

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101116\
 Data File : BF090499.D
 Acq On : 11 Oct 2016 13:14
 Operator : UM/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Quant Time: Oct 11 16:07:40 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 13:13:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	211311	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	879698	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	444645	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	757262	20.00	ng	0.01
75) Chrysene-d12	14.13	240	646293	20.00	ng	0.00
86) Perylene-d12	15.61	264	550987	20.00	ng	0.00

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System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	1472762	104.02	ng	0.00
7) Phenol-d6	6.59	99	1889436	101.89	ng	0.00
23) Nitrobenzene-d5	7.53	82	1824205	100.87	ng	0.01
41) 2,4,6-Tribromophenol	10.79	330	562022	155.45	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	2662896	99.78	ng	0.00
78) Terphenyl-d14	13.08	244	3082473	107.23	ng	0.00

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Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	388638	55.68	ng	# 83
3) Pyridine	3.37	79	1089193	55.97	ng	# 78
4) n-Nitrosodimethylamine	3.33	42	358444	44.63	ng	# 41
6) Aniline	6.61	93	1246710	48.67	ng	# 83
8) 2-Chlorophenol	6.74	128	805434	51.69	ng	96
9) Benzaldehyde	6.50	77	573466	61.18	ng	97
10) Phenol	6.60	94	989515	45.90	ng	90
11) bis(2-Chloroethyl)ether	6.69	93	811444	49.16	ng	99
12) 1,3-Dichlorobenzene	6.90	146	928011	59.75	ng	98
13) 1,4-Dichlorobenzene	6.98	146	917194	58.14	ng	93
14) 1,2-Dichlorobenzene	7.13	146	792952	52.17	ng	98
15) Benzyl Alcohol	7.10	79	794306	56.34	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.23	45	1167762	41.71	ng	88
17) 2-Methylphenol	7.21	107	708603	55.30	ng	99
18) Hexachloroethane	7.47	117	334840	53.84	ng	96
19) n-Nitroso-di-n-propylamine	7.38	70	653411	48.05	ng	# 79
20) 3+4-Methylphenols	7.37	107	772674	46.58	ng	# 84
22) Acetophenone	7.37	105	1016792	48.80	ng	99
24) Nitrobenzene	7.54	77	844357	47.03	ng	99
25) Isophorone	7.79	82	1633595	49.41	ng	# 93
26) 2-Nitrophenol	7.86	139	483608	62.58	ng	92
27) 2,4-Dimethylphenol	7.89	122	732302	48.73	ng	97
28) bis(2-Chloroethoxy)methane	7.99	93	1022051	52.27	ng	99
29) 2,4-Dichlorophenol	8.10	162	613735	53.72	ng	91
30) 1,2,4-Trichlorobenzene	8.19	180	754738	64.09	ng	94
31) Naphthalene	8.27	128	2443758	57.58	ng	99
32) Benzoic acid	8.04	122	662624	63.42	ng	98
33) 4-Chloroaniline	8.31	127	1024416	58.40	ng	# 92
34) Hexachlorobutadiene	8.38	225	403605	61.35	ng	100
35) Caprolactam	8.69	113	201849	52.54	ng	# 80
36) 4-Chloro-3-methylphenol	8.79	107	688469	48.12	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	790249	67.41	ng	100
40) Hexachlorocyclopentadiene	9.11	237	384474	59.83	ng	100
42) 2,4,6-Trichlorophenol	9.24	196	486332	60.12	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.27	196	493346	64.50	ng	96
45) 1,1'-Biphenyl	9.42	154	1857304	56.37	ng	98
46) 2-Chloronaphthalene	9.45	162	1353953	55.62	ng	100
47) 2-Nitroaniline	9.54	65	458617	47.75	ng	97
48) Acenaphthylene	9.87	152	2379778	59.25	ng	99
49) Dimethylphthalate	9.73	163	1748310	61.39	ng	98
50) 2,6-Dinitrotoluene	9.79	165	431936	68.32	ng	# 59
51) Acenaphthene	10.04	154	1577558	62.99	ng	98
52) 3-Nitroaniline	9.96	138	492071	66.63	ng	# 69
53) 2,4-Dinitrophenol	10.05	184	204639	72.60	ng	# 79
54) Dibenzofuran	10.21	168	2152375	66.40	ng	98
55) 4-Nitrophenol	10.11	139	332414	51.44	ng	93
56) 2,4-Dinitrotoluene	10.19	165	565210	67.17	ng	# 65
57) Fluorene	10.55	166	1739602	63.85	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	457385	80.07	ng	95
59) Diethylphthalate	10.43	149	1751300	59.44	ng	98
60) 4-Chlorophenyl-phenylether	10.54	204	827761	66.82	ng	94
61) 4-Nitroaniline	10.58	138	526950	70.81	ng	85
62) Azobenzene	10.70	77	1827310	53.69	ng	90
64) 4,6-Dinitro-2-methylphenol	10.60	198	351810	76.56	ng	# 48
65) n-Nitrosodiphenylamine	10.66	169	1378369	54.32	ng	99
66) 4-Bromophenyl-phenylether	11.03	248	526501	70.93	ng	93
67) Hexachlorobenzene	11.10	284	577577	69.87	ng	95
68) Atrazine	11.19	200	438243	70.04	ng	92
69) Pentachlorophenol	11.30	266	334401	67.96	ng	98
70) Phenanthrene	11.51	178	2261478	58.32	ng	99
71) Anthracene	11.57	178	2382495	60.17	ng	97
72) Carbazole	11.72	167	2259486	61.42	ng	99
73) Di-n-butylphthalate	12.05	149	2647821	59.14	ng	99
74) Fluoranthene	12.70	202	2267914	59.63	ng	98
76) Benzidine	12.82	184	1183082	69.62	ng	# 96
77) Pyrene	12.93	202	2239256	51.96	ng	100
79) Butylbenzylphthalate	13.55	149	1077401	48.72	ng	# 84
80) Benzo(a)anthracene	14.12	228	2244458	61.90	ng	99
81) 3,3'-Dichlorobenzidine	14.09	252	795965	60.54	ng	# 97
82) Chrysene	14.17	228	2273625	68.13	ng	99
83) Bis(2-ethylhexyl)phthalate	14.11	149	1571418	50.00	ng	# 99
84) Di-n-octyl phthalate	14.73	149	2501920	53.69	ng	# 88
85) Indeno(1,2,3-cd)pyrene	17.09	276	1885023	79.22	ng	97
87) Benzo(b)fluoranthene	15.18	252	2148636	61.22	ng	# 97
88) Benzo(k)fluoranthene	15.22	252	2034396m	61.71	ng	
89) Benzo(a)pyrene	15.55	252	1865529	61.67	ng	# 97
90) Dibenzo(a,h)anthracene	17.12	278	1641593	63.79	ng	# 96
91) Benzo(g,h,i)perylene	17.55	276	1508220	61.07	ng	98

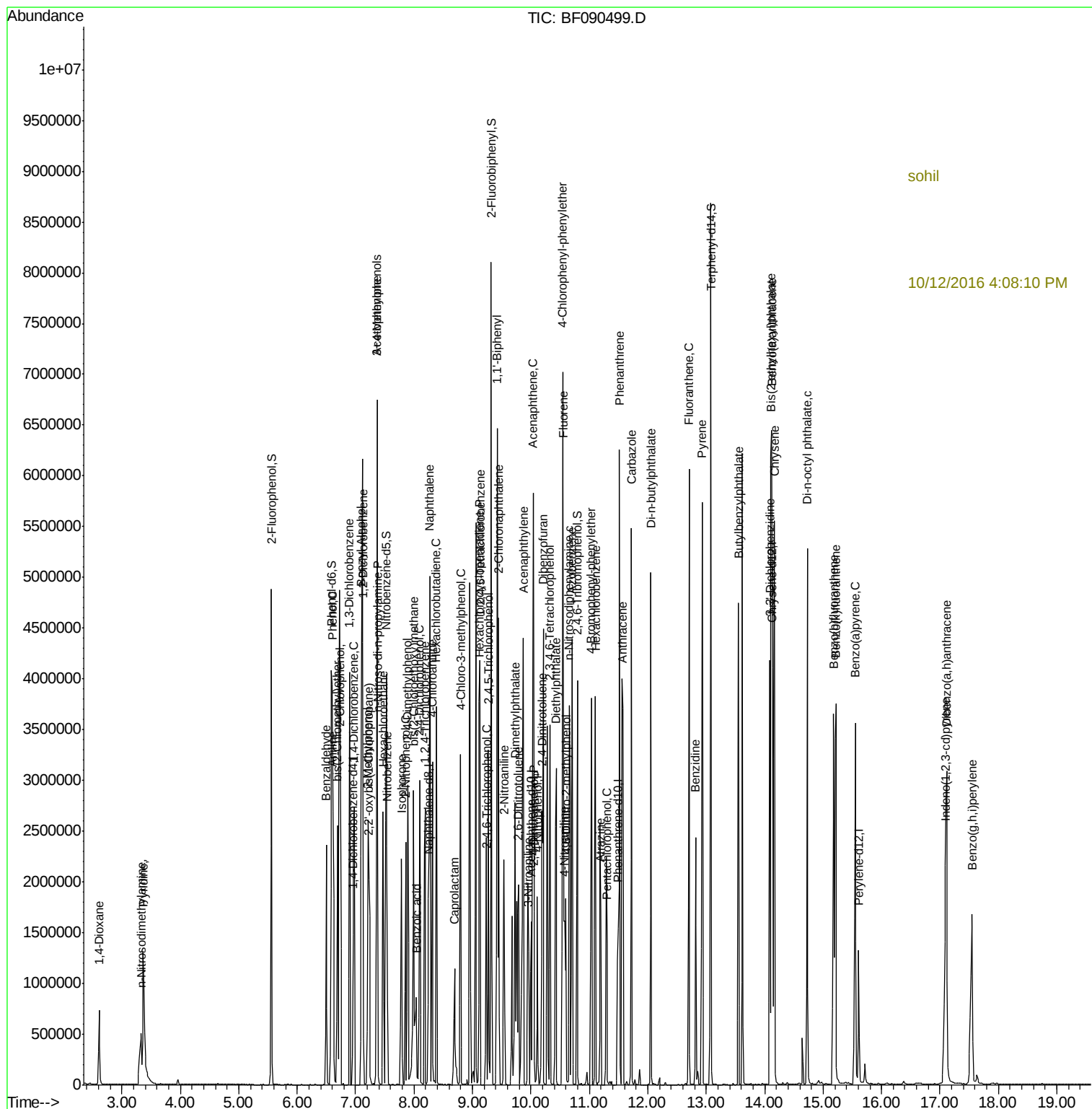
(#) = qualifier out of range (m) = manual integration (+) = signals summed

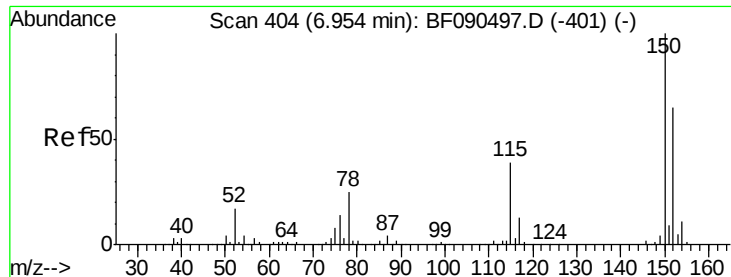
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101116\
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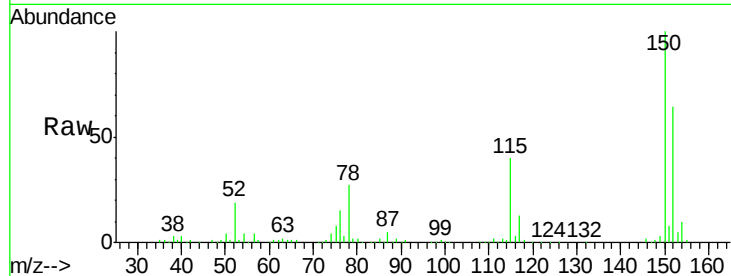
#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 404
Delta R.T. -0.00 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

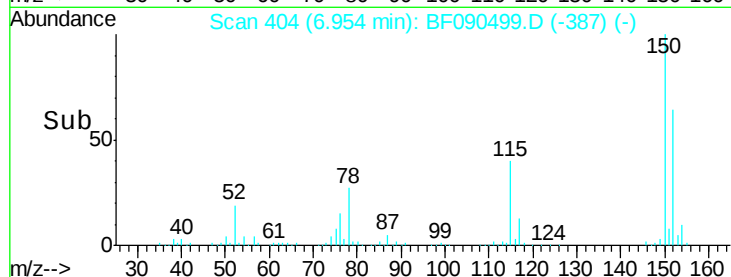
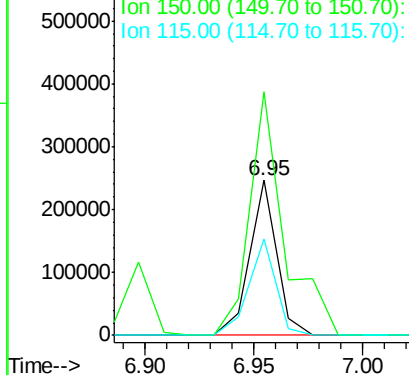
Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.6	186.8
115	62.5	46.2	69.4

Manual Integrations
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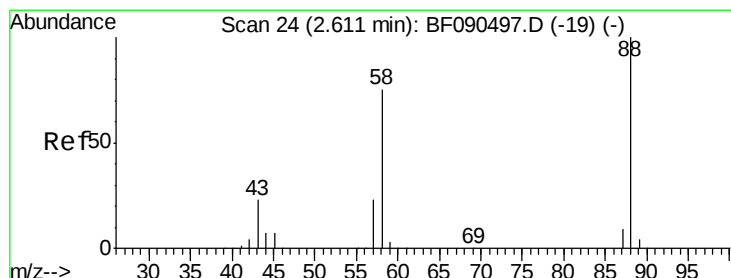


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



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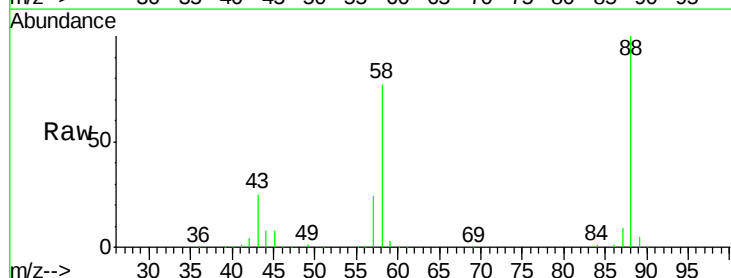
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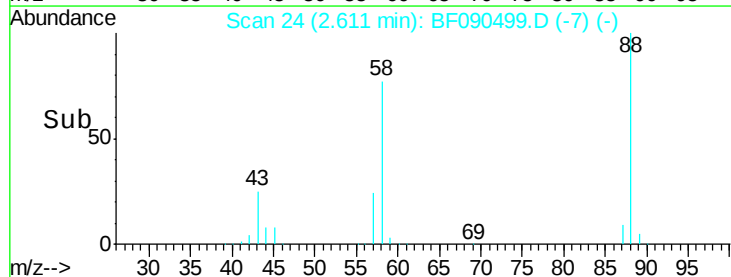
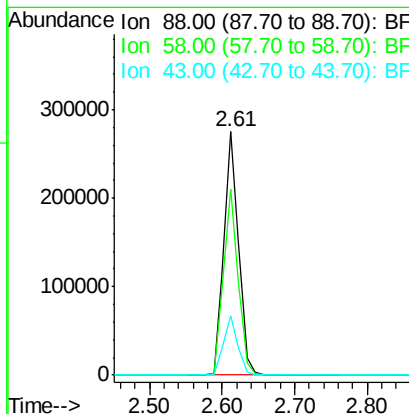
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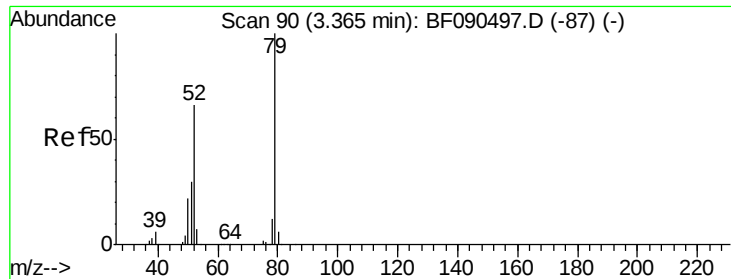
1,4-Dioxane
Concen: 55.68 ng
RT: 2.61 min Scan# 24
Delta R.T. -0.00 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.7	71.2	106.8
43	23.7	29.8	44.6#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 55.97 ng

RT: 3.37 min Scan# 90

Delta R.T. -0.00 min

Lab File: BF090499.D

Acq: 11 Oct 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tgt Ion: 79 Resp: 1089193

Ion Ratio Lower Upper

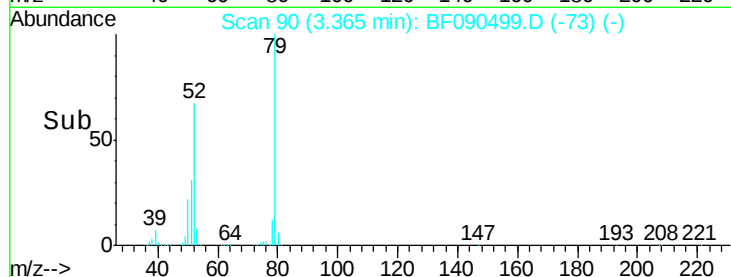
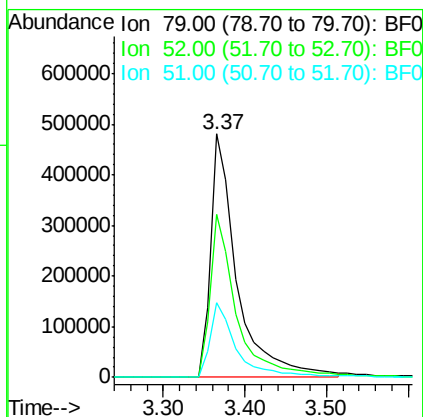
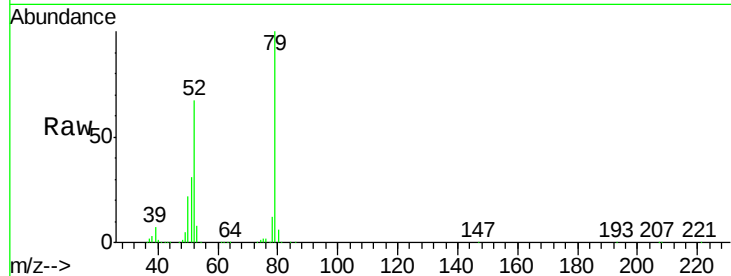
79 100

52 66.9 71.3 106.9#

51 30.9 34.5 51.7#

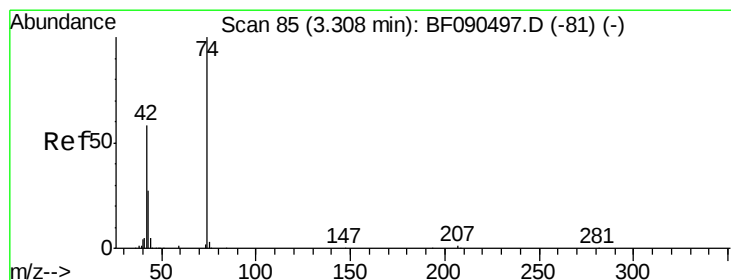
Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 44.63 ng

RT: 3.33 min Scan# 87

Delta R.T. 0.02 min

Lab File: BF090499.D

Acq: 11 Oct 2016 13:14

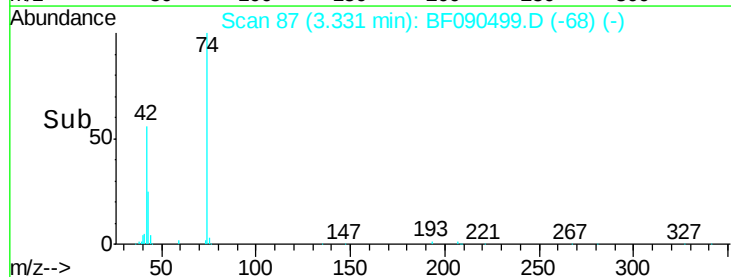
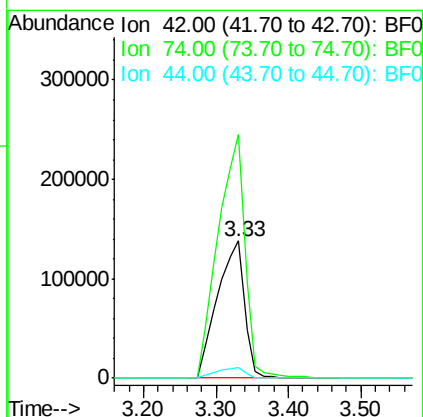
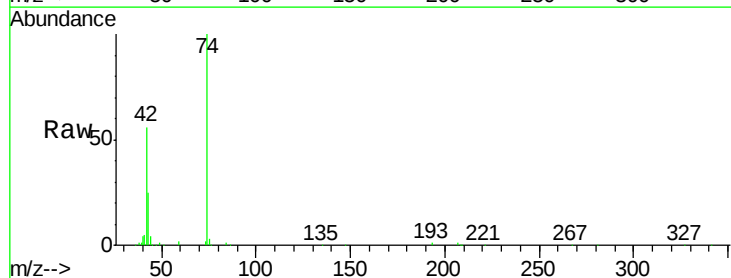
Tgt Ion: 42 Resp: 358444

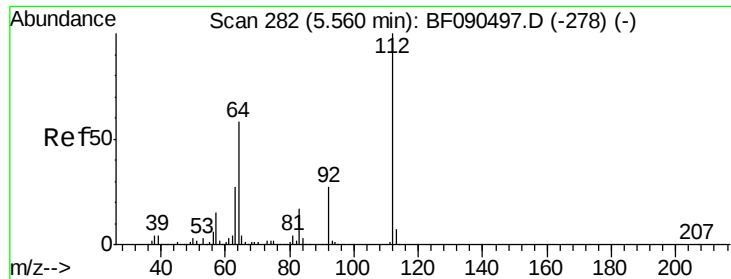
Ion Ratio Lower Upper

42 100

74 177.9 88.9 133.3#

44 7.6 6.5 9.7





#5

2-Fluorophenol

Concen: 104.02 ng

RT: 5.56 min Scan# 282

Delta R.T. -0.00 min

Lab File: BF090499.D

Acq: 11 Oct 2016 13:14

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Tgt Ion: 112 Resp: 1472762

Ion Ratio Lower Upper

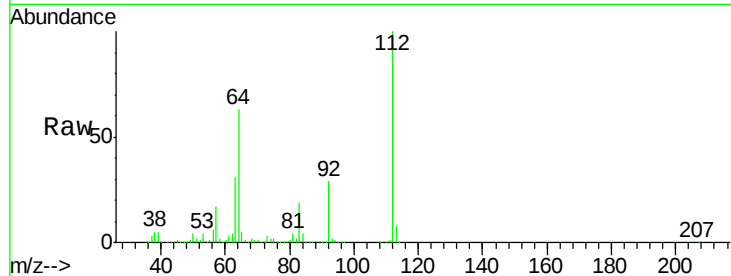
112 100

64 62.6 57.9 86.9

63 30.6 29.6 44.4

Manual Integrations

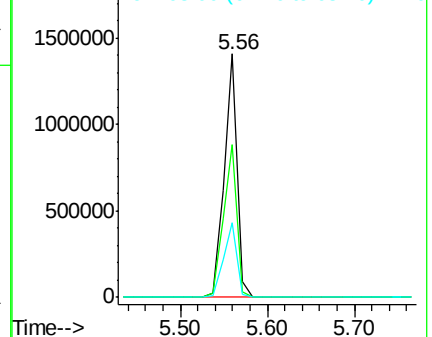
APPROVED



Abundance Ion 112.00 (111.70 to 112.70): E

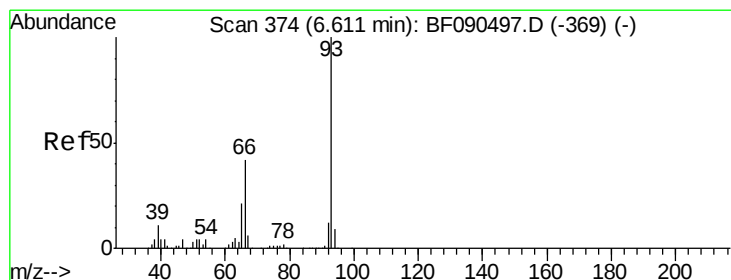
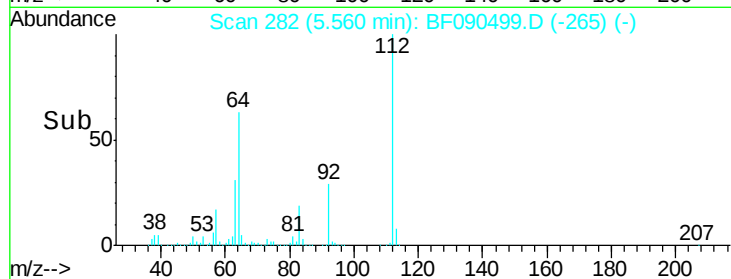
Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



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#6

Aniline

Concen: 48.67 ng

RT: 6.61 min Scan# 374

Delta R.T. -0.00 min

Lab File: BF090499.D

Acq: 11 Oct 2016 13:14

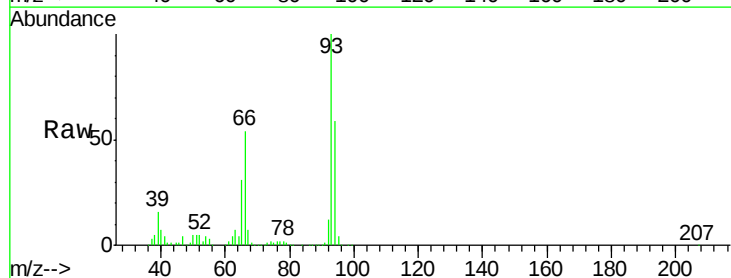
Tgt Ion: 93 Resp: 1246710

Ion Ratio Lower Upper

93 100

66 54.1 34.5 51.7#

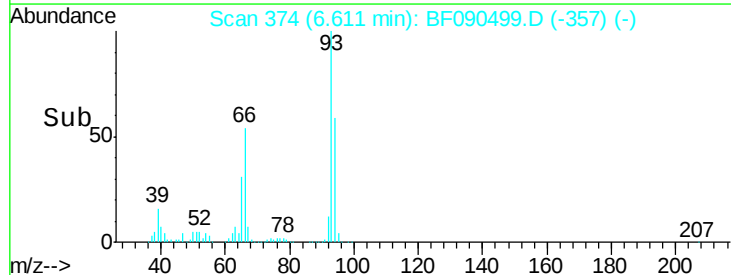
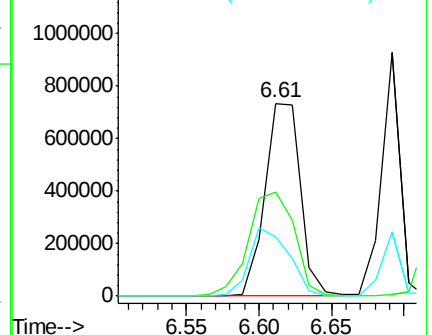
65 31.0 18.2 27.2#

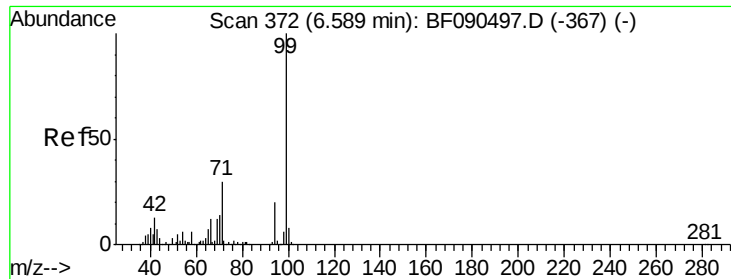


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 101.89 ng

RT: 6.59 min Scan# 372

Delta R.T. -0.00 min

Lab File: BF090499.D

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Tgt Ion: 99 Resp: 1889436

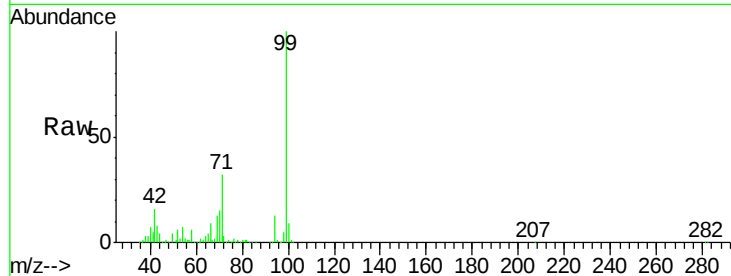
Ion Ratio Lower Upper

99 100

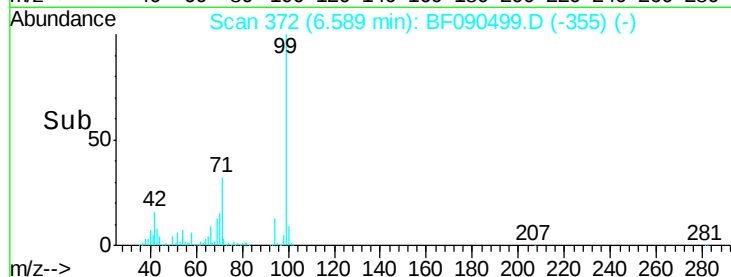
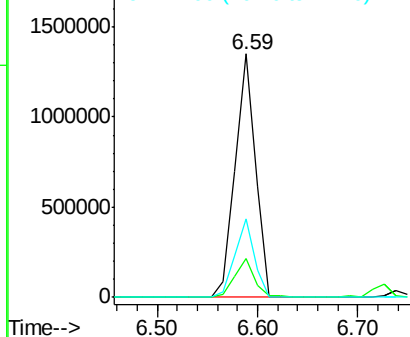
42 15.7 20.0 30.0#

71 32.4 27.9 41.9

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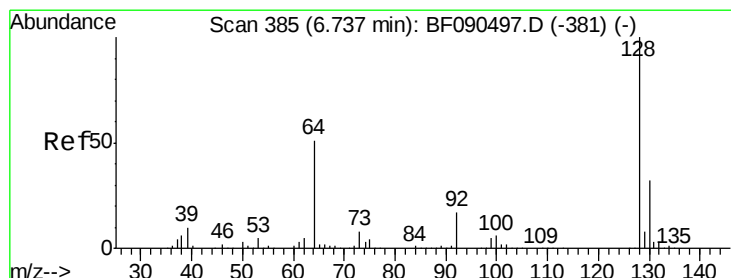


Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



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#8

2-Chlorophenol

Concen: 51.69 ng

RT: 6.74 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF090499.D

Acq: 11 Oct 2016 13:14

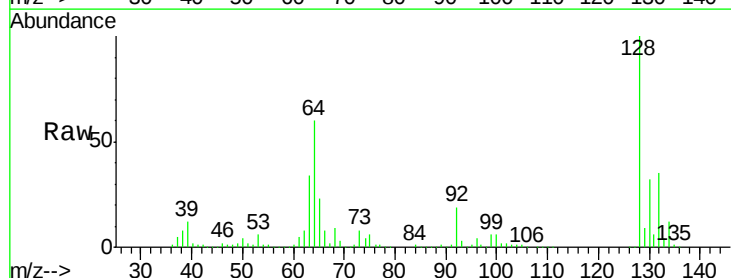
Tgt Ion: 128 Resp: 805434

Ion Ratio Lower Upper

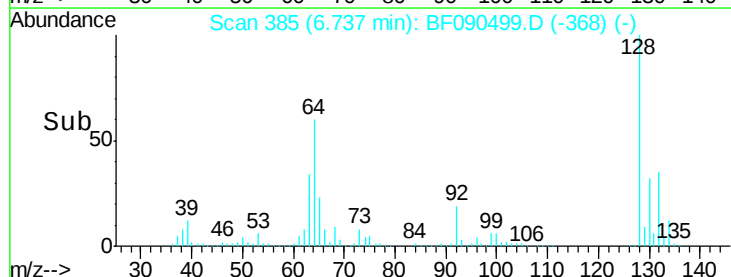
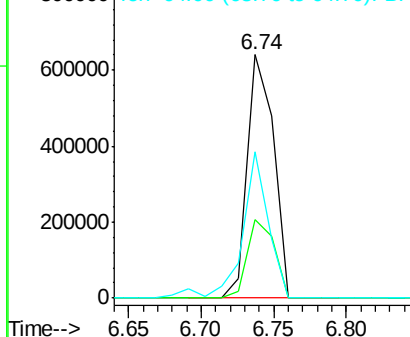
128 100

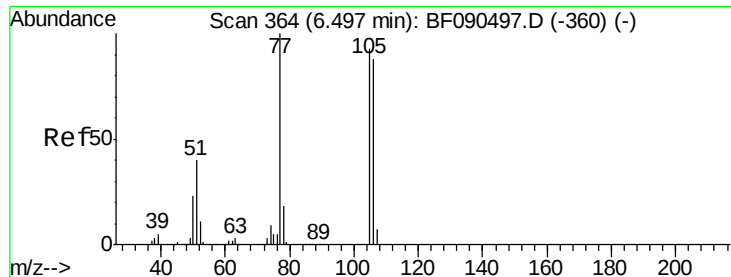
130 32.3 13.3 53.3

64 60.1 36.0 76.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 61.18 ng

RT: 6.50 min Scan# 364

Delta R.T. -0.00 min

Lab File: BF090499.D

Acq: 11 Oct 2016 13:14

Instrument :

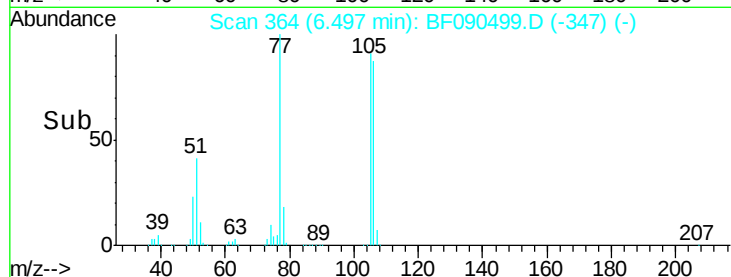
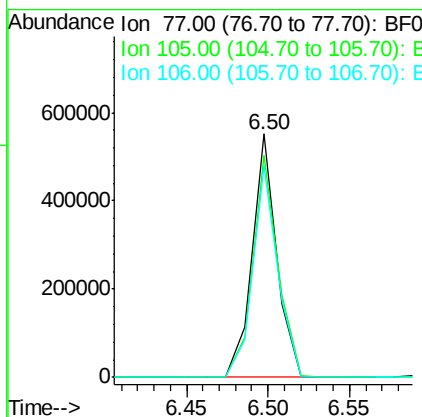
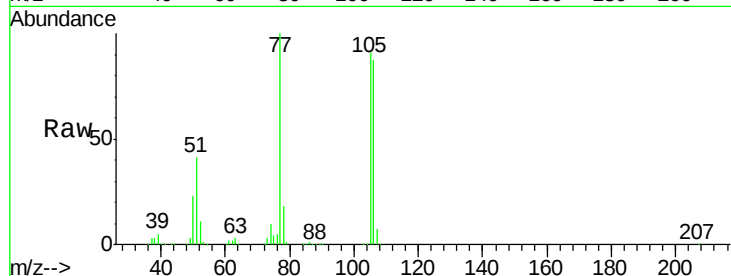
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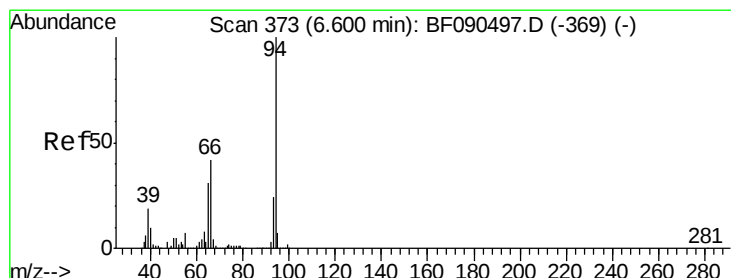
Tgt Ion	Ratio	Lower	Upper
77	100		
105	91.3	73.1	113.1
106	87.1	70.2	110.2

Manual Integrations
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#10

Phenol

Concen: 45.90 ng

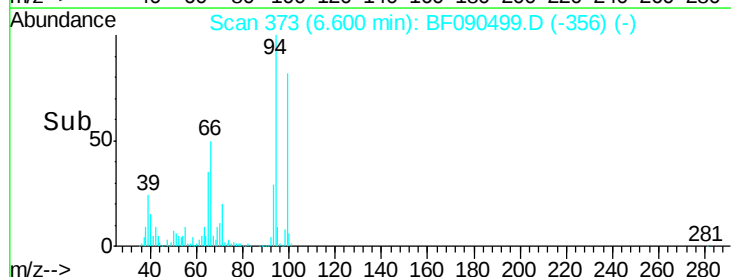
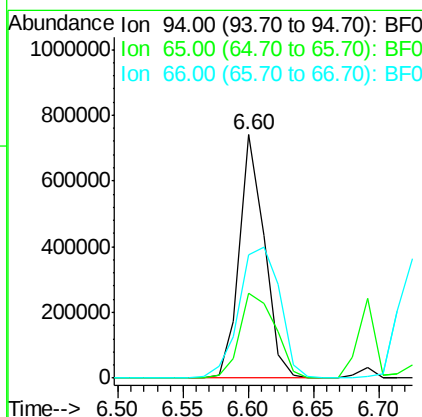
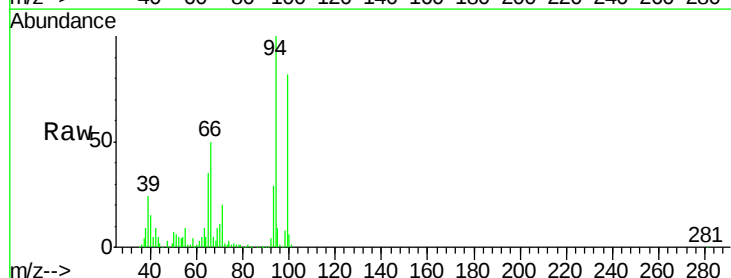
RT: 6.60 min Scan# 373

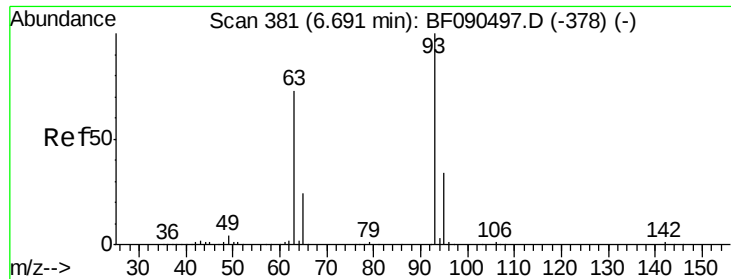
Delta R.T. -0.00 min

Lab File: BF090499.D

Acq: 11 Oct 2016 13:14

Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.9	13.3	53.3
66	50.4	20.4	60.4



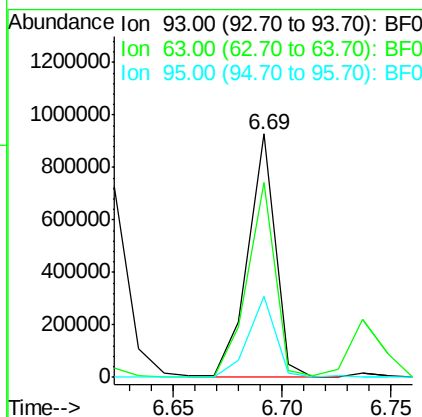
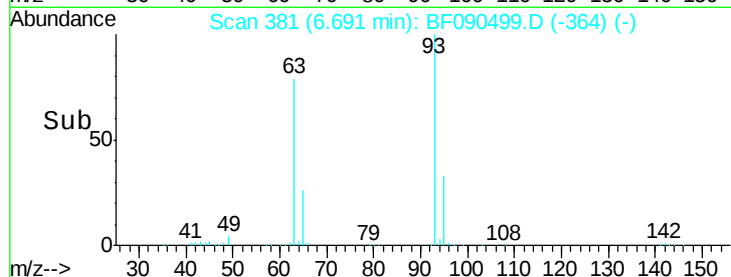
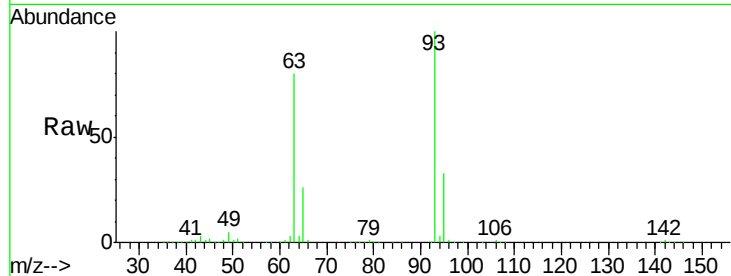


#11
bis(2-Chloroethyl)ether
Concen: 49.16 ng
RT: 6.69 min Scan# 381
Delta R.T. -0.00 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

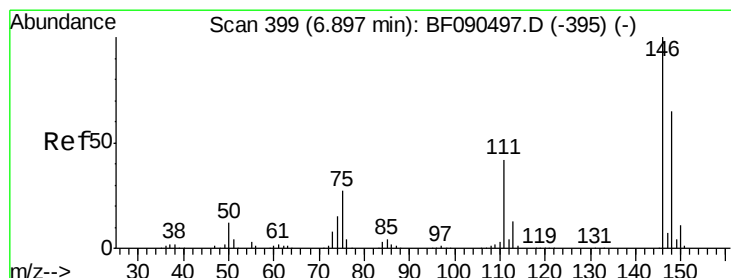
Tgt Ion	Ratio	Resp	Lower	Upper
93	100	811444		
63	80.3	59.7	99.7	
95	33.3	14.0	54.0	

Manual Integrations
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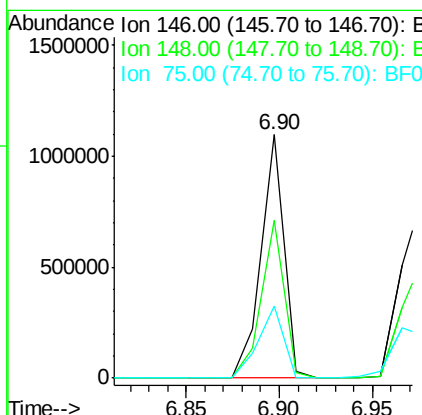
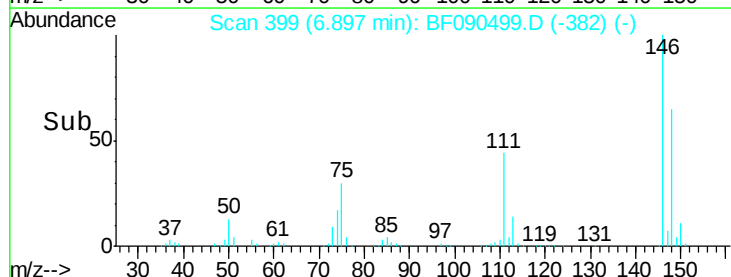
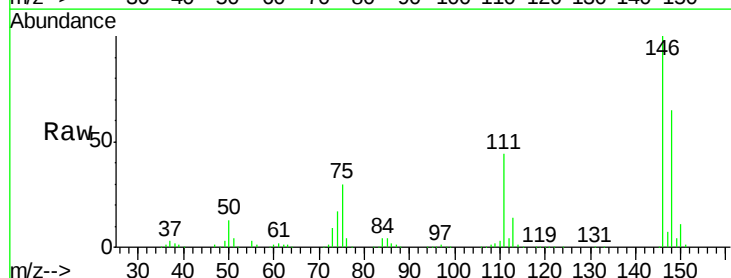
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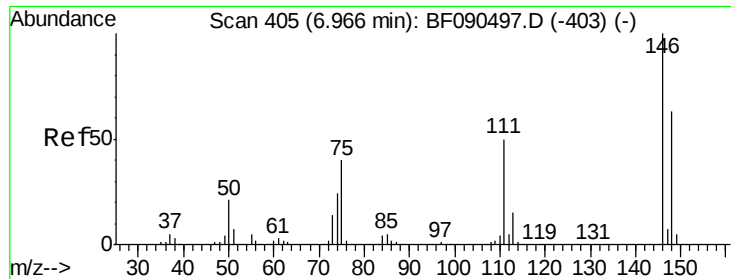
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#12
1,3-Dichlorobenzene
Concen: 59.75 ng
RT: 6.90 min Scan# 399
Delta R.T. -0.00 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	928011		
148	64.7	52.2	78.4	
75	29.8	21.4	32.2	





#13

1,4-Dichlorobenzene

Concen: 58.14 ng

RT: 6.98 min Scan# 406

Delta R.T. 0.01 min

Lab File: BF090499.D

Acq: 11 Oct 2016 13:14

Instrument :

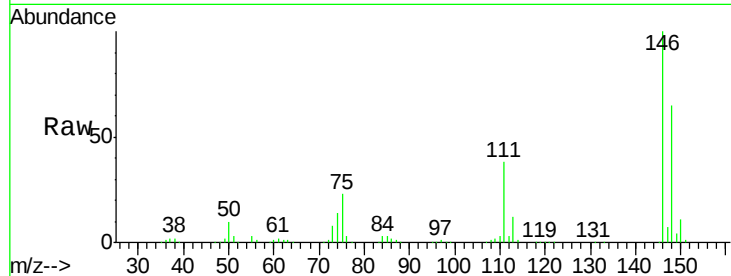
BNA_F

ClientSampleId :

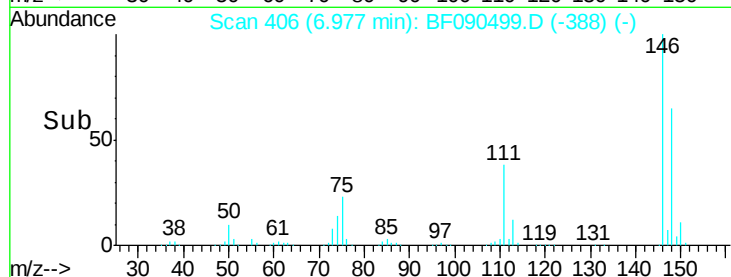
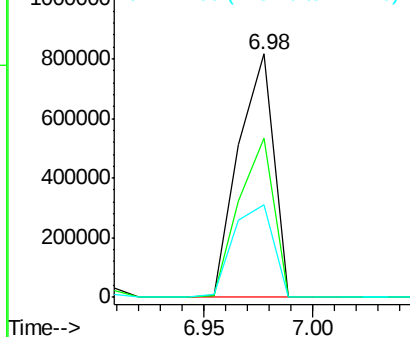
SSTDIC060

Tgt Ion:	146	Resp:	917194
Ion Ratio	Lower	Upper	
146	100		
148	65.5	51.1	76.7
111	38.0	37.8	56.6

Manual Integrations
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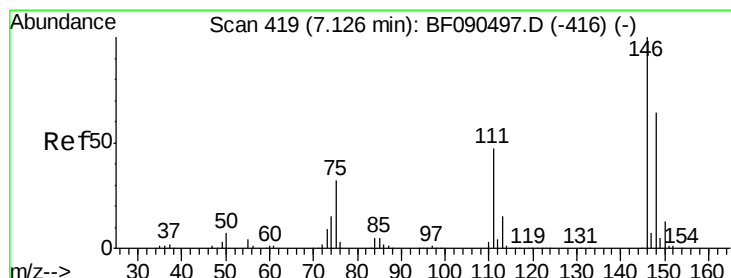


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



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#14

1,2-Dichlorobenzene

Concen: 52.17 ng

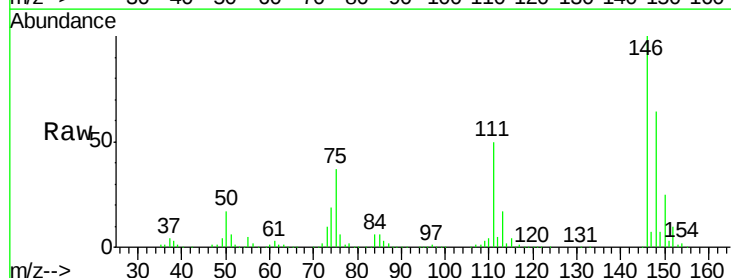
RT: 7.13 min Scan# 419

Delta R.T. -0.00 min

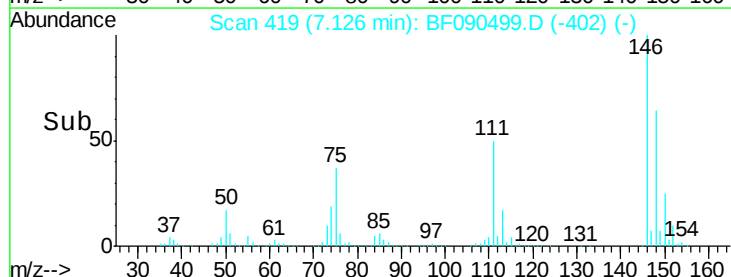
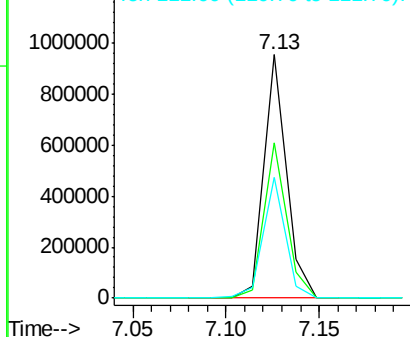
Lab File: BF090499.D

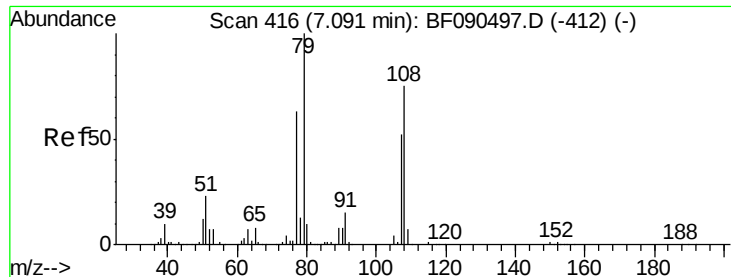
Acq: 11 Oct 2016 13:14

Tgt Ion:	146	Resp:	792952
Ion Ratio	Lower	Upper	
146	100		
148	63.9	52.3	78.5
111	49.7	38.2	57.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 56.34 ng

RT: 7.10 min Scan# 417

Delta R.T. 0.01 min

Lab File: BF090499.D

Acq: 11 Oct 2016 13:14

Instrument :

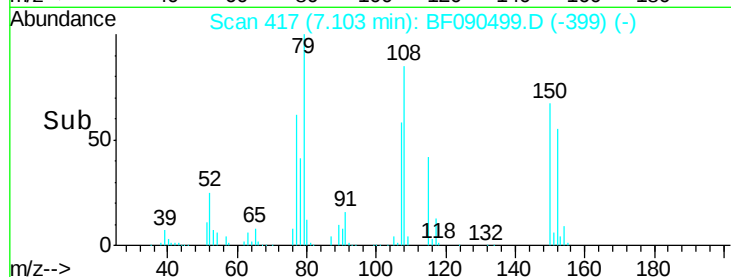
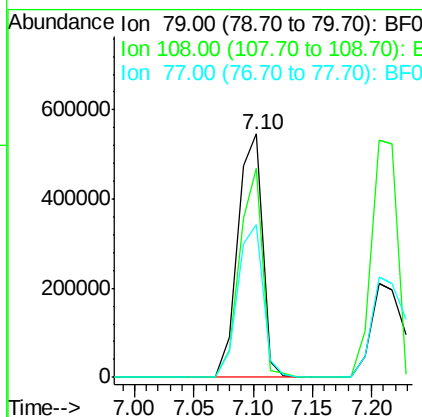
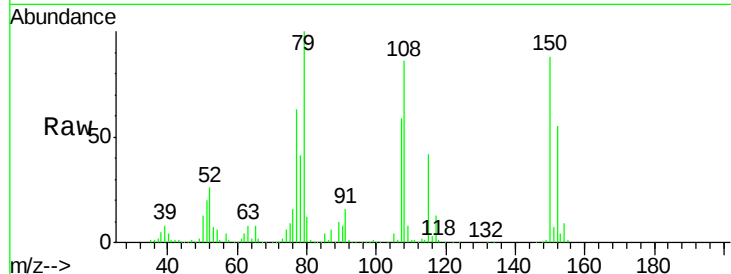
BNA_F

ClientSampleId :

SSTDIC060

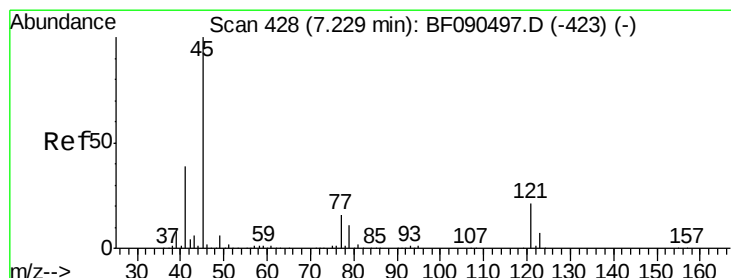
Tgt Ion:	79	Resp:	794306
Ion	Ratio	Lower	Upper
79	100		
108	86.0	60.9	91.3
77	62.7	51.5	77.3

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.71 ng

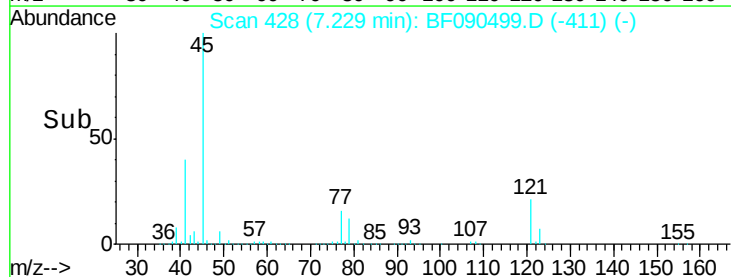
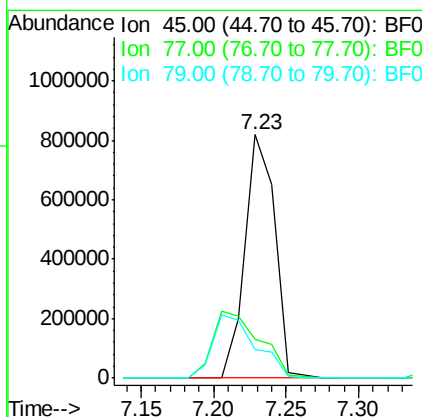
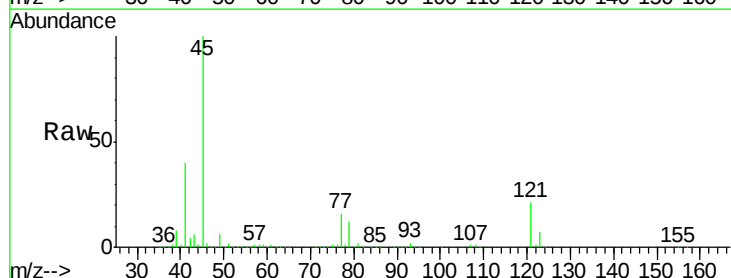
RT: 7.23 min Scan# 428

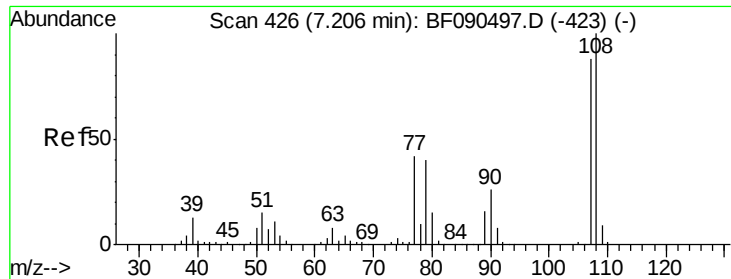
Delta R.T. -0.00 min

Lab File: BF090499.D

Acq: 11 Oct 2016 13:14

Tgt Ion:	45	Resp:	1167762
Ion	Ratio	Lower	Upper
45	100		
77	15.7	0.0	30.8
79	11.7	0.0	28.2





#17

2-Methylphenol

Concen: 55.30 ng

RT: 7.21 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF090499.D

Acq: 11 Oct 2016 13:14

Instrument :

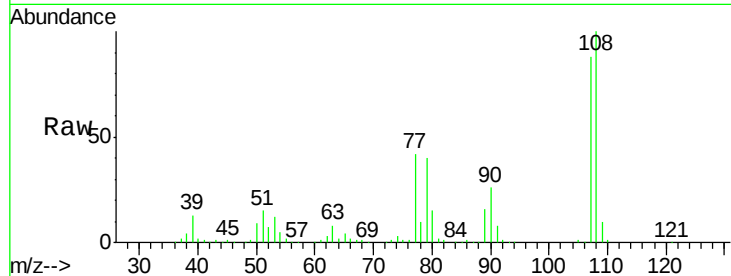
BNA_F

ClientSampleId :

SSTDIC060

Tgt	Ion	107	Resp:	708603
Ion	Ratio	Lower	Upper	
107	100			
108	113.5	90.9	136.3	
77	47.8	38.2	57.4	
79	44.9	37.0	55.4	

Manual Integrations
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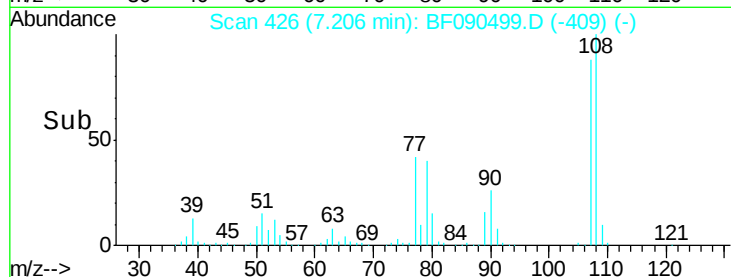
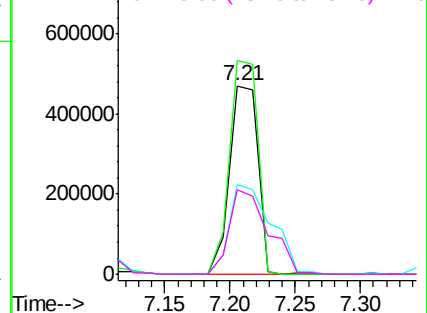
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

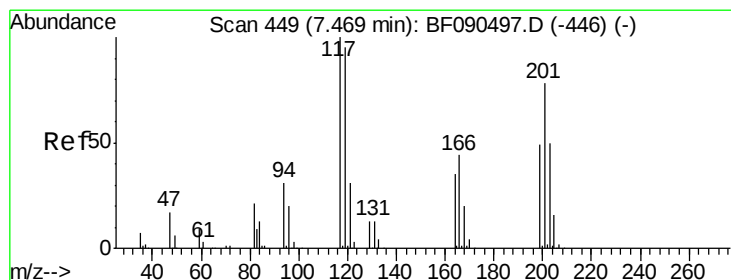
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



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#18

Hexachloroethane

Concen: 53.84 ng

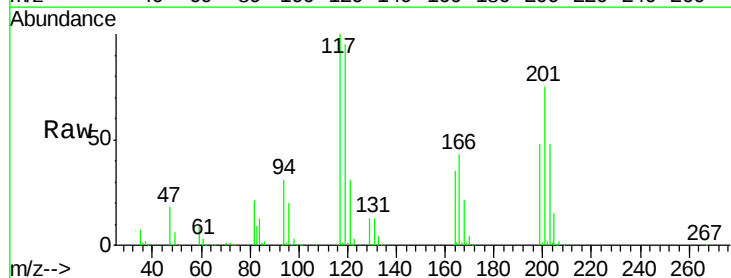
RT: 7.47 min Scan# 449

Delta R.T. -0.00 min

Lab File: BF090499.D

Acq: 11 Oct 2016 13:14

Tgt	Ion	117	Resp:	334840
Ion	Ratio	Lower	Upper	
117	100			
119	94.9	75.9	113.9	
201	74.8	66.5	99.7	

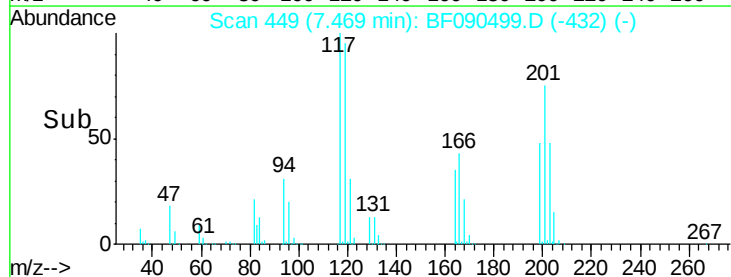
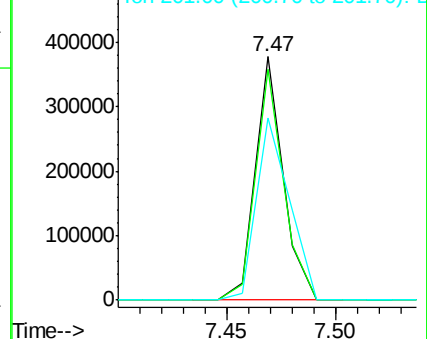


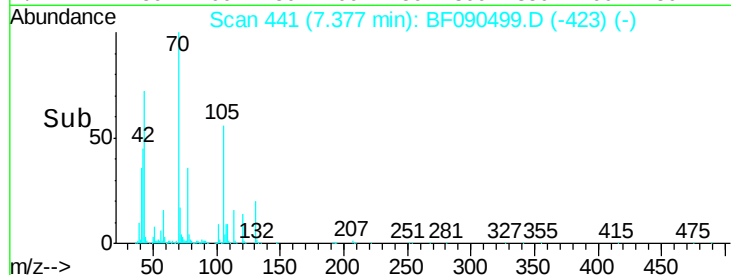
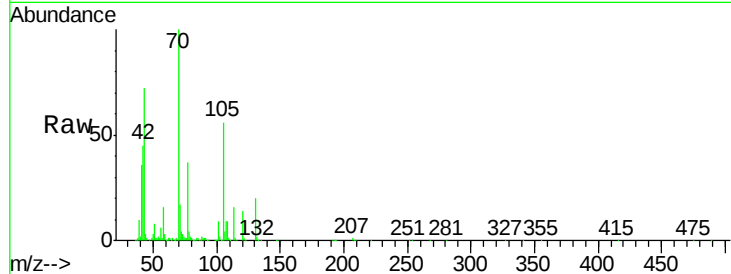
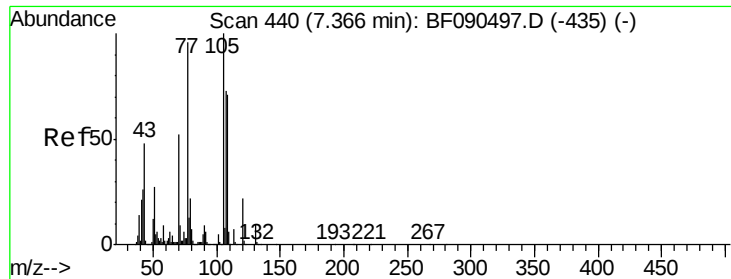
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



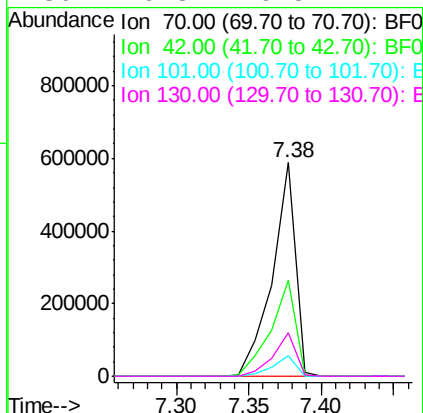


#19
n-Nitroso-di-n-propylamine
Concen: 48.05 ng
RT: 7.38 min Scan# 441
Delta R.T. 0.01 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

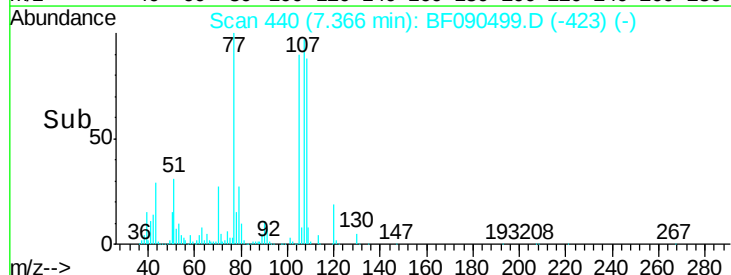
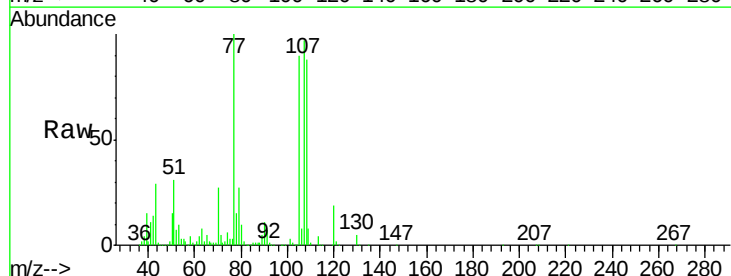
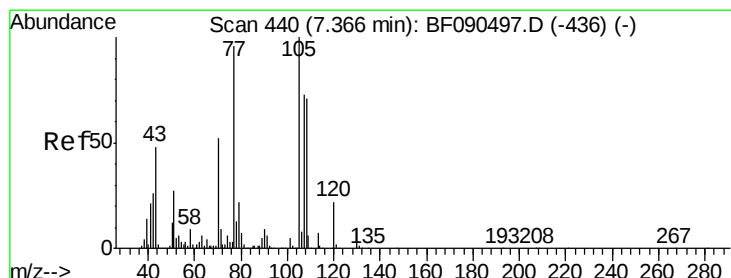
Tgt Ion	Ratio	Lower	Upper
70	100		
42	44.8	55.4	83.2#
101	9.3	7.6	11.4
130	20.3	16.5	24.7

Manual Integrations
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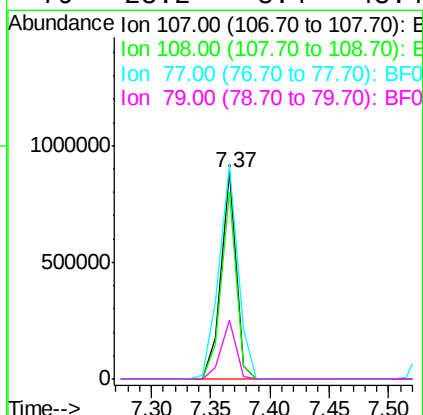
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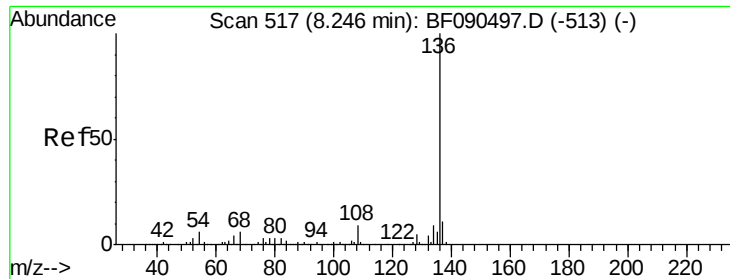
10/12/2016 4:08:10 PM



#20
3+4-Methylphenols
Concen: 46.58 ng
RT: 7.37 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.5	66.7	106.7
77	103.2	53.7	93.7#
79	28.2	8.4	48.4



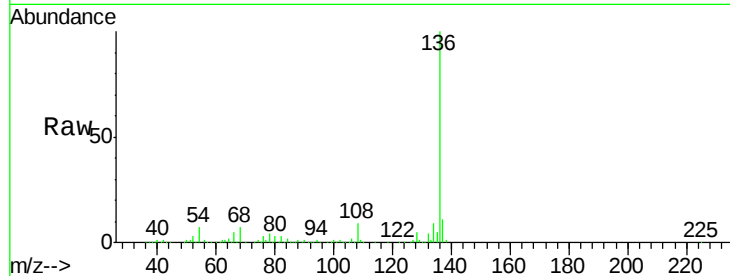


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 517
Delta R.T. -0.00 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

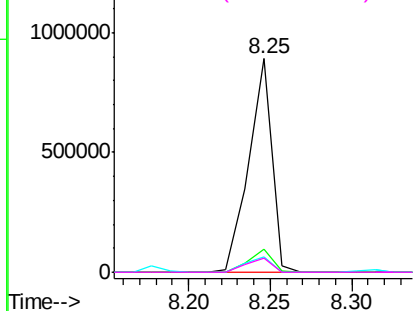
Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	879698		
137	11.0		9.0	13.6
54	6.9		6.6	10.0
68	6.5		5.0	7.6

Manual Integrations
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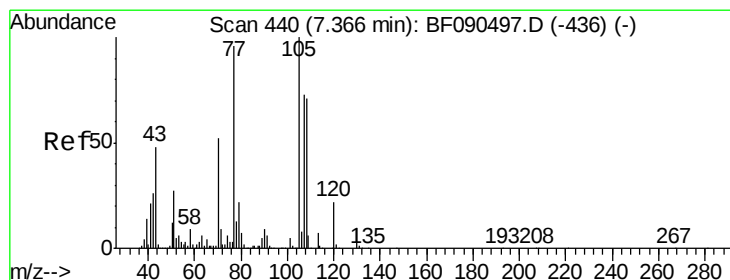
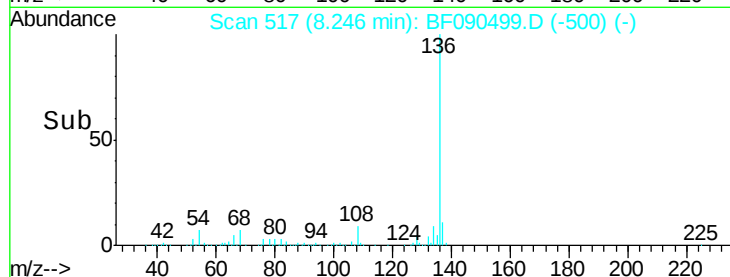


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0



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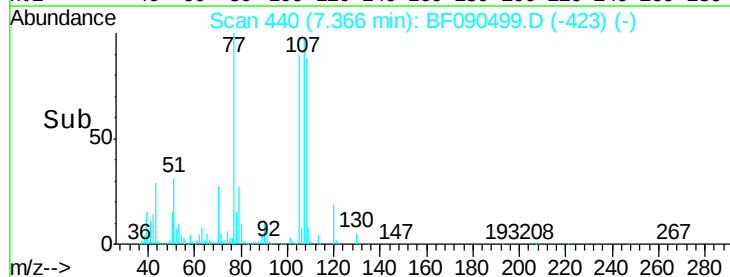
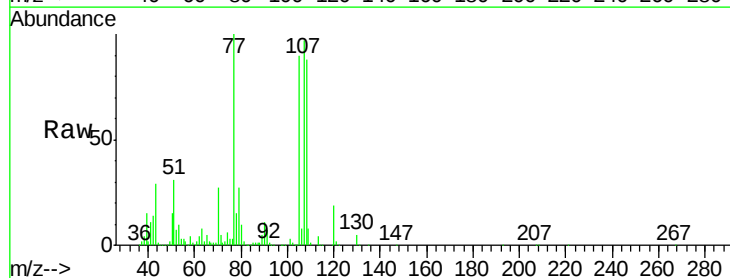
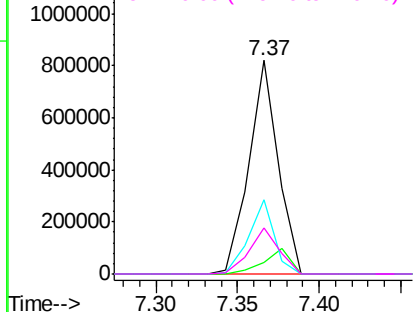
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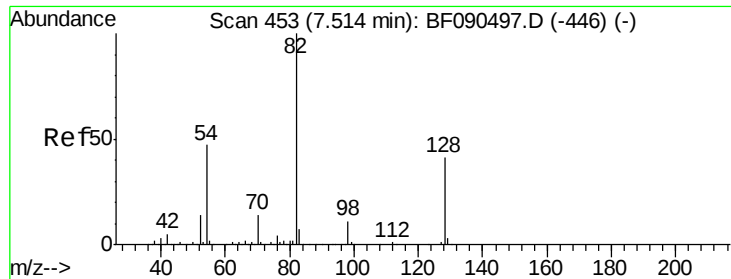


#22
Acetophenone
Concen: 48.80 ng
RT: 7.37 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1016792		
71	5.2		3.8	5.6
51	34.6		28.2	42.4
120	21.5		17.4	26.2

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E



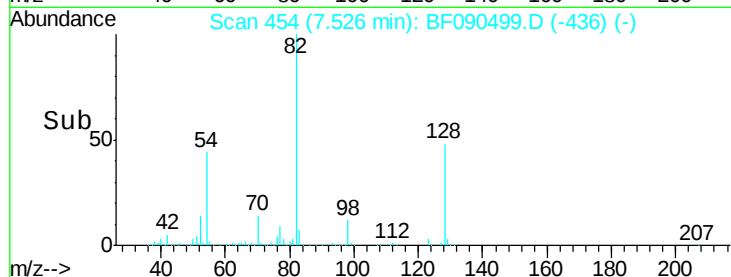
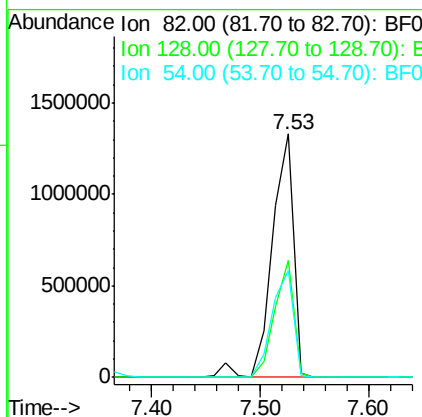
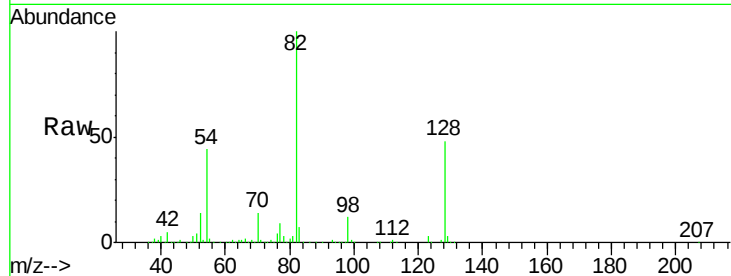


#23
 Nitrobenzene-d5
 Concen: 100.87 ng
 RT: 7.53 min Scan# 454
 Delta R.T. 0.01 min
 Lab File: BF090499.D
 Acq: 11 Oct 2016 13:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

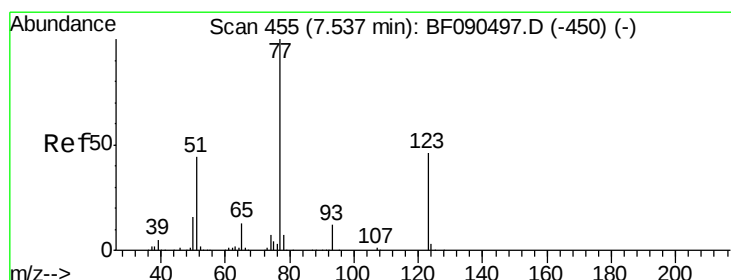
Tgt Ion: 82 Resp: 1824205
 Ion Ratio Lower Upper
 82 100
 128 48.1 40.0 60.0
 54 44.0 42.6 64.0

Manual Integrations
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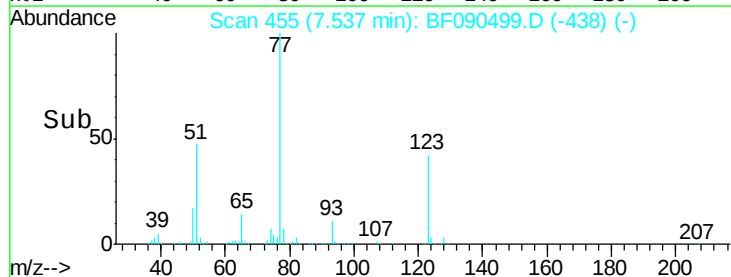
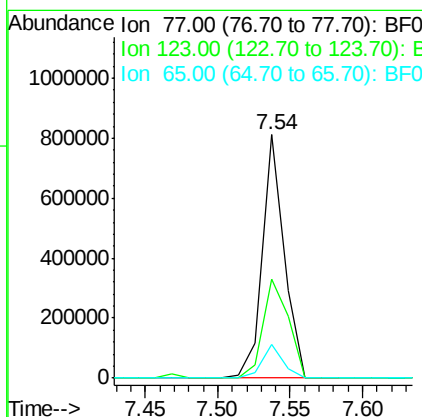
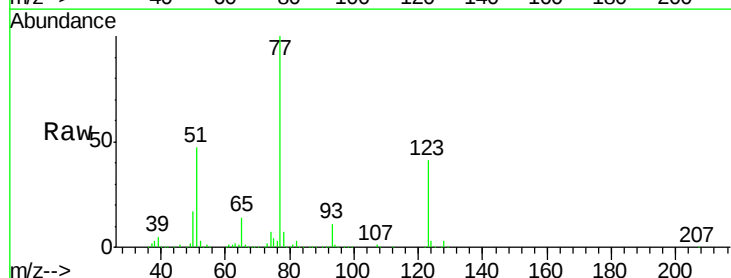
sohil

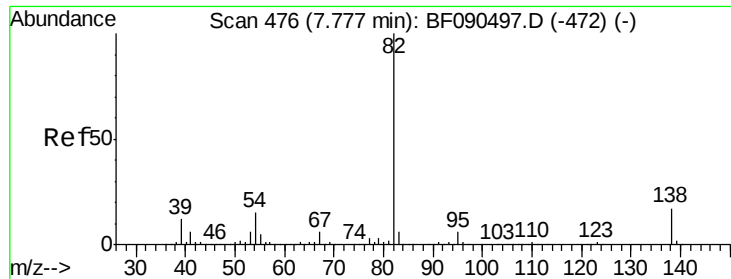
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#24
 Nitrobenzene
 Concen: 47.03 ng
 RT: 7.54 min Scan# 455
 Delta R.T. -0.00 min
 Lab File: BF090499.D
 Acq: 11 Oct 2016 13:14

Tgt Ion: 77 Resp: 844357
 Ion Ratio Lower Upper
 77 100
 123 40.9 33.0 49.4
 65 13.7 12.0 18.0





#25

Isophorone

Concen: 49.41 ng

RT: 7.79 min Scan# 477

Delta R.T. 0.01 min

Lab File: BF090499.D

Acq: 11 Oct 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tgt Ion: 82 Resp: 1633595

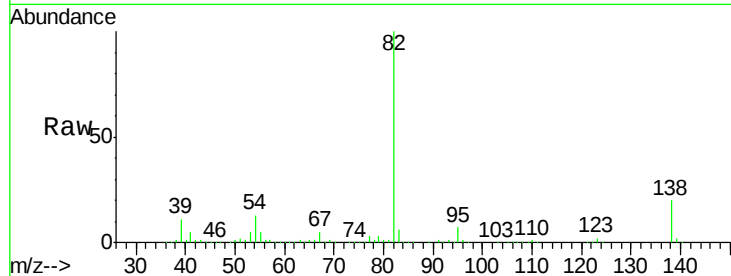
Ion Ratio Lower Upper

82 100

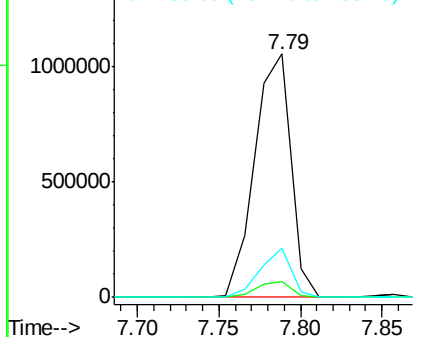
95 6.7 5.2 7.8

138 20.0 13.0 19.4#

Manual Integrations
APPROVED

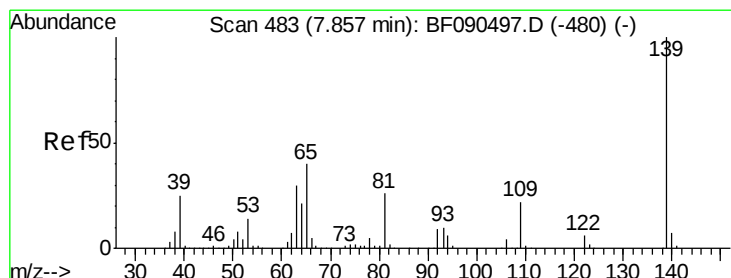
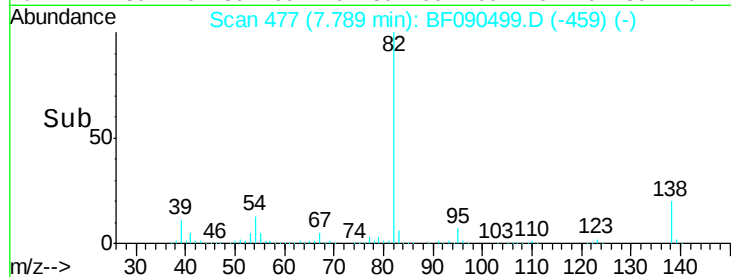


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



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#26

2-Nitrophenol

Concen: 62.58 ng

RT: 7.86 min Scan# 483

Delta R.T. -0.00 min

Lab File: BF090499.D

Acq: 11 Oct 2016 13:14

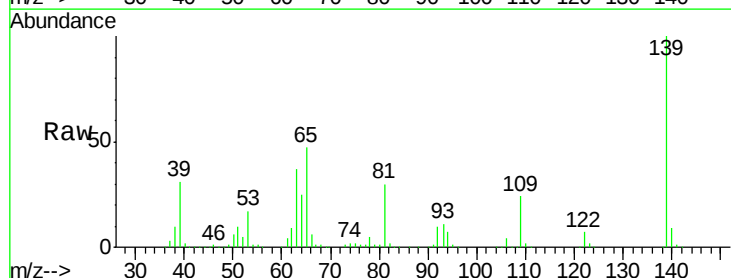
Tgt Ion: 139 Resp: 483608

Ion Ratio Lower Upper

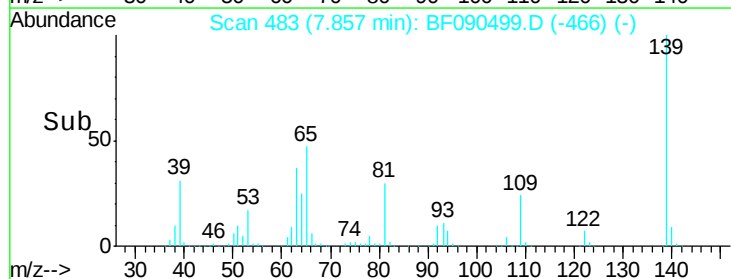
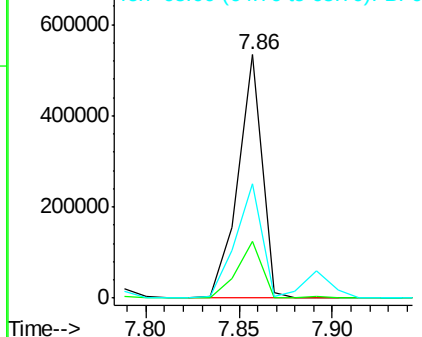
139 100

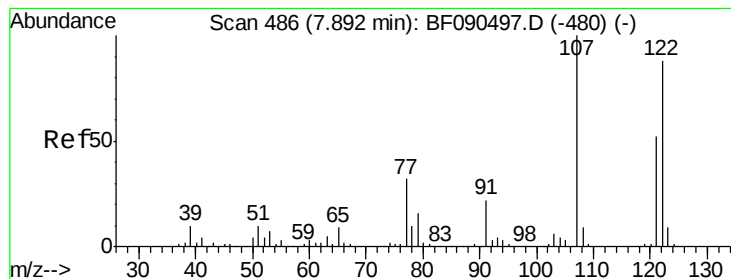
109 23.5 18.9 28.3

65 46.8 31.6 47.4



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



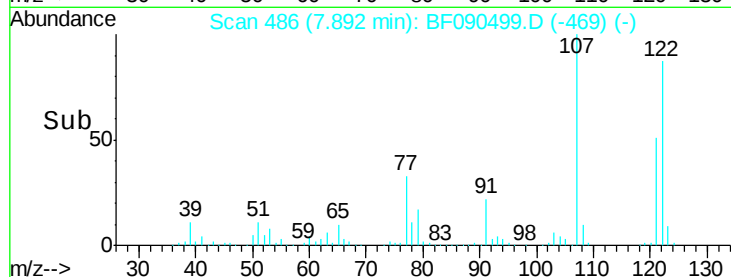
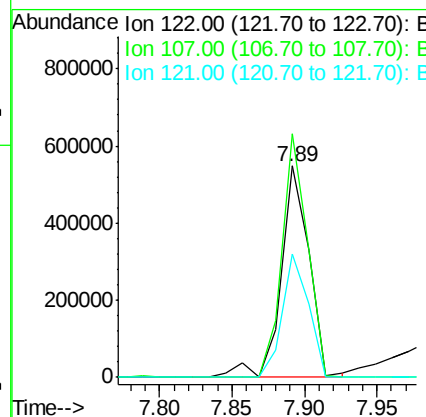
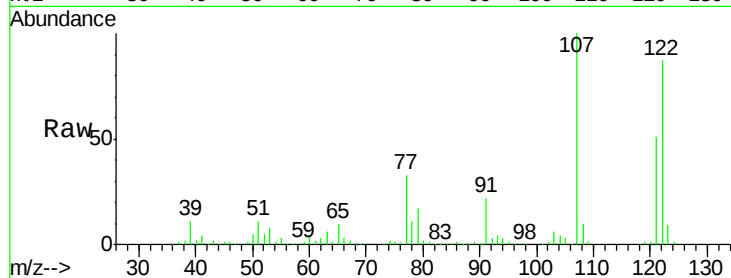


#27
 2,4-Dimethylphenol
 Concen: 48.73 ng
 RT: 7.89 min Scan# 486
 Delta R.T. -0.00 min
 Lab File: BF090499.D
 Acq: 11 Oct 2016 13:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

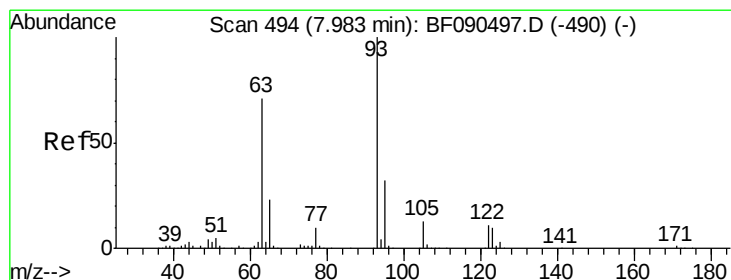
Tgt Ion	Ratio	Lower	Upper
122	100		
107	115.1	88.6	132.8
121	58.4	47.5	71.3

Manual Integrations
 APPROVED



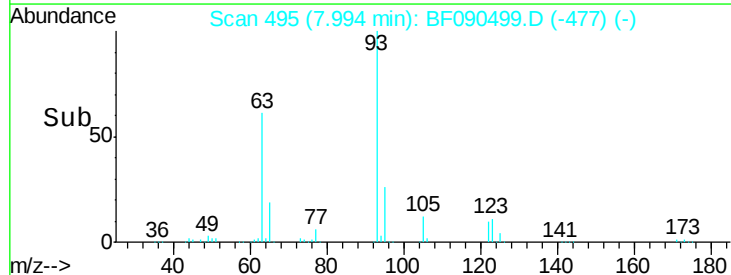
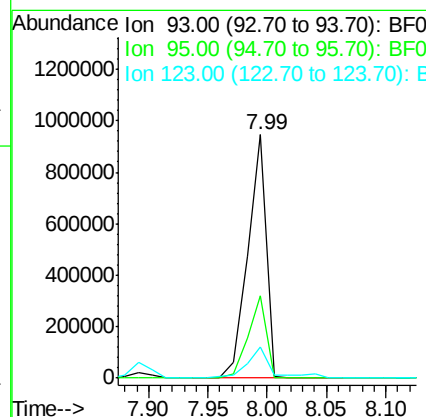
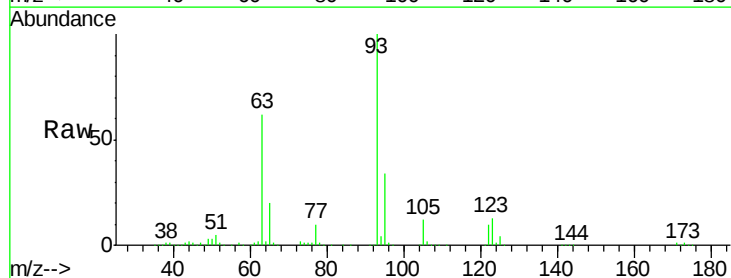
sohil

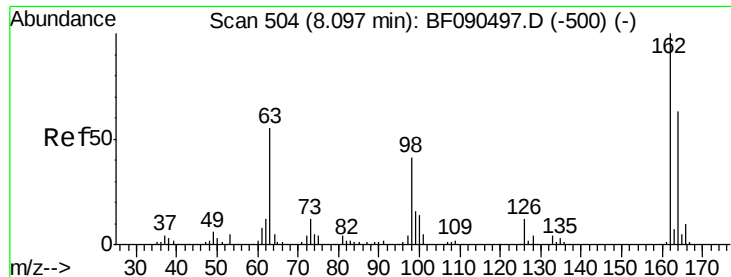
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#28
 bis(2-Chloroethoxy)methane
 Concen: 52.27 ng
 RT: 7.99 min Scan# 495
 Delta R.T. 0.01 min
 Lab File: BF090499.D
 Acq: 11 Oct 2016 13:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	27.0	40.4
123	12.7	11.1	16.7



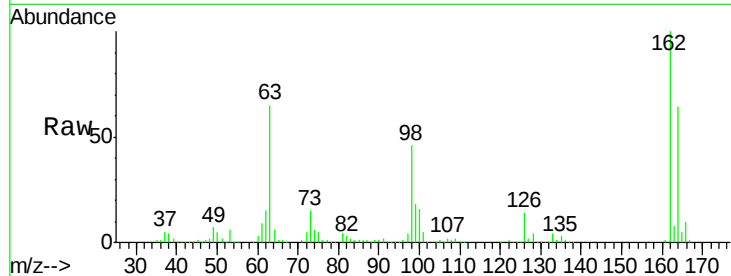


#29
 2,4-Dichlorophenol
 Concen: 53.72 ng
 RT: 8.10 min Scan# 504
 Delta R.T. -0.00 min
 Lab File: BF090499.D
 Acq: 11 Oct 2016 13:14

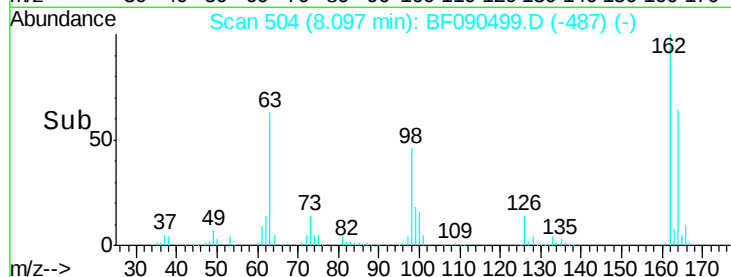
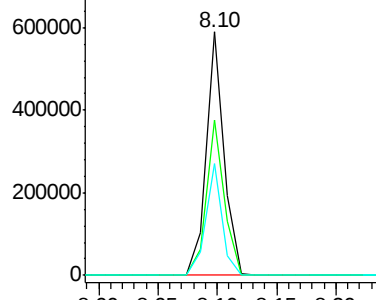
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.7	45.7	85.7
98	45.7	13.3	53.3

Manual Integrations
 APPROVED

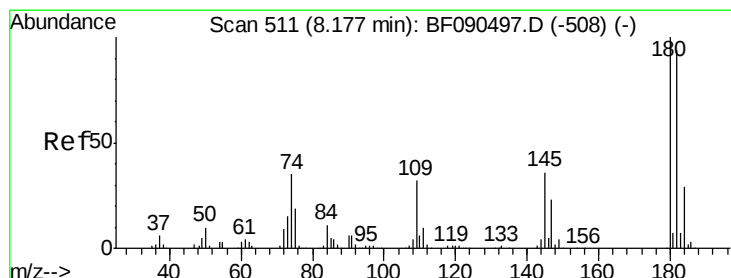


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0



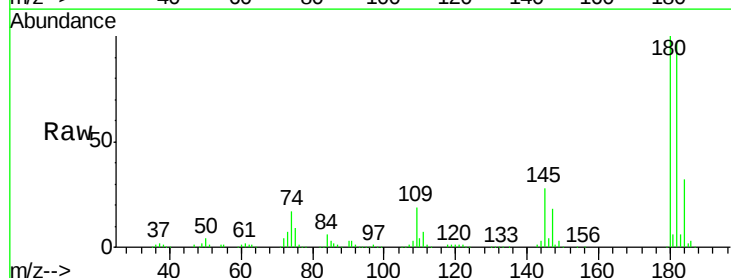
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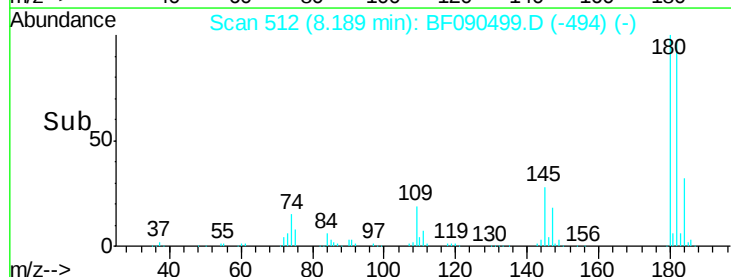
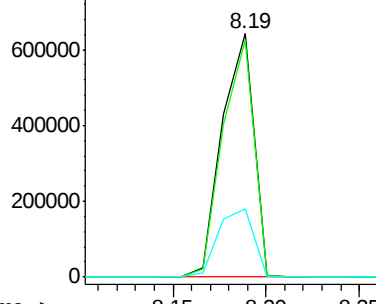


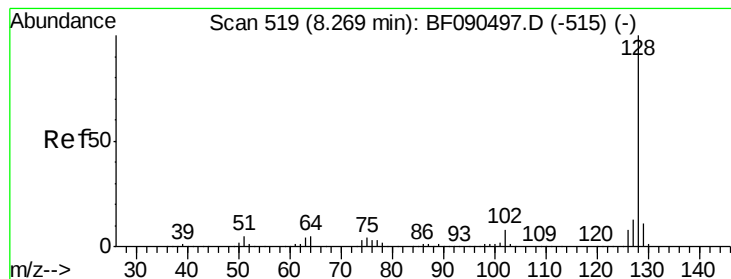
#30
 1,2,4-Trichlorobenzene
 Concen: 64.09 ng
 RT: 8.19 min Scan# 512
 Delta R.T. 0.01 min
 Lab File: BF090499.D
 Acq: 11 Oct 2016 13:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	97.4	75.3	112.9
145	27.9	27.7	41.5



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 57.58 ng

RT: 8.27 min Scan# 519

Delta R.T. -0.00 min

Lab File: BF090499.D

Acq: 11 Oct 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tgt Ion:128 Resp: 2443758

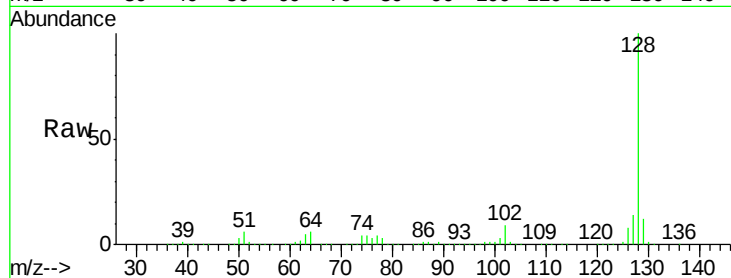
Ion Ratio Lower Upper

128 100

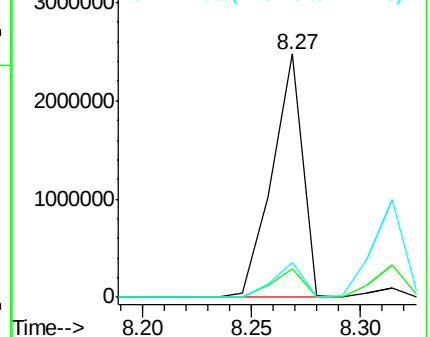
129 11.9 9.7 14.5

127 14.4 11.7 17.5

Manual Integrations
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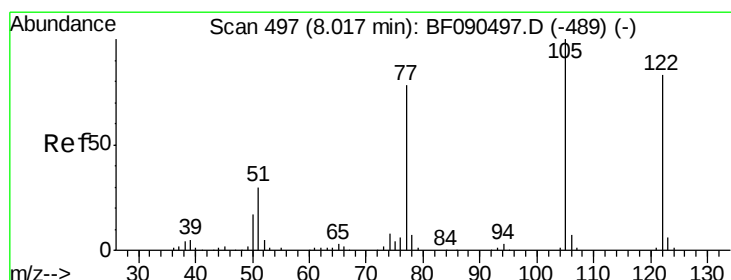
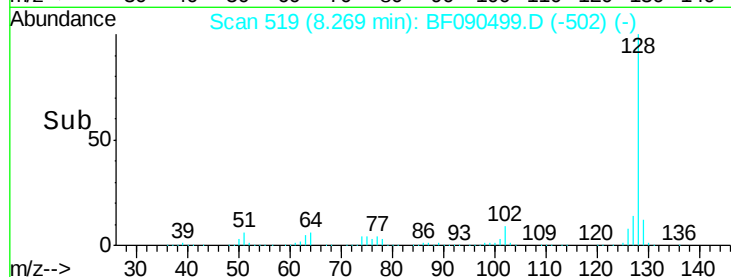


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



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#32

Benzoic acid

Concen: 63.42 ng

RT: 8.04 min Scan# 499

Delta R.T. 0.02 min

Lab File: BF090499.D

Acq: 11 Oct 2016 13:14

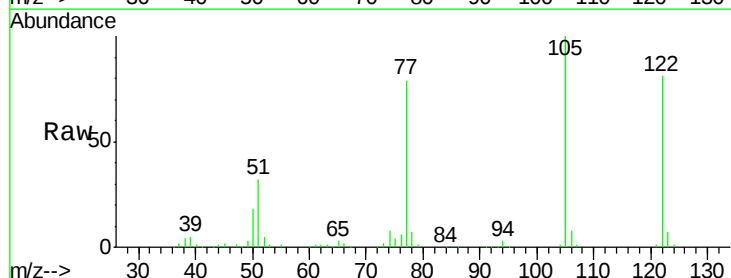
Tgt Ion:122 Resp: 662624

Ion Ratio Lower Upper

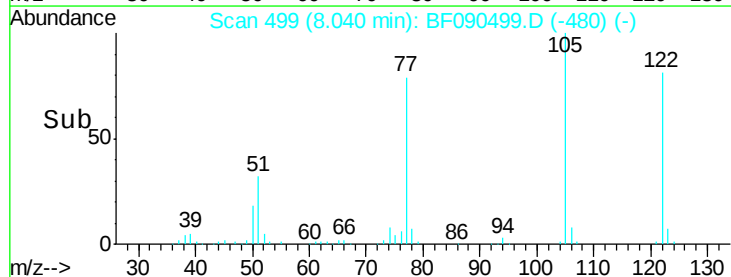
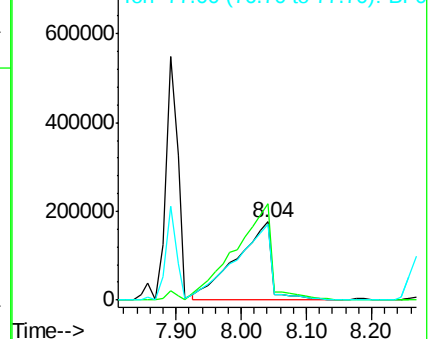
122 100

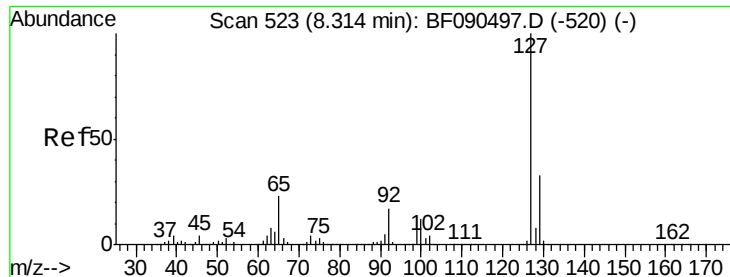
105 123.4 103.9 143.9

77 98.0 74.6 114.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0



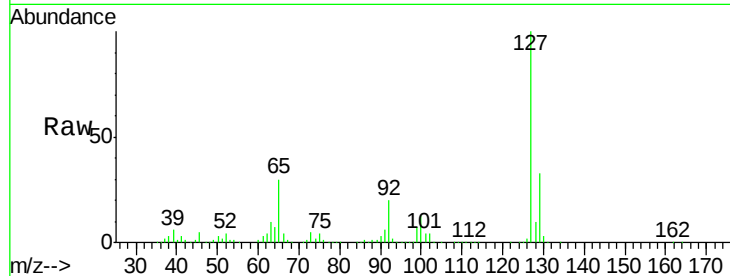


#33
4-Chloroaniline
Concen: 58.40 ng
RT: 8.31 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

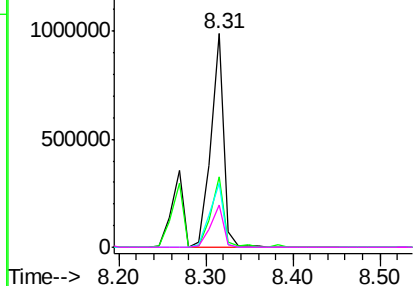
Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.2	39.4
65	29.9	32.5	48.7#
92	19.7	17.2	25.8

Manual Integrations
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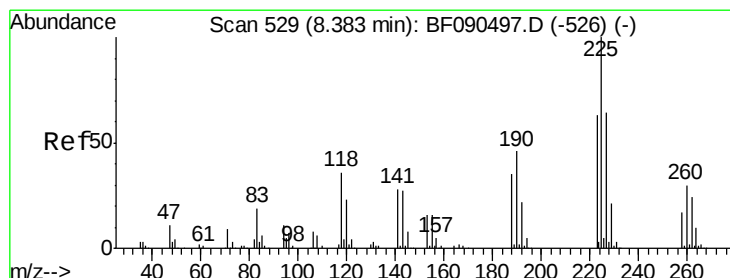
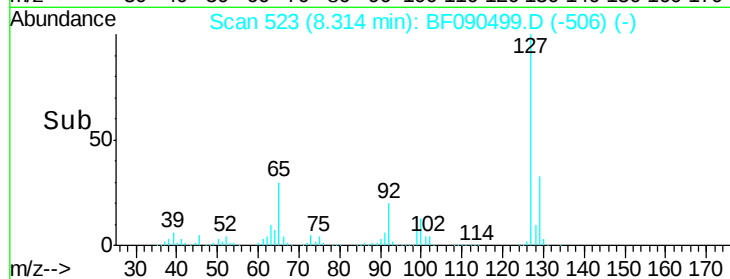


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0



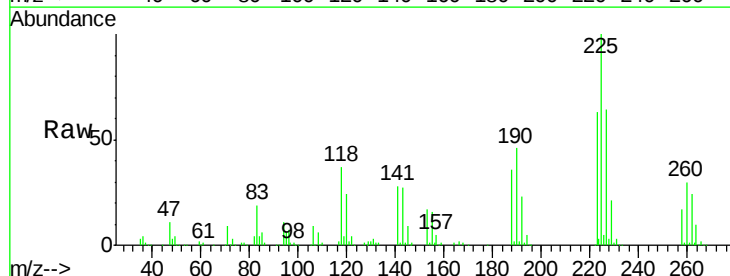
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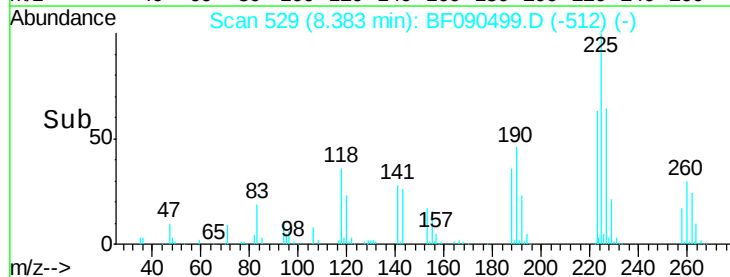
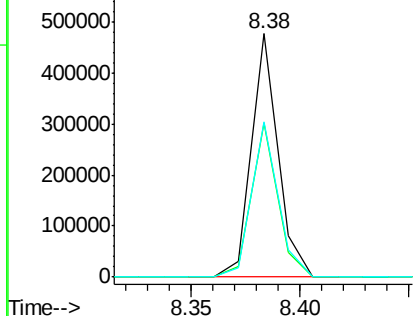


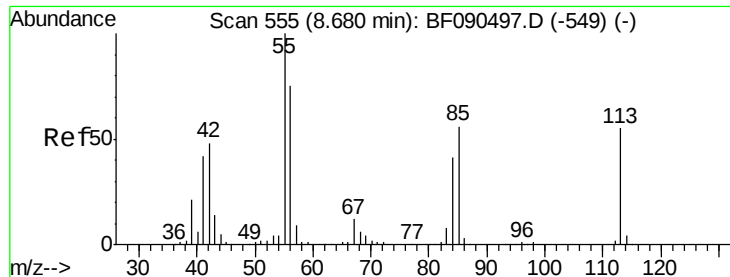
#34
Hexachlorobutadiene
Concen: 61.35 ng
RT: 8.38 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	51.0	76.4
227	63.8	50.8	76.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 52.54 ng

RT: 8.69 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF090499.D

Acq: 11 Oct 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

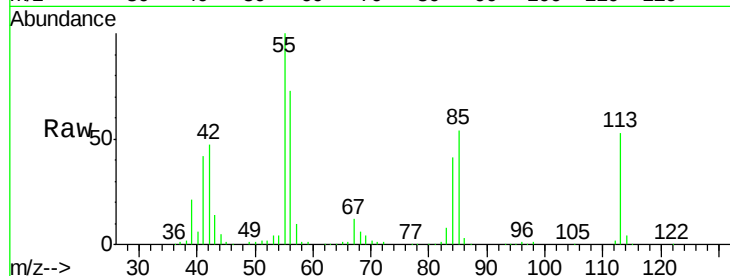
Tgt Ion:113 Resp: 201849
Ion Ratio Lower Upper

113 100

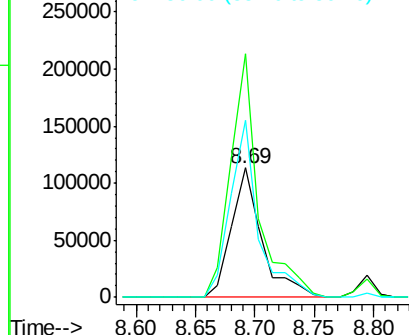
55 188.2 203.3 243.3#

56 136.8 140.5 180.5#

Manual Integrations
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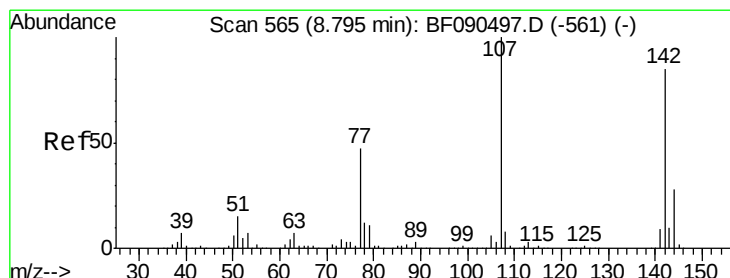
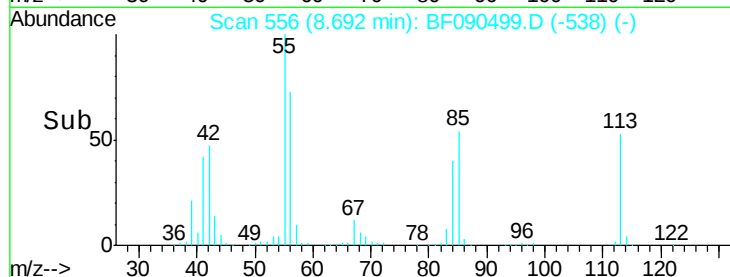


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0



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#36

4-Chloro-3-methylphenol

Concen: 48.12 ng

RT: 8.79 min Scan# 565

Delta R.T. -0.00 min

Lab File: BF090499.D

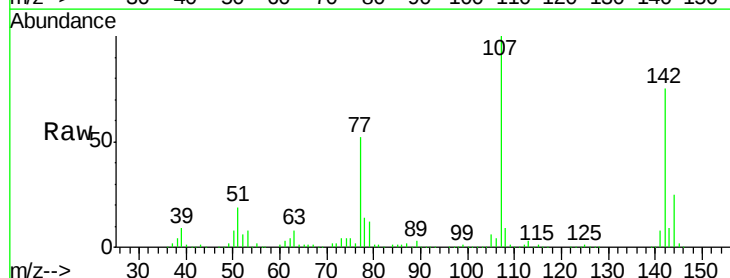
Acq: 11 Oct 2016 13:14

Tgt Ion:107 Resp: 688469
Ion Ratio Lower Upper

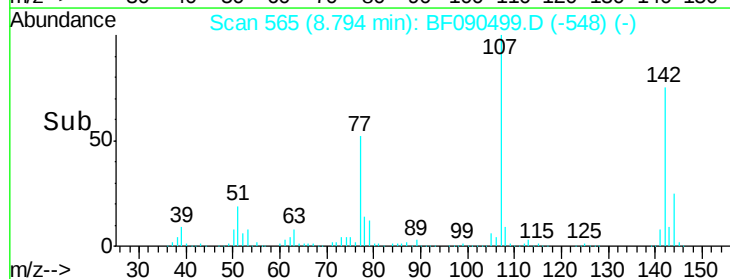
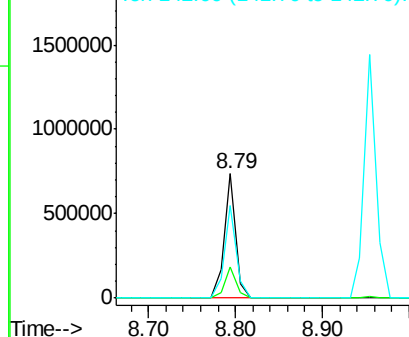
107 100

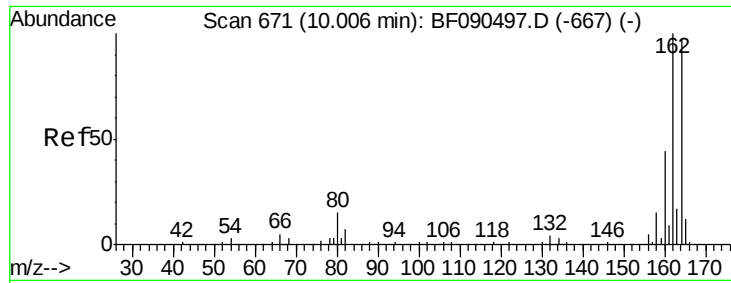
144 24.7 19.8 29.8

142 74.9 60.7 91.1



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E



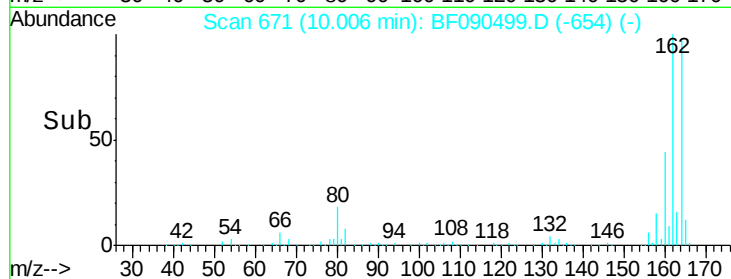
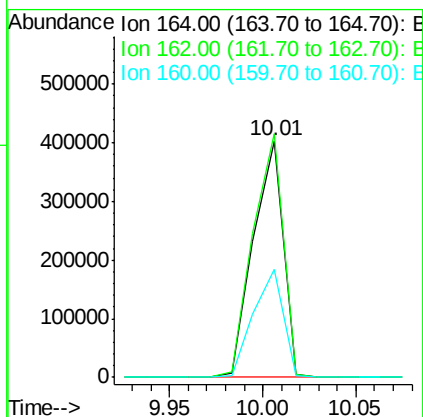
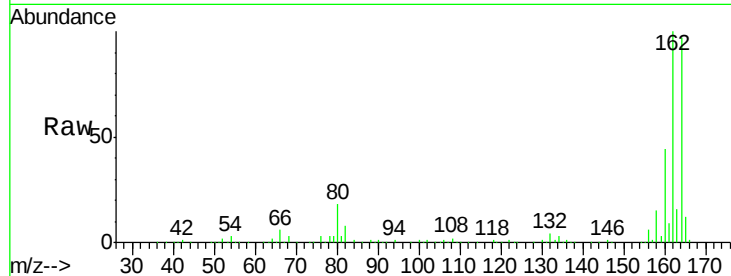


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

Instrument :
BNA_F
ClientSampled :
SSTDIC060

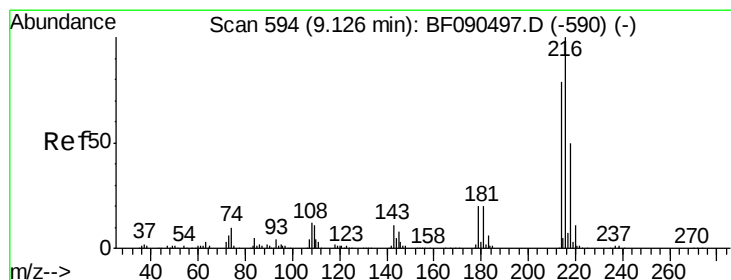
Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	80.1	120.1
160	45.6	36.3	54.5

Manual Integrations
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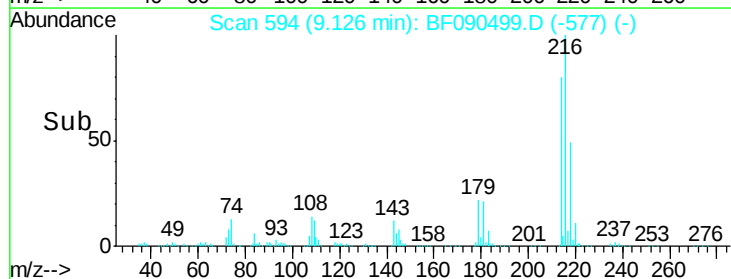
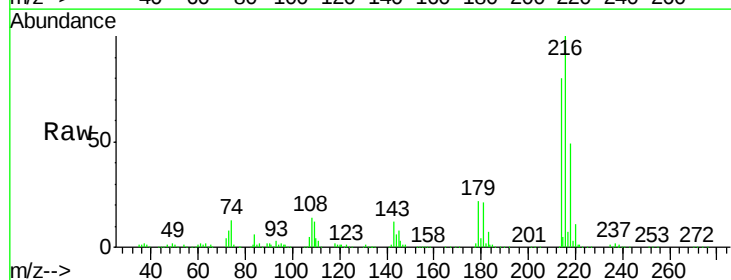
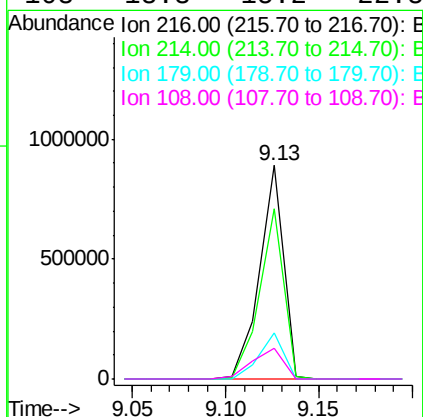
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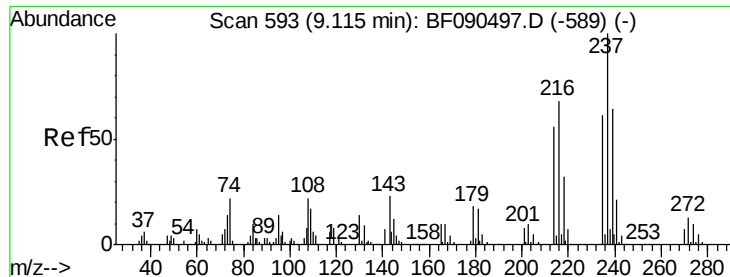
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 67.41 ng
RT: 9.13 min Scan# 594
Delta R.T. -0.00 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.2	64.2	96.2
179	22.3	18.0	27.0
108	18.3	15.2	22.8



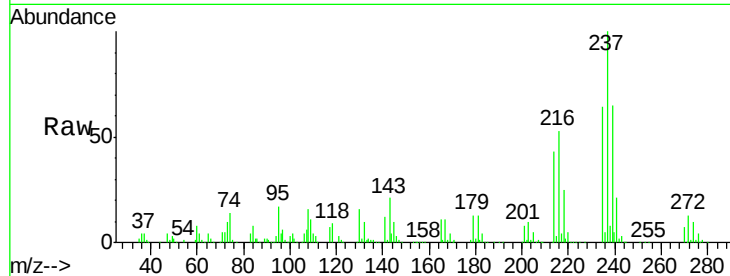


#40
Hexachlorocyclopentadiene
Concen: 59.83 ng
RT: 9.11 min Scan# 593
Delta R.T. -0.00 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

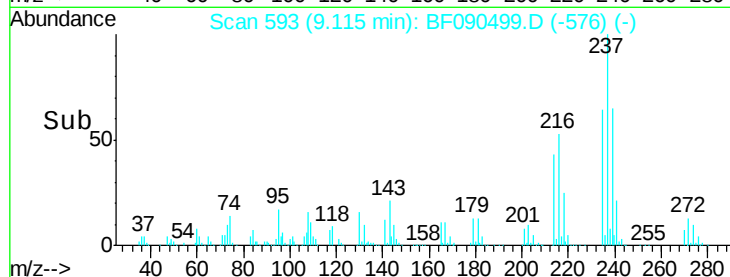
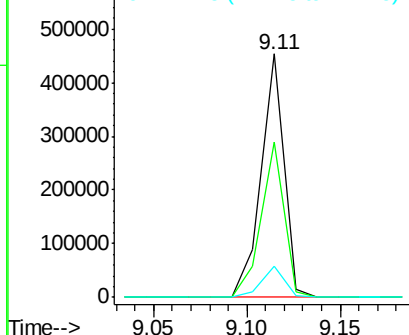
Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	63.6	43.6	83.6
272	13.1	0.0	32.7

Manual Integrations
APPROVED

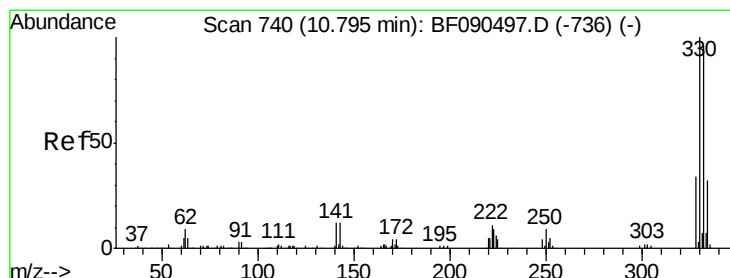


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



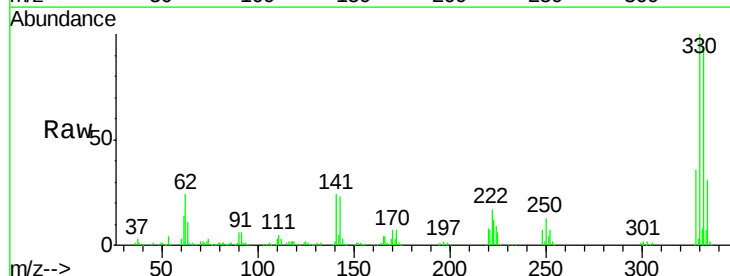
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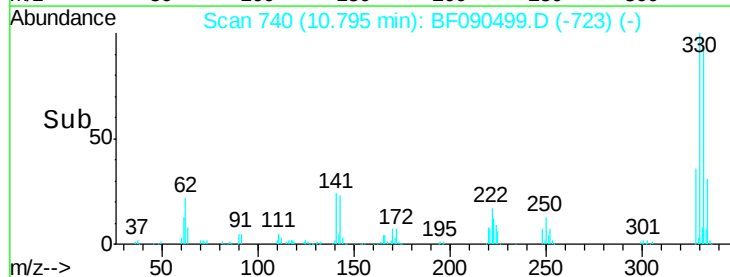
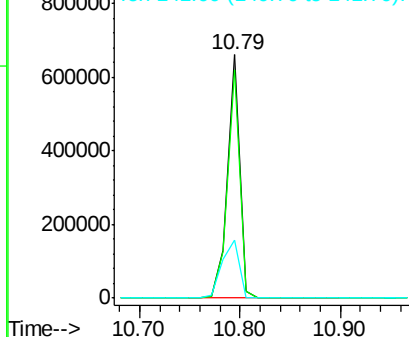


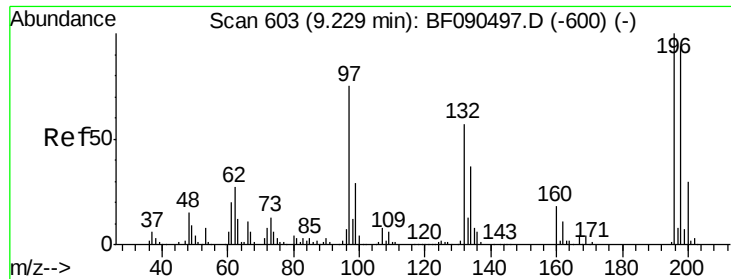
#41
2,4,6-Tribromophenol
Concen: 155.45 ng
RT: 10.79 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	94.5	75.4	113.0
141	33.4	26.9	40.3



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



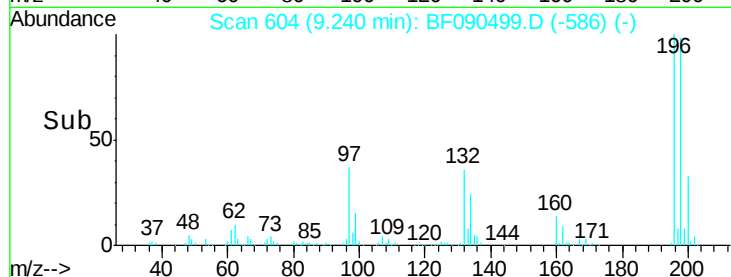
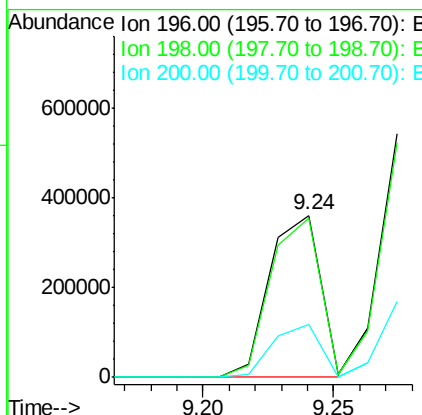
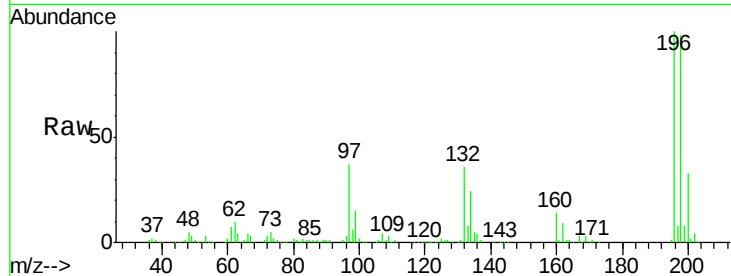


#42
2,4,6-Trichlorophenol
Concen: 60.12 ng
RT: 9.24 min Scan# 604
Delta R.T. 0.01 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

Instrument :
BNA_F
ClientSampled :
SSTDIC060

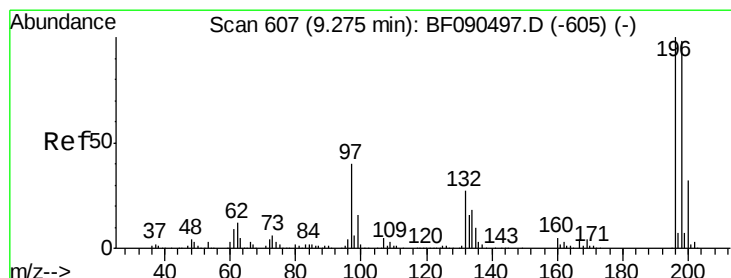
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	486332		
198	97.9	78.9	118.3	
200	32.7	25.4	38.2	

Manual Integrations
APPROVED



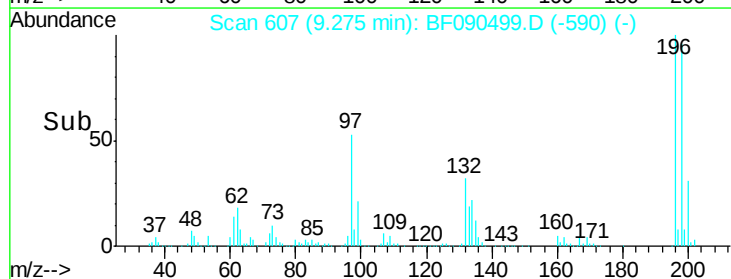
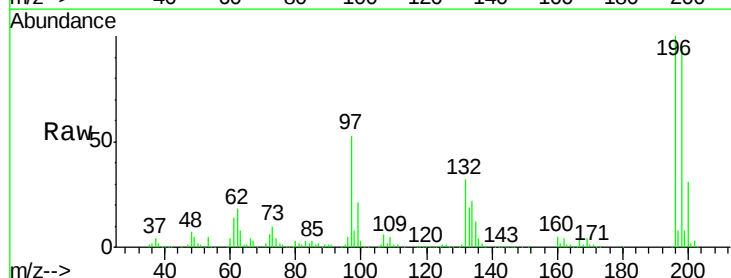
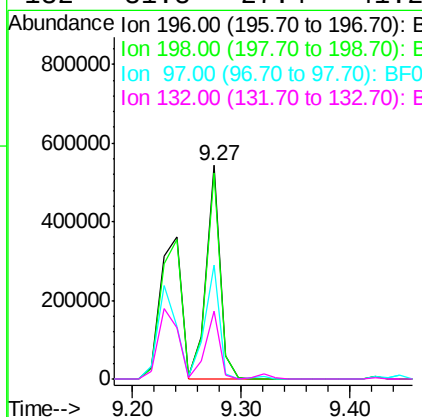
sohil

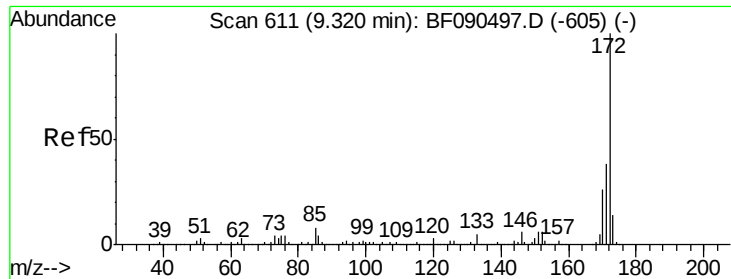
10/12/2016 4:08:10 PM



#43
2,4,5-Trichlorophenol
Concen: 64.50 ng
RT: 9.27 min Scan# 607
Delta R.T. -0.00 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	493346		
198	96.5	78.1	117.1	
97	53.4	48.1	72.1	
132	31.8	27.4	41.2	





#44

2-Fluorobiphenyl

Concen: 99.78 ng

RT: 9.32 min Scan# 611

Delta R.T. -0.00 min

Lab File: BF090499.D

Acq: 11 Oct 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tgt Ion:172 Resp: 2662896

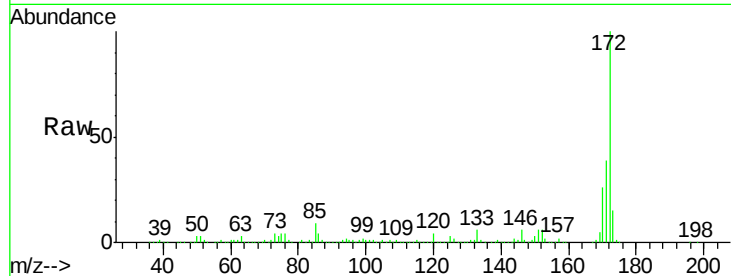
Ion Ratio Lower Upper

172 100

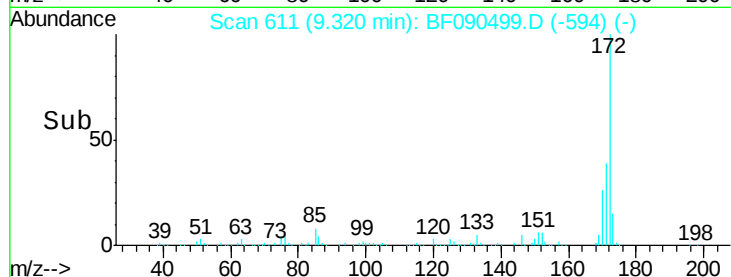
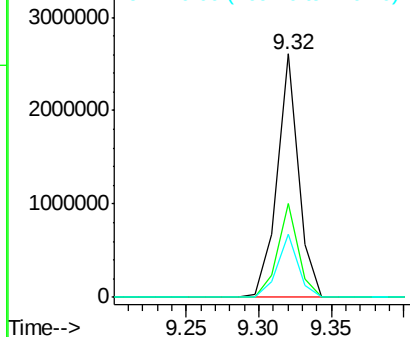
171 38.6 31.8 47.8

170 26.0 21.7 32.5

Manual Integrations
APPROVED

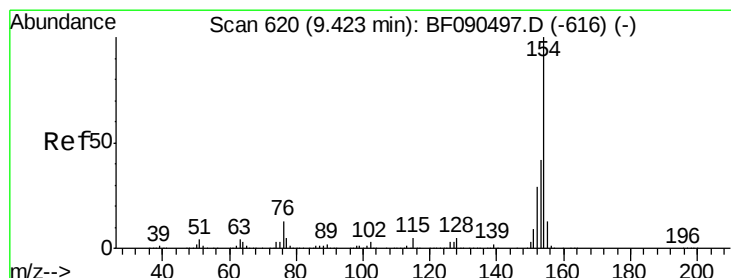


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



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#45

1,1'-Biphenyl

Concen: 56.37 ng

RT: 9.42 min Scan# 620

Delta R.T. -0.00 min

Lab File: BF090499.D

Acq: 11 Oct 2016 13:14

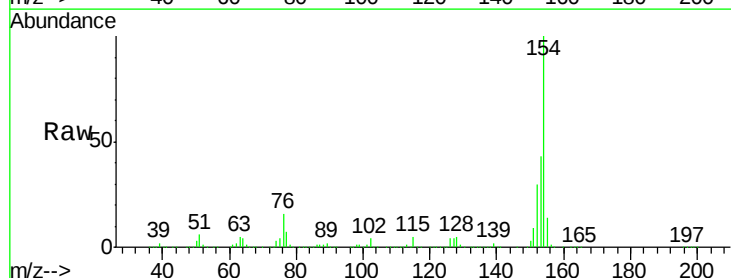
Tgt Ion:154 Resp: 1857304

Ion Ratio Lower Upper

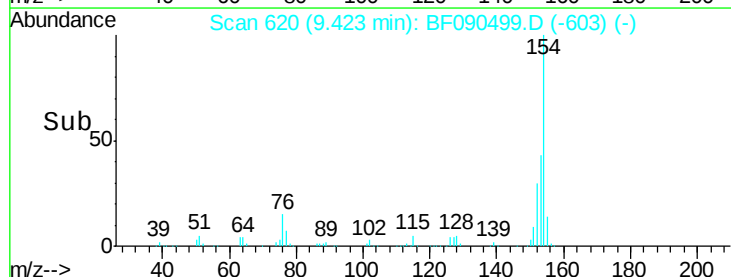
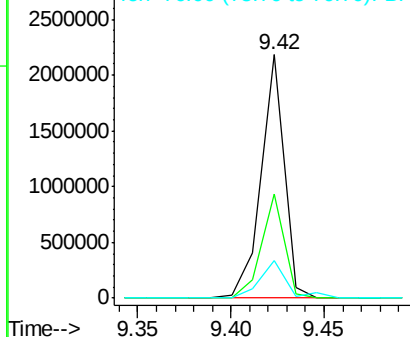
154 100

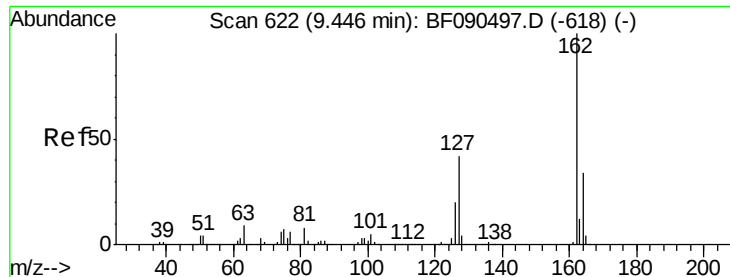
153 42.5 23.8 63.8

76 15.5 0.0 35.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0





#46

2-Chloronaphthalene

Concen: 55.62 ng

RT: 9.45 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF090499.D

Acq: 11 Oct 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tgt Ion: 162 Resp: 1353953

Ion Ratio Lower Upper

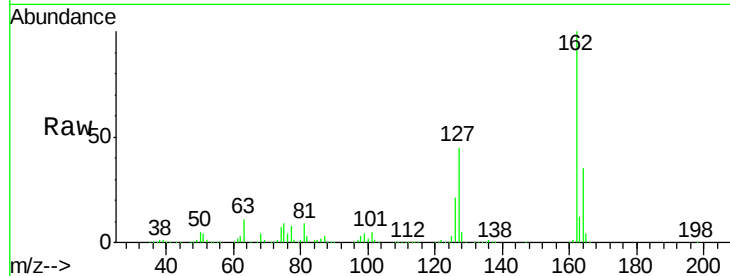
162 100

127 44.6 35.6 53.4

164 34.6 27.5 41.3

Manual Integrations

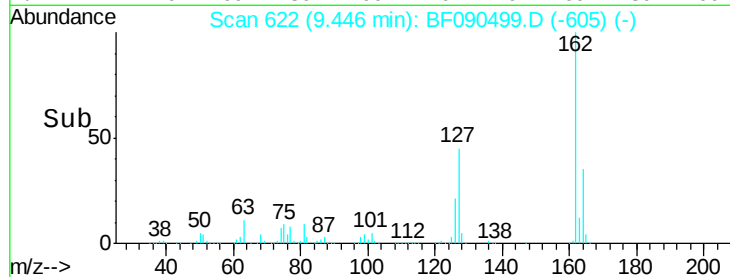
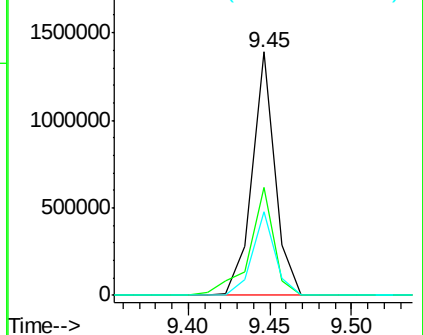
APPROVED



Abundance Ion 162.00 (161.70 to 162.70): E

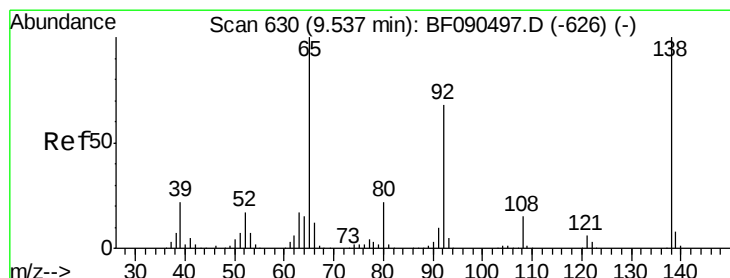
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



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#47

2-Nitroaniline

Concen: 47.75 ng

RT: 9.54 min Scan# 630

Delta R.T. -0.00 min

Lab File: BF090499.D

Acq: 11 Oct 2016 13:14

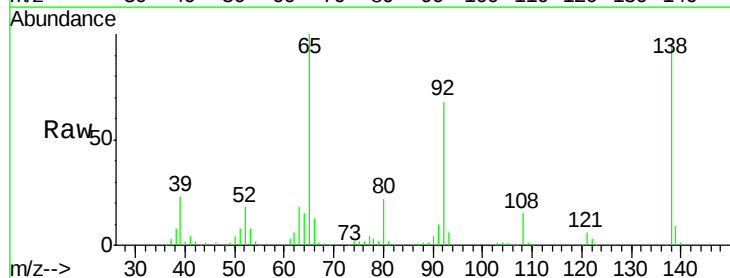
Tgt Ion: 65 Resp: 458617

Ion Ratio Lower Upper

65 100

92 68.4 51.7 77.5

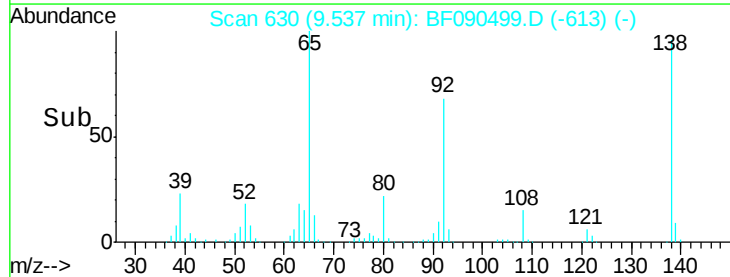
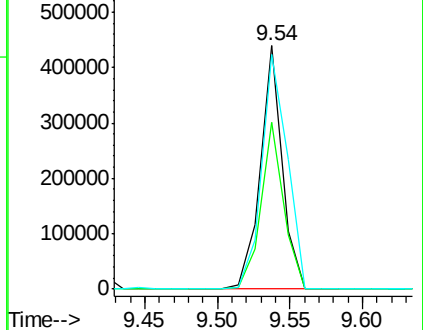
138 96.2 79.0 118.4

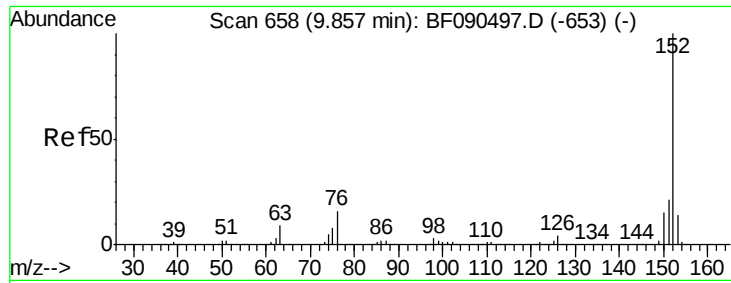


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 59.25 ng

RT: 9.87 min Scan# 659

Delta R.T. 0.01 min

Lab File: BF090499.D

Acq: 11 Oct 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tgt Ion:152 Resp: 2379778

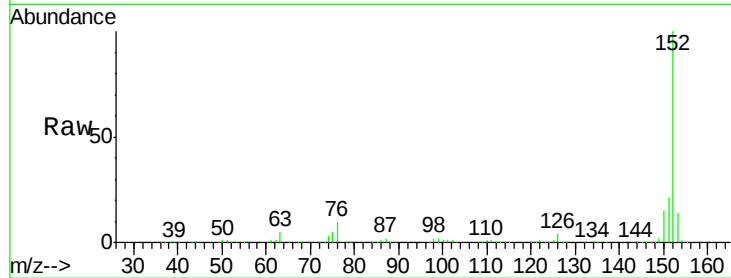
Ion Ratio Lower Upper

152 100

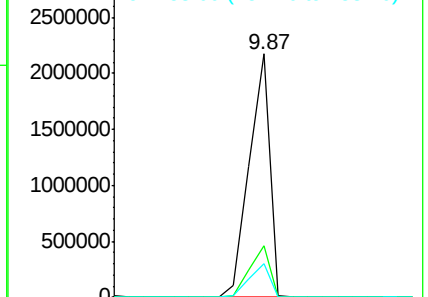
151 21.4 17.4 26.0

153 14.0 11.6 17.4

Manual Integrations
APPROVED

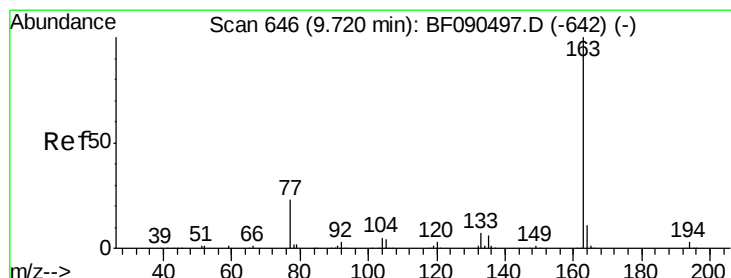
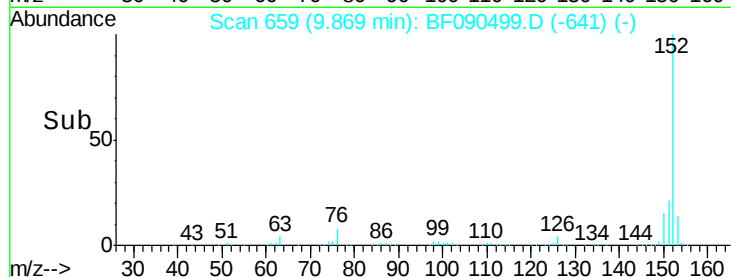


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



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#49

Dimethylphthalate

Concen: 61.39 ng

RT: 9.73 min Scan# 647

Delta R.T. 0.01 min

Lab File: BF090499.D

Acq: 11 Oct 2016 13:14

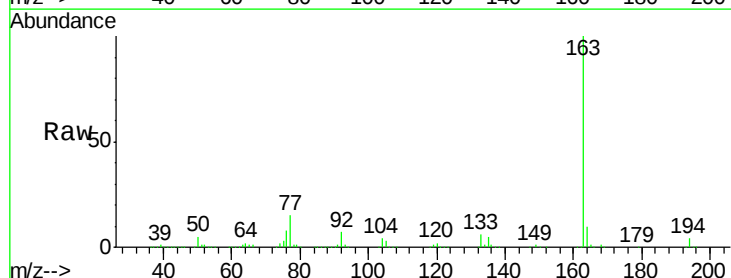
Tgt Ion:163 Resp: 1748310

Ion Ratio Lower Upper

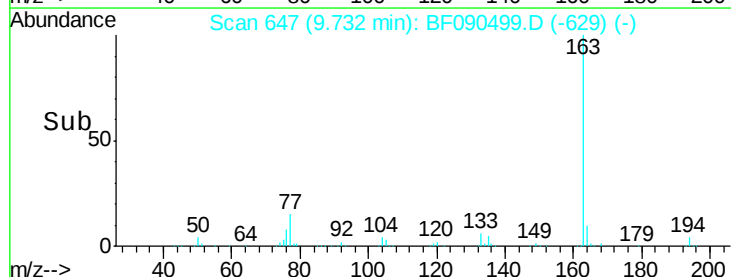
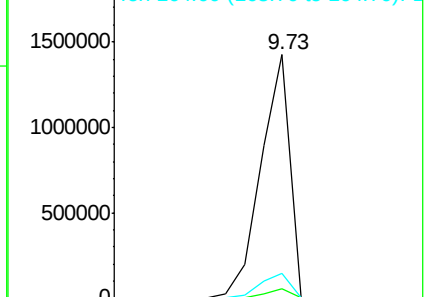
163 100

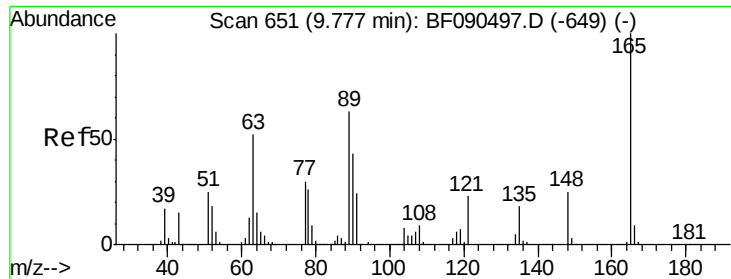
194 4.1 2.8 4.2

164 10.3 9.0 13.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



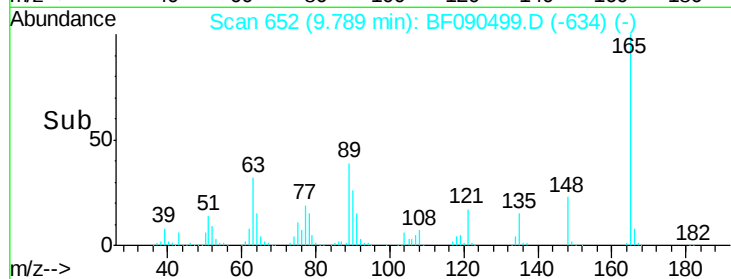
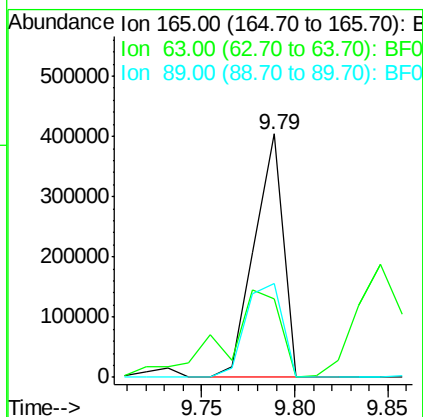
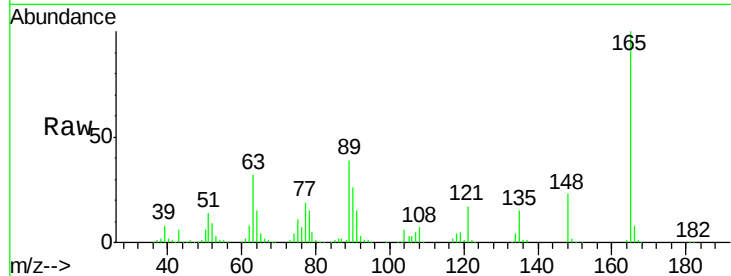


#50
2,6-Dinitrotoluene
Concen: 68.32 ng
RT: 9.79 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

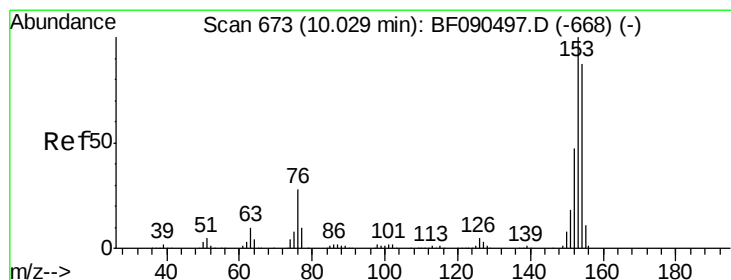
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	431936		
63	32.4	58.0	87.0#	
89	38.6	51.2	76.8#	

Manual Integrations
APPROVED



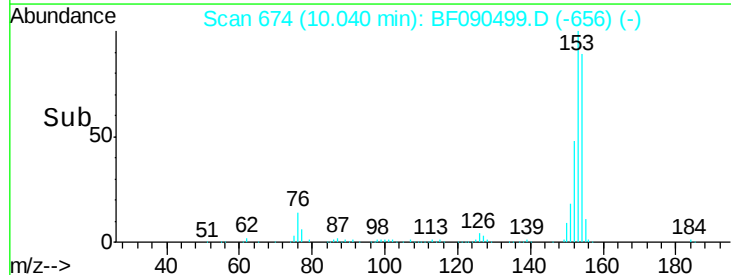
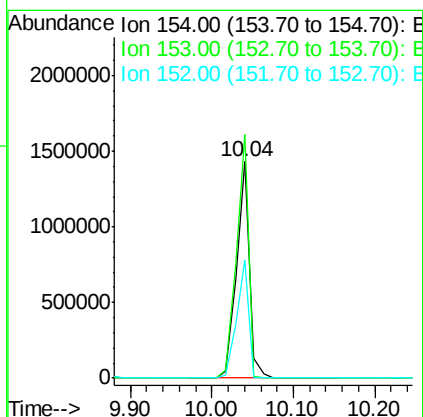
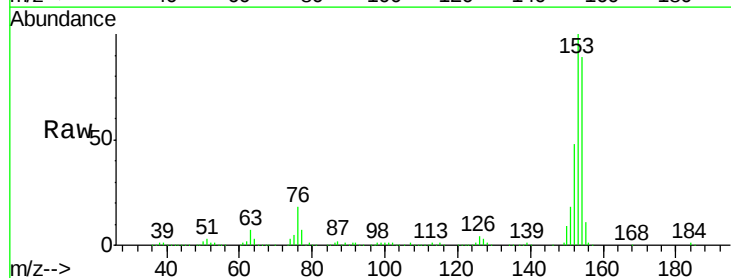
sohil

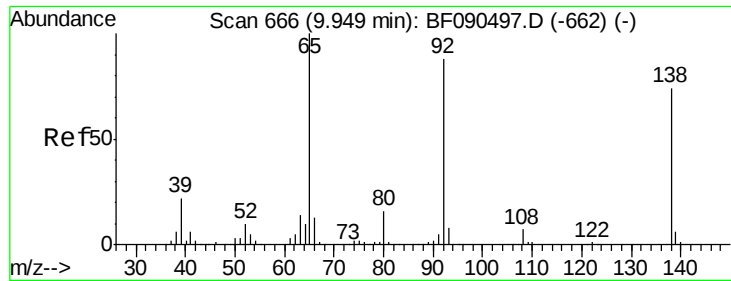
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#51
Acenaphthene
Concen: 62.99 ng
RT: 10.04 min Scan# 674
Delta R.T. 0.01 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1577558		
153	112.6	88.6	133.0	
152	54.5	42.6	64.0	



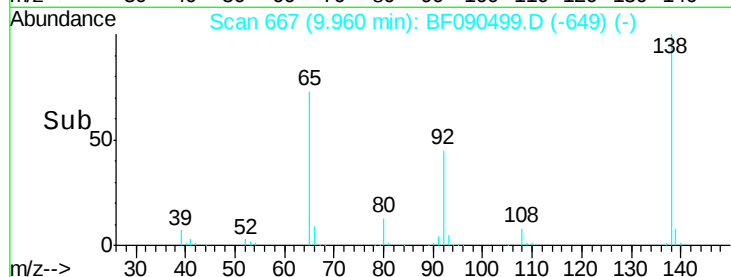
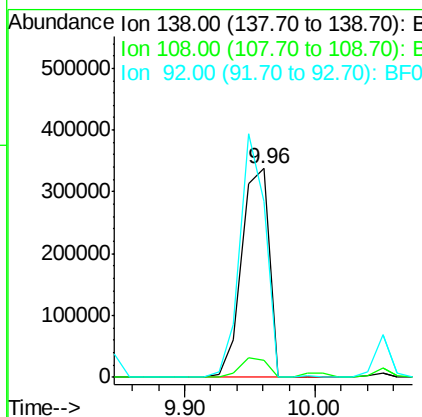
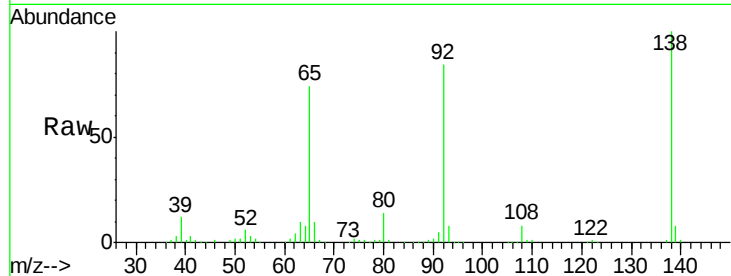


#52
 3-Nitroaniline
 Concen: 66.63 ng
 RT: 9.96 min Scan# 667
 Delta R.T. 0.01 min
 Lab File: BF090499.D
 Acq: 11 Oct 2016 13:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

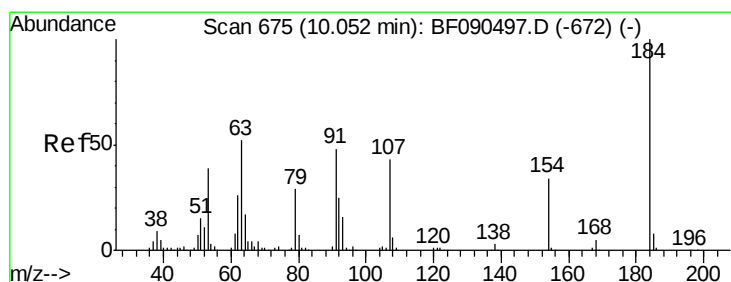
Tgt Ion	Ratio	Lower	Upper
138	100		
108	8.1	9.7	14.5#
92	84.4	97.1	145.7#

Manual Integrations
 APPROVED



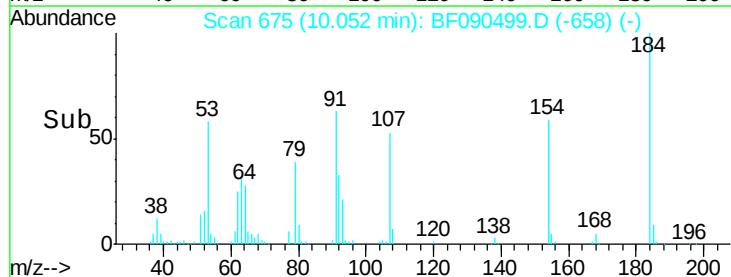
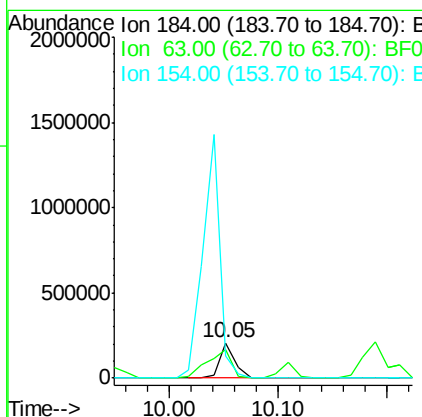
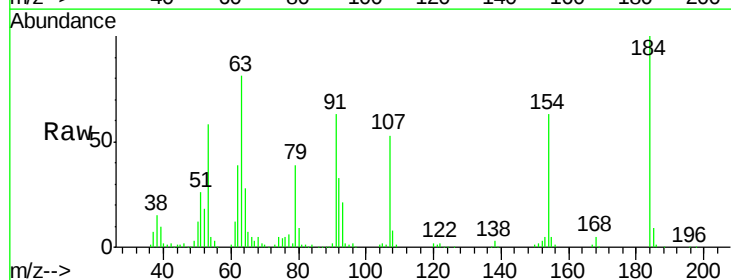
sohil

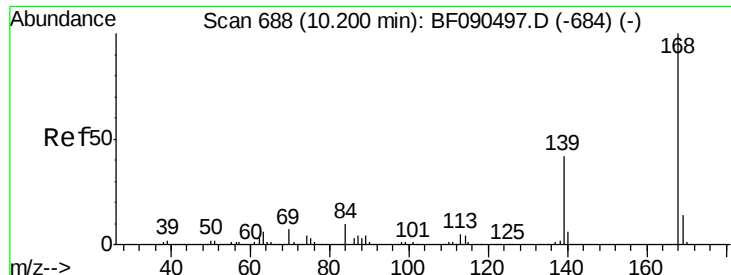
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#53
 2,4-Dinitrophenol
 Concen: 72.60 ng
 RT: 10.05 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: BF090499.D
 Acq: 11 Oct 2016 13:14

Tgt Ion	Ratio	Lower	Upper
184	100		
63	81.4	41.9	62.9#
154	63.4	48.9	73.3



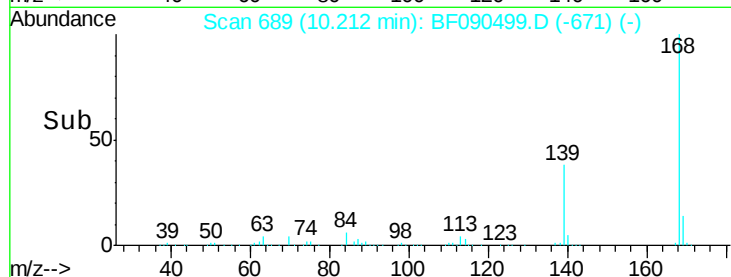
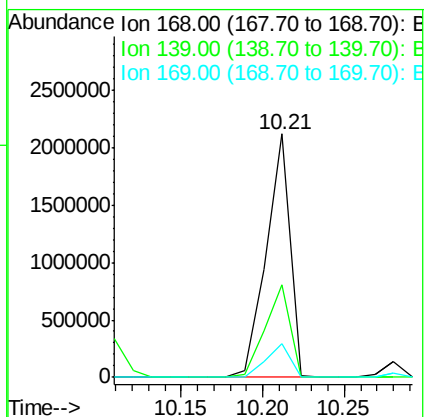
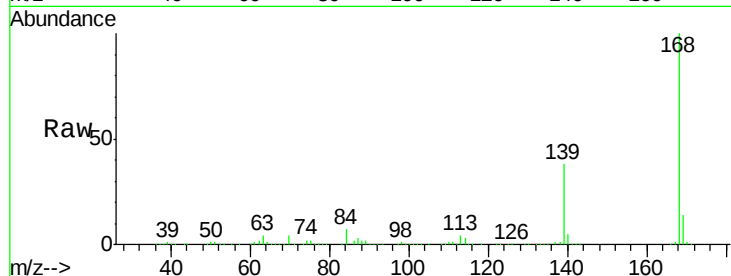


#54
Dibenzenofuran
Concen: 66.40 ng
RT: 10.21 min Scan# 689
Delta R.T. 0.01 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

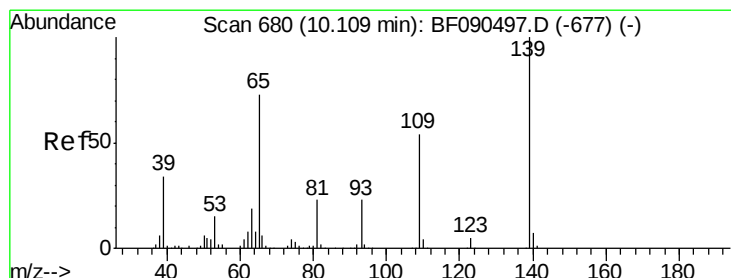
Tgt Ion:168 Resp: 2152375
Ion Ratio Lower Upper
168 100
139 38.2 29.6 44.4
169 14.0 11.3 16.9

Manual Integrations
APPROVED



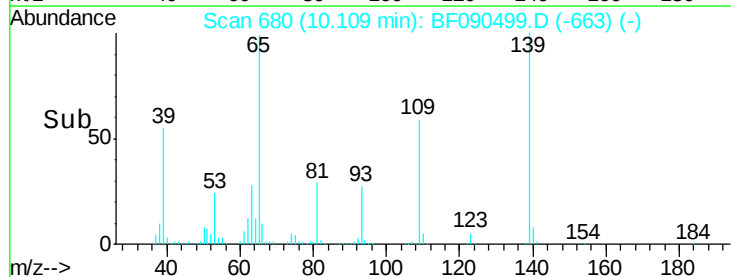
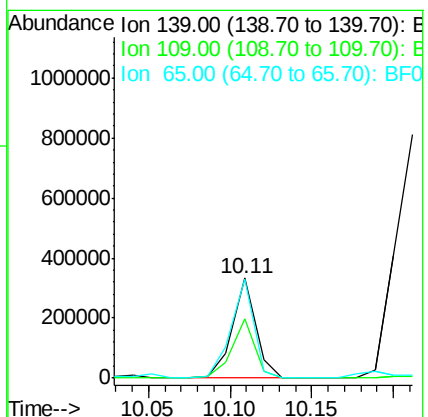
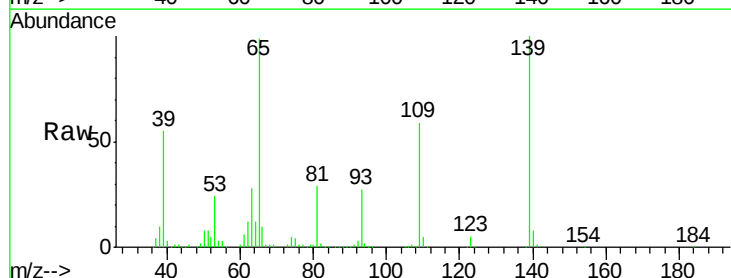
sohil

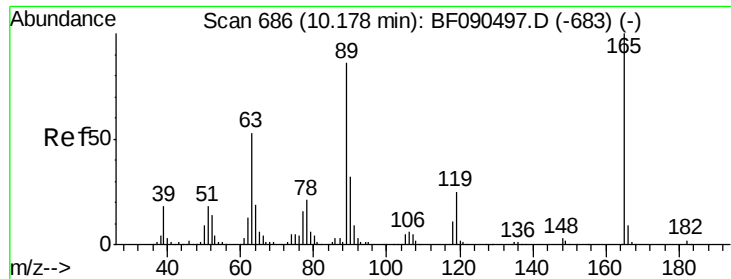
10/12/2016 4:08:10 PM



#55
4-Nitrophenol
Concen: 51.44 ng
RT: 10.11 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

Tgt Ion:139 Resp: 332414
Ion Ratio Lower Upper
139 100
109 58.9 43.6 83.6
65 98.9 87.5 127.5



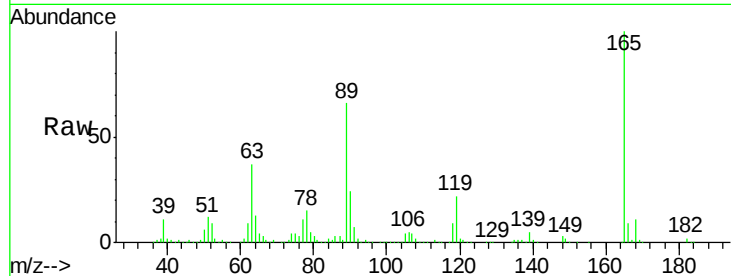


#56
2,4-Dinitrotoluene
Concen: 67.17 ng
RT: 10.19 min Scan# 687
Delta R.T. 0.01 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	37.1	17.8	26.6#
89	65.8	33.2	49.8#
182	2.4	2.1	3.1

Manual Integrations
APPROVED

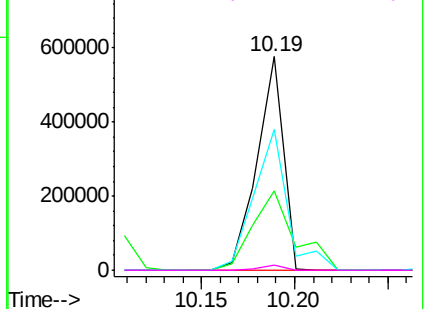


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

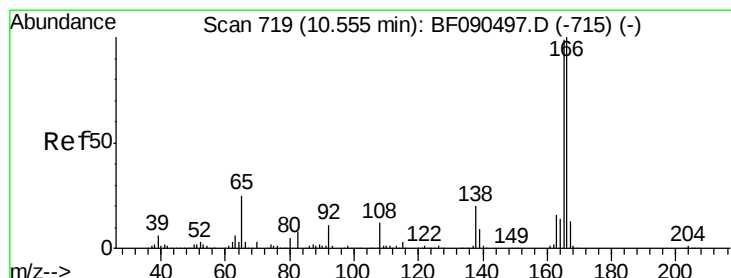
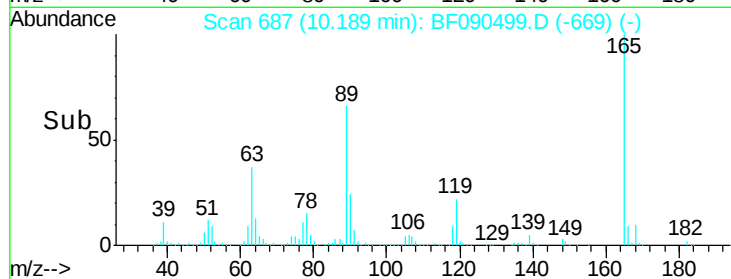
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



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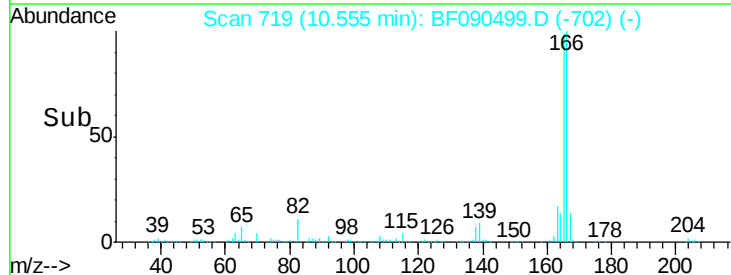
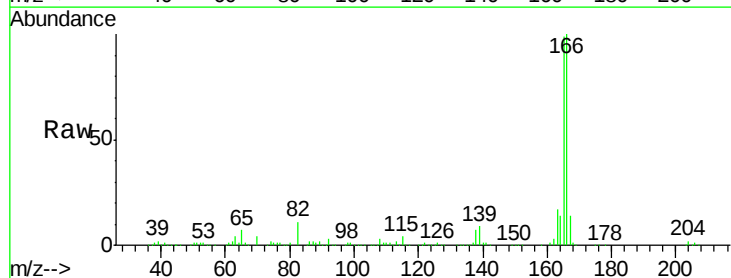
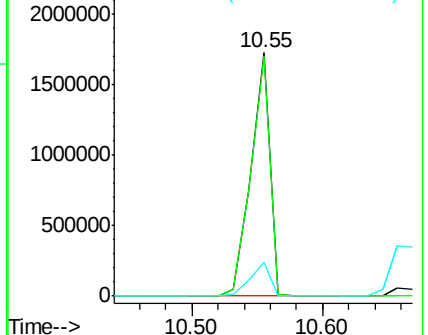
#57
Fluorene
Concen: 63.85 ng
RT: 10.55 min Scan# 719
Delta R.T. -0.00 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

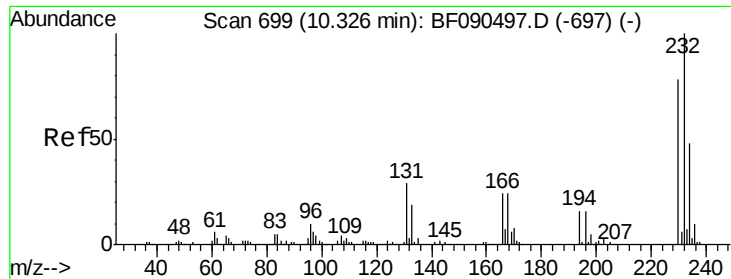
Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	98.6	79.2	118.8
167	13.7	11.1	16.7

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



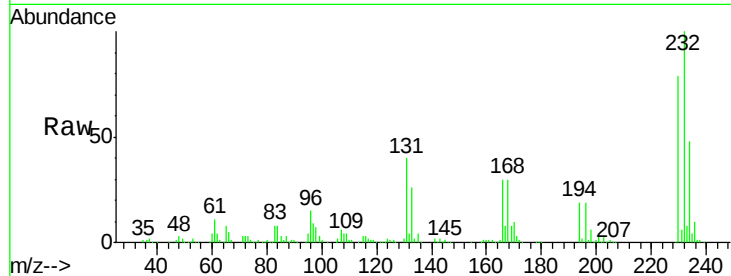


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 80.07 ng
 RT: 10.33 min Scan# 699
 Delta R.T. -0.00 min
 Lab File: BF090499.D
 Acq: 11 Oct 2016 13:14

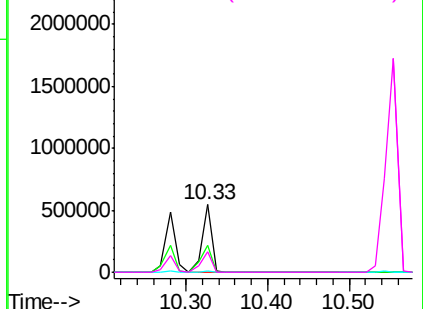
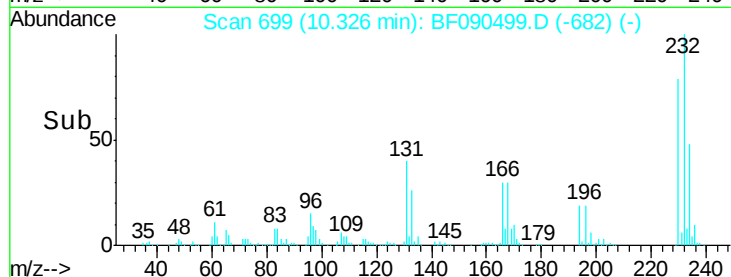
Instrument :
 BNA_F
 ClientSampled :
 SSTDICC060

Tgt Ion	Ratio	Lower	Upper
232	100		
131	45.9	34.5	51.7
130	2.1	1.6	2.4
166	32.9	23.8	35.8

Manual Integrations
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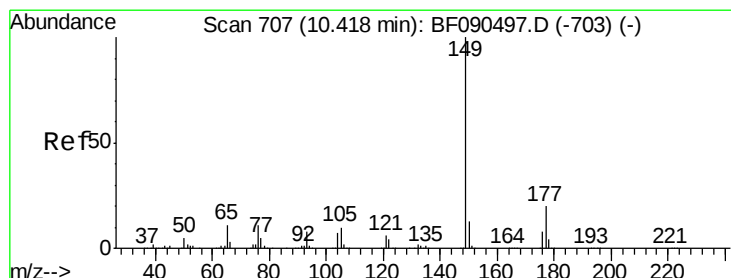


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E



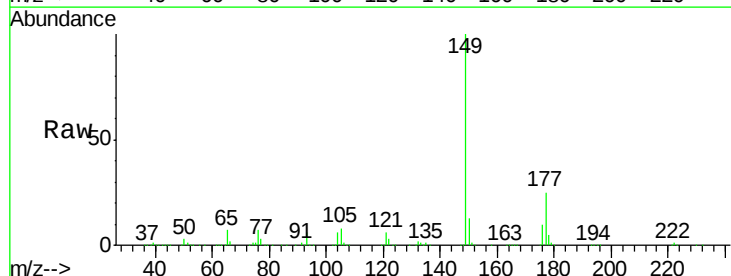
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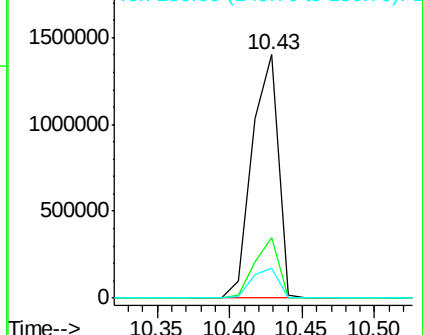
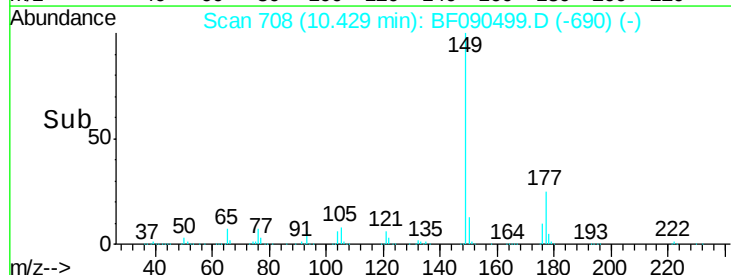


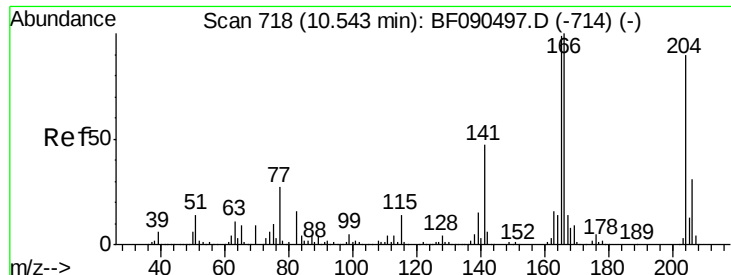
#59
 Diethylphthalate
 Concen: 59.44 ng
 RT: 10.43 min Scan# 708
 Delta R.T. 0.01 min
 Lab File: BF090499.D
 Acq: 11 Oct 2016 13:14

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.9	21.1	31.7
150	12.5	10.2	15.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E



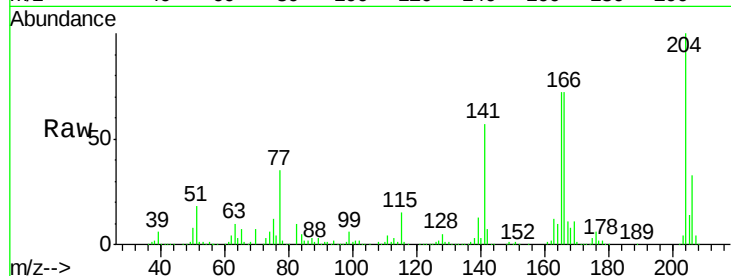


#60
4-Chlorophenyl-phenylether
Concen: 66.82 ng
RT: 10.54 min Scan# 718
Delta R.T. -0.00 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

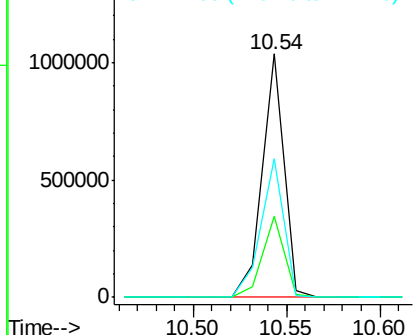
Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.7	40.1
141	56.9	51.7	77.5

Manual Integrations
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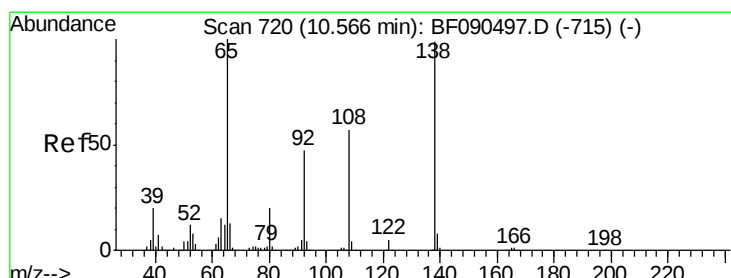
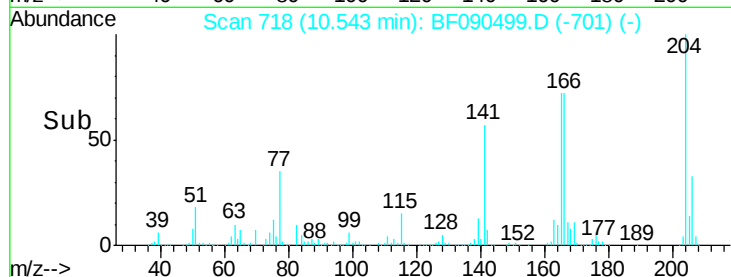


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



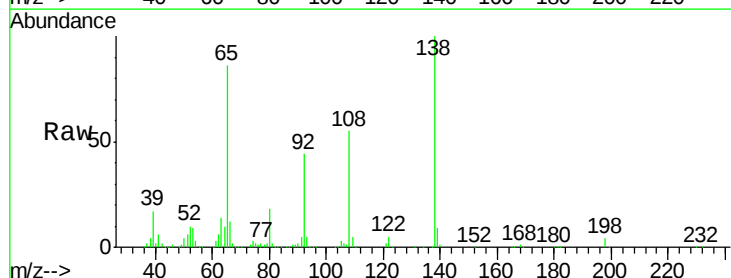
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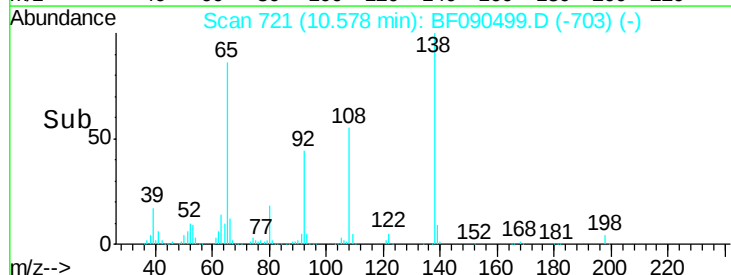
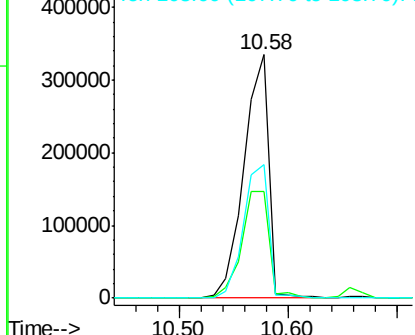


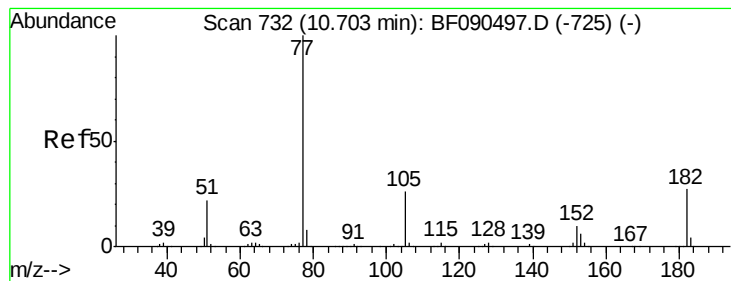
#61
4-Nitroaniline
Concen: 70.81 ng
RT: 10.58 min Scan# 721
Delta R.T. 0.01 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

Tgt Ion	Ratio	Lower	Upper
138	100		
92	43.8	33.2	73.2
108	54.9	48.5	88.5



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 53.69 ng

RT: 10.70 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF090499.D

Acq: 11 Oct 2016 13:14

Instrument :

BNA_F

ClientSampled :

SSTDIC060

Tgt Ion: 77 Resp: 1827310

Ion Ratio Lower Upper

77 100

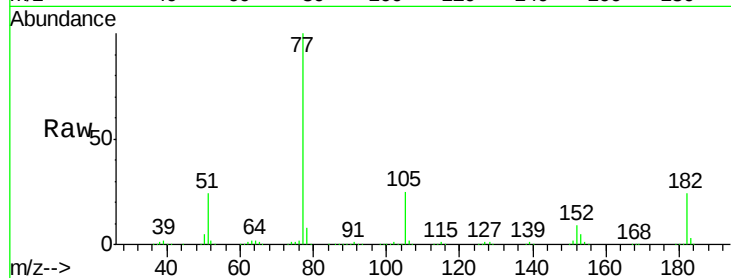
182 24.4 3.2 43.2

105 25.4 2.9 42.9

51 23.9 14.2 54.2

Manual Integrations

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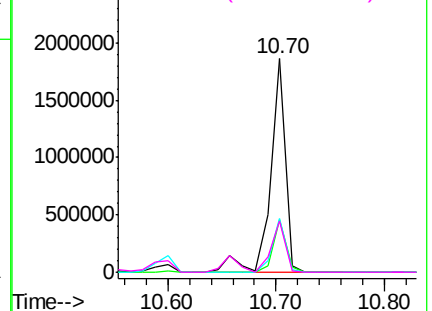


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

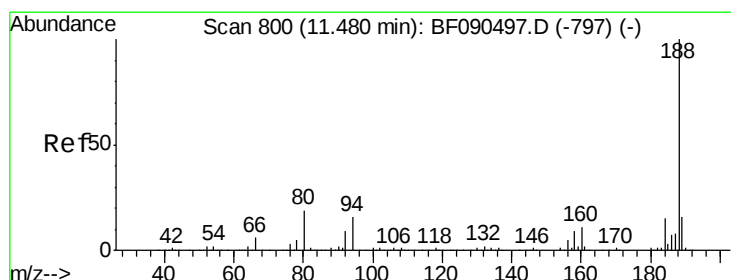
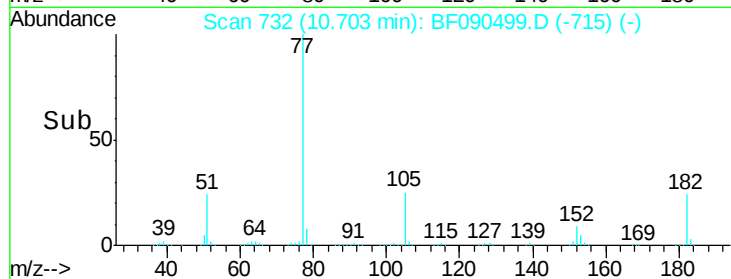
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



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#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.49 min Scan# 801

Delta R.T. 0.01 min

Lab File: BF090499.D

Acq: 11 Oct 2016 13:14

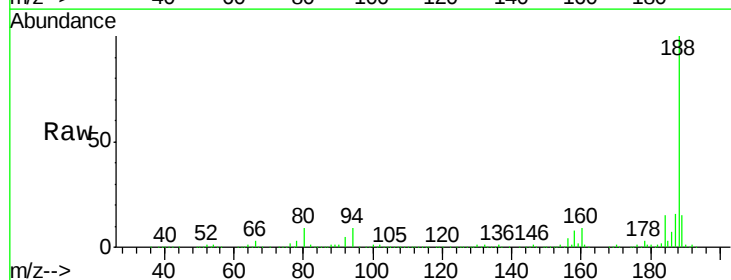
Tgt Ion: 188 Resp: 757262

Ion Ratio Lower Upper

188 100

94 8.6 8.2 12.2

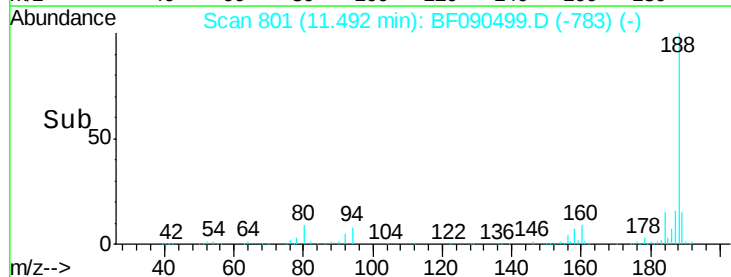
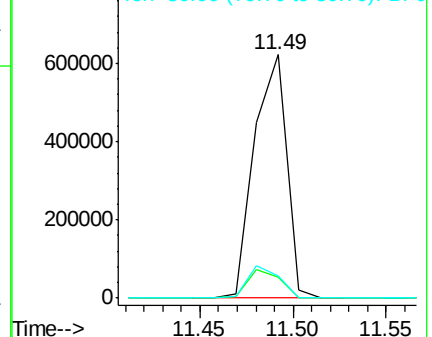
80 9.3 8.8 13.2

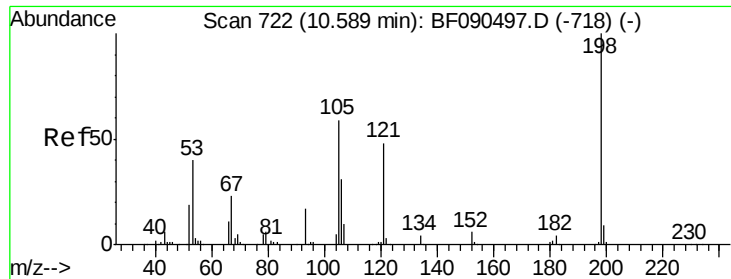


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



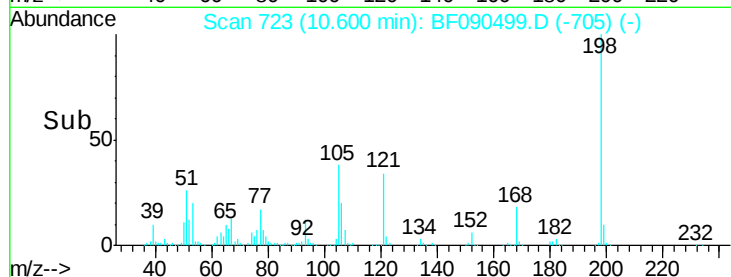
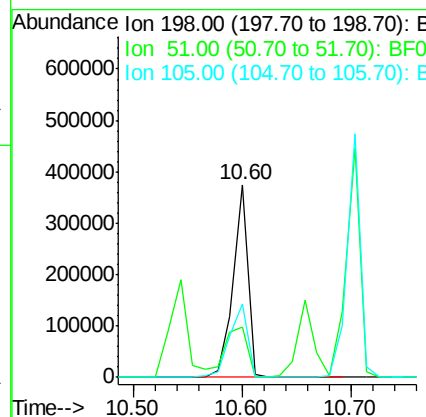
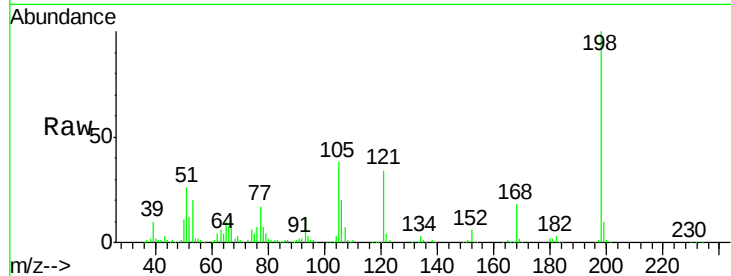


#64
4,6-Dinitro-2-methylphenol
Concen: 76.56 ng
RT: 10.60 min Scan# 723
Delta R.T. 0.01 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

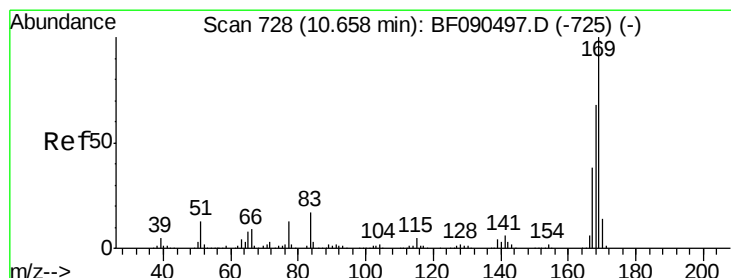
Tgt Ion:198 Resp: 351810
Ion Ratio Lower Upper
198 100
51 26.0 67.3 107.3#
105 38.1 42.6 82.6#

Manual Integrations
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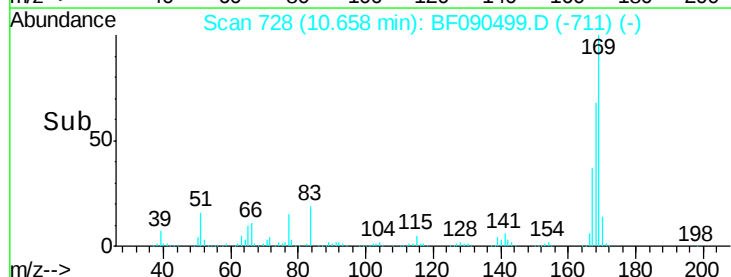
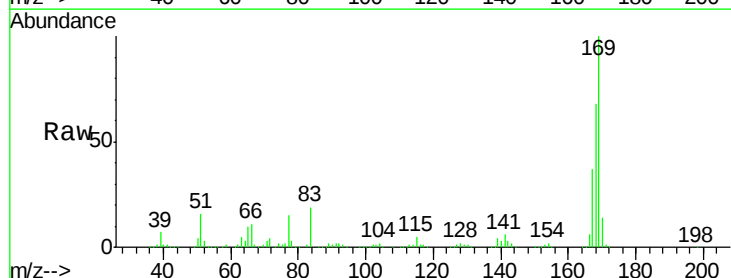
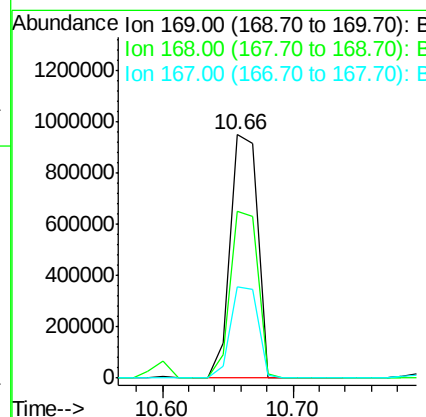
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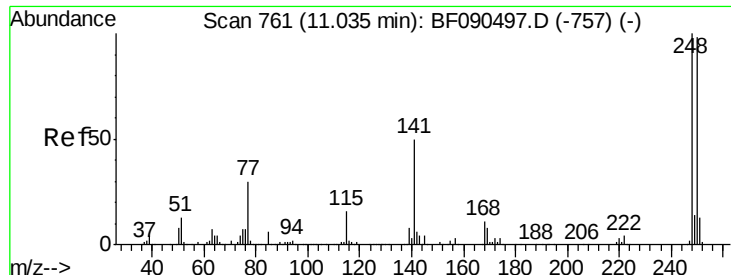
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#65
n-Nitrosodiphenylamine
Concen: 54.32 ng
RT: 10.66 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

Tgt Ion:169 Resp: 1378369
Ion Ratio Lower Upper
169 100
168 68.4 53.8 80.6
167 37.3 29.8 44.8



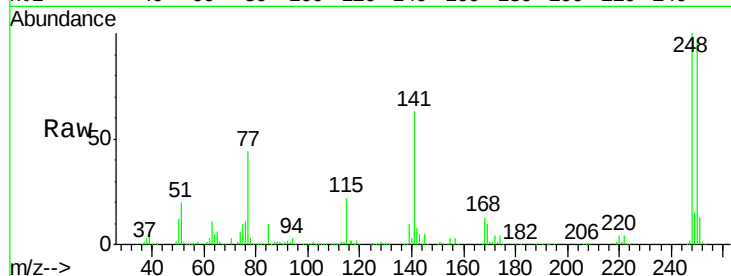


#66
 4-Bromophenyl-phenylether
 Concen: 70.93 ng
 RT: 11.03 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF090499.D
 Acq: 11 Oct 2016 13:14

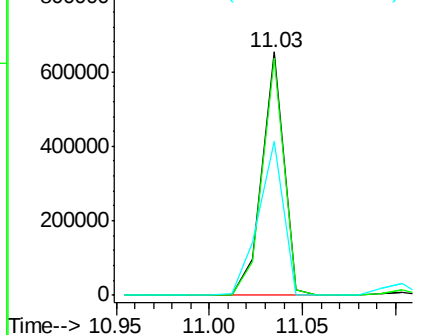
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.3	76.5	114.7
141	63.5	59.8	89.6

Manual Integrations
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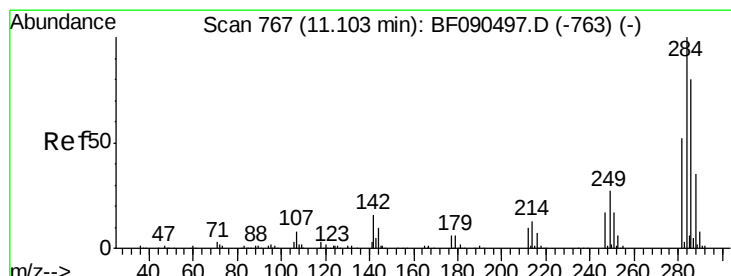
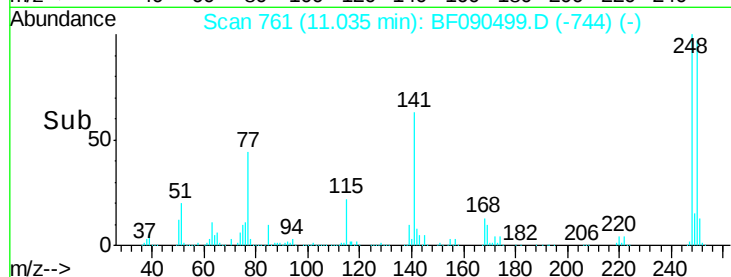


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E



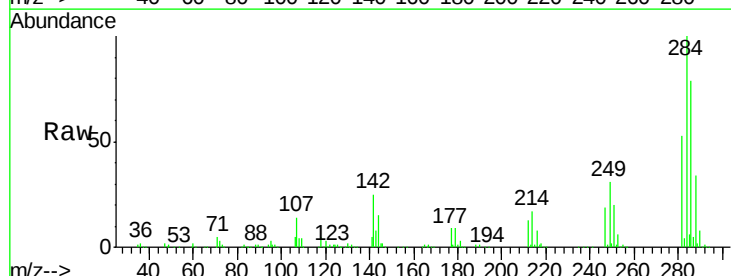
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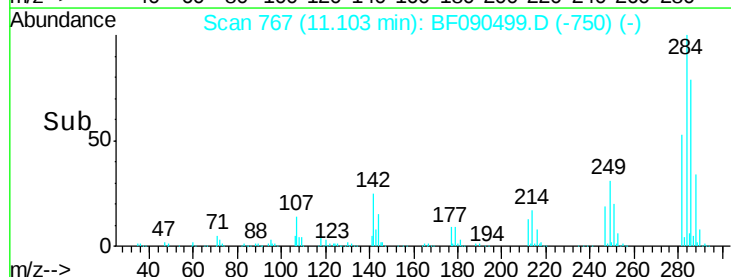
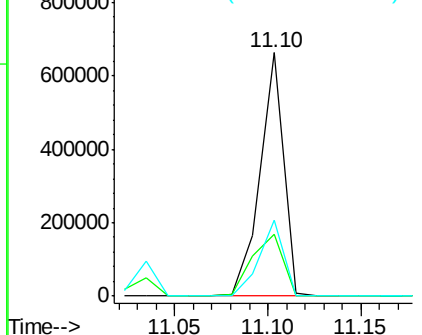


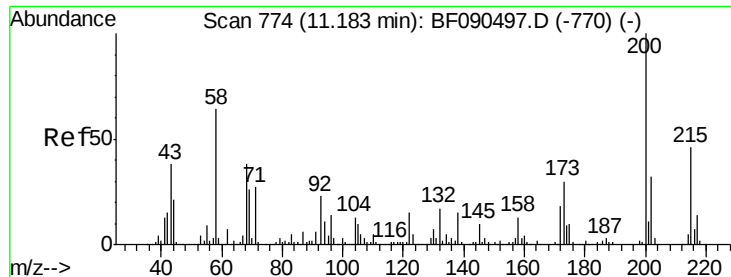
#67
 Hexachlorobenzene
 Concen: 69.87 ng
 RT: 11.10 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BF090499.D
 Acq: 11 Oct 2016 13:14

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.2	23.1	34.7
249	31.1	26.3	39.5



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E



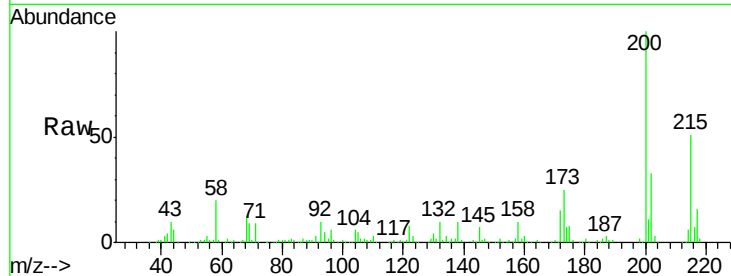


#68
Atrazine
Concen: 70.04 ng
RT: 11.19 min Scan# 775
Delta R.T. 0.01 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

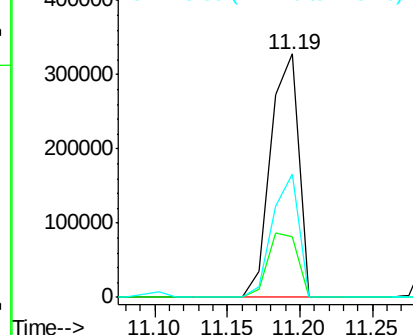
Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.0	9.0	49.0
215	50.8	24.8	64.8

Manual Integrations
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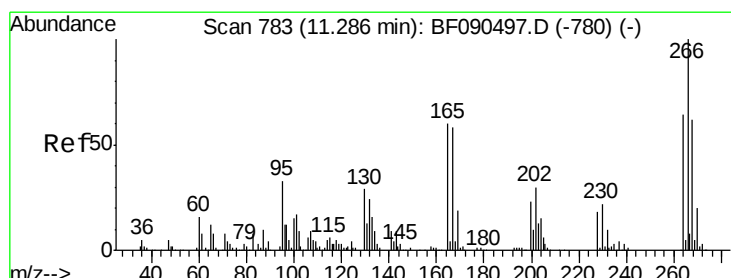
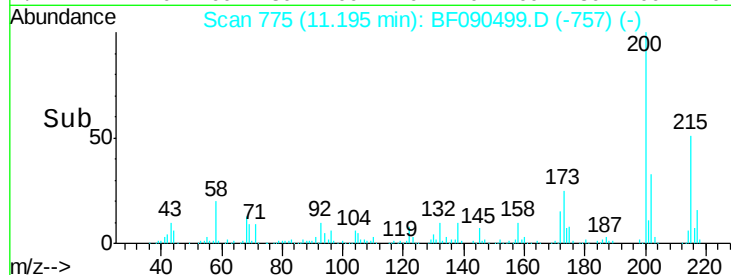


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



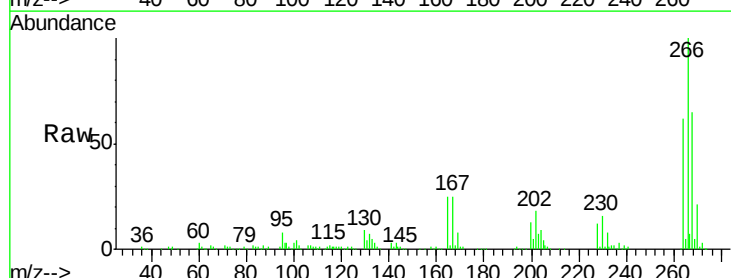
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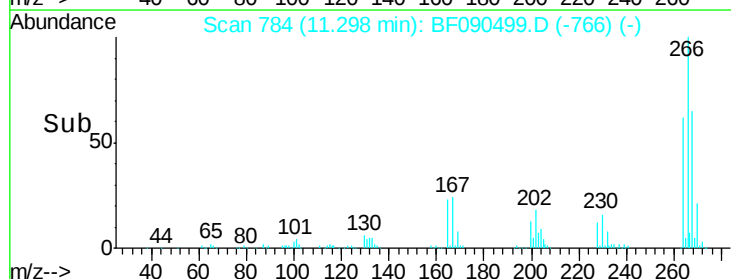
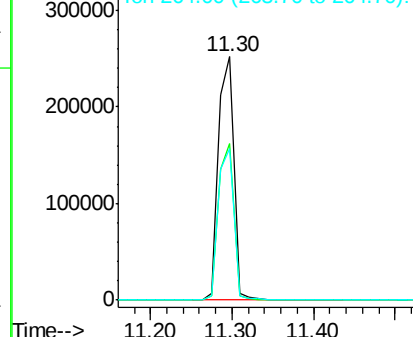


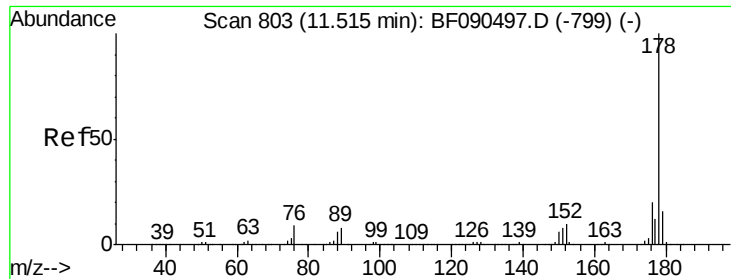
#69
Pentachlorophenol
Concen: 67.96 ng
RT: 11.30 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.5	50.9	76.3
264	62.0	51.5	77.3



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



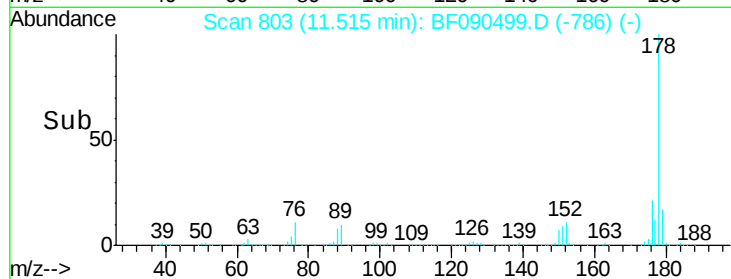
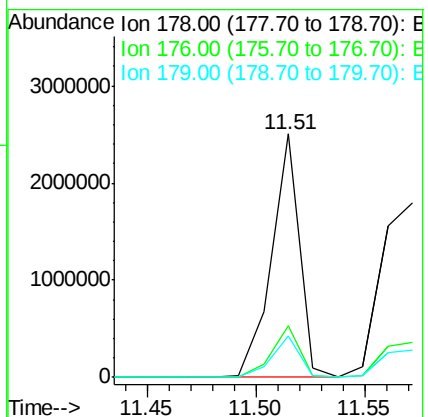
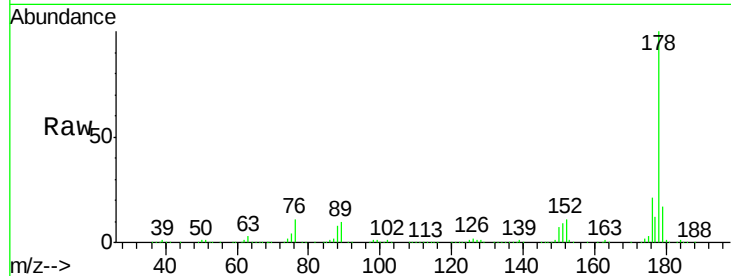


#70
Phenanthrene
Concen: 58.32 ng
RT: 11.51 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

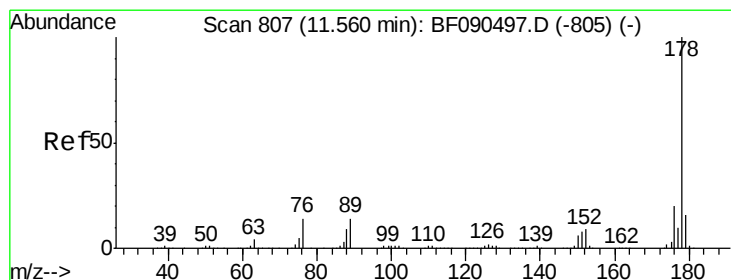
Tgt Ion:178 Resp: 2261478
Ion Ratio Lower Upper
178 100
176 21.4 17.3 25.9
179 16.8 13.8 20.6

Manual Integrations
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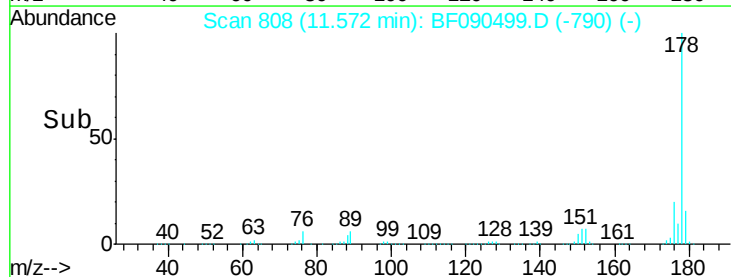
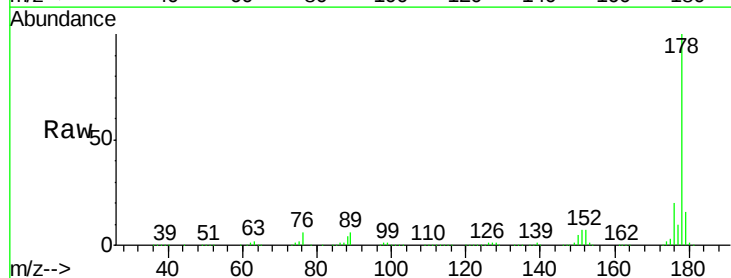
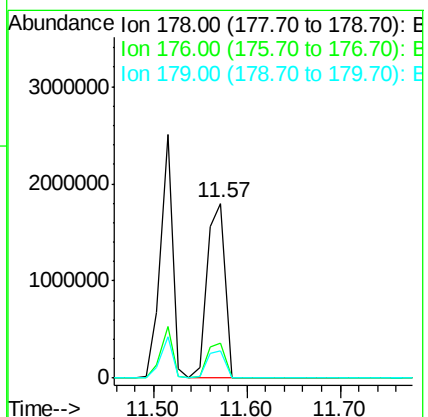
sohil

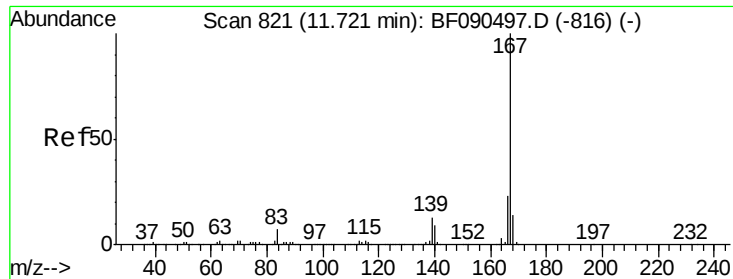
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#71
Anthracene
Concen: 60.17 ng
RT: 11.57 min Scan# 808
Delta R.T. 0.01 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

Tgt Ion:178 Resp: 2382495
Ion Ratio Lower Upper
178 100
176 19.7 16.8 25.2
179 15.8 13.4 20.2





#72

Carbazole

Concen: 61.42 ng

RT: 11.72 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF090499.D

Acq: 11 Oct 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tgt Ion:167 Resp: 2259486

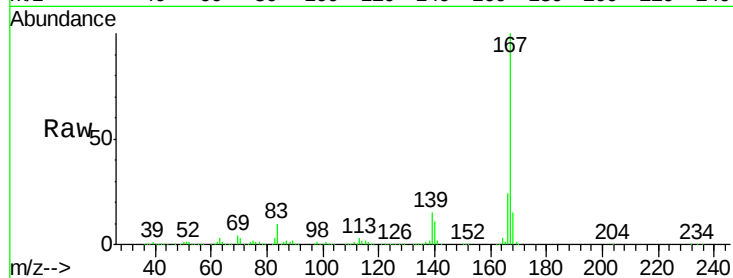
Ion Ratio Lower Upper

167 100

166 23.8 19.1 28.7

139 14.5 12.1 18.1

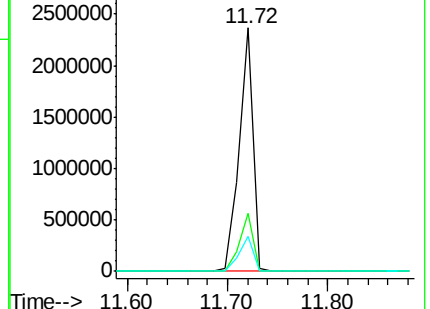
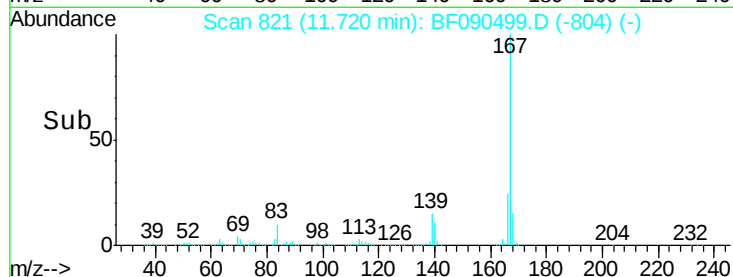
Manual Integrations
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Abundance Ion 167.00 (166.70 to 167.70): E

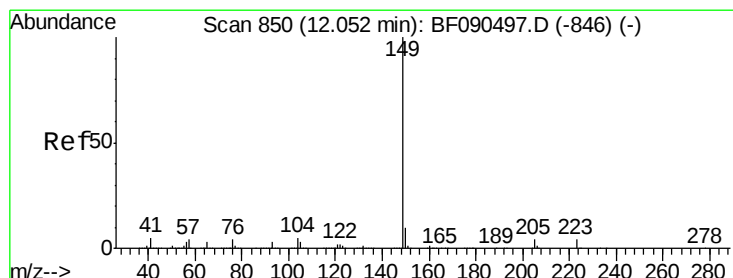
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



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#73

Di-n-butylphthalate

Concen: 59.14 ng

RT: 12.05 min Scan# 850

Delta R.T. -0.00 min

Lab File: BF090499.D

Acq: 11 Oct 2016 13:14

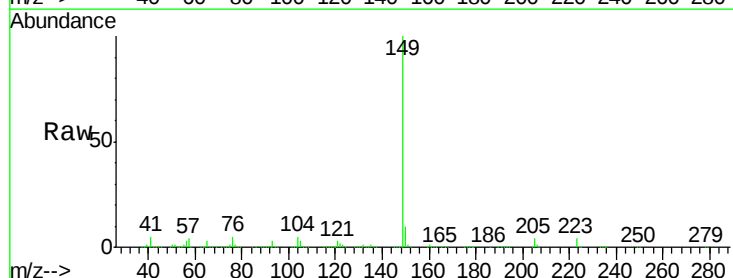
Tgt Ion:149 Resp: 2647821

Ion Ratio Lower Upper

149 100

150 10.4 8.6 12.8

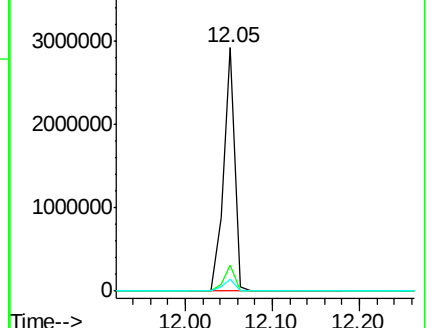
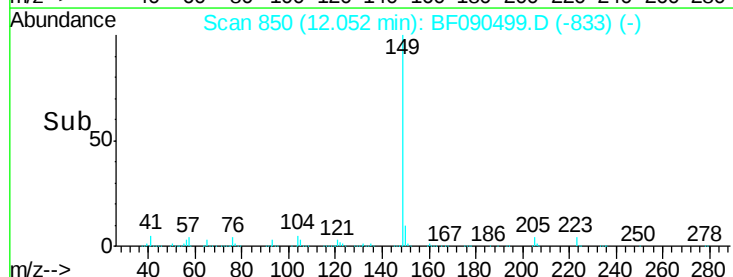
104 5.0 4.7 7.1

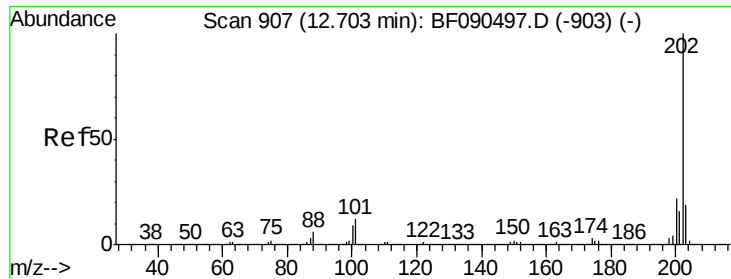


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



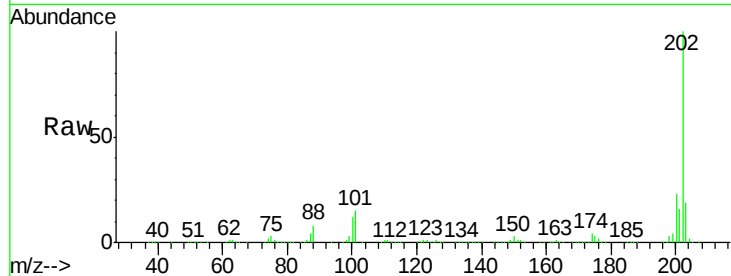


#74
Fluoranthene
Concen: 59.63 ng
RT: 12.70 min Scan# 907
Delta R.T. -0.00 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

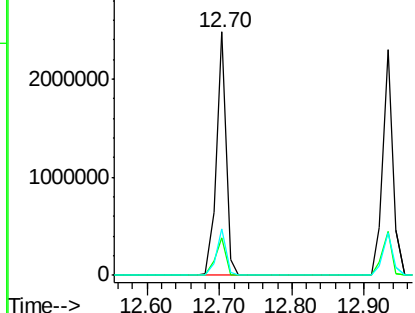
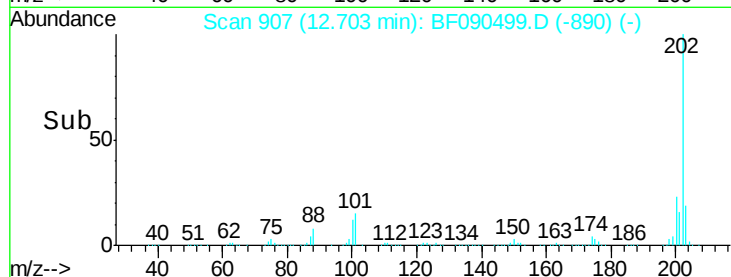
Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.4	0.0	37.2
203	19.3	0.0	39.3

Manual Integrations
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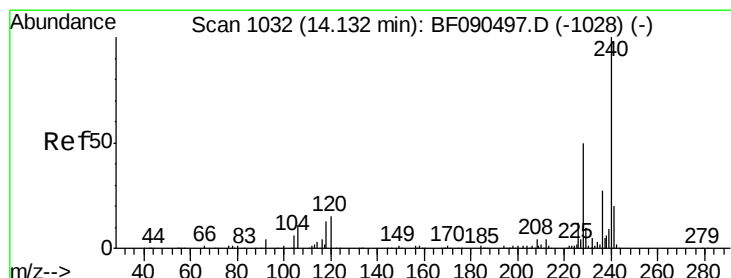


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



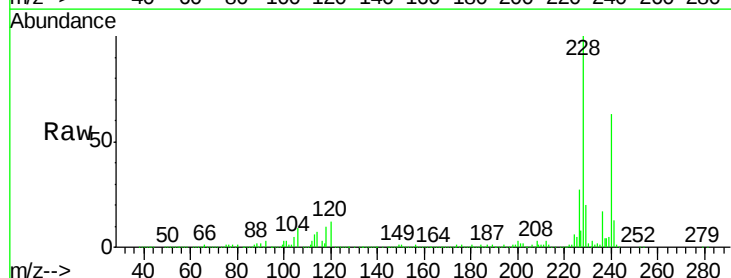
sohil

10/12/2016 4:08:10 PM

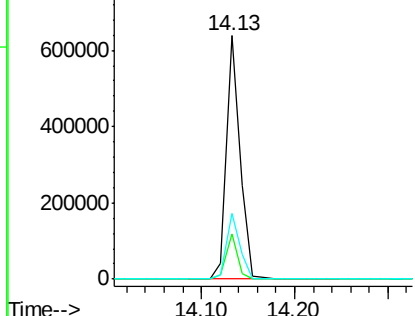
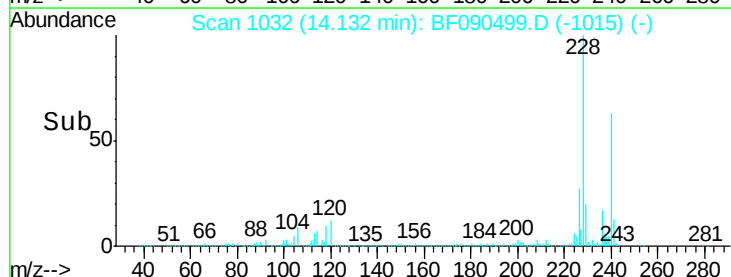


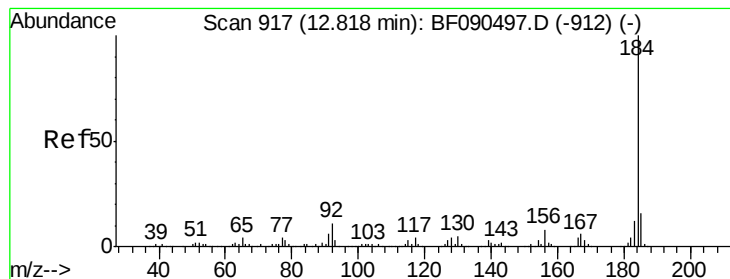
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

Tgt Ion	Ratio	Lower	Upper
240	100		
120	18.5	8.6	13.0#
236	27.0	21.6	32.4



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



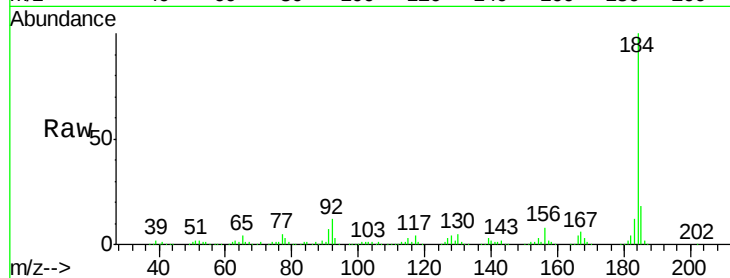


#76
Benzidine
Concen: 69.62 ng
RT: 12.82 min Scan# 917
Delta R.T. -0.00 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

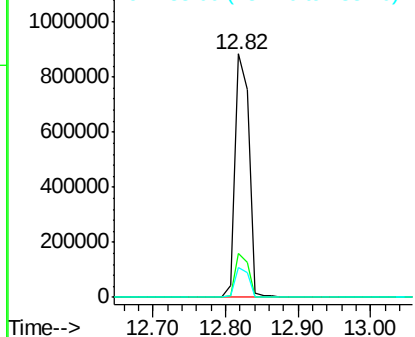
Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion:184 Resp: 1183082
Ion Ratio Lower Upper
184 100
185 18.1 11.8 17.8#
183 12.1 9.6 14.4

Manual Integrations
APPROVED

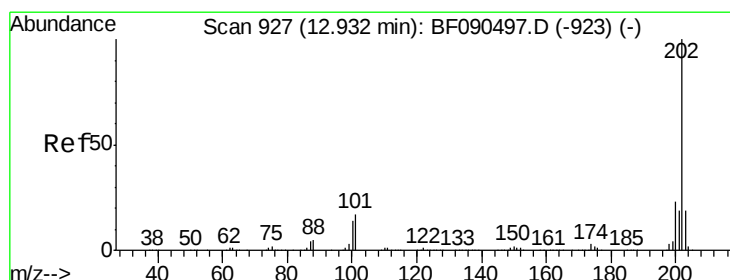
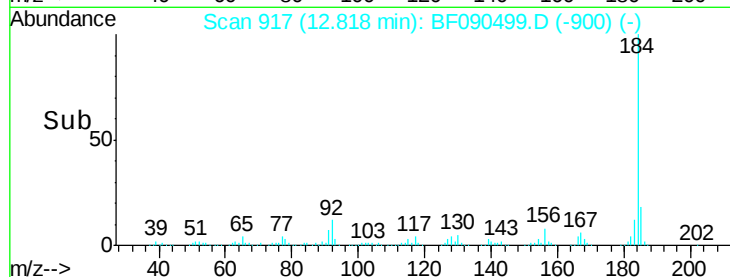


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



sohil

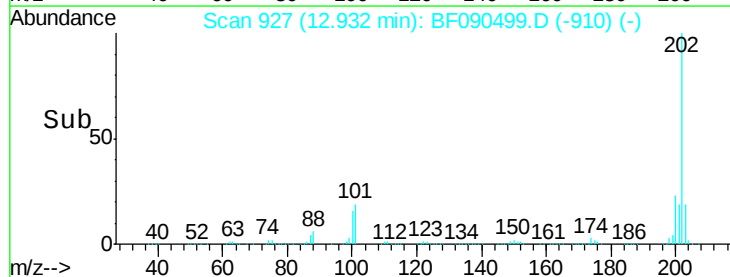
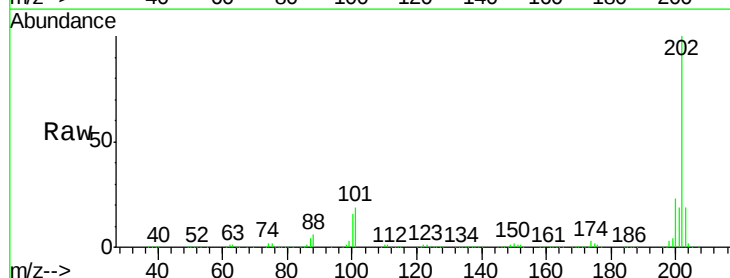
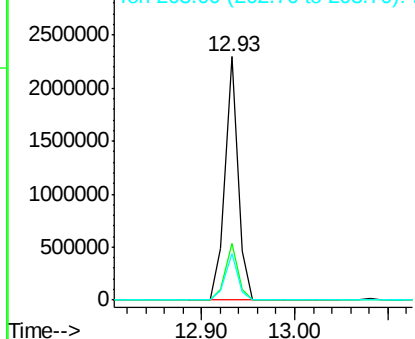
10/12/2016 4:08:10 PM

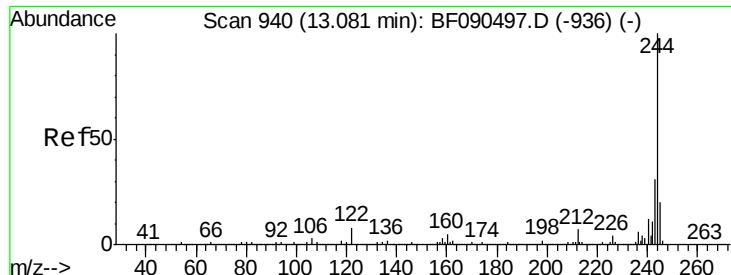


#77
Pyrene
Concen: 51.96 ng
RT: 12.93 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

Tgt Ion:202 Resp: 2239256
Ion Ratio Lower Upper
202 100
200 23.2 18.5 27.7
203 19.1 15.0 22.6

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



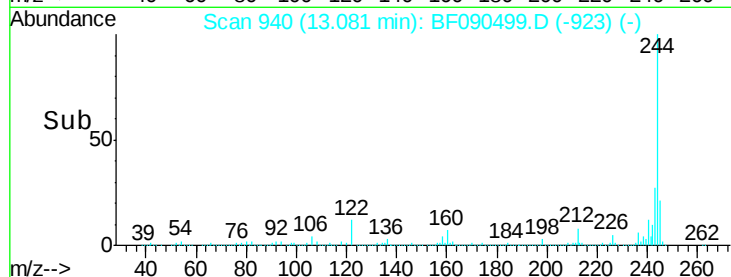
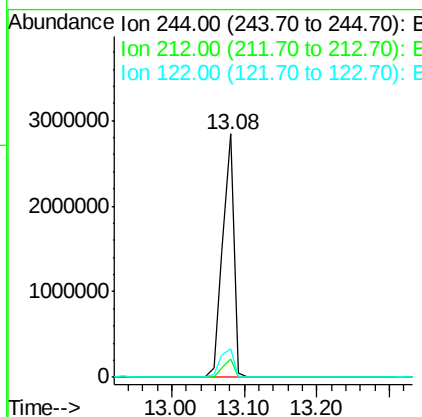
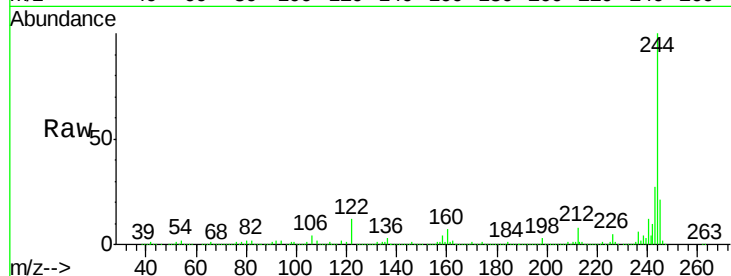


#78
 Terphenyl-d14
 Concen: 107.23 ng
 RT: 13.08 min Scan# 940
 Delta R.T. -0.00 min
 Lab File: BF090499.D
 Acq: 11 Oct 2016 13:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

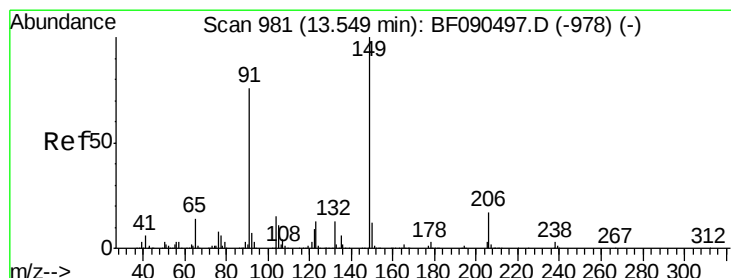
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.8	10.2
122	11.7	13.3	19.9

Manual Integrations
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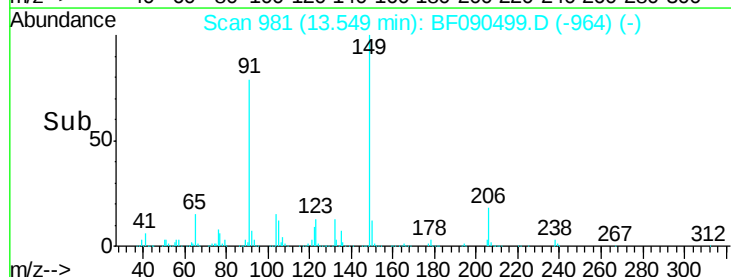
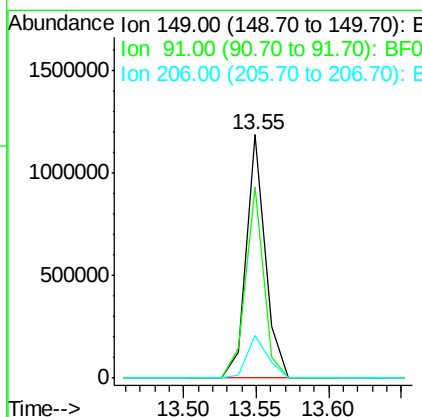
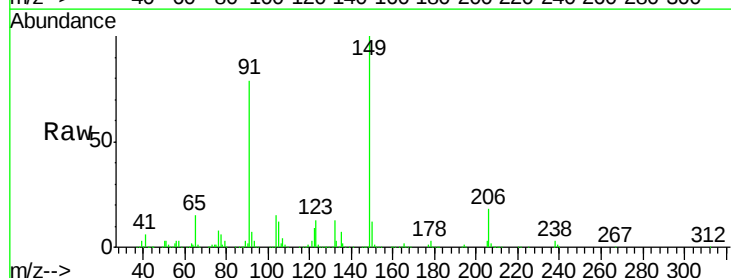
sohil

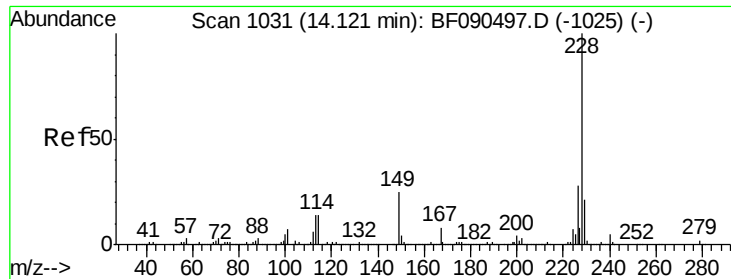
10/12/2016 4:08:10 PM



#79
 Butylbenzylphthalate
 Concen: 48.72 ng
 RT: 13.55 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: BF090499.D
 Acq: 11 Oct 2016 13:14

Tgt Ion	Ratio	Lower	Upper
149	100		
91	78.7	51.8	77.8
206	17.6	18.0	27.0



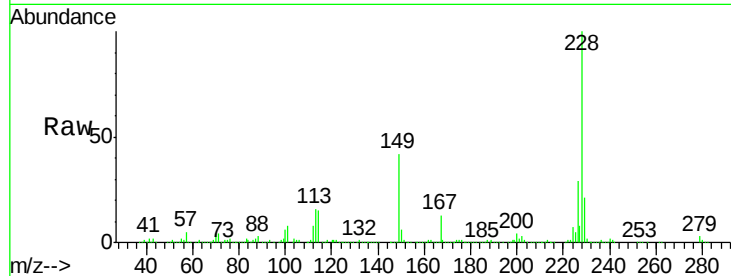


#80
Benzo(a)anthracene
Concen: 61.90 ng
RT: 14.12 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

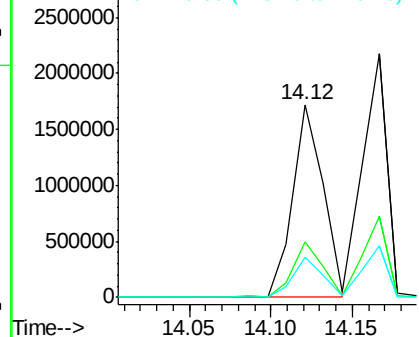
Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.6	35.4
229	21.1	16.6	25.0

Manual Integrations
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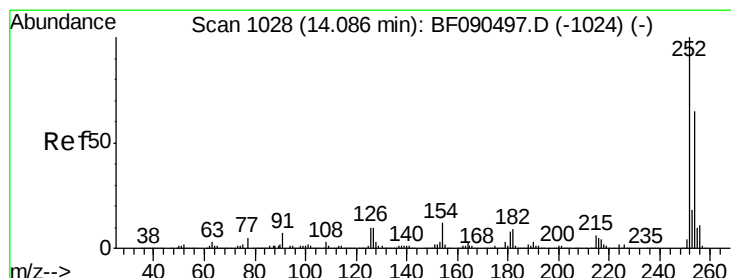
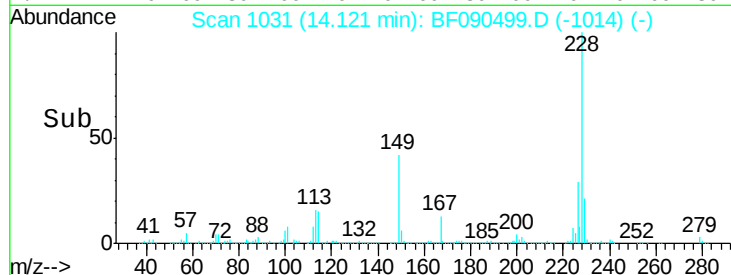


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



sohil

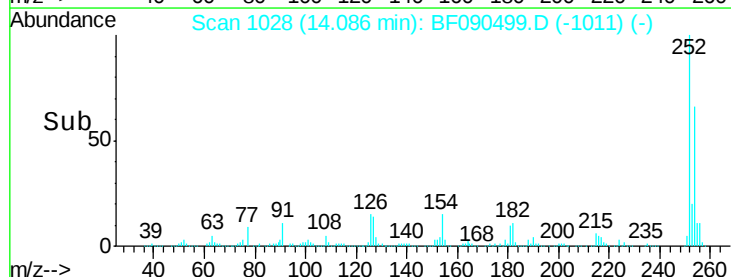
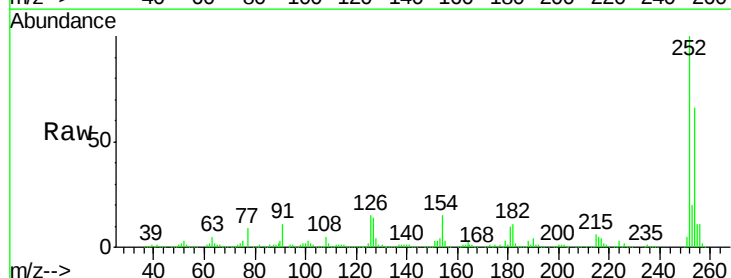
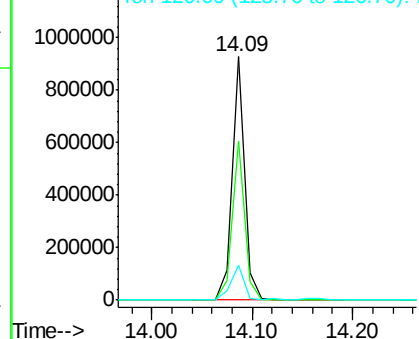
10/12/2016 4:08:10 PM

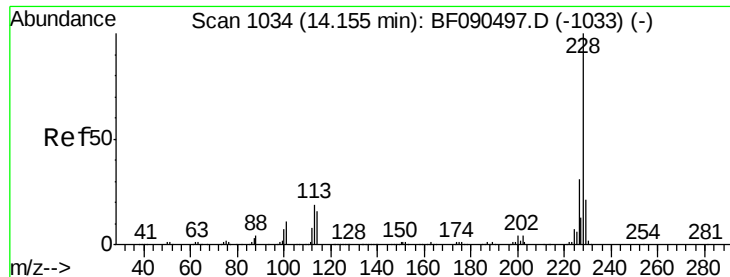


#81
3,3'-Dichlorobenzidine
Concen: 60.54 ng
RT: 14.09 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.6	52.1	78.1
126	14.6	4.2	6.4

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



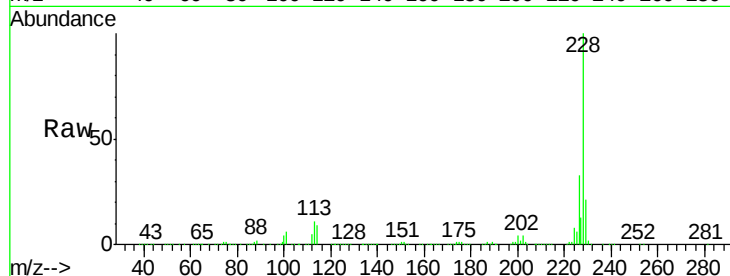


#82
Chrysene
Concen: 68.13 ng
RT: 14.17 min Scan# 1035
Delta R.T. 0.01 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

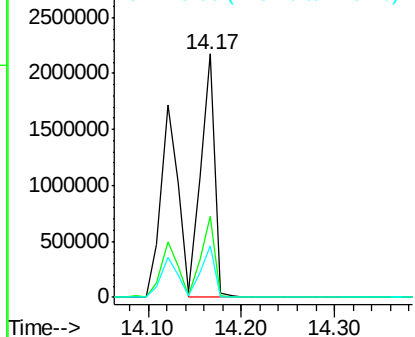
Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion: 228 Resp: 2273625
Ion Ratio Lower Upper
228 100
226 33.3 25.8 38.6
229 21.2 16.9 25.3

Manual Integrations
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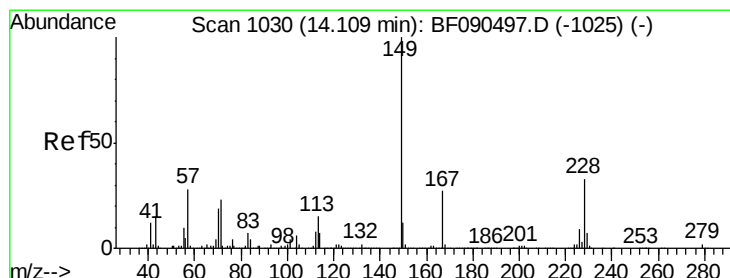
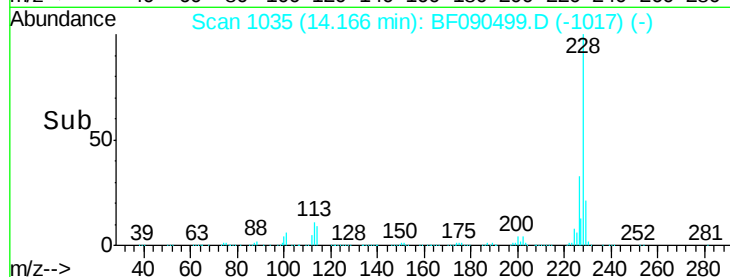


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



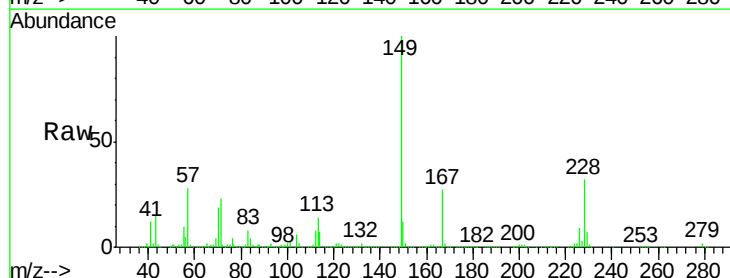
sohil

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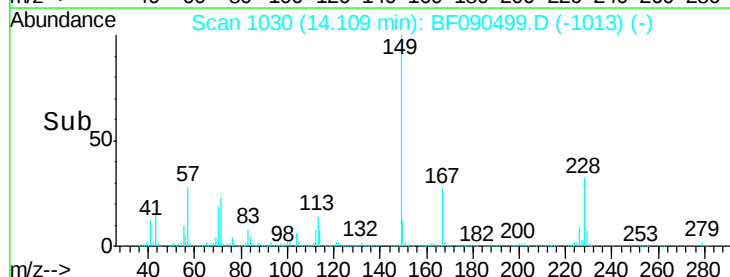
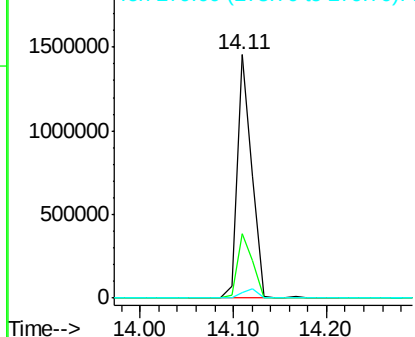


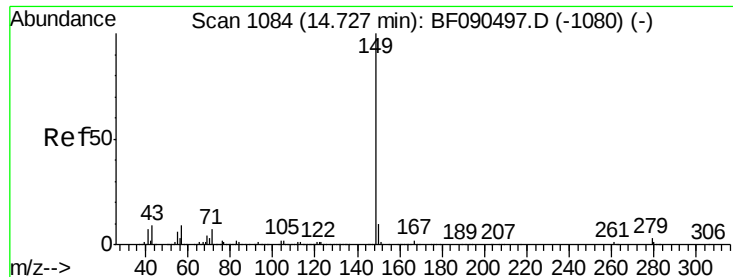
#83
Bis(2-ethylhexyl)phthalate
Concen: 50.00 ng
RT: 14.11 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

Tgt Ion: 149 Resp: 1571418
Ion Ratio Lower Upper
149 100
167 26.6 21.5 32.3
279 2.2 2.6 3.8#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



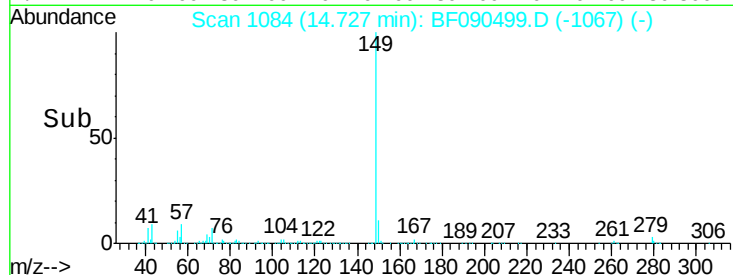
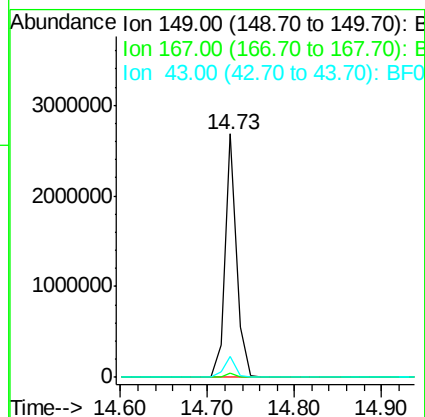
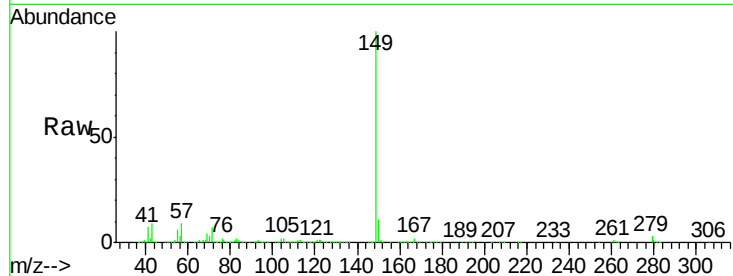


#84
Di-n-octyl phthalate
Concen: 53.69 ng
RT: 14.73 min Scan# 1084
Delta R.T. -0.00 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

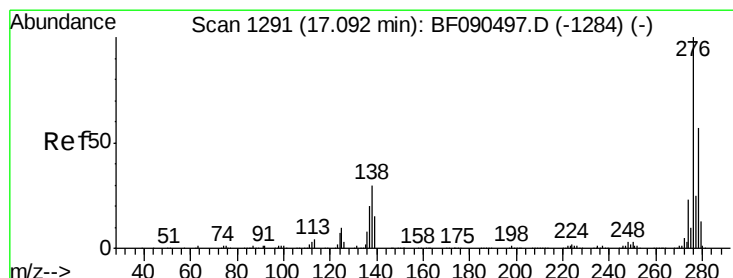
Tgt Ion:149 Resp: 2501920
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.1 11.8 17.8#

Manual Integrations
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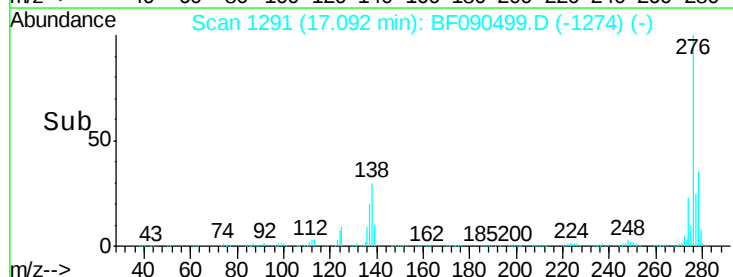
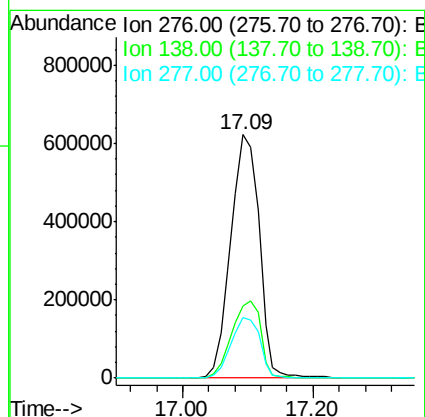
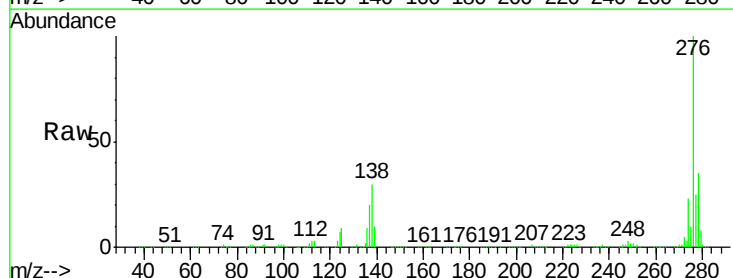
sohil

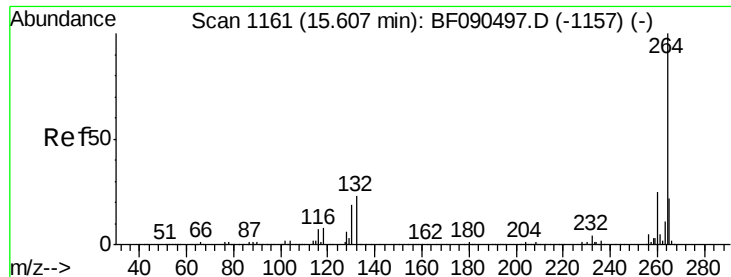
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#85
Indeno(1,2,3-cd)pyrene
Concen: 79.22 ng
RT: 17.09 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

Tgt Ion:276 Resp: 1885023
Ion Ratio Lower Upper
276 100
138 32.5 23.8 35.8
277 25.3 20.4 30.6



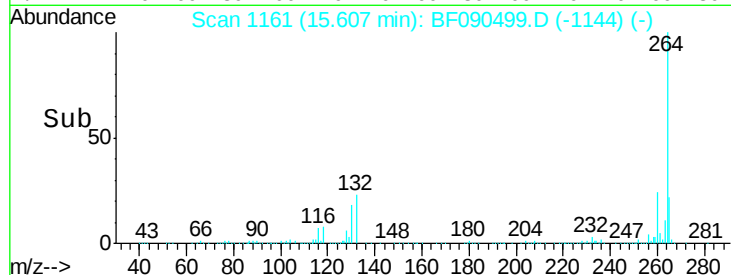
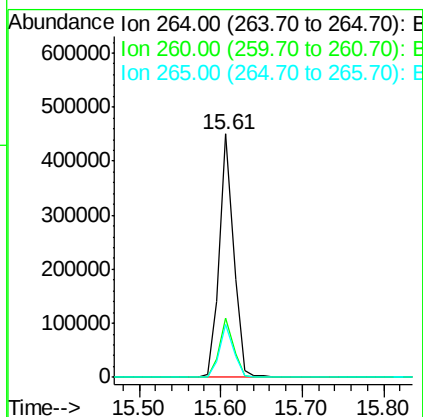
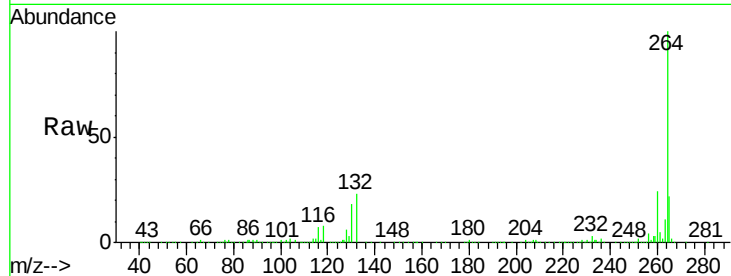


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.61 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

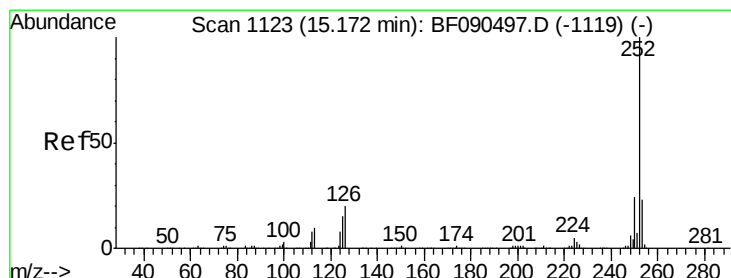
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.3	28.9
265	21.7	17.4	26.0

Manual Integrations
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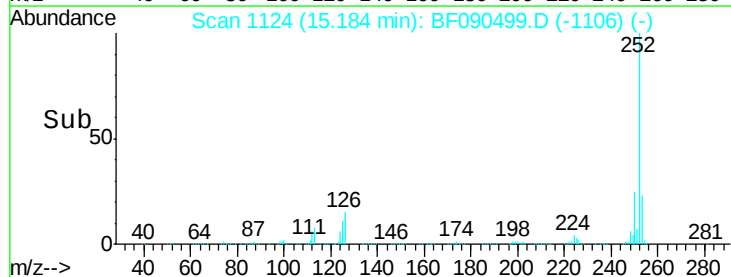
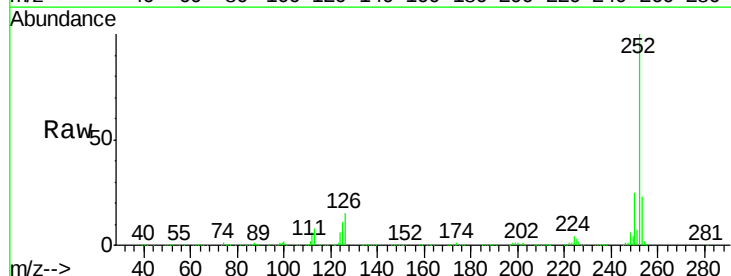
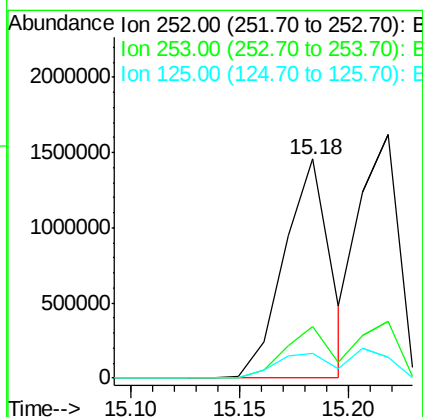
sohil

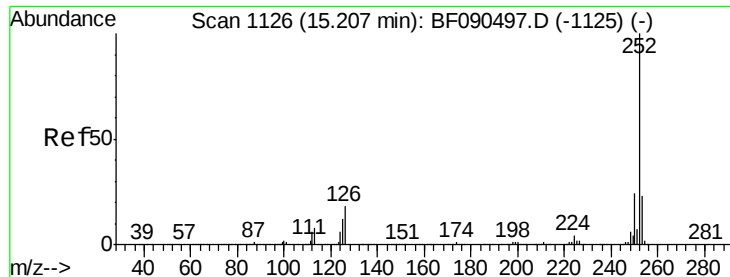
10/12/2016 4:08:10 PM



#87
Benzo(b)fluoranthene
Concen: 61.22 ng
RT: 15.18 min Scan# 1124
Delta R.T. 0.01 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.2
125	11.4	7.0	10.4#



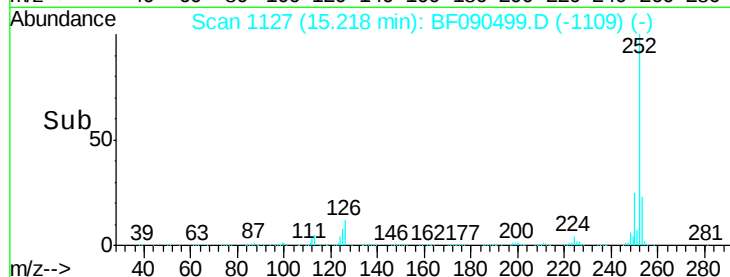
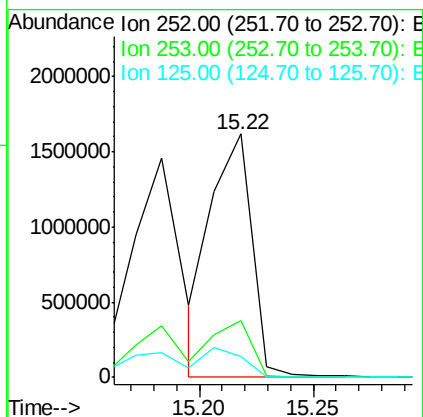
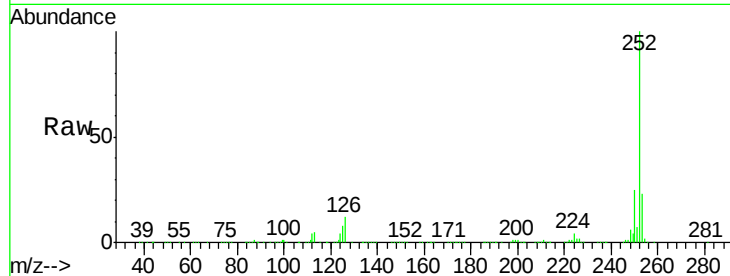


#88
Benzo(k)fluoranthene
Concen: 61.71 ng m
RT: 15.22 min Scan# 1127
Delta R.T. 0.01 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

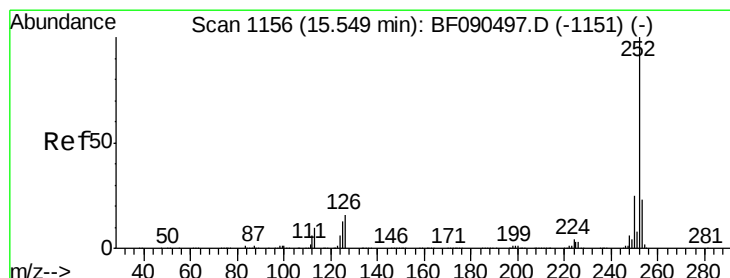
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.6	27.8
125	8.4	11.7	17.5#

Manual Integrations
APPROVED



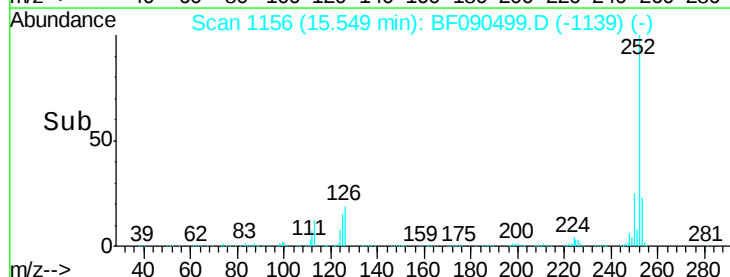
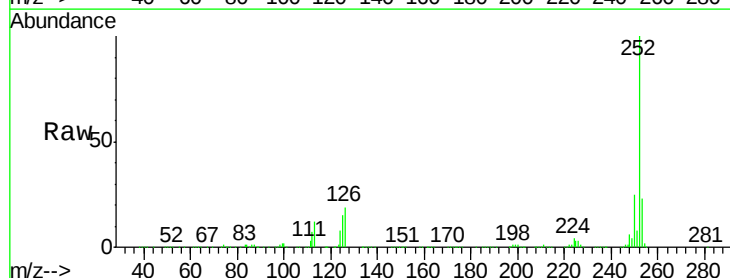
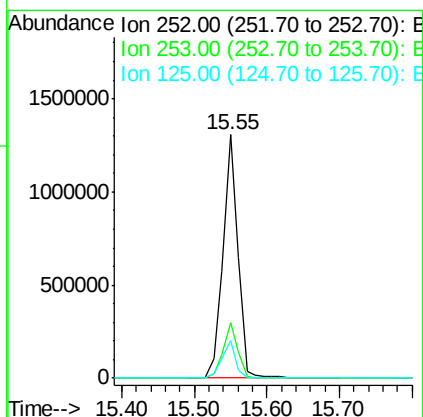
sohil

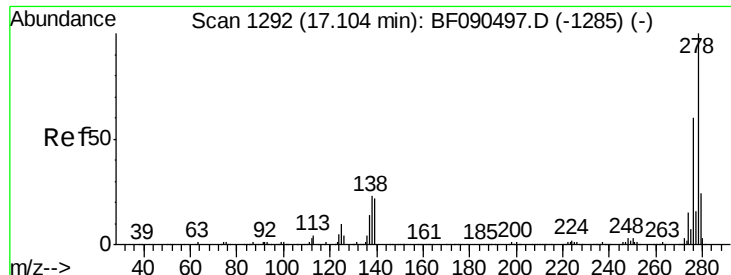
10/12/2016 4:08:10 PM



#89
Benzo(a)pyrene
Concen: 61.67 ng
RT: 15.55 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.4
125	15.3	9.8	14.8#



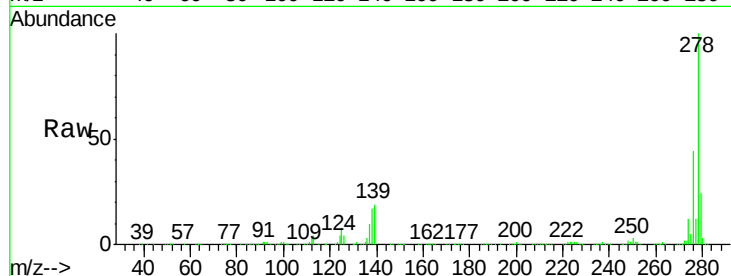


#90
Dibenzo(a,h)anthracene
Concen: 63.79 ng
RT: 17.12 min Scan# 1293
Delta R.T. 0.01 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

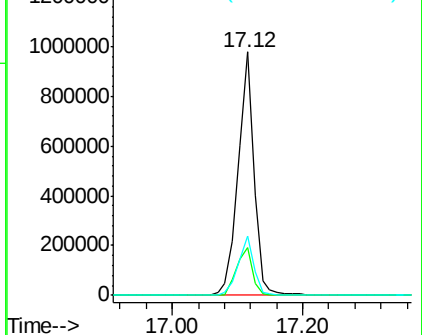
Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion: 278 Resp: 1641593
Ion Ratio Lower Upper
278 100
139 19.4 12.8 19.2#
279 24.3 19.6 29.4

Manual Integrations
APPROVED

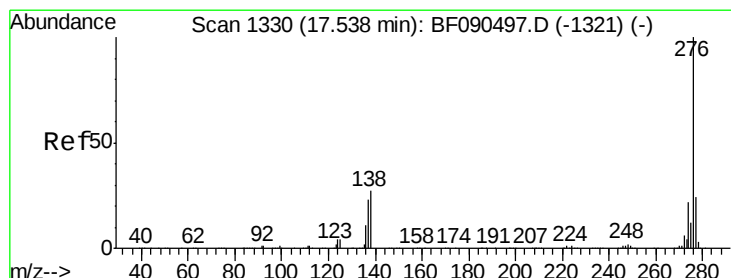
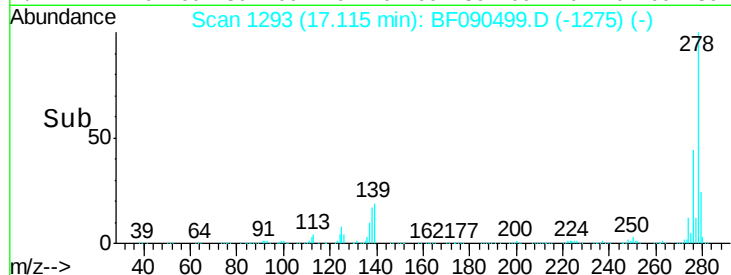


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



sohil

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#91
Benzo(g,h,i)perylene
Concen: 61.07 ng
RT: 17.55 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

Tgt Ion: 276 Resp: 1508220
Ion Ratio Lower Upper
276 100
277 23.7 19.4 29.0
138 24.2 20.8 31.2

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

