

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101116\
 Data File : BF090500.D
 Acq On : 11 Oct 2016 13:41
 Operator : UM/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Quant Time: Oct 11 16:07:24 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	209541	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	859490	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	435051	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	721179	20.00	ng	0.01
75) Chrysene-d12	14.13	240	569919	20.00	ng	0.00
86) Perylene-d12	15.61	264	512203	20.00	ng	0.00

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System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	1762179	125.51	ng	0.00
7) Phenol-d6	6.60	99	2421664	131.69	ng	0.01
23) Nitrobenzene-d5	7.53	82	2070060	117.16	ng	0.01
41) 2,4,6-Tribromophenol	10.79	330	612733	173.21	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	3511742	134.49	ng	0.00
78) Terphenyl-d14	13.08	244	3272251	129.08	ng	0.00

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Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.61	88	490753	70.91	ng	# 84
3) Pyridine	3.38	79	1387654	71.91	ng	# 75
4) n-Nitrosodimethylamine	3.34	42	454428	57.07	ng	# 38
6) Aniline	6.62	93	1534527	60.41	ng	98
8) 2-Chlorophenol	6.75	128	1086157	70.30	ng	86
9) Benzaldehyde	6.50	77	710310	76.42	ng	96
10) Phenol	6.61	94	1477195	69.09	ng	88
11) bis(2-Chloroethyl)ether	6.69	93	948421	57.94	ng	97
12) 1,3-Dichlorobenzene	6.90	146	1102710	71.60	ng	97
13) 1,4-Dichlorobenzene	6.98	146	1213110	77.55	ng	94
14) 1,2-Dichlorobenzene	7.13	146	953929	63.29	ng	96
15) Benzyl Alcohol	7.10	79	934500	66.85	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.23	45	1440136	51.87	ng	86
17) 2-Methylphenol	7.22	107	894249	70.37	ng	99
18) Hexachloroethane	7.47	117	410210	66.52	ng	97
19) n-Nitroso-di-n-propylamine	7.38	70	715223	53.04	ng	# 81
20) 3+4-Methylphenols	7.37	107	960976	58.43	ng	# 86
22) Acetophenone	7.38	105	1363565	66.98	ng	# 85
24) Nitrobenzene	7.55	77	1253693	71.47	ng	# 81
25) Isophorone	7.79	82	2050582	63.48	ng	96
26) 2-Nitrophenol	7.86	139	558758	74.01	ng	# 88
27) 2,4-Dimethylphenol	7.90	122	1029783	70.13	ng	97
28) bis(2-Chloroethoxy)methane	7.99	93	1260148	65.96	ng	98
29) 2,4-Dichlorophenol	8.11	162	823105	73.73	ng	96
30) 1,2,4-Trichlorobenzene	8.19	180	990208	86.07	ng	97
31) Naphthalene	8.27	128	2862775	69.04	ng	99
32) Benzoic acid	8.05	122	812628	79.61	ng	98
33) 4-Chloroaniline	8.31	127	1256055	73.29	ng	# 93
34) Hexachlorobutadiene	8.38	225	494513	76.93	ng	100
35) Caprolactam	8.70	113	269059	71.69	ng	# 77
36) 4-Chloro-3-methylphenol	8.81	107	928440	66.42	ng	# 82
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	911107	79.43	ng	99
40) Hexachlorocyclopentadiene	9.11	237	467039	74.28	ng	99
42) 2,4,6-Trichlorophenol	9.24	196	645555	81.56	ng	99

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 ALS Vial : 9 Sample Multiplier: 1

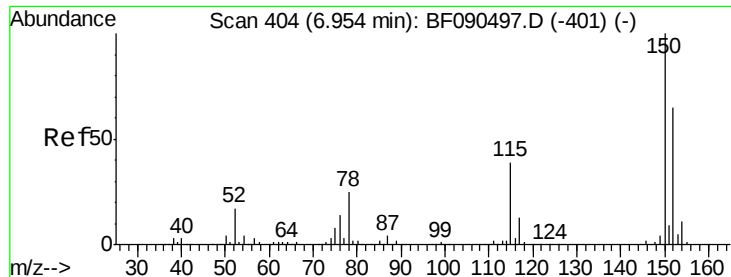
Instrument :
 BNA_F
 ClientSampleId :
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Manual Integrations
 APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
43) 2,4,5-Trichlorophenol	9.27	196	600685	80.26	ng	98	
45) 1,1'-Biphenyl	9.42	154	2094737	64.98	ng	98	
46) 2-Chloronaphthalene	9.45	162	1742499	73.15	ng	99	
47) 2-Nitroaniline	9.54	65	635191	67.59	ng	96	
48) Acenaphthylene	9.87	152	2802129	71.30	ng	99	
49) Dimethylphthalate	9.73	163	2038706	73.17	ng	100	
50) 2,6-Dinitrotoluene	9.79	165	497756	80.47	ng	#	sohil
51) Acenaphthene	10.04	154	1871779	76.38	ng	97	
52) 3-Nitroaniline	9.96	138	597795	82.73	ng	95	
53) 2,4-Dinitrophenol	10.06	184	324146	117.53	ng	#	
54) Dibenzofuran	10.21	168	2496631	78.71	ng	95	
55) 4-Nitrophenol	10.12	139	537037	84.94	ng	#	10/12/2016 4:08:07 PM
56) 2,4-Dinitrotoluene	10.19	165	596875	72.50	ng	#	
57) Fluorene	10.55	166	1945386	72.98	ng	99	
58) 2,3,4,6-Tetrachlorophenol	10.33	232	522143	93.42	ng	90	
59) Diethylphthalate	10.43	149	2153056	74.69	ng	96	
60) 4-Chlorophenyl-phenylether	10.54	204	904674	74.64	ng	98	
61) 4-Nitroaniline	10.58	138	578876	79.51	ng	94	
62) Azobenzene	10.70	77	2060935	61.89	ng	91	
64) 4,6-Dinitro-2-methylphenol	10.60	198	349855	79.94	ng	#	
65) n-Nitrosodiphenylamine	10.67	169	1837360	76.03	ng	98	
66) 4-Bromophenyl-phenylether	11.03	248	610833	86.41	ng	98	
67) Hexachlorobenzene	11.10	284	686632	87.22	ng	98	
68) Atrazine	11.19	200	565685	94.93	ng	96	
69) Pentachlorophenol	11.30	266	462960	98.79	ng	98	
70) Phenanthrene	11.52	178	2507689	67.91	ng	100	
71) Anthracene	11.57	178	3039012	80.59	ng	99	
72) Carbazole	11.72	167	2388994	68.19	ng	100	
73) Di-n-butylphthalate	12.05	149	3014289	70.69	ng	99	
74) Fluoranthene	12.70	202	2657861	73.38	ng	99	
76) Benzidine	12.83	184	1530332	102.12	ng	#	
77) Pyrene	12.93	202	2989200	78.66	ng	100	
79) Butylbenzylphthalate	13.55	149	1326629	68.03	ng	#	
80) Benzo(a)anthracene	14.13	228	2748334	85.95	ng	99	
81) 3,3'-Dichlorobenzidine	14.09	252	950209	81.96	ng	#	
82) Chrysene	14.17	228	2502580	85.04	ng	98	
83) Bis(2-ethylhexyl)phthalate	14.11	149	1872856	67.57	ng	#	100
84) Di-n-octyl phthalate	14.73	149	2932304	71.36	ng	#	87
85) Indeno(1,2,3-cd)pyrene	17.10	276	2305048	109.86	ng	98	
87) Benzo(b)fluoranthene	15.18	252	2523973	77.36	ng	#	96
88) Benzo(k)fluoranthene	15.22	252	2380715m	77.68	ng		
89) Benzo(a)pyrene	15.56	252	2412487	85.79	ng	98	
90) Dibenzo(a,h)anthracene	17.13	278	2034902	85.05	ng	99	
91) Benzo(g,h,i)perylene	17.55	276	1857688	80.91	ng	97	

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.95 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

Instrument :

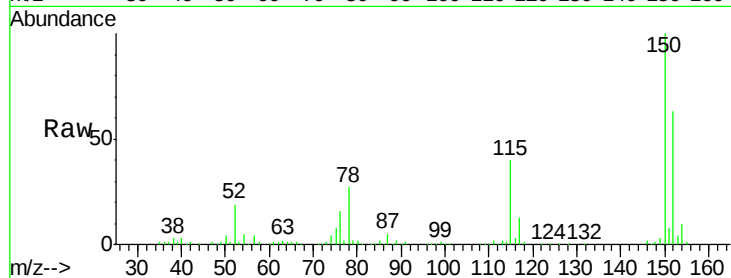
BNA_F

ClientSampleId :

SSTDIC080

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.6	186.8
115	63.6	46.2	69.4

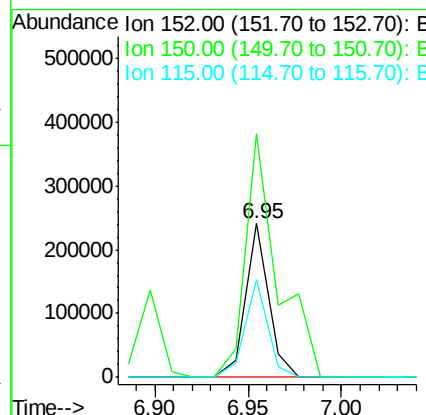
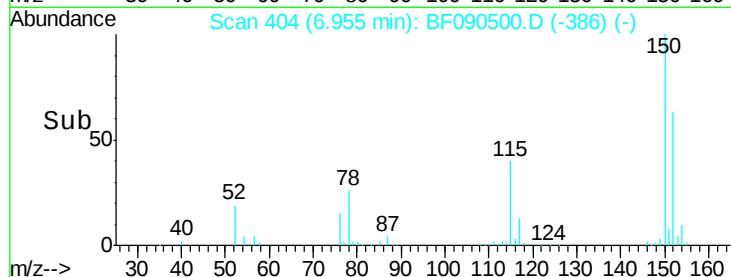
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Abundance Ion 152.00 (151.70 to 152.70): E

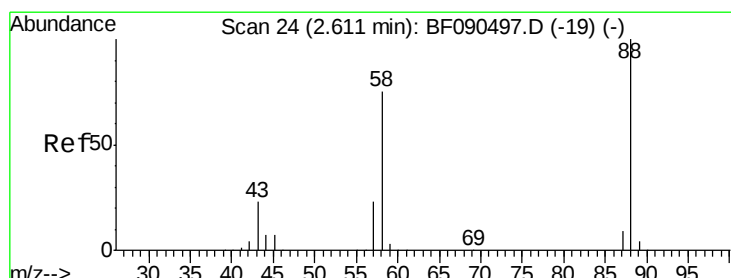
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



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#2

1,4-Dioxane

Concen: 70.91 ng

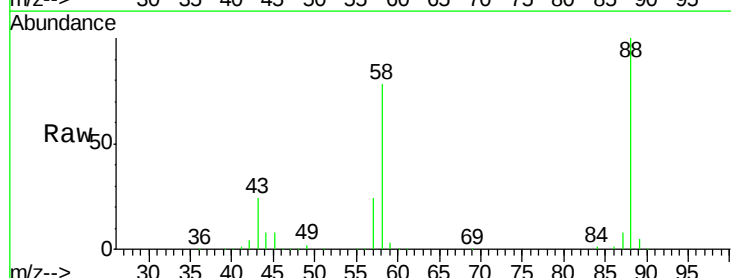
RT: 2.61 min Scan# 24

Delta R.T. 0.00 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

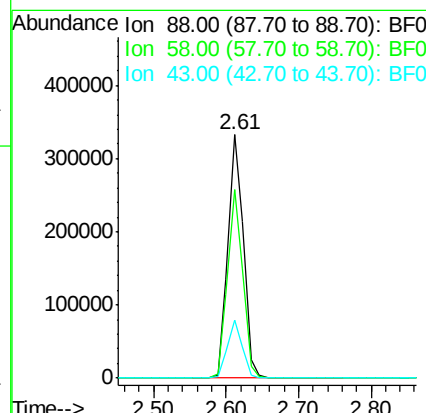
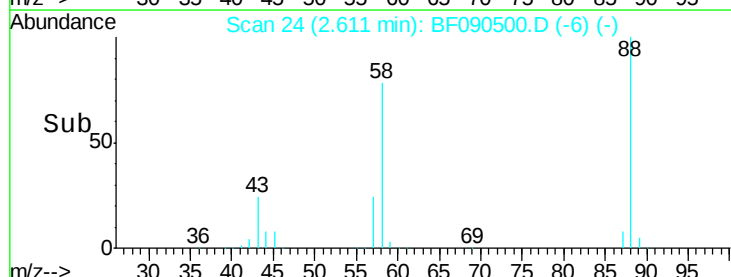
Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.3	71.2	106.8
43	23.3	29.8	44.6

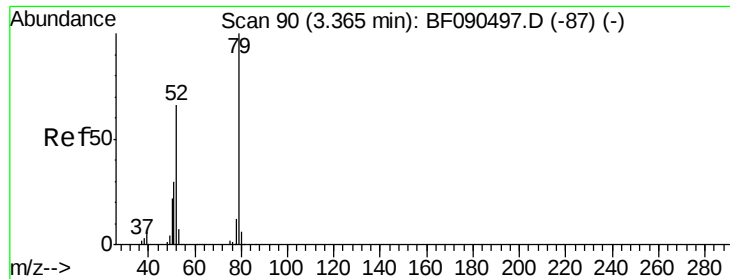


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 71.91 ng

RT: 3.38 min Scan# 91

Delta R.T. 0.01 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

Instrument :

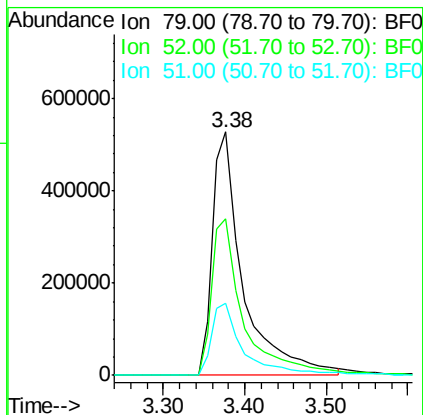
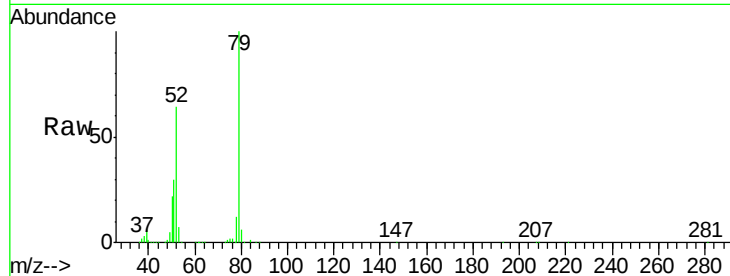
BNA_F

ClientSampleId :

SSTDIC080

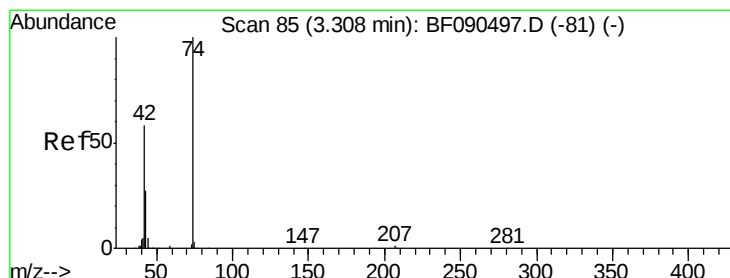
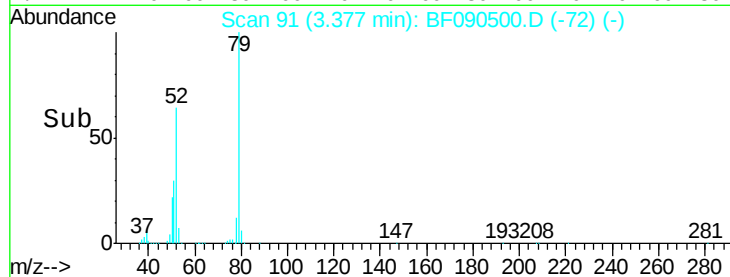
Tgt Ion:	79	Resp:	1387654
Ion	Ratio	Lower	Upper
79	100		
52	64.3	71.3	106.9#
51	29.8	34.5	51.7#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 57.07 ng

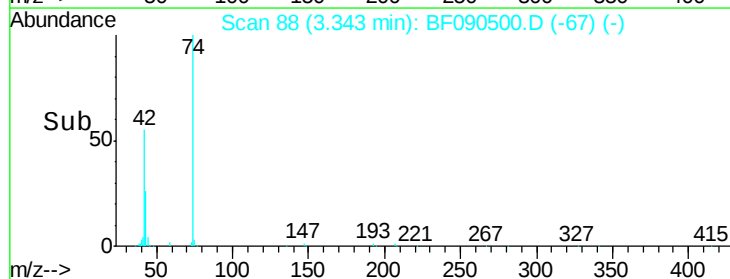
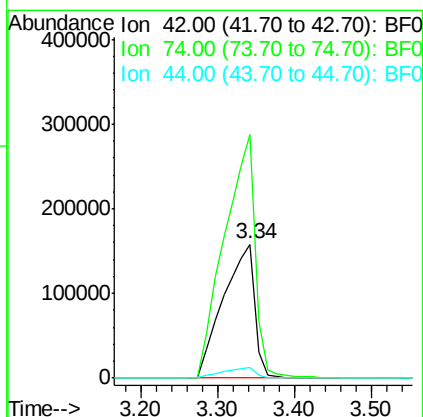
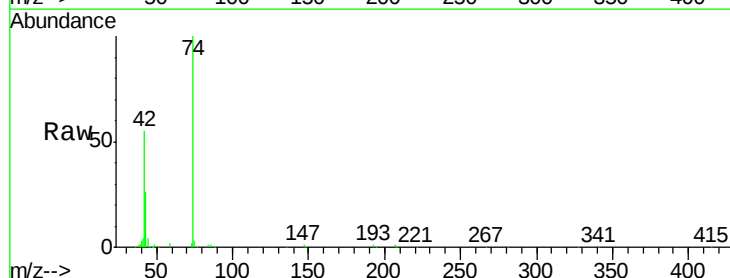
RT: 3.34 min Scan# 88

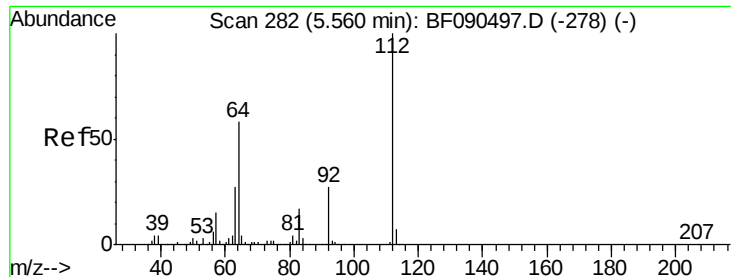
Delta R.T. 0.03 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

Tgt Ion:	42	Resp:	454428
Ion	Ratio	Lower	Upper
42	100		
74	181.6	88.9	133.3#
44	7.8	6.5	9.7



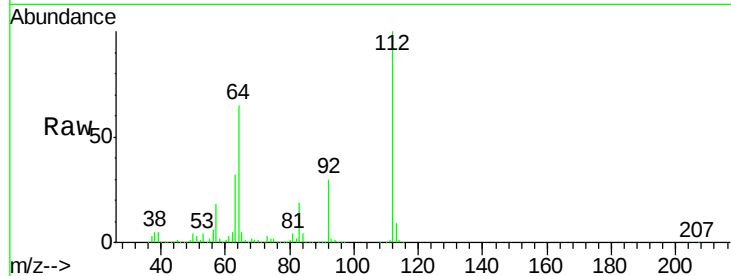


#5
 2-Fluorophenol
 Concen: 125.51 ng
 RT: 5.56 min Scan# 282
 Delta R.T. 0.00 min
 Lab File: BF090500.D
 Acq: 11 Oct 2016 13:41

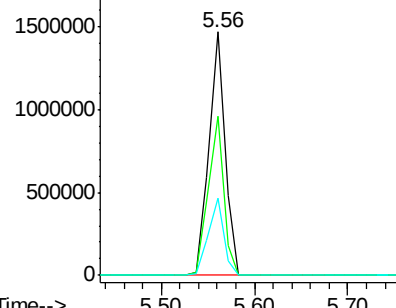
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.3	57.9	86.9
63	31.6	29.6	44.4

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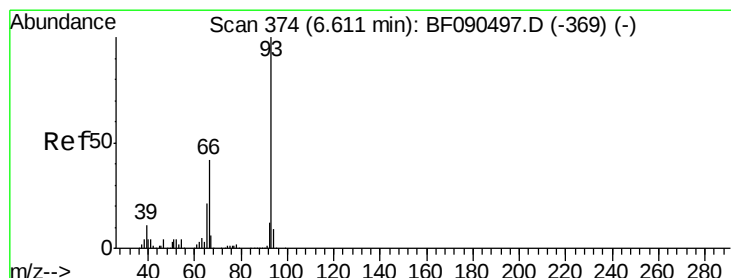
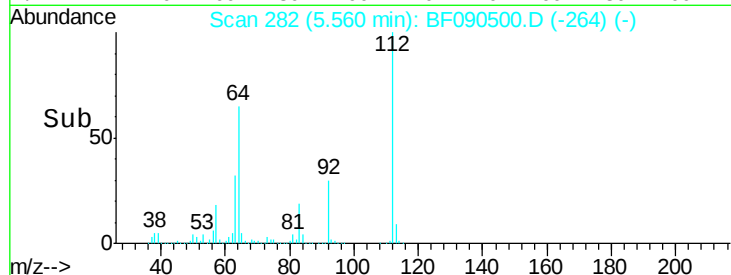


Abundance Ion 112.00 (111.70 to 112.70): BF0
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0



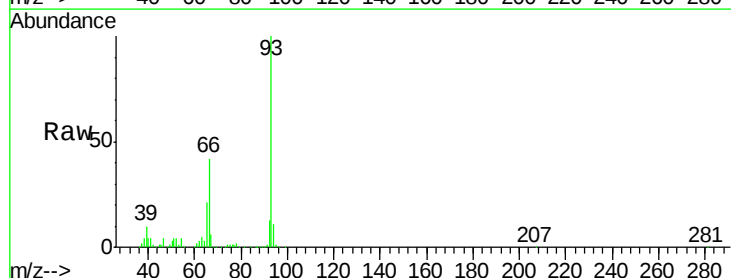
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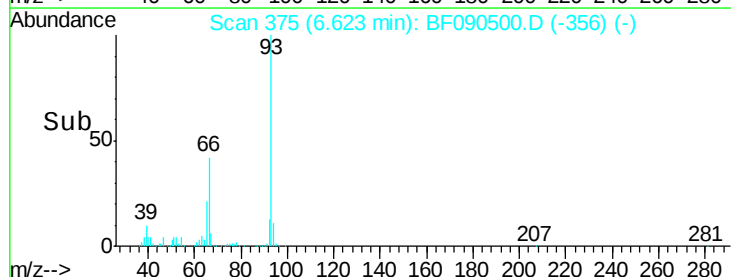
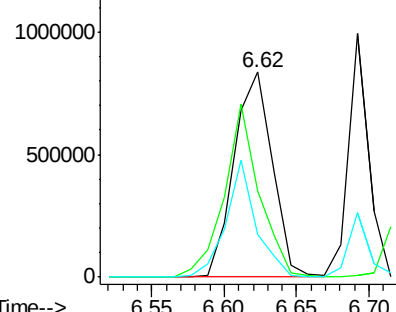


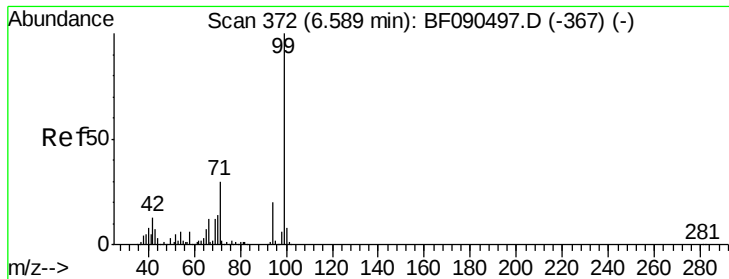
#6
 Aniline
 Concen: 60.41 ng
 RT: 6.62 min Scan# 375
 Delta R.T. 0.01 min
 Lab File: BF090500.D
 Acq: 11 Oct 2016 13:41

Tgt Ion	Ratio	Lower	Upper
93	100		
66	42.1	34.5	51.7
65	20.6	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: 131.69 ng

RT: 6.60 min Scan# 373

Delta R.T. 0.01 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tgt Ion: 99 Resp: 2421664

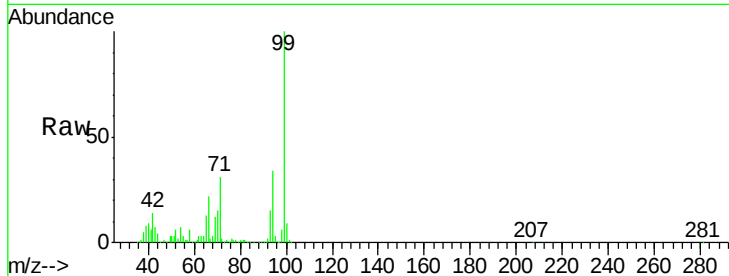
Ion Ratio Lower Upper

99 100

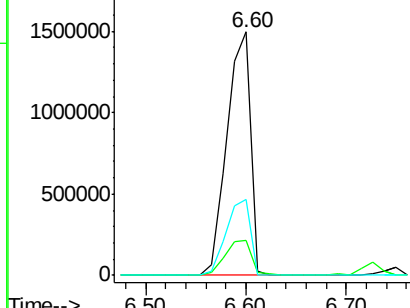
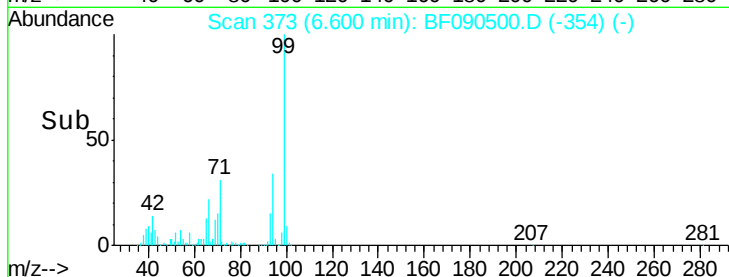
42 14.2 20.0 30.0#

71 31.1 27.9 41.9

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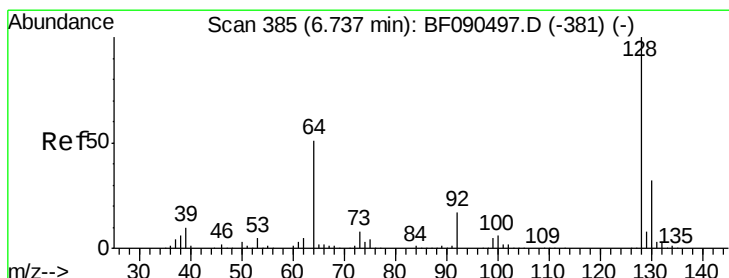


Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



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#8

2-Chlorophenol

Concen: 70.30 ng

RT: 6.75 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

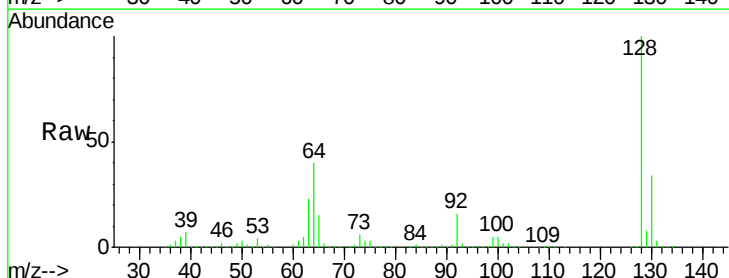
Tgt Ion: 128 Resp: 1086157

Ion Ratio Lower Upper

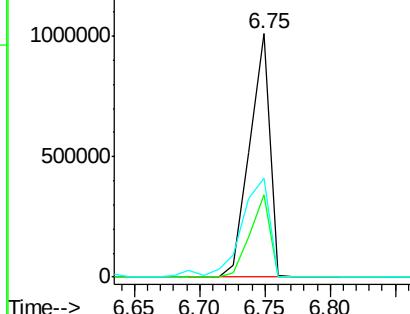
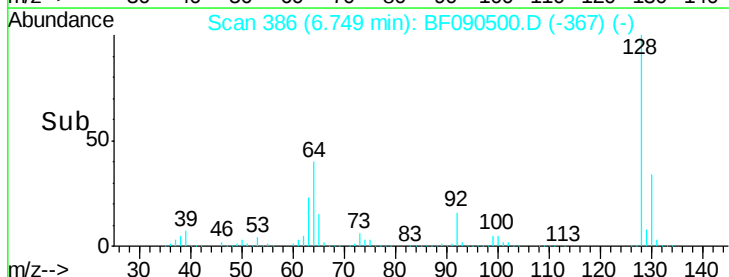
128 100

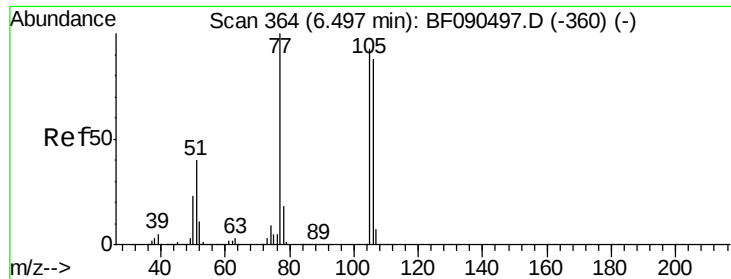
130 33.9 13.3 53.3

64 40.5 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: 76.42 ng

RT: 6.50 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

Instrument :

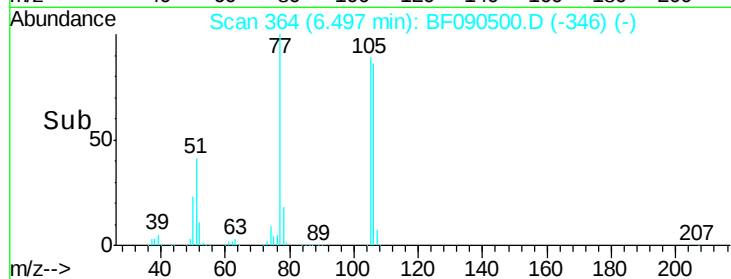
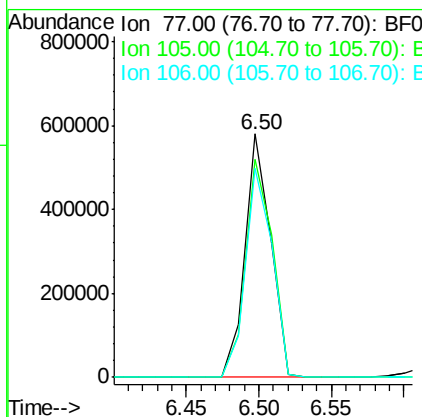
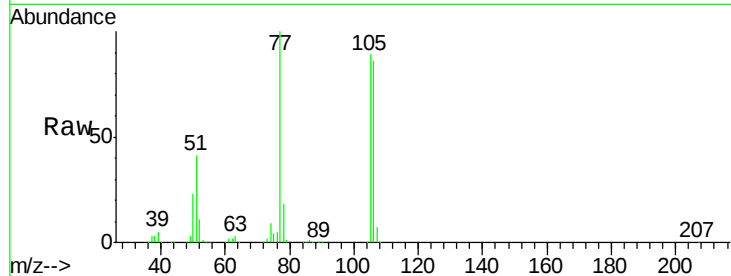
BNA_F

ClientSampleId :

SSTDIC080

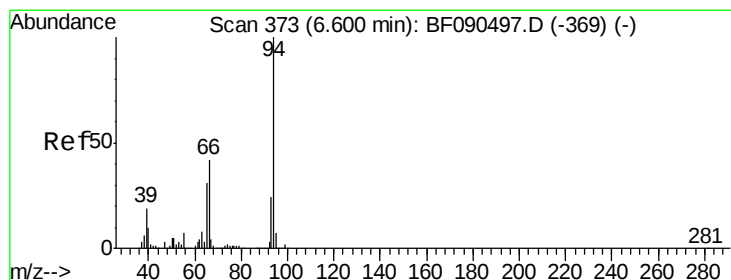
Tgt Ion	Ratio	Lower	Upper
77	100		
105	89.4	73.1	113.1
106	85.8	70.2	110.2

Manual Integrations
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#10

Phenol

Concen: 69.09 ng

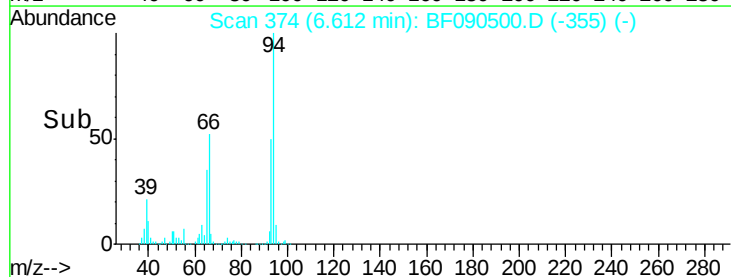
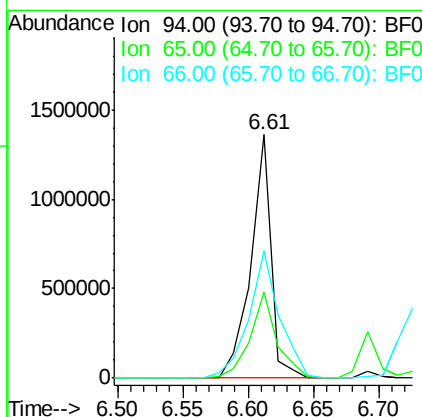
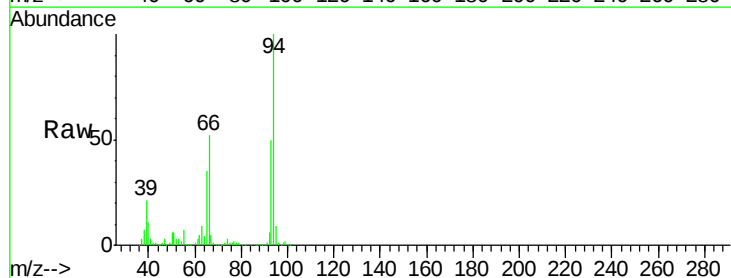
RT: 6.61 min Scan# 374

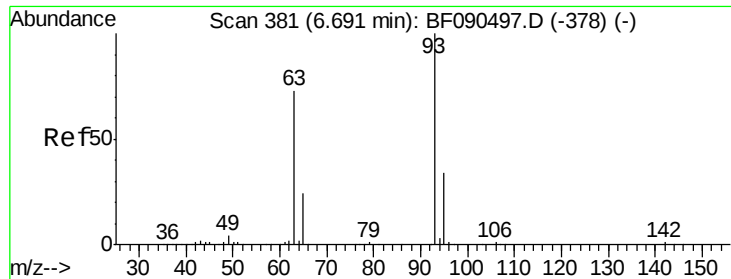
Delta R.T. 0.01 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

Tgt Ion	Ratio	Lower	Upper
94	100		
65	35.2	13.3	53.3
66	52.0	20.4	60.4



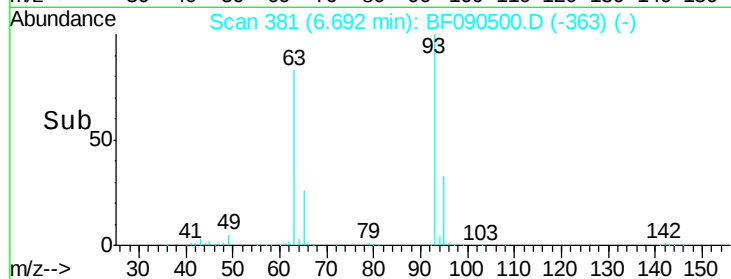
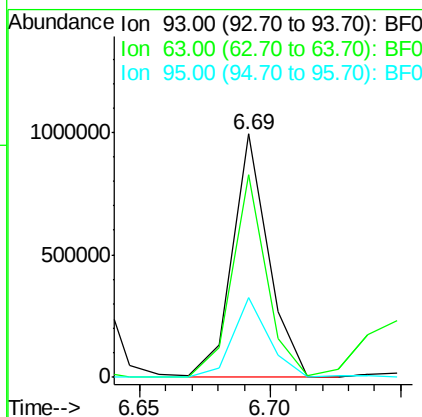
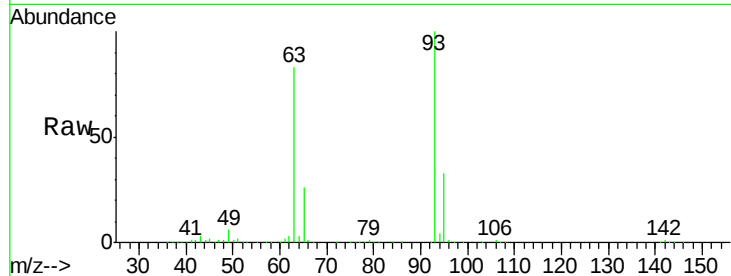


#11
bis(2-Chloroethyl)ether
Concen: 57.94 ng
RT: 6.69 min Scan# 381
Delta R.T. 0.00 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

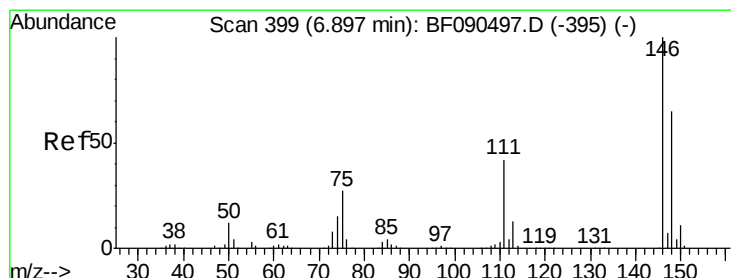
Tgt Ion:	93	Resp:	948421
Ion	Ratio	Lower	Upper
93	100		
63	83.0	59.7	99.7
95	33.0	14.0	54.0

Manual Integrations
APPROVED



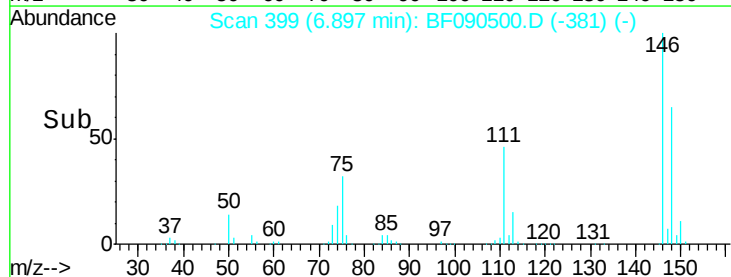
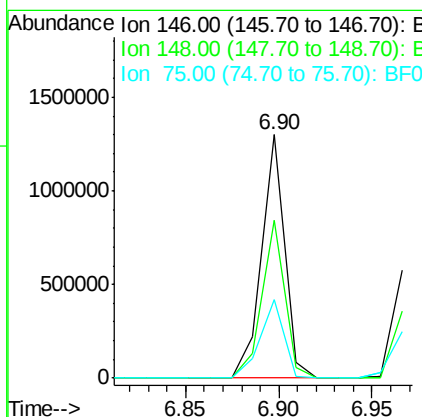
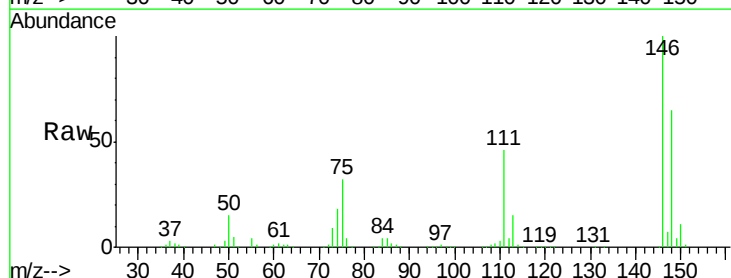
sohil

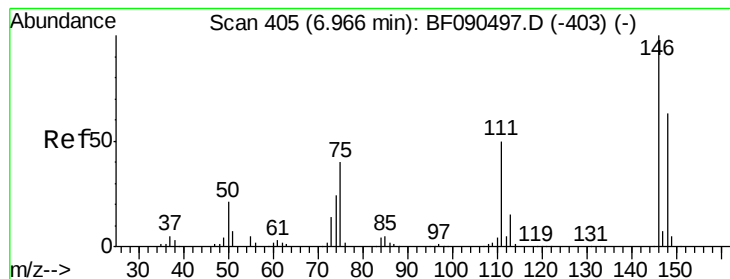
10/12/2016 4:08:07 PM



#12
1,3-Dichlorobenzene
Concen: 71.60 ng
RT: 6.90 min Scan# 399
Delta R.T. 0.00 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

Tgt Ion:	146	Resp:	1102710
Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.2	78.4
75	32.0	21.4	32.2





#13

1,4-Dichlorobenzene

Concen: 77.55 ng

RT: 6.98 min Scan# 406

Delta R.T. 0.01 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tgt Ion:146 Resp: 1213110

Ion Ratio Lower Upper

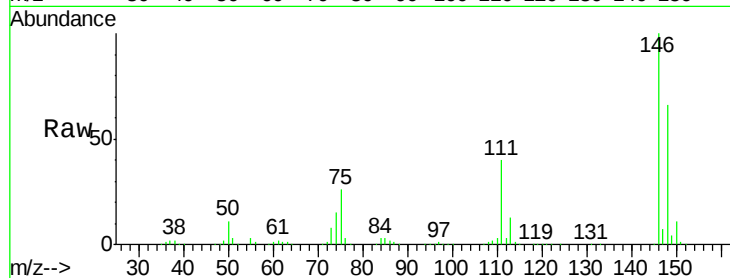
146 100

148 65.6 51.1 76.7

111 40.0 37.8 56.6

Manual Integrations

APPROVED

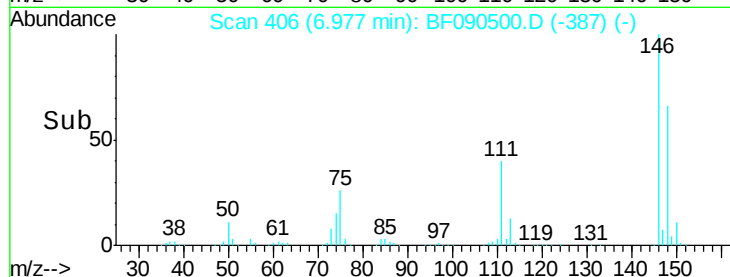
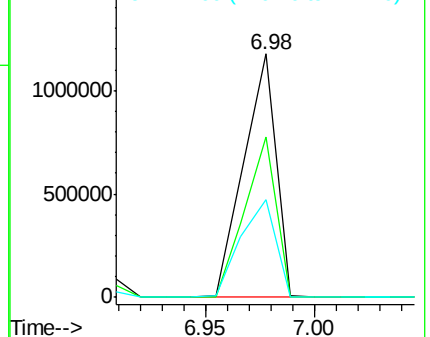


Abundance

Ion 146.00 (145.70 to 146.70): E

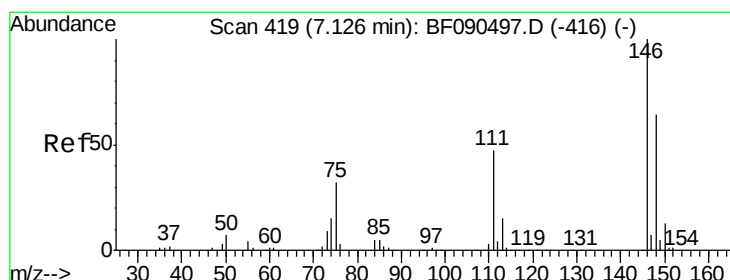
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



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#14

1,2-Dichlorobenzene

Concen: 63.29 ng

RT: 7.13 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

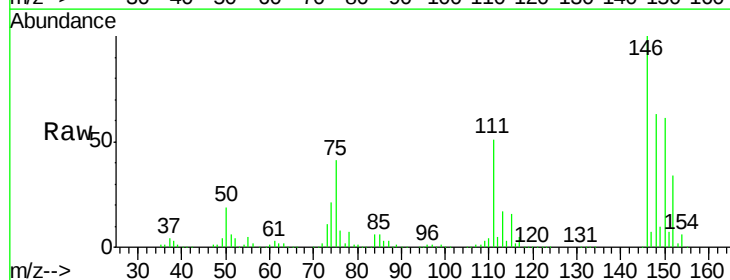
Tgt Ion:146 Resp: 953929

Ion Ratio Lower Upper

146 100

148 63.4 52.3 78.5

111 51.2 38.2 57.4

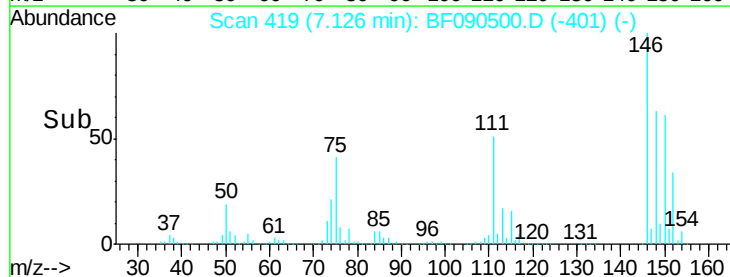
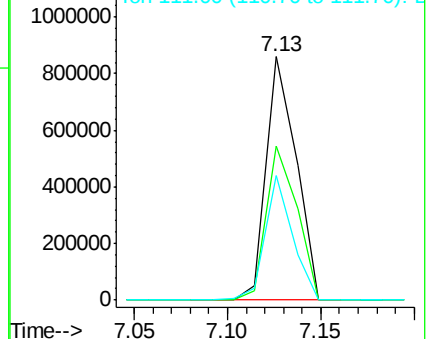


Abundance

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: 66.85 ng

RT: 7.10 min Scan# 417

Delta R.T. 0.01 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

Instrument :

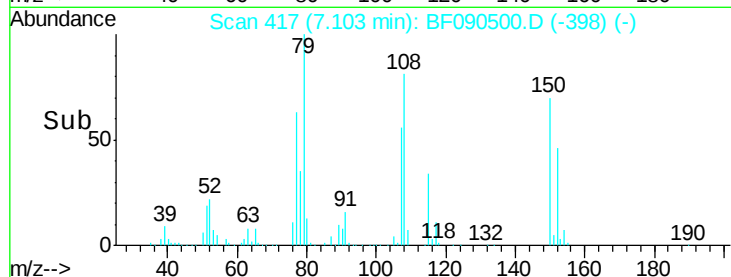
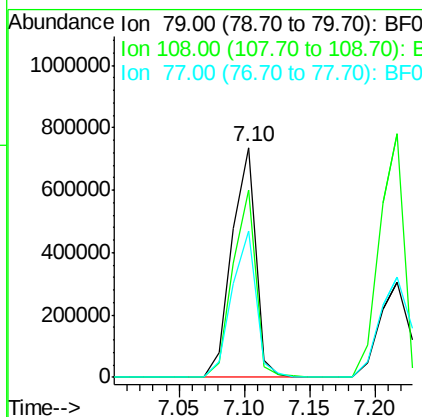
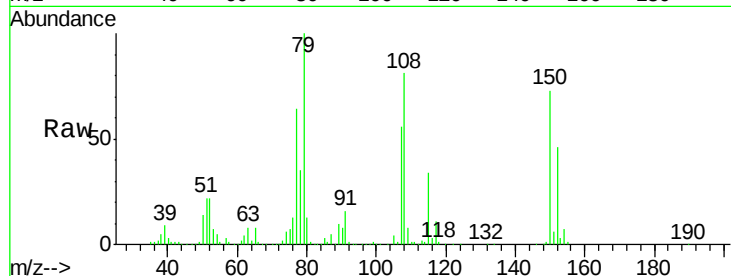
BNA_F

ClientSampleId :

SSTDIC080

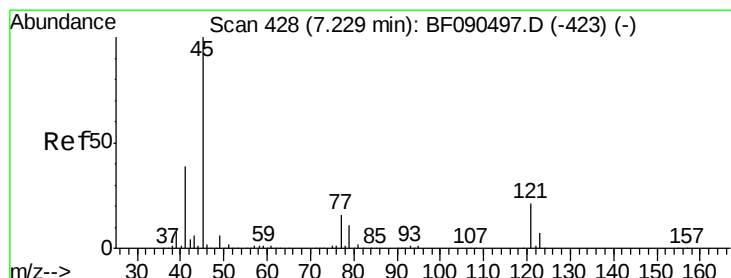
Tgt Ion:	79	Resp:	934500
Ion Ratio	Lower	Upper	
79	100		
108	81.3	60.9	91.3
77	63.6	51.5	77.3

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 51.87 ng

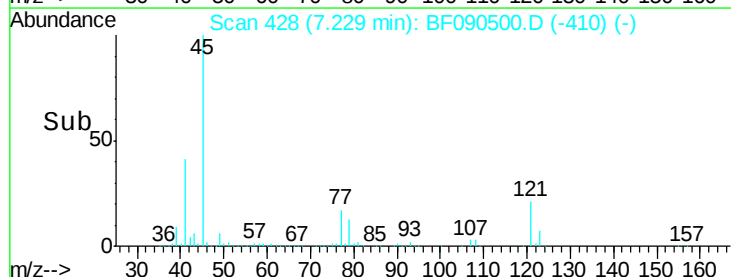
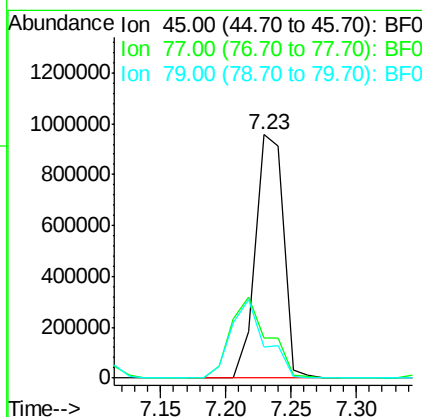
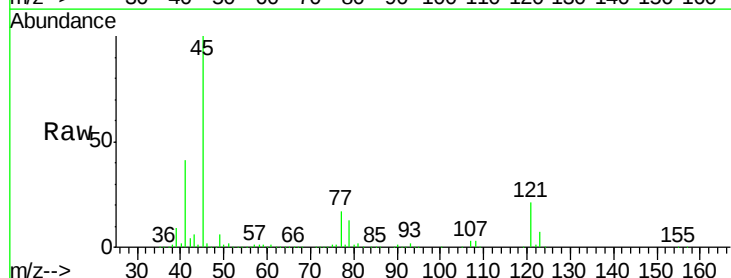
RT: 7.23 min Scan# 428

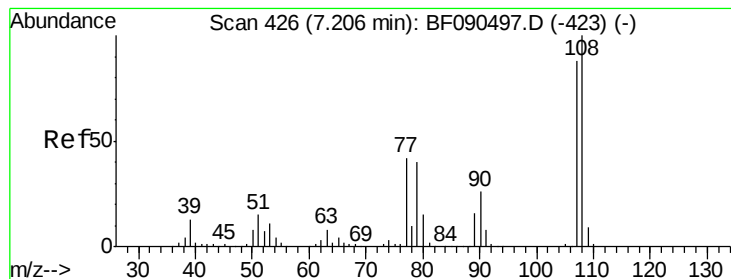
Delta R.T. 0.00 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

Tgt Ion:	45	Resp:	1440136
Ion Ratio	Lower	Upper	
45	100		
77	16.5	0.0	30.8
79	12.6	0.0	28.2



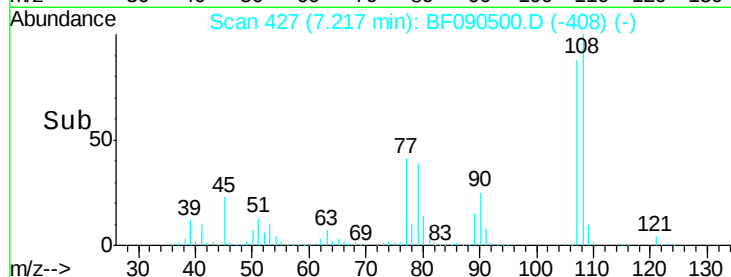
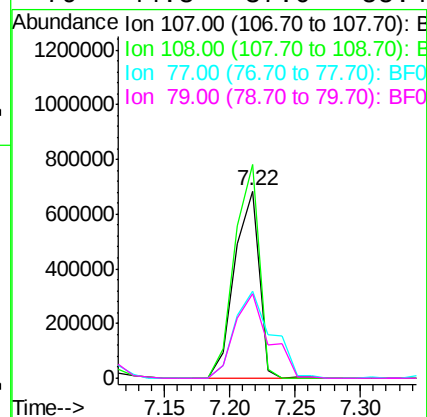
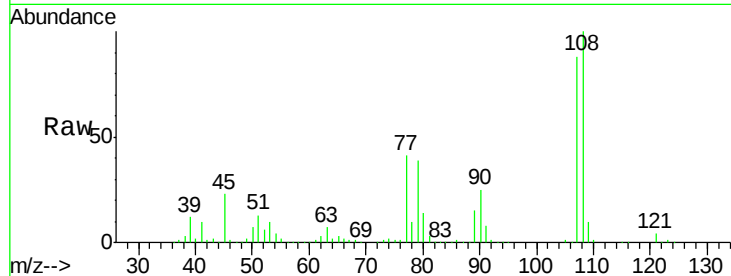


#17
2-Methylphenol
Concen: 70.37 ng
RT: 7.22 min Scan# 427
Delta R.T. 0.01 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

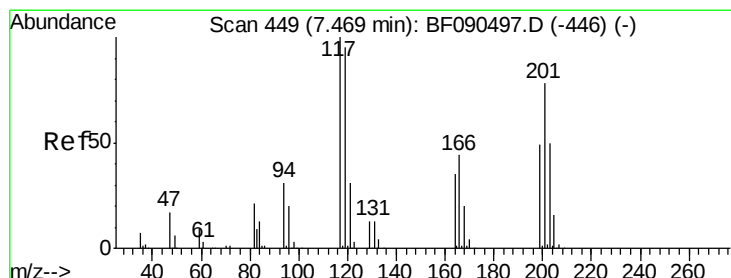
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	894249		
108	108	114.0		90.9	136.3
77	77	46.8		38.2	57.4
79	79	44.8		37.0	55.4

Manual Integrations
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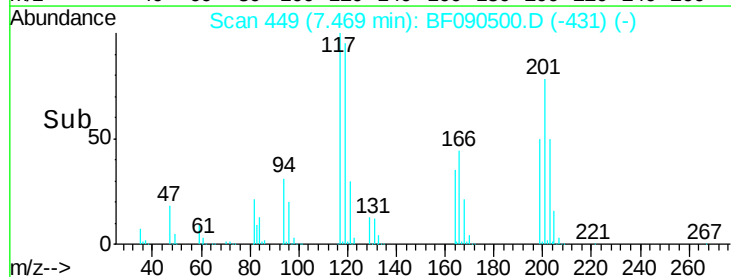
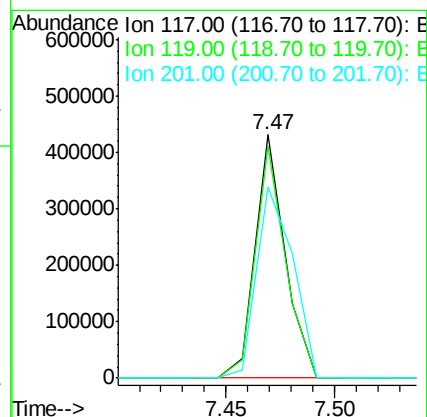
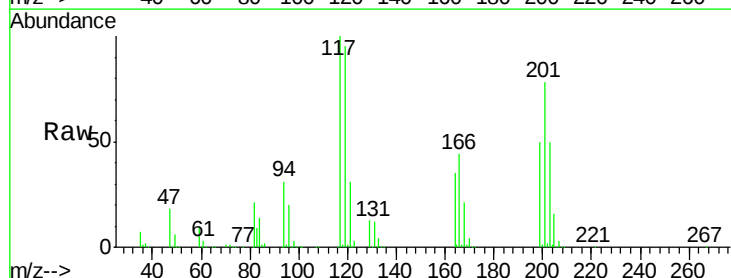
sohil

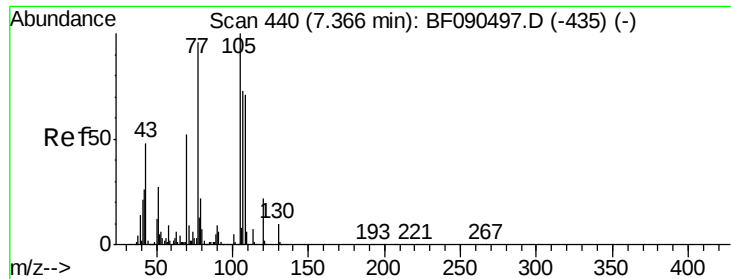
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#18
Hexachloroethane
Concen: 66.52 ng
RT: 7.47 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100	410210		
119	119	95.2		75.9	113.9
201	201	78.3		66.5	99.7



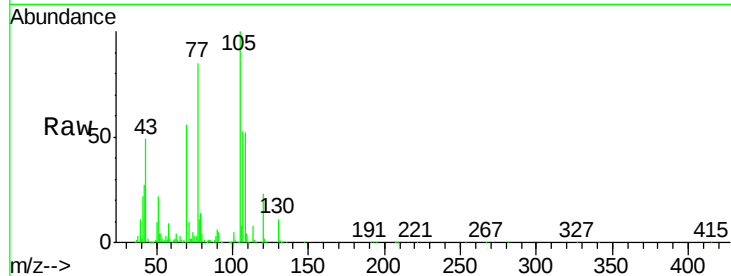


#19
n-Nitroso-di-n-propylamine
Concen: 53.04 ng
RT: 7.38 min Scan# 441
Delta R.T. 0.01 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

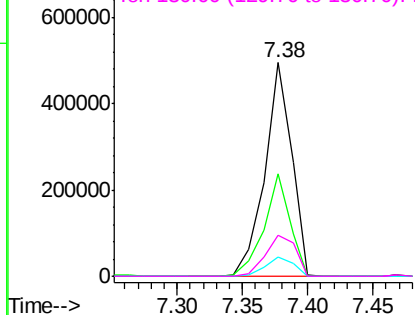
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Lower	Upper
70	100		
42	48.2	55.4	83.2#
101	8.9	7.6	11.4
130	19.2	16.5	24.7

Manual Integrations
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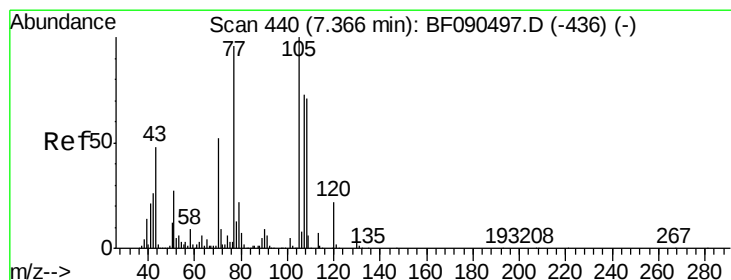
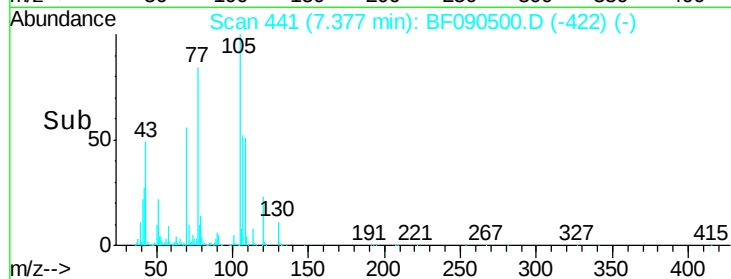


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E



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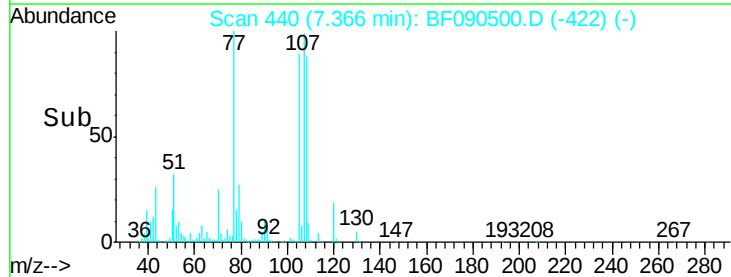
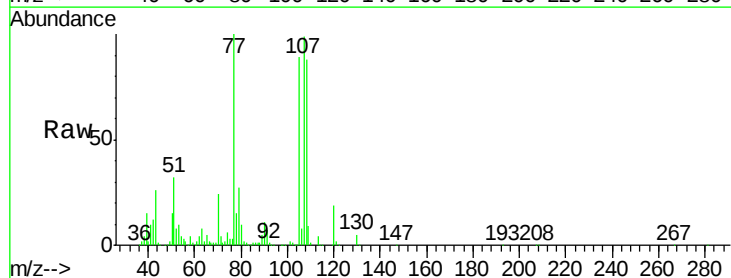
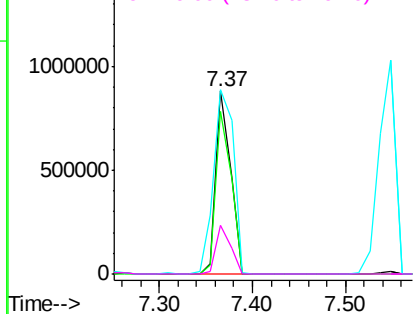
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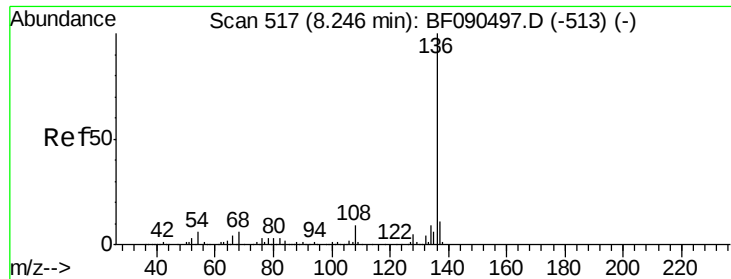


#20
3+4-Methylphenols
Concen: 58.43 ng
RT: 7.37 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.7	66.7	106.7
77	100.7	53.7	93.7#
79	26.9	8.4	48.4

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.25 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

Instrument :

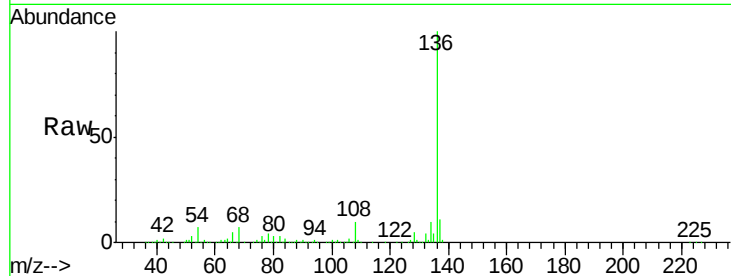
BNA_F

ClientSampleId :

SSTDIC080

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	859490		
137	11.1		9.0	13.6
54	7.5		6.6	10.0
68	7.0		5.0	7.6

Manual Integrations
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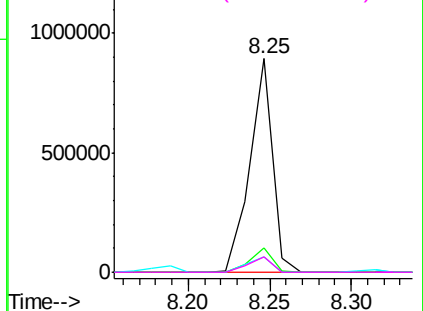


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

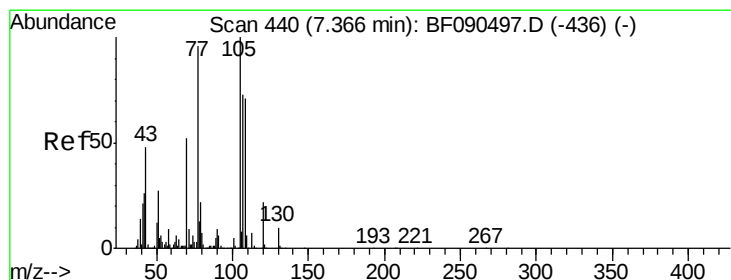
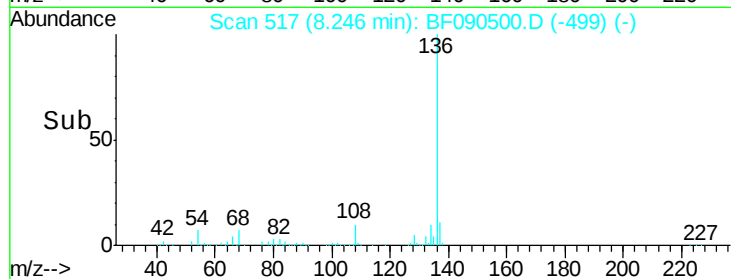
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



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#22

Acetophenone

Concen: 66.98 ng

RT: 7.38 min Scan# 441

Delta R.T. 0.01 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

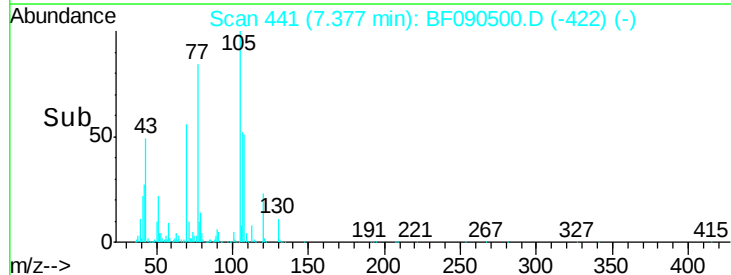
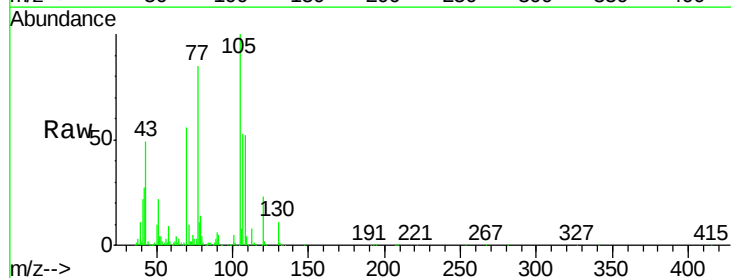
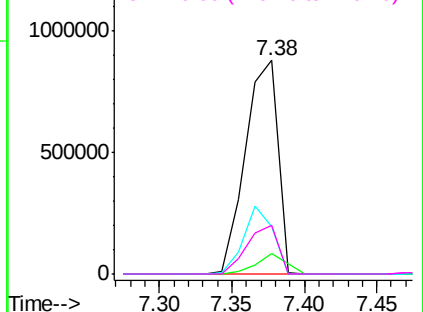
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1363565		
71	9.5		3.8	5.6#
51	22.4		28.2	42.4#
120	22.9		17.4	26.2

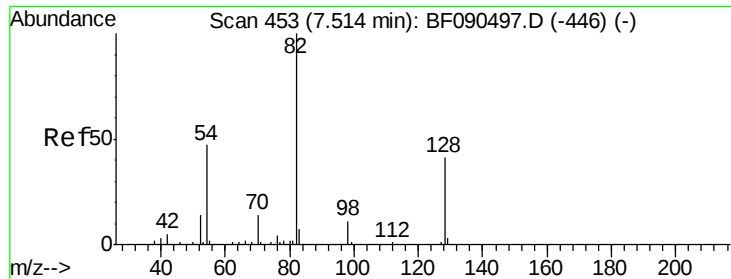
Abundance Ion 105.00 (104.70 to 105.70): E

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



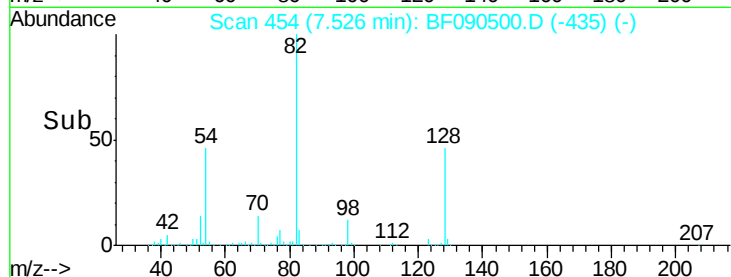
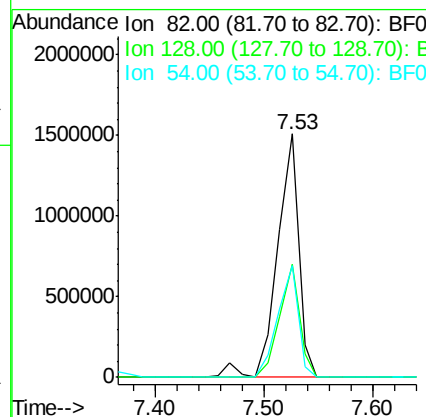
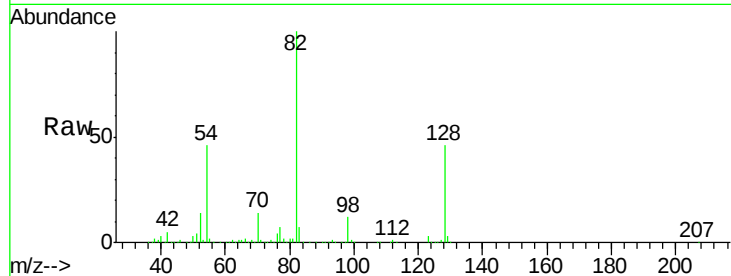


#23
Nitrobenzene-d5
Concen: 117.16 ng
RT: 7.53 min Scan# 454
Delta R.T. 0.01 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

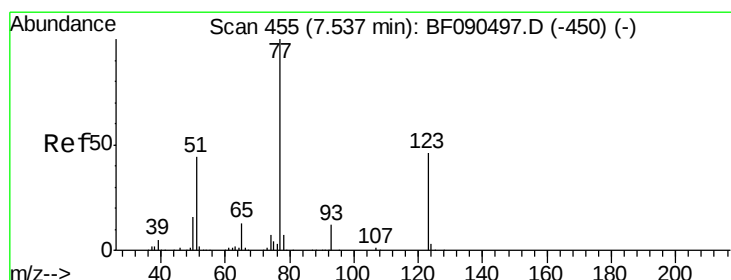
Tgt Ion: 82 Resp: 2070060
Ion Ratio Lower Upper
82 100
128 46.4 40.0 60.0
54 45.8 42.6 64.0

Manual Integrations
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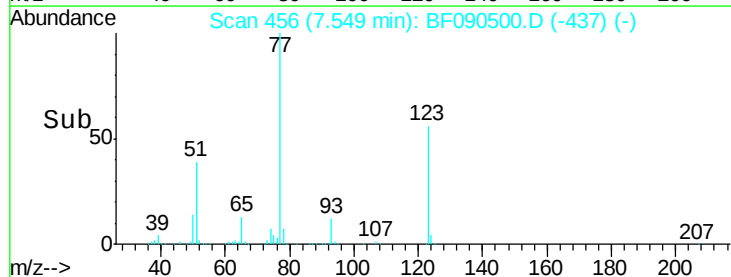
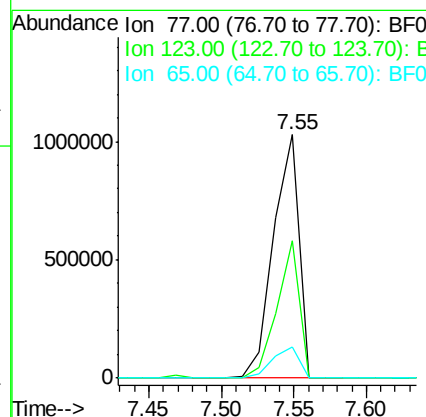
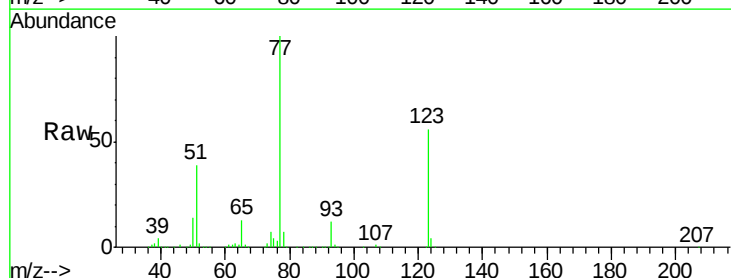
sohil

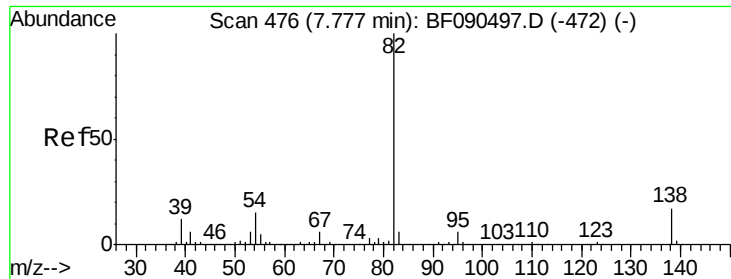
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#24
Nitrobenzene
Concen: 71.47 ng
RT: 7.55 min Scan# 456
Delta R.T. 0.01 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

Tgt Ion: 77 Resp: 1253693
Ion Ratio Lower Upper
77 100
123 56.2 33.0 49.4#
65 12.7 12.0 18.0





#25

Isophorone

Concen: 63.48 ng

RT: 7.79 min Scan# 477

Delta R.T. 0.01 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tgt Ion: 82 Resp: 2050582

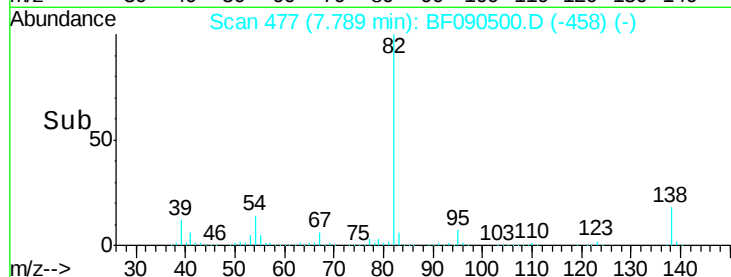
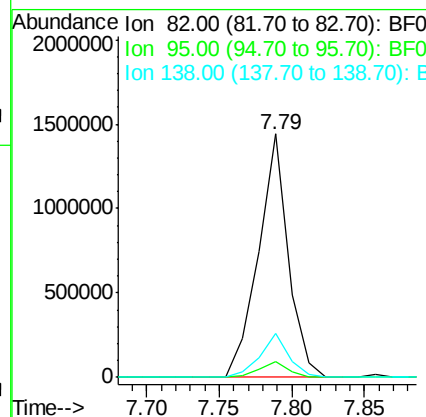
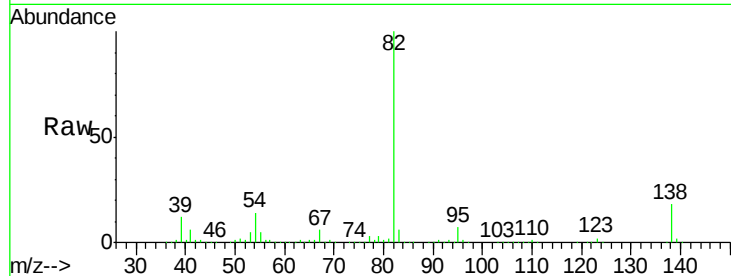
Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

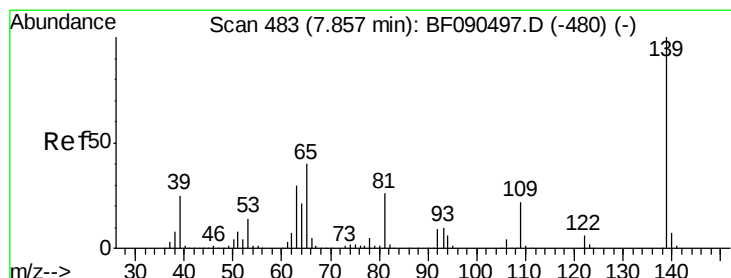
138 18.2 13.0 19.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 74.01 ng

RT: 7.86 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

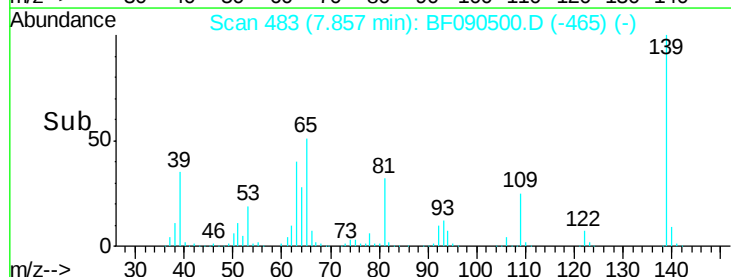
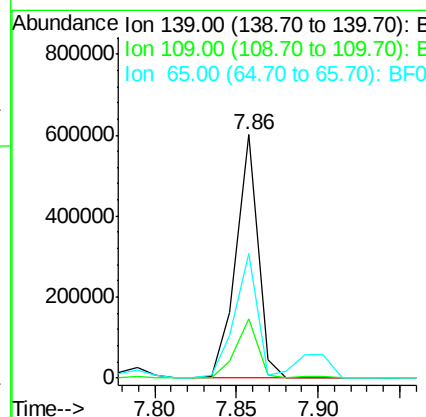
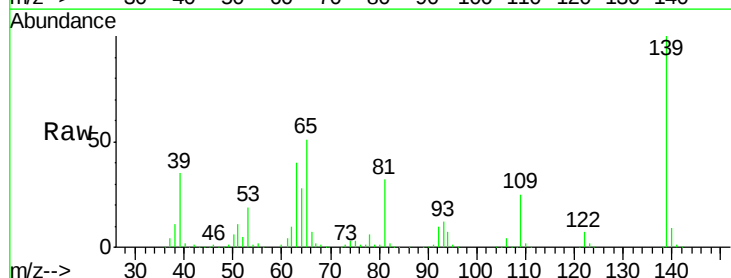
Tgt Ion: 139 Resp: 558758

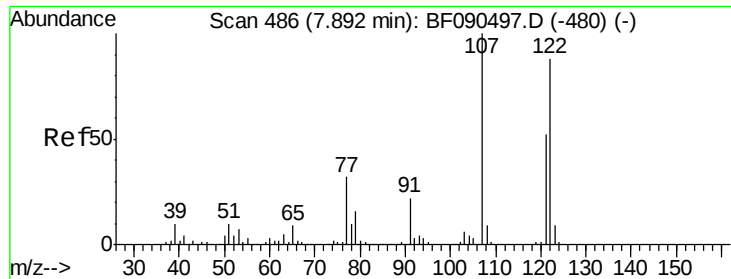
Ion Ratio Lower Upper

139 100

109 24.6 18.9 28.3

65 50.9 31.6 47.4#



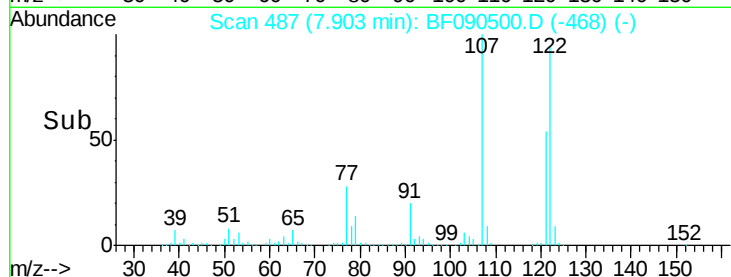
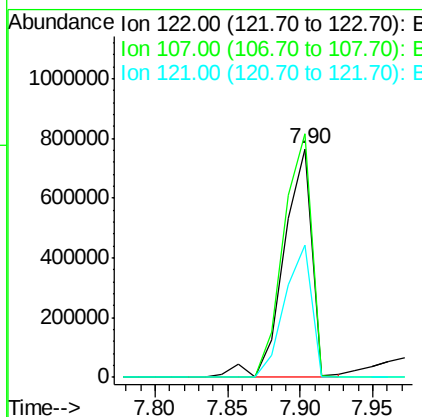
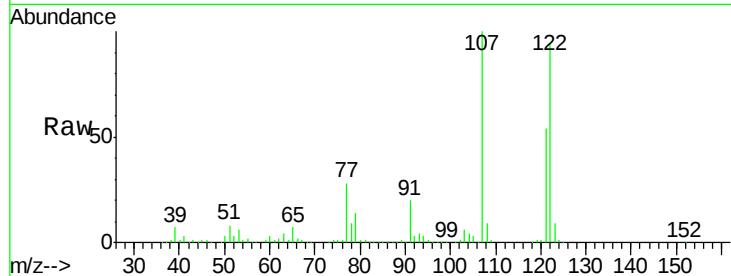


#27
 2,4-Dimethylphenol
 Concen: 70.13 ng
 RT: 7.90 min Scan# 487
 Delta R.T. 0.01 min
 Lab File: BF090500.D
 Acq: 11 Oct 2016 13:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

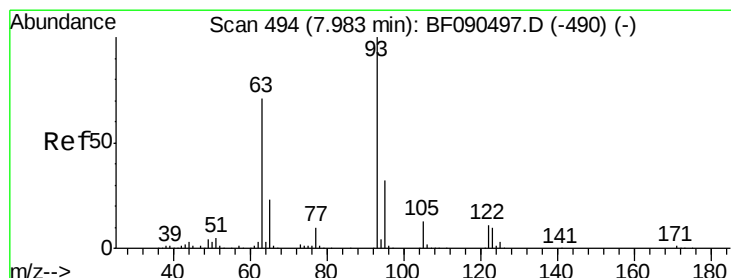
Tgt Ion: 122 Resp: 1029783
 Ion Ratio Lower Upper
 122 100
 107 106.4 88.6 132.8
 121 57.9 47.5 71.3

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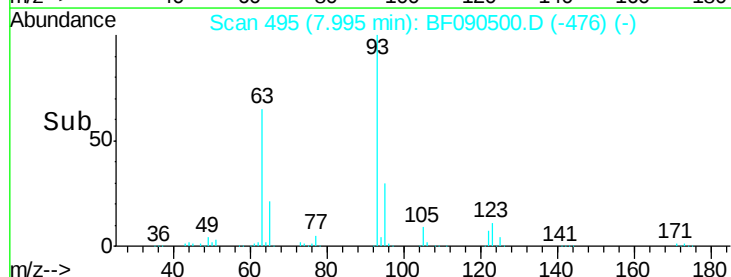
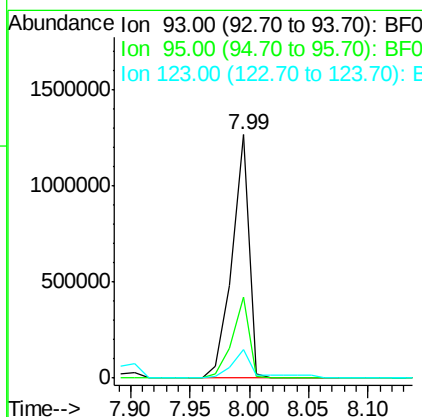
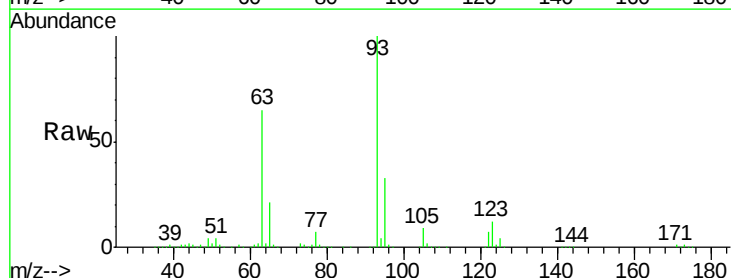
sohil

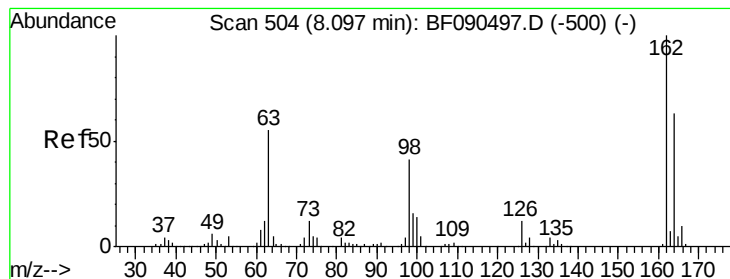
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#28
 bis(2-Chloroethoxy)methane
 Concen: 65.96 ng
 RT: 7.99 min Scan# 495
 Delta R.T. 0.01 min
 Lab File: BF090500.D
 Acq: 11 Oct 2016 13:41

Tgt Ion: 93 Resp: 1260148
 Ion Ratio Lower Upper
 93 100
 95 33.3 27.0 40.4
 123 12.0 11.1 16.7



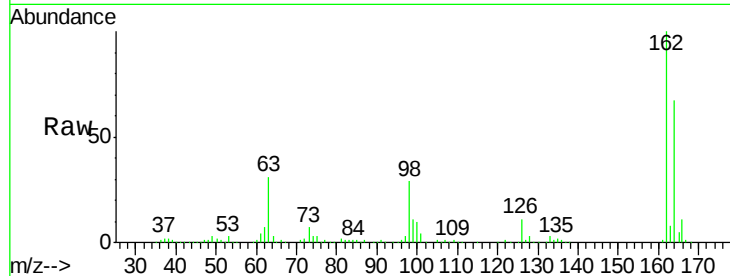


#29
 2,4-Dichlorophenol
 Concen: 73.73 ng
 RT: 8.11 min Scan# 505
 Delta R.T. 0.01 min
 Lab File: BF090500.D
 Acq: 11 Oct 2016 13:41

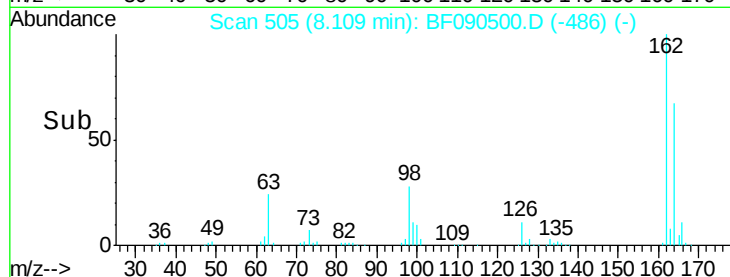
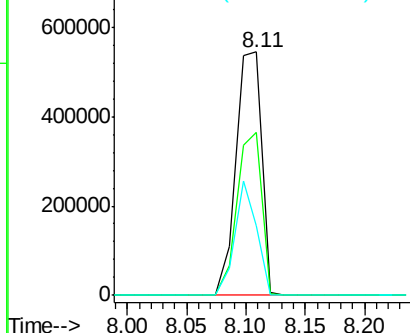
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	823105		
164	67.2	45.7	85.7	
98	28.6	13.3	53.3	

Manual Integrations
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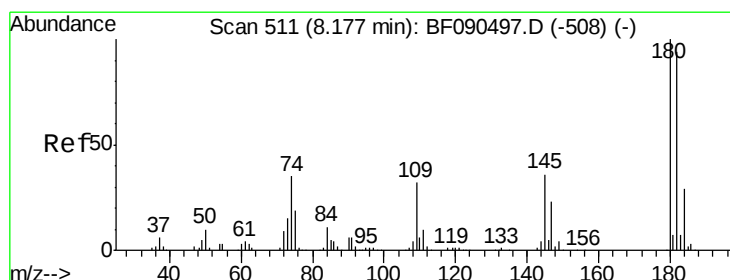


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0



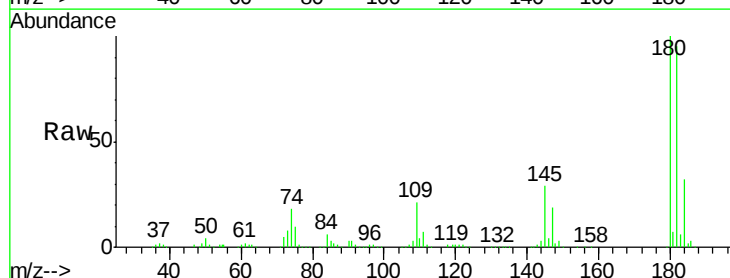
sohil

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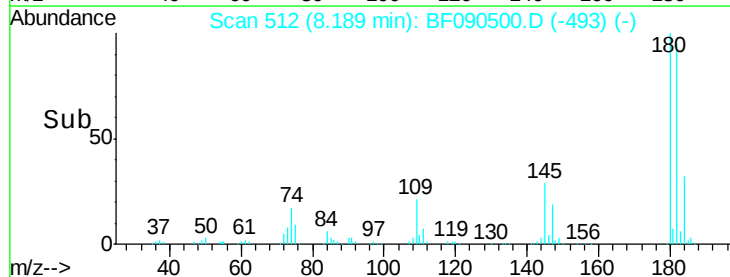
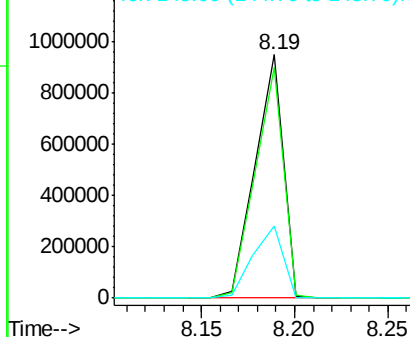


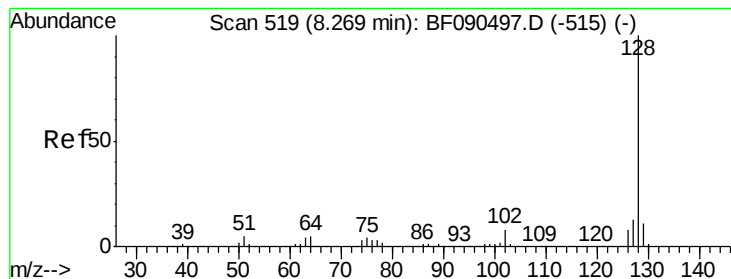
#30
 1,2,4-Trichlorobenzene
 Concen: 86.07 ng
 RT: 8.19 min Scan# 512
 Delta R.T. 0.01 min
 Lab File: BF090500.D
 Acq: 11 Oct 2016 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	990208		
182	94.6	75.3	112.9	
145	29.4	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: 69.04 ng

RT: 8.27 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tgt Ion:128 Resp: 2862775

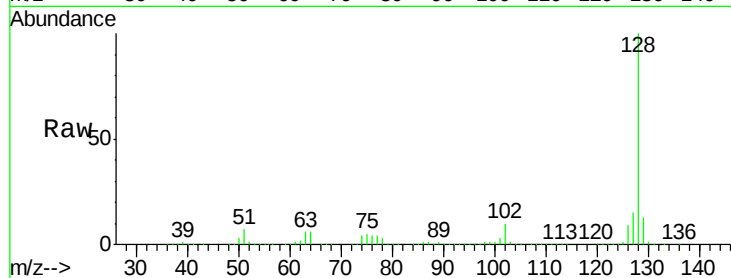
Ion Ratio Lower Upper

128 100

129 12.5 9.7 14.5

127 14.8 11.7 17.5

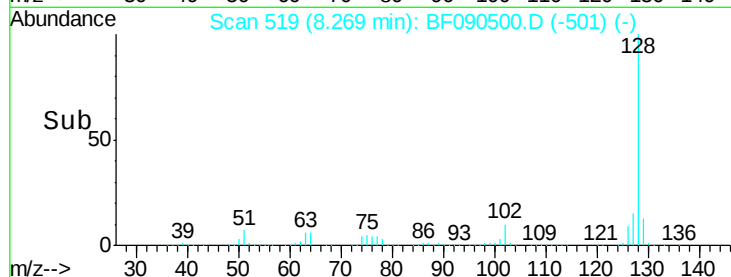
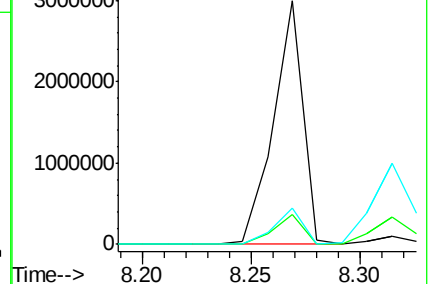
Manual Integrations
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Abundance Ion 128.00 (127.70 to 128.70): E

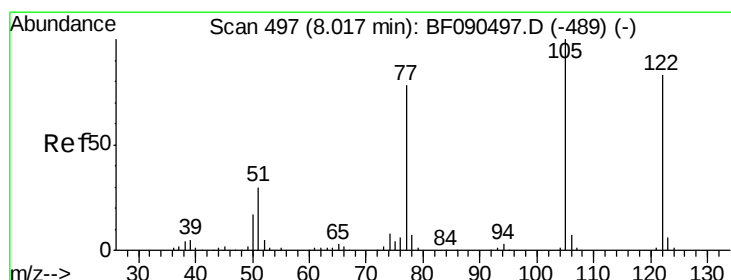
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



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#32

Benzoic acid

Concen: 79.61 ng

RT: 8.05 min Scan# 500

Delta R.T. 0.03 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

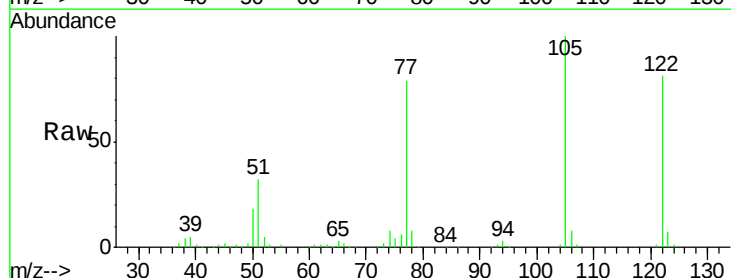
Tgt Ion:122 Resp: 812628

Ion Ratio Lower Upper

122 100

105 123.0 103.9 143.9

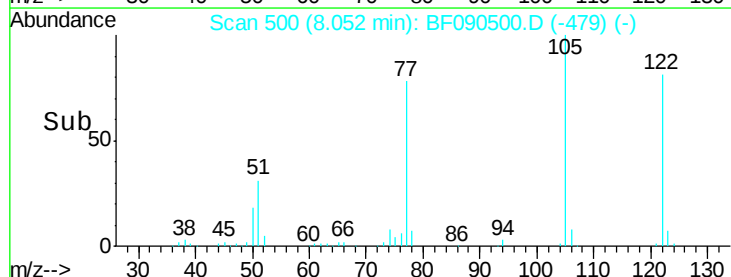
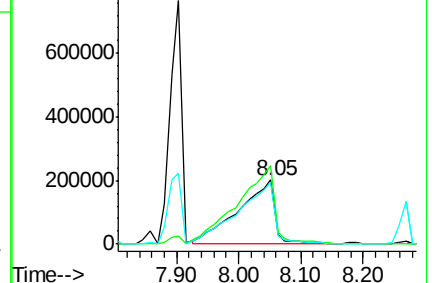
77 97.4 74.6 114.6

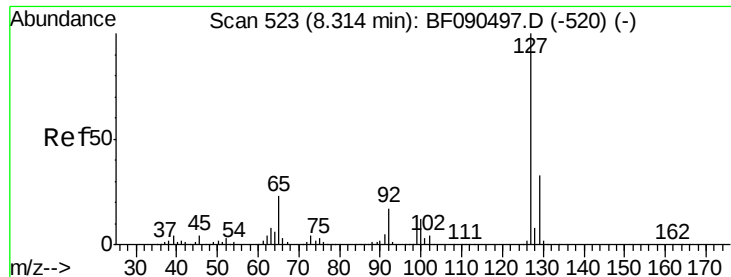


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



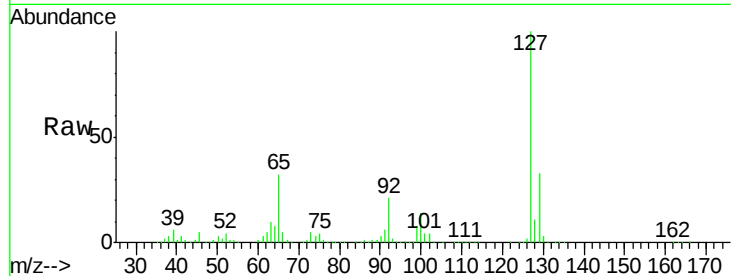


#33
4-Chloroaniline
Concen: 73.29 ng
RT: 8.31 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

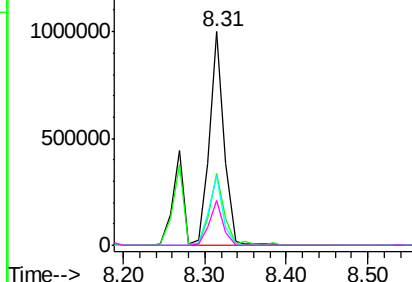
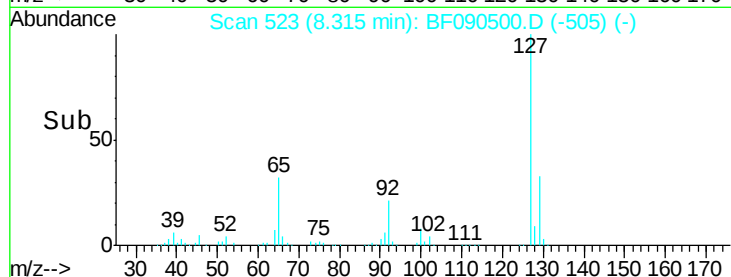
Instrument :
BNA_F
ClientSampled :
SSTDIC080

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.5	26.2	39.4
65	32.2	32.5	48.7#
92	20.7	17.2	25.8

Manual Integrations
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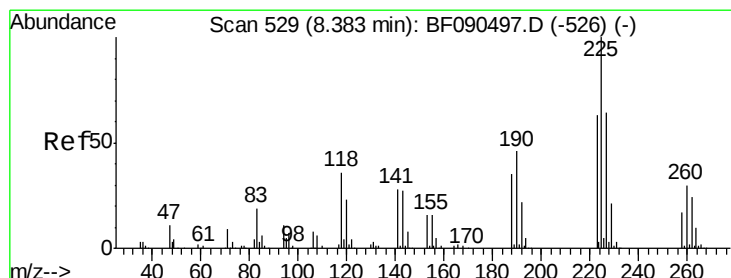


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0



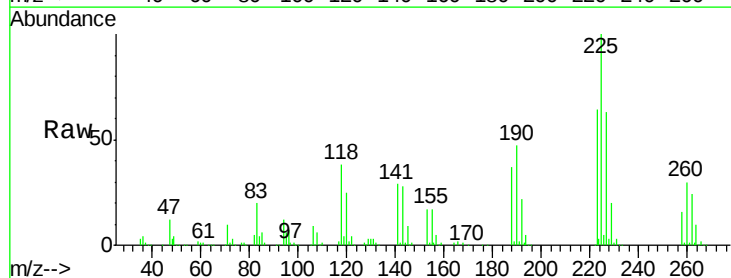
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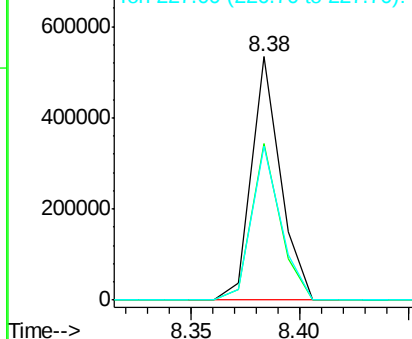
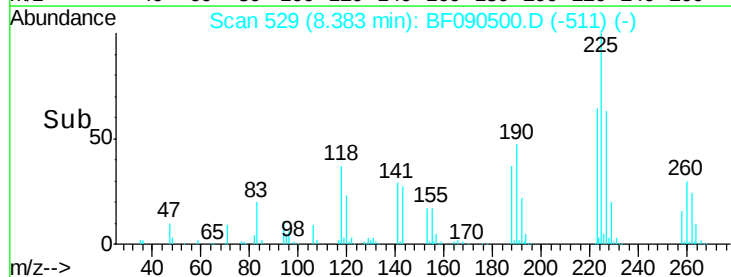


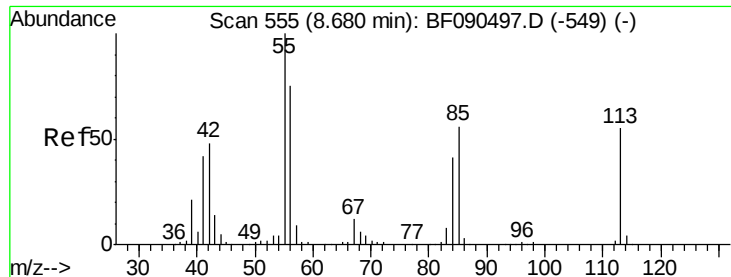
#34
Hexachlorobutadiene
Concen: 76.93 ng
RT: 8.38 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	51.0	76.4
227	63.4	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: 71.69 ng

RT: 8.70 min Scan# 557

Delta R.T. 0.02 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

Instrument :

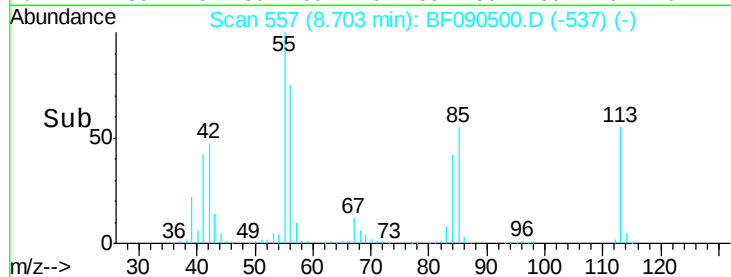
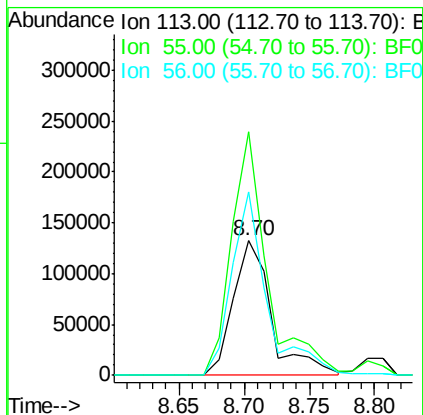
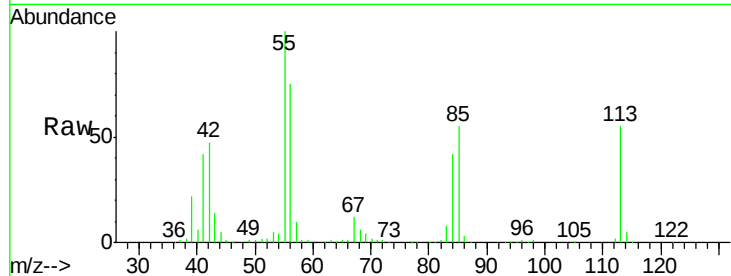
BNA_F

ClientSampleId :

SSTDIC080

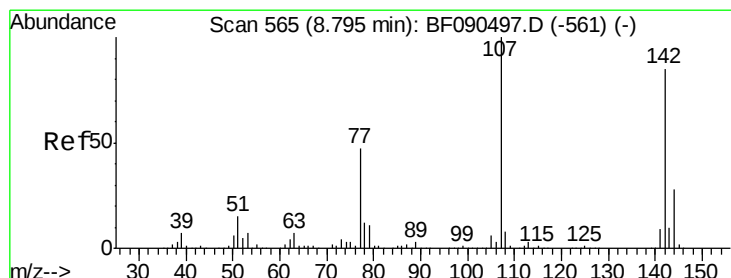
Tgt Ion	Ratio	Lower	Upper
113	100		
55	180.9	203.3	243.3#
56	135.9	140.5	180.5#

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#36

4-Chloro-3-methylphenol

Concen: 66.42 ng

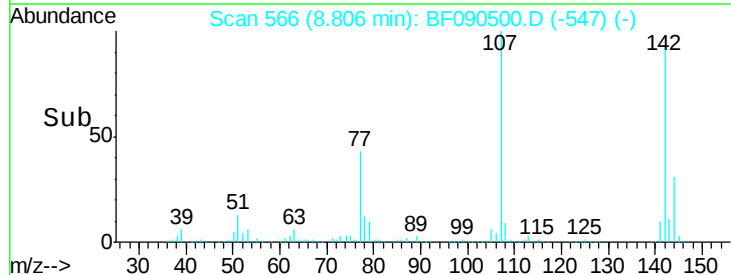
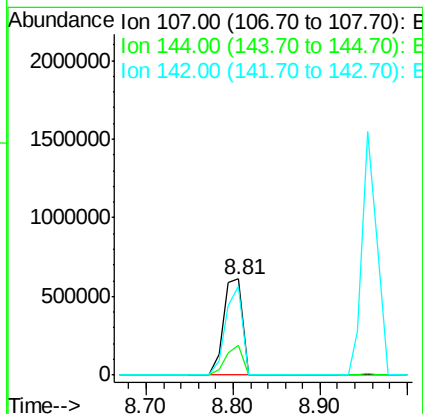
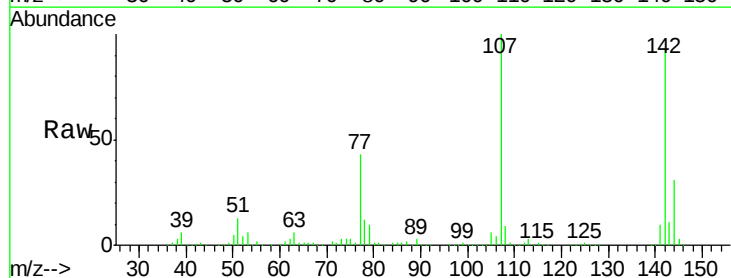
RT: 8.81 min Scan# 566

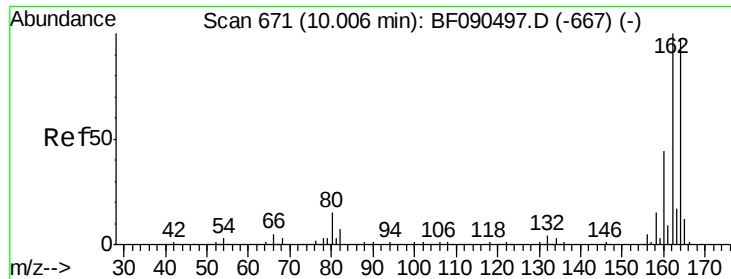
Delta R.T. 0.01 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

Tgt Ion	Ratio	Lower	Upper
107	100		
144	30.7	19.8	29.8#
142	92.9	60.7	91.1#



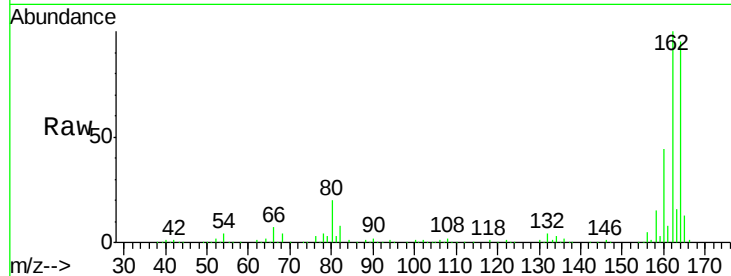


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

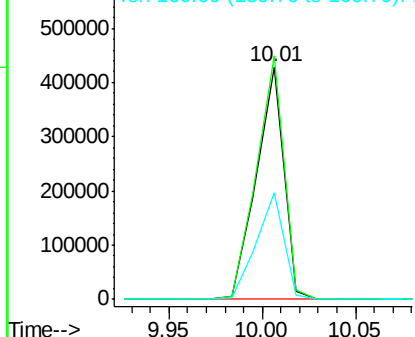
Instrument :
BNA_F
ClientSampled :
SSTDIC080

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	80.1	120.1
160	46.0	36.3	54.5

Manual Integrations
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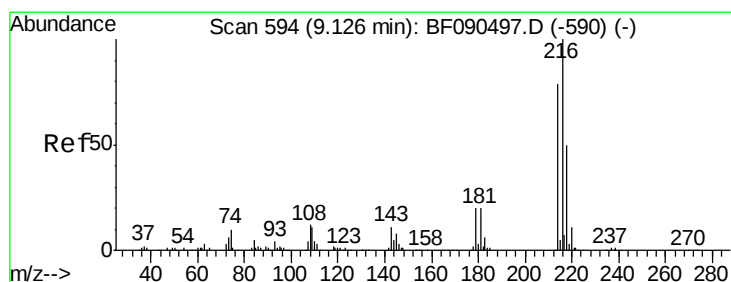
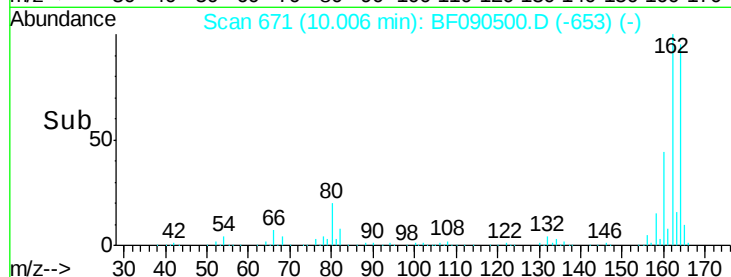


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



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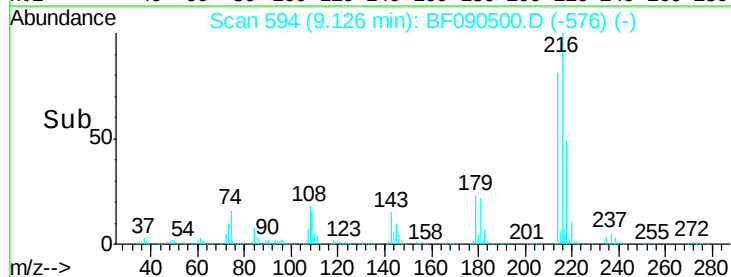
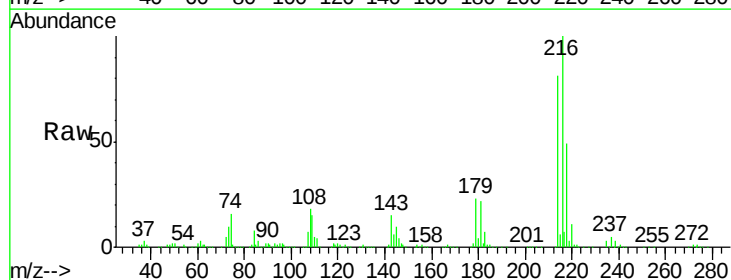
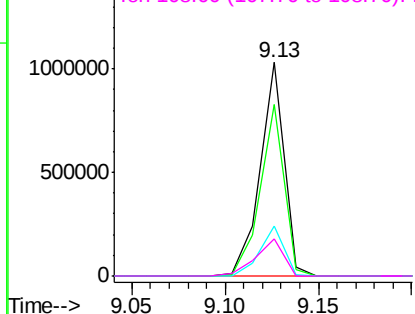
10/12/2016 4:08:07 PM

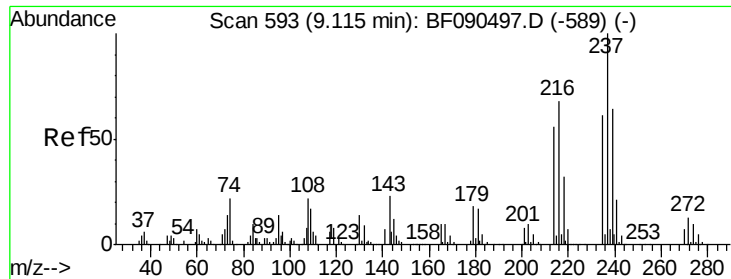


#39
1,2,4,5-Tetrachlorobenzene
Concen: 79.43 ng
RT: 9.13 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.4	64.2	96.2
179	23.4	18.0	27.0
108	20.3	15.2	22.8

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



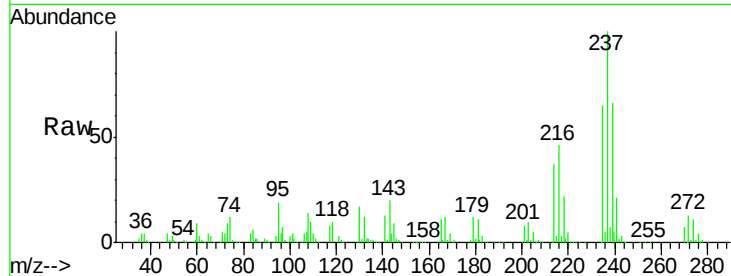


#40
Hexachlorocyclopentadiene
Concen: 74.28 ng
RT: 9.11 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

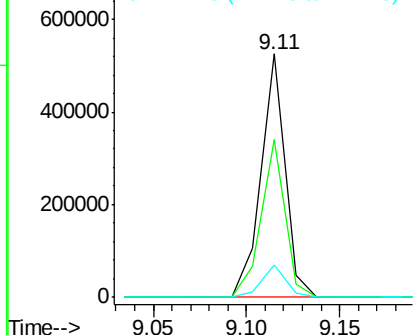
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	64.6	43.6	83.6
272	13.3	0.0	32.7

Manual Integrations
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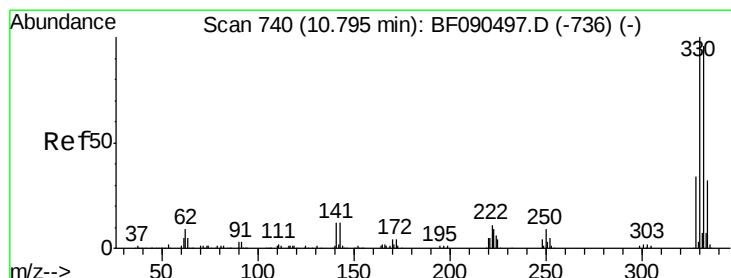
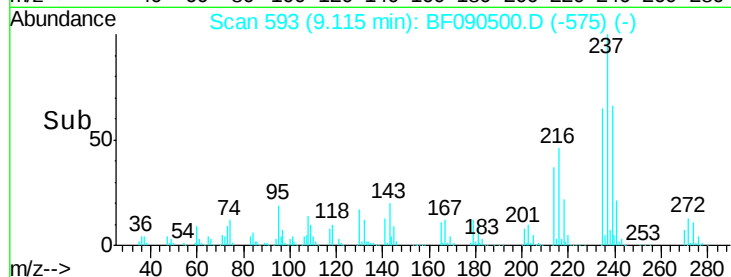


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



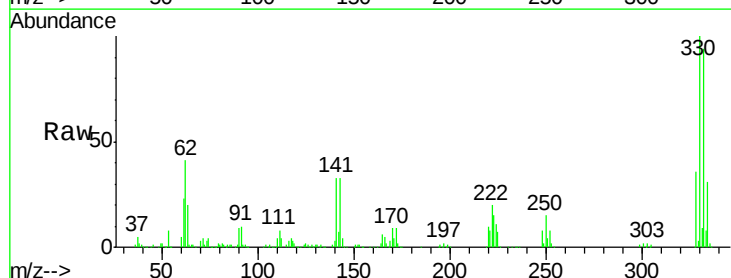
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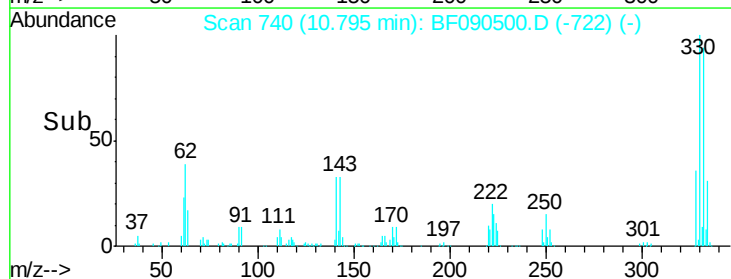
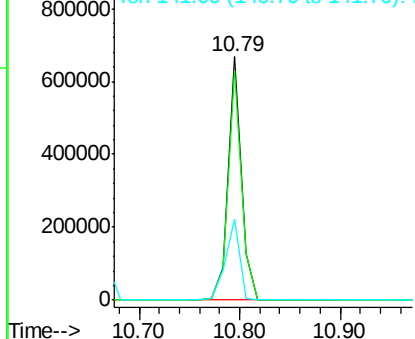


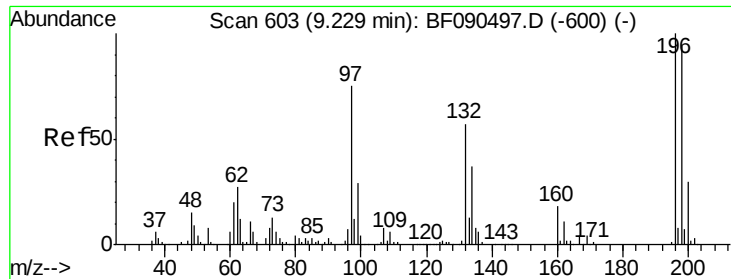
#41
2,4,6-Tribromophenol
Concen: 173.21 ng
RT: 10.79 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	95.0	75.4	113.0
141	35.4	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: 81.56 ng

RT: 9.24 min Scan# 604

Delta R.T. 0.01 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

Instrument :

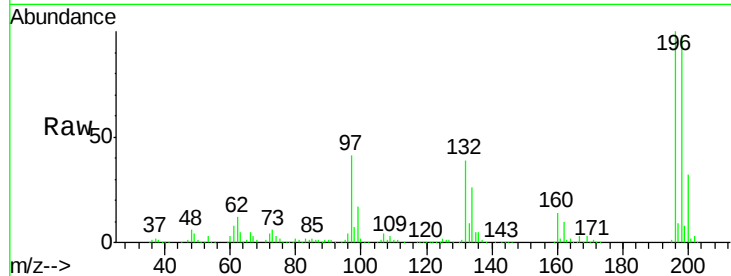
BNA_F

ClientSampled :

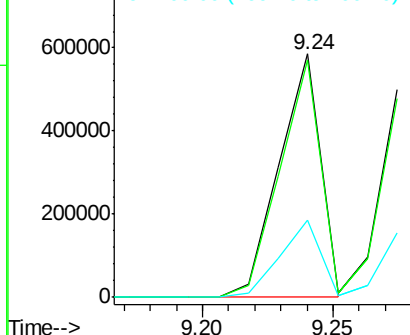
SSTDIC080

Tgt Ion:	196	Resp:	645555
Ion Ratio	Lower	Upper	
196	100		
198	97.7	78.9	118.3
200	32.0	25.4	38.2

Manual Integrations
APPROVED

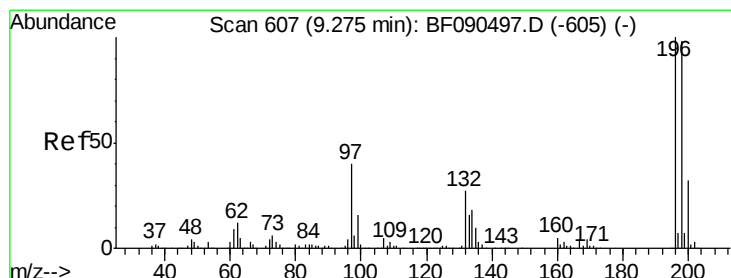
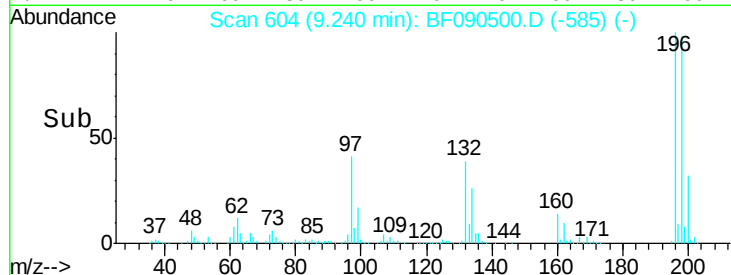


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E



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#43

2,4,5-Trichlorophenol

Concen: 80.26 ng

RT: 9.27 min Scan# 607

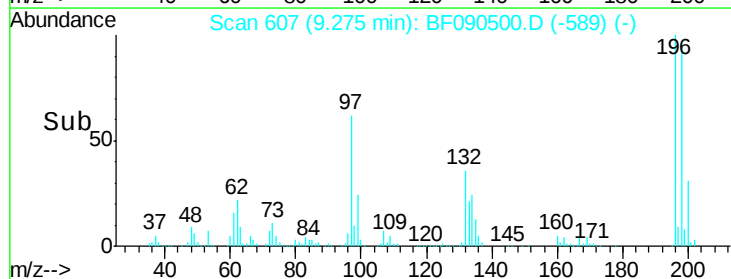
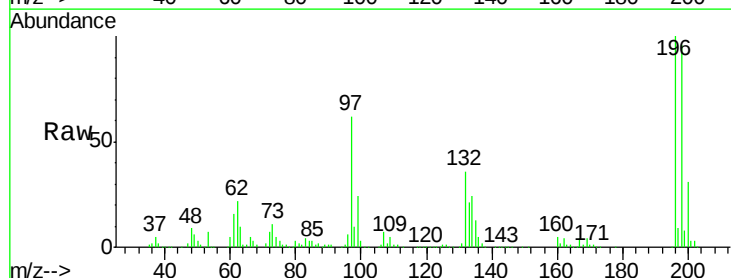
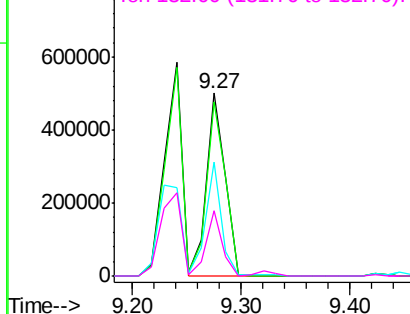
Delta R.T. 0.00 min

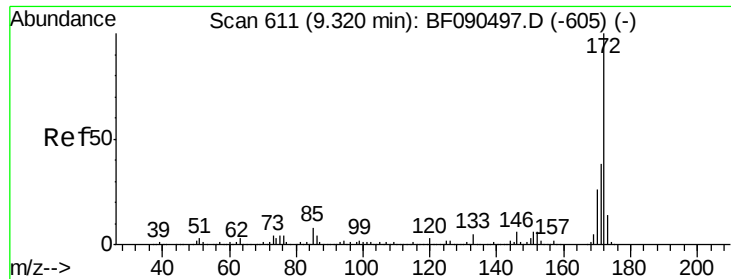
Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

Tgt Ion:	196	Resp:	600685
Ion Ratio	Lower	Upper	
196	100		
198	95.5	78.1	117.1
97	62.0	48.1	72.1
132	35.7	27.4	41.2

Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E





#44

2-Fluorobiphenyl

Concen: 134.49 ng

RT: 9.32 min Scan# 611

Delta R.T. 0.00 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tgt Ion:172 Resp: 3511742

Ion Ratio Lower Upper

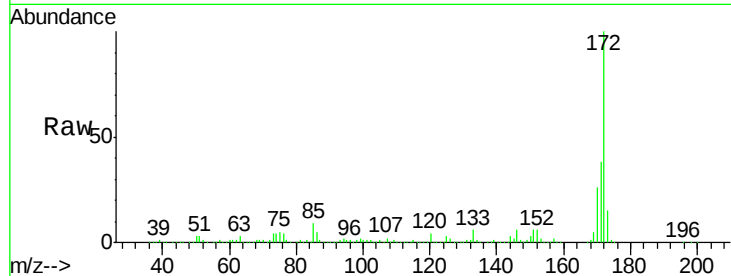
172 100

171 37.9 31.8 47.8

170 26.3 21.7 32.5

Manual Integrations

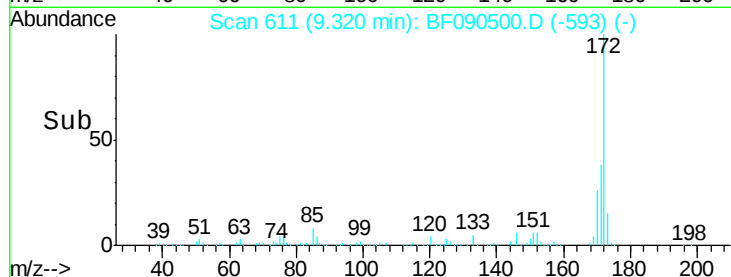
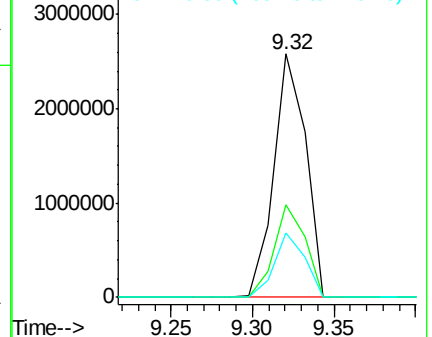
APPROVED



Abundance Ion 172.00 (171.70 to 172.70): E

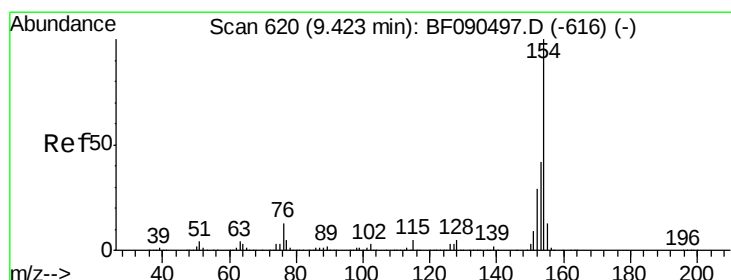
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



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#45

1,1'-Biphenyl

Concen: 64.98 ng

RT: 9.42 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

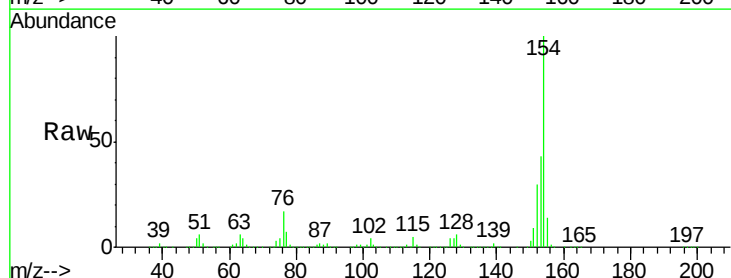
Tgt Ion:154 Resp: 2094737

Ion Ratio Lower Upper

154 100

153 42.6 23.8 63.8

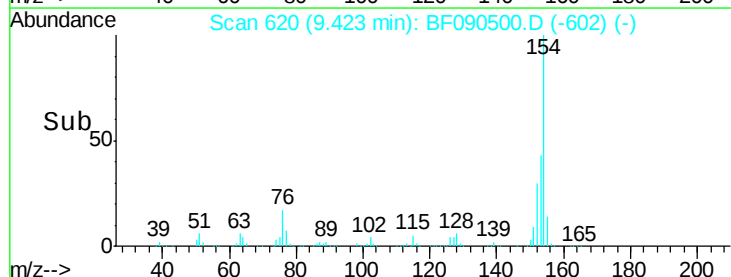
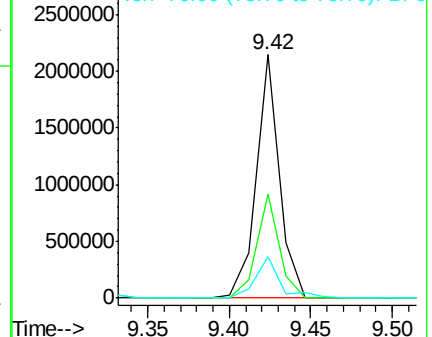
76 16.9 0.0 35.8

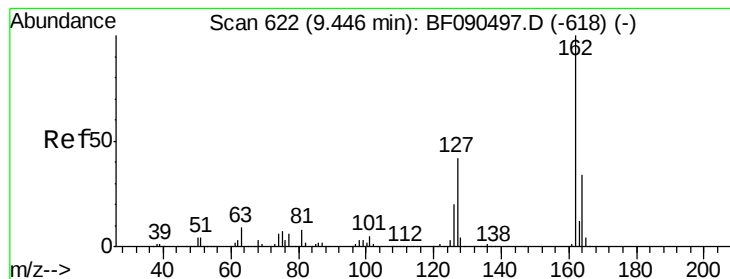


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



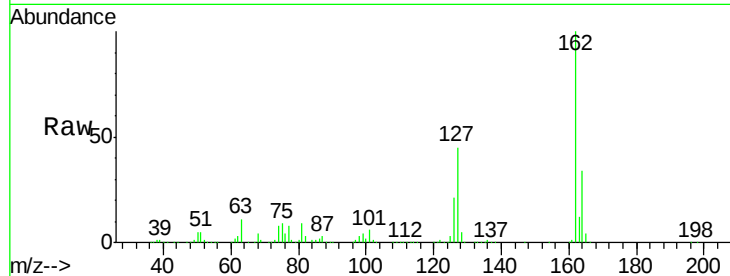


#46
2-Chloronaphthalene
Concen: 73.15 ng
RT: 9.45 min Scan# 622
Delta R.T. 0.00 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

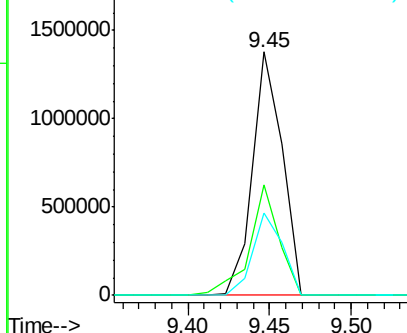
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion: 162 Resp: 1742499
Ion Ratio Lower Upper
162 100
127 45.4 35.6 53.4
164 34.0 27.5 41.3

Manual Integrations
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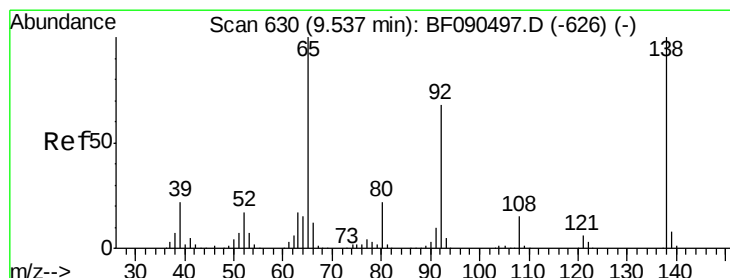
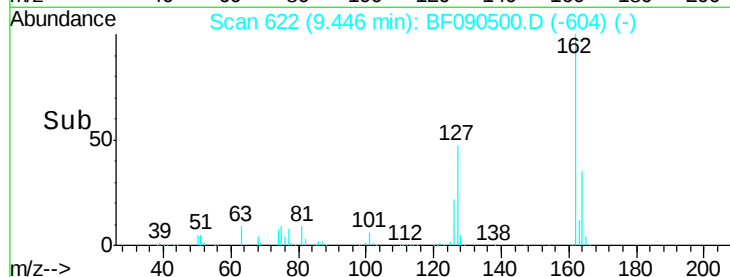


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



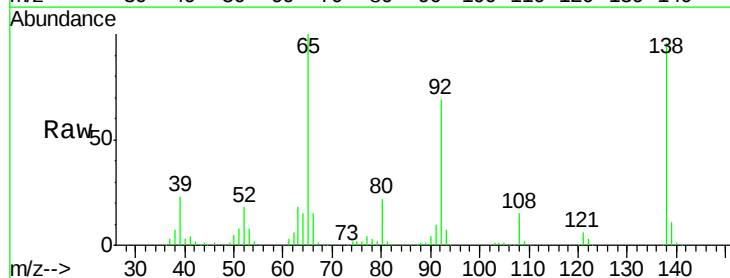
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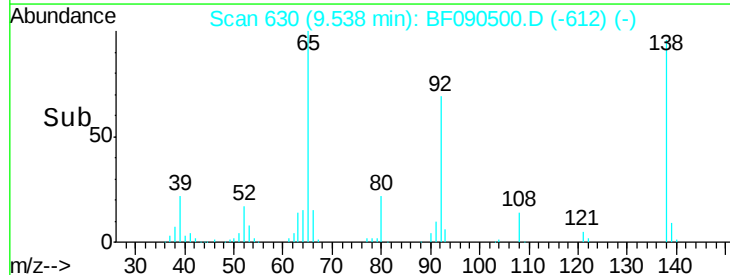
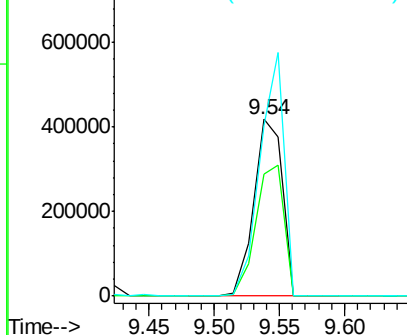


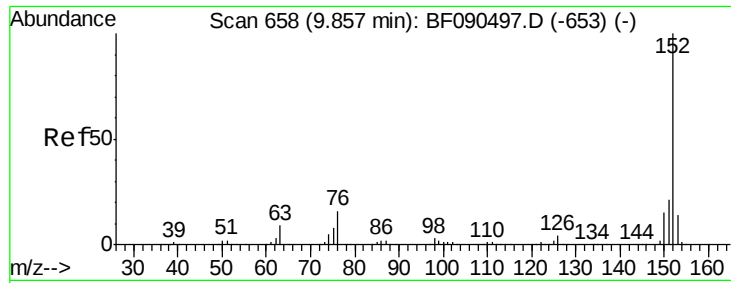
#47
2-Nitroaniline
Concen: 67.59 ng
RT: 9.54 min Scan# 630
Delta R.T. 0.00 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

Tgt Ion: 65 Resp: 635191
Ion Ratio Lower Upper
65 100
92 69.1 51.7 77.5
138 96.4 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



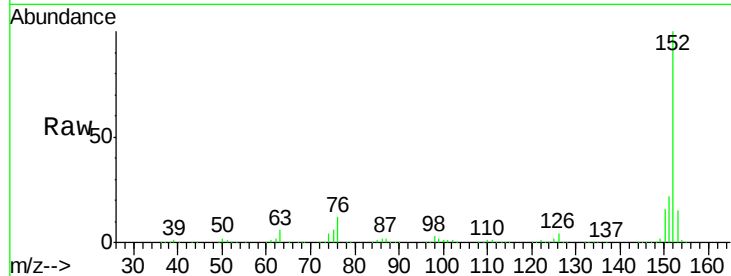


#48
Acenaphthylene
Concen: 71.30 ng
RT: 9.87 min Scan# 659
Delta R.T. 0.01 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

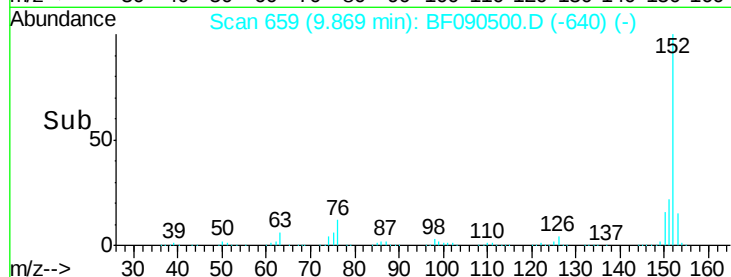
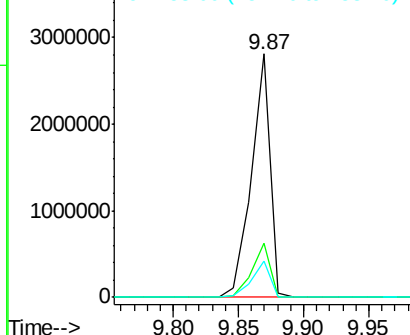
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion:152 Resp: 2802129
Ion Ratio Lower Upper
152 100
151 22.3 17.4 26.0
153 14.9 11.6 17.4

Manual Integrations
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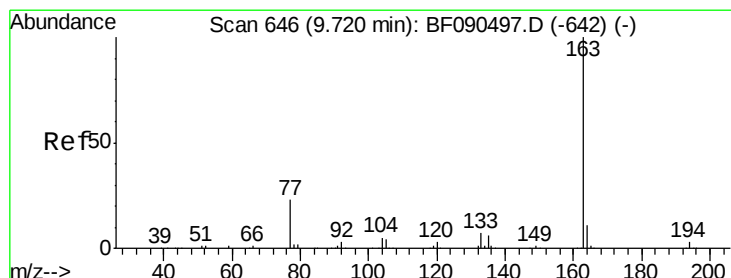


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



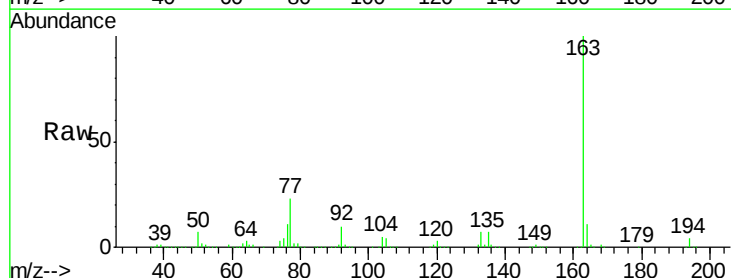
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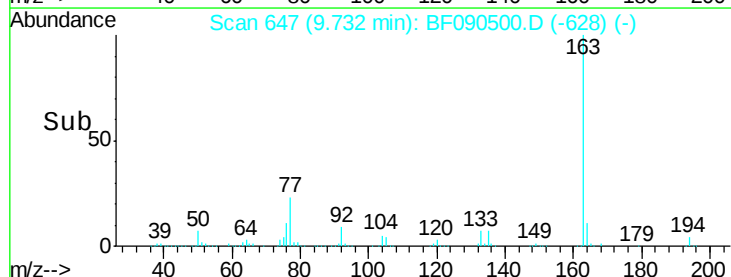
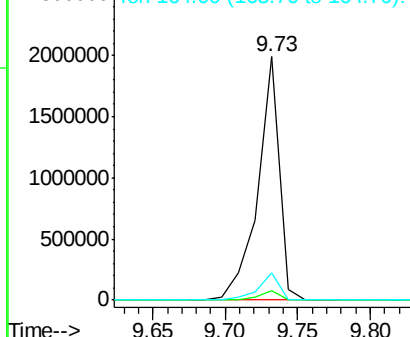


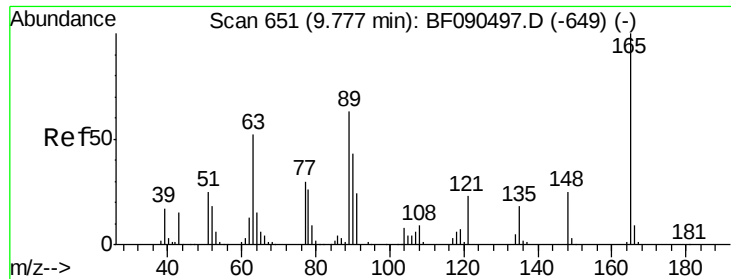
#49
Dimethylphthalate
Concen: 73.17 ng
RT: 9.73 min Scan# 647
Delta R.T. 0.01 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

Tgt Ion:163 Resp: 2038706
Ion Ratio Lower Upper
163 100
194 3.8 2.8 4.2
164 11.2 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



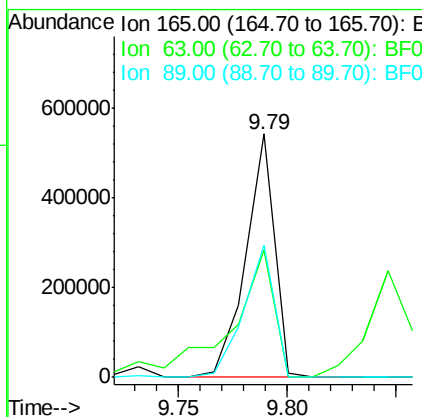
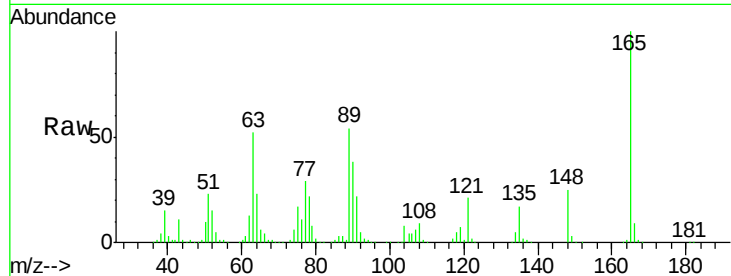


#50
2,6-Dinitrotoluene
Concen: 80.47 ng
RT: 9.79 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

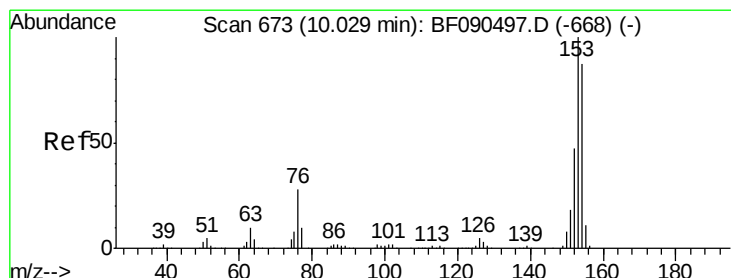
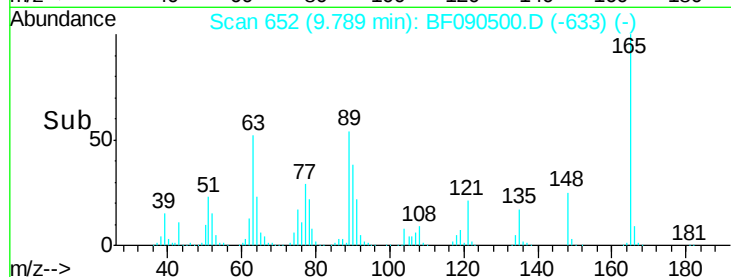
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	497756		
63	52.0	58.0	87.0#	
89	54.1	51.2	76.8	

Manual Integrations
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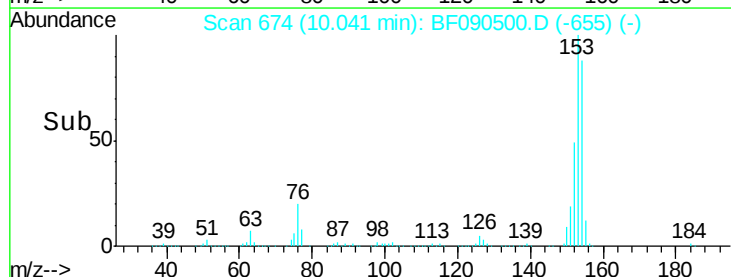
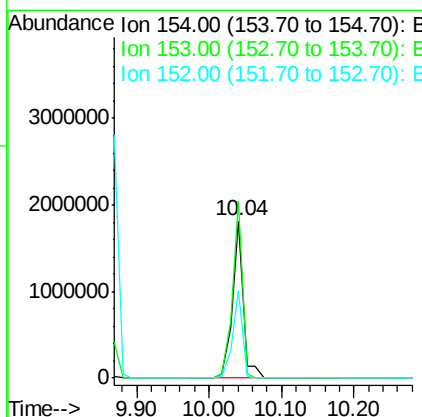
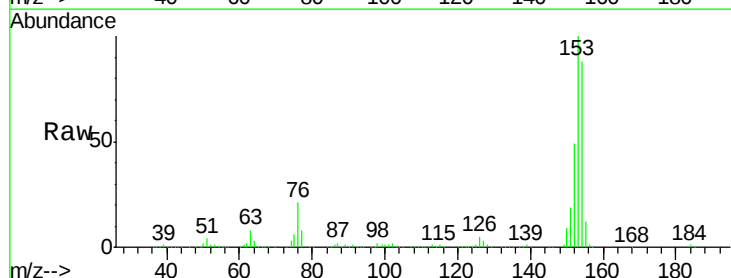
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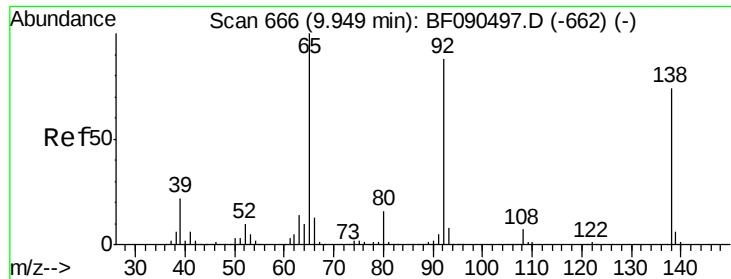
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#51
Acenaphthene
Concen: 76.38 ng
RT: 10.04 min Scan# 674
Delta R.T. 0.01 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1871779		
153	113.4	88.6	133.0	
152	56.1	42.6	64.0	





#52

3-Nitroaniline

Concen: 82.73 ng

RT: 9.96 min Scan# 667

Delta R.T. 0.01 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

Instrument :

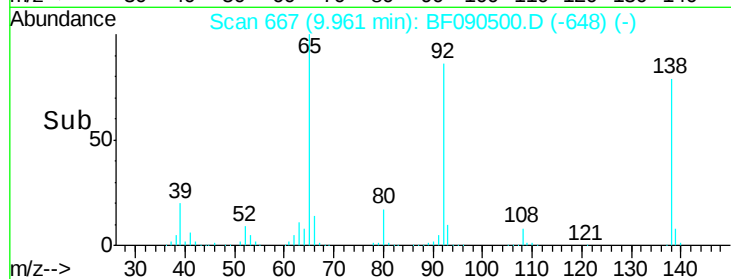
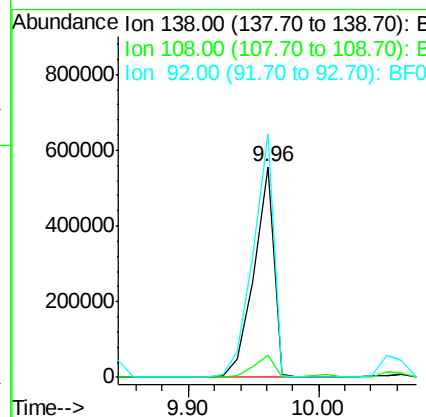
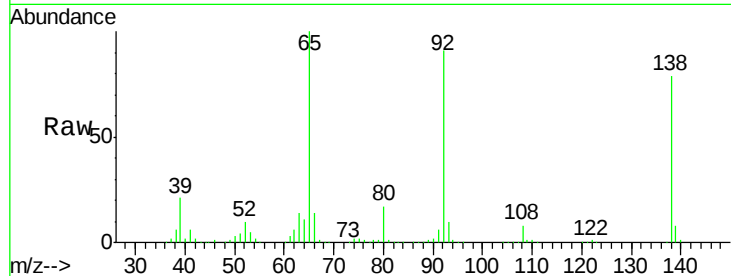
BNA_F

ClientSampleId :

SSTDIC080

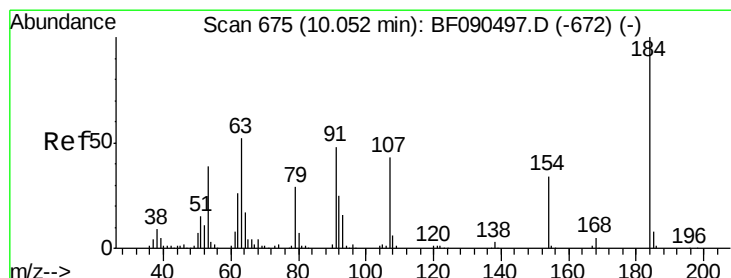
Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.3	9.7	14.5
92	115.4	97.1	145.7

Manual Integrations
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#53

2,4-Dinitrophenol

Concen: 117.53 ng

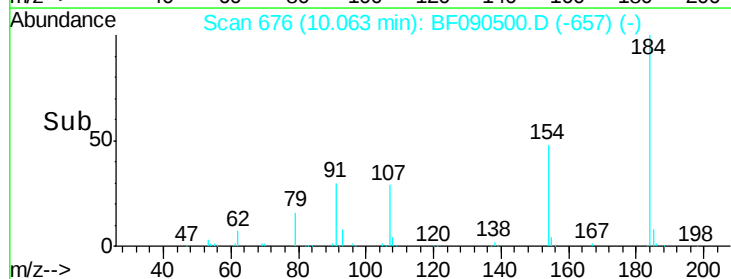
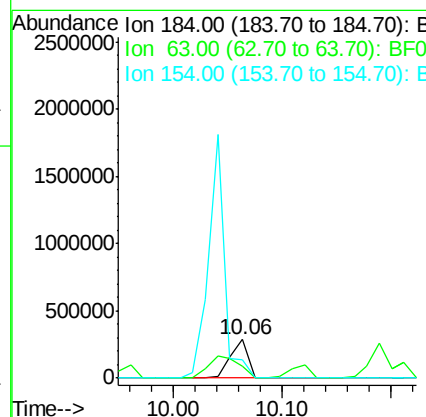
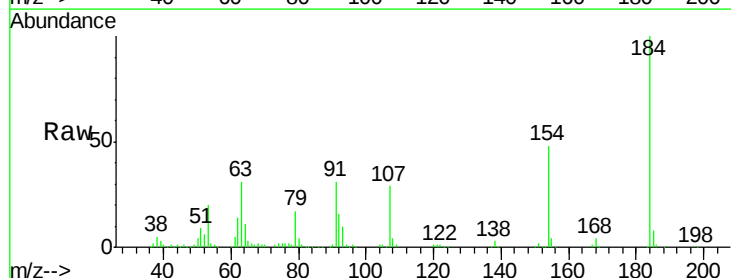
RT: 10.06 min Scan# 676

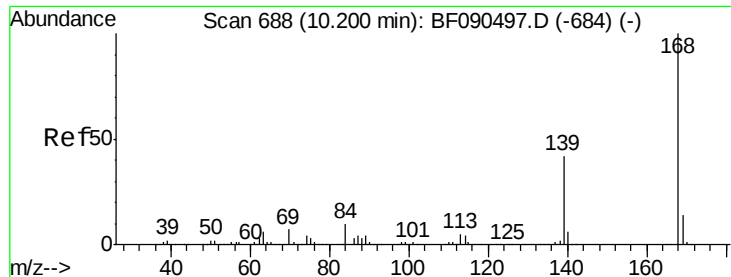
Delta R.T. 0.01 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

Tgt Ion	Ratio	Lower	Upper
184	100		
63	30.7	41.9	62.9#
154	48.0	48.9	73.3#





#54

Dibenzenofuran

Concen: 78.71 ng

RT: 10.21 min Scan# 689

Delta R.T. 0.01 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tgt Ion:168 Resp: 2496631

Ion Ratio Lower Upper

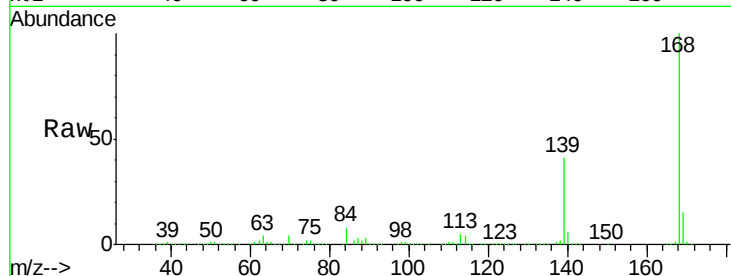
168 100

139 40.6 29.6 44.4

169 14.8 11.3 16.9

Manual Integrations

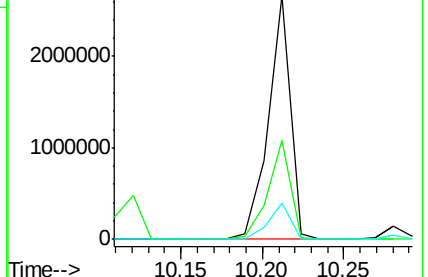
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Abundance Ion 168.00 (167.70 to 168.70): E

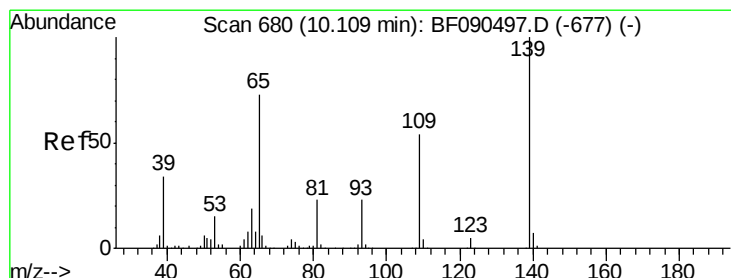
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



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#55

4-Nitrophenol

Concen: 84.94 ng

RT: 10.12 min Scan# 681

Delta R.T. 0.01 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

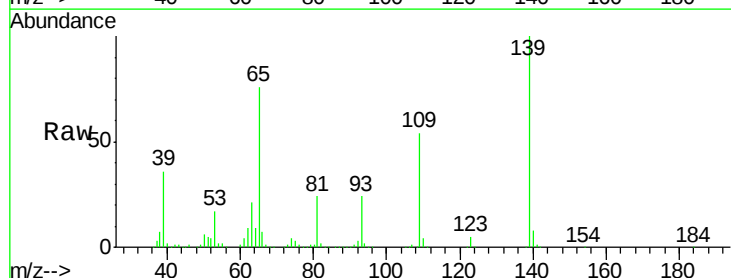
Tgt Ion:139 Resp: 537037

Ion Ratio Lower Upper

139 100

109 54.0 43.6 83.6

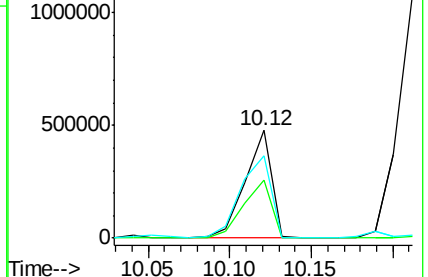
65 76.2 87.5 127.5#

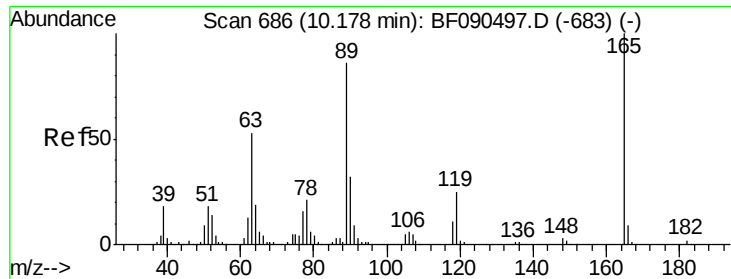


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



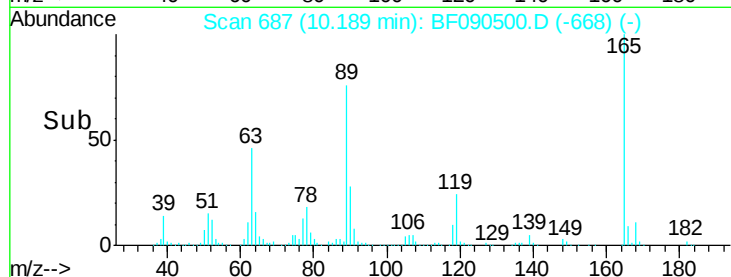
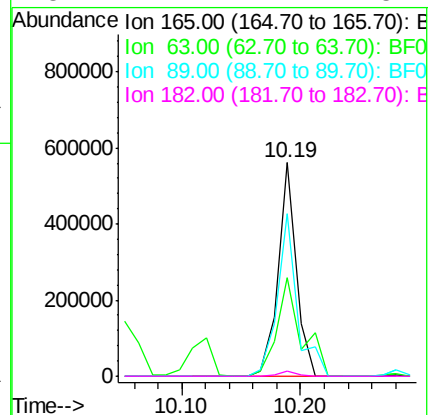
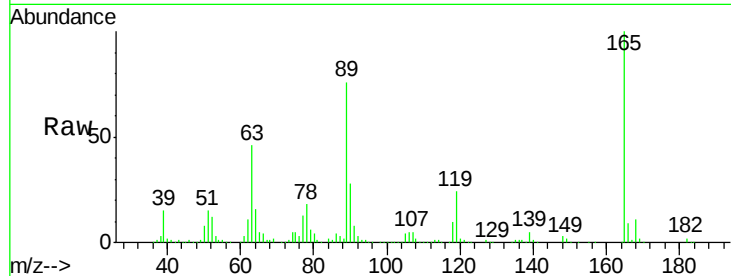


#56
2,4-Dinitrotoluene
Concen: 72.50 ng
RT: 10.19 min Scan# 687
Delta R.T. 0.01 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

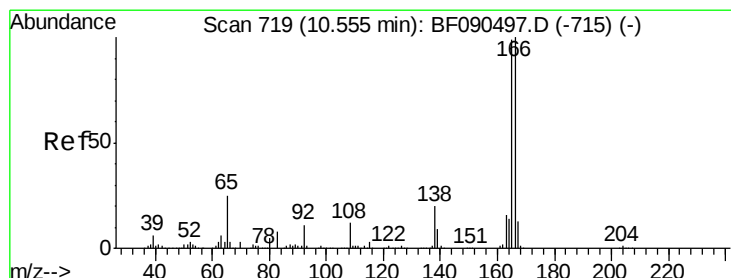
Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	46.0	17.8	26.6#
89	76.2	33.2	49.8#
182	2.2	2.1	3.1

Manual Integrations
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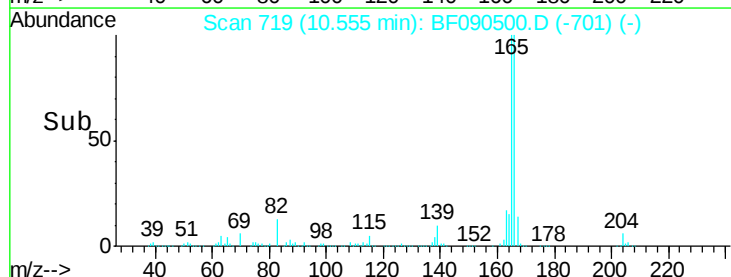
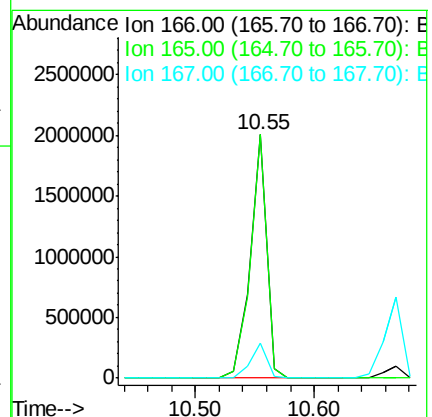
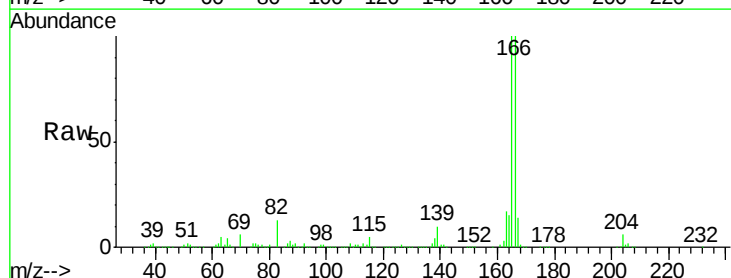
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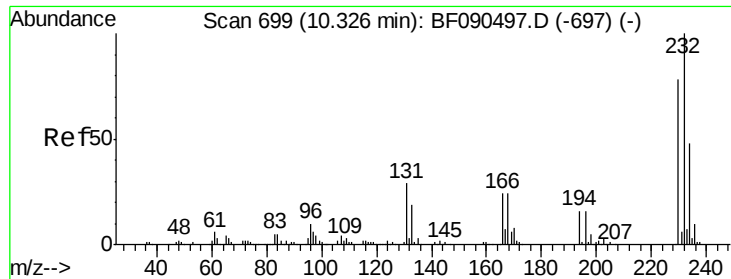
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#57
Fluorene
Concen: 72.98 ng
RT: 10.55 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	99.9	79.2	118.8
167	14.4	11.1	16.7



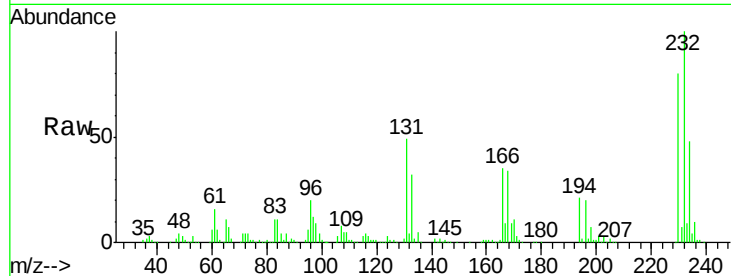


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 93.42 ng
 RT: 10.33 min Scan# 699
 Delta R.T. 0.00 min
 Lab File: BF090500.D
 Acq: 11 Oct 2016 13:41

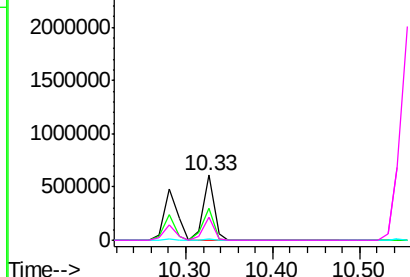
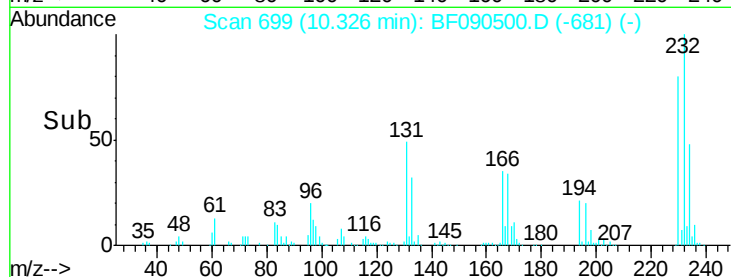
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion	Ratio	Lower	Upper
232	100		
131	49.9	34.5	51.7
130	2.3	1.6	2.4
166	34.5	23.8	35.8

Manual Integrations
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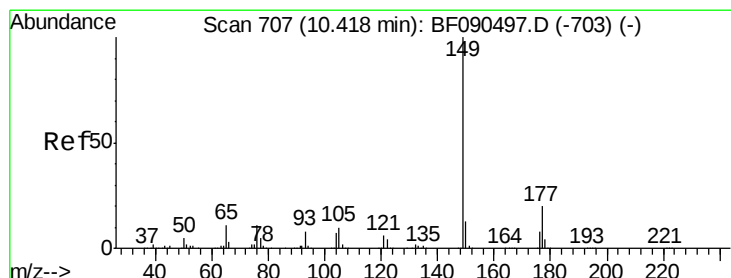


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E



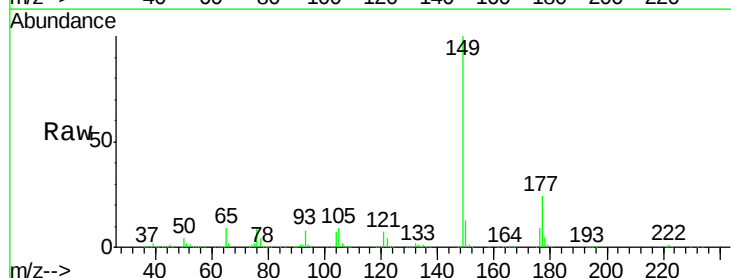
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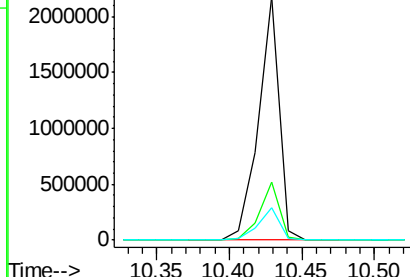
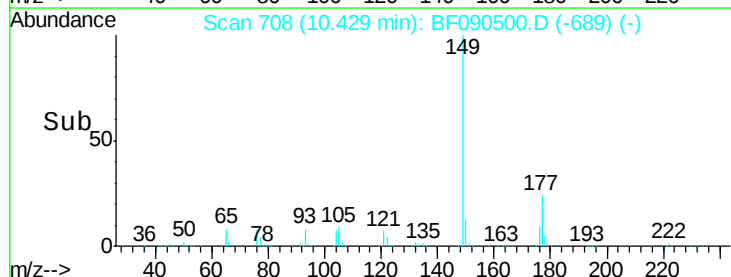


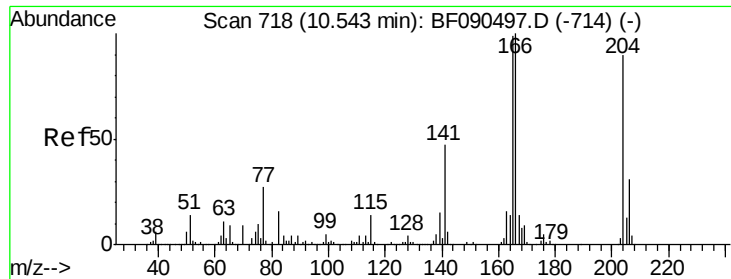
#59
 Diethylphthalate
 Concen: 74.69 ng
 RT: 10.43 min Scan# 708
 Delta R.T. 0.01 min
 Lab File: BF090500.D
 Acq: 11 Oct 2016 13:41

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.6	21.1	31.7
150	13.3	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



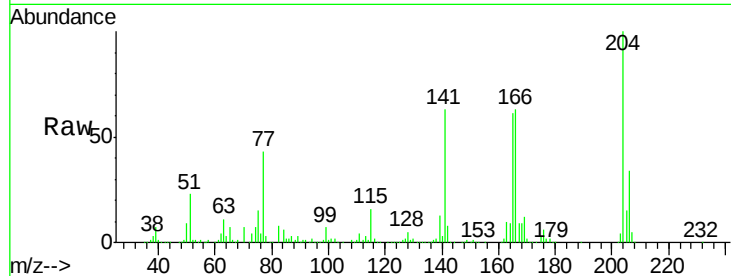


#60
 4-Chlorophenyl-phenylether
 Concen: 74.64 ng
 RT: 10.54 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: BF090500.D
 Acq: 11 Oct 2016 13:41

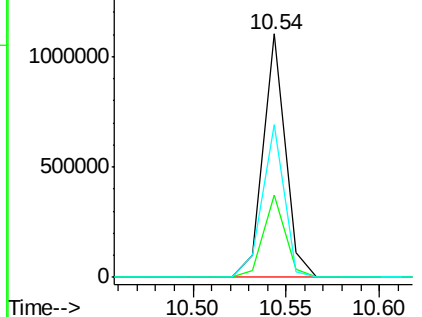
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.7	40.1
141	62.8	51.7	77.5

Manual Integrations
 APPROVED

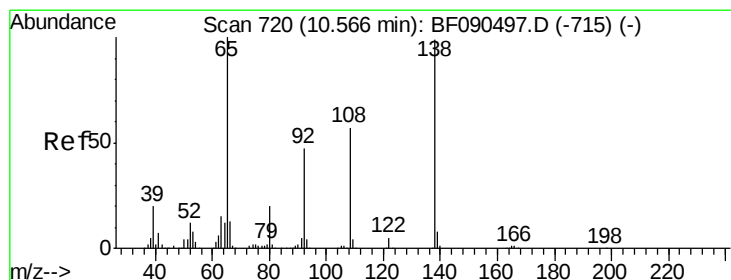
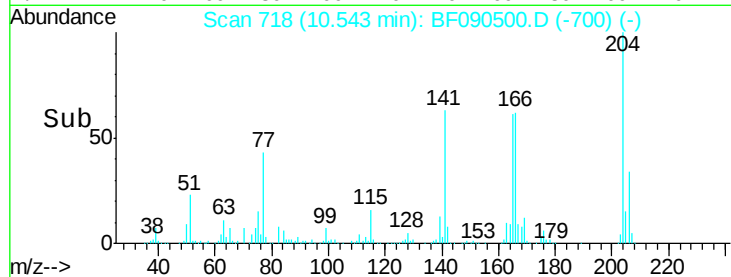


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E



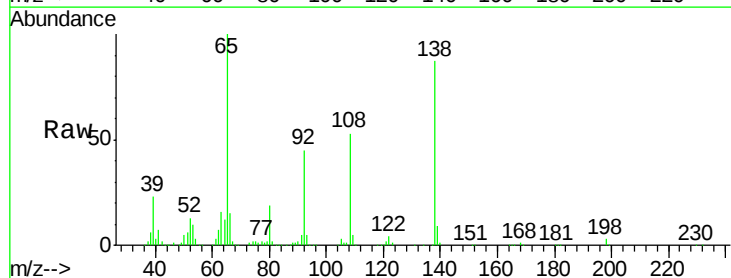
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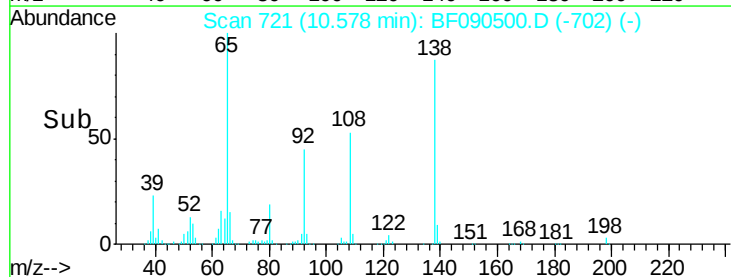
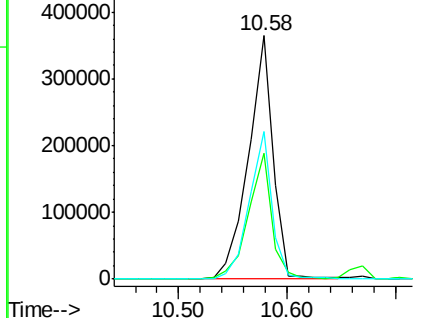


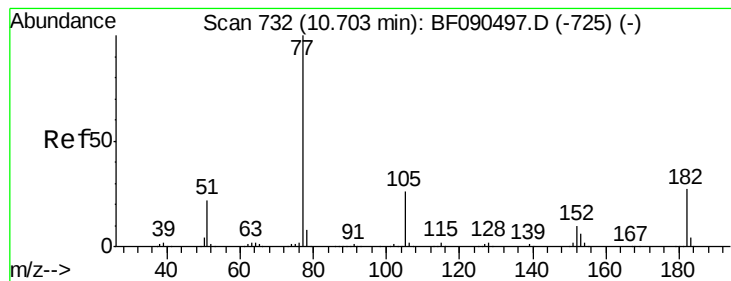
#61
 4-Nitroaniline
 Concen: 79.51 ng
 RT: 10.58 min Scan# 721
 Delta R.T. 0.01 min
 Lab File: BF090500.D
 Acq: 11 Oct 2016 13:41

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.7	33.2	73.2
108	60.8	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

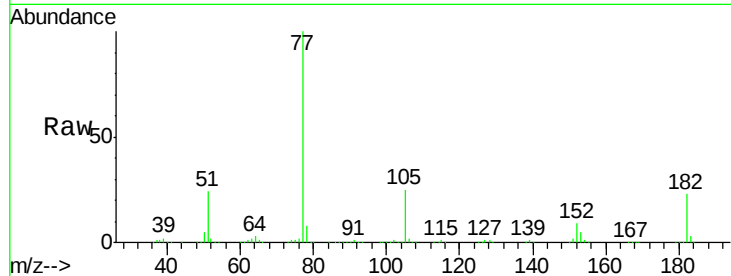
Concen: 61.89 ng

RT: 10.70 min Scan# 732

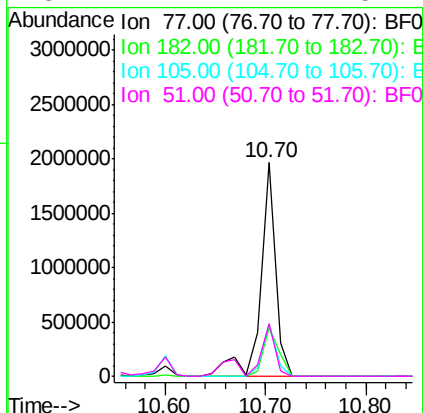
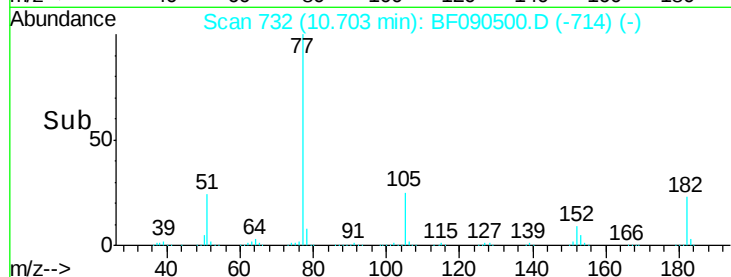
Delta R.T. 0.00 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41



Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.8	3.2	43.2
105	24.9	2.9	42.9
51	24.4	14.2	54.2



Instrument :

BNA_F

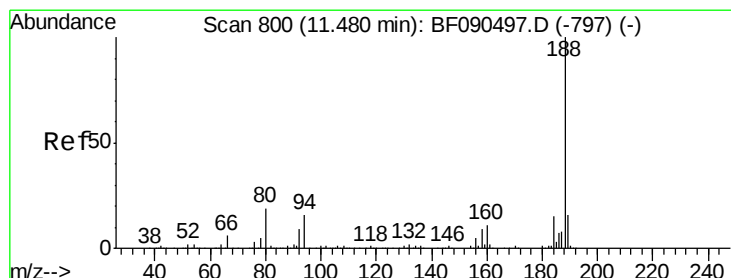
ClientSampleId :

SSTDIC080

Manual Integrations
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#63

Phenanthrene-d10

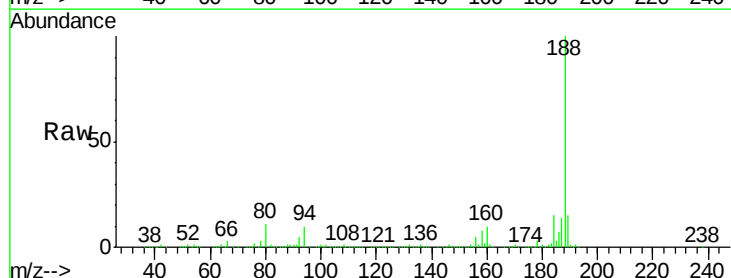
Concen: 20.00 ng

RT: 11.49 min Scan# 801

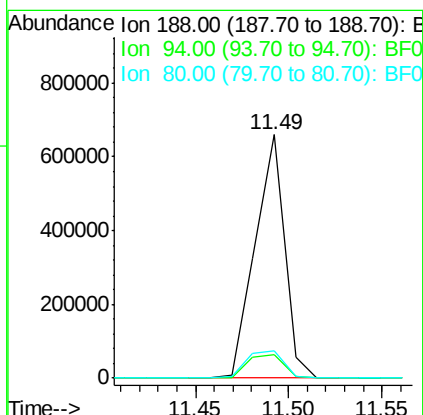
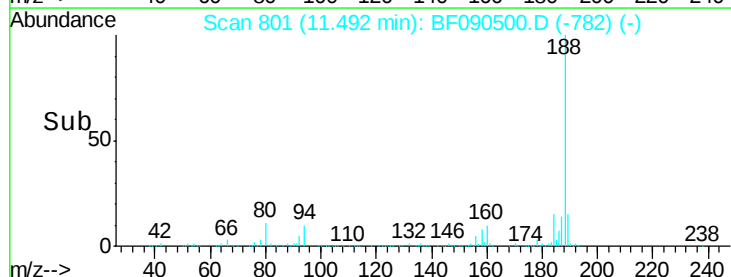
Delta R.T. 0.01 min

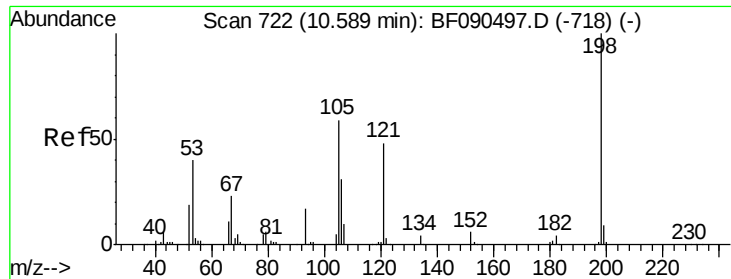
Lab File: BF090500.D

Acq: 11 Oct 2016 13:41



Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.2	12.2
80	11.0	8.8	13.2



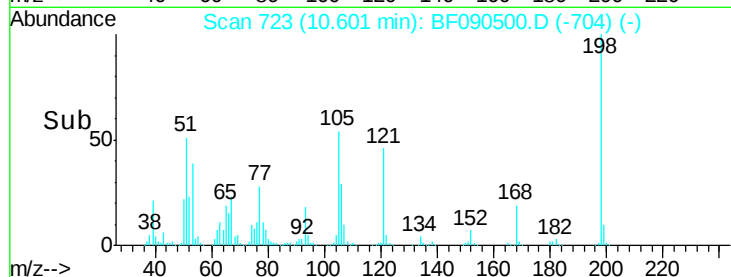
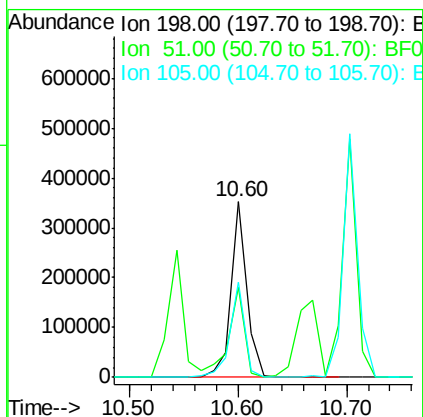
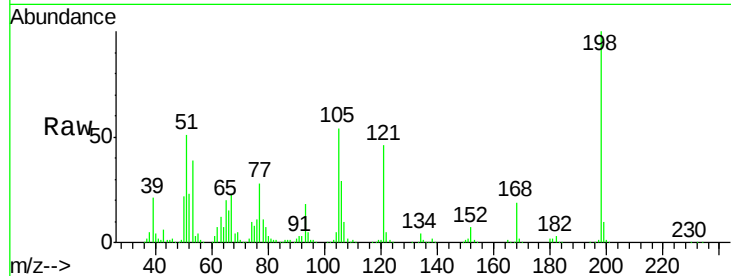


#64
4,6-Dinitro-2-methylphenol
Concen: 79.94 ng
RT: 10.60 min Scan# 723
Delta R.T. 0.01 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

Instrument :
BNA_F
ClientSampled :
SSTDIC080

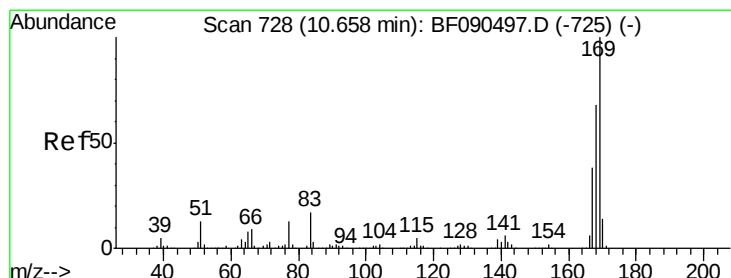
Tgt Ion:198 Resp: 349855
Ion Ratio Lower Upper
198 100
51 51.0 67.3 107.3#
105 54.2 42.6 82.6

Manual Integrations
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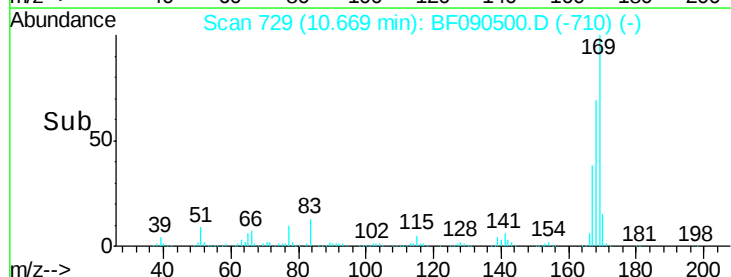
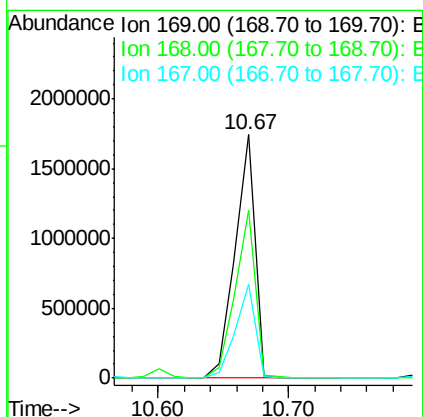
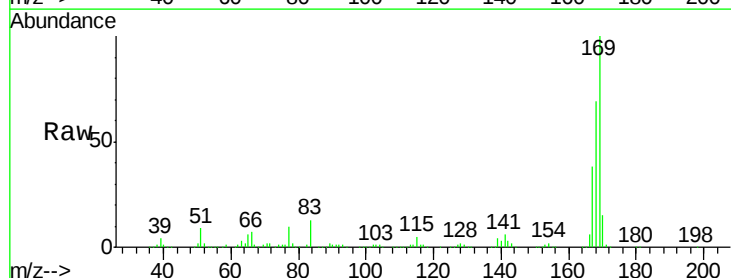
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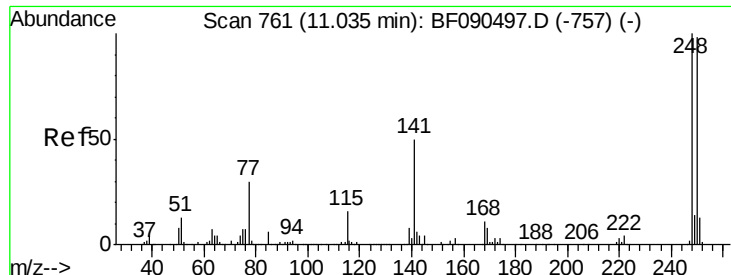
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#65
n-Nitrosodiphenylamine
Concen: 76.03 ng
RT: 10.67 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

Tgt Ion:169 Resp: 1837360
Ion Ratio Lower Upper
169 100
168 69.1 53.8 80.6
167 38.4 29.8 44.8



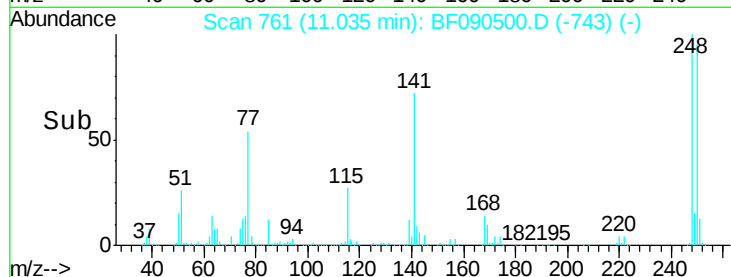
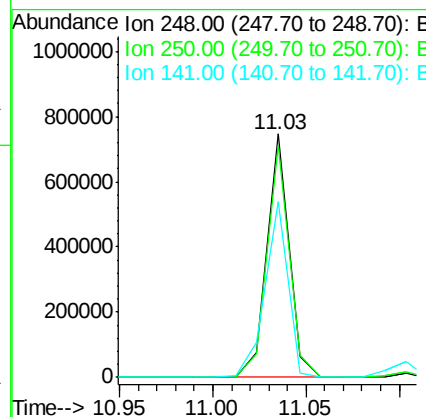
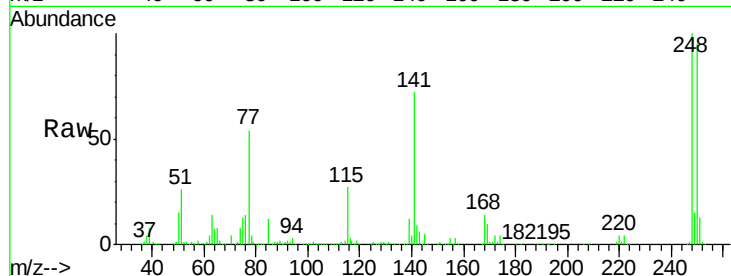


#66
 4-Bromophenyl-phenylether
 Concen: 86.41 ng
 RT: 11.03 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BF090500.D
 Acq: 11 Oct 2016 13:41

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC080

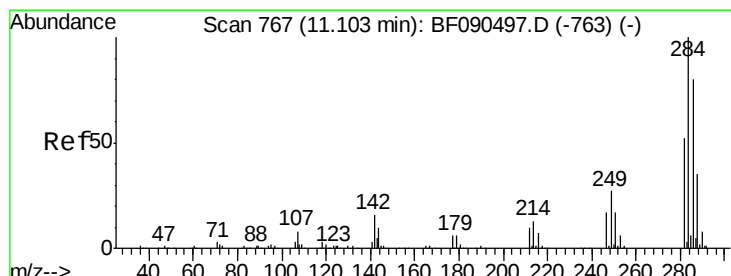
Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.1	76.5	114.7
141	72.0	59.8	89.6

Manual Integrations
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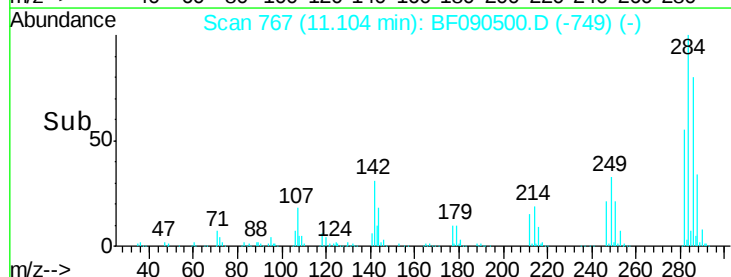
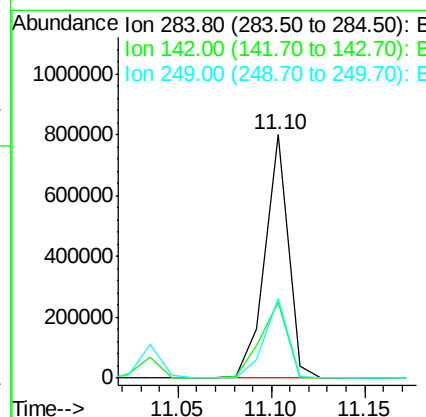
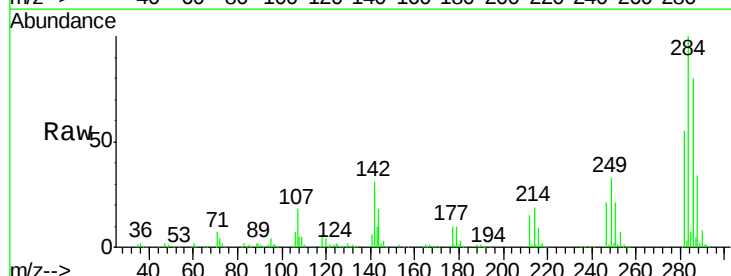
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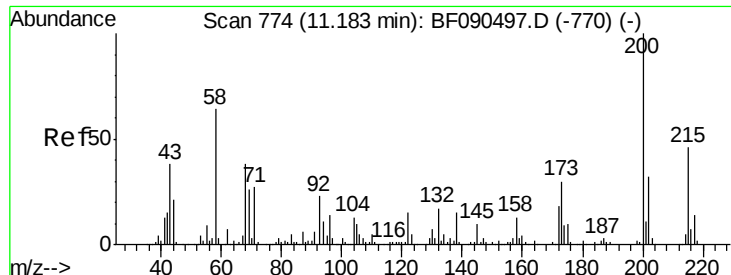
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#67
 Hexachlorobenzene
 Concen: 87.22 ng
 RT: 11.10 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BF090500.D
 Acq: 11 Oct 2016 13:41

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.0	23.1	34.7
249	33.0	26.3	39.5



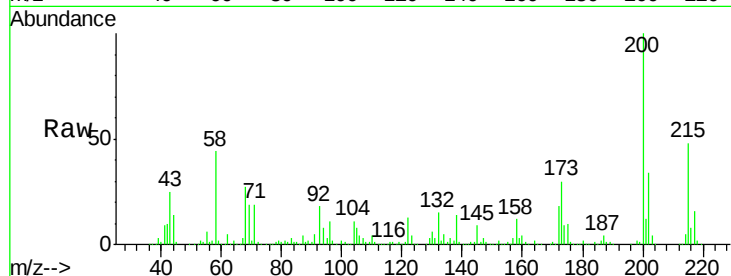


#68
Atrazine
Concen: 94.93 ng
RT: 11.19 min Scan# 775
Delta R.T. 0.01 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

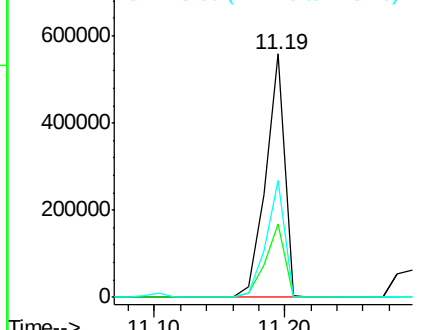
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	30.2	9.0	49.0
215	48.1	24.8	64.8

Manual Integrations
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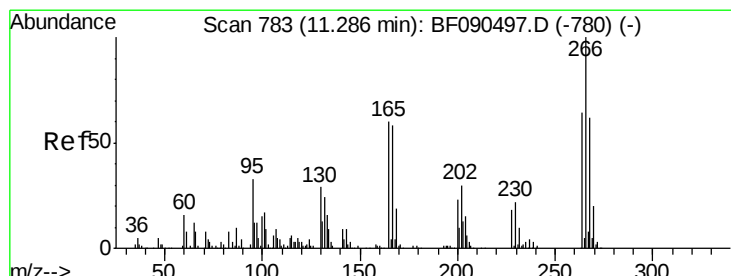
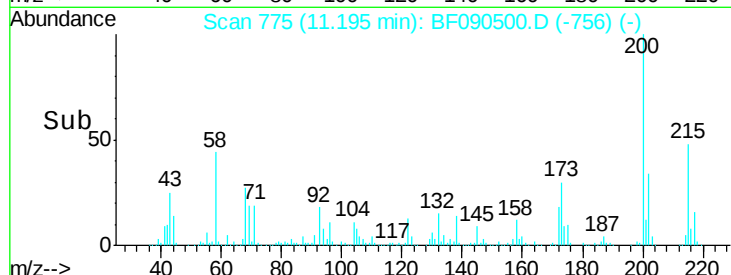


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



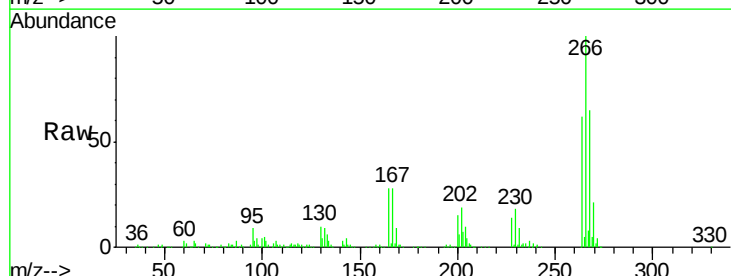
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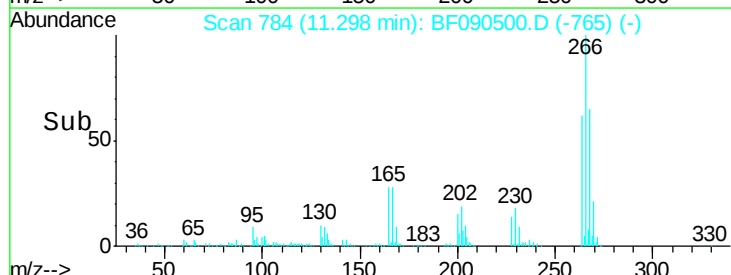
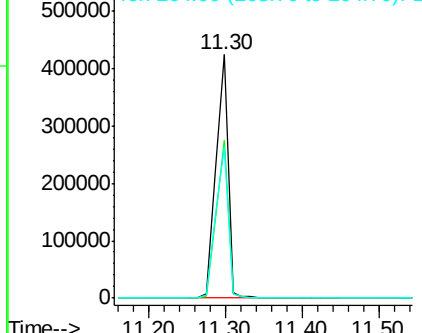


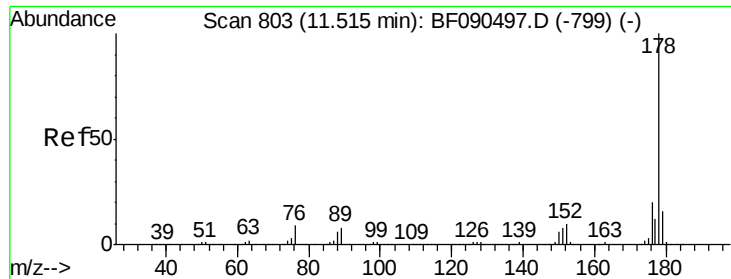
#69
Pentachlorophenol
Concen: 98.79 ng
RT: 11.30 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.8	50.9	76.3
264	62.2	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



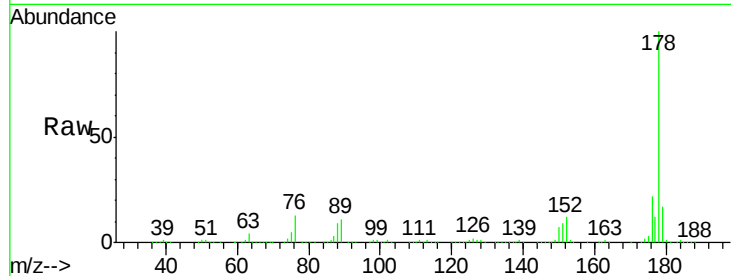


#70
Phenanthrene
Concen: 67.91 ng
RT: 11.52 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

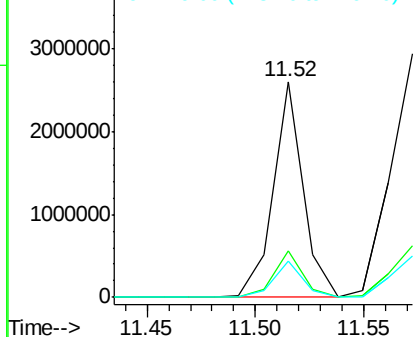
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion:178 Resp: 2507689
Ion Ratio Lower Upper
178 100
176 21.5 17.3 25.9
179 17.0 13.8 20.6

Manual Integrations
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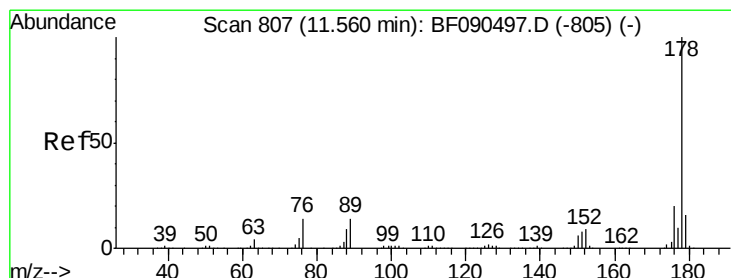
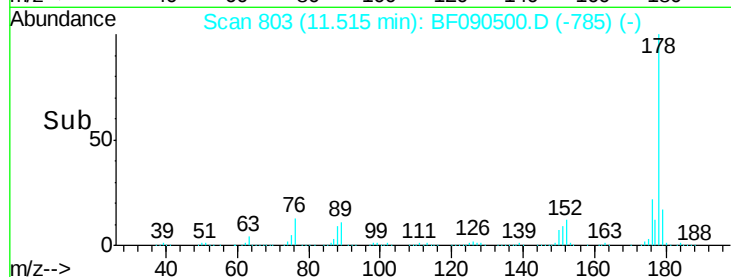


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



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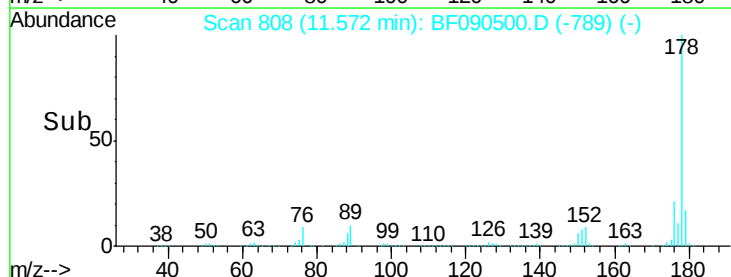
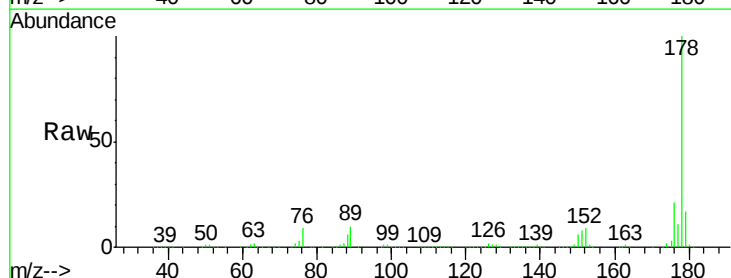
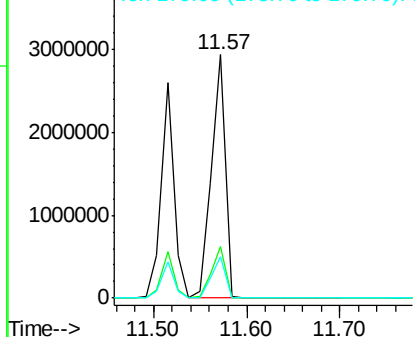
10/12/2016 4:08:07 PM

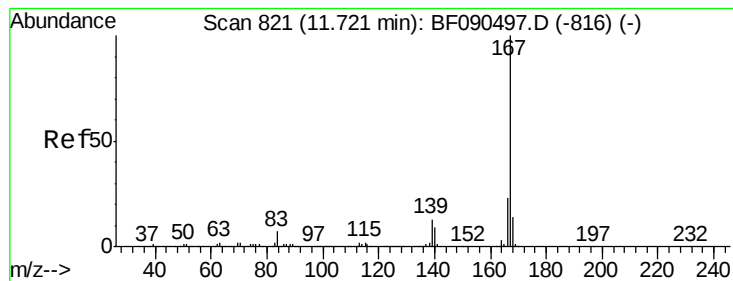


#71
Anthracene
Concen: 80.59 ng
RT: 11.57 min Scan# 808
Delta R.T. 0.01 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

Tgt Ion:178 Resp: 3039012
Ion Ratio Lower Upper
178 100
176 21.4 16.8 25.2
179 17.2 13.4 20.2

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 68.19 ng

RT: 11.72 min Scan# 821

Delta R.T. 0.00 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tgt Ion:167 Resp: 2388994

Ion Ratio Lower Upper

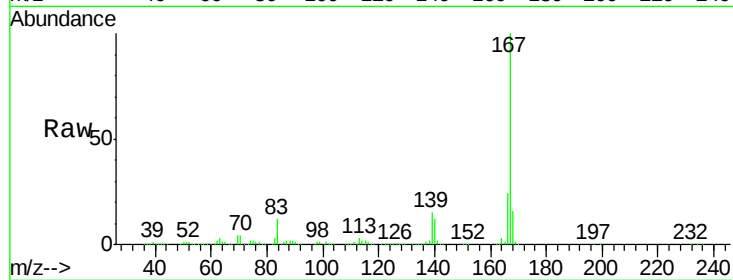
167 100

166 24.0 19.1 28.7

139 15.5 12.1 18.1

Manual Integrations

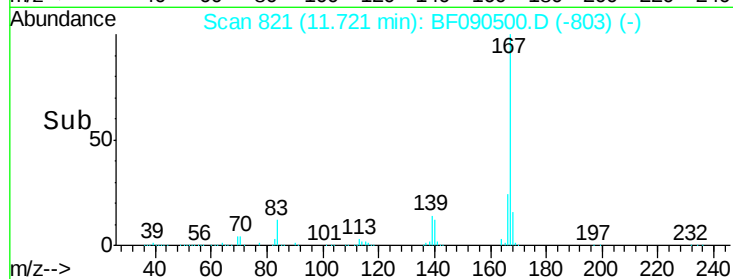
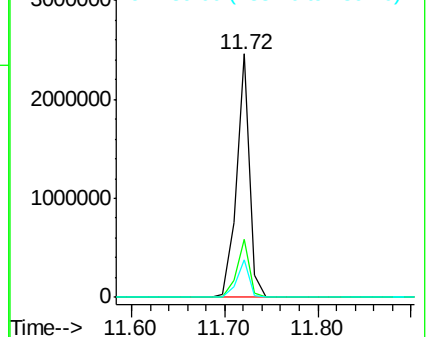
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Abundance Ion 167.00 (166.70 to 167.70): E

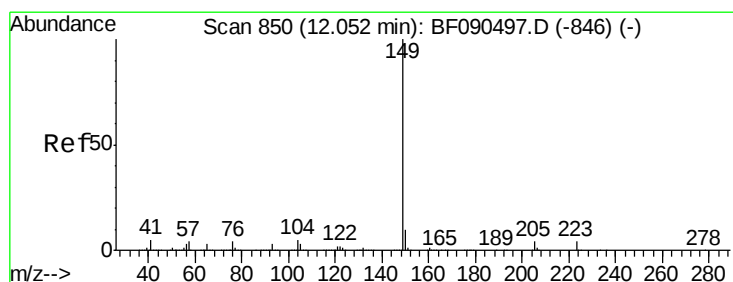
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



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#73

Di-n-butylphthalate

Concen: 70.69 ng

RT: 12.05 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

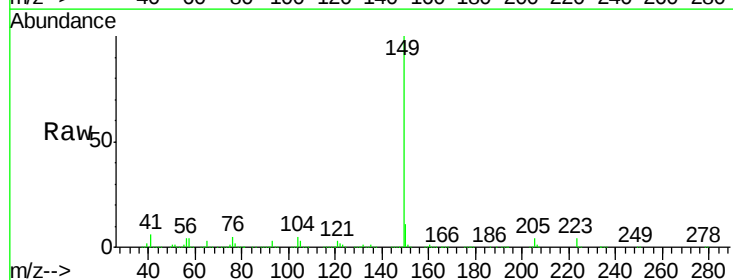
Tgt Ion:149 Resp: 3014289

Ion Ratio Lower Upper

149 100

150 10.9 8.6 12.8

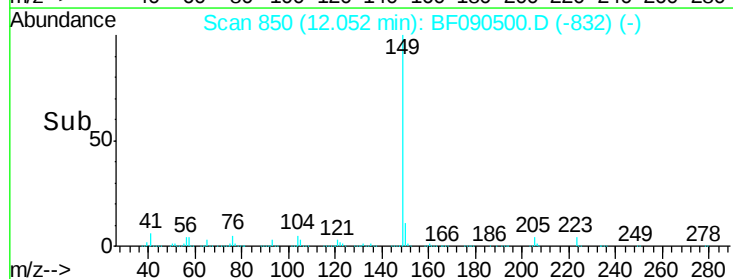
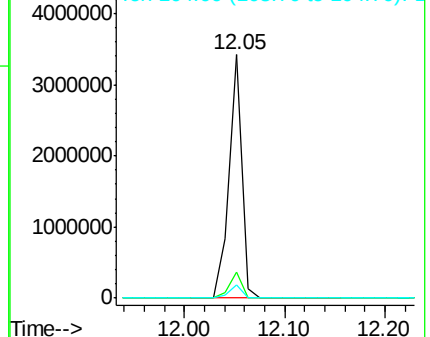
104 5.3 4.7 7.1

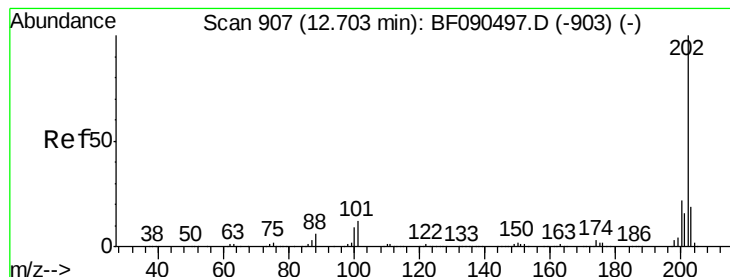


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 73.38 ng

RT: 12.70 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

Instrument :

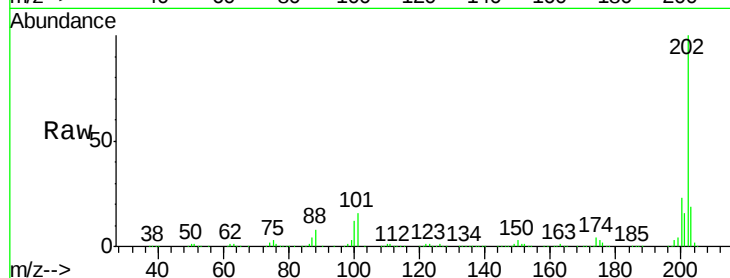
BNA_F

ClientSampleId :

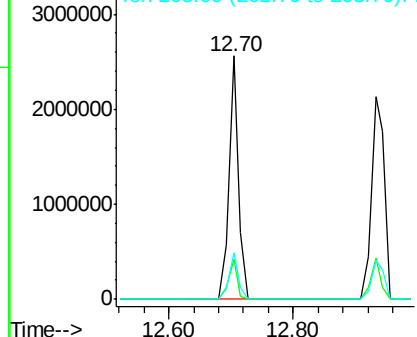
SSTDIC080

Tgt	Ion	Ratio	Lower	Upper
202	100			
101	16.2	0.0	37.2	
203	19.3	0.0	39.3	

Manual Integrations
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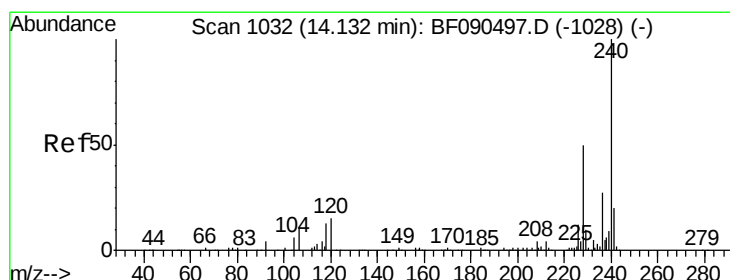
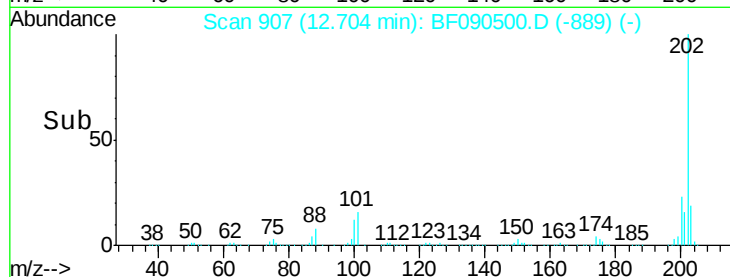


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



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#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.13 min Scan# 1032

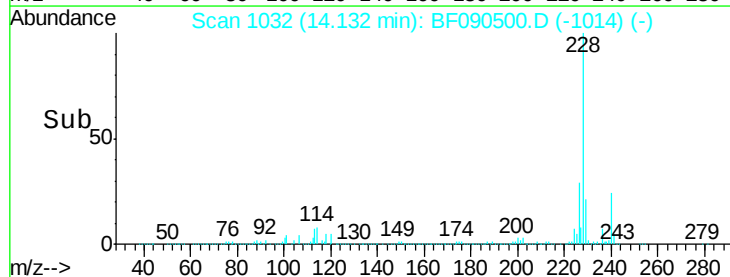
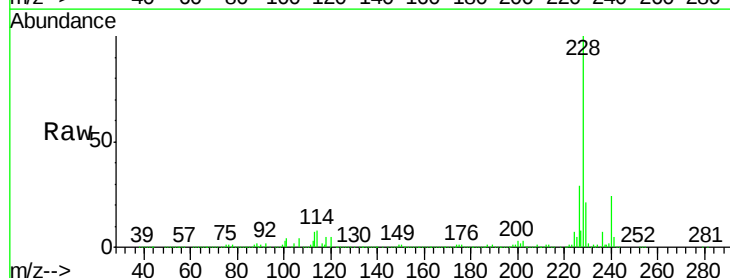
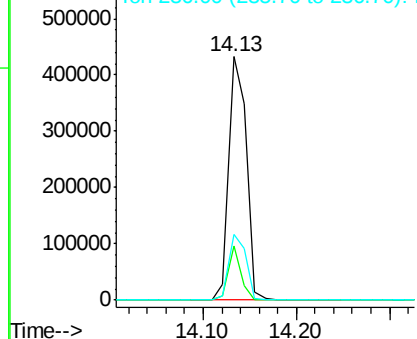
Delta R.T. 0.00 min

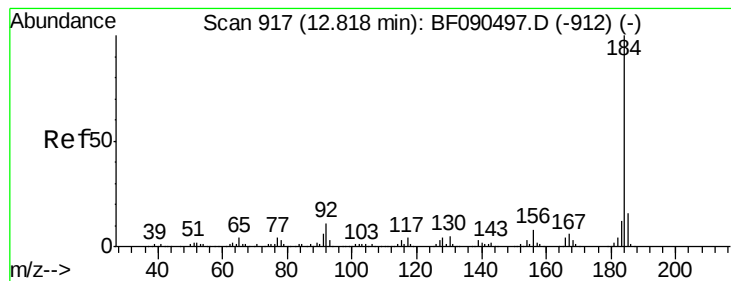
Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

Tgt	Ion	Ratio	Lower	Upper
240	100			
120	22.1	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



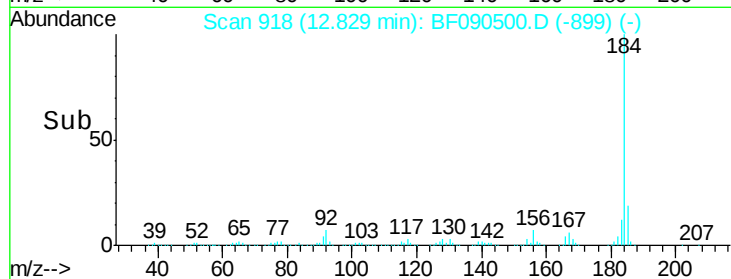
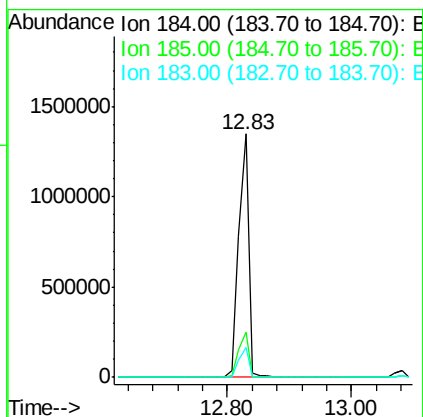
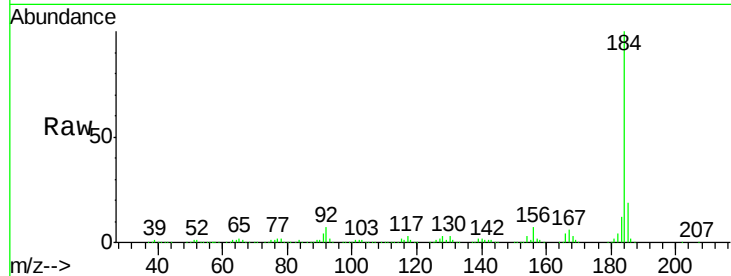


#76
Benzidine
Concen: 102.12 ng
RT: 12.83 min Scan# 918
Delta R.T. 0.01 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

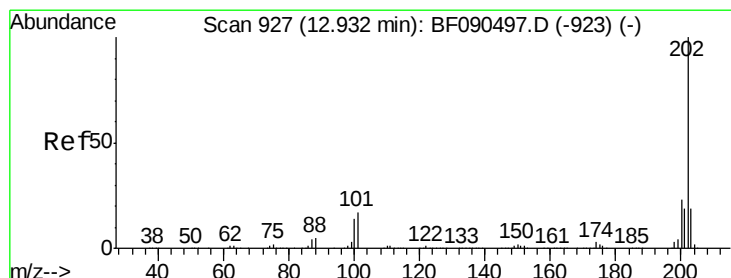
Tgt Ion:184 Resp: 1530332
Ion Ratio Lower Upper
184 100
185 18.6 11.8 17.8#
183 12.0 9.6 14.4

Manual Integrations
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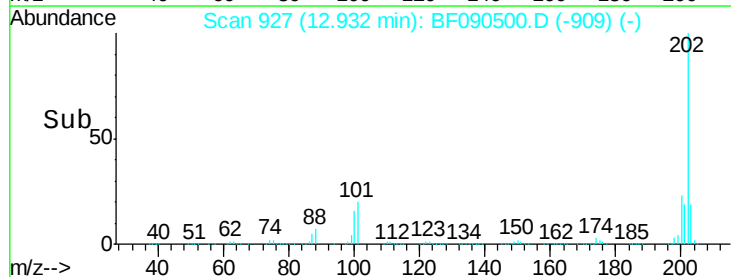
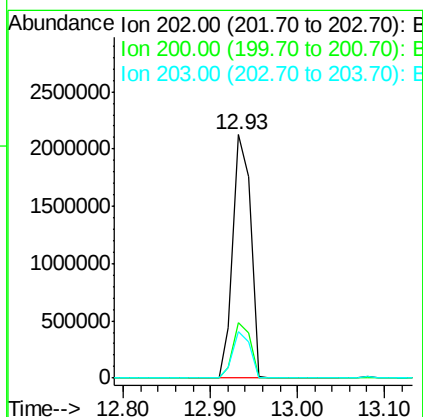
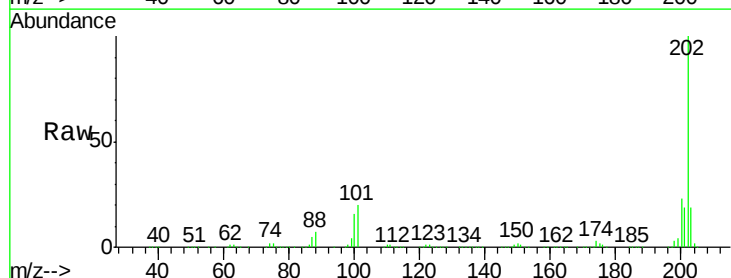
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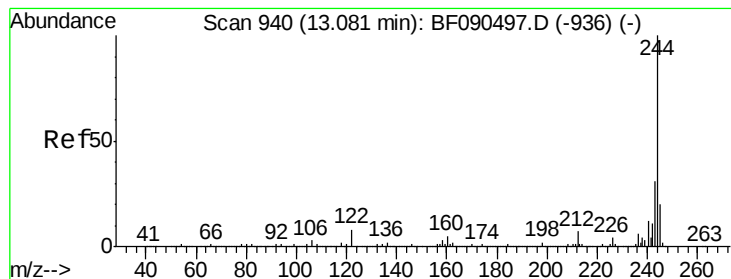
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#77
Pyrene
Concen: 78.66 ng
RT: 12.93 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

Tgt Ion:202 Resp: 2989200
Ion Ratio Lower Upper
202 100
200 23.0 18.5 27.7
203 19.2 15.0 22.6





#78

Terphenyl-d14

Concen: 129.08 ng

RT: 13.08 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

Instrument :

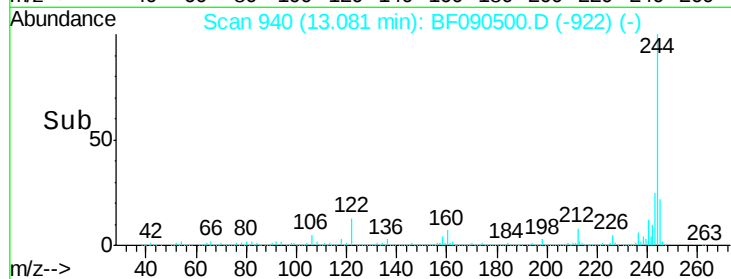
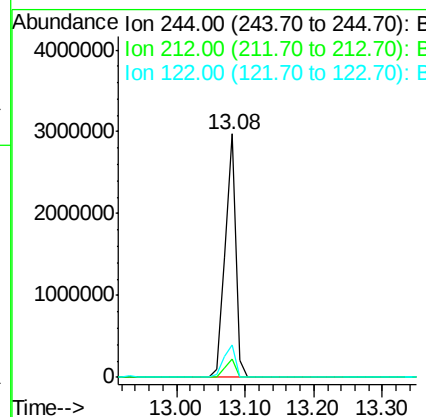
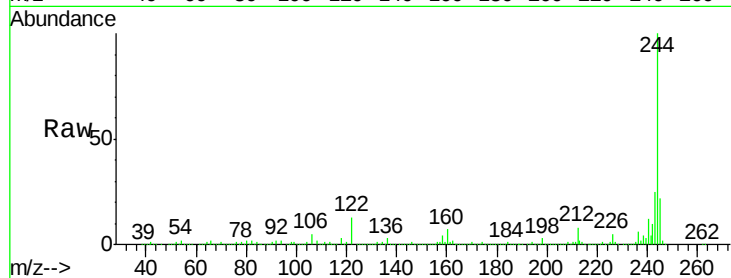
BNA_F

ClientSampleId :

SSTDIC080

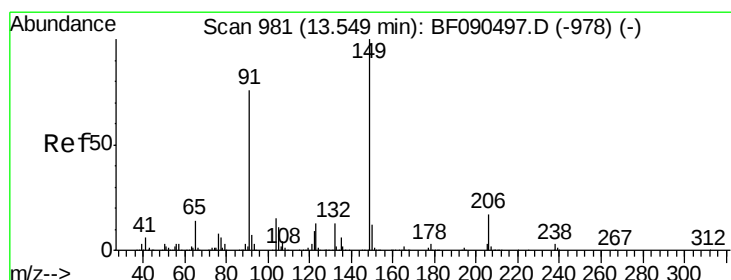
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.8	10.2
122	13.2	13.3	19.9

Manual Integrations
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#79

Butylbenzylphthalate

Concen: 68.03 ng

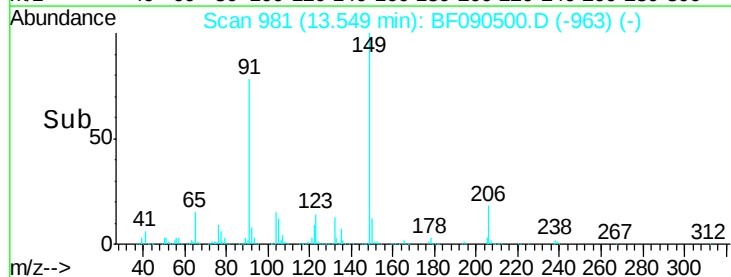
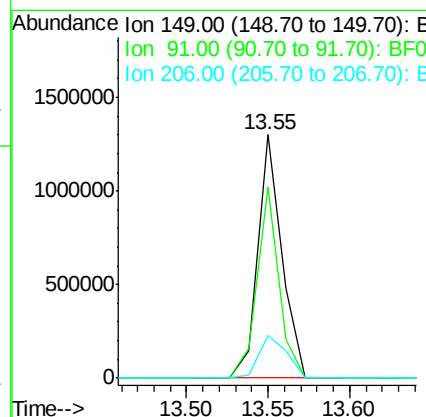
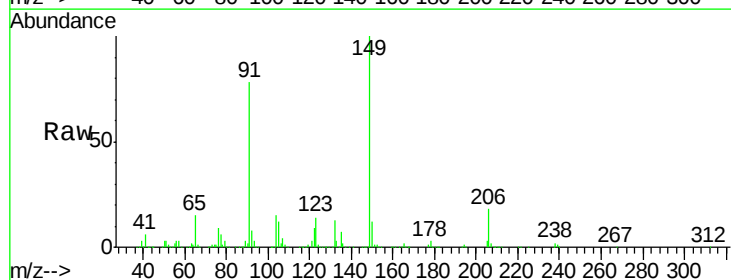
RT: 13.55 min Scan# 981

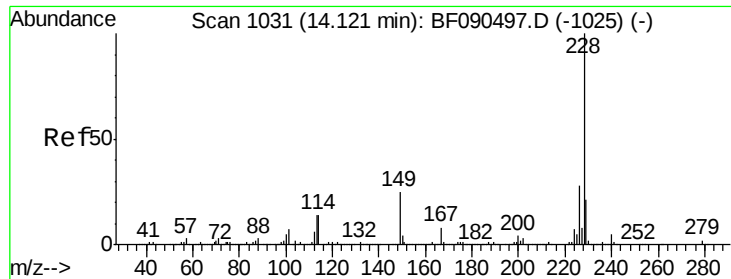
Delta R.T. 0.00 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

Tgt Ion	Ratio	Lower	Upper
149	100		
91	78.4	51.8	77.8
206	17.8	18.0	27.0



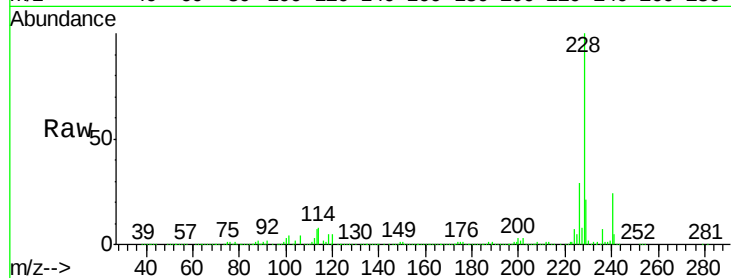


#80
Benzo(a)anthracene
Concen: 85.95 ng
RT: 14.13 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

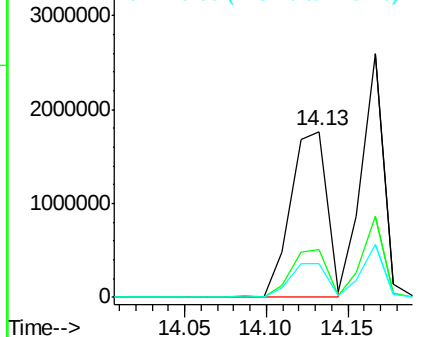
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.6	35.4
229	20.6	16.6	25.0

Manual Integrations
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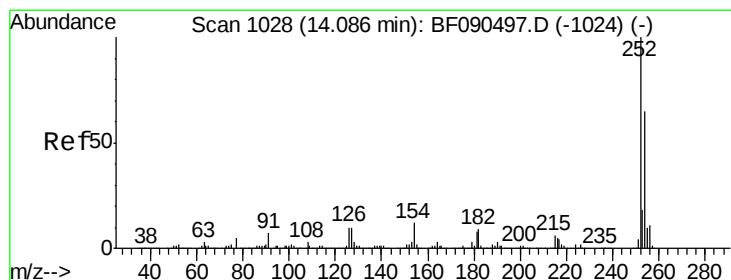
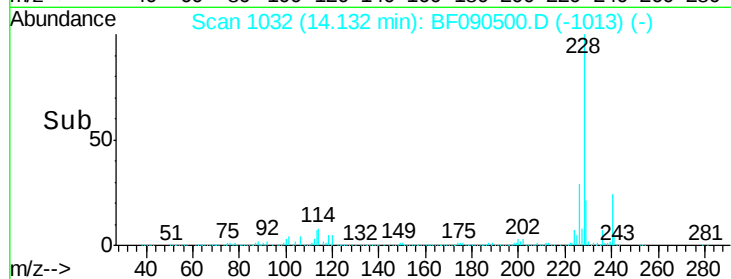


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



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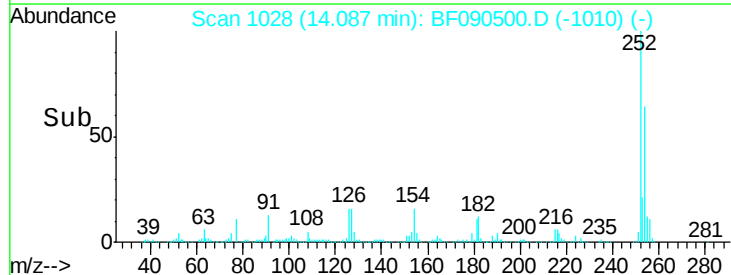
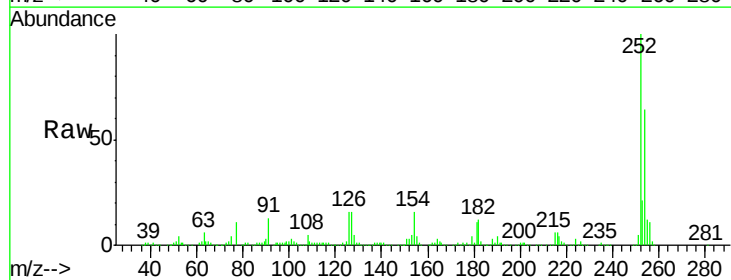
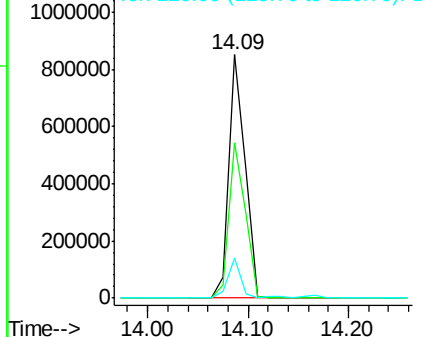
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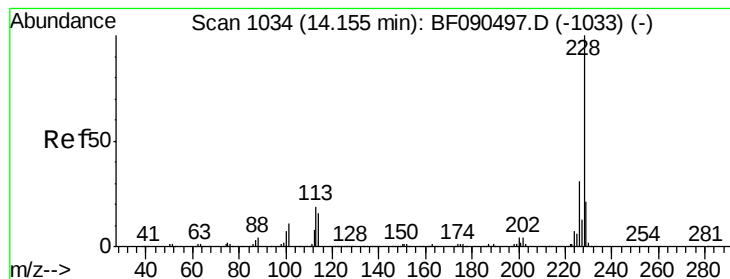


#81
3,3'-Dichlorobenzidine
Concen: 81.96 ng
RT: 14.09 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.0	52.1	78.1
126	16.3	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: 85.04 ng

RT: 14.17 min Scan# 1035

Delta R.T. 0.01 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tgt Ion:228 Resp: 2502580

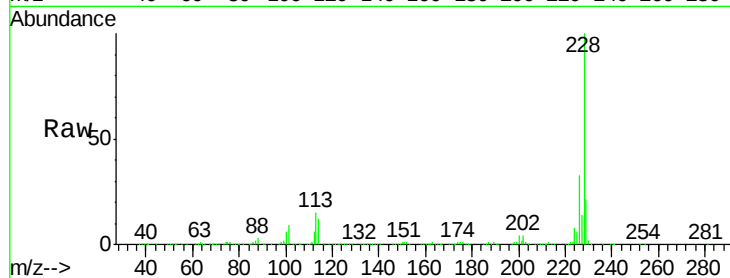
Ion Ratio Lower Upper

228 100

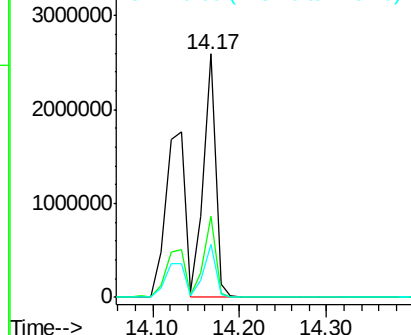
226 33.5 25.8 38.6

229 21.5 16.9 25.3

Manual Integrations
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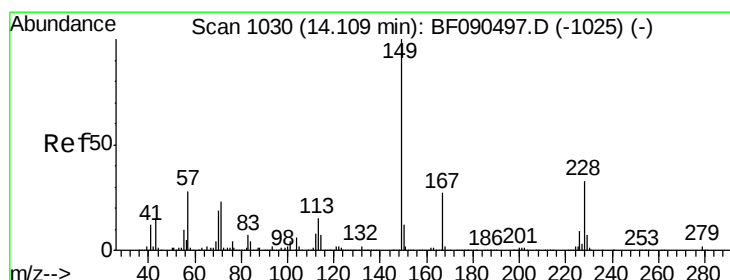
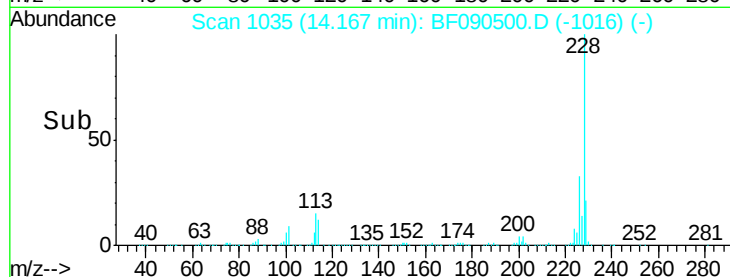


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



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#83

Bis(2-ethylhexyl)phthalate

Concen: 67.57 ng

RT: 14.11 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF090500.D

Acq: 11 Oct 2016 13:41

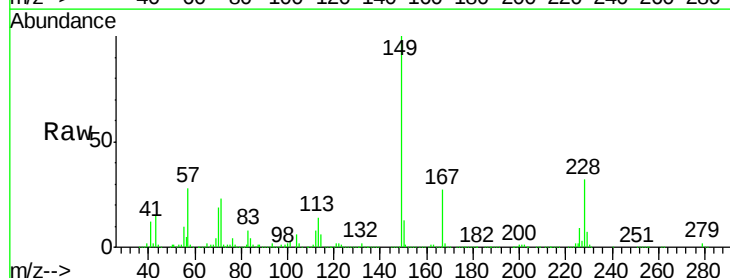
Tgt Ion:149 Resp: 1872856

Ion Ratio Lower Upper

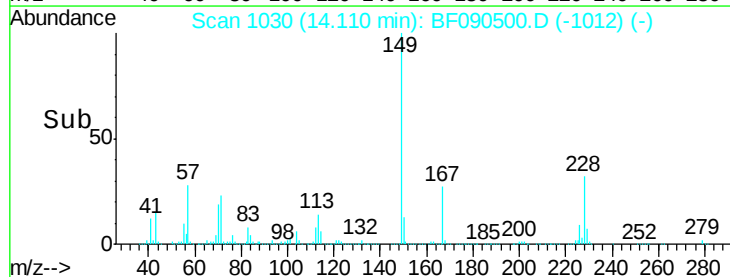
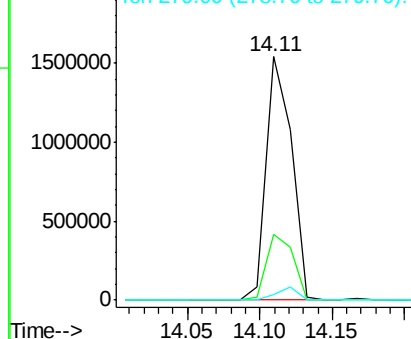
149 100

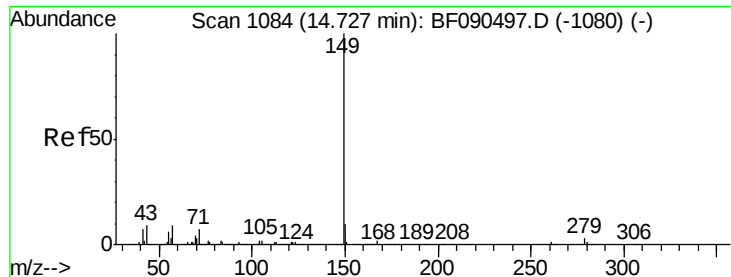
167 26.9 21.5 32.3

279 2.3 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



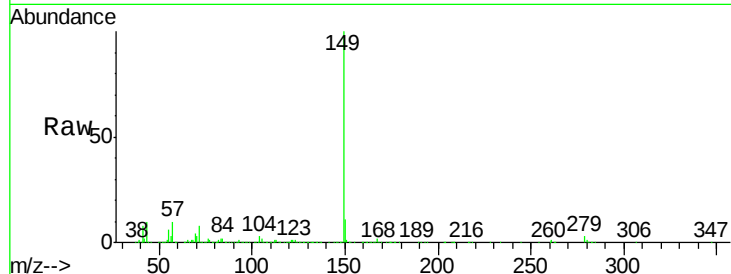


#84
Di-n-octyl phthalate
Concen: 71.36 ng
RT: 14.73 min Scan# 1084
Delta R.T. 0.00 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

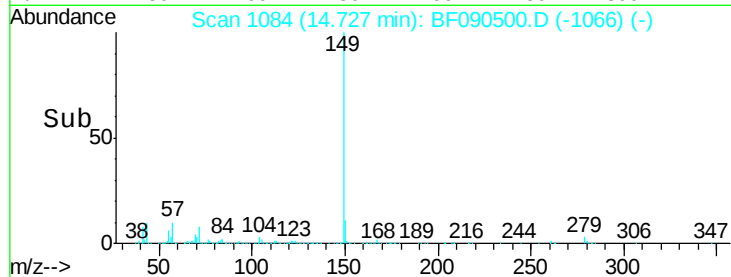
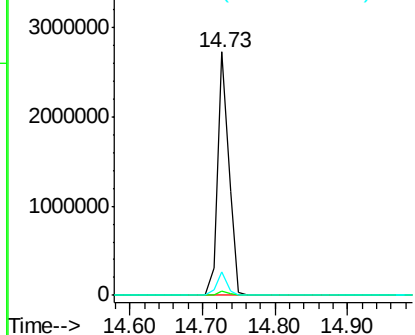
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	8.7	11.8	17.8

Manual Integrations
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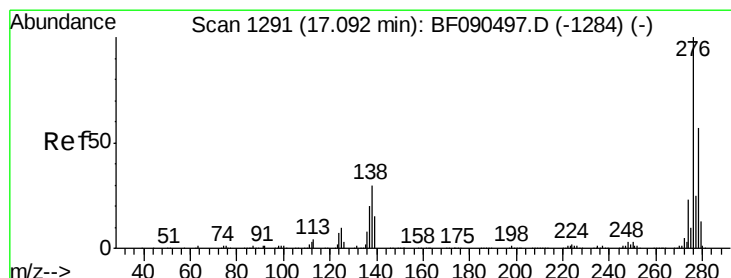


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0



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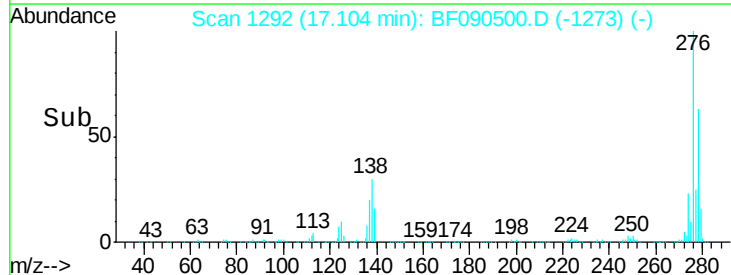
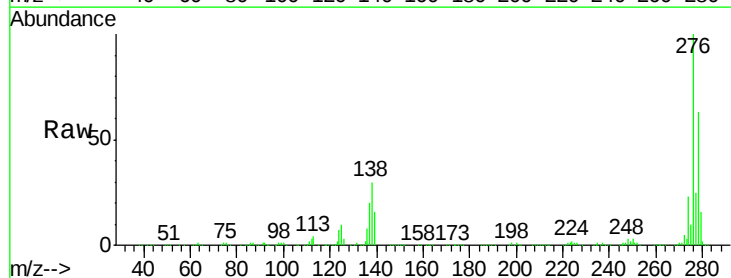
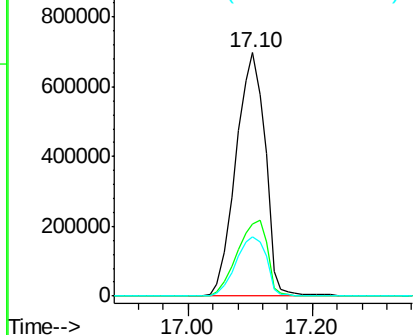
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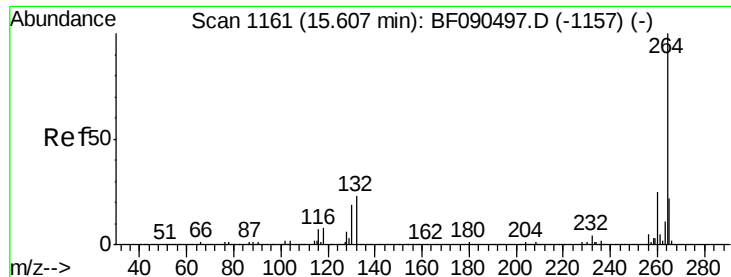


#85
Indeno(1,2,3-cd)pyrene
Concen: 109.86 ng
RT: 17.10 min Scan# 1292
Delta R.T. 0.01 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.2	23.8	35.8
277	25.5	20.4	30.6

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



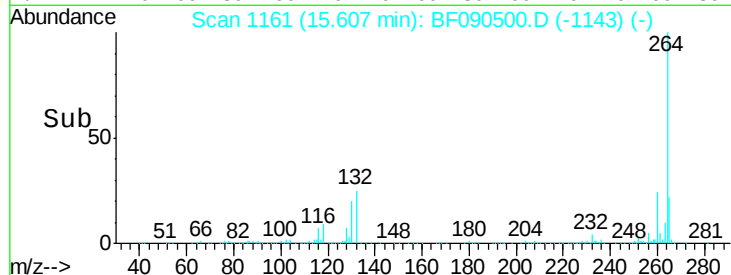
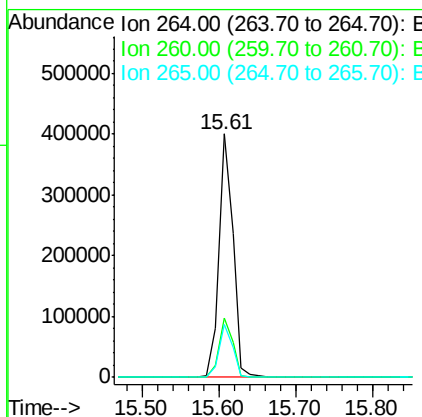
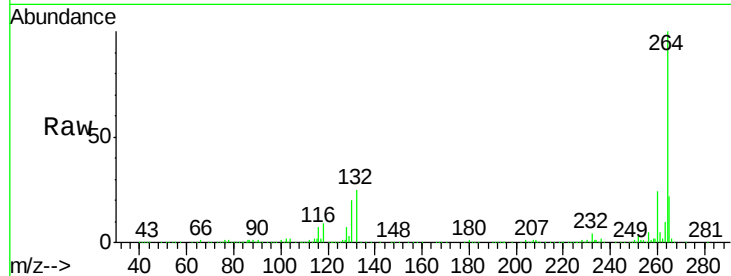


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.61 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

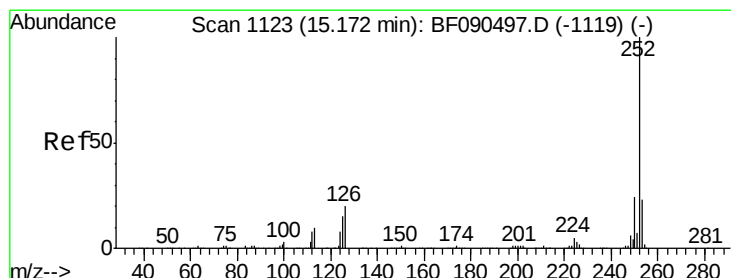
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.3	28.9
265	21.7	17.4	26.0

Manual Integrations
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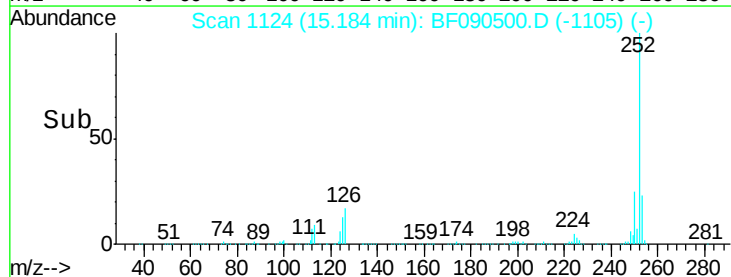
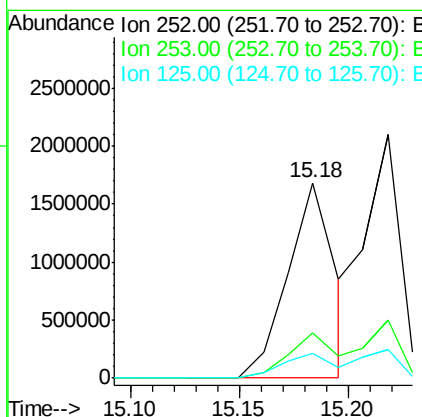
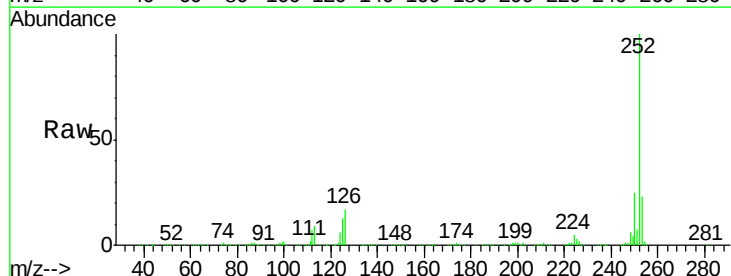
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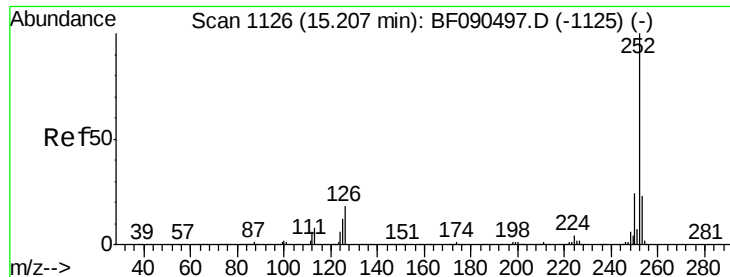
10/12/2016 4:08:07 PM



#87
Benzo(b)fluoranthene
Concen: 77.36 ng
RT: 15.18 min Scan# 1124
Delta R.T. 0.01 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	12.8	7.0	10.4#



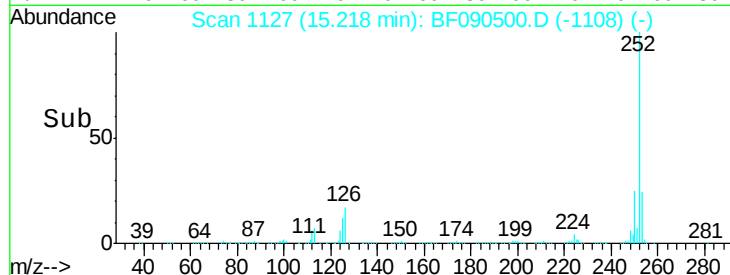
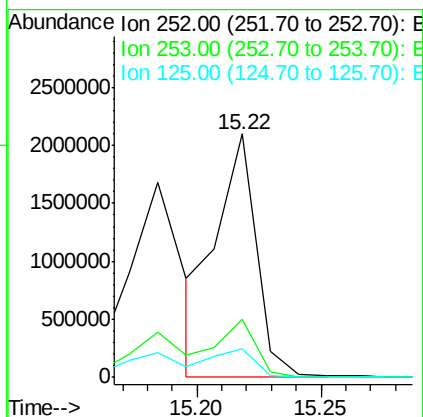
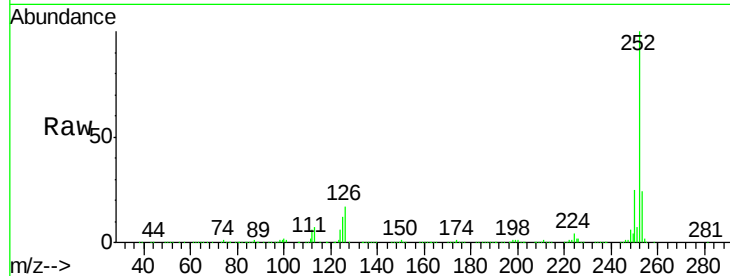


#88
Benzo(k)fluoranthene
Concen: 77.68 ng m
RT: 15.22 min Scan# 1127
Delta R.T. 0.01 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

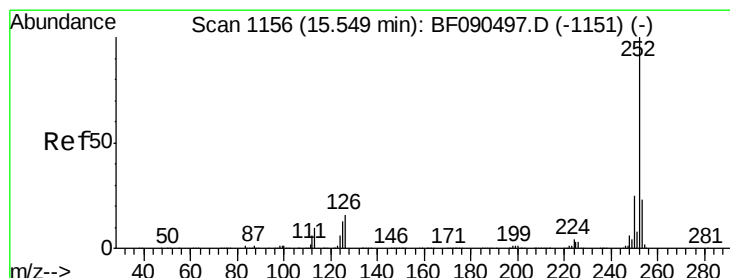
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.6	27.8
125	12.0	11.7	17.5

Manual Integrations
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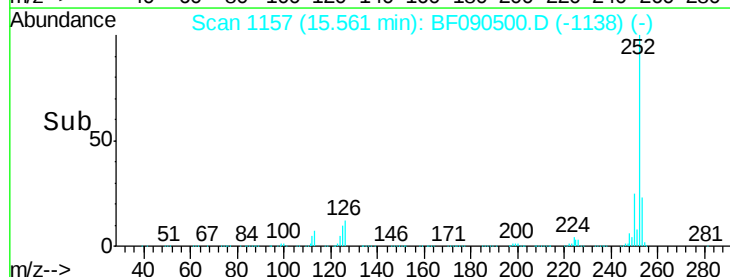
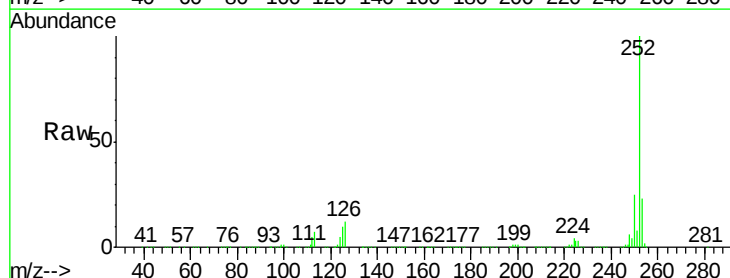
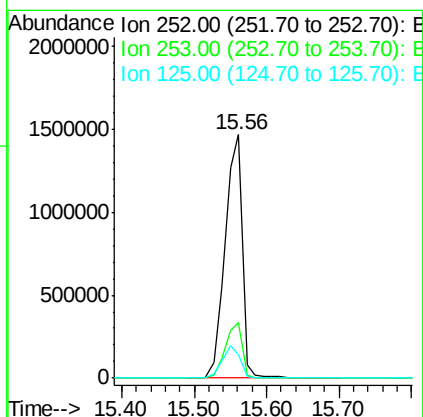
sohil

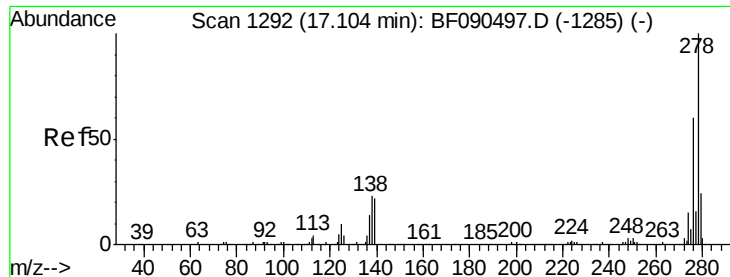
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#89
Benzo(a)pyrene
Concen: 85.79 ng
RT: 15.56 min Scan# 1157
Delta R.T. 0.01 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	9.9	9.8	14.8



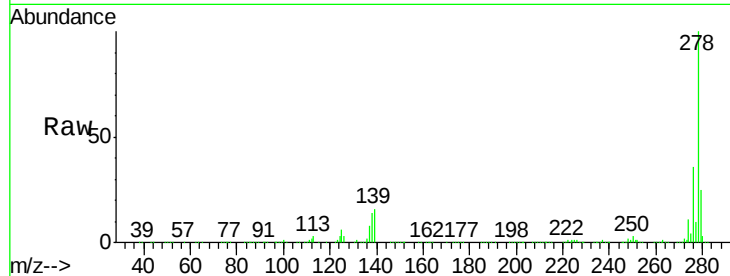


#90
Dibenzo(a,h)anthracene
Concen: 85.05 ng
RT: 17.13 min Scan# 1294
Delta R.T. 0.02 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

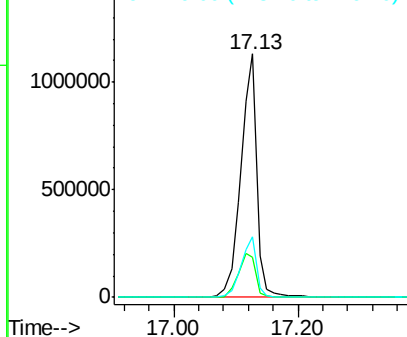
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.4	12.8	19.2
279	24.7	19.6	29.4

Manual Integrations
APPROVED

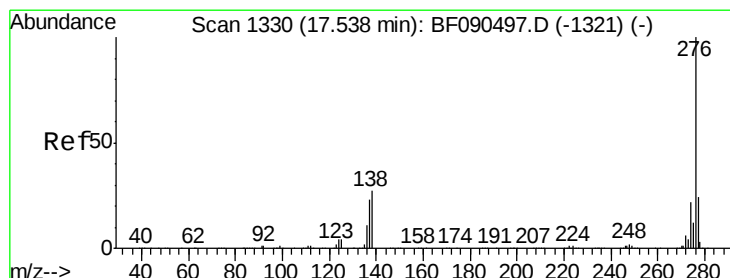
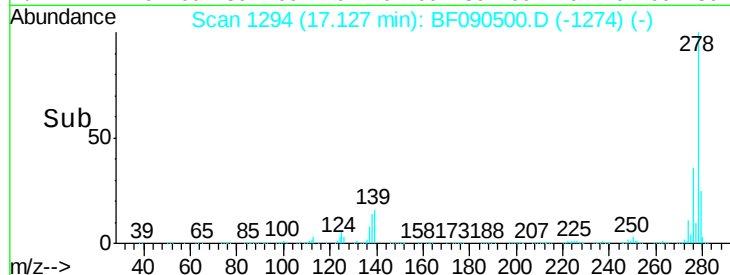


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



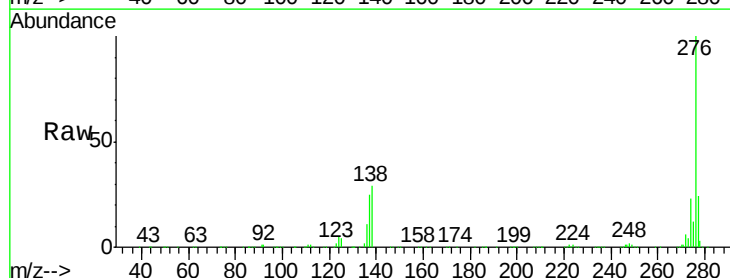
sohil

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#91
Benzo(g,h,i)perylene
Concen: 80.91 ng
RT: 17.55 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF090500.D
Acq: 11 Oct 2016 13:41

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.4	29.0
138	29.0	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

