

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
 Data File : BF090497.D
 Acq On : 11 Oct 2016 12:20
 Operator : UM/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

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 10/12/2016 4:08:16 PM

Quant Time: Oct 11 13:21:01 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	209749	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	837791	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	420096	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	716641	20.00	ng	0.00
75) Chrysene-d12	14.13	240	702480	20.00	ng	0.00
86) Perylene-d12	15.61	264	547145	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	1125205	80.06	ng	0.00
7) Phenol-d6	6.59	99	1404855	76.32	ng	0.00
23) Nitrobenzene-d5	7.51	82	1180615	68.55	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	369540	108.18	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	2068187	82.03	ng	0.00
78) Terphenyl-d14	13.08	244	2385200	76.33	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	261985	37.82	ng	# 84
3) Pyridine	3.37	79	759601	39.32	ng	# 77
4) n-Nitrosodimethylamine	3.31	42	241720	30.32	ng	# 47
6) Aniline	6.61	93	840971	33.08	ng	98
8) 2-Chlorophenol	6.74	128	570660	36.90	ng	97
9) Benzaldehyde	6.50	77	431999	46.43	ng	99
10) Phenol	6.60	94	840125	39.26	ng	96
11) bis(2-Chloroethyl)ether	6.69	93	581989	35.52	ng	94
12) 1,3-Dichlorobenzene	6.90	146	640325	41.53	ng	100
13) 1,4-Dichlorobenzene	6.97	146	589922	37.67	ng	98
14) 1,2-Dichlorobenzene	7.13	146	608702	40.35	ng	98
15) Benzyl Alcohol	7.09	79	496788	35.50	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	801787	28.85	ng	89
17) 2-Methylphenol	7.21	107	441366	34.70	ng	99
18) Hexachloroethane	7.47	117	233205	37.78	ng	97
19) n-Nitroso-di-n-propylamine	7.37	70	387630	28.72	ng	# 82
20) 3+4-Methylphenols	7.37	107	603402	36.65	ng	# 68
22) Acetophenone	7.37	105	758902	38.24	ng	# 91
24) Nitrobenzene	7.54	77	704157	41.18	ng	93
25) Isophorone	7.78	82	1093272	34.72	ng	99
26) 2-Nitrophenol	7.86	139	327473	44.50	ng	99
27) 2,4-Dimethylphenol	7.89	122	517192	36.14	ng	98
28) bis(2-Chloroethoxy)methane	7.98	93	625510	33.59	ng	# 96
29) 2,4-Dichlorophenol	8.10	162	452723	41.61	ng	93
30) 1,2,4-Trichlorobenzene	8.18	180	473106	42.19	ng	99
31) Naphthalene	8.27	128	1646255	40.73	ng	97
32) Benzoic acid	8.02	122	438017	44.02	ng	98
33) 4-Chloroaniline	8.31	127	701205	41.97	ng	# 86
34) Hexachlorobutadiene	8.38	225	276457	44.12	ng	99
35) Caprolactam	8.68	113	139576	38.15	ng	# 77
36) 4-Chloro-3-methylphenol	8.79	107	524392	38.49	ng	90
37) 2-Methylnaphthalene	8.95	142	1007006	41.16	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	491987	44.42	ng	100
40) Hexachlorocyclopentadiene	9.11	237	254509	41.92	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	297387	38.91	nq	95
43) 2,4,5-Trichlorophenol	9.27	196	338508	46.84	nq #	90
45) 1,1'-Biphenyl	9.42	154	1402265	45.05	nq	96
46) 2-Chloronaphthalene	9.45	162	1022258	44.44	nq	97
47) 2-Nitroaniline	9.54	65	372531	41.05	nq	98
48) Acenaphthylene	9.86	152	1483665	39.10	nq	98
49) Dimethylphthalate	9.72	163	1108275	41.19	nq	99
50) 2,6-Dinitrotoluene	9.78	165	235570	39.44	nq	95
51) Acenaphthene	10.03	154	1021763	43.18	nq	97
52) 3-Nitroaniline	9.95	138	311745	44.68	nq	97
53) 2,4-Dinitrophenol	10.05	184	157883	59.28	nq	94
54) Dibenzofuran	10.20	168	1347081	43.98	nq	93
55) 4-Nitrophenol	10.11	139	279338	45.75	nq #	74
56) 2,4-Dinitrotoluene	10.18	165	323294	40.67	nq #	34
57) Fluorene	10.55	166	1126687	43.77	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	272724	50.53	nq	96
59) Diethylphthalate	10.42	149	1125873	40.44	nq #	92
60) 4-Chlorophenyl-phenylether	10.54	204	569915	48.70	nq	89
61) 4-Nitroaniline	10.57	138	355350	50.54	nq	89
62) Azobenzene	10.70	77	1364880	42.45	nq	87
64) 4,6-Dinitro-2-methylphenol	10.59	198	181214	41.67	nq #	78
65) n-Nitrosodiphenylamine	10.66	169	911088	37.94	nq	99
66) 4-Bromophenyl-phenylether	11.03	248	349749	49.79	nq #	86
67) Hexachlorobenzene	11.10	284	357248	45.67	nq #	84
68) Atrazine	11.18	200	271695	45.88	nq	98
69) Pentachlorophenol	11.29	266	201629	43.30	nq	99
70) Phenanthrene	11.51	178	1706890	46.51	nq	97
71) Anthracene	11.56	178	1477985	39.44	nq	98
72) Carbazole	11.72	167	1599917	45.95	nq	96
73) Di-n-butylphthalate	12.05	149	1917704	45.26	nq #	97
74) Fluoranthene	12.70	202	1765223	49.04	nq	94
76) Benzidine	12.82	184	831452	45.01	nq	98
77) Pyrene	12.93	202	1740022	37.15	nq	100
79) Butylbenzylphthalate	13.55	149	798228	33.21	nq #	87
80) Benzo(a)anthracene	14.12	228	1574921	39.96	nq	99
81) 3,3'-Dichlorobenzidine	14.09	252	649801	45.47	nq #	99
82) Chrysene	14.16	228	1459913	40.25	nq	99
83) Bis(2-ethylhexyl)phthalate	14.11	149	1145635	33.53	nq #	99
84) Di-n-octyl phthalate	14.73	149	1850919	36.54	nq #	88
85) Indeno(1,2,3-cd)pyrene	17.09	276	1260694	48.75	nq	97
87) Benzo(b)fluoranthene	15.17	252	1579154	45.31	nq #	94
88) Benzo(k)fluoranthene	15.21	252	1169567m	35.73	nq	
89) Benzo(a)pyrene	15.55	252	1304454	43.42	nq	100
90) Dibenzo(a,h)anthracene	17.10	278	1113418	43.57	nq #	94
91) Benzo(g,h,i)perylene	17.54	276	1010205	41.19	nq	99

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

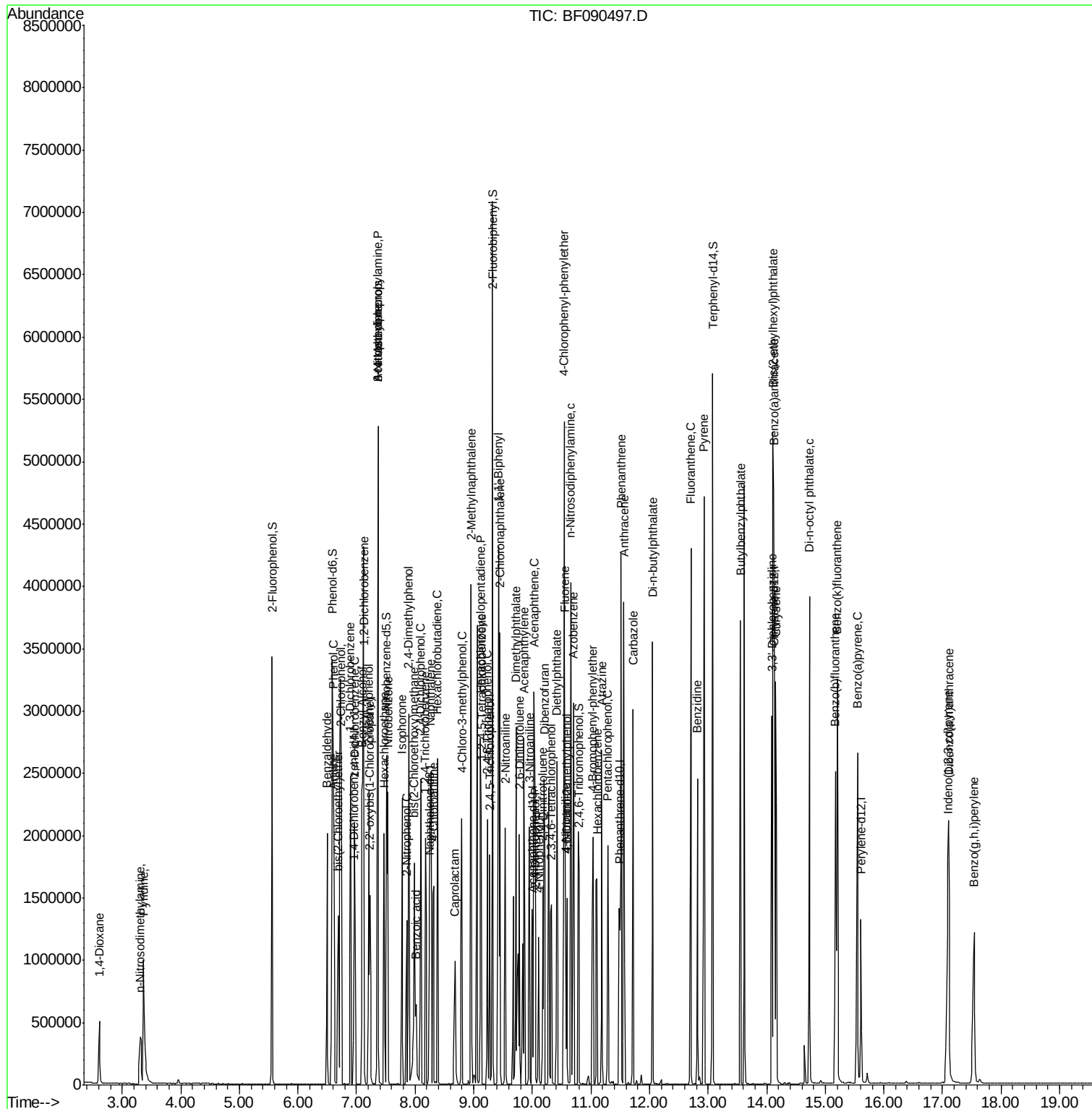
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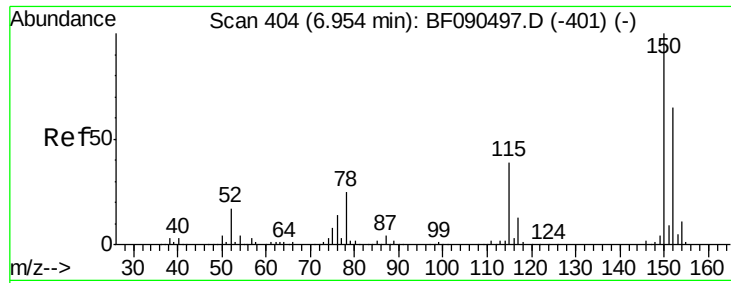
Instrument :
BNA_F
Client Sample ID :
SSTDICCC040

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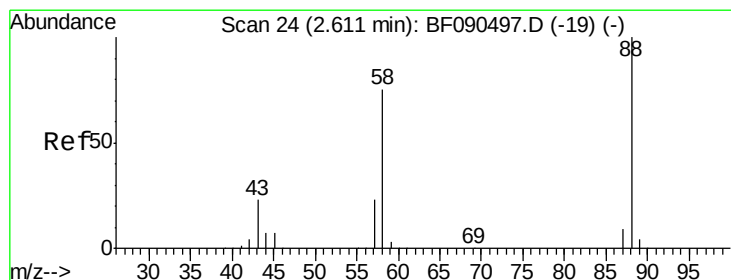
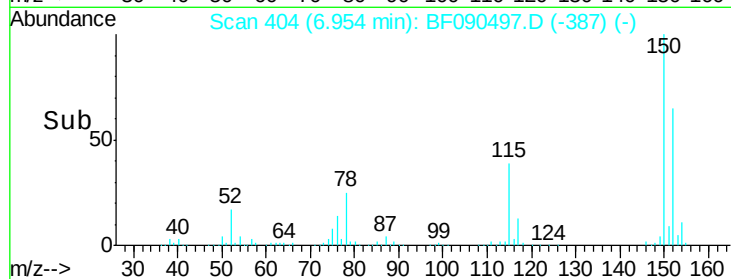
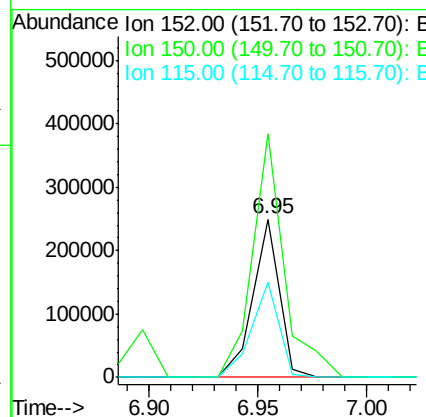
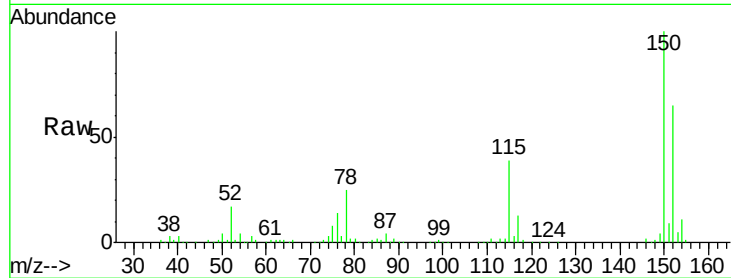
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.95 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: BF090497.D
 Acq: 11 Oct 2016 12:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.6	186.8
115	60.2	46.2	69.4

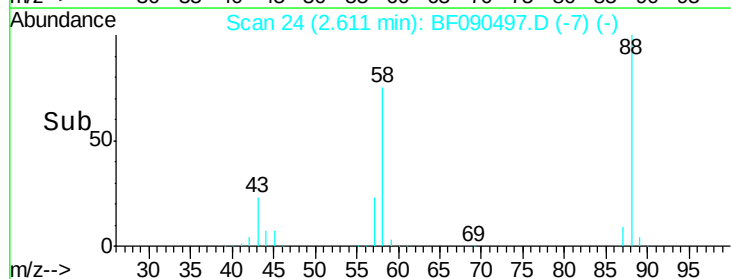
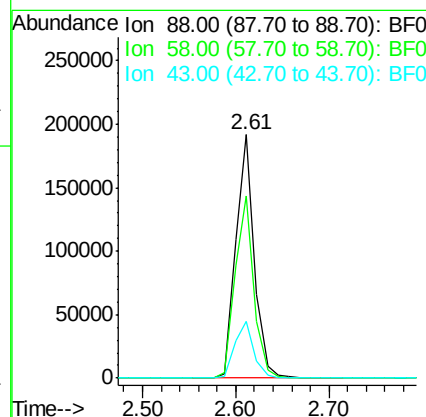
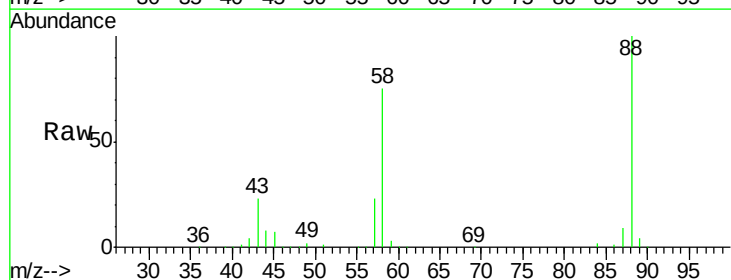
Manual Integrations
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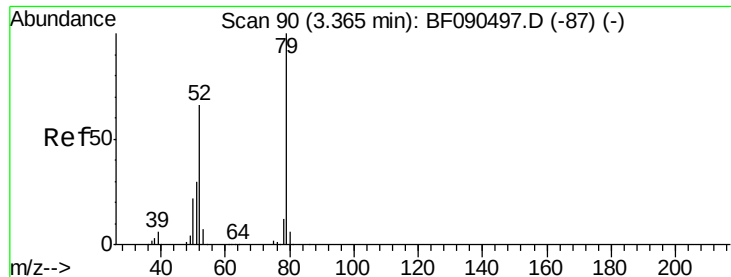
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#2
 1,4-Dioxane
 Concen: 37.82 ng
 RT: 2.61 min Scan# 24
 Delta R.T. 0.00 min
 Lab File: BF090497.D
 Acq: 11 Oct 2016 12:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.1	71.2	106.8
43	23.9	29.8	44.6





#3

Pvridine

Concen: 39.32 ng

RT: 3.37 min Scan# 90

Delta R.T. 0.00 min

Lab File: BF090497.D

Acq: 11 Oct 2016 12:20

Instrument :

BNA_F

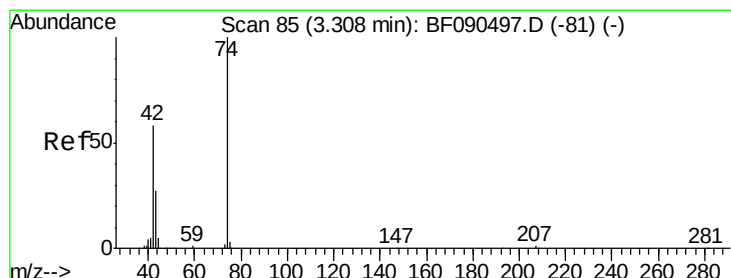
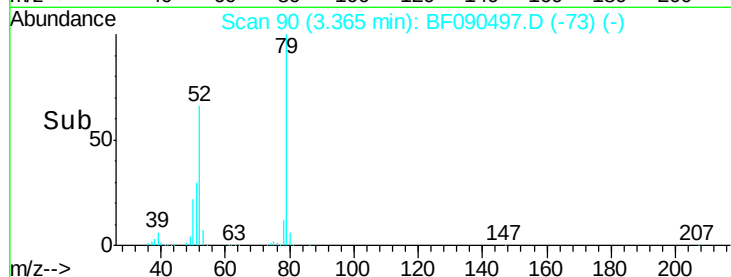
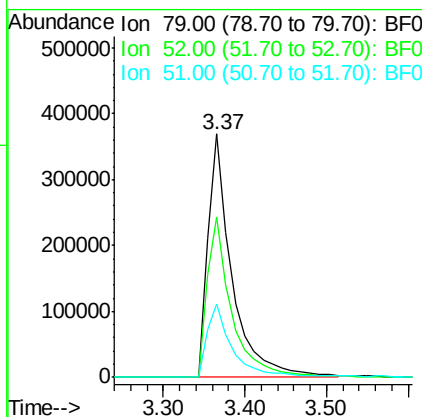
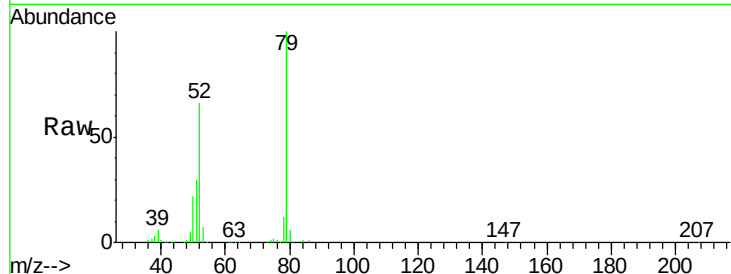
ClientSampleId :

SSTDICCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	759601		
52	52	65.7		71.3	106.9#
51	51	30.1		34.5	51.7#

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#4

n-Nitrosodimethylamine

Concen: 30.32 ng

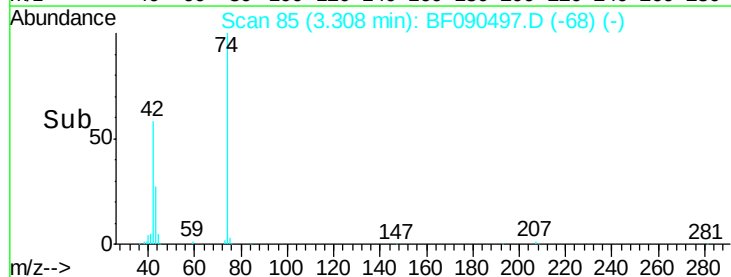
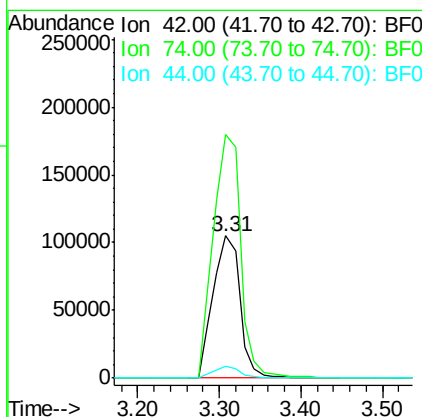
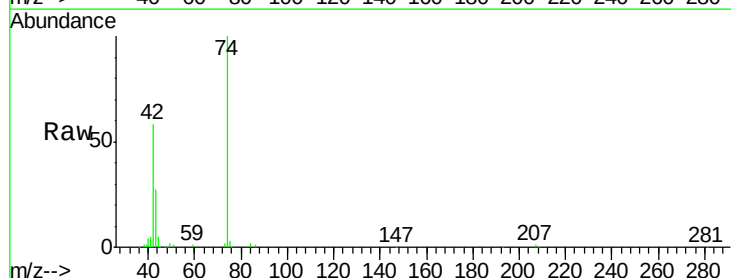
RT: 3.31 min Scan# 85

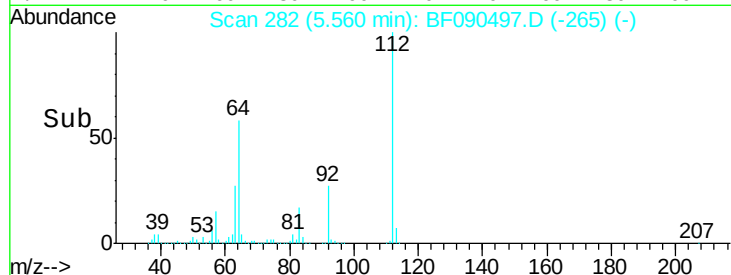
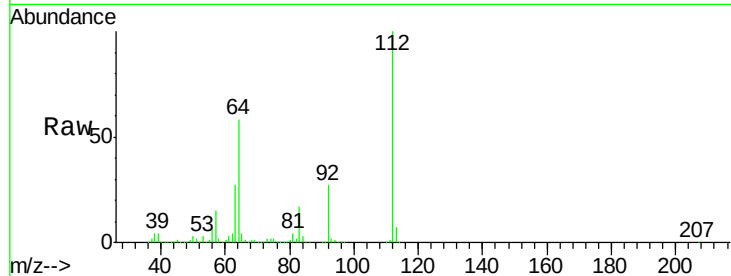
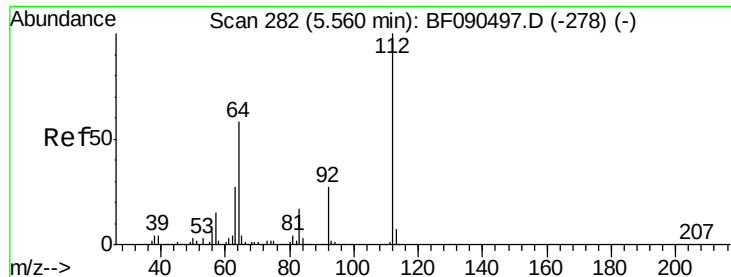
Delta R.T. 0.00 min

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	241720		
74	74	171.5		88.9	133.3#
44	44	8.2		6.5	9.7





#5

2-Fluorophenol

Concen: 80.06 ng

RT: 5.56 min Scan# 282

Delta R.T. 0.00 min

Lab File: BF090497.D

Acq: 11 Oct 2016 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:112 Resp: 1125205

Ion Ratio Lower Upper

112 100

64 57.6 57.9 86.9#

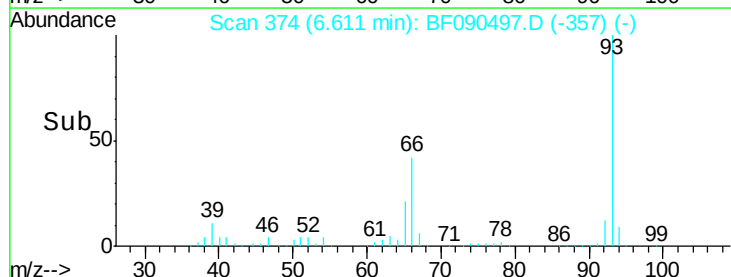
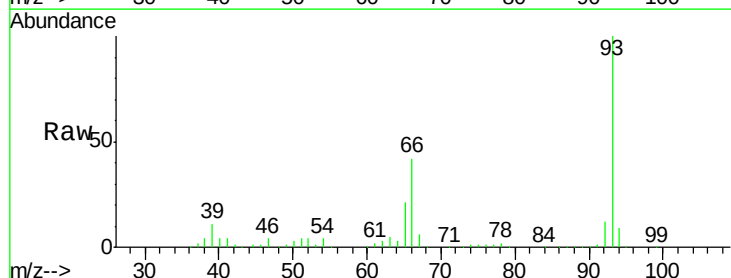
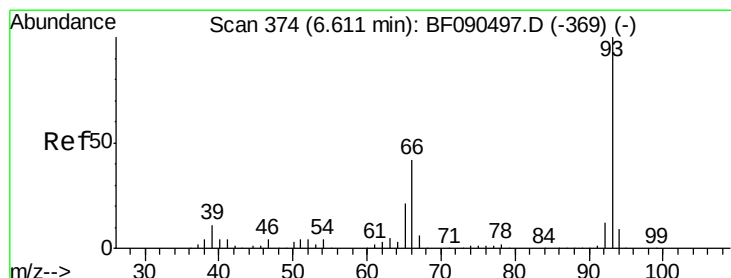
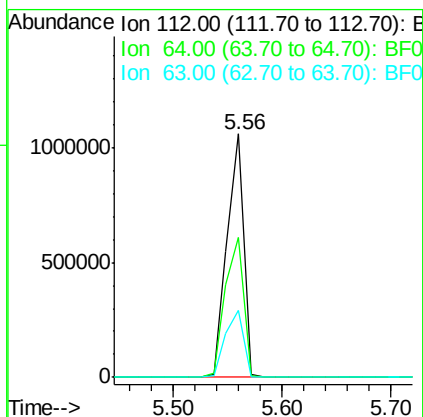
63 27.4 29.6 44.4#

Manual Integrations

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#6

Aniline

Concen: 33.08 ng

RT: 6.61 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF090497.D

Acq: 11 Oct 2016 12:20

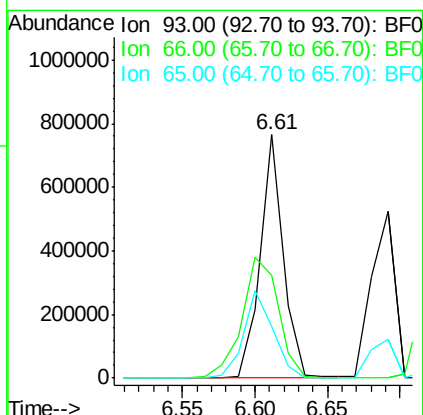
Tgt Ion: 93 Resp: 840971

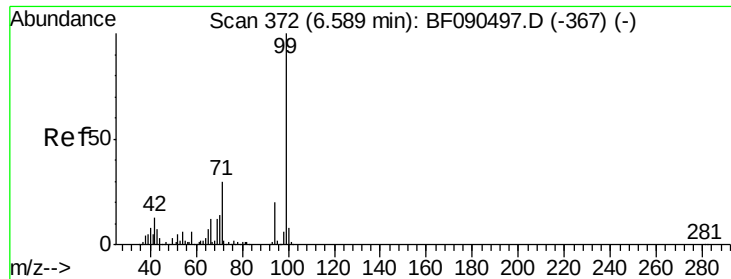
Ion Ratio Lower Upper

93 100

66 42.1 34.5 51.7

65 21.1 18.2 27.2





#7

Phenol-d6

Concen: 76.32 ng

RT: 6.59 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF090497.D

Acq: 11 Oct 2016 12:20

Instrument :

BNA_F

ClientSampleId :

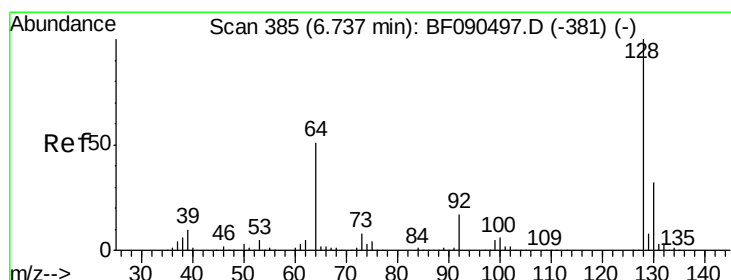
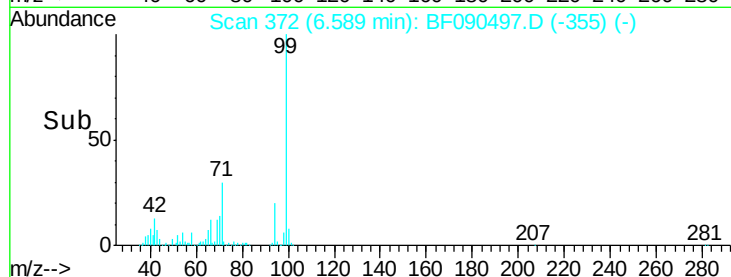
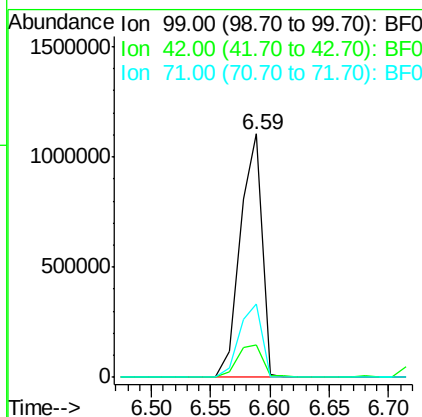
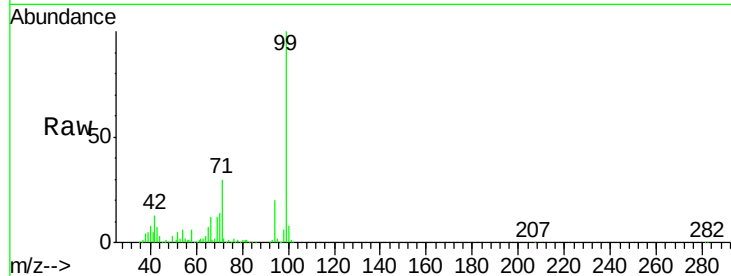
SSTDICCC040

Tot Ion: 99 Resp: 1404855

Ion	Ratio	Lower	Upper
99	100		
42	13.5	20.0	30.0#
71	30.2	27.9	41.9

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#8

2-Chlorophenol

Concen: 36.90 ng

RT: 6.74 min Scan# 385

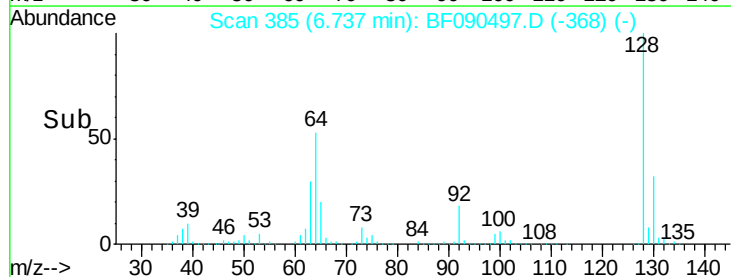
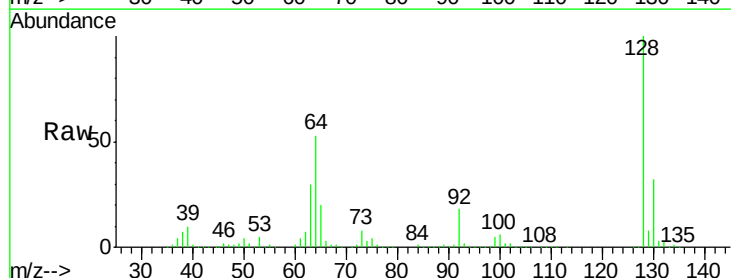
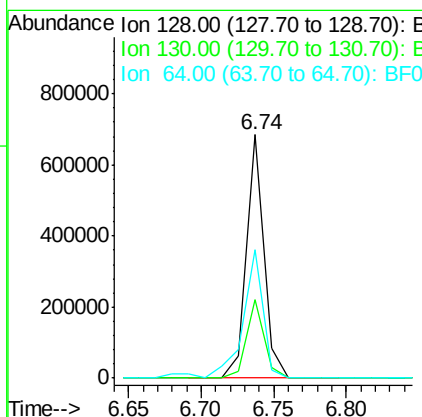
Delta R.T. 0.00 min

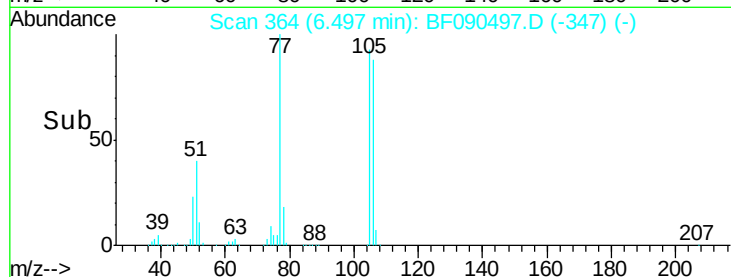
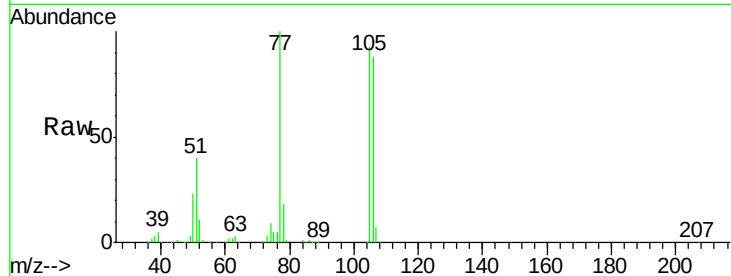
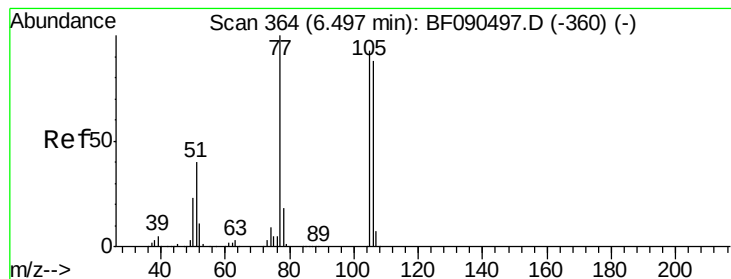
Lab File: BF090497.D

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Tgt Ion: 128 Resp: 570660

Ion	Ratio	Lower	Upper
128	100		
130	32.4	13.3	53.3
64	53.0	36.0	76.0





#9

Benzaldehyde

Concen: 46.43 ng

RT: 6.50 min Scan# 364

Delta R.T. 0.00 min

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Tot Ion:	77	Resp:	431999
Ion Ratio	Lower	Upper	
77	100		
105	92.5	73.1	113.1
106	88.1	70.2	110.2

Instrument :

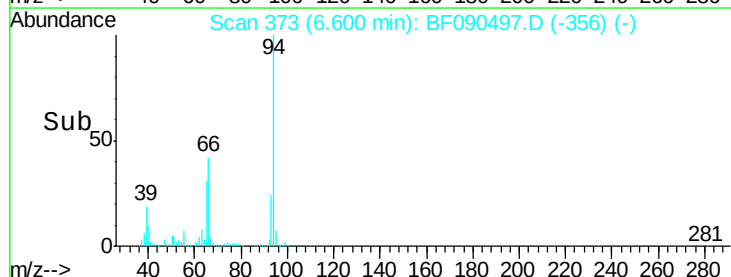
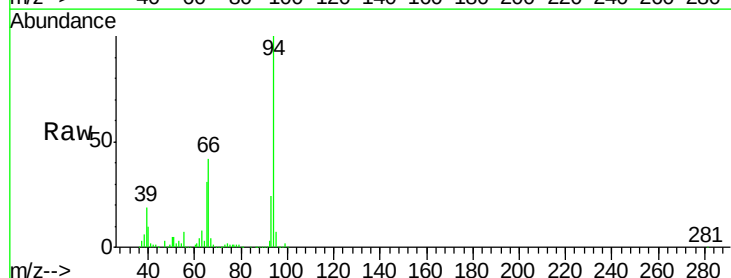
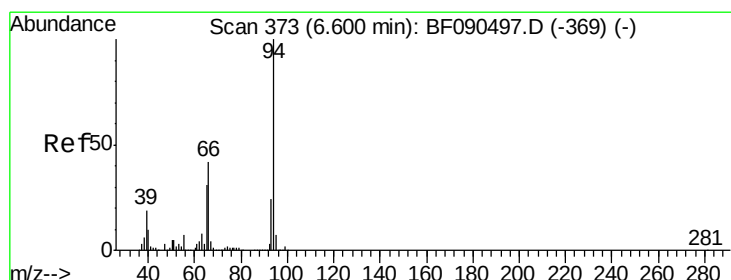
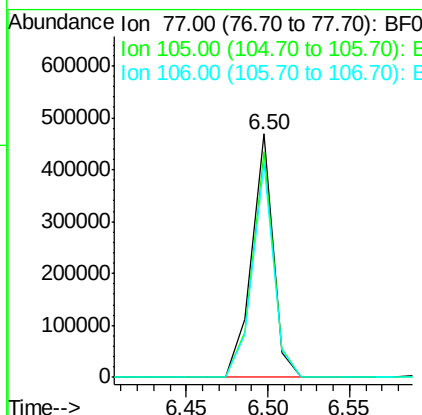
BNA_F

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#10

Phenol

Concen: 39.26 ng

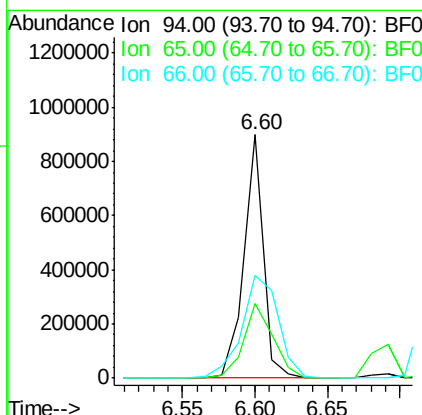
RT: 6.60 min Scan# 373

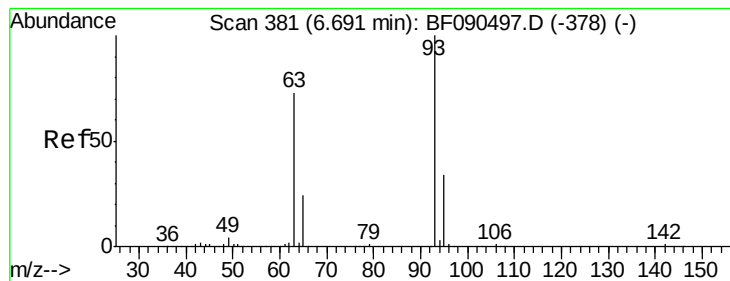
Delta R.T. 0.00 min

Lab File: BF090497.D

Acq: 11 Oct 2016 12:20

Tgt Ion:	94	Resp:	840125
Ion Ratio	Lower	Upper	
94	100		
65	30.8	13.3	53.3
66	42.4	20.4	60.4





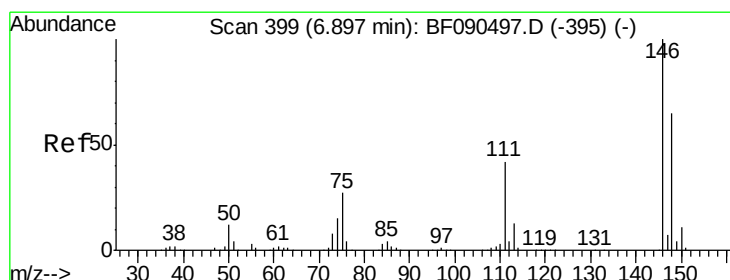
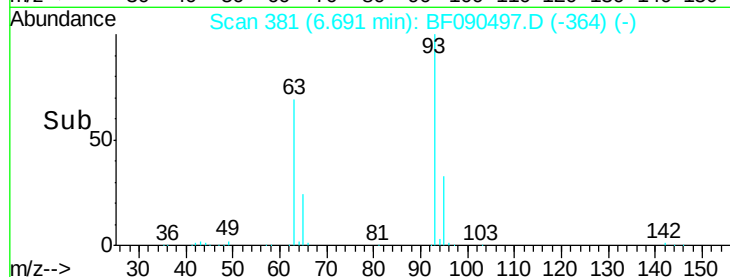
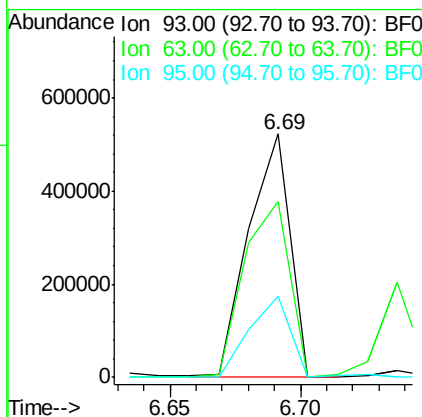
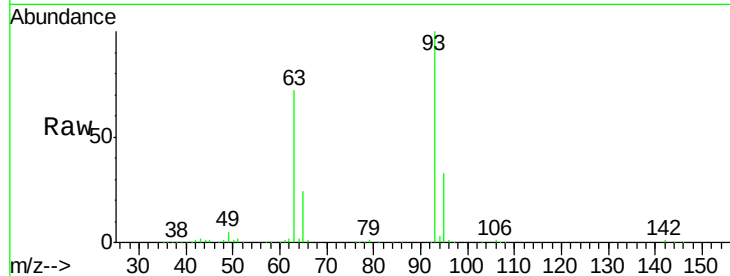
#11
bis(2-Chloroethyl)ether
Concen: 35.52 ng
RT: 6.69 min Scan# 381
Delta R.T. 0.00 min
Lab File: BF090497.D
Acq: 11 Oct 2016 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.0	59.7	99.7
95	33.3	14.0	54.0

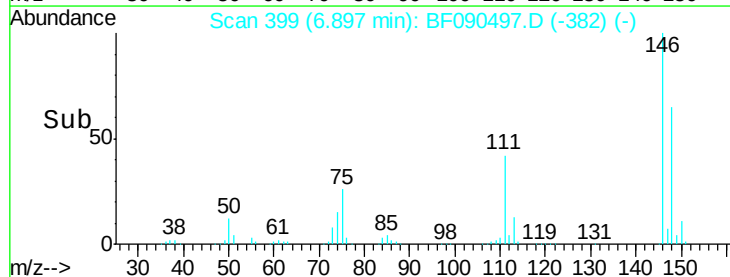
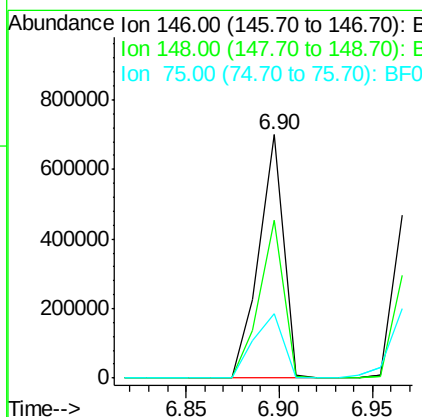
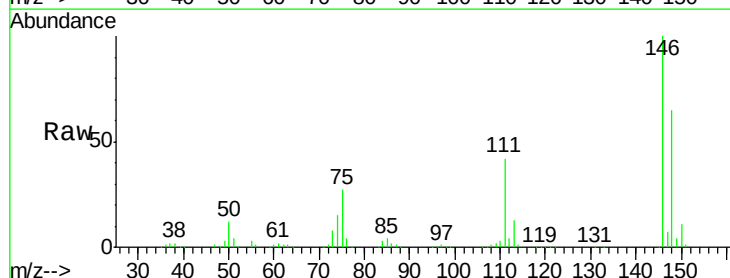
Manual Integrations
APPROVED

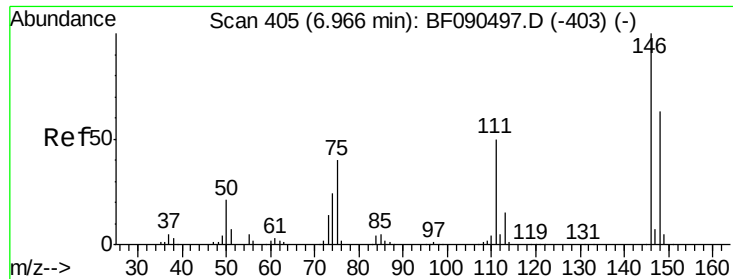
sohil
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#12
1,3-Dichlorobenzene
Concen: 41.53 ng
RT: 6.90 min Scan# 399
Delta R.T. 0.00 min
Lab File: BF090497.D
Acq: 11 Oct 2016 12:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.2	78.4
75	26.6	21.4	32.2





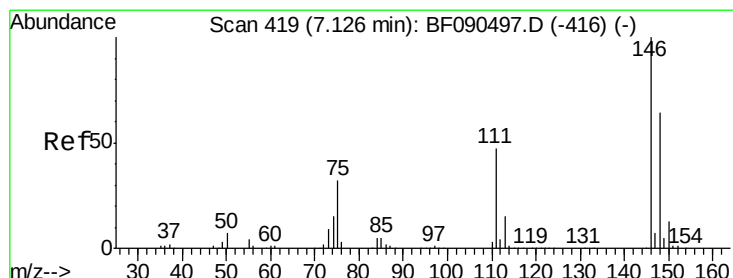
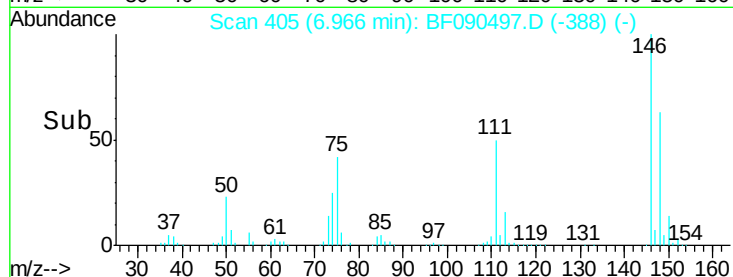
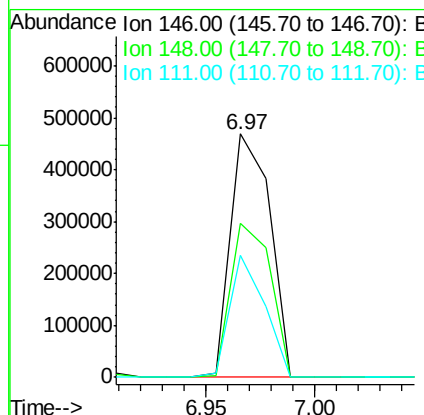
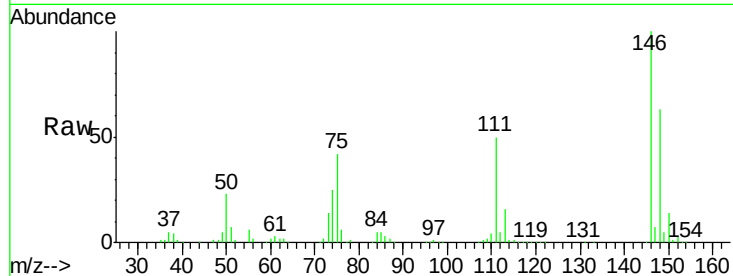
#13
 1,4-Dichlorobenzene
 Concen: 37.67 ng
 RT: 6.97 min Scan# 405
 Delta R.T. 0.00 min
 Lab File: BF090497.D
 Acq: 11 Oct 2016 12:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.1	76.7
111	50.1	37.8	56.6

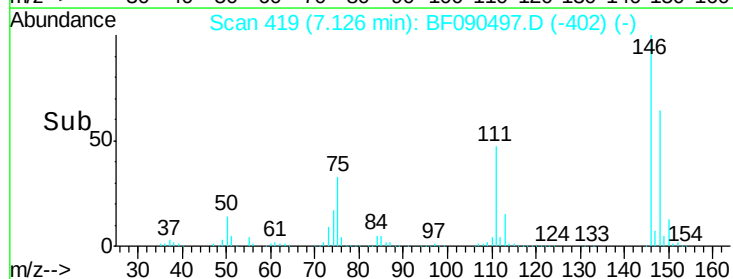
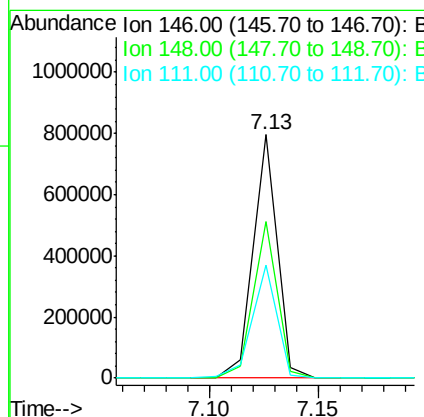
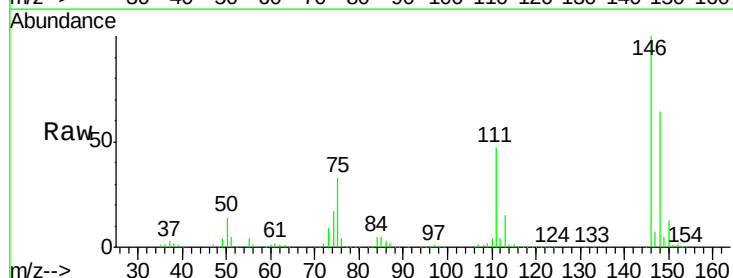
Manual Integrations
 APPROVED

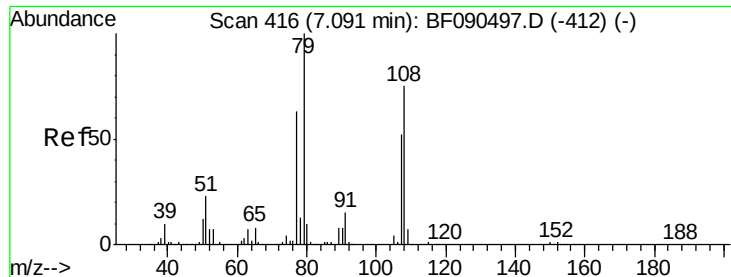
sohil
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#14
 1,2-Dichlorobenzene
 Concen: 40.35 ng
 RT: 7.13 min Scan# 419
 Delta R.T. 0.00 min
 Lab File: BF090497.D
 Acq: 11 Oct 2016 12:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.3	78.5
111	46.7	38.2	57.4





#15

Benzyl Alcohol

Concen: 35.50 ng

RT: 7.09 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF090497.D

Acq: 11 Oct 2016 12:20

Instrument :

BNA_F

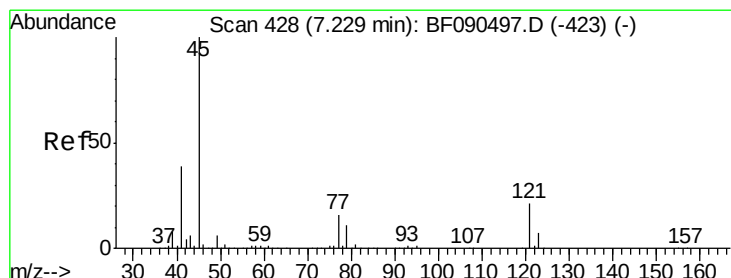
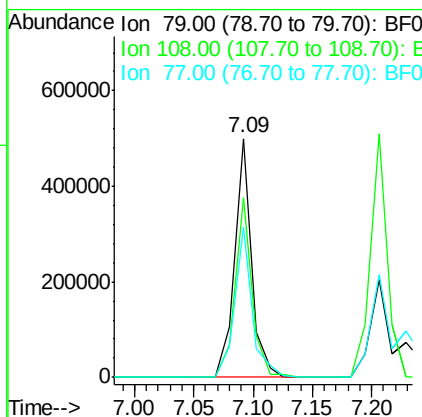
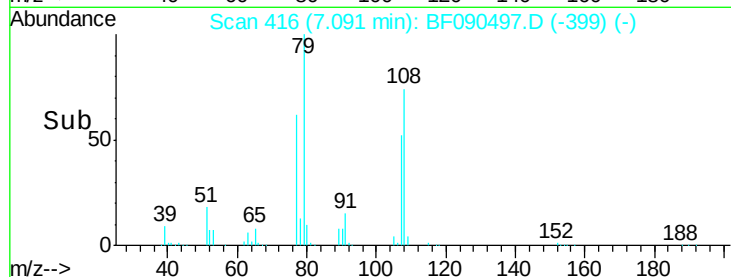
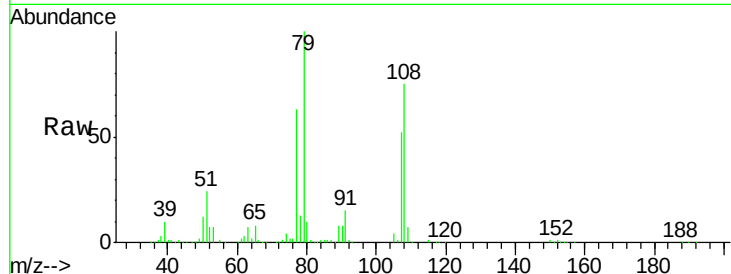
ClientSampleId :

SSTDICCC040

Tot Ion:	79	Resp:	496788
Ion Ratio	Lower	Upper	
79	100		
108	75.1	60.9	91.3
77	62.7	51.5	77.3

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 28.85 ng

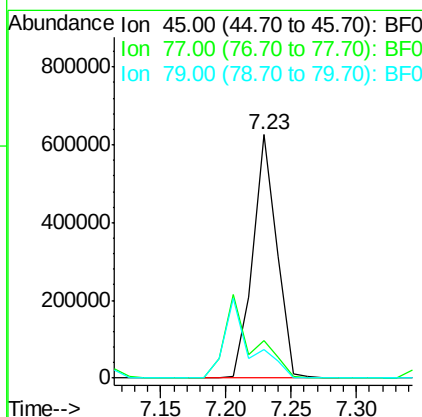
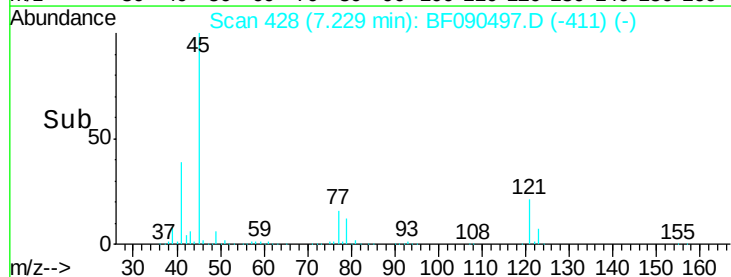
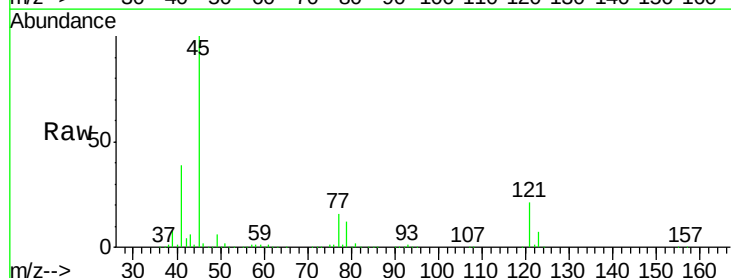
RT: 7.23 min Scan# 428

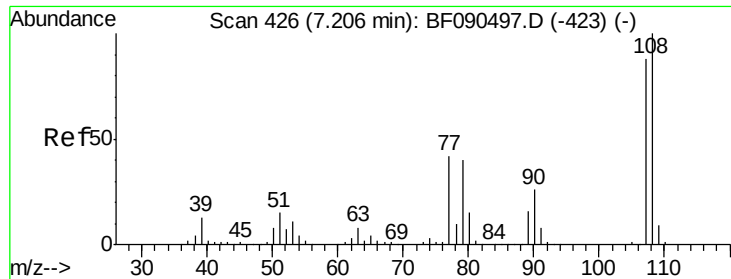
Delta R.T. 0.00 min

Lab File: BF090497.D

Acq: 11 Oct 2016 12:20

Tgt Ion:	45	Resp:	801787
Ion Ratio	Lower	Upper	
45	100		
77	15.6	0.0	30.8
79	11.6	0.0	28.2





#17

2-Methylphenol

Concen: 34.70 ng

RT: 7.21 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF090497.D

Acq: 11 Oct 2016 12:20

Instrument :

BNA_F

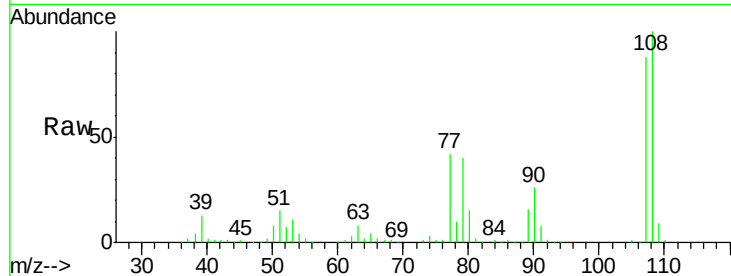
ClientSampleId :

SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.2	90.9	136.3	
77	47.5	38.2	57.4	
79	45.3	37.0	55.4	

Manual Integrations
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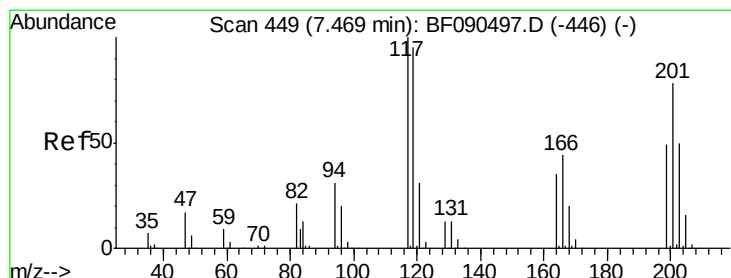
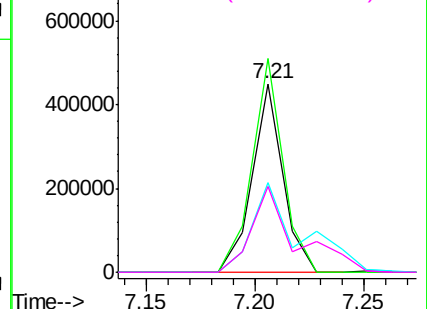
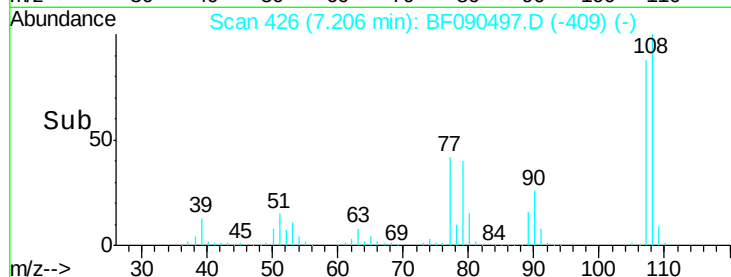
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 37.78 ng

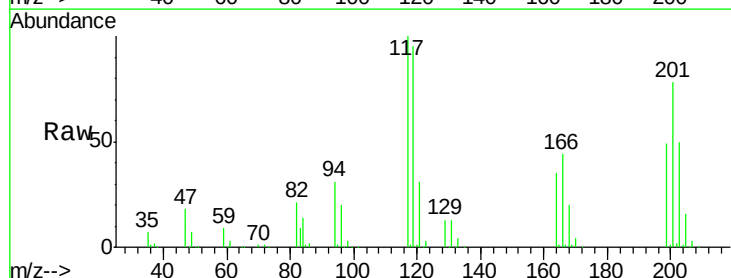
RT: 7.47 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF090497.D

Acq: 11 Oct 2016 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.1	75.9	113.9	
201	77.7	66.5	99.7	

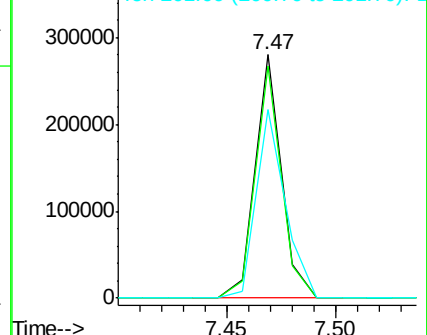
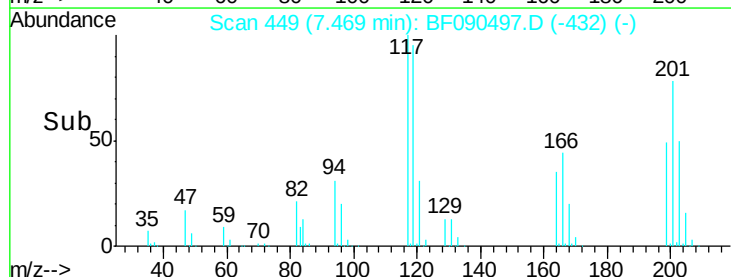


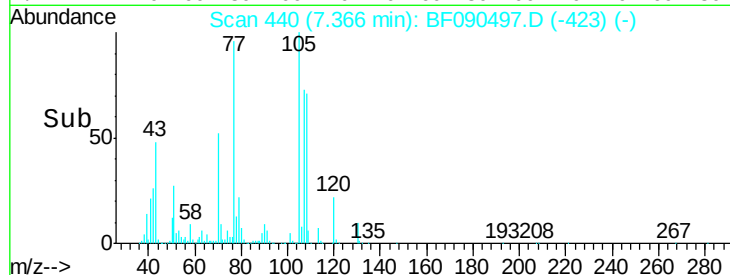
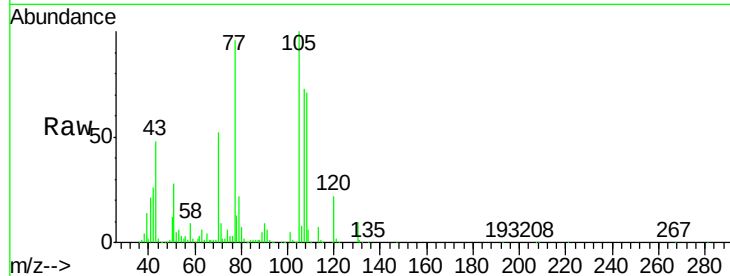
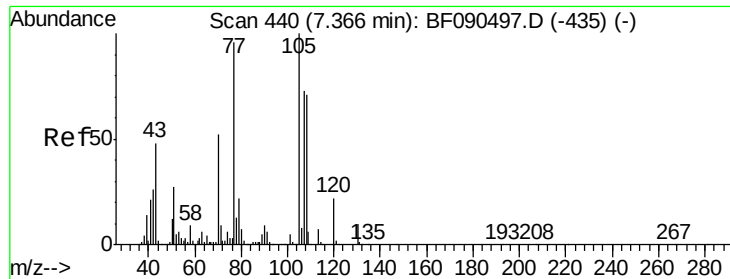
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





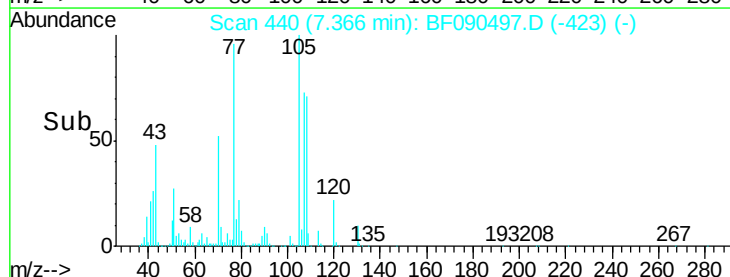
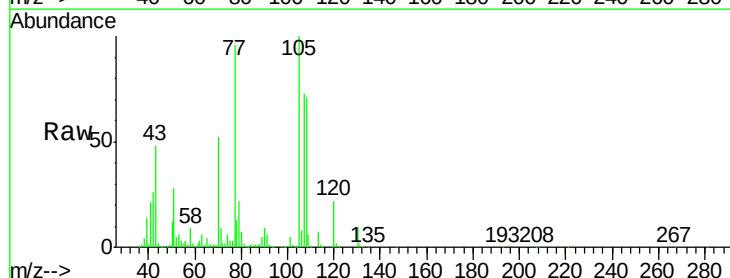
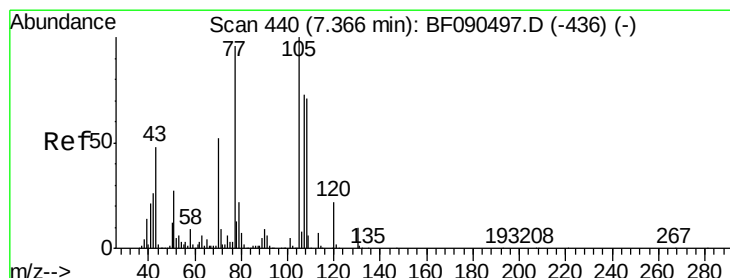
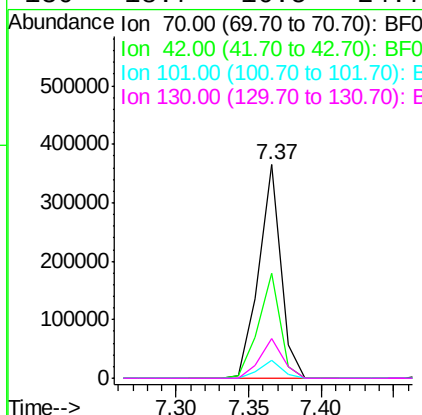
#19
n-Nitroso-di-n-propylamine
Concen: 28.72 ng
RT: 7.37 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF090497.D
Acq: 11 Oct 2016 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	48.9	55.4	83.2#
101	8.7	7.6	11.4
130	18.7	16.5	24.7

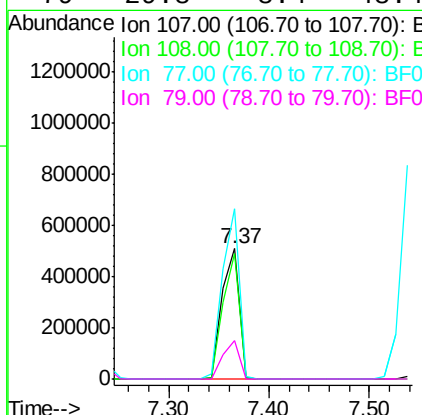
Manual Integrations
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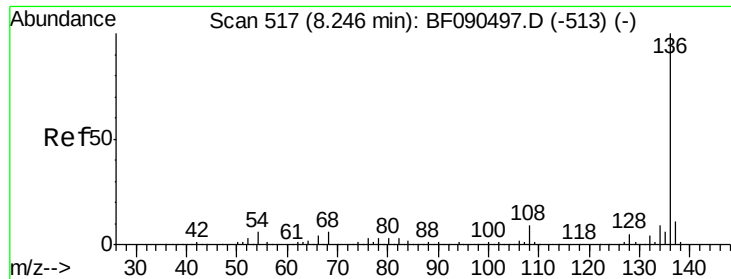
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#20
3+4-Methylphenols
Concen: 36.65 ng
RT: 7.37 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF090497.D
Acq: 11 Oct 2016 12:20

Tgt Ion	Ratio	Lower	Upper
107	100		
108	96.8	66.7	106.7
77	130.8	53.7	93.7#
79	29.8	8.4	48.4





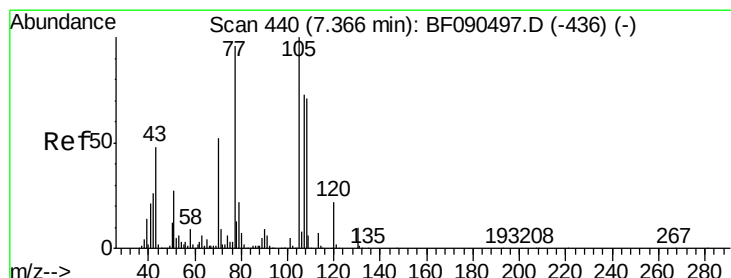
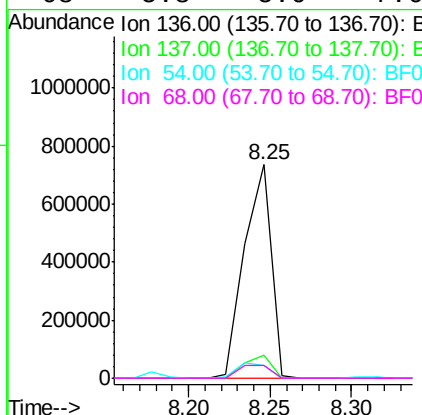
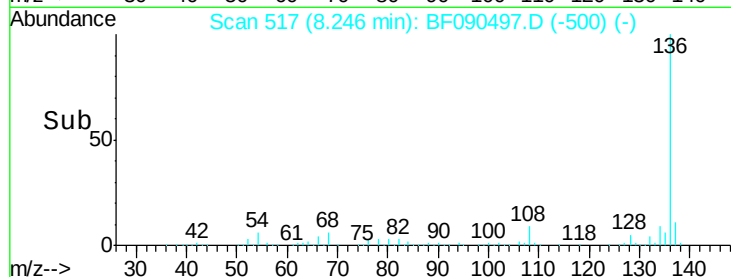
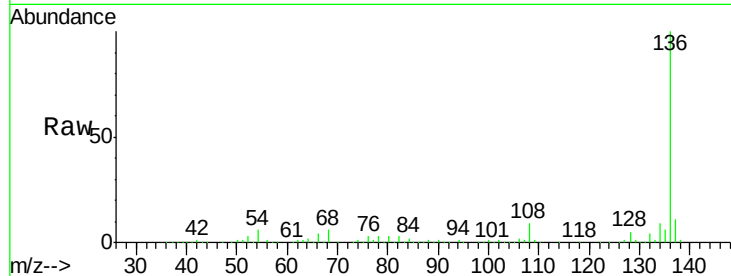
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF090497.D
Acq: 11 Oct 2016 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	837791		
137	10.7		9.0	13.6
54	5.9		6.6	10.0#
68	5.8		5.0	7.6

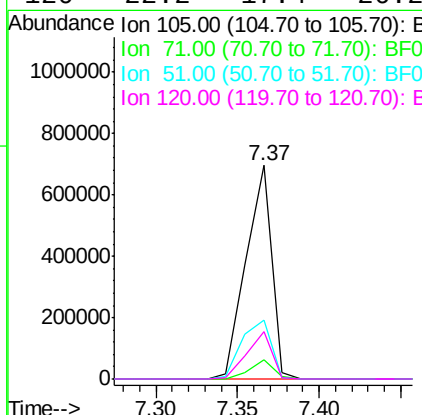
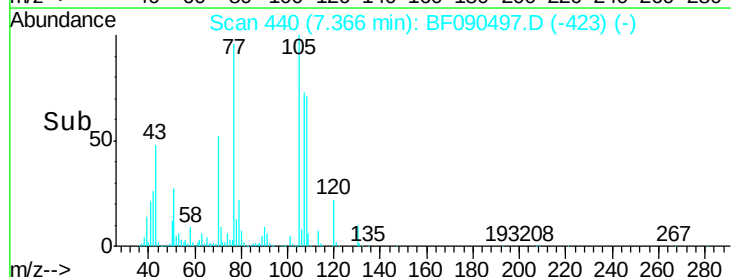
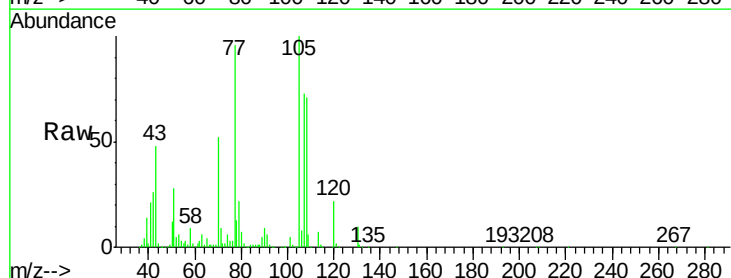
Manual Integrations
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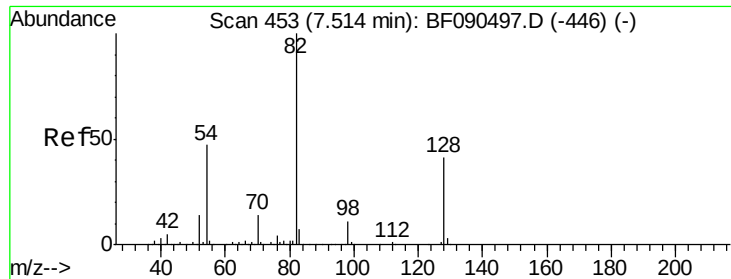
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#22
Acetophenone
Concen: 38.24 ng
RT: 7.37 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF090497.D
Acq: 11 Oct 2016 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	758902		
71	8.9		3.8	5.6#
51	27.5		28.2	42.4#
120	22.2		17.4	26.2





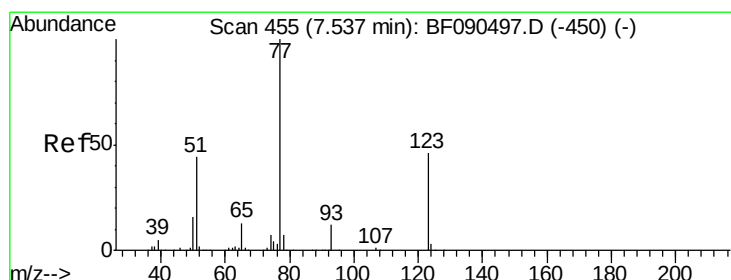
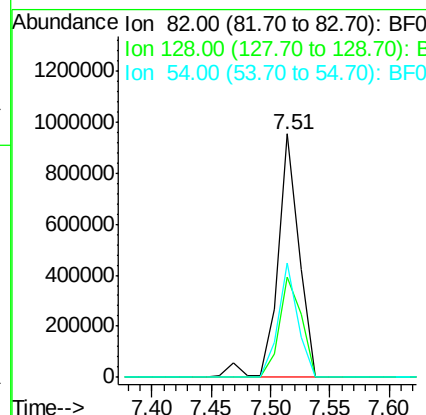
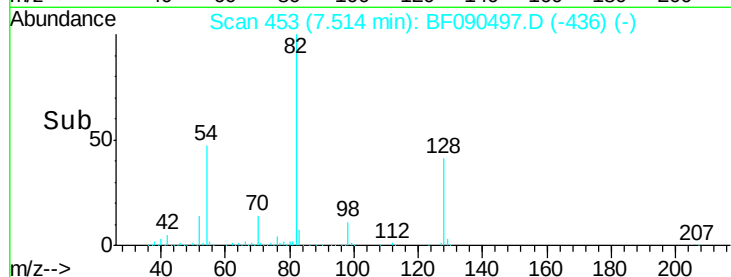
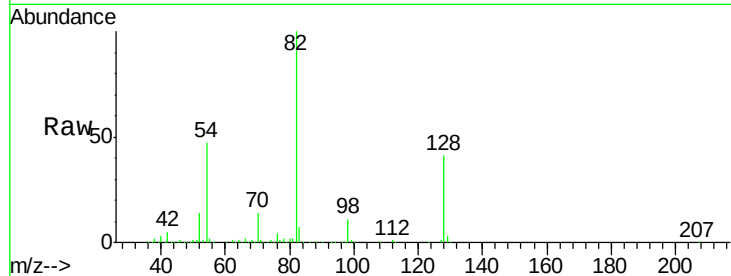
#23
 Nitrobenzene-d5
 Concen: 68.55 ng
 RT: 7.51 min Scan# 453
 Delta R.T. 0.00 min
 Lab File: BF090497.D
 Acq: 11 Oct 2016 12:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.2	40.0	60.0
54	46.9	42.6	64.0

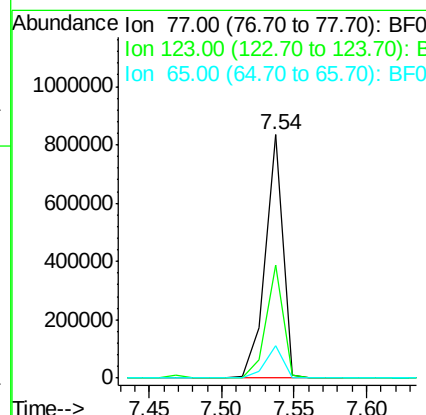
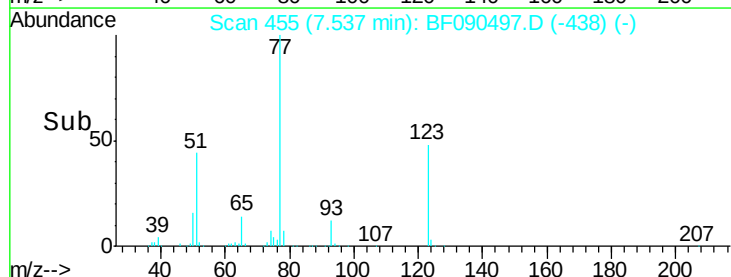
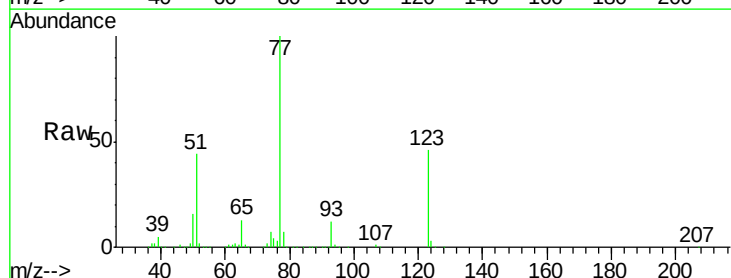
Manual Integrations
 APPROVED

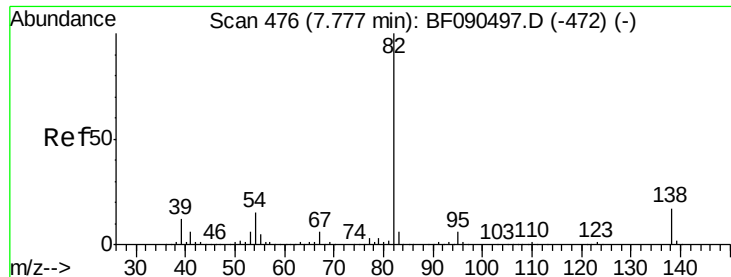
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#24
 Nitrobenzene
 Concen: 41.18 ng
 RT: 7.54 min Scan# 455
 Delta R.T. 0.00 min
 Lab File: BF090497.D
 Acq: 11 Oct 2016 12:20

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.3	33.0	49.4
65	13.3	12.0	18.0





#25

Isophorone

Concen: 34.72 ng

RT: 7.78 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF090497.D

Acq: 11 Oct 2016 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion: 82 Resp: 1093272

Ion Ratio Lower Upper

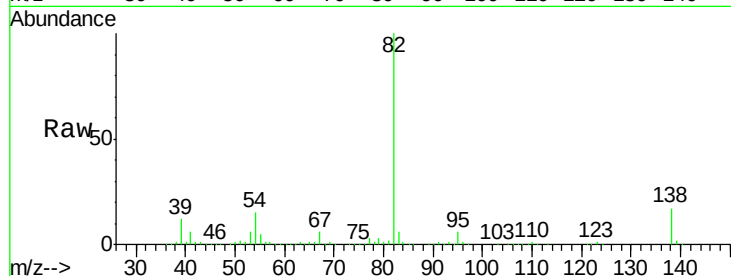
82 100

95 6.4 5.2 7.8

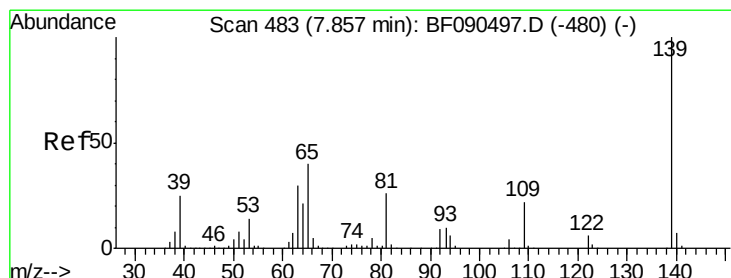
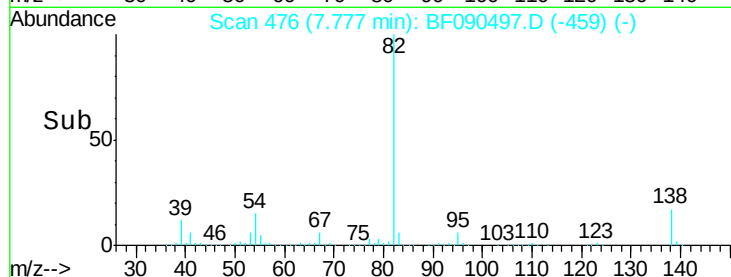
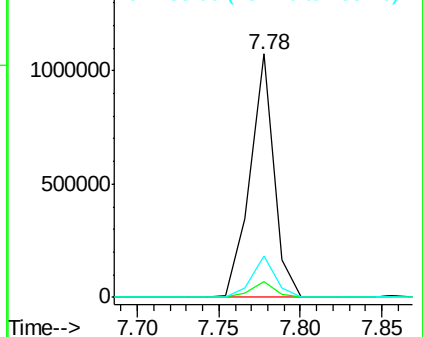
138 16.8 13.0 19.4

Manual Integrations
APPROVED

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



#26

2-Nitrophenol

Concen: 44.50 ng

RT: 7.86 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF090497.D

Acq: 11 Oct 2016 12:20

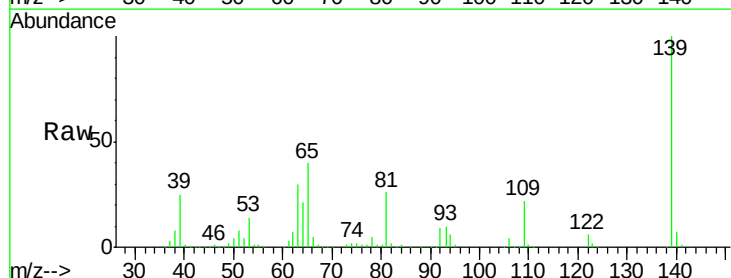
Tgt Ion: 139 Resp: 327473

Ion Ratio Lower Upper

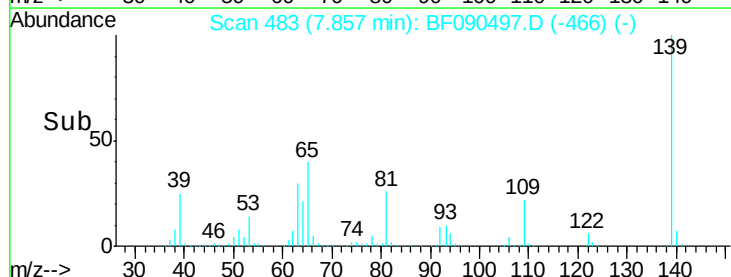
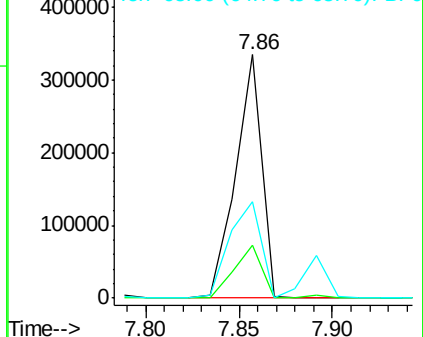
139 100

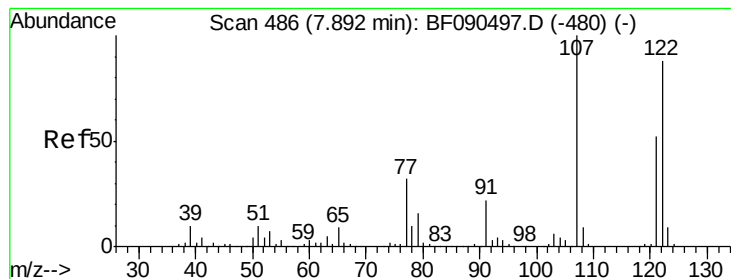
109 21.9 18.9 28.3

65 39.5 31.6 47.4



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





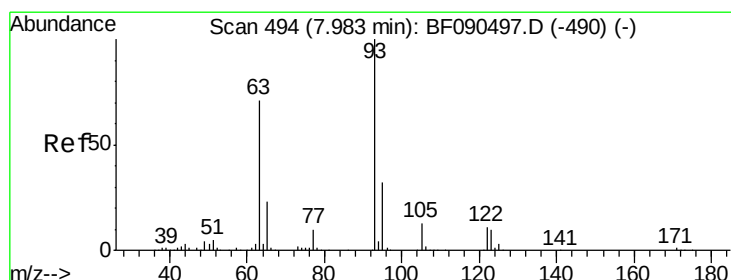
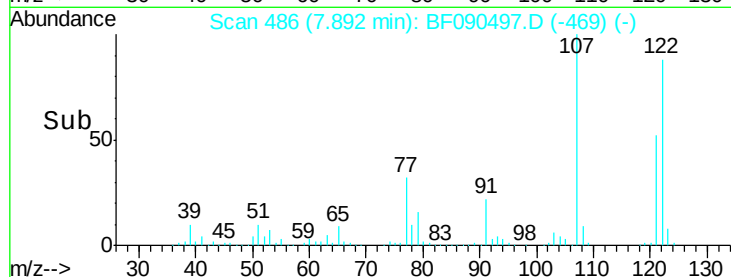
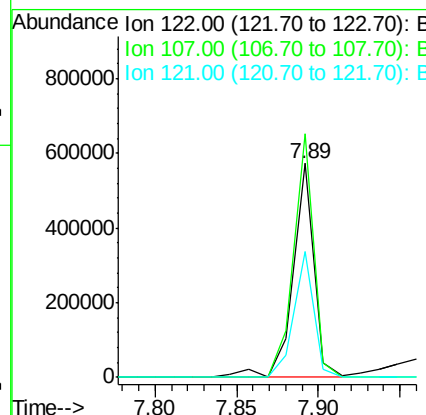
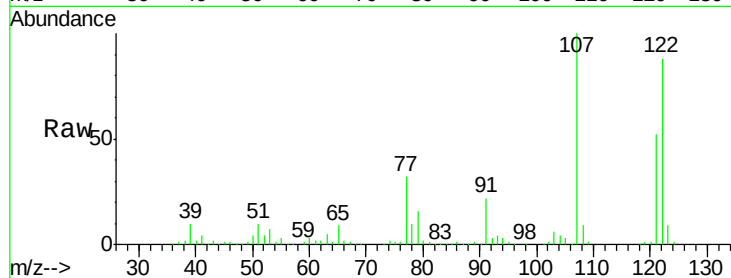
#27
 2,4-Dimethylphenol
 Concen: 36.14 ng
 RT: 7.89 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF090497.D
 Acq: 11 Oct 2016 12:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	517192		
107	113.7	88.6	132.8	
121	58.7	47.5	71.3	

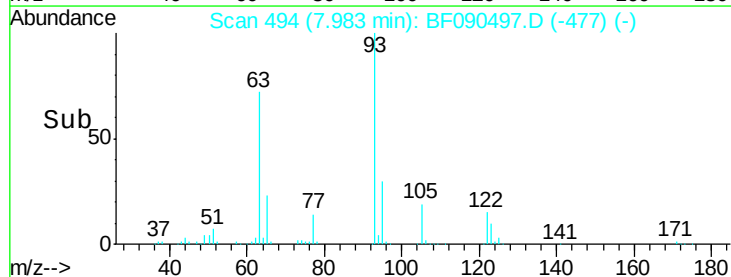
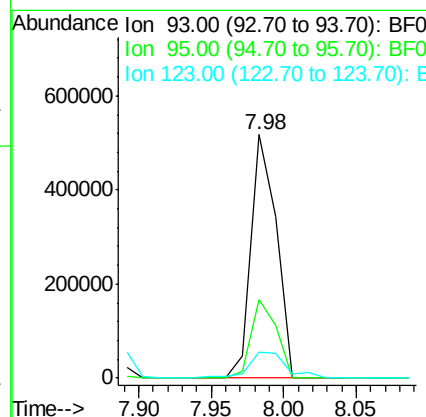
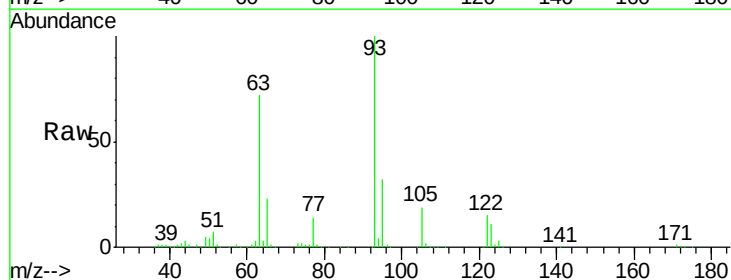
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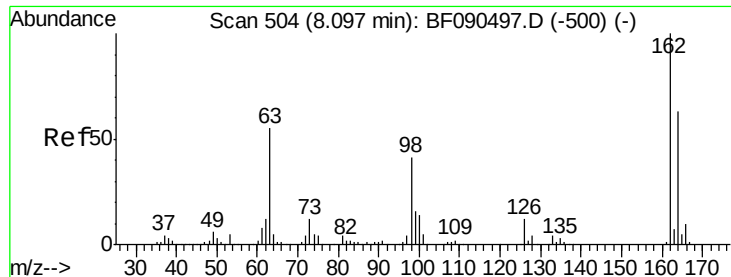
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#28
 bis(2-Chloroethoxy)methane
 Concen: 33.59 ng
 RT: 7.98 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: BF090497.D
 Acq: 11 Oct 2016 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	625510		
95	32.3	27.0	40.4	
123	10.6	11.1	16.7	





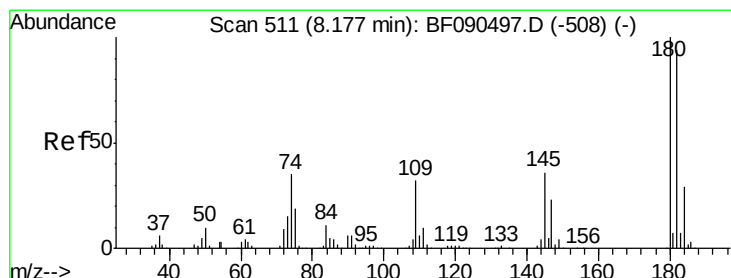
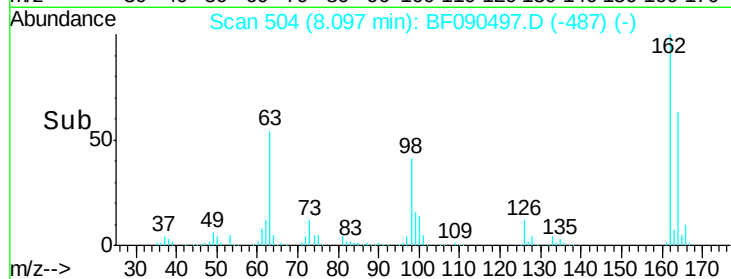
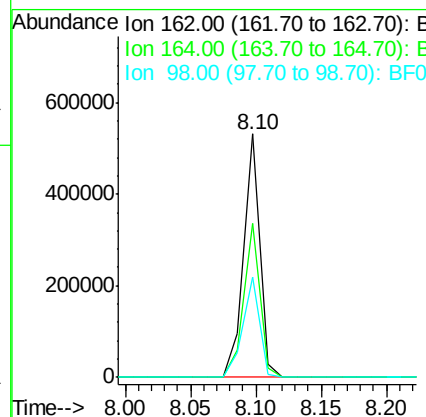
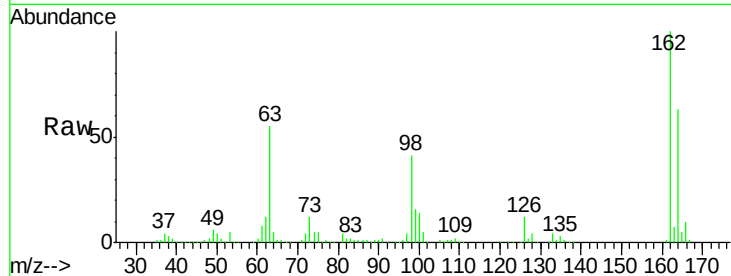
#29
 2,4-Dichlorophenol
 Concen: 41.61 ng
 RT: 8.10 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF090497.D
 Acq: 11 Oct 2016 12:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	452723		
164	63.1	45.7	85.7	
98	41.1	13.3	53.3	

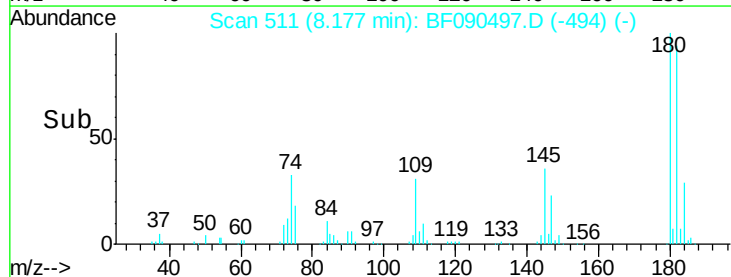
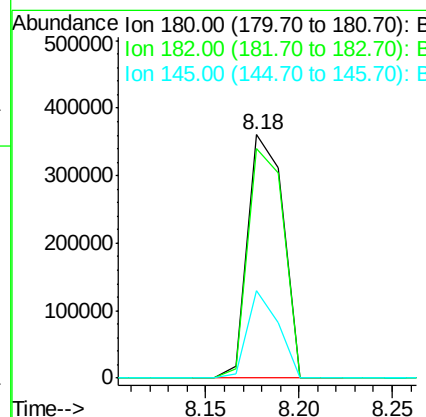
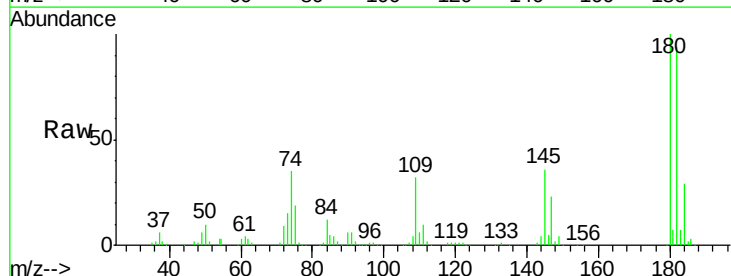
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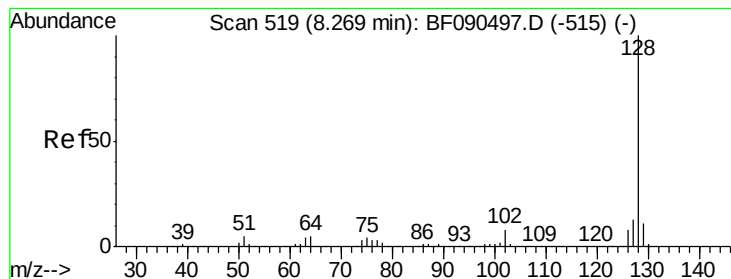
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.19 ng
 RT: 8.18 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF090497.D
 Acq: 11 Oct 2016 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	473106		
182	94.2	75.3	112.9	
145	36.2	27.7	41.5	





#31

Naphthalene

Concen: 40.73 ng

RT: 8.27 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF090497.D

Acq: 11 Oct 2016 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:128 Resp: 1646255

Ion Ratio Lower Upper

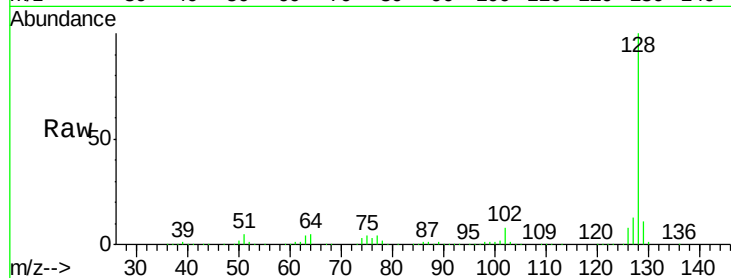
128 100

129 10.9 9.7 14.5

127 13.5 11.7 17.5

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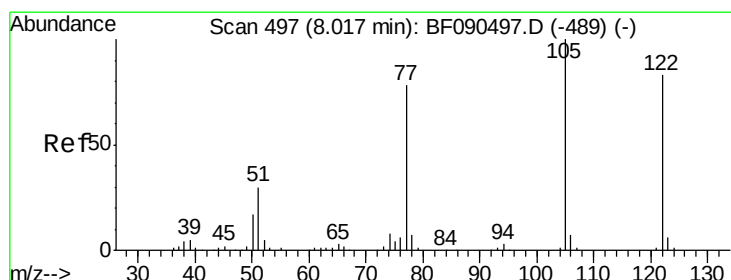
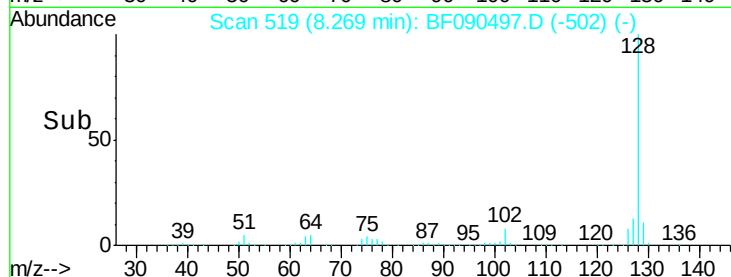
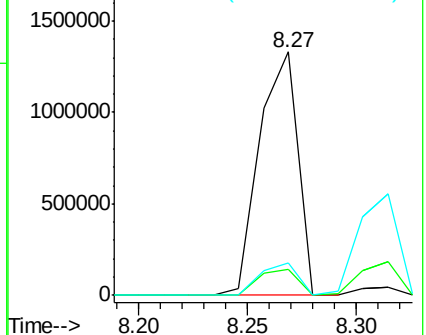
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 44.02 ng

RT: 8.02 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF090497.D

Acq: 11 Oct 2016 12:20

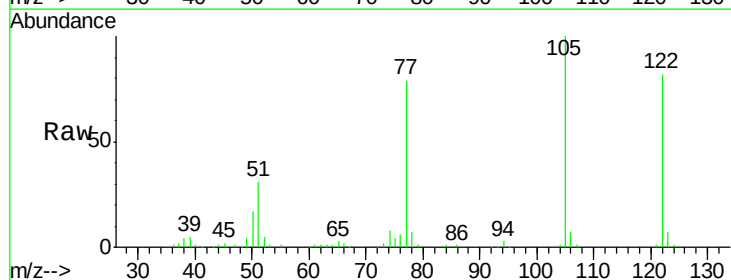
Tgt Ion:122 Resp: 438017

Ion Ratio Lower Upper

122 100

105 121.5 103.9 143.9

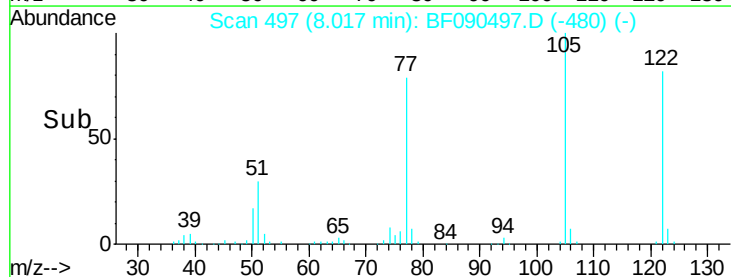
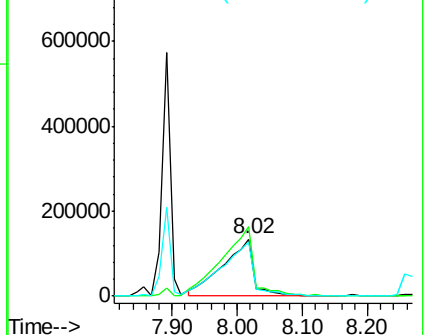
77 95.4 74.6 114.6

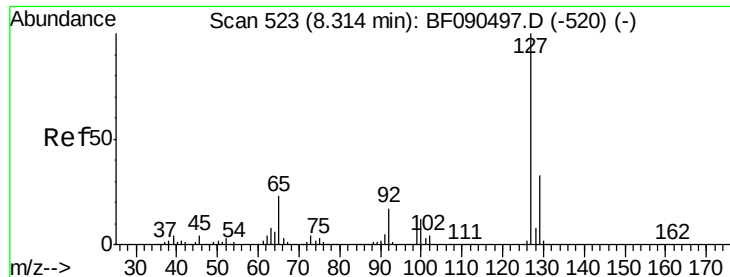


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





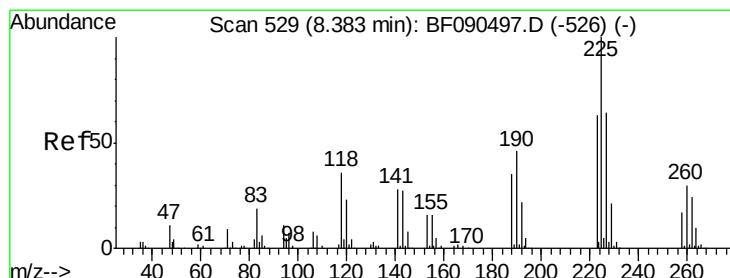
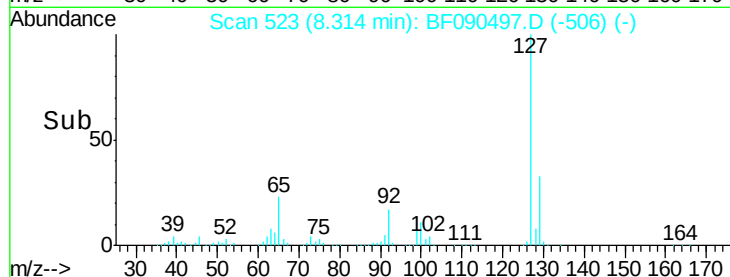
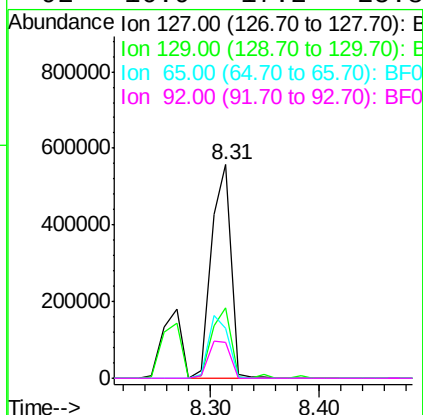
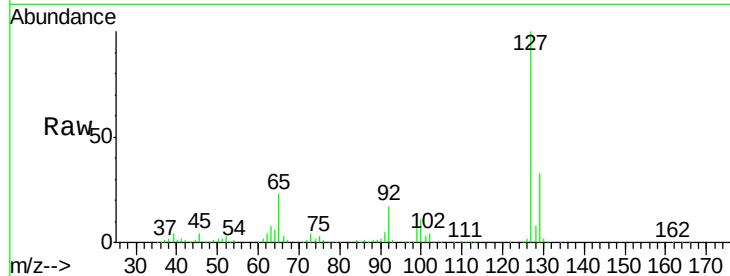
#33
4-Chloroaniline
Concen: 41.97 ng
RT: 8.31 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF090497.D
Acq: 11 Oct 2016 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	26.2	39.4		
65	23.4	32.5	48.7		
92	16.9	17.2	25.8		

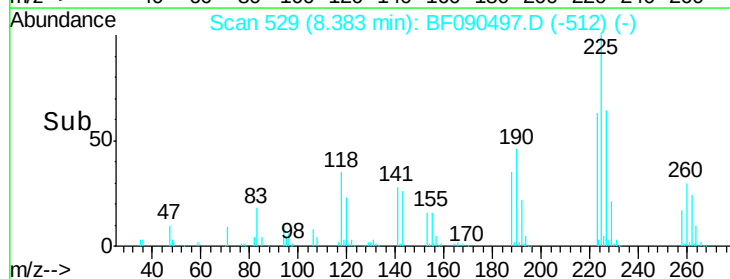
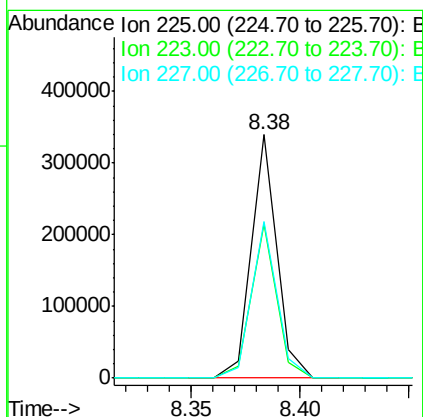
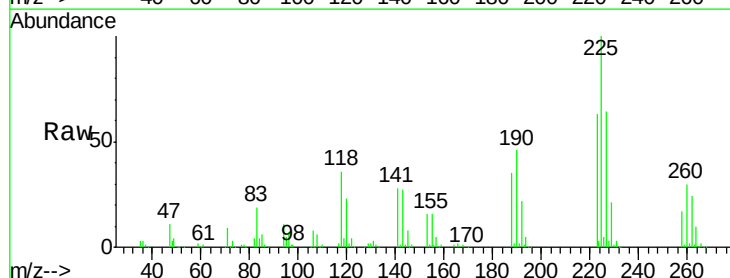
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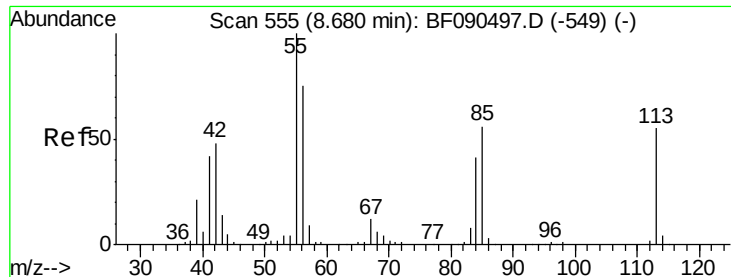
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#34
Hexachlorobutadiene
Concen: 44.12 ng
RT: 8.38 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF090497.D
Acq: 11 Oct 2016 12:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.4	51.0	76.4		
227	64.2	50.8	76.2		





#35

Caprolactam

Concen: 38.15 ng

RT: 8.68 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF090497.D

Acq: 11 Oct 2016 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:113 Resp: 139576

Ion Ratio Lower Upper

113 100

55 181.0 203.3 243.3#

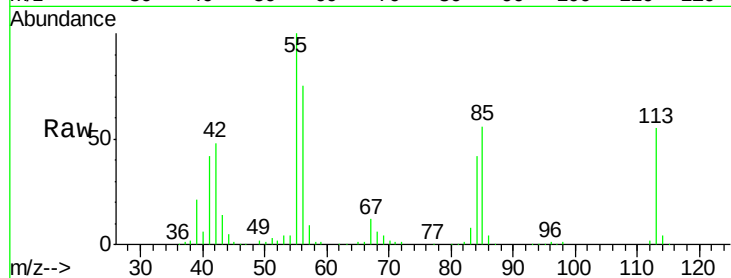
56 136.1 140.5 180.5#

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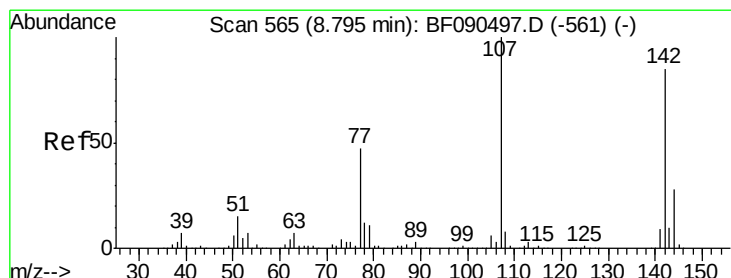
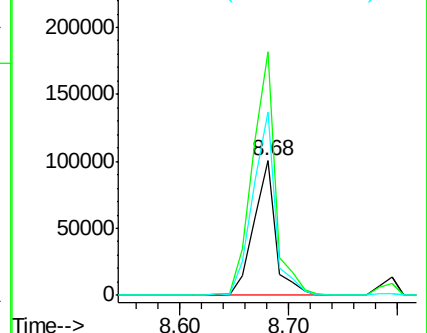
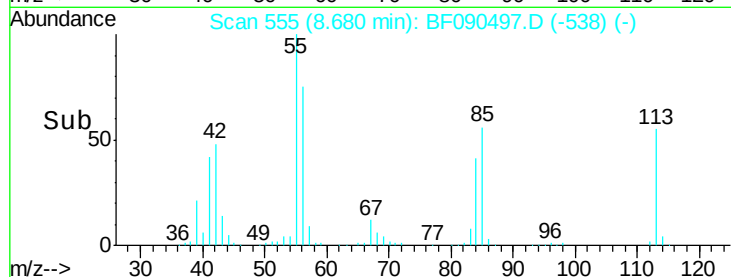
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 38.49 ng

RT: 8.79 min Scan# 565

Delta R.T. 0.00 min

Lab File: BF090497.D

Acq: 11 Oct 2016 12:20

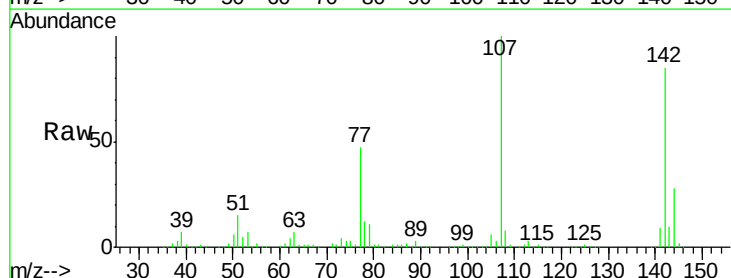
Tgt Ion:107 Resp: 524392

Ion Ratio Lower Upper

107 100

144 28.3 19.8 29.8

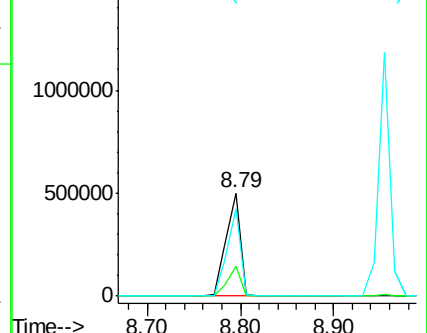
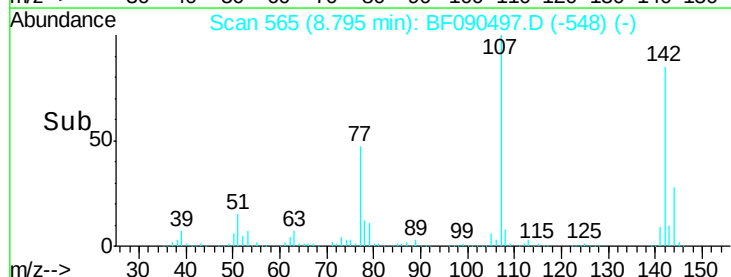
142 85.2 60.7 91.1

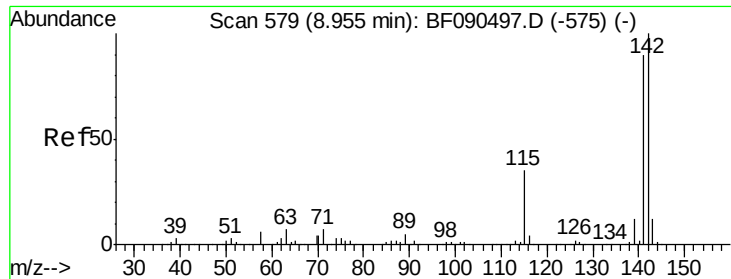


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





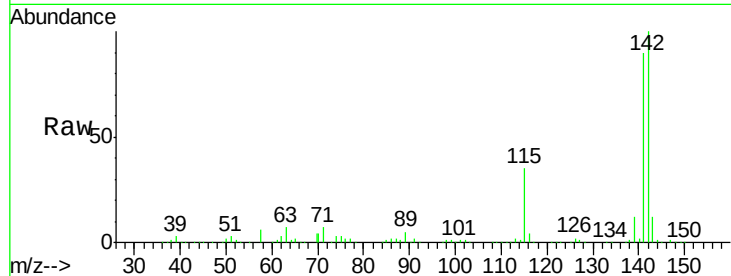
#37
2-Methylnaphthalene
Concen: 41.16 ng
RT: 8.95 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF090497.D
Acq: 11 Oct 2016 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

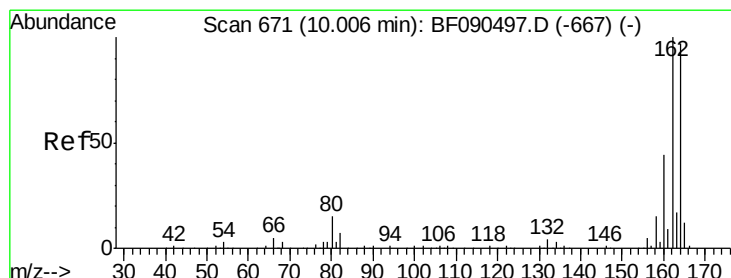
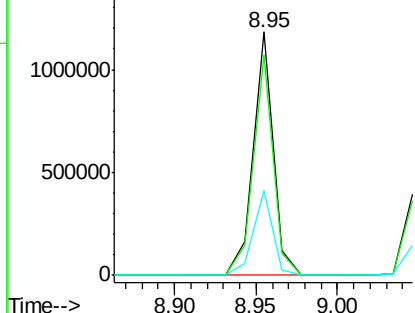
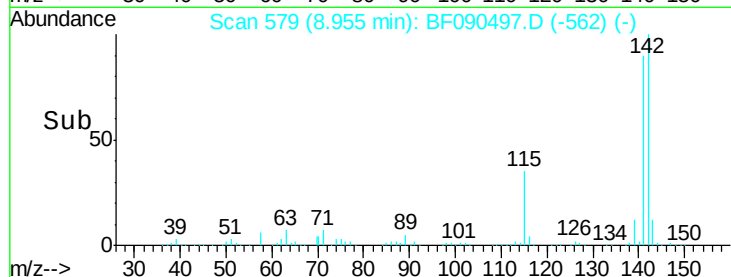
Tot Ion:142 Resp: 1007006
Ion Ratio Lower Upper
142 100
141 90.4 71.8 107.8
115 34.7 28.8 43.2

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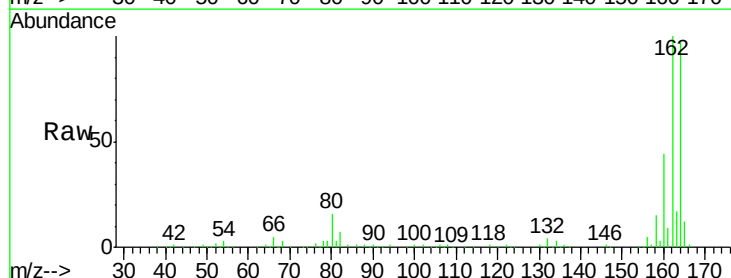


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

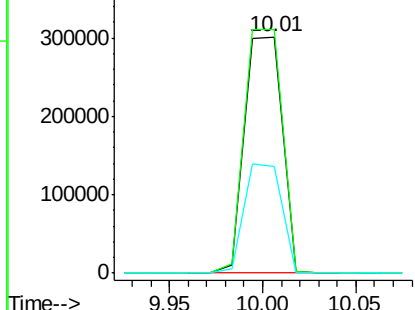
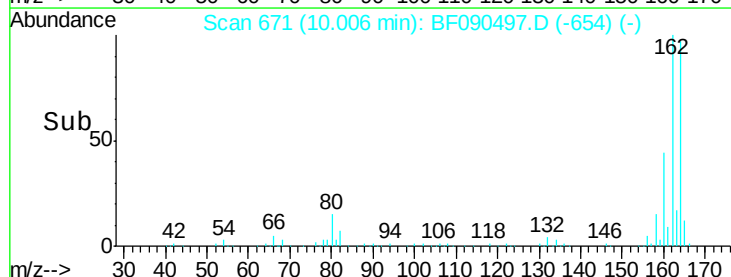


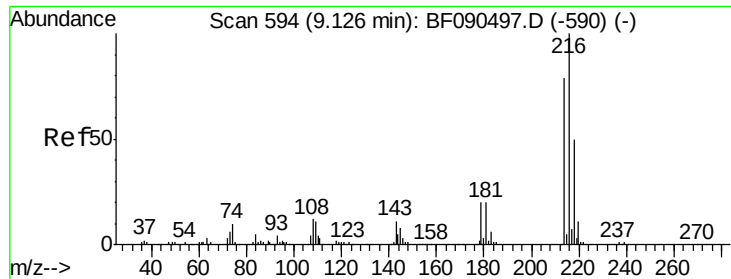
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF090497.D
Acq: 11 Oct 2016 12:20

Tgt Ion:164 Resp: 420096
Ion Ratio Lower Upper
164 100
162 103.0 80.1 120.1
160 45.4 36.3 54.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.42 ng

RT: 9.13 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF090497.D

Acq: 11 Oct 2016 12:20

Instrument :

BNA_F

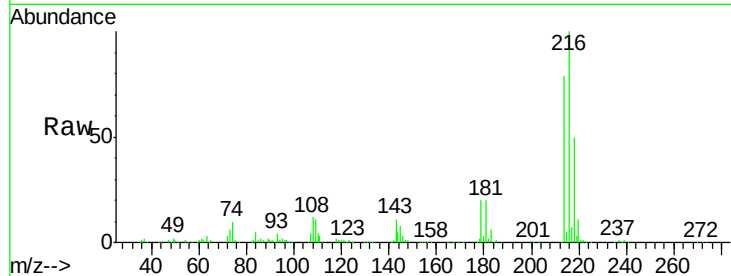
ClientSampleId :

SSTDICCC040

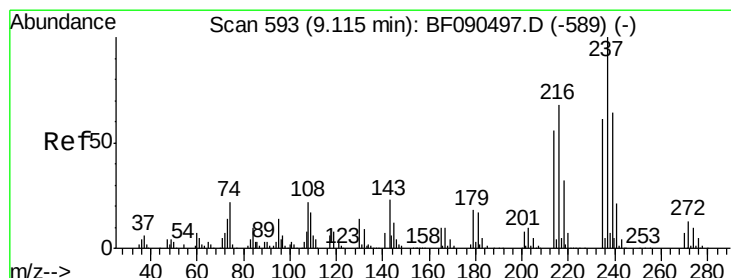
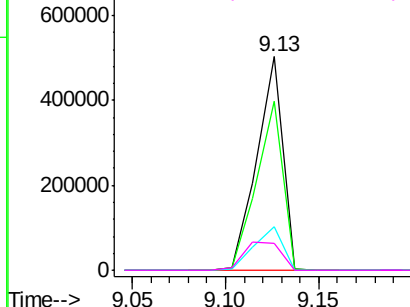
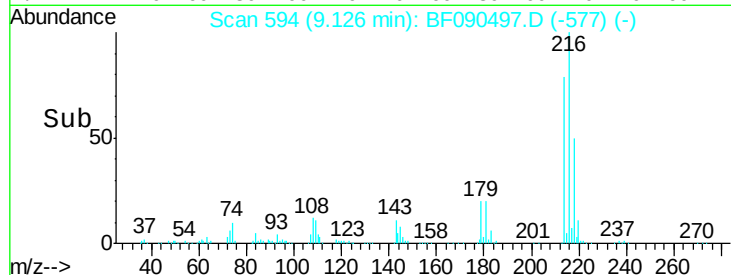
Tot Ion	Ratio	Resp	Lower	Upper
216	100	491987		
214	80.2	64.2	96.2	
179	22.0	18.0	27.0	
108	19.0	15.2	22.8	

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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: 41.92 ng

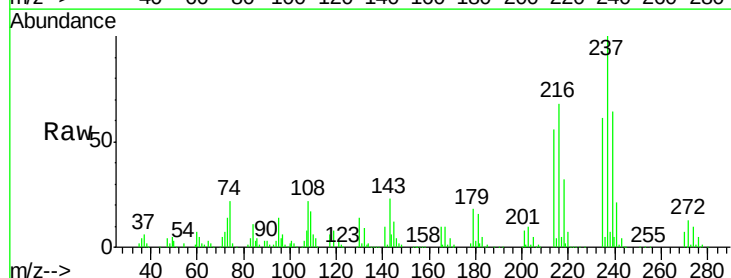
RT: 9.11 min Scan# 593

Delta R.T. 0.00 min

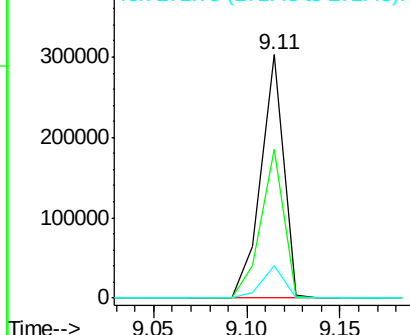
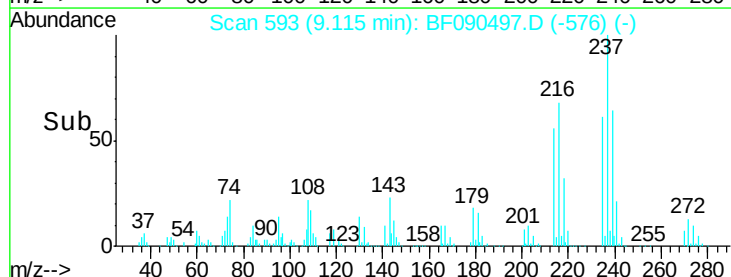
Lab File: BF090497.D

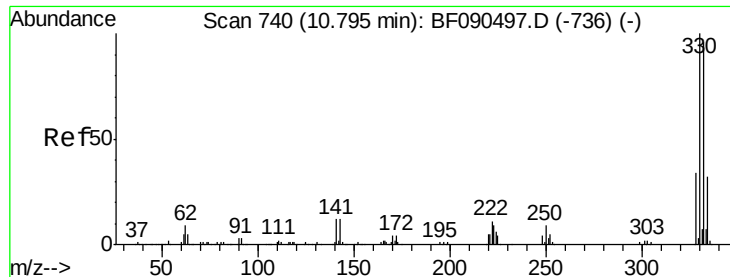
Acq: 11 Oct 2016 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	254509		
235	61.1	43.6	83.6	
272	13.2	0.0	32.7	



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





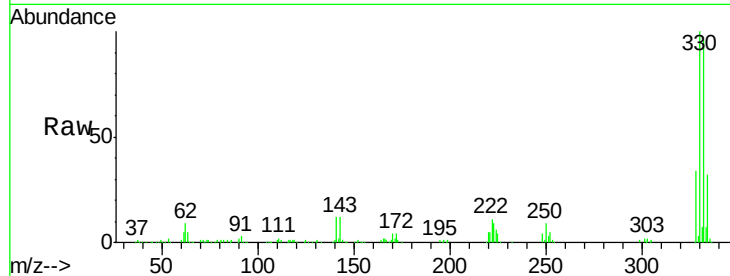
#41
 2,4,6-Tribromophenol
 Concen: 108.18 ng
 RT: 10.79 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF090497.D
 Acq: 11 Oct 2016 12:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

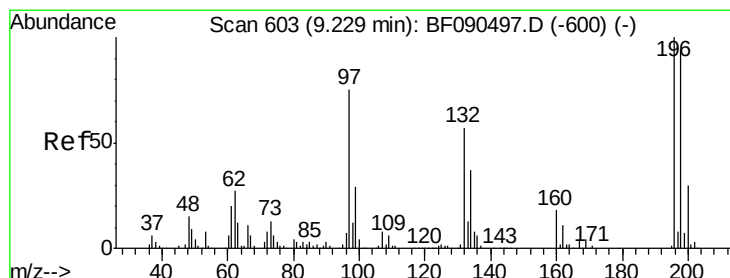
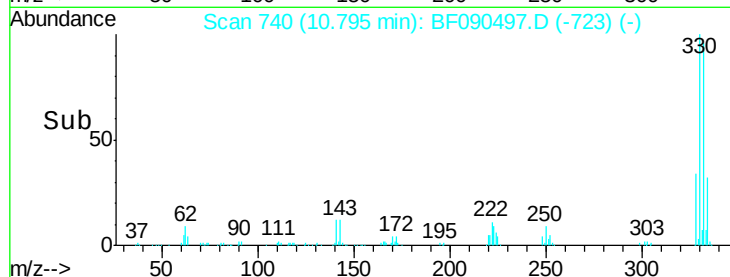
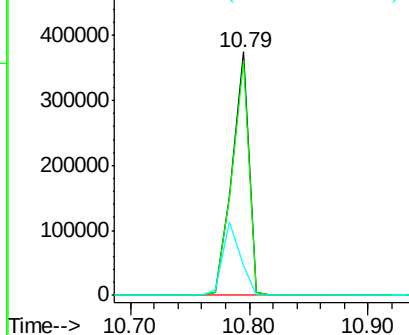
Tot Ion	Ratio	Resp	Lower	Upper
330	100	369540		
332	96.8	75.4	113.0	
141	31.3	26.9	40.3	

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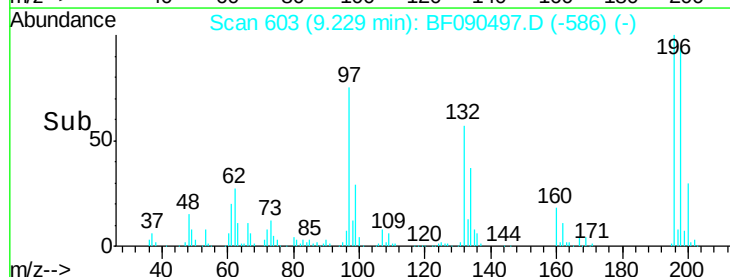
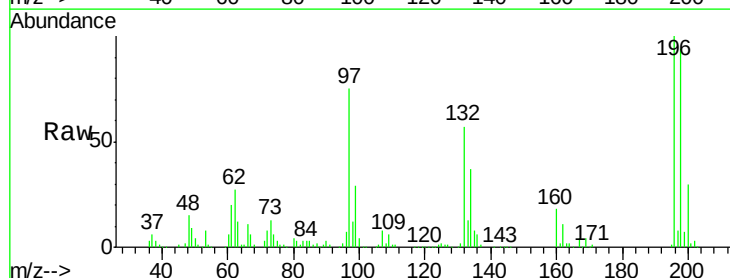
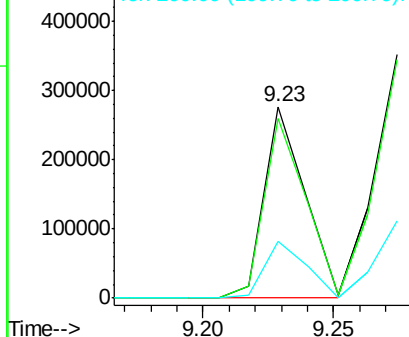
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

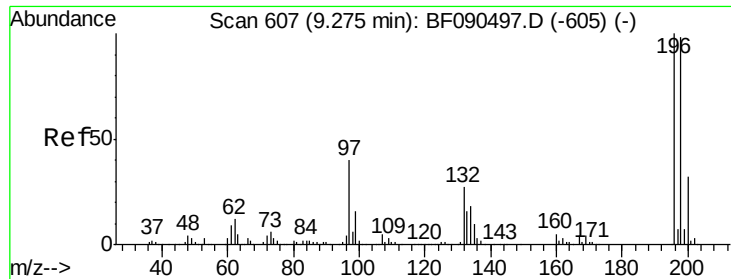


#42
 2,4,6-Trichlorophenol
 Concen: 38.91 ng
 RT: 9.23 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF090497.D
 Acq: 11 Oct 2016 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	297387		
198	93.6	78.9	118.3	
200	29.7	25.4	38.2	

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





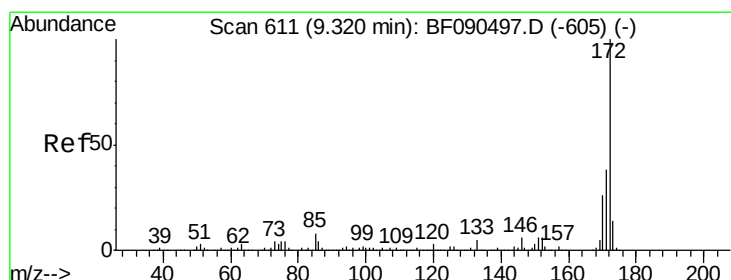
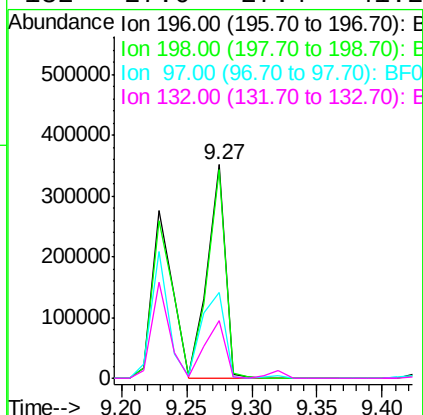
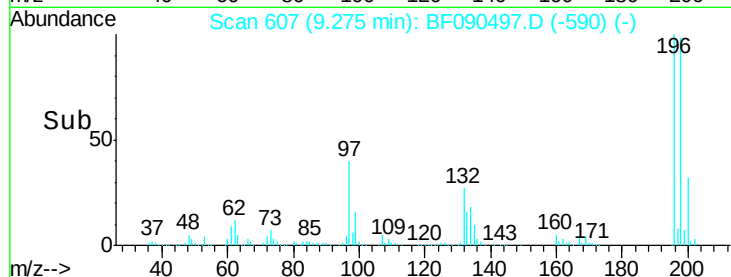
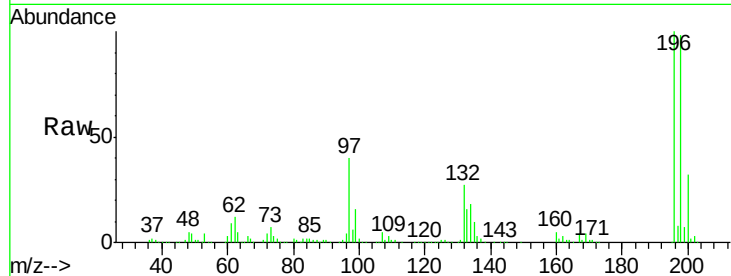
#43
2,4,5-Trichlorophenol
Concen: 46.84 ng
RT: 9.27 min Scan# 607
Delta R.T. 0.00 min
Lab File: BF090497.D
Acq: 11 Oct 2016 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	338508		
198	97.7	78.1	117.1	
97	40.4	48.1	72.1	#
132	27.0	27.4	41.2	#

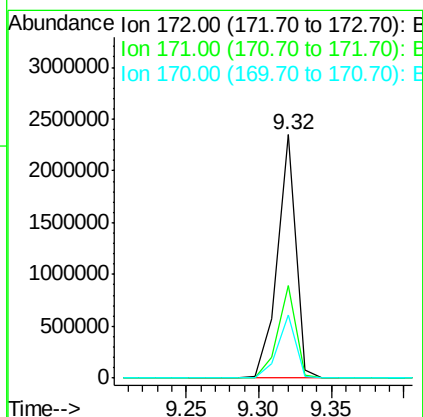
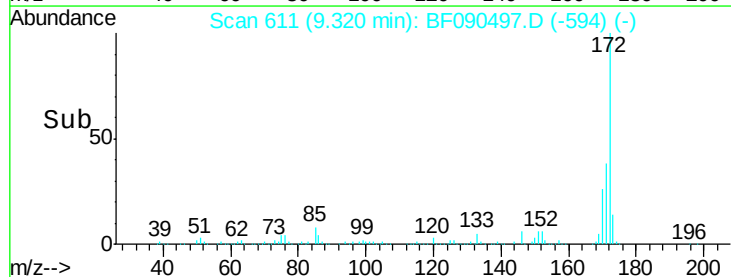
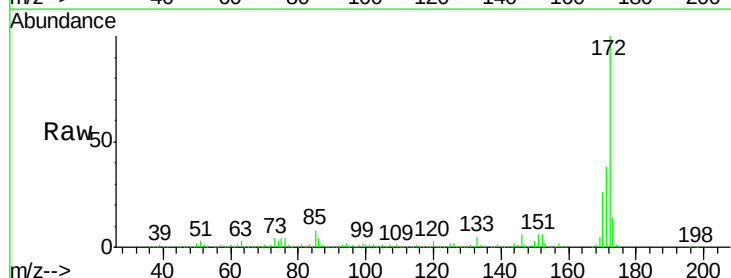
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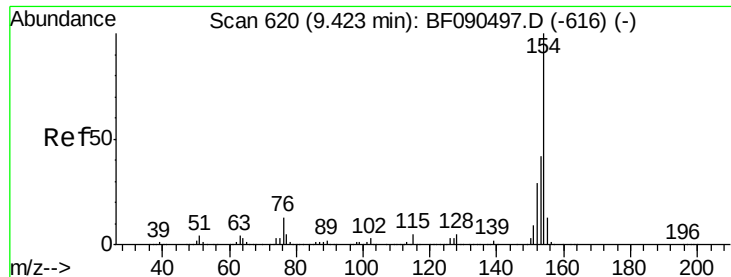
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#44
2-Fluorobiphenyl
Concen: 82.03 ng
RT: 9.32 min Scan# 611
Delta R.T. 0.00 min
Lab File: BF090497.D
Acq: 11 Oct 2016 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2068187		
171	38.1	31.8	47.8	
170	25.9	21.7	32.5	





#45

1,1'-Biphenyl

Concen: 45.05 ng

RT: 9.42 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF090497.D

Acq: 11 Oct 2016 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:154 Resp: 1402265

Ion Ratio Lower Upper

154 100

153 41.9 23.8 63.8

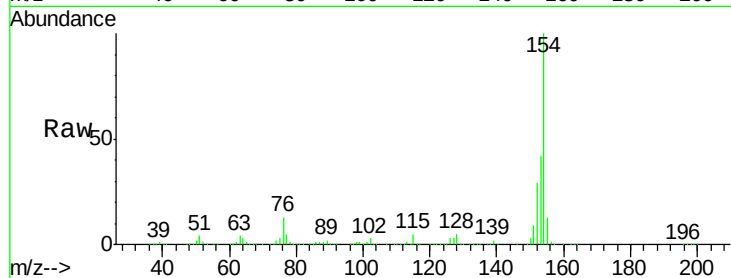
76 12.9 0.0 35.8

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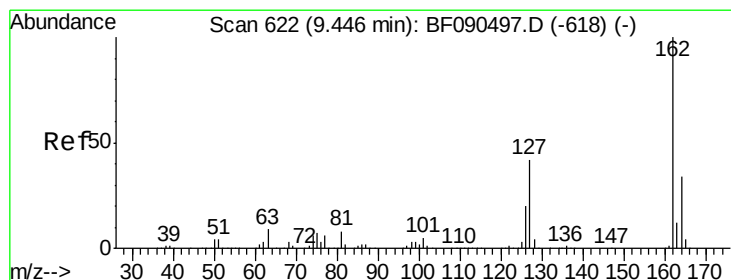
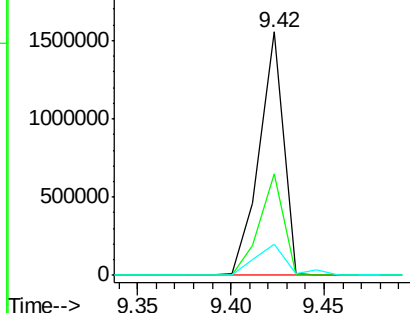
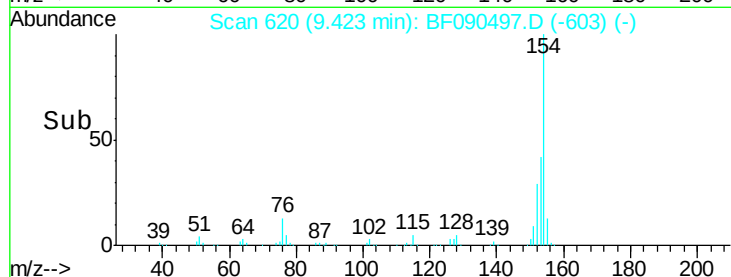
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 44.44 ng

RT: 9.45 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF090497.D

Acq: 11 Oct 2016 12:20

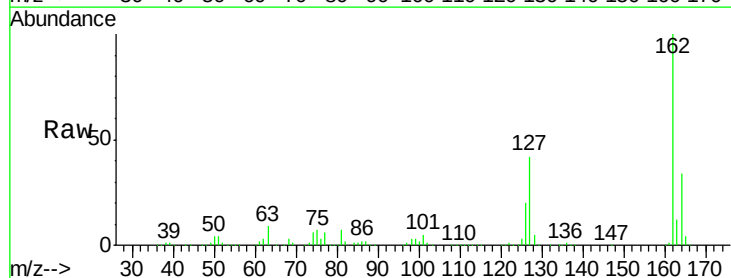
Tgt Ion:162 Resp: 1022258

Ion Ratio Lower Upper

162 100

127 41.8 35.6 53.4

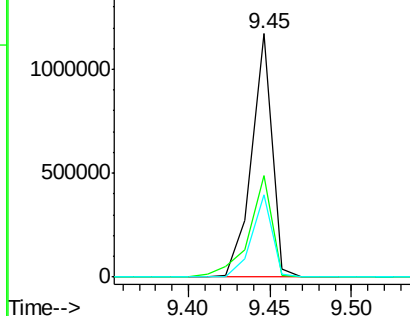
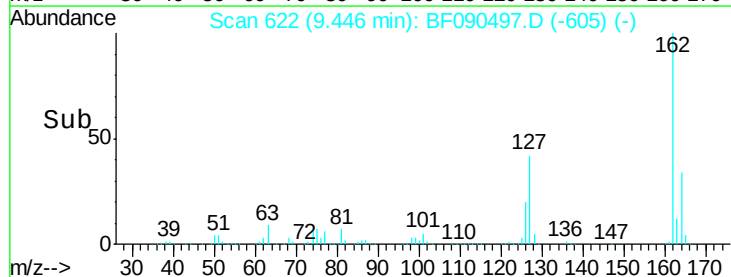
164 33.9 27.5 41.3

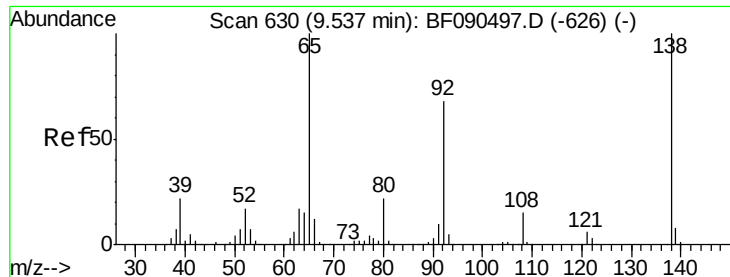


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





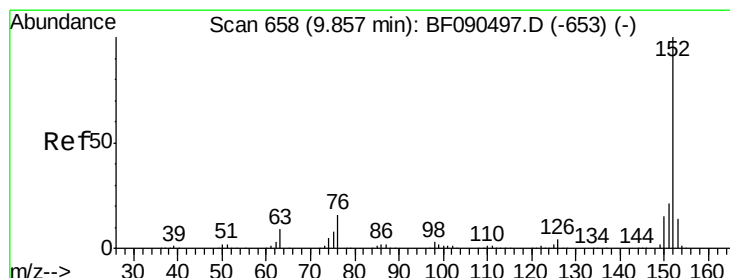
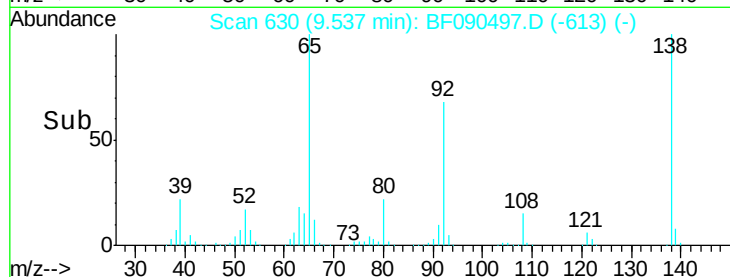
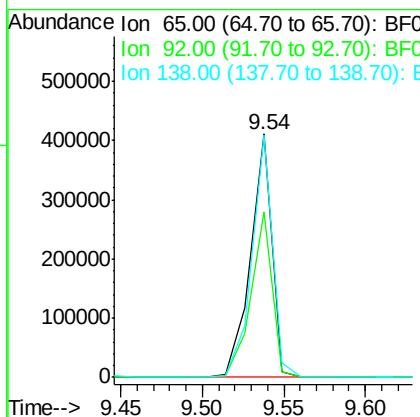
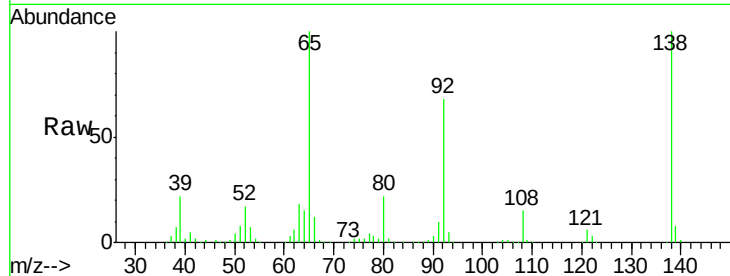
#47
2-Nitroaniline
Concen: 41.05 ng
RT: 9.54 min Scan# 630
Delta R.T. 0.00 min
Lab File: BF090497.D
Acq: 11 Oct 2016 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.8	51.7	77.5
138	99.7	79.0	118.4

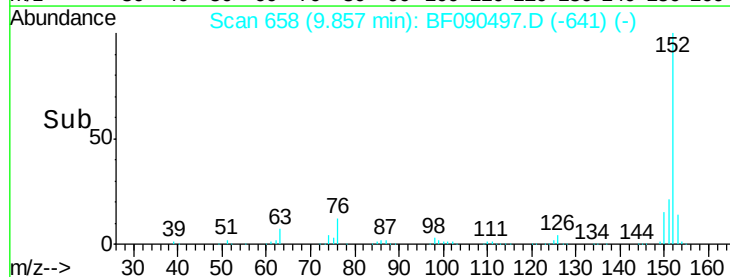
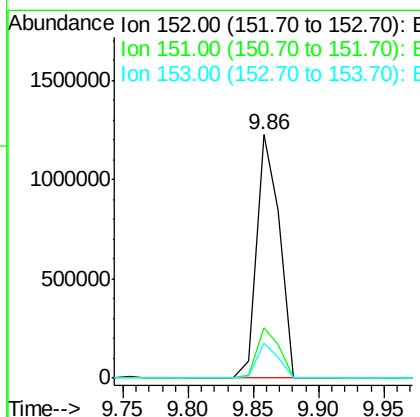
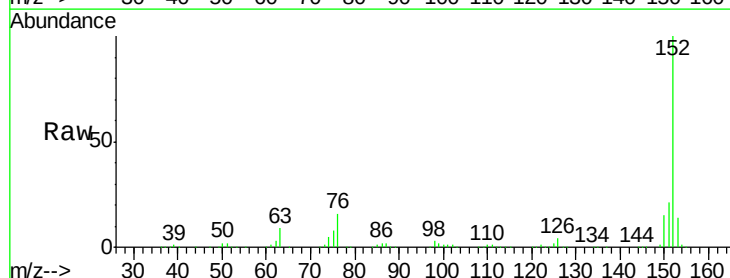
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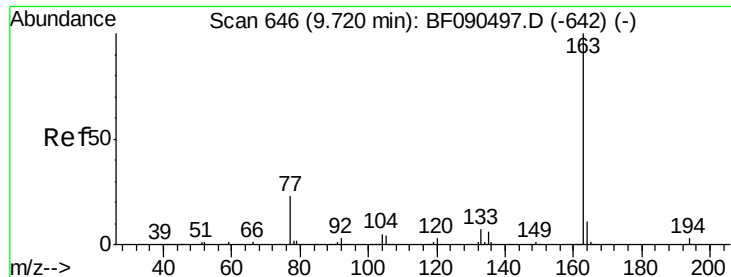
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#48
Acenaphthylene
Concen: 39.10 ng
RT: 9.86 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF090497.D
Acq: 11 Oct 2016 12:20

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	17.4	26.0
153	14.2	11.6	17.4





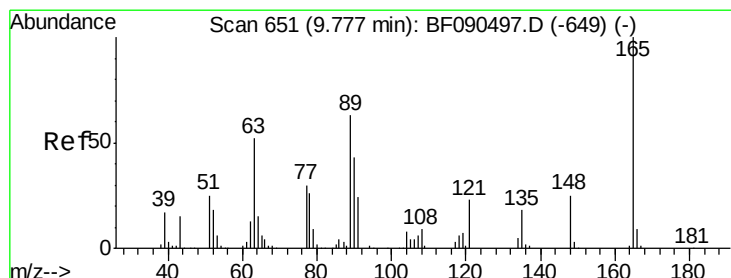
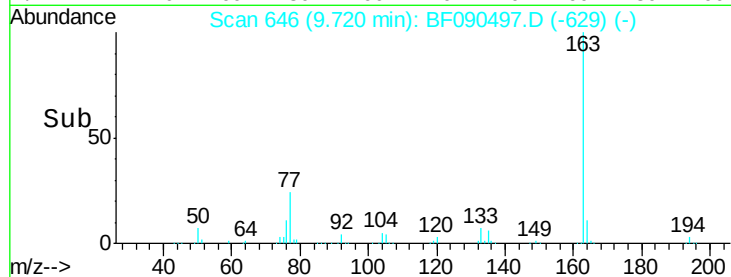
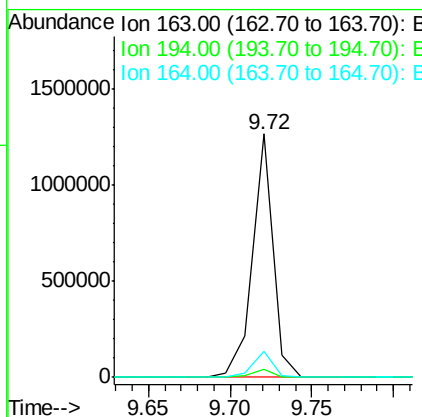
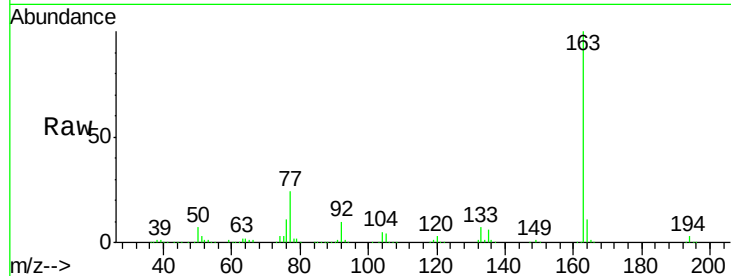
#49
Dimethylphthalate
Concen: 41.19 ng
RT: 9.72 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF090497.D
Acq: 11 Oct 2016 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:163 Resp: 1108275
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 10.7 9.0 13.4

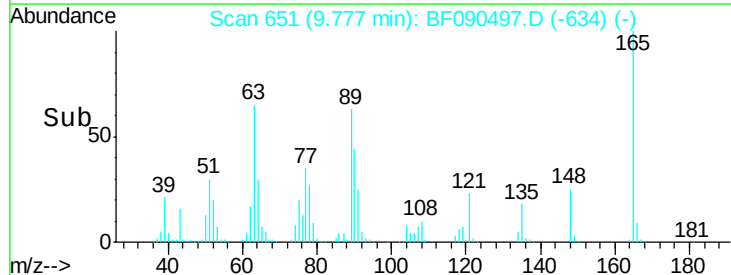
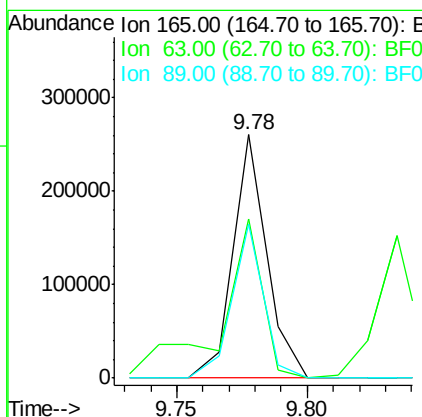
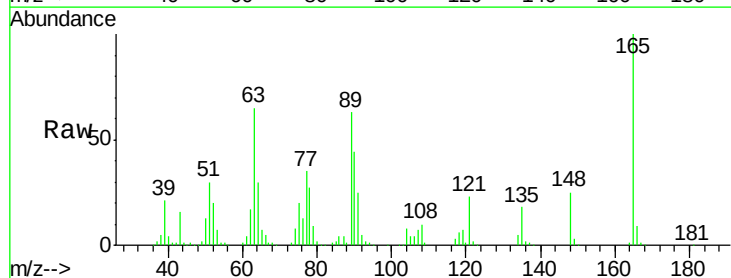
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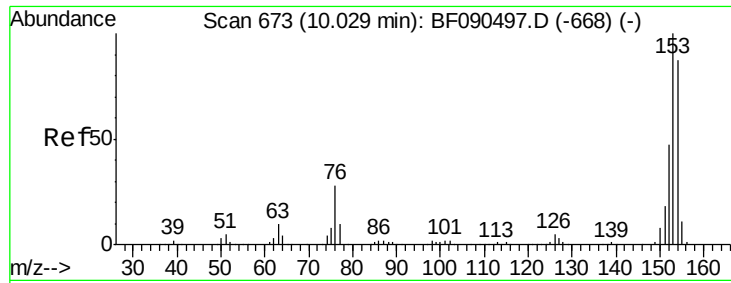
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#50
2,6-Dinitrotoluene
Concen: 39.44 ng
RT: 9.78 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF090497.D
Acq: 11 Oct 2016 12:20

Tgt Ion:165 Resp: 235570
Ion Ratio Lower Upper
165 100
63 65.5 58.0 87.0
89 63.4 51.2 76.8





#51

Acenaphthene

Concen: 43.18 ng

RT: 10.03 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF090497.D

Acq: 11 Oct 2016 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:154 Resp: 1021763

Ion Ratio Lower Upper

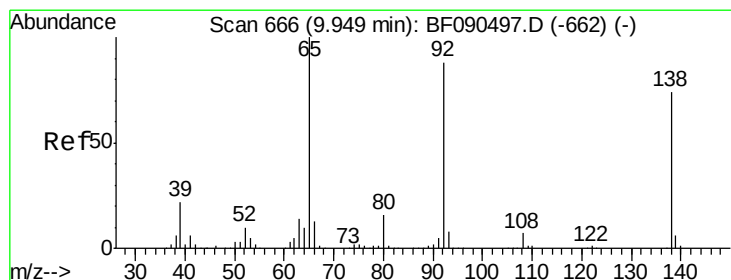
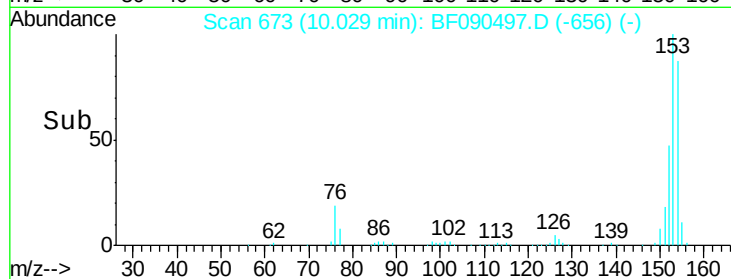
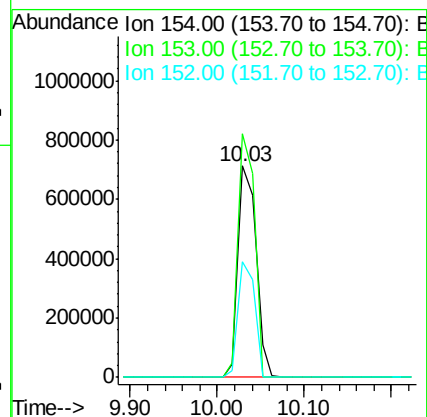
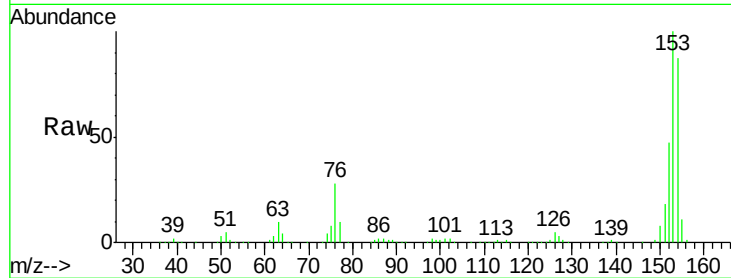
154 100

153 115.2 88.6 133.0

152 54.5 42.6 64.0

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#52

3-Nitroaniline

Concen: 44.68 ng

RT: 9.95 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF090497.D

Acq: 11 Oct 2016 12:20

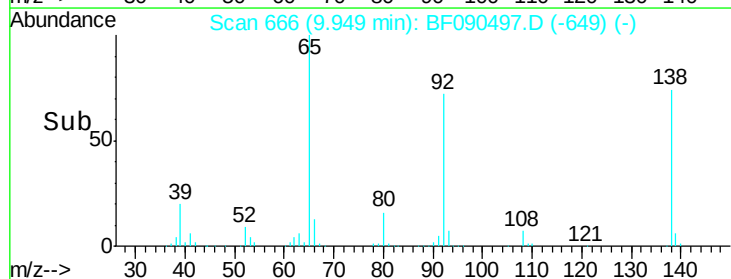
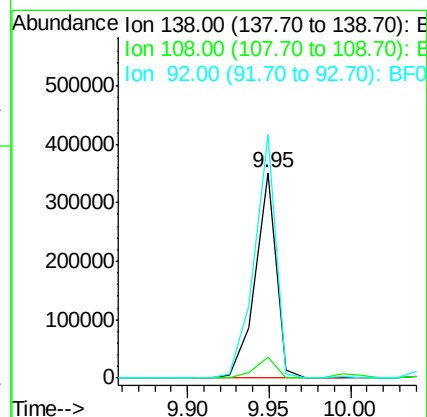
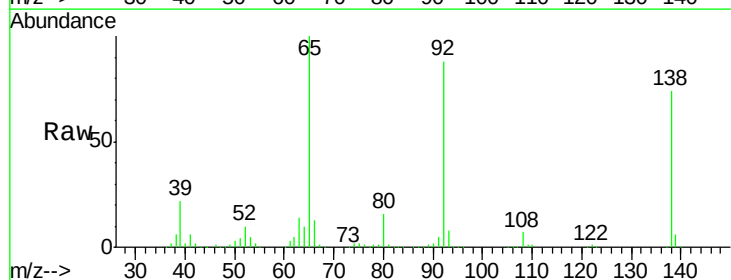
Tgt Ion:138 Resp: 311745

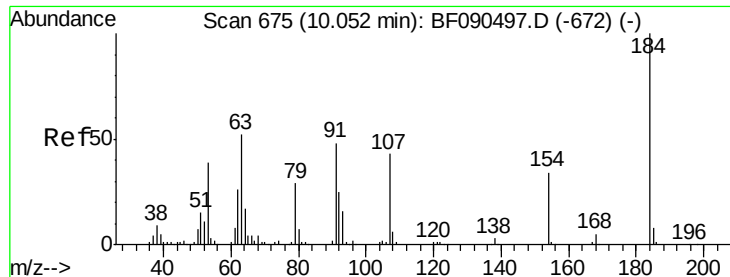
Ion Ratio Lower Upper

138 100

108 10.0 9.7 14.5

92 118.6 97.1 145.7





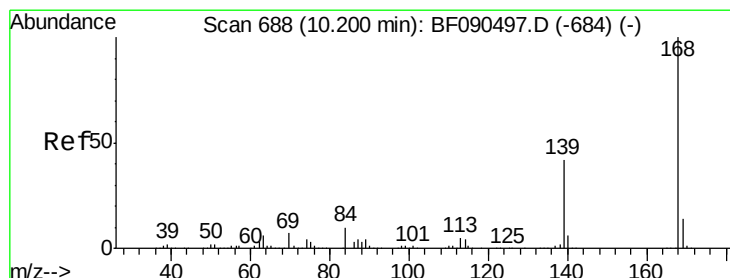
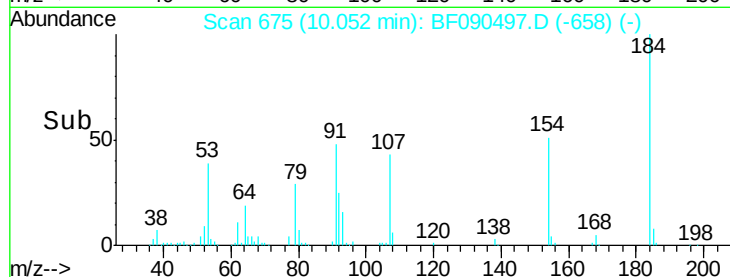
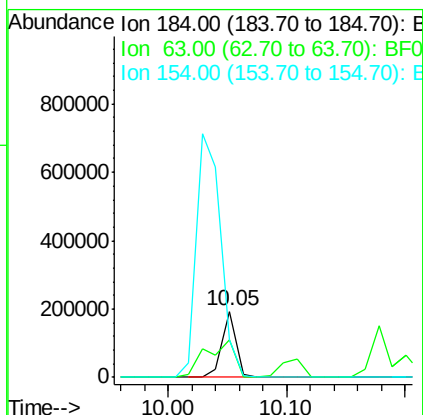
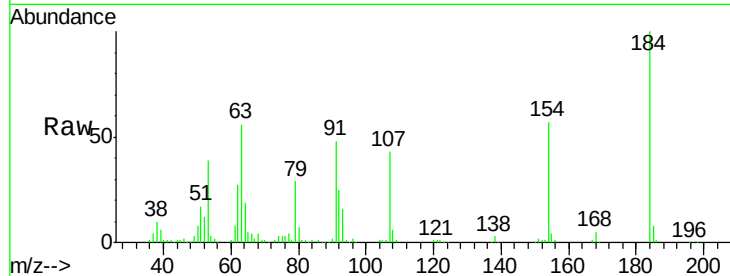
#53
2,4-Dinitrophenol
Concen: 59.28 ng
RT: 10.05 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF090497.D
Acq: 11 Oct 2016 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100	157883		
63	56.3	41.9	62.9	
154	56.7	48.9	73.3	

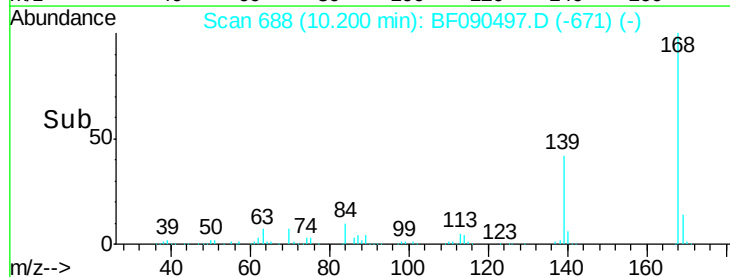
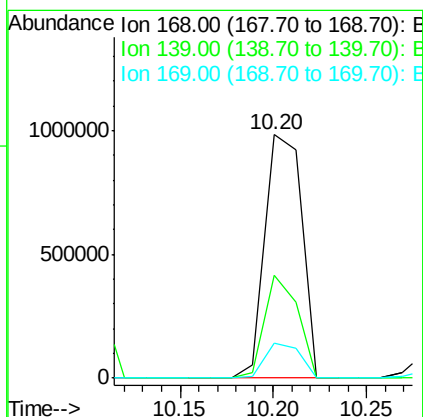
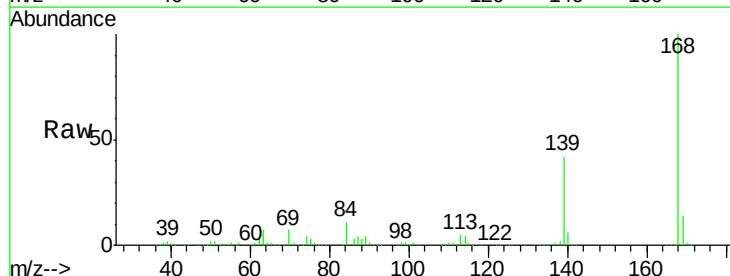
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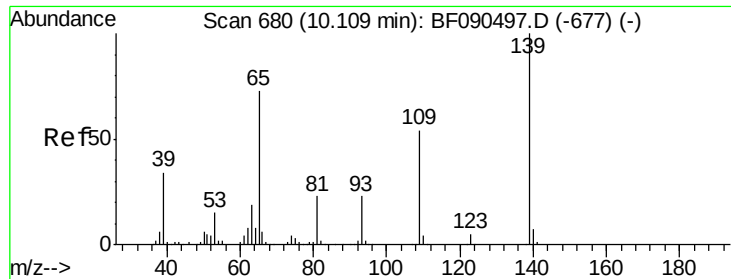
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#54
Dibenzofuran
Concen: 43.98 ng
RT: 10.20 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF090497.D
Acq: 11 Oct 2016 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1347081		
139	42.5	29.6	44.4	
169	14.3	11.3	16.9	





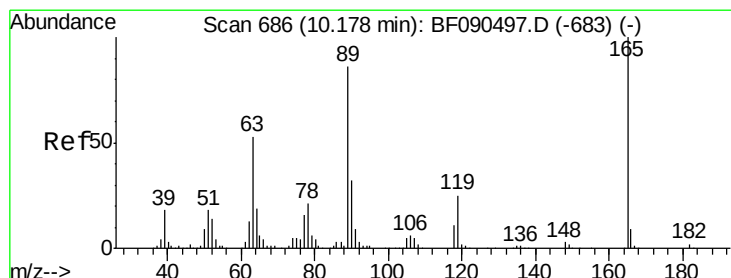
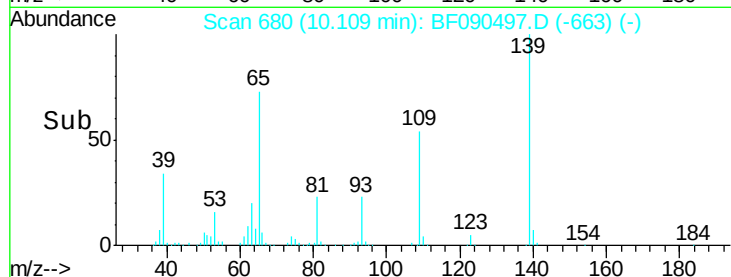
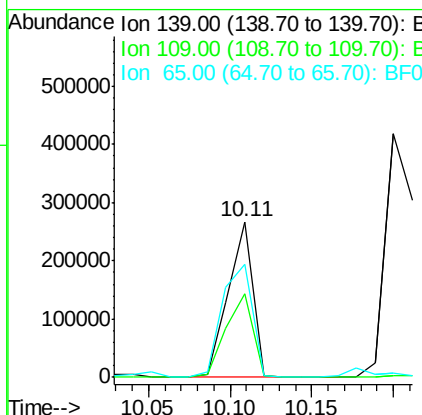
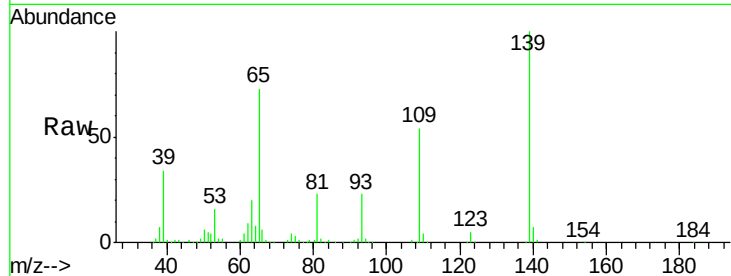
#55
4-Nitrophenol
Concen: 45.75 ng
RT: 10.11 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF090497.D
Acq: 11 Oct 2016 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100	279338		
109	53.5	43.6	83.6	
65	72.7	87.5	127.5	

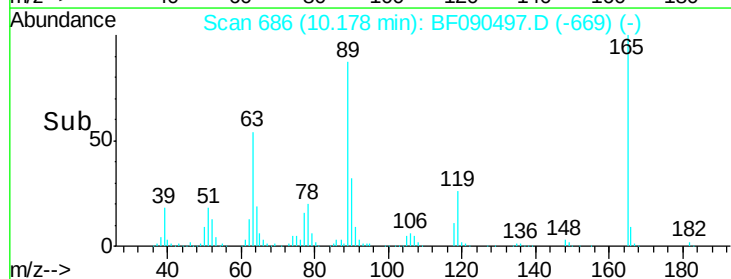
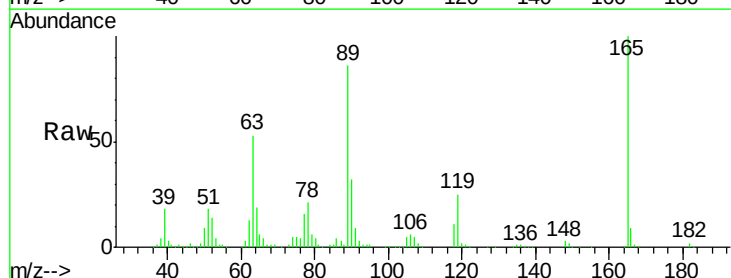
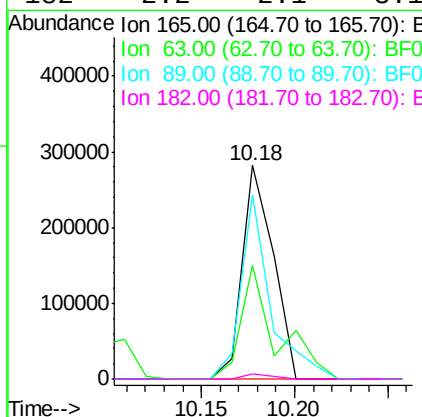
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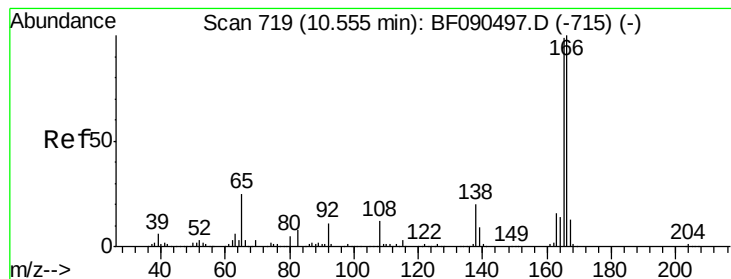
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#56
2,4-Dinitrotoluene
Concen: 40.67 ng
RT: 10.18 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF090497.D
Acq: 11 Oct 2016 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	323294		
63	53.3	17.8	26.6	#
89	86.2	33.2	49.8	#
182	2.2	2.1	3.1	





#57

Fluorene

Concen: 43.77 ng

RT: 10.55 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF090497.D

Acq: 11 Oct 2016 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:166 Resp: 1126687

Ion Ratio Lower Upper

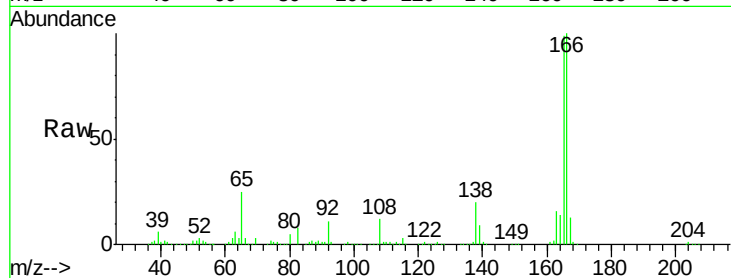
166 100

165 98.8 79.2 118.8

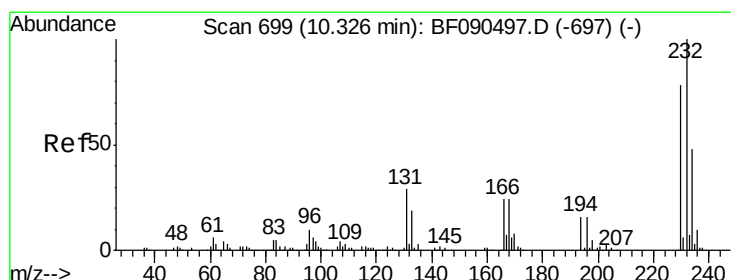
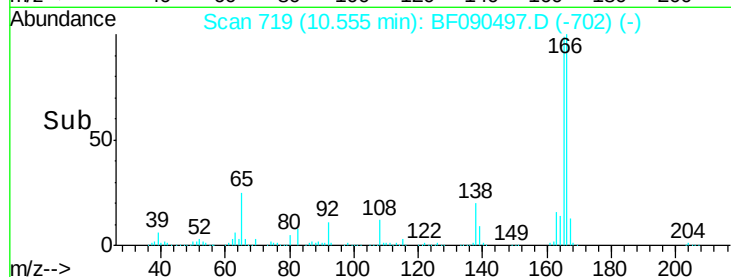
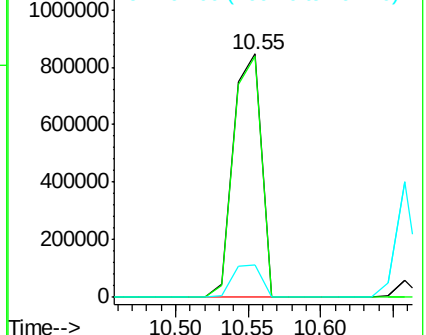
167 13.1 11.1 16.7

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.53 ng

RT: 10.33 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF090497.D

Acq: 11 Oct 2016 12:20

Tgt Ion:232 Resp: 272724

Ion Ratio Lower Upper

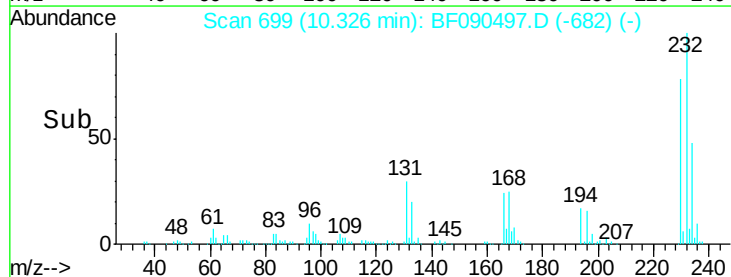
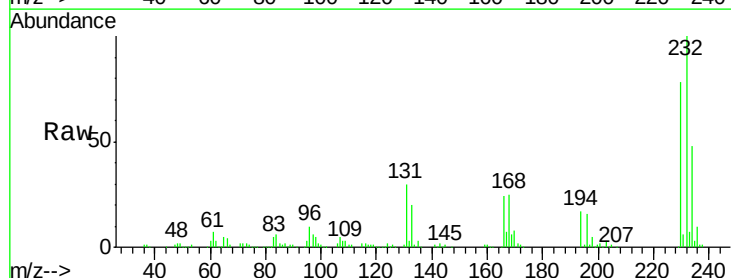
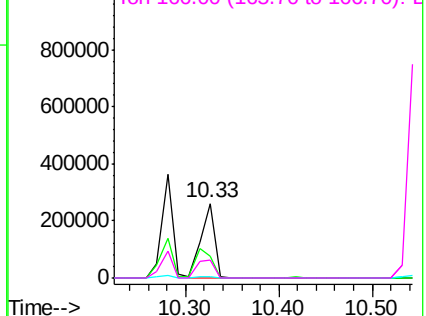
232 100

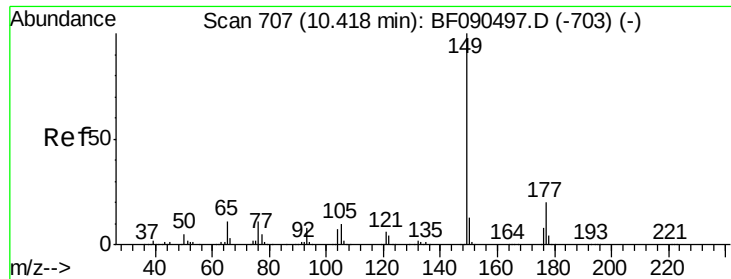
131 46.0 34.5 51.7

130 2.1 1.6 2.4

166 31.6 23.8 35.8

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





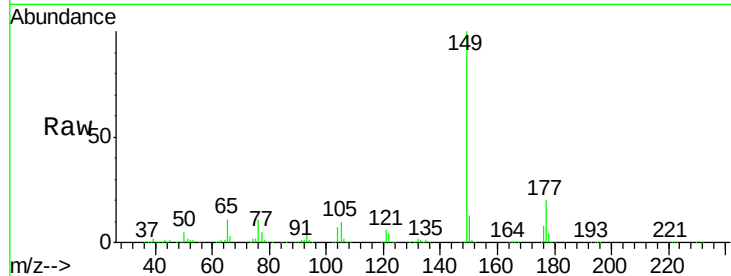
#59
Diethylphthalate
Concen: 40.44 ng
RT: 10.42 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF090497.D
Acq: 11 Oct 2016 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

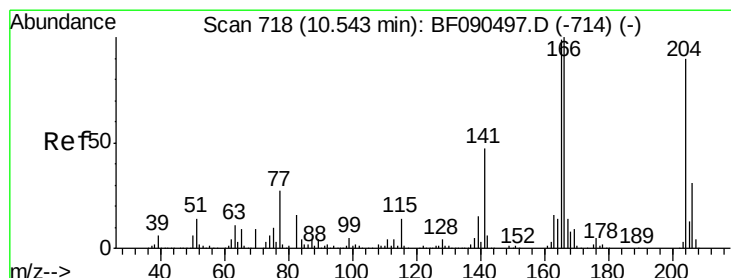
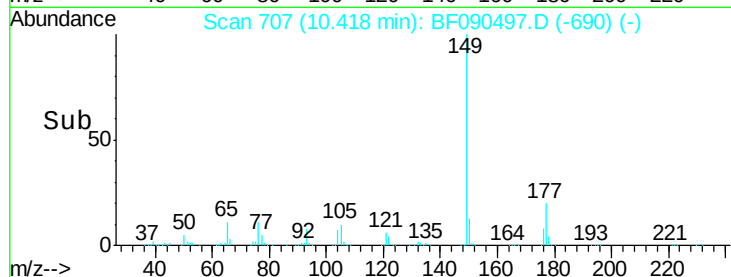
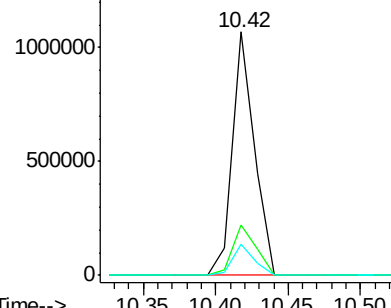
Tot Ion:149 Resp: 1125873
Ion Ratio Lower Upper
149 100
177 20.5 21.1 31.7#
150 12.7 10.2 15.2

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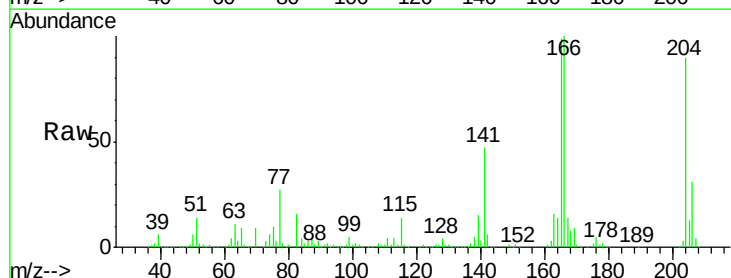


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

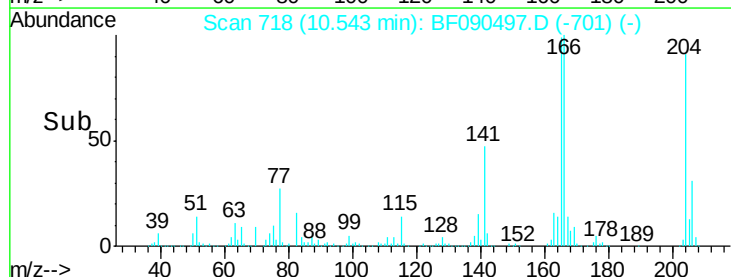
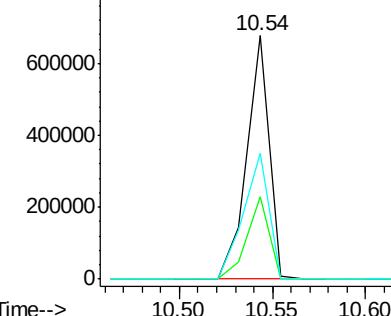


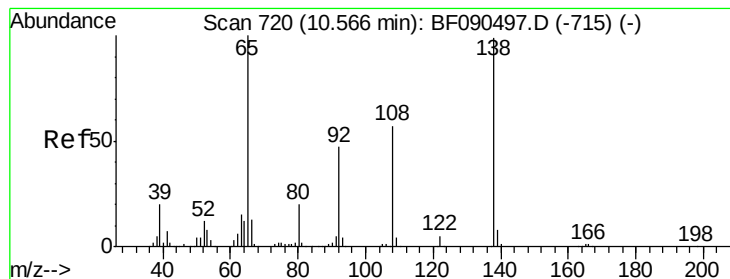
#60
4-Chlorophenyl-phenylether
Concen: 48.70 ng
RT: 10.54 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF090497.D
Acq: 11 Oct 2016 12:20

Tgt Ion:204 Resp: 569915
Ion Ratio Lower Upper
204 100
206 33.8 26.7 40.1
141 51.9 51.7 77.5



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





#61

4-Nitroaniline

Concen: 50.54 ng

RT: 10.57 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF090497.D

Acq: 11 Oct 2016 12:20

Instrument :

BNA_F

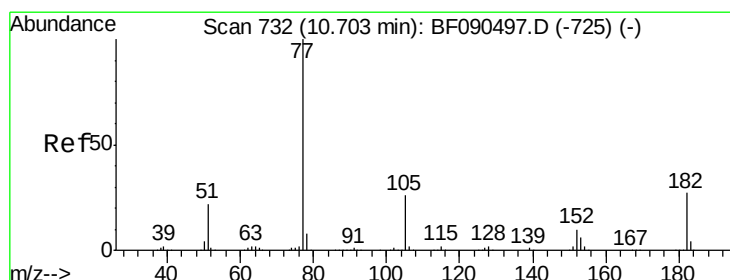
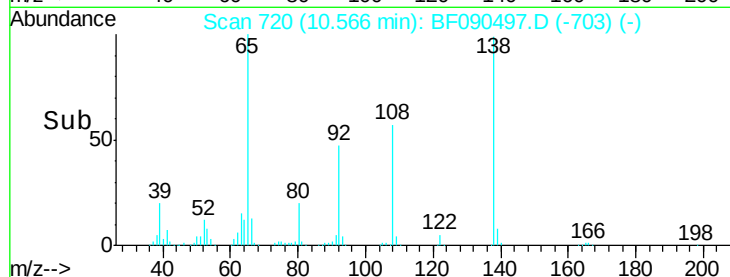
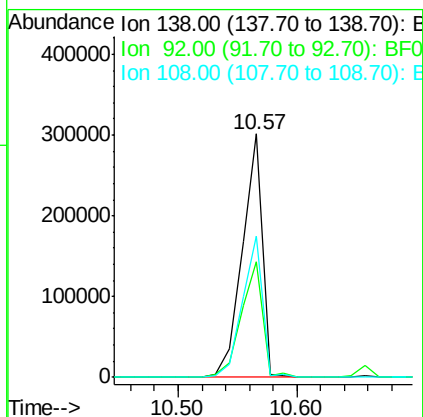
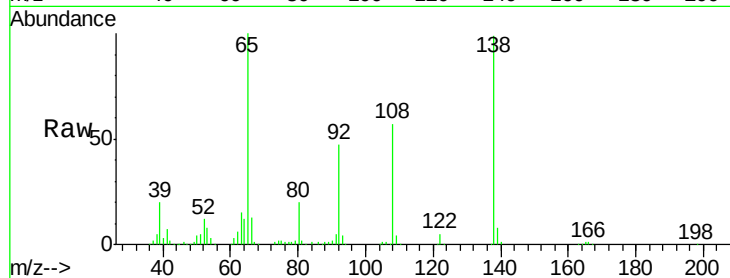
ClientSampleId :

SSTDICCC040

Tot Ion:	138	Resp:	355350
Ion Ratio	Lower	Upper	
138	100		
92	47.5	33.2	73.2
108	57.8	48.5	88.5

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#62

Azobenzene

Concen: 42.45 ng

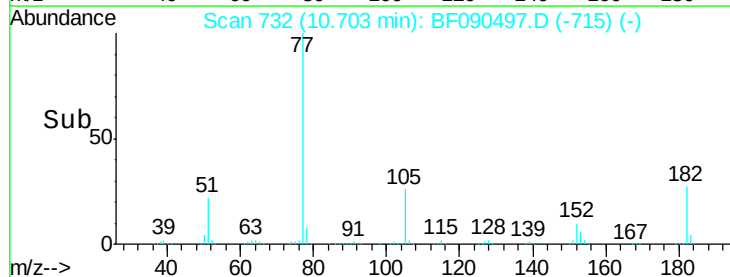
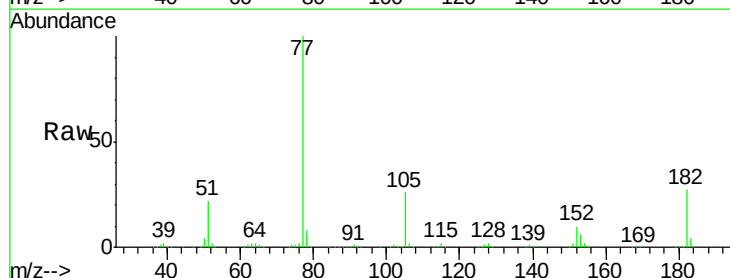
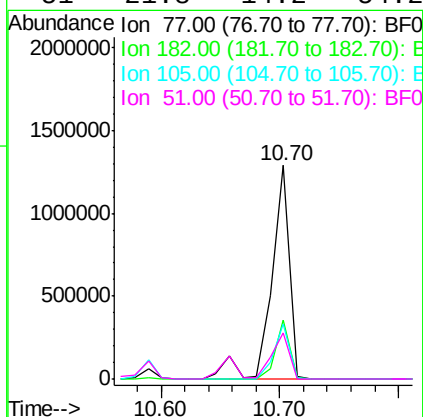
RT: 10.70 min Scan# 732

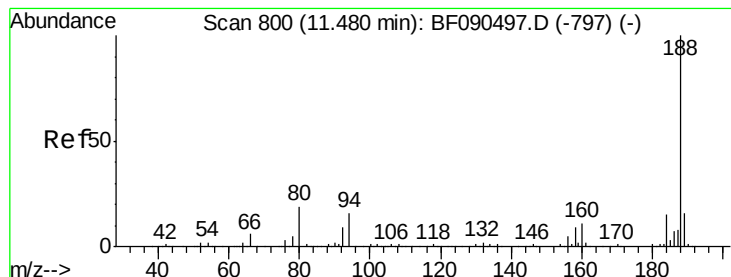
Delta R.T. 0.00 min

Lab File: BF090497.D

Acq: 11 Oct 2016 12:20

Tgt Ion:	77	Resp:	1364880
Ion Ratio	Lower	Upper	
77	100		
182	27.3	3.2	43.2
105	25.7	2.9	42.9
51	21.8	14.2	54.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.48 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF090497.D

Acq: 11 Oct 2016 12:20

Instrument :

BNA_F

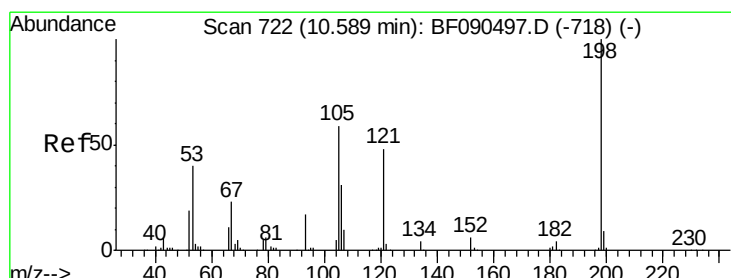
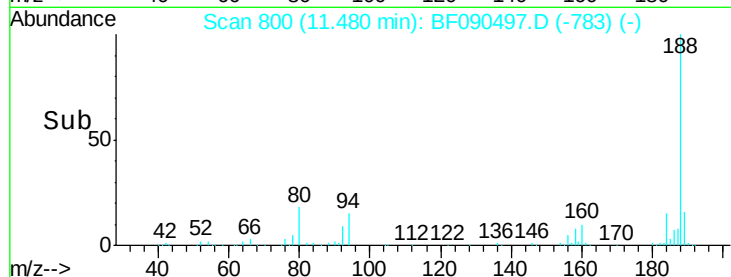
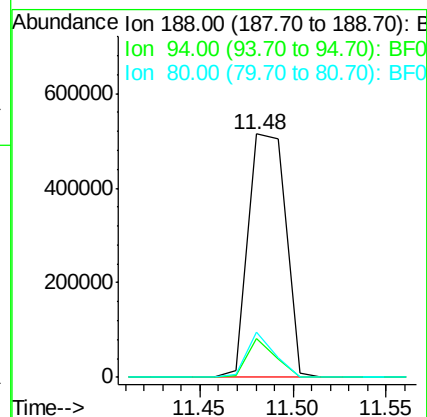
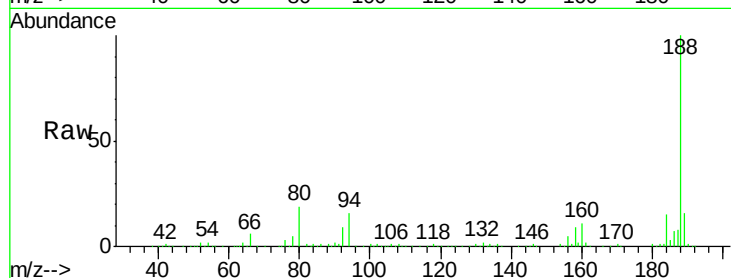
ClientSampleId :

SSTDICCC040

Tot Ion	188	Resp	716641
Ion Ratio	Lower	Upper	
188	100		
94	15.9	8.2	12.2#
80	18.6	8.8	13.2#

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#64

4,6-Dinitro-2-methylphenol

Concen: 41.67 ng

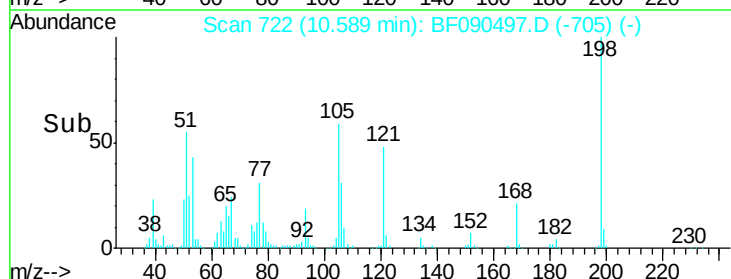
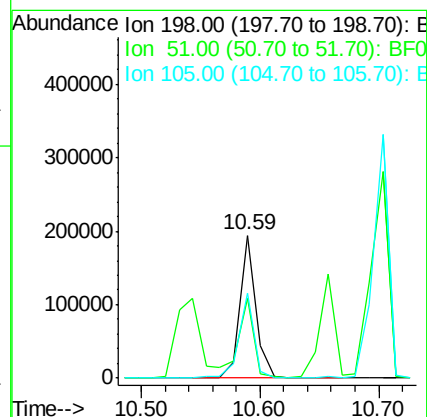
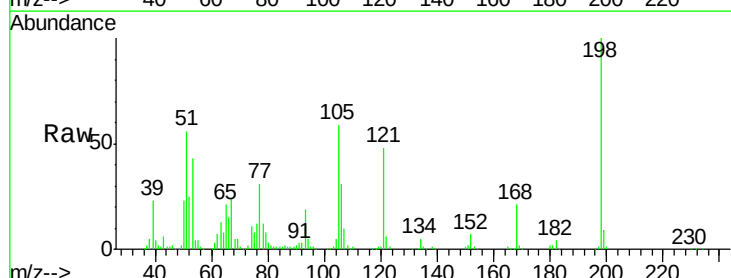
RT: 10.59 min Scan# 722

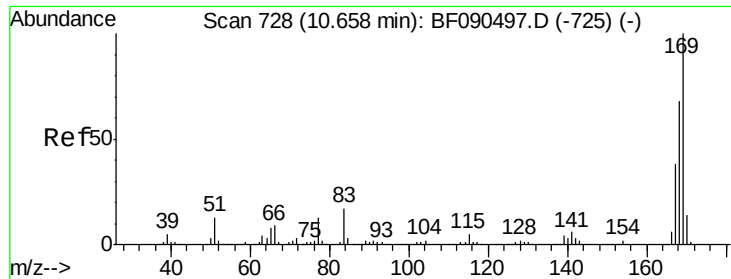
Delta R.T. 0.00 min

Lab File: BF090497.D

Acq: 11 Oct 2016 12:20

Tgt Ion	198	Resp	181214
Ion Ratio	Lower	Upper	
198	100		
51	55.9	67.3	107.3#
105	58.9	42.6	82.6





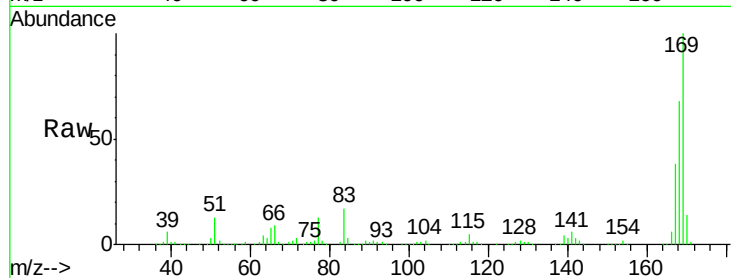
#65
n-Nitrosodiphenylamine
Concen: 37.94 ng
RT: 10.66 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF090497.D
Acq: 11 Oct 2016 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

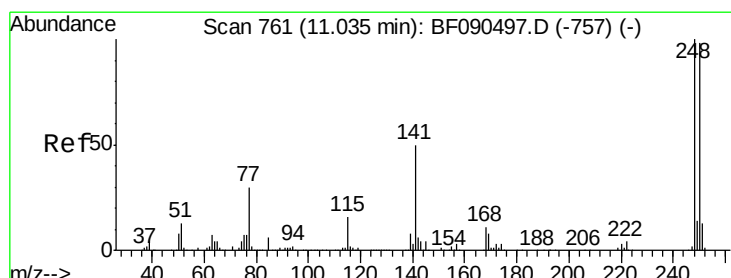
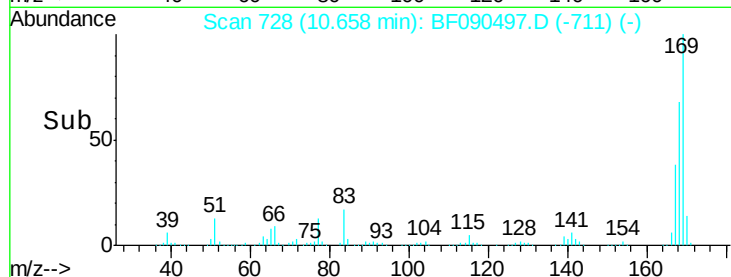
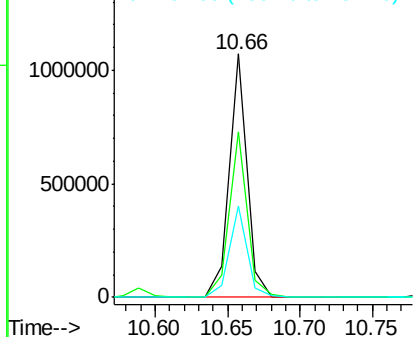
Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		911088		
168	68.0	53.8		80.6	
167	37.7	29.8		44.8	

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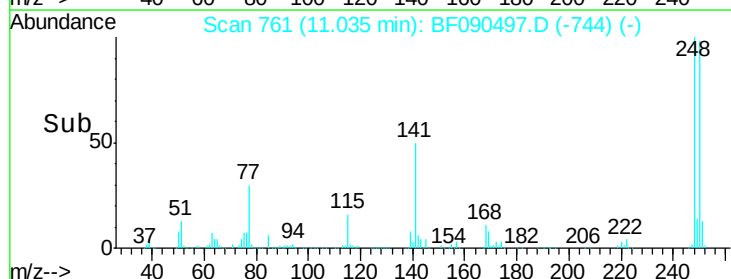
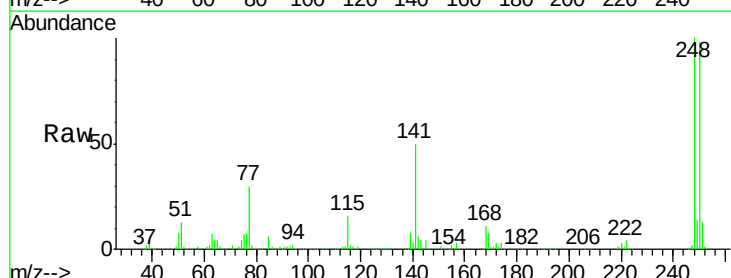
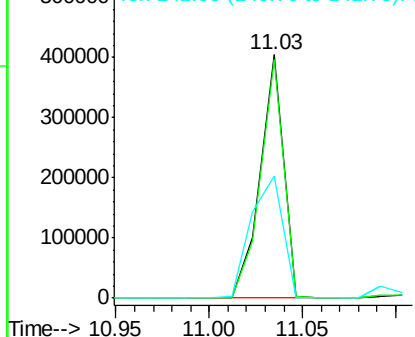
Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

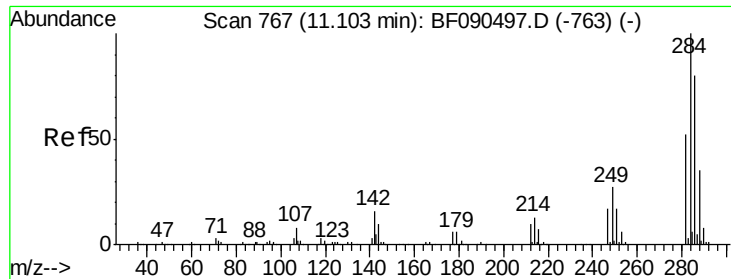


#66
4-Bromophenyl-phenylether
Concen: 49.79 ng
RT: 11.03 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF090497.D
Acq: 11 Oct 2016 12:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		349749		
250	97.8	76.5		114.7	
141	50.1	59.8		89.6	

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





#67

Hexachlorobenzene

Concen: 45.67 ng

RT: 11.10 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF090497.D

Acq: 11 Oct 2016 12:20

Instrument :

BNA_F

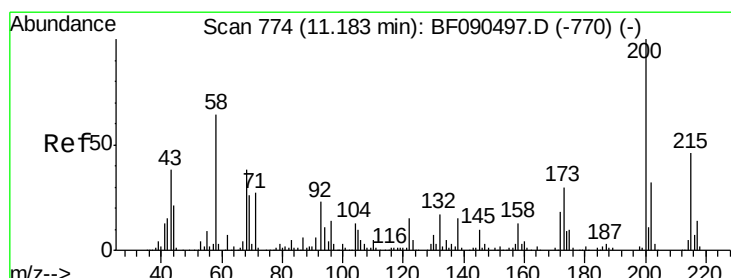
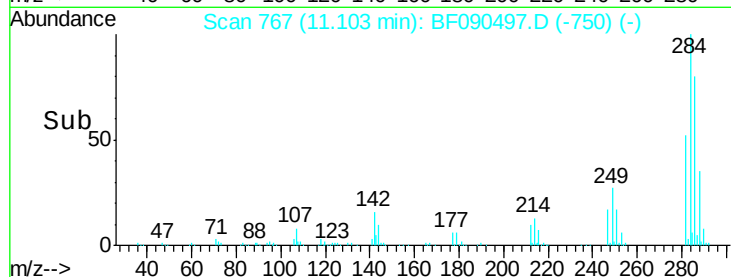
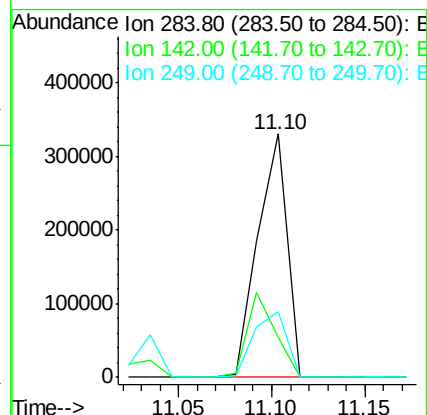
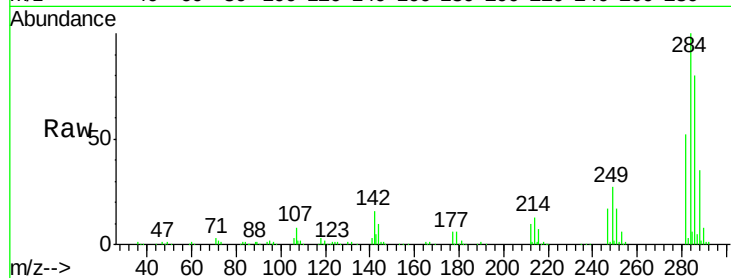
ClientSampleId :

SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	357248		
142	16.2	23.1	34.7#	
249	27.2	26.3	39.5	

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#68

Atrazine

Concen: 45.88 ng

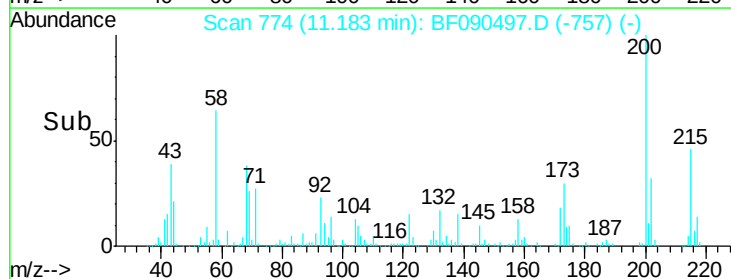
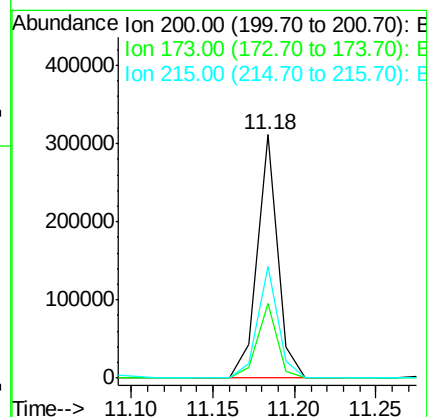
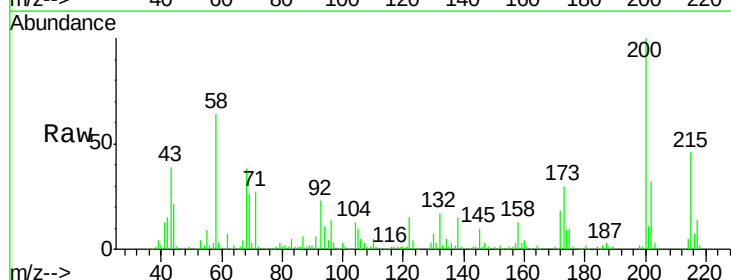
RT: 11.18 min Scan# 774

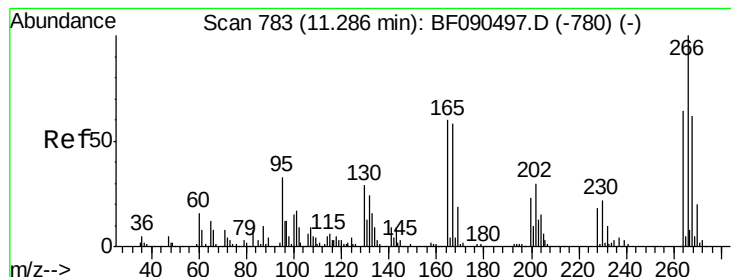
Delta R.T. 0.00 min

Lab File: BF090497.D

Acq: 11 Oct 2016 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	271695		
173	30.5	9.0	49.0	
215	45.7	24.8	64.8	





#69

Pentachlorophenol

Concen: 43.30 ng

RT: 11.29 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF090497.D

Acq: 11 Oct 2016 12:20

Instrument :

BNA_F

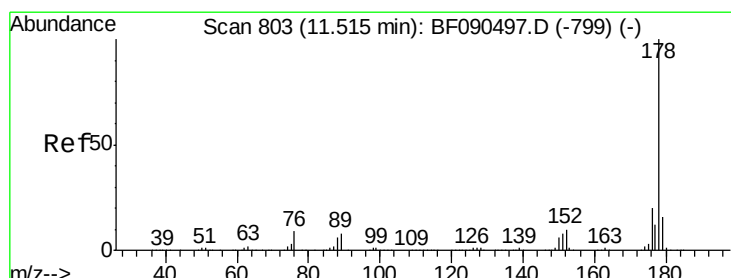
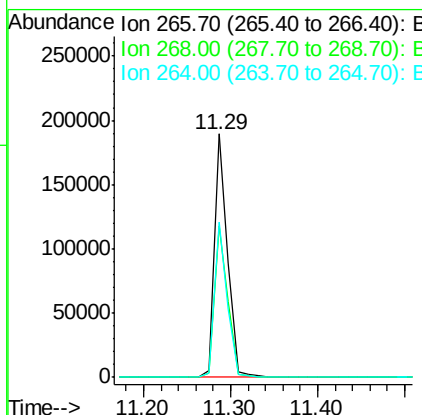
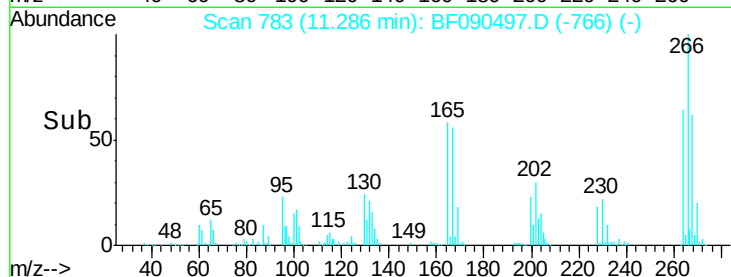
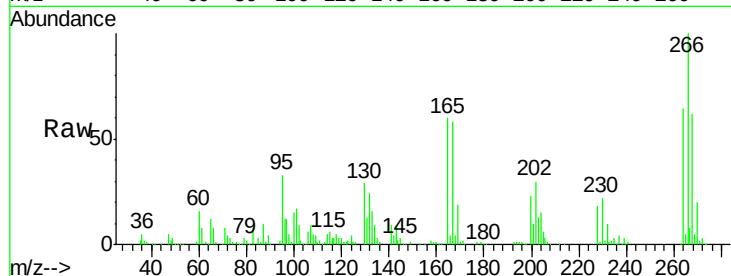
ClientSampleId :

SSTDICCC040

Tot Ion:	266	Resp:	201629
Ion Ratio	Lower	Upper	
266	100		
268	62.1	50.9	76.3
264	63.8	51.5	77.3

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#70

Phenanthrene

Concen: 46.51 ng

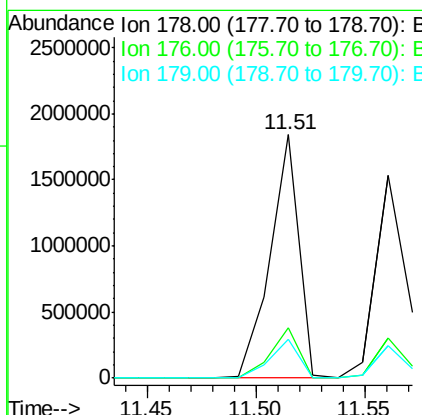
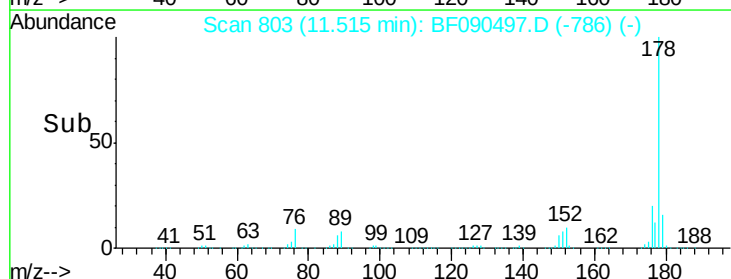
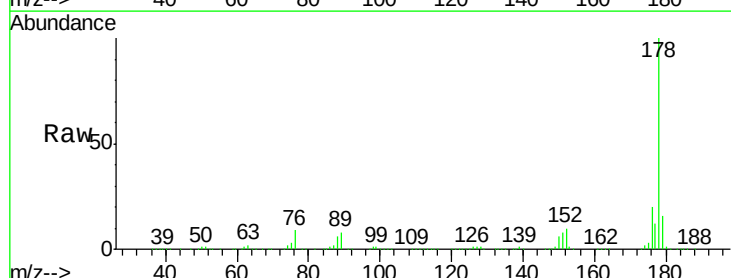
RT: 11.51 min Scan# 803

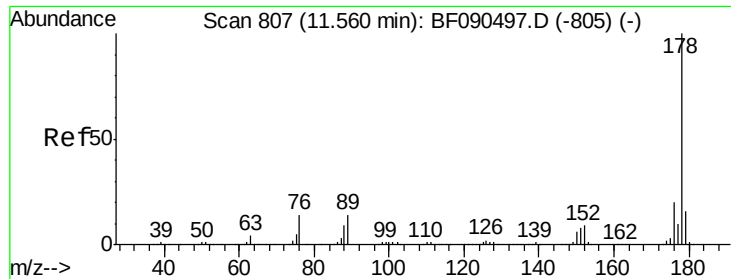
Delta R.T. 0.00 min

Lab File: BF090497.D

Acq: 11 Oct 2016 12:20

Tgt Ion:	178	Resp:	1706890
Ion Ratio	Lower	Upper	
178	100		
176	20.4	17.3	25.9
179	16.0	13.8	20.6





#71
 Anthracene
 Concen: 39.44 ng
 RT: 11.56 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF090497.D
 Acq: 11 Oct 2016 12:20

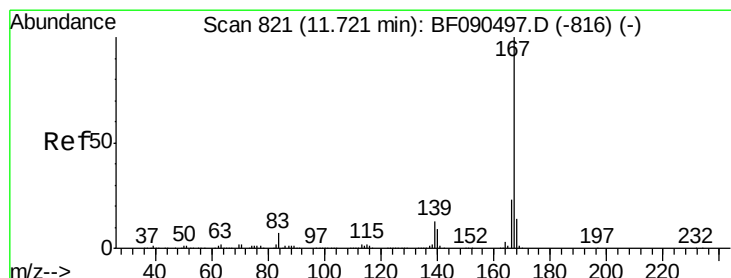
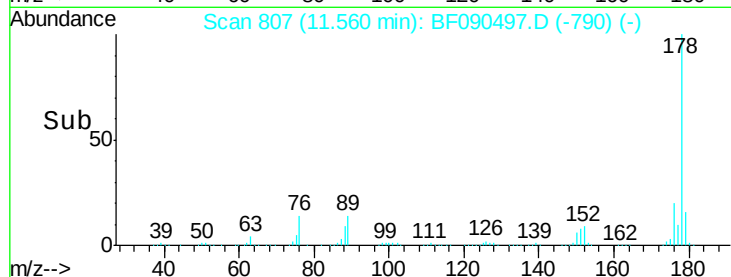
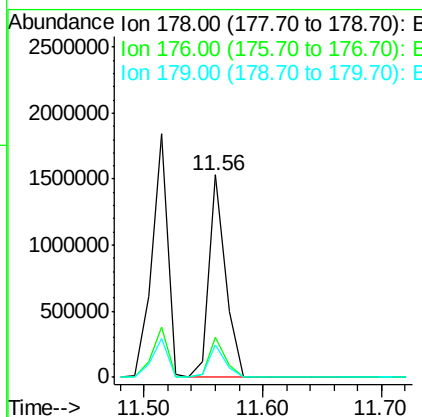
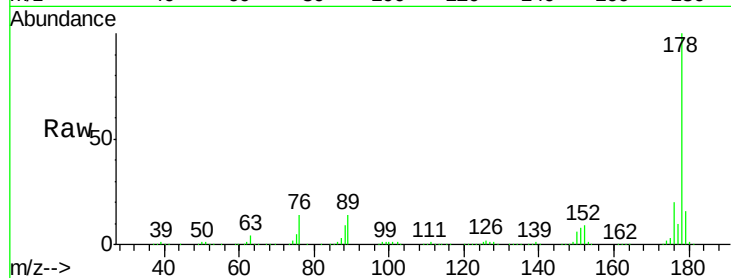
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:178 Resp: 1477985

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.8	25.2
179	16.3	13.4	20.2

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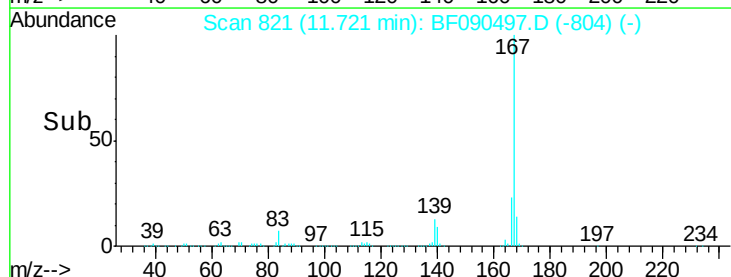
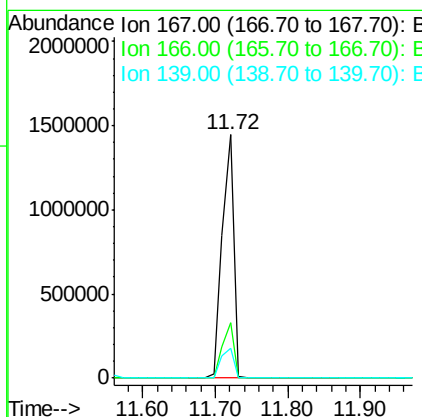
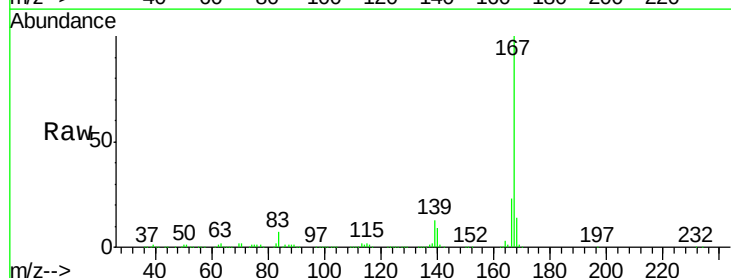
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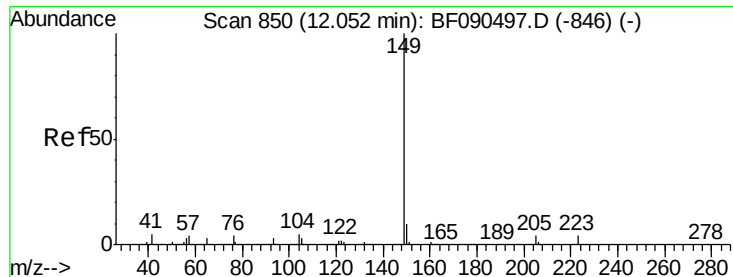


#72
 Carbazole
 Concen: 45.95 ng
 RT: 11.72 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF090497.D
 Acq: 11 Oct 2016 12:20

Tgt Ion:167 Resp: 1599917

Ion	Ratio	Lower	Upper
167	100		
166	22.5	19.1	28.7
139	12.5	12.1	18.1





#73

Di-n-butylphthalate

Concen: 45.26 ng

RT: 12.05 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF090497.D

Acq: 11 Oct 2016 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:149 Resp: 1917704

Ion Ratio Lower Upper

149 100

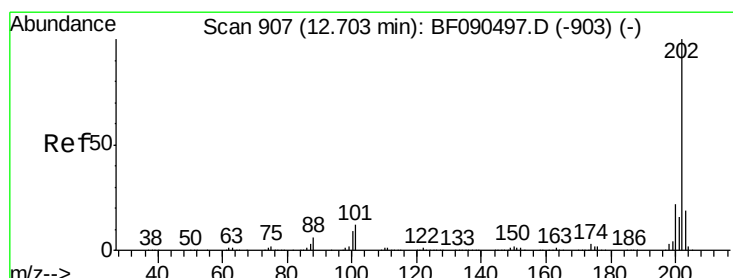
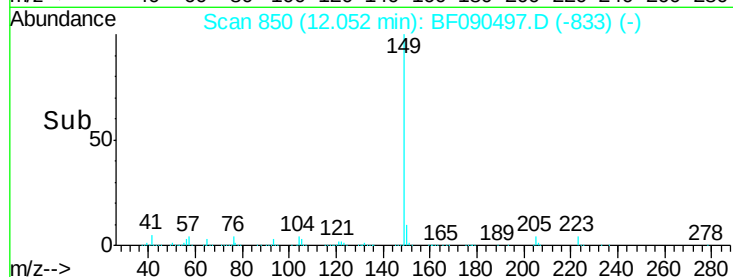
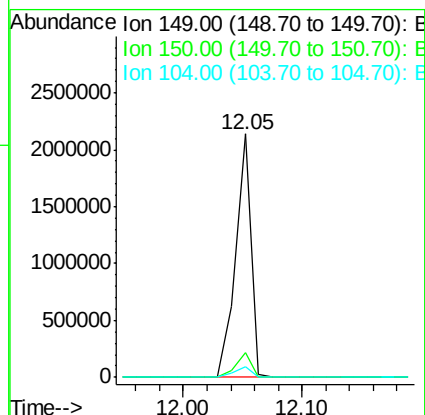
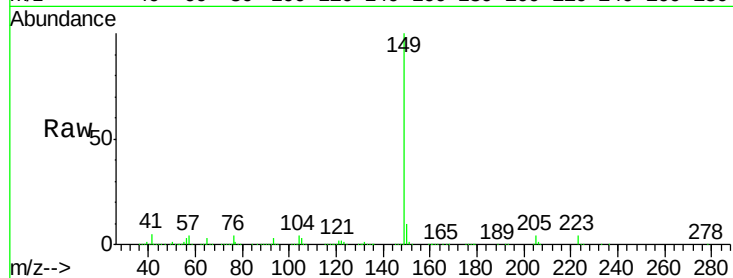
150 10.1 8.6 12.8

104 4.5 4.7 7.1#

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#74

Fluoranthene

Concen: 49.04 ng

RT: 12.70 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF090497.D

Acq: 11 Oct 2016 12:20

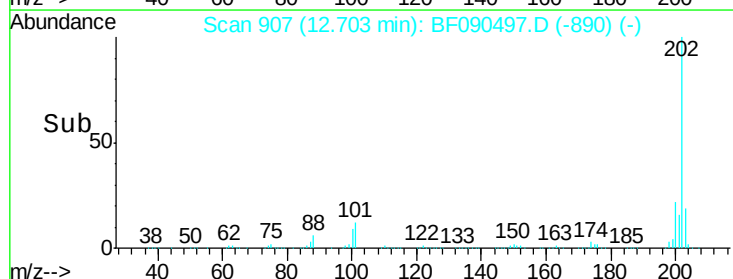
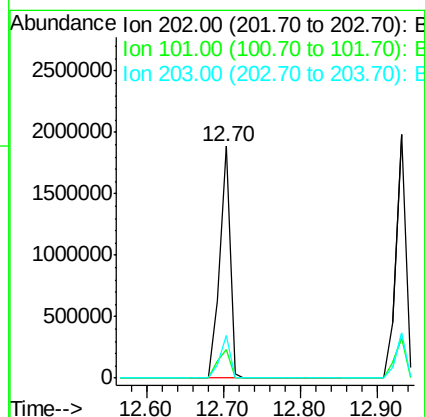
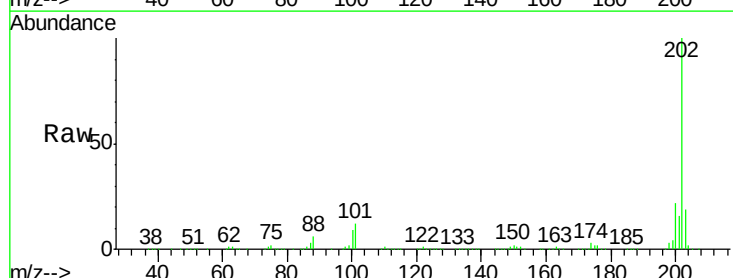
Tgt Ion:202 Resp: 1765223

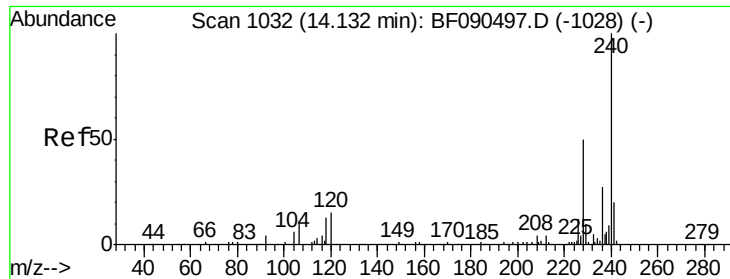
Ion Ratio Lower Upper

202 100

101 12.1 0.0 37.2

203 18.5 0.0 39.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.13 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF090497.D

Acq: 11 Oct 2016 12:20

Instrument :

BNA_F

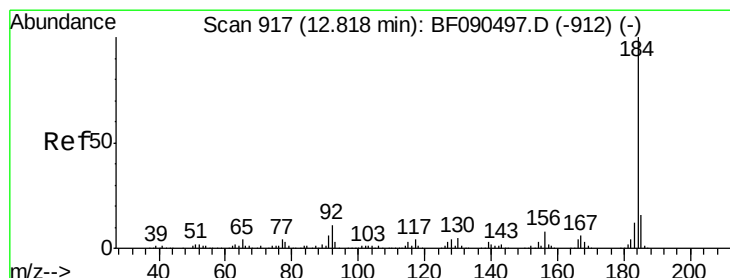
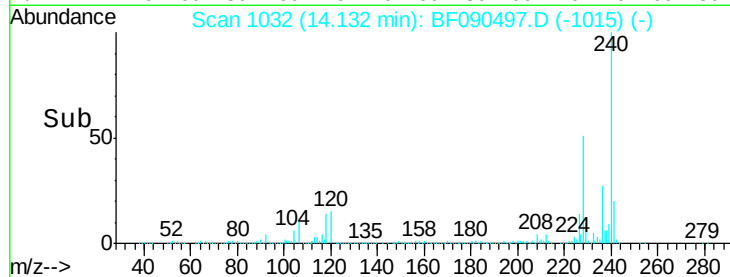
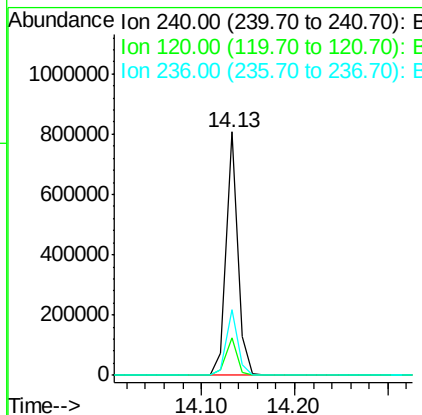
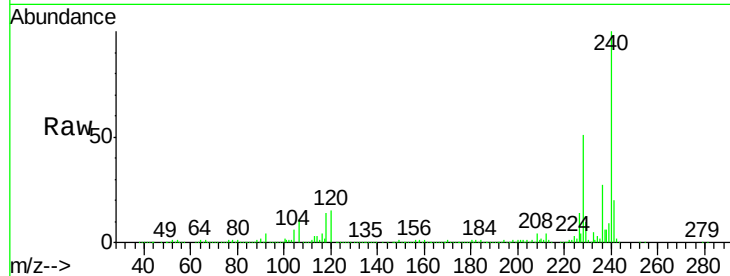
ClientSampleId :

SSTDICCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.2	8.6	13.0
236	27.1	21.6	32.4

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#76

Benzidine

Concen: 45.01 ng

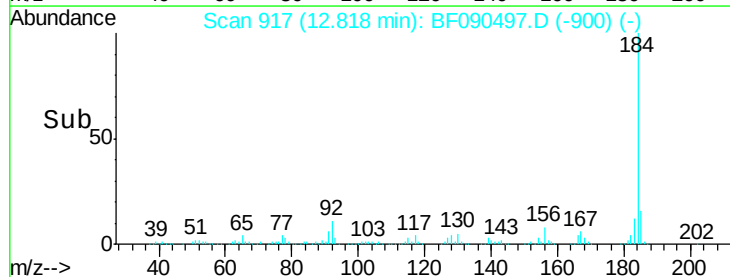
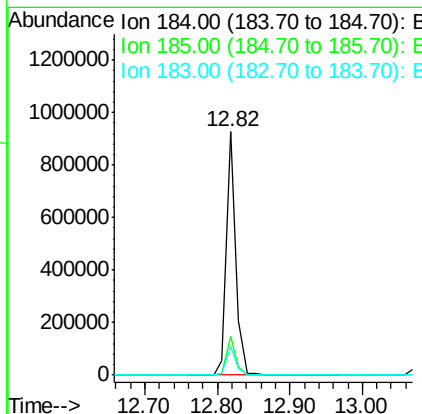
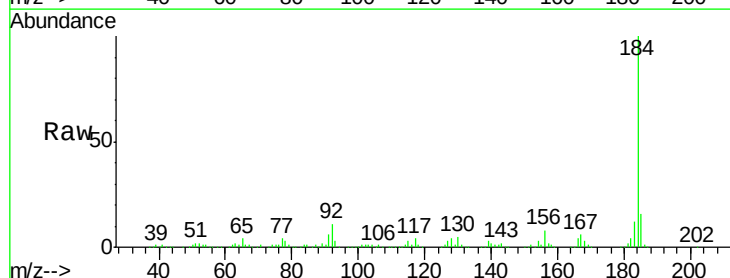
RT: 12.82 min Scan# 917

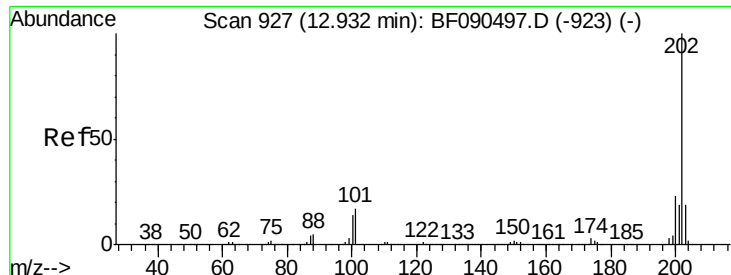
Delta R.T. 0.00 min

Lab File: BF090497.D

Acq: 11 Oct 2016 12:20

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.1	11.8	17.8
183	11.8	9.6	14.4





#77

Pvrene

Concen: 37.15 ng

RT: 12.93 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF090497.D

Acq: 11 Oct 2016 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:202 Resp: 1740022

Ion Ratio Lower Upper

202 100

200 22.8 18.5 27.7

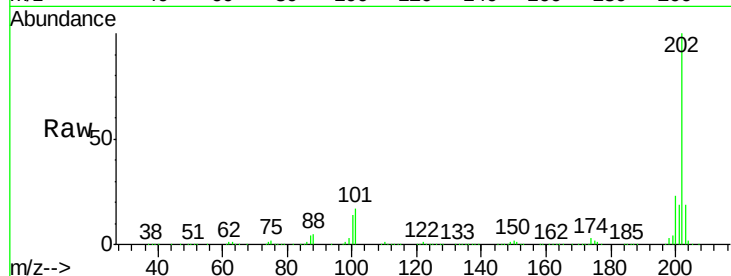
203 18.6 15.0 22.6

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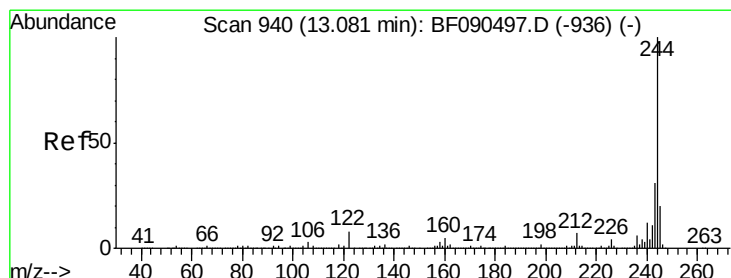
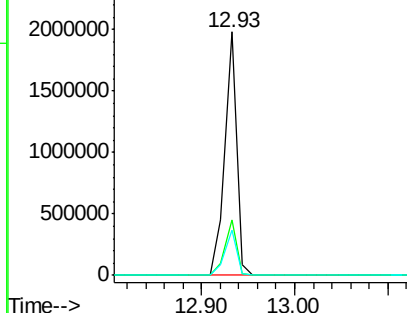
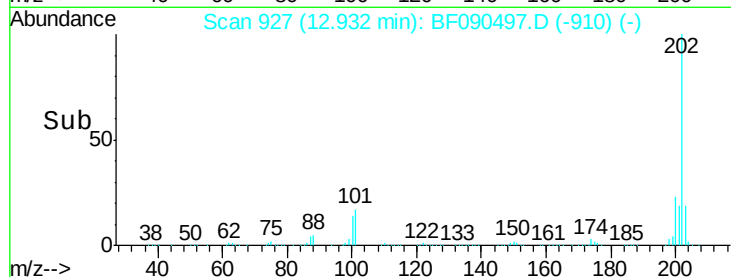
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 76.33 ng

RT: 13.08 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF090497.D

Acq: 11 Oct 2016 12:20

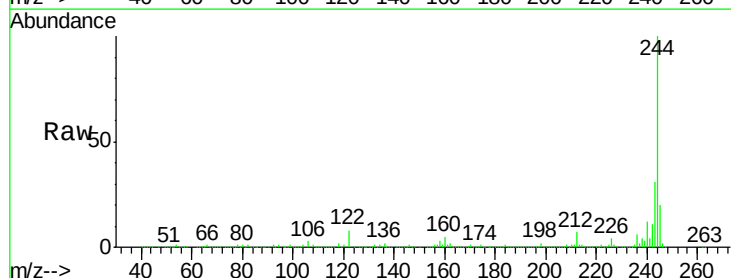
Tgt Ion:244 Resp: 2385200

Ion Ratio Lower Upper

244 100

212 6.7 6.8 10.2#

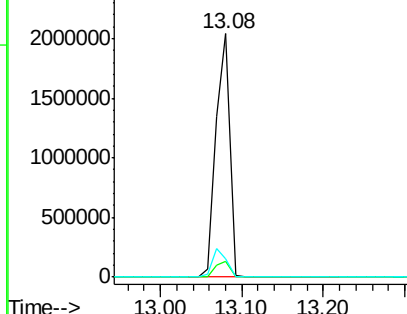
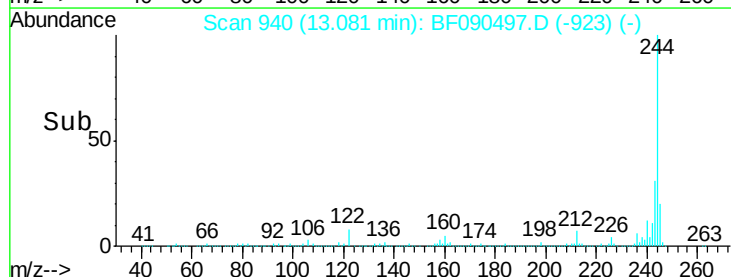
122 7.8 13.3 19.9#

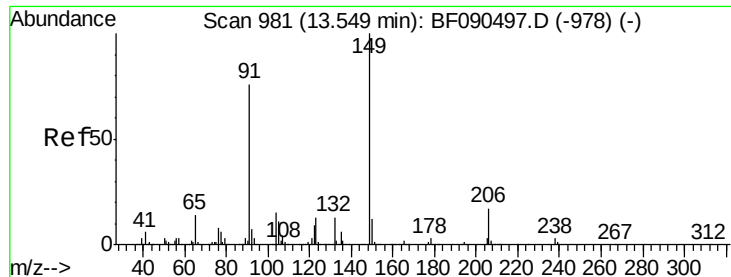


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





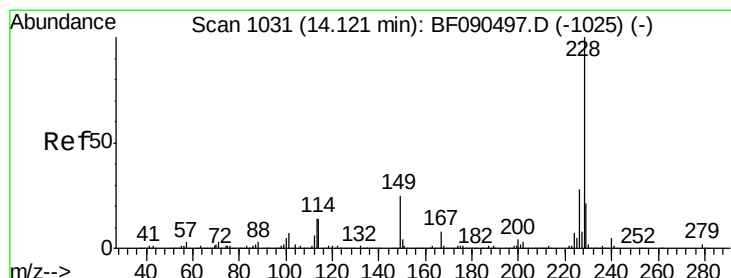
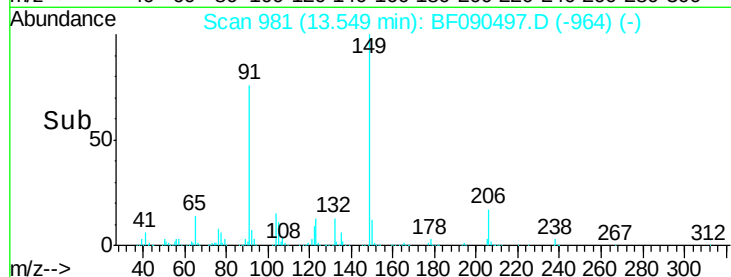
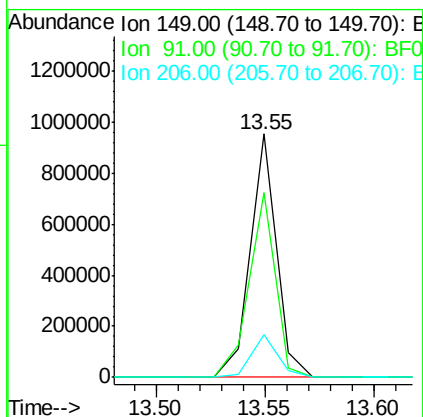
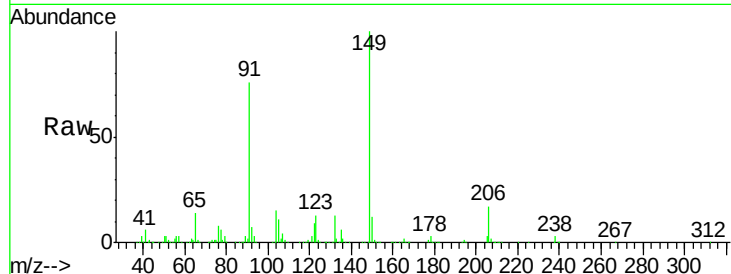
#79
Butylbenzylphthalate
Concen: 33.21 ng
RT: 13.55 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF090497.D
Acq: 11 Oct 2016 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	76.0	51.8	77.8
206	17.4	18.0	27.0

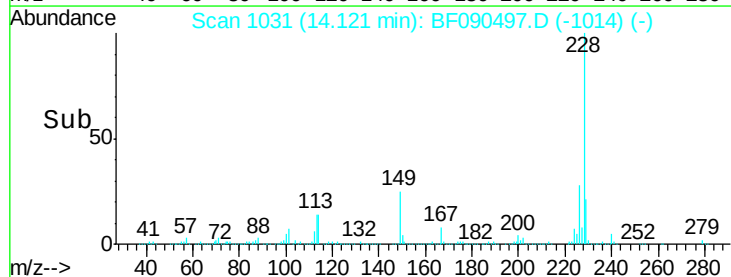
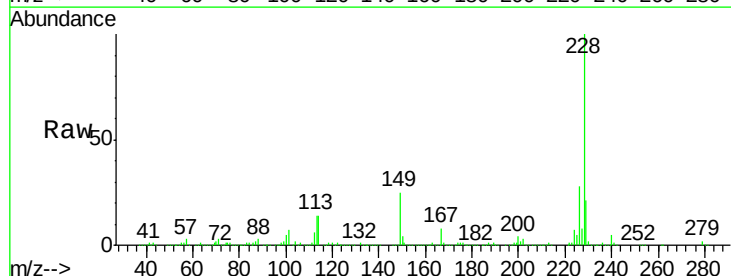
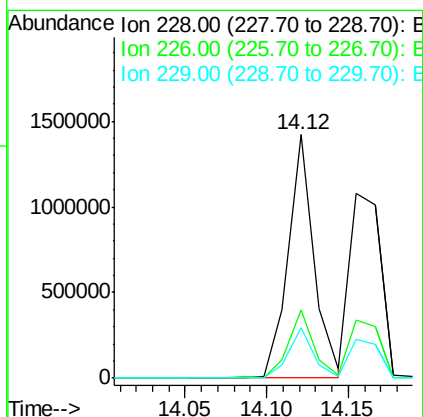
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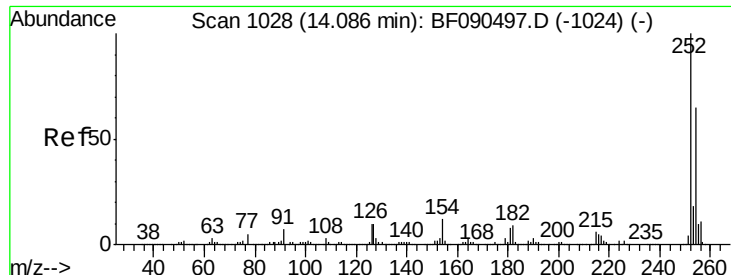
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#80
Benzo(a)anthracene
Concen: 39.96 ng
RT: 14.12 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF090497.D
Acq: 11 Oct 2016 12:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	23.6	35.4
229	20.8	16.6	25.0





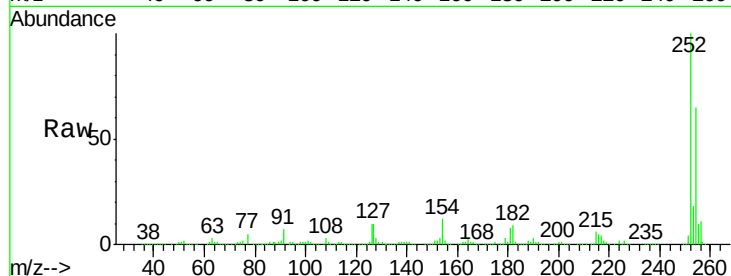
#81
 3,3'-Dichlorobenzidine
 Concen: 45.47 ng
 RT: 14.09 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BF090497.D
 Acq: 11 Oct 2016 12:20

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC040

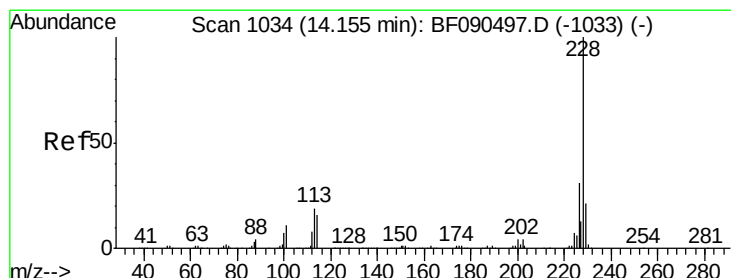
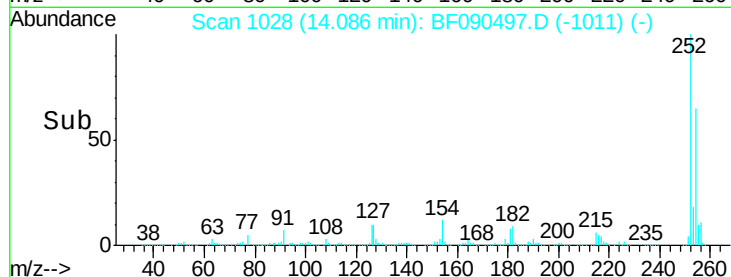
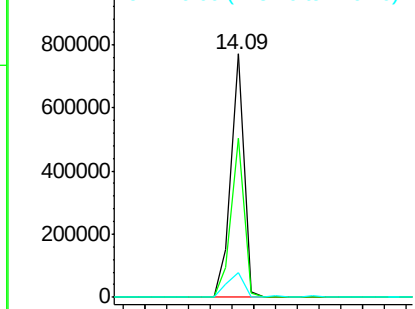
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.2	52.1	78.1
126	10.1	4.2	6.4

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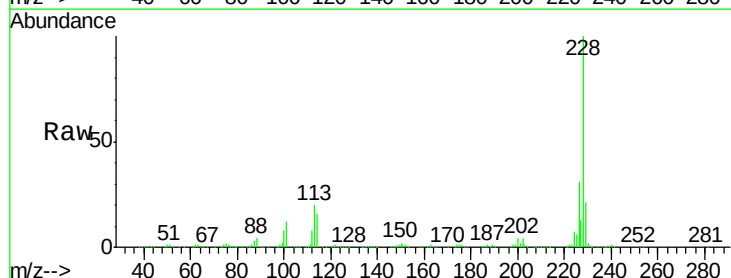


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

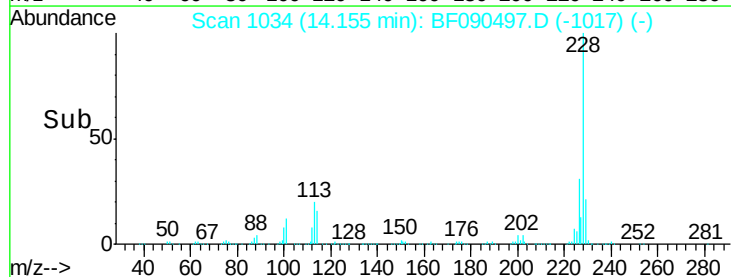
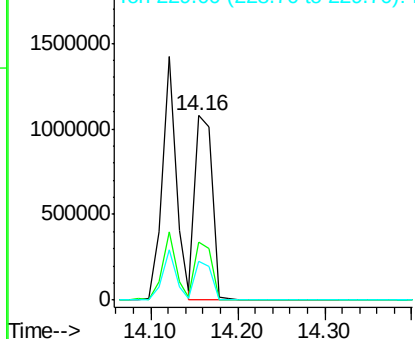


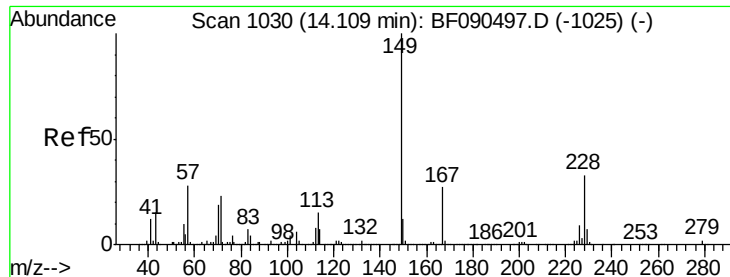
#82
 Chrysene
 Concen: 40.25 ng
 RT: 14.16 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF090497.D
 Acq: 11 Oct 2016 12:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.8	38.6
229	20.8	16.9	25.3



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 33.53 ng

RT: 14.11 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF090497.D

Acq: 11 Oct 2016 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:149 Resp: 1145635

Ion Ratio Lower Upper

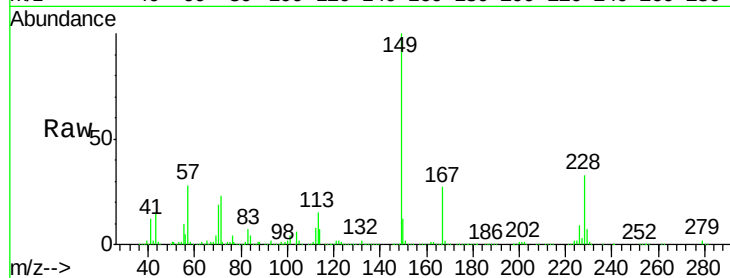
149 100

167 26.6 21.5 32.3

279 2.2 2.6 3.8#

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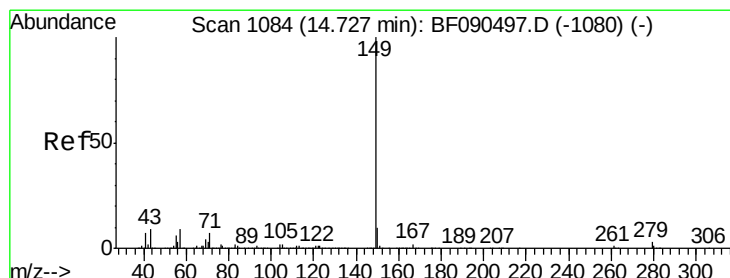
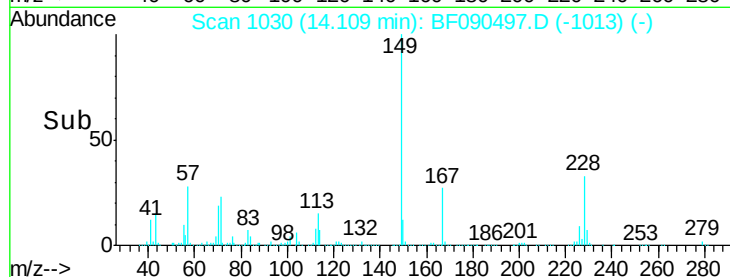
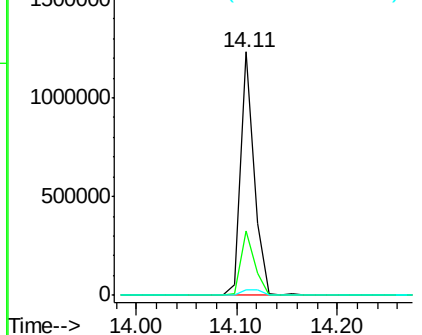
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 36.54 ng

RT: 14.73 min Scan# 1084

Delta R.T. 0.00 min

Lab File: BF090497.D

Acq: 11 Oct 2016 12:20

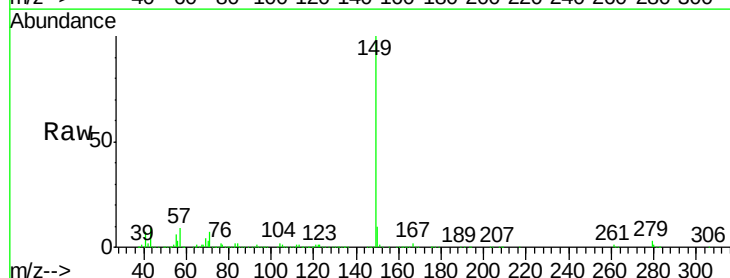
Tgt Ion:149 Resp: 1850919

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

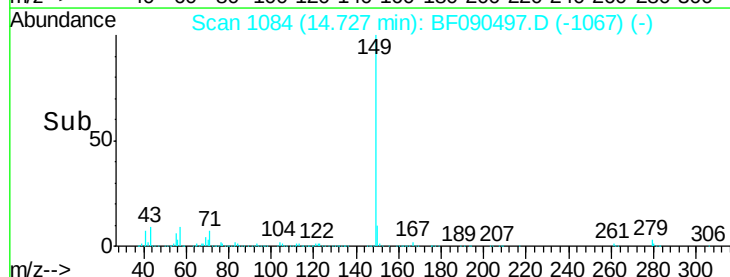
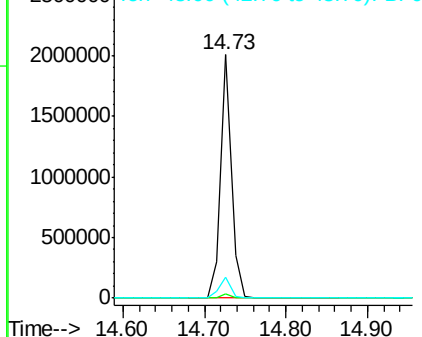
43 9.4 11.8 17.8#

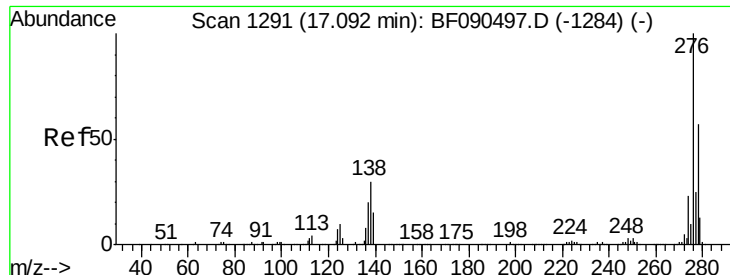


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





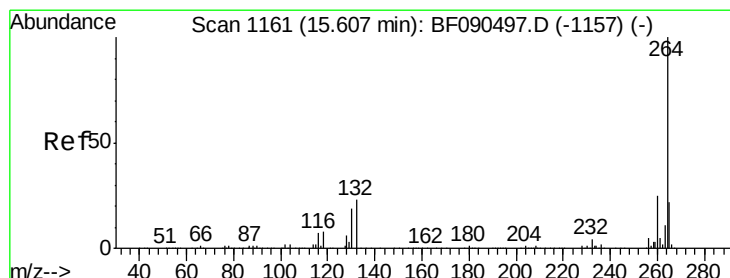
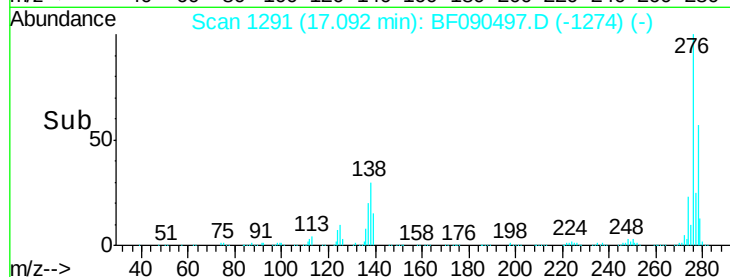
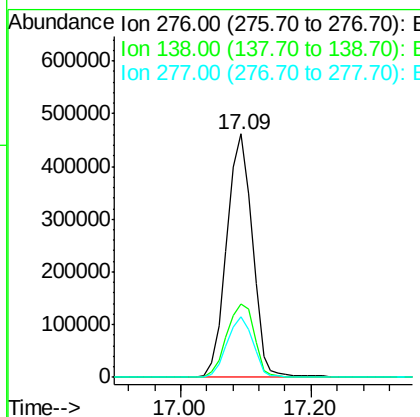
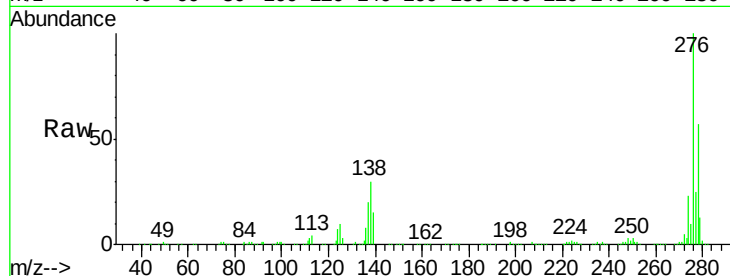
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.75 ng
 RT: 17.09 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: BF090497.D
 Acq: 11 Oct 2016 12:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.8	23.8	35.8
277	25.2	20.4	30.6

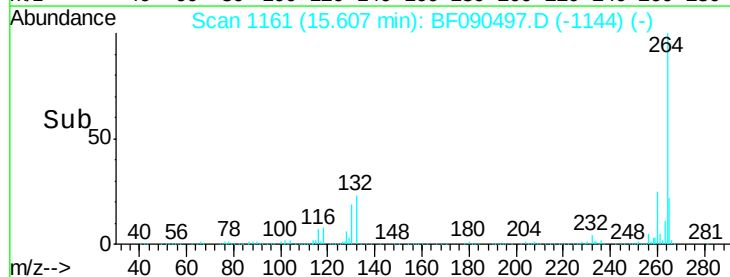
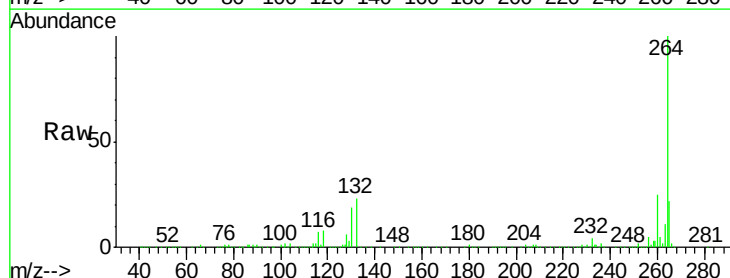
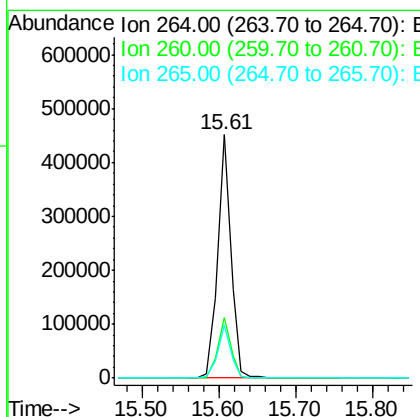
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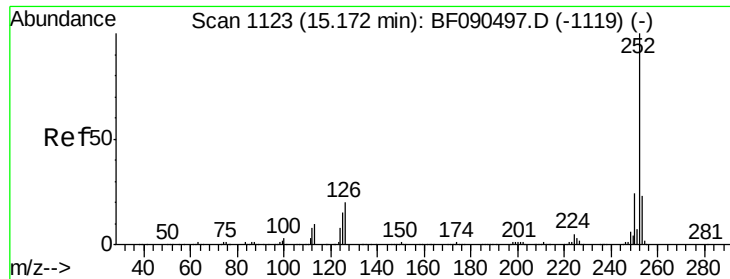
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.61 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BF090497.D
 Acq: 11 Oct 2016 12:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.3	28.9
265	21.5	17.4	26.0





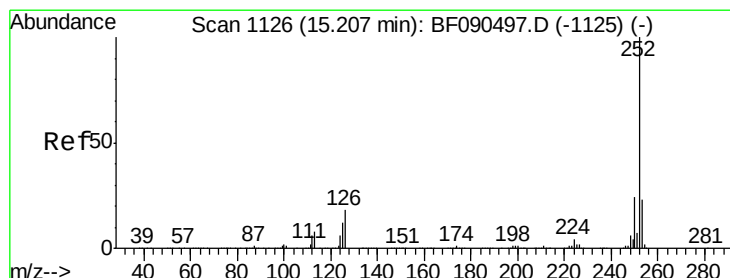
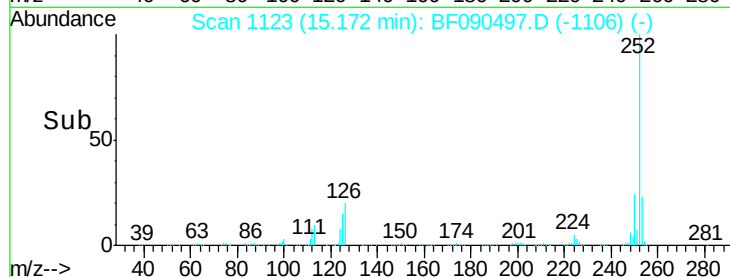
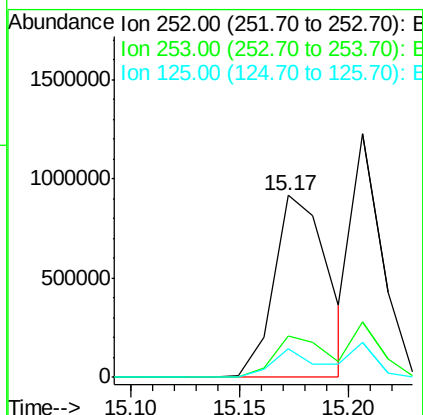
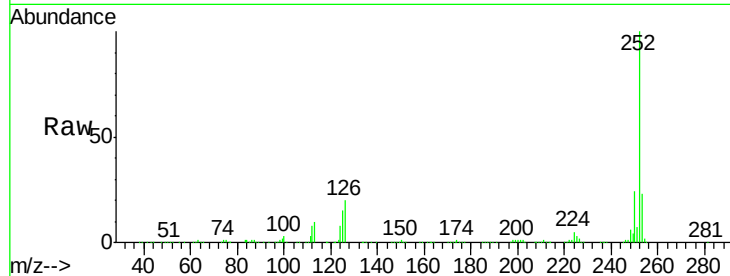
#87
Benzo(b)fluoranthene
Concen: 45.31 ng
RT: 15.17 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BF090497.D
Acq: 11 Oct 2016 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	15.4	7.0	10.4

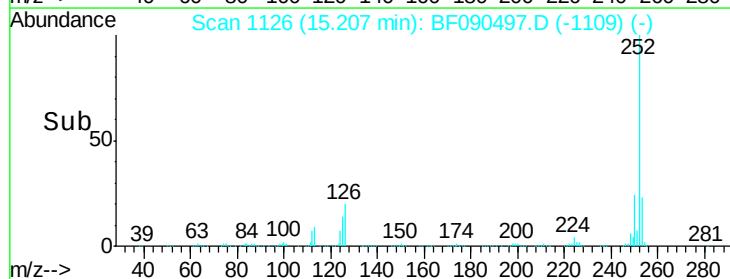
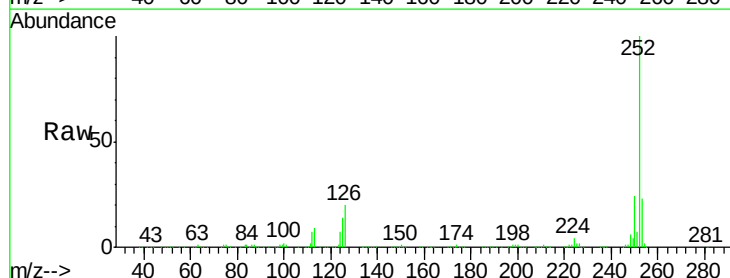
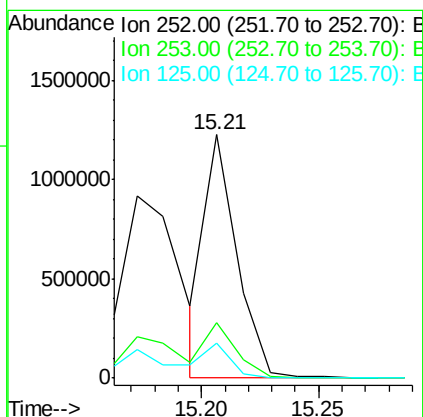
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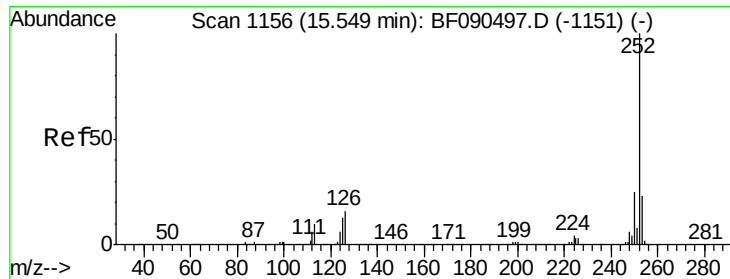
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#88
Benzo(k)fluoranthene
Concen: 35.73 ng m
RT: 15.21 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF090497.D
Acq: 11 Oct 2016 12:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.6	27.8
125	14.1	11.7	17.5





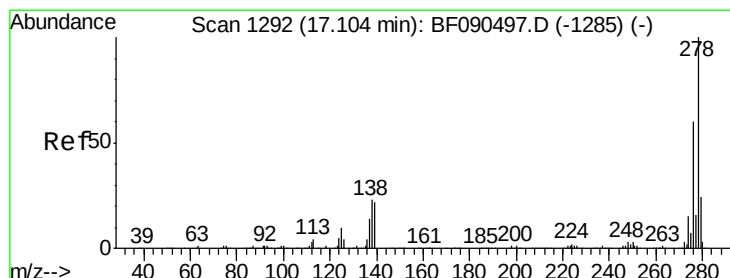
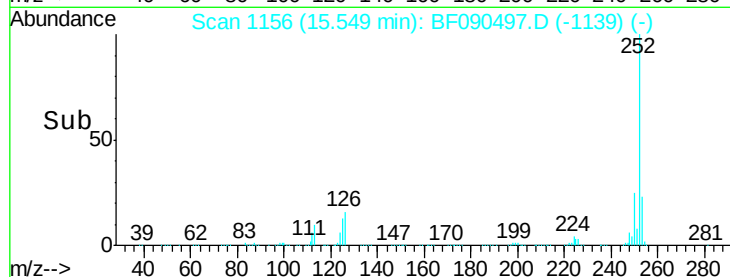
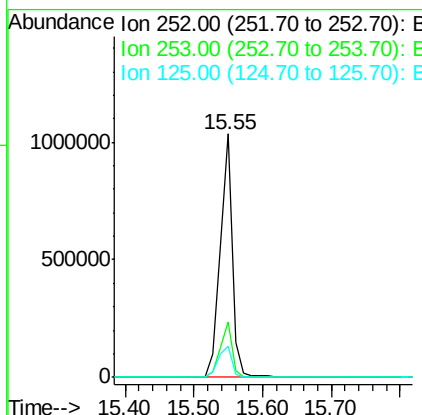
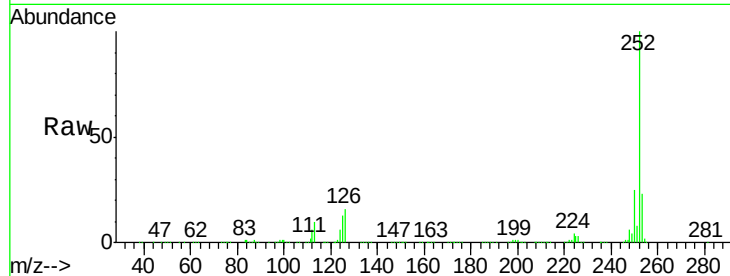
#89
Benzo(a)pyrene
Concen: 43.42 ng
RT: 15.55 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF090497.D
Acq: 11 Oct 2016 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:252 Resp: 1304454
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.4
125 12.8 9.8 14.8

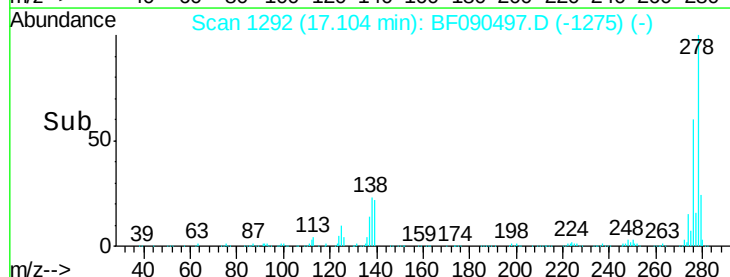
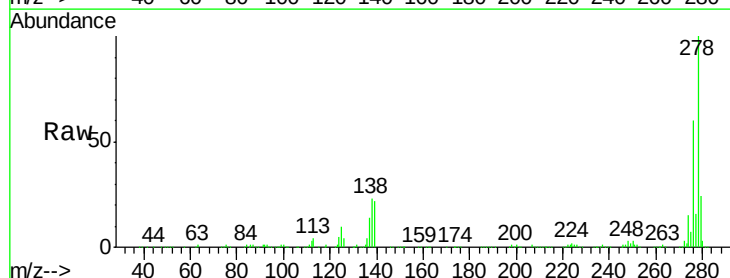
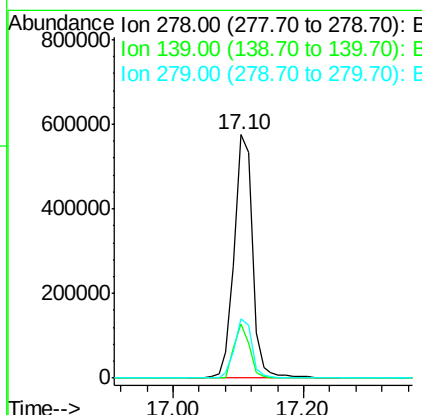
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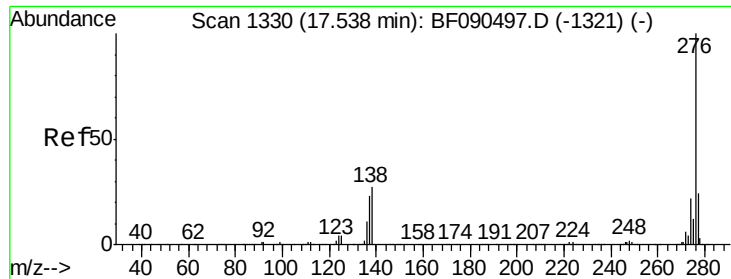
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#90
Dibenzo(a,h)anthracene
Concen: 43.57 ng
RT: 17.10 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BF090497.D
Acq: 11 Oct 2016 12:20

Tgt Ion:278 Resp: 1113418
Ion Ratio Lower Upper
278 100
139 22.4 12.8 19.2#
279 24.5 19.6 29.4





#91
 Benzo(a,h,i)perylene
 Concen: 41.19 ng
 RT: 17.54 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: BF090497.D
 Acq: 11 Oct 2016 12:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.4	29.0
138	26.7	20.8	31.2

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