

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075517.D
 Acq On : 15 Nov 2014 2:13
 Operator : TP / JJ
 Sample : PB80280BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB80280BS

Quant Time: Nov 15 02:50:05 2014
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 18:46:55 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	52208	20.00	ng	-0.02
21) Naphthalene-d8	9.13	136	223356	20.00	ng	-0.02
38) Acenaphthene-d10	11.32	164	113788	20.00	ng	-0.02
63) Phenanthrene-d10	13.16	188	189481	20.00	ng	-0.03
75) Chrysene-d12	16.45	240	193053	20.00	ng	-0.09
86) Perylene-d12	18.19	264	194258	20.00	ng	-0.25

System Monitoring Compounds

5) 2-Fluorophenol	5.84	112	448141	151.64	ng	-0.02
7) Phenol-d6	7.10	99	568920	160.09	ng	-0.01
23) Nitrobenzene-d5	8.24	82	310625	101.96	ng	-0.02
41) 2,4,6-Tribromophenol	12.30	330	135488	142.16	ng	-0.02
44) 2-Fluorobiphenyl	10.48	172	613819	97.48	ng	-0.01
78) Terphenyl-d14	0.00	244	0	0.00	ng	

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	49757	40.11	ng	95
6) Aniline	7.13	93	145567	28.36	ng	98
8) 2-Chlorophenol	7.28	128	154828	45.27	ng	94
9) Benzaldehyde	7.00	77	9926	4.15	ng	99
10) Phenol	7.11	94	216286	49.89	ng	88
11) bis(2-Chloroethyl)ether	7.24	93	162629	49.53	ng	# 82
12) 1,3-Dichlorobenzene	7.48	146	161055	43.21	ng	98
13) 1,4-Dichlorobenzene	7.57	146	165171	43.56	ng	98
14) 1,2-Dichlorobenzene	7.76	146	154377	43.42	ng	# 92
15) Benzyl Alcohol	7.73	79	125701	45.06	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.91	45	315080	46.35	ng	94
17) 2-Methylphenol	7.86	107	127853	45.15	ng	98
18) Hexachloroethane	8.17	117	58218	44.77	ng	96
19) n-Nitroso-di-n-propylamine	8.06	70	110372	45.58	ng	98
20) 3+4-Methylphenols	8.06	107	165049	44.52	ng	88
22) Acetophenone	8.06	105	222933	46.27	ng	96
24) Nitrobenzene	8.26	77	173903	49.26	ng	99
25) Isophorone	8.56	82	320221	46.04	ng	99
26) 2-Nitrophenol	8.65	139	74733	46.45	ng	96
27) 2,4-Dimethylphenol	8.71	122	146119	46.86	ng	98
28) bis(2-Chloroethoxy)methane	8.84	93	203299	47.96	ng	99
29) 2,4-Dichlorophenol	8.95	162	121979	44.66	ng	95
30) 1,2,4-Trichlorobenzene	9.06	180	123949	43.21	ng	98
31) Naphthalene	9.16	128	472173	47.42	ng	100
32) Benzoic acid	8.80	122	72210	38.33	ng	91
33) 4-Chloroaniline	9.22	127	104808	24.22	ng	99
34) Hexachlorobutadiene	9.32	225	64754	41.78	ng	97
35) Caprolactam	9.65	113	43554	48.11	ng	# 69
36) 4-Chloro-3-methylphenol	9.82	107	134628	44.92	ng	92
37) 2-Methylnaphthalene	10.01	142	308291	45.38	ng	99
39) 1,2,4,5-Tetrachlorobenzene	10.22	216	113344	48.46	ng	98
40) Hexachlorocyclopentadiene	10.21	237	127085	89.44	ng	95
42) 2,4,6-Trichlorophenol	10.37	196	81719	43.93	ng	98
43) 2,4,5-Trichlorophenol	10.41	196	85321	44.04	ng	97

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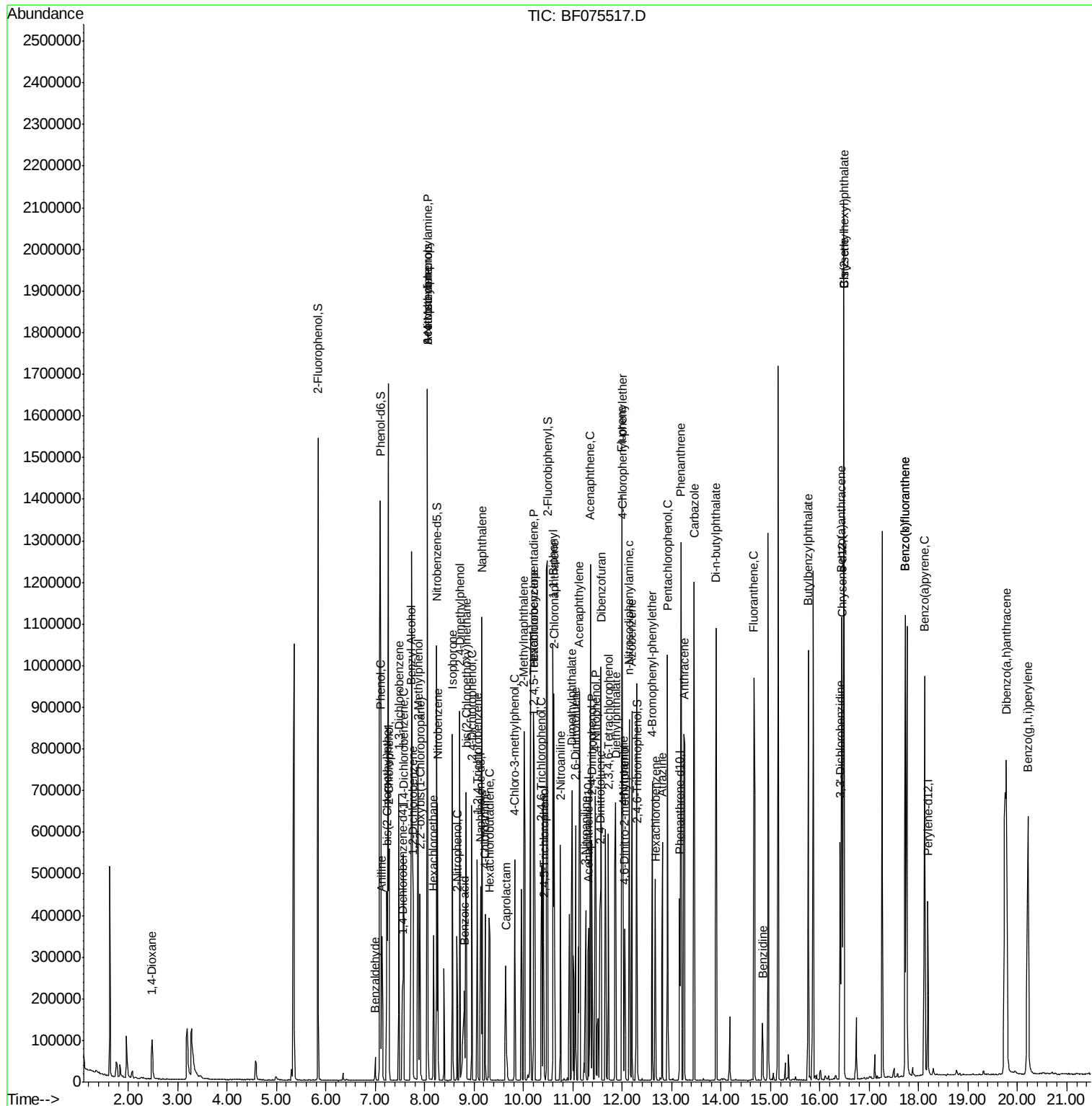
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	10.60	154	360464	46.96	ng	99
46) 2-Chloronaphthalene	10.62	162	289867	48.30	ng	97
47) 2-Nitroaniline	10.74	65	92790	51.39	ng	# 86
48) Acenaphthylene	11.13	152	476465	48.15	ng	99
49) Dimethylphthalate	10.98	163	358768	46.12	ng	99
50) 2,6-Dinitrotoluene	11.05	165	72632	47.41	ng	86
51) Acenaphthene	11.35	154	316829	53.04	ng	97
52) 3-Nitroaniline	11.26	138	74014	40.97	ng	# 85
53) 2,4-Dinitrophenol	11.38	184	70592	81.54	ng	87
54) Dibenzofuran	11.57	168	409982	48.03	ng	93
55) 4-Nitrophenol	11.45	139	145284	100.60	ng	94
56) 2,4-Dinitrotoluene	11.56	165	101073	50.21	ng	91
57) Fluorene	11.99	166	333706	48.34	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.72	232	73233	47.63	ng	95
59) Diethylphthalate	11.86	149	348676	43.20	ng	96
60) 4-Chlorophenyl-phenylether	12.00	204	138568	46.68	ng	# 86
61) 4-Nitroaniline	12.01	138	86902	48.12	ng	83
62) Azobenzene	12.20	77	332196	46.78	ng	90
64) 4,6-Dinitro-2-methylphenol	12.05	198	45351	47.32	ng	# 48
65) n-Nitrosodiphenylamine	12.14	169	271543	45.31	ng	100
66) 4-Bromophenyl-phenylether	12.61	248	87421	49.04	ng	# 89
67) Hexachlorobenzene	12.68	284	95828	47.34	ng	# 83
68) Atrazine	12.81	200	68686	36.93	ng	97
69) Pentachlorophenol	12.92	266	118565	93.31	ng	99
70) Phenanthrene	13.19	178	500921	50.23	ng	99
71) Anthracene	13.26	178	512995	49.77	ng	98
72) Carbazole	13.45	167	480481	47.64	ng	98
73) Di-n-butylphthalate	13.90	149	596571	42.82	ng	100
74) Fluoranthene	14.67	202	518222	48.52	ng	97
76) Benzidine	14.84	184	57186	9.32	ng	99
79) Butylbenzylphthalate	15.76	149	267526	42.44	ng	# 82
80) Benzo(a)anthracene	16.44	228	504612	49.76	ng	99
81) 3,3'-Dichlorobenzidine	16.41	252	149958	40.05	ng	# 91
82) Chrysene	16.48	228	451643	51.49	ng	98
83) Bis(2-ethylhexyl)phthalate	16.48	149	392890	39.57	ng	100
87) Benzo(b)fluoranthene	17.73	252	504969	48.62	ng	# 96
88) Benzo(k)fluoranthene	17.73	252	504969	54.18	ng	96
89) Benzo(a)pyrene	18.12	252	496623	53.44	ng	97
90) Dibenzo(a,h)anthracene	19.77	278	523499	53.94	ng	# 96
91) Benzo(g,h,i)perylene	20.21	276	523362	56.60	ng	98

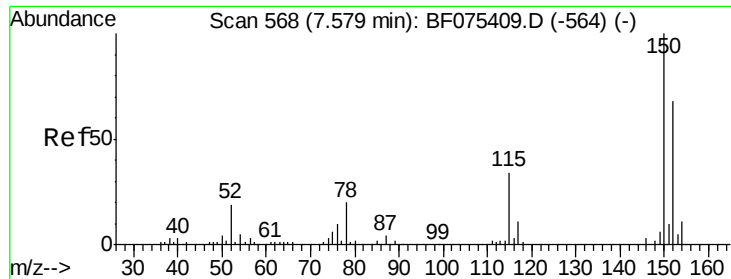
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.56 min Scan# 566

Delta R.T. -0.02 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

Instrument :

BNA_F

ClientSampleId :

PB80280BS

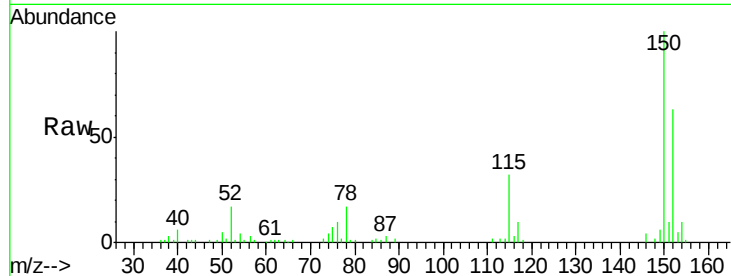
Tgt Ion:152 Resp: 52208

Ion Ratio Lower Upper

152 100

150 159.3 127.2 190.8

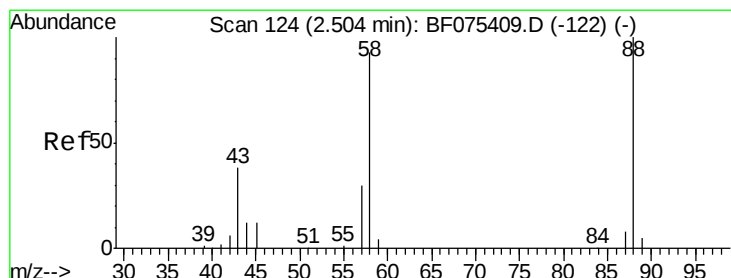
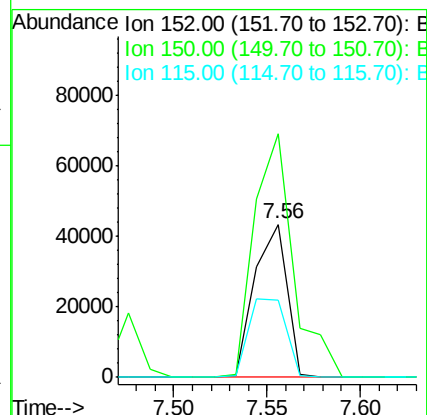
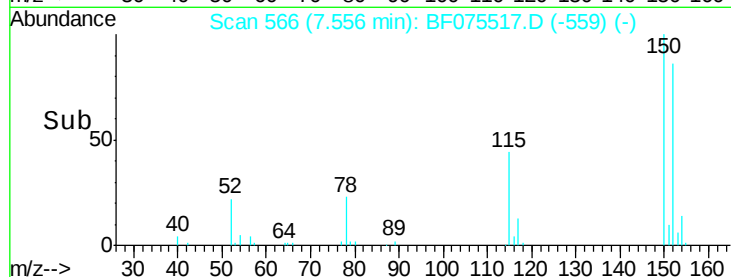
115 50.9 57.1 85.7#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.11 ng

RT: 2.48 min Scan# 122

Delta R.T. -0.05 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

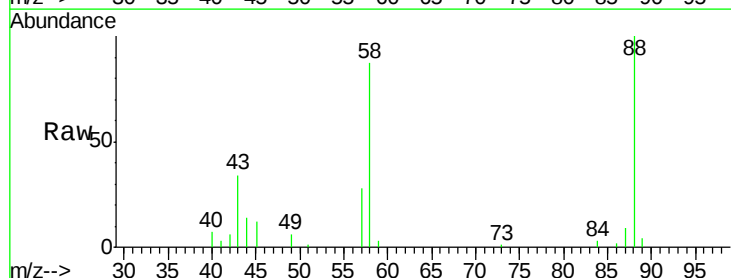
Tgt Ion: 88 Resp: 49757

Ion Ratio Lower Upper

88 100

58 94.3 73.5 110.3

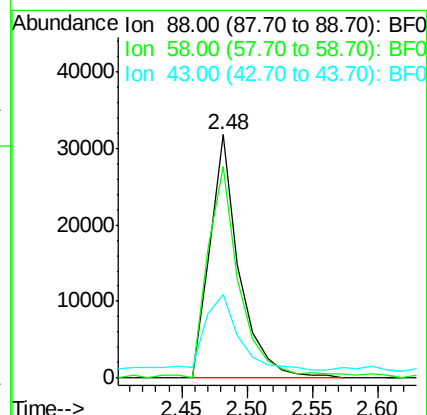
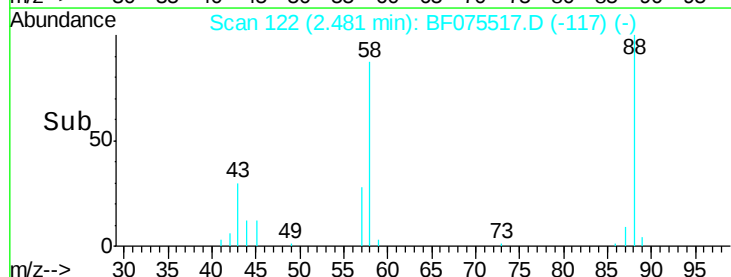
43 33.8 31.9 47.9

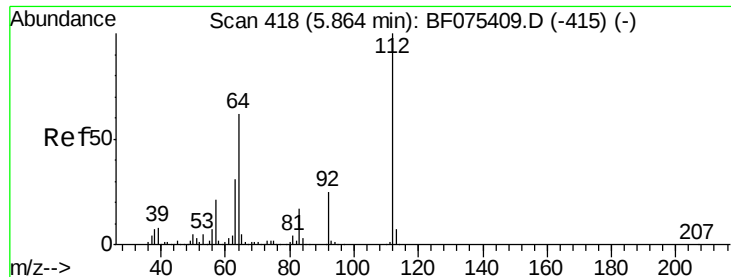


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 151.64 ng

RT: 5.84 min Scan# 416

Delta R.T. -0.02 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

Instrument :

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PB80280BS

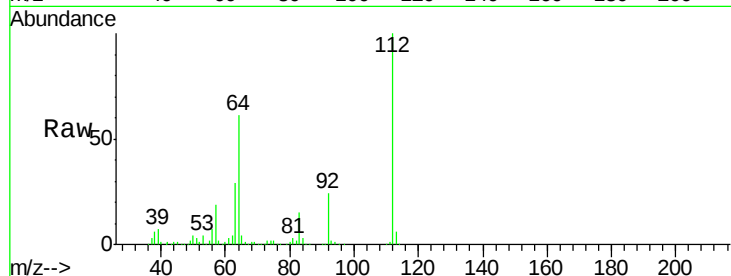
Tgt Ion: 112 Resp: 448141

Ion Ratio Lower Upper

112 100

64 61.4 45.8 68.6

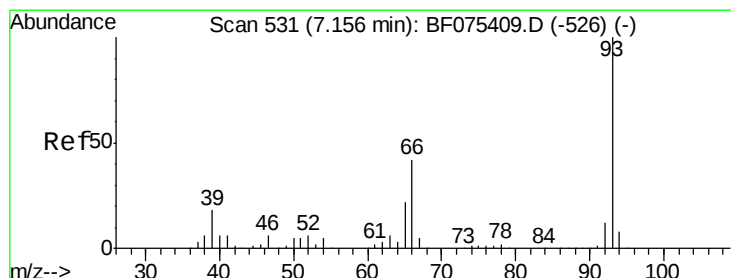
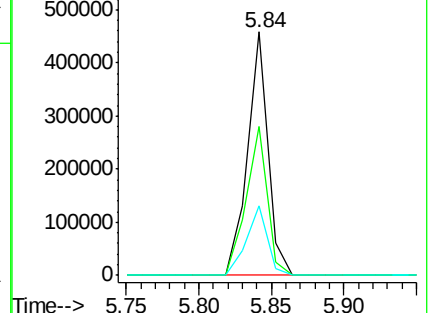
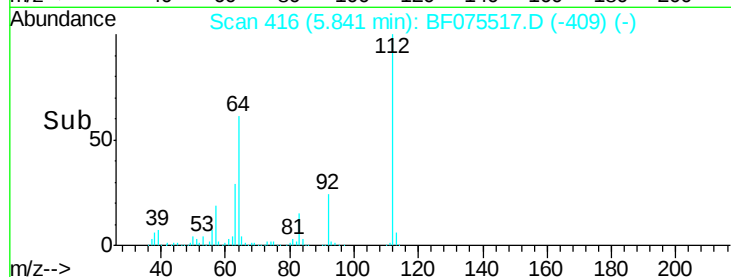
63 28.8 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 28.36 ng

RT: 7.13 min Scan# 529

Delta R.T. -0.02 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

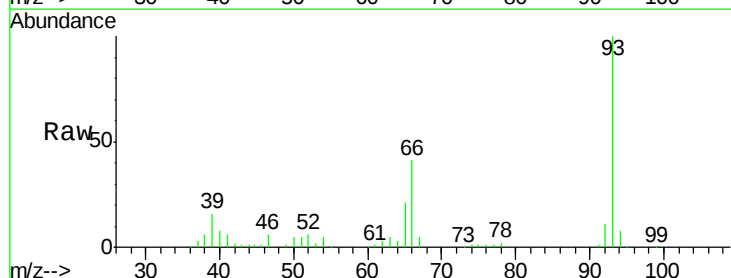
Tgt Ion: 93 Resp: 145567

Ion Ratio Lower Upper

93 100

66 41.5 31.8 47.8

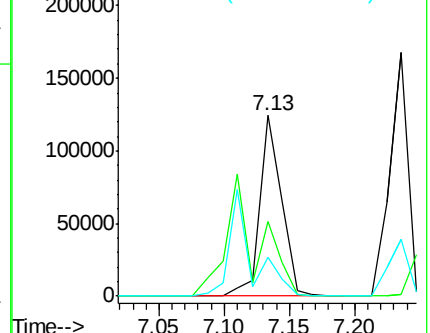
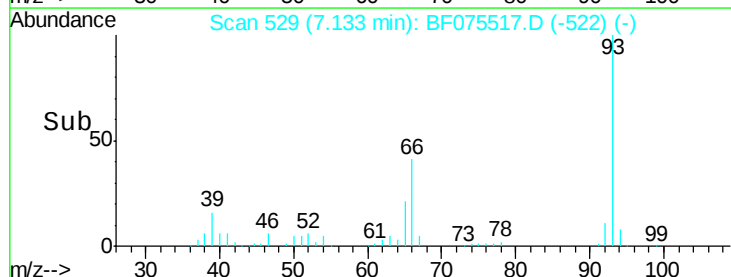
65 21.3 16.6 25.0

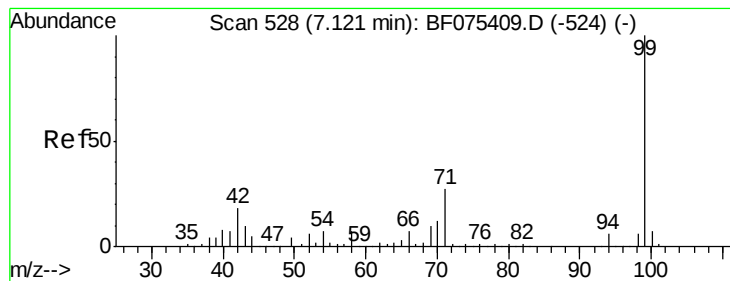


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 160.09 ng

RT: 7.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

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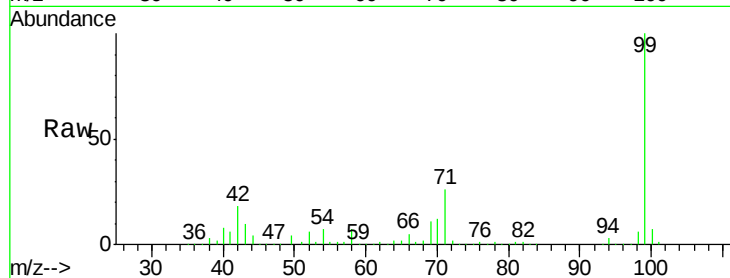
Tgt Ion: 99 Resp: 568920

Ion Ratio Lower Upper

99 100

42 17.9 19.8 29.6#

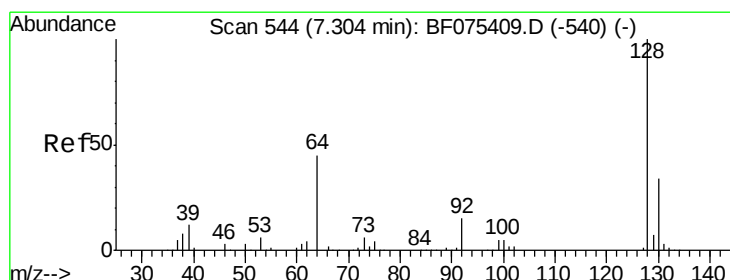
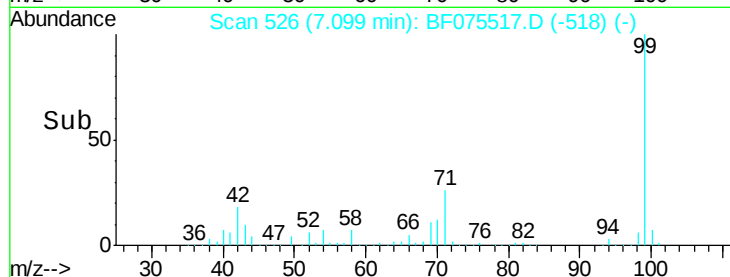
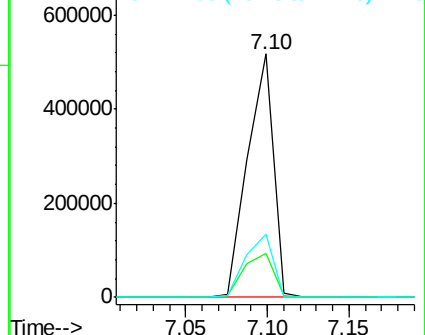
71 25.9 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 45.27 ng

RT: 7.28 min Scan# 542

Delta R.T. -0.02 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

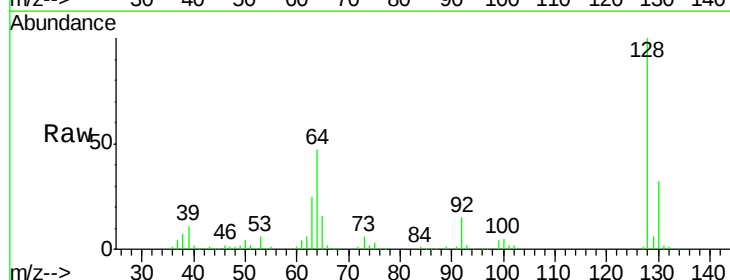
Tgt Ion: 128 Resp: 154828

Ion Ratio Lower Upper

128 100

130 32.0 12.7 52.7

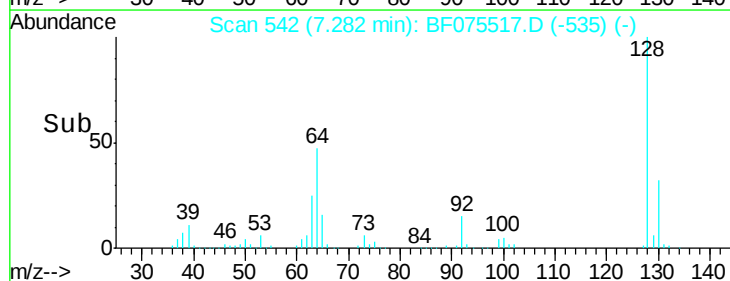
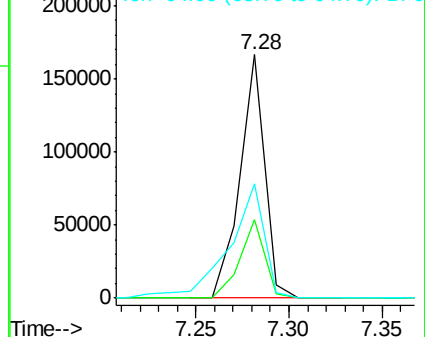
64 46.9 20.3 60.3

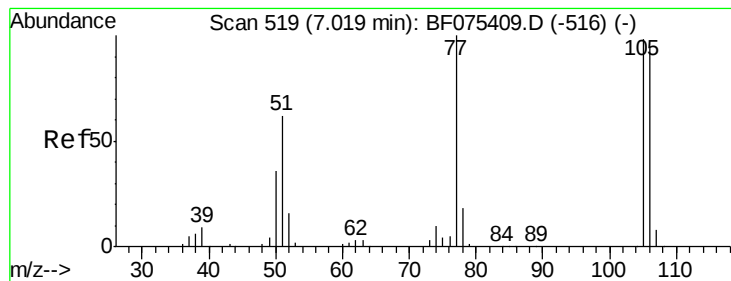


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 4.15 ng

RT: 7.00 min Scan# 517

Delta R.T. -0.02 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

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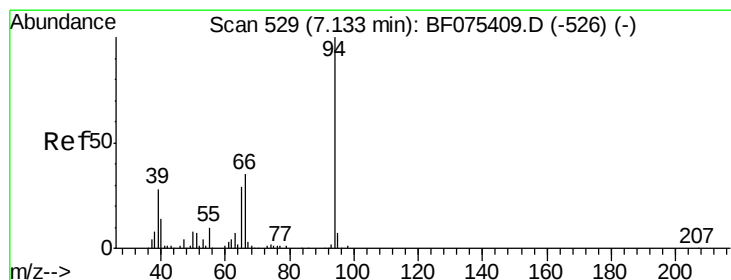
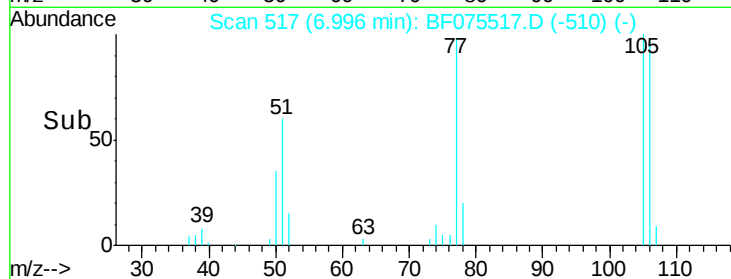
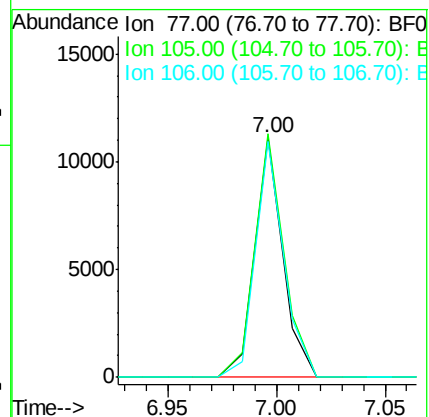
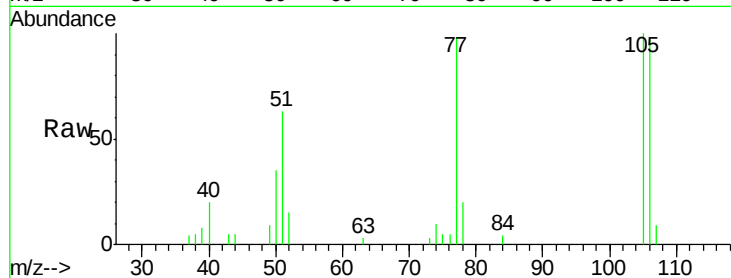
Tgt Ion: 77 Resp: 9926

Ion Ratio Lower Upper

77 100

105 101.7 81.6 121.6

106 98.4 77.5 117.5



#10

Phenol

Concen: 49.89 ng

RT: 7.11 min Scan# 527

Delta R.T. -0.02 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

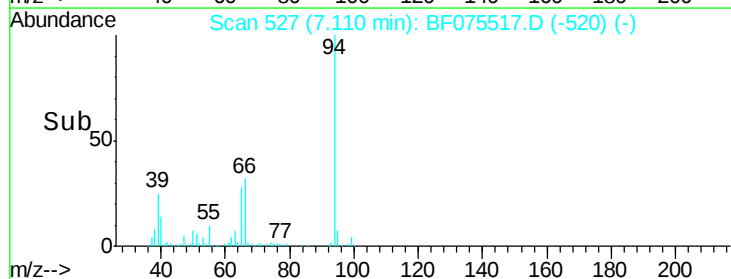
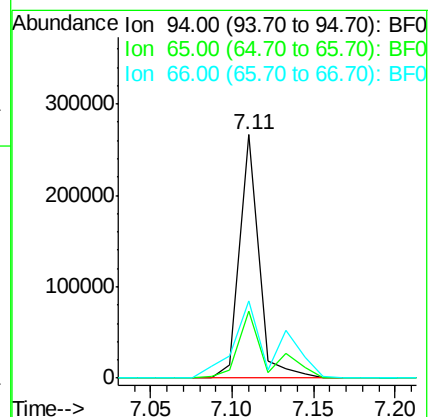
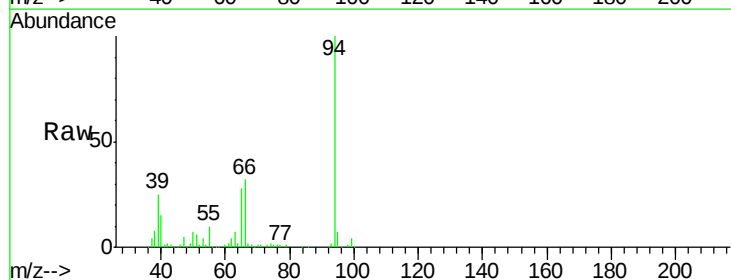
Tgt Ion: 94 Resp: 216286

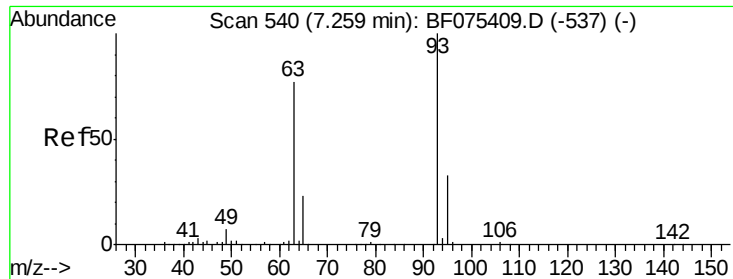
Ion Ratio Lower Upper

94 100

65 27.7 13.1 53.1

66 31.7 20.8 60.8

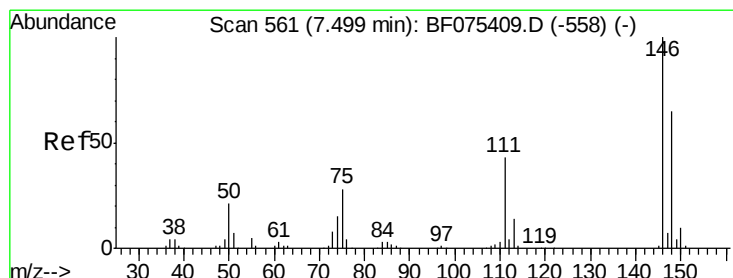
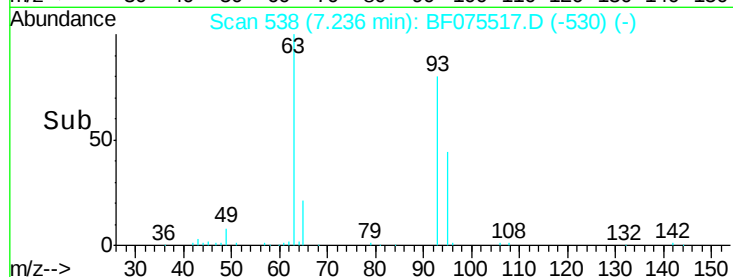
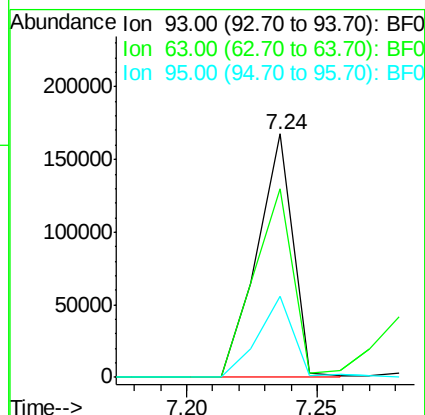
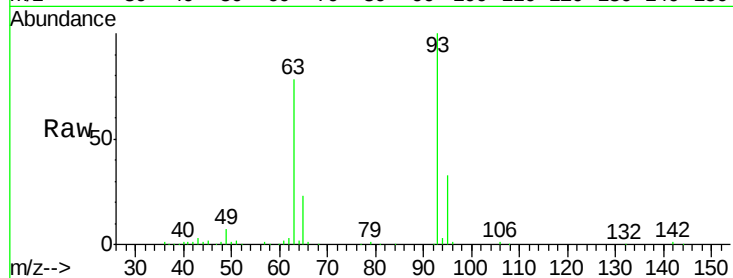




#11
bis(2-Chloroethyl)ether
Concen: 49.53 ng
RT: 7.24 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

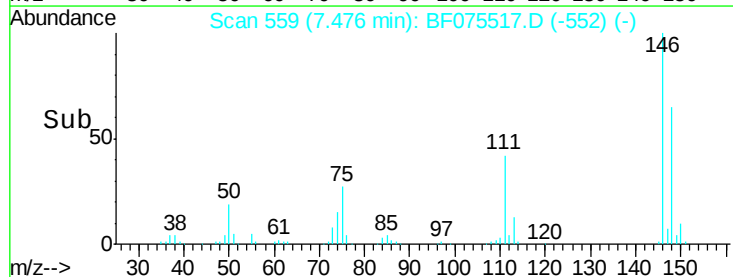
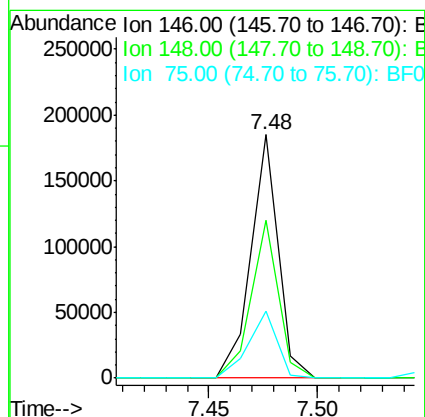
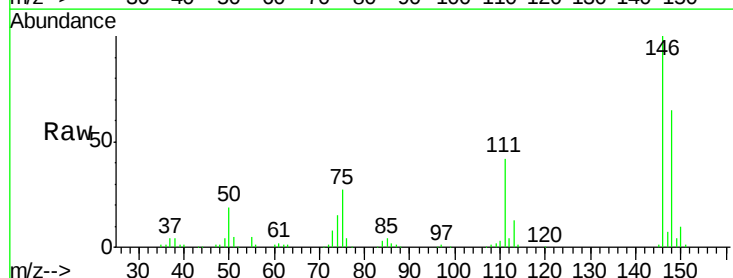
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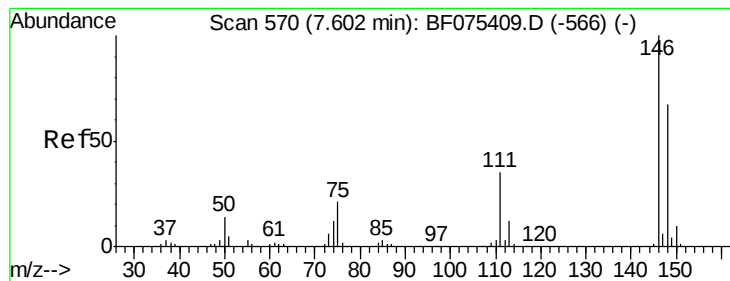
Tgt Ion: 93 Resp: 162629
Ion Ratio Lower Upper
93 100
63 77.5 79.8 119.8#
95 33.3 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 43.21 ng
RT: 7.48 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Tgt Ion: 146 Resp: 161055
Ion Ratio Lower Upper
146 100
148 64.8 53.1 79.7
75 27.3 21.5 32.3





#13

1,4-Dichlorobenzene

Concen: 43.56 ng

RT: 7.57 min Scan# 567

Delta R.T. -0.02 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

Instrument :

BNA_F

ClientSampleId :

PB80280BS

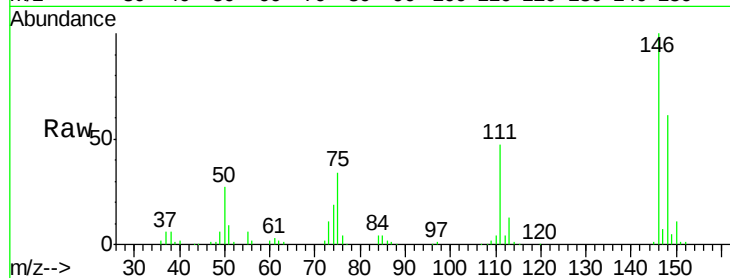
Tgt Ion:146 Resp: 165171

Ion Ratio Lower Upper

146 100

148 61.3 49.9 74.9

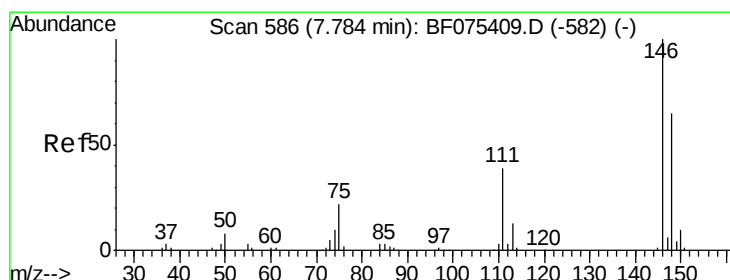
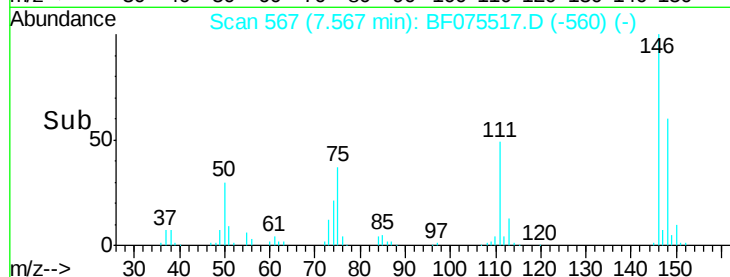
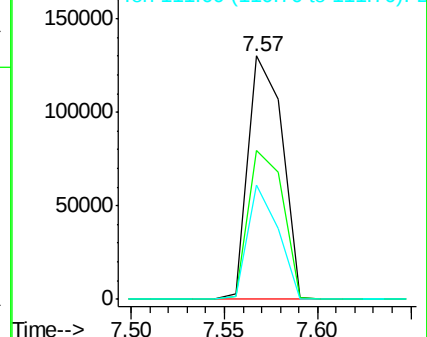
111 47.0 35.8 53.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.42 ng

RT: 7.76 min Scan# 584

Delta R.T. -0.01 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

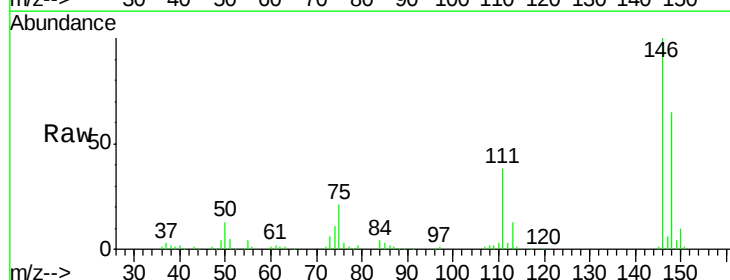
Tgt Ion:146 Resp: 154377

Ion Ratio Lower Upper

146 100

148 64.6 50.7 76.1

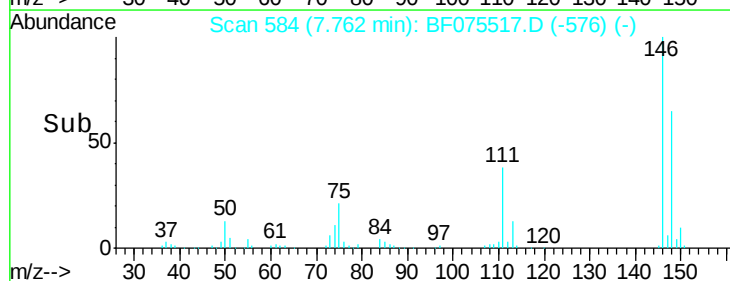
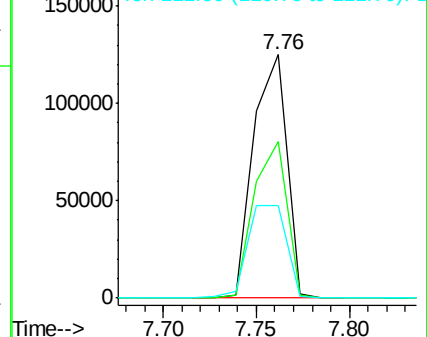
111 38.2 39.9 59.9#

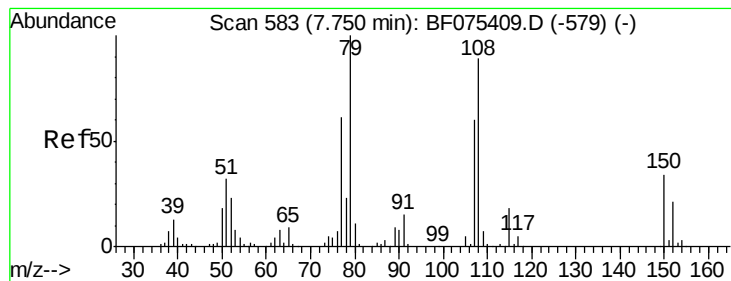


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.06 ng

RT: 7.73 min Scan# 581

Delta R.T. -0.01 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

Instrument :

BNA_F

ClientSampleId :

PB80280BS

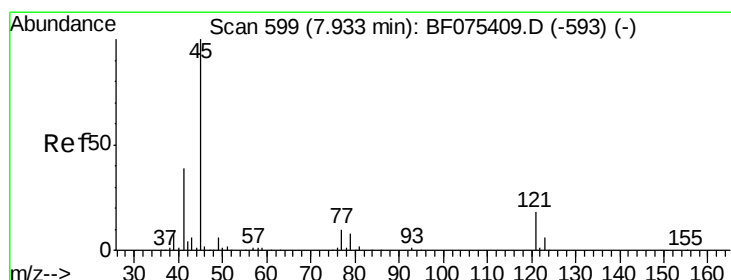
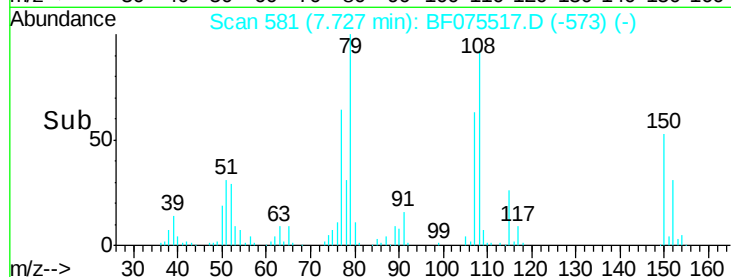
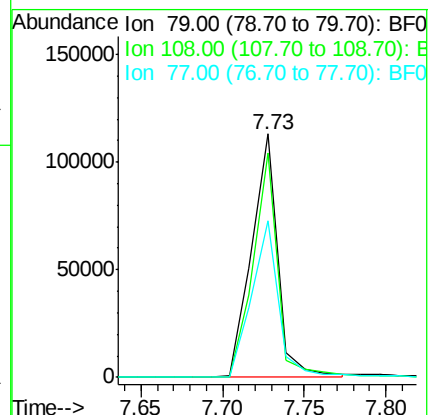
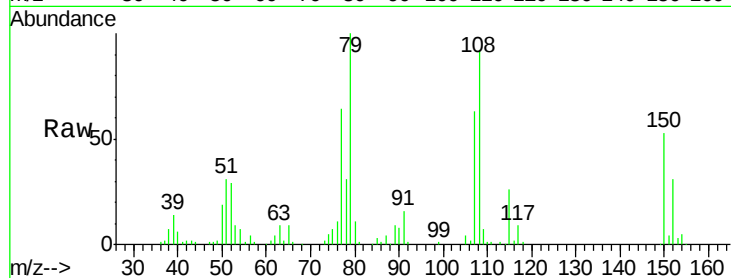
Tgt Ion: 79 Resp: 125701

Ion Ratio Lower Upper

79 100

108 92.2 75.5 113.3

77 64.1 52.1 78.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 46.35 ng

RT: 7.91 min Scan# 597

Delta R.T. -0.01 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

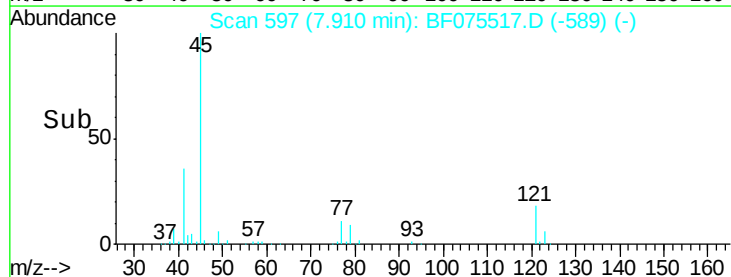
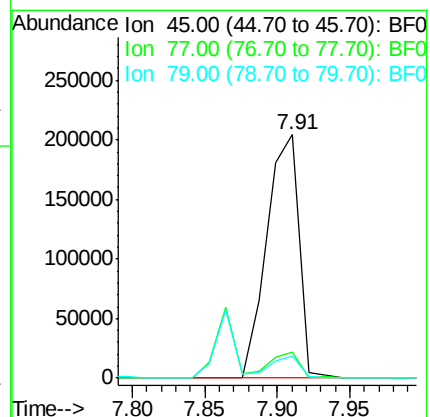
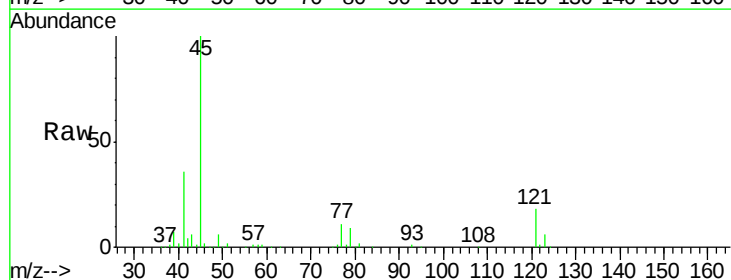
Tgt Ion: 45 Resp: 315080

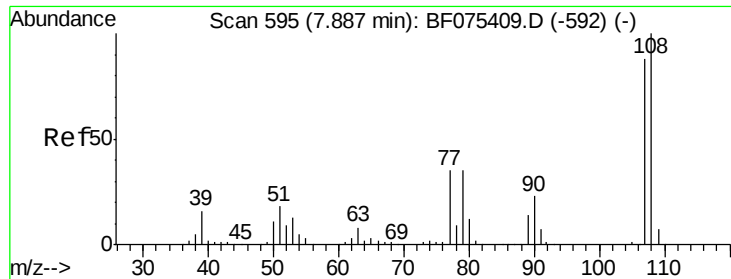
Ion Ratio Lower Upper

45 100

77 10.7 0.0 28.6

79 8.9 0.0 26.5

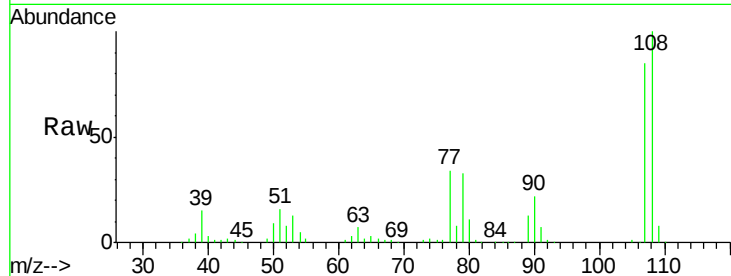




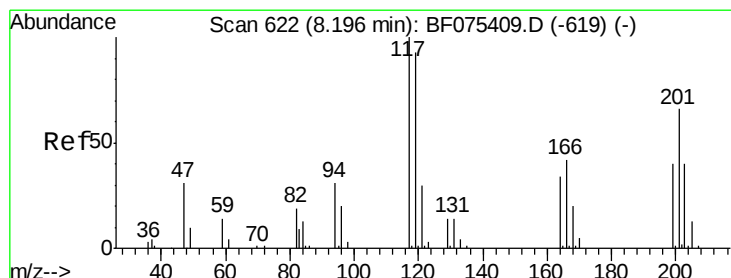
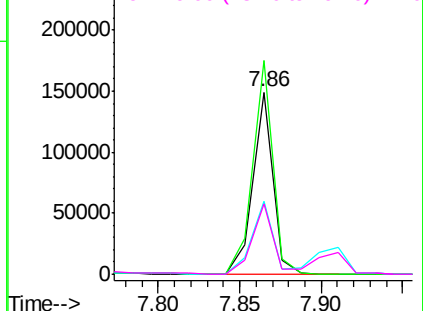
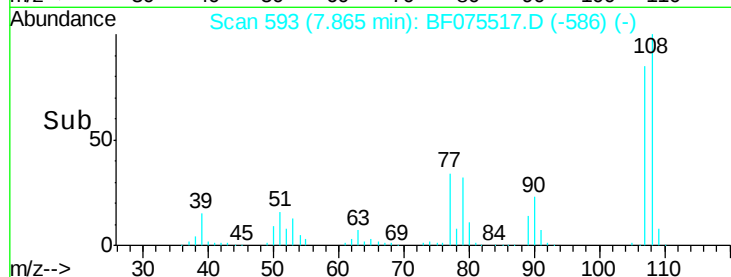
#17
2-Methylphenol
Concen: 45.15 ng
RT: 7.86 min Scan# 593
Delta R.T. -0.02 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Instrument :
BNA_F
ClientSampleId :
PB80280BS

Tgt Ion:	107	Resp:	127853
Ion	Ratio	Lower	Upper
107	100		
108	117.4	95.6	143.4
77	40.1	30.2	45.4
79	38.7	31.3	46.9

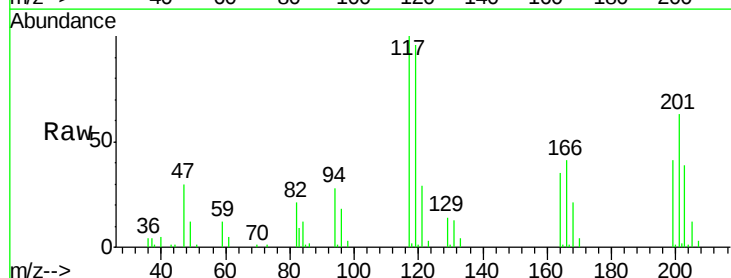


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

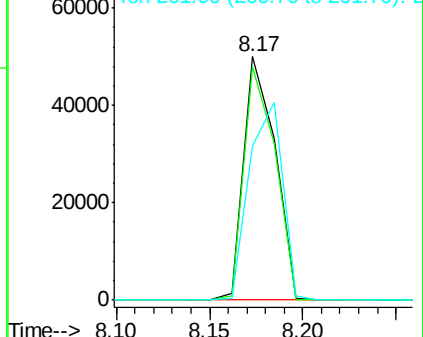
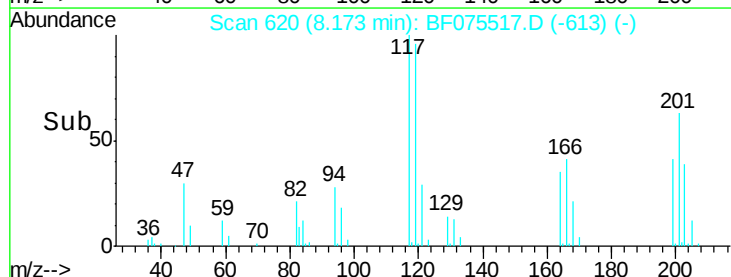


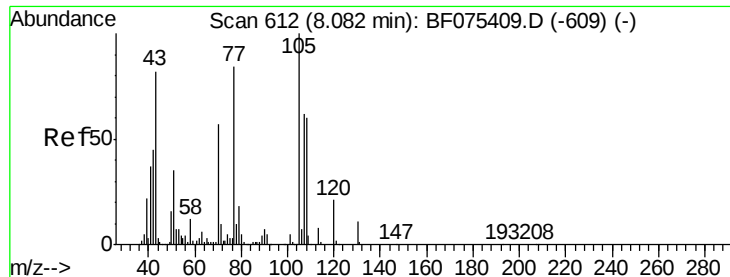
#18
Hexachloroethane
Concen: 44.77 ng
RT: 8.17 min Scan# 620
Delta R.T. -0.02 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Tgt Ion:	117	Resp:	58218
Ion	Ratio	Lower	Upper
117	100		
119	95.6	72.9	109.3
201	63.2	48.2	72.4



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

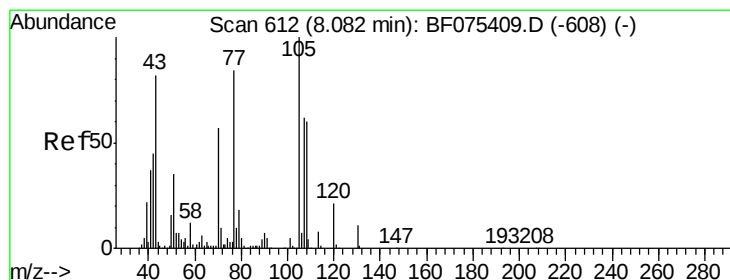
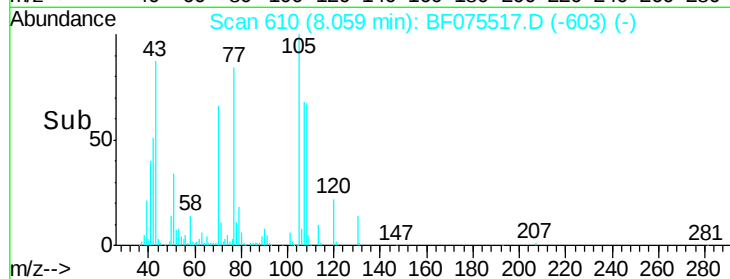
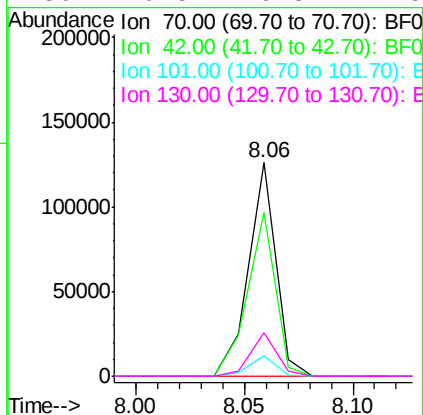
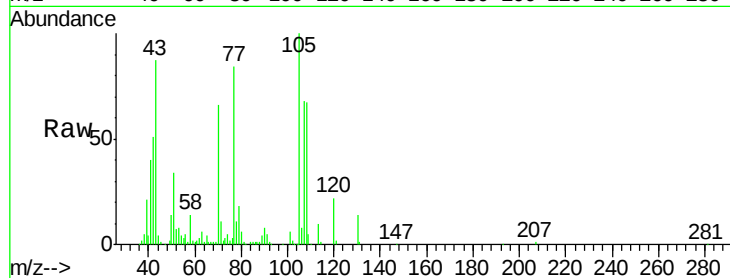




#19
n-Nitroso-di-n-propylamine
Concen: 45.58 ng
RT: 8.06 min Scan# 610
Delta R.T. -0.02 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

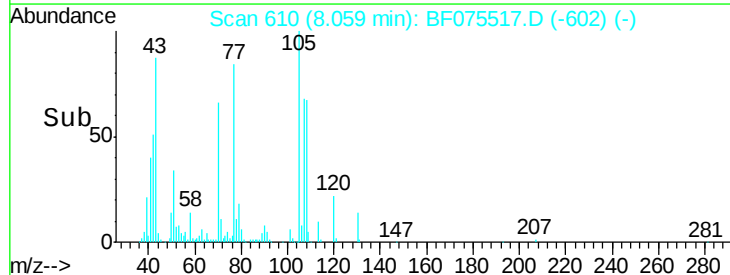
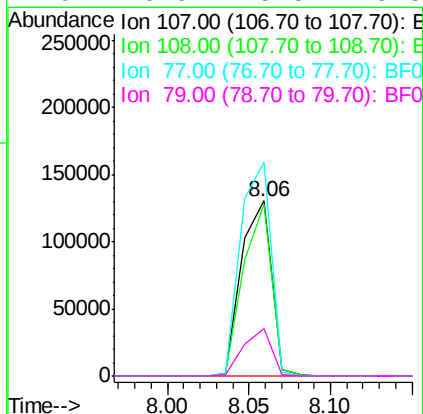
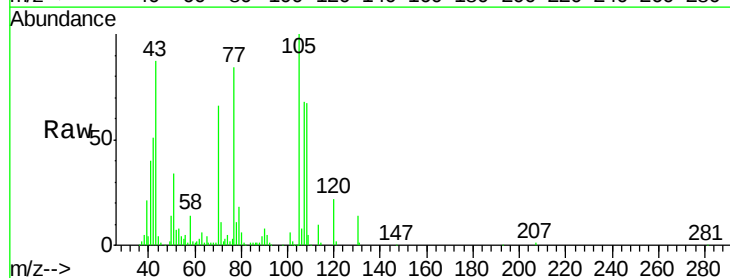
Instrument :
BNA_F
ClientSampleId :
PB80280BS

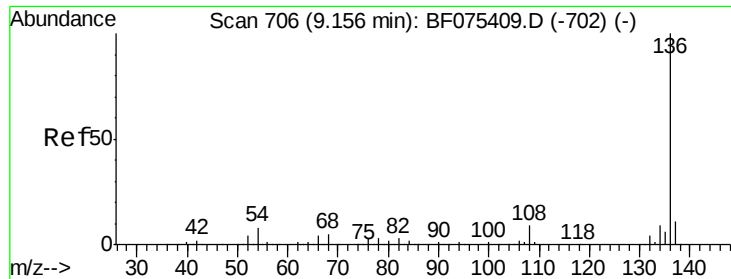
Tgt Ion:	70	Resp:	110372
Ion	Ratio	Lower	Upper
70	100		
42	76.6	63.0	94.6
101	9.8	7.5	11.3
130	20.5	16.3	24.5



#20
3+4-Methylphenols
Concen: 44.52 ng
RT: 8.06 min Scan# 610
Delta R.T. -0.01 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Tgt Ion:	107	Resp:	165049
Ion	Ratio	Lower	Upper
107	100		
108	98.3	69.6	109.6
77	122.2	84.4	124.4
79	26.9	5.5	45.5

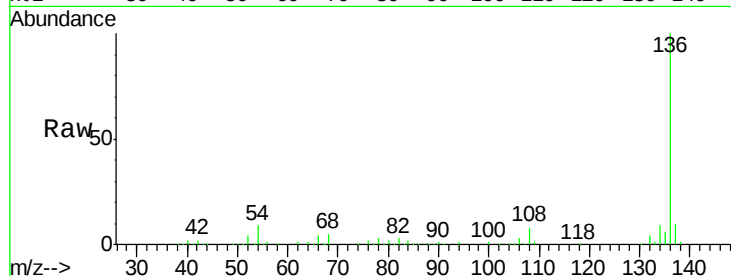




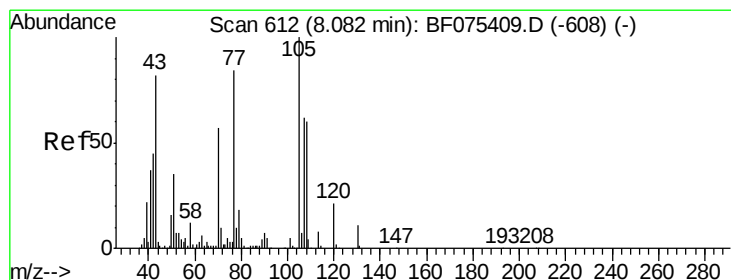
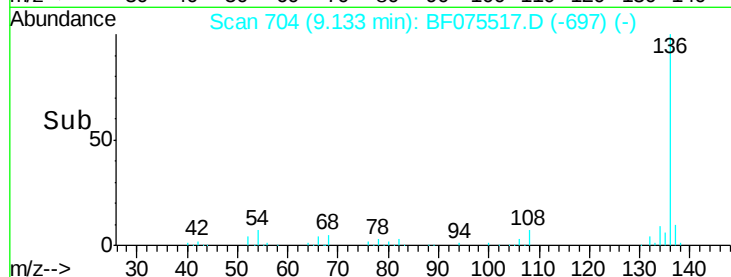
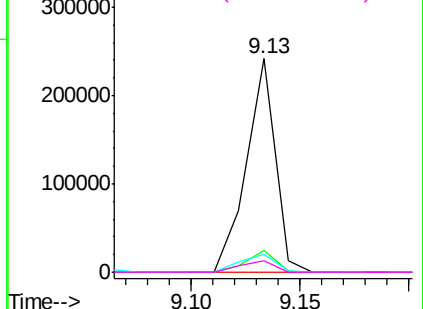
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.13 min Scan# 704
Delta R.T. -0.02 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Instrument :
BNA_F
ClientSampleId :
PB80280BS

Tgt Ion:	136	Resp:	223356
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.2	12.4
54	8.7	6.2	9.4
68	5.4	3.4	5.2#

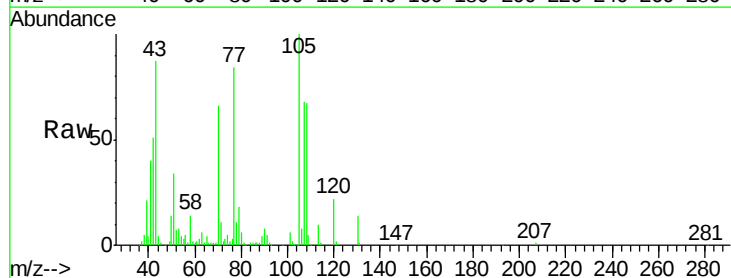


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

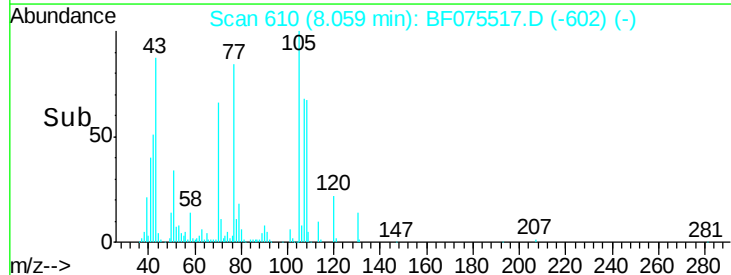
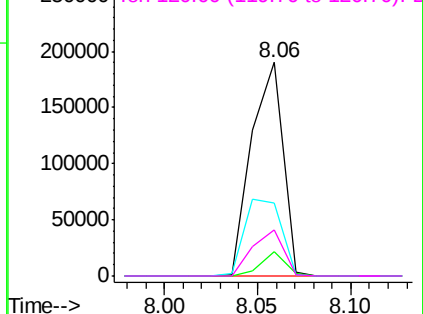


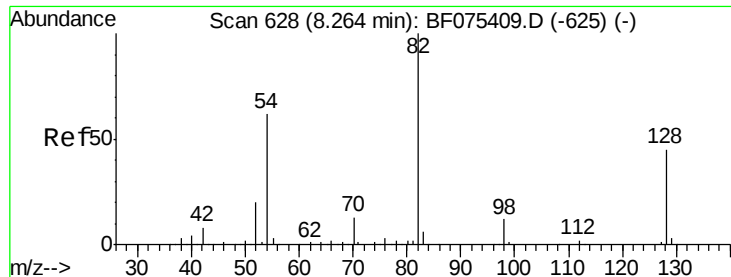
#22
Acetophenone
Concen: 46.27 ng
RT: 8.06 min Scan# 610
Delta R.T. -0.01 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Tgt Ion:	105	Resp:	222933
Ion Ratio	Lower	Upper	
105	100		
71	11.4	10.5	15.7
51	34.2	24.2	36.2
120	21.8	17.5	26.3



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

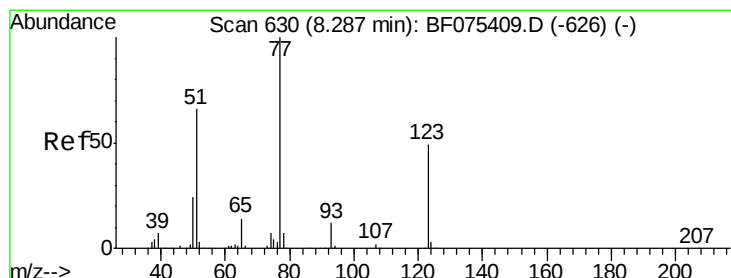
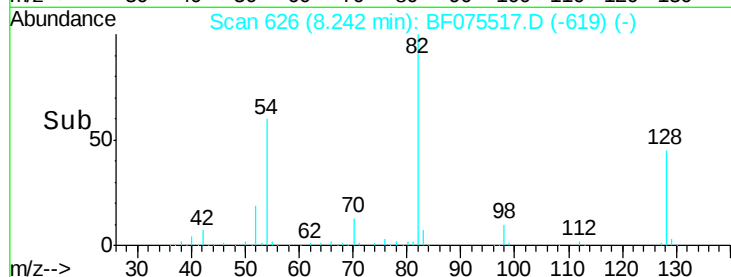
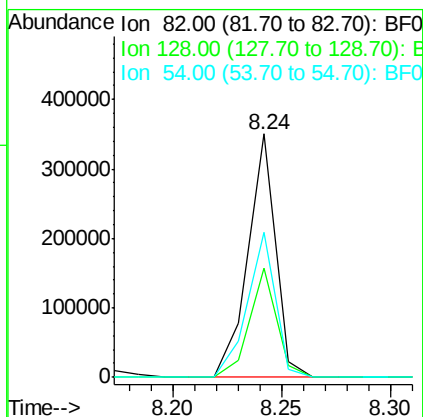
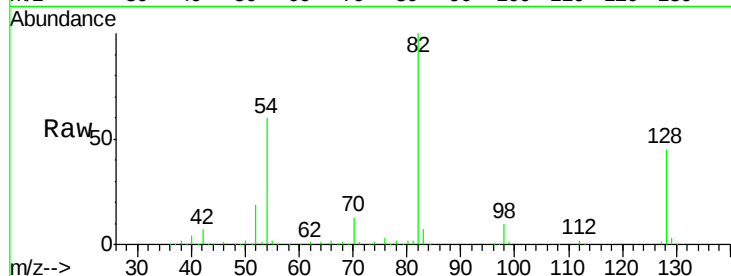




#23
 Nitrobenzene-d5
 Concen: 101.96 ng
 RT: 8.24 min Scan# 626
 Delta R.T. -0.02 min
 Lab File: BF075517.D
 Acq: 15 Nov 2014 2:13

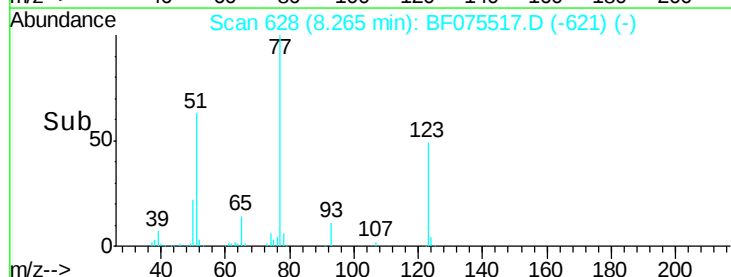
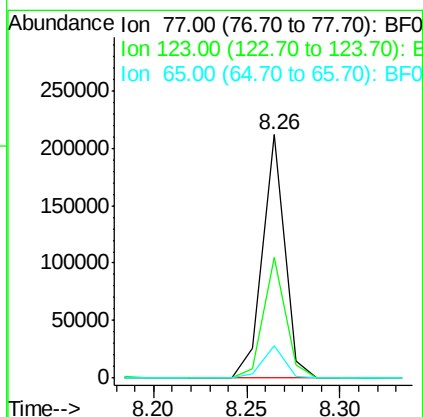
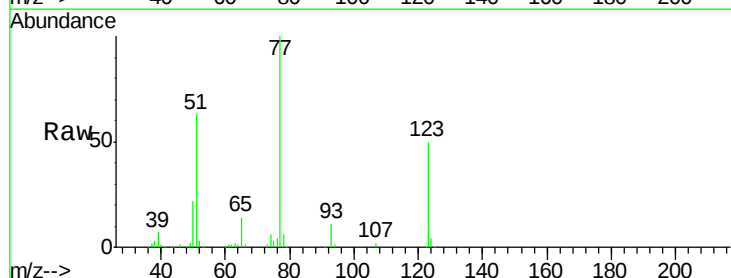
Instrument :
 BNA_F
 ClientSampleId :
 PB80280BS

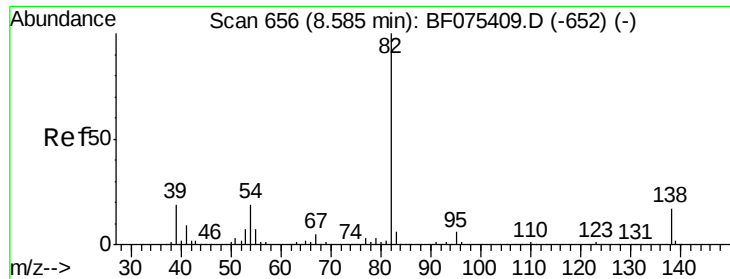
Tgt Ion: 82 Resp: 310625
 Ion Ratio Lower Upper
 82 100
 128 45.1 37.8 56.6
 54 59.8 49.8 74.8



#24
 Nitrobenzene
 Concen: 49.26 ng
 RT: 8.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF075517.D
 Acq: 15 Nov 2014 2:13

Tgt Ion: 77 Resp: 173903
 Ion Ratio Lower Upper
 77 100
 123 49.6 39.0 58.4
 65 13.5 10.6 15.8





#25

Isophorone

Concen: 46.04 ng

RT: 8.56 min Scan# 654

Delta R.T. -0.02 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

Instrument :

BNA_F

ClientSampleId :

PB80280BS

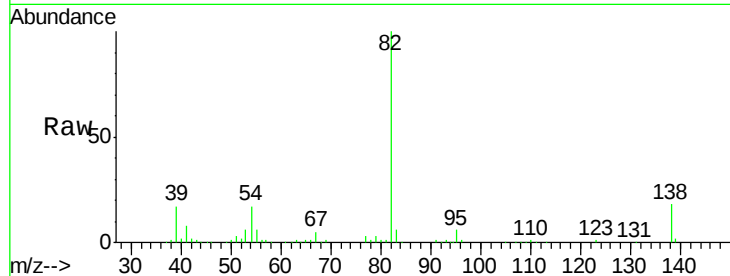
Tgt Ion: 82 Resp: 320221

Ion Ratio Lower Upper

82 100

95 6.1 5.2 7.8

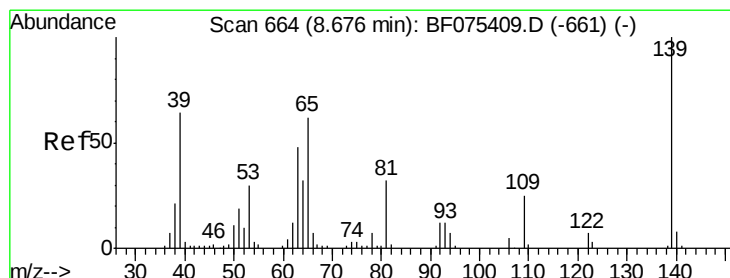
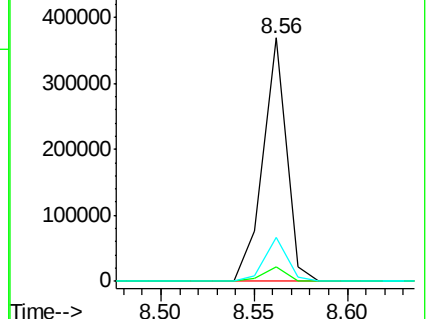
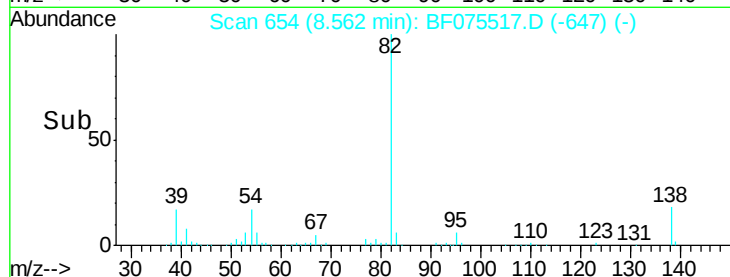
138 18.2 15.0 22.6



Abundance Ion 82.00 (81.70 to 82.70): BF075409.D (-652) (-)

Ion 95.00 (94.70 to 95.70): BF075409.D (-652) (-)

Ion 138.00 (137.70 to 138.70): BF075409.D (-652) (-)



#26

2-Nitrophenol

Concen: 46.45 ng

RT: 8.65 min Scan# 662

Delta R.T. -0.02 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

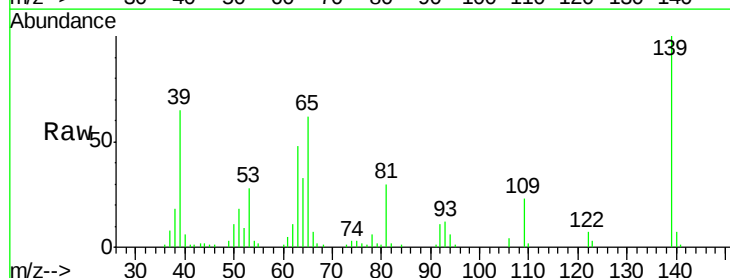
Tgt Ion: 139 Resp: 74733

Ion Ratio Lower Upper

139 100

109 22.7 22.3 33.5

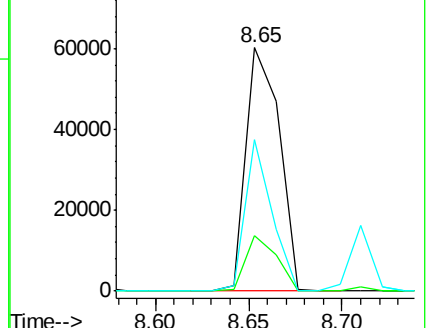
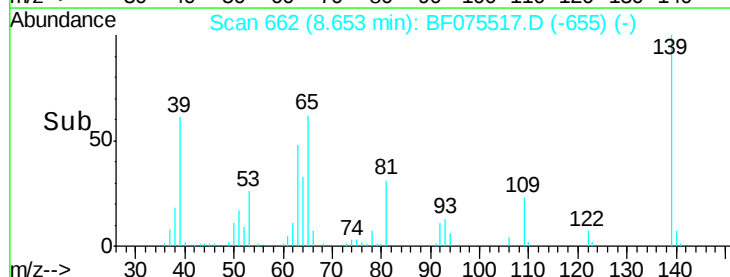
65 62.2 49.1 73.7

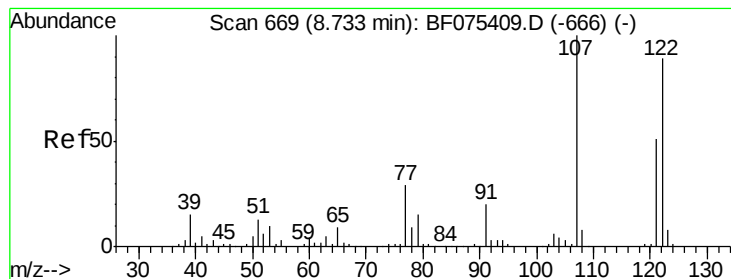


Abundance Ion 139.00 (138.70 to 139.70): BF075409.D (-661) (-)

Ion 109.00 (108.70 to 109.70): BF075409.D (-661) (-)

Ion 65.00 (64.70 to 65.70): BF075409.D (-661) (-)





#27

2,4-Dimethylphenol

Concen: 46.86 ng

RT: 8.71 min Scan# 667

Delta R.T. -0.02 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

Instrument :

BNA_F

ClientSampleId :

PB80280BS

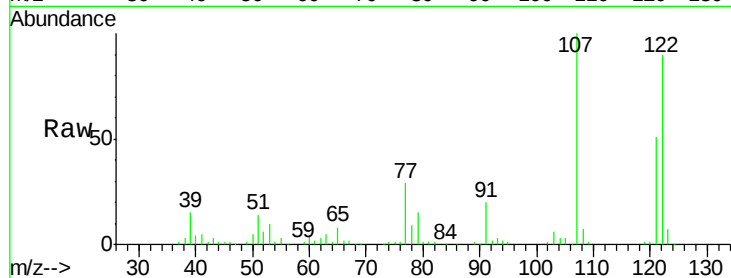
Tgt Ion:122 Resp: 146119

Ion Ratio Lower Upper

122 100

107 111.0 86.5 129.7

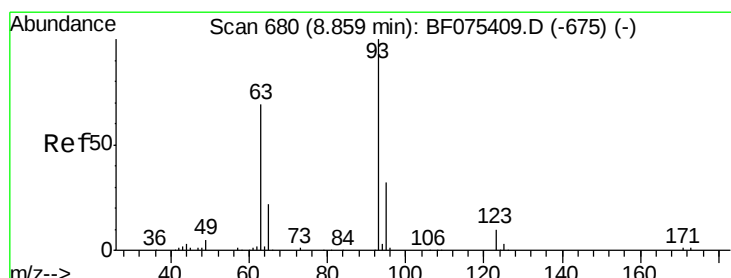
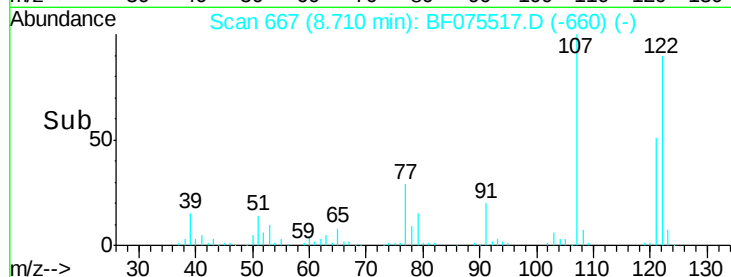
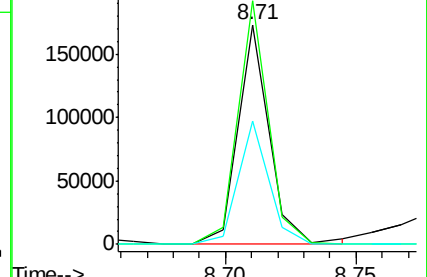
121 56.3 45.4 68.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 47.96 ng

RT: 8.84 min Scan# 678

Delta R.T. -0.02 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

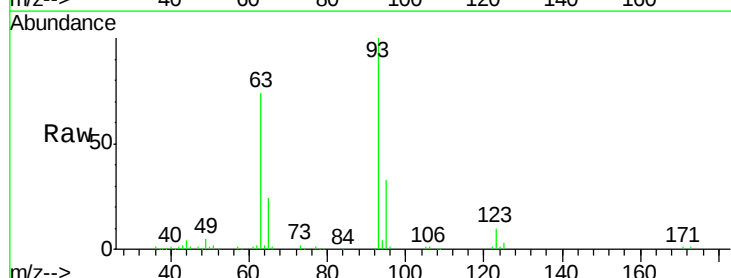
Tgt Ion: 93 Resp: 203299

Ion Ratio Lower Upper

93 100

95 32.5 26.2 39.4

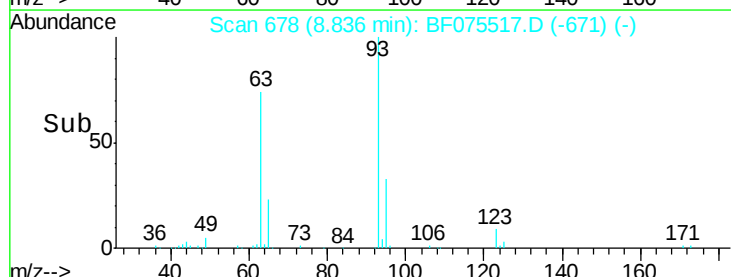
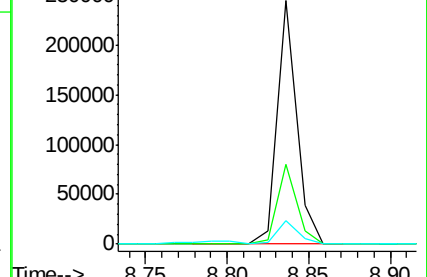
123 9.8 8.8 13.2

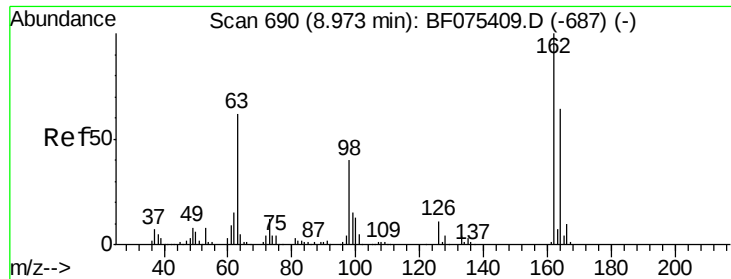


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 44.66 ng

RT: 8.95 min Scan# 688

Delta R.T. -0.02 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

Instrument :

BNA_F

ClientSampleId :

PB80280BS

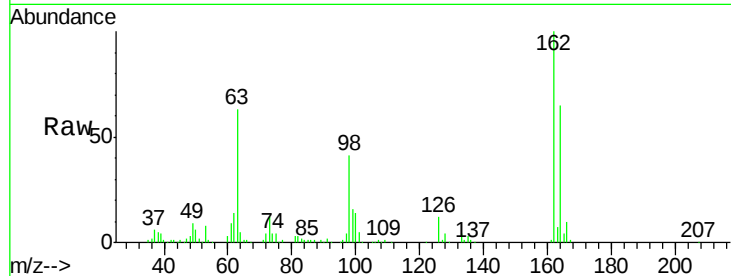
Tgt Ion:162 Resp: 121979

Ion Ratio Lower Upper

162 100

164 64.9 43.8 83.8

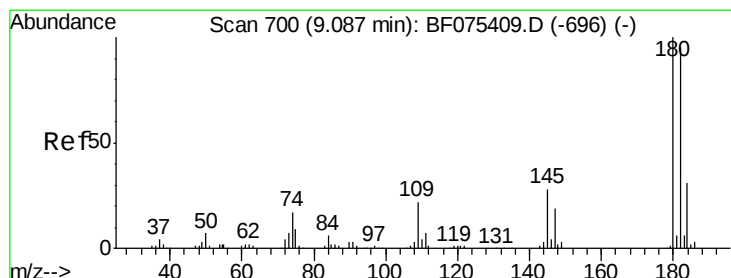
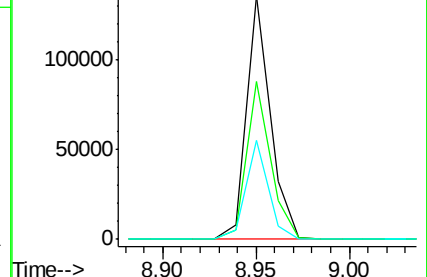
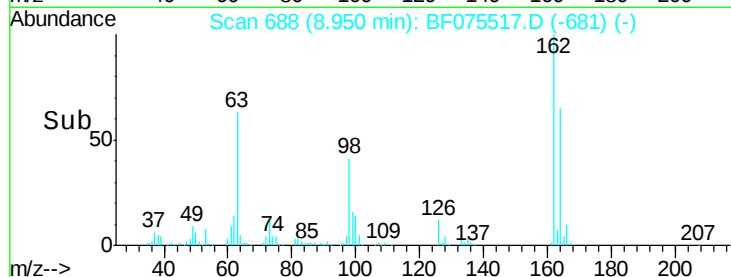
98 40.8 14.6 54.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 43.21 ng

RT: 9.06 min Scan# 698

Delta R.T. -0.02 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

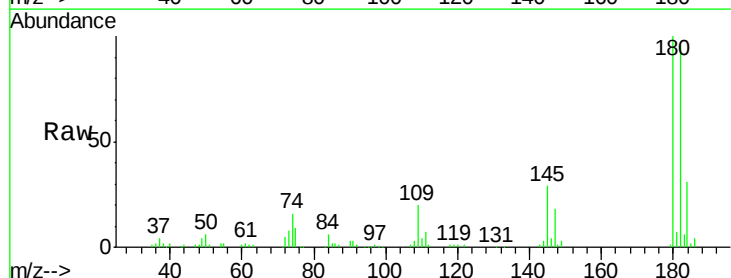
Tgt Ion:180 Resp: 123949

Ion Ratio Lower Upper

180 100

182 96.4 78.4 117.6

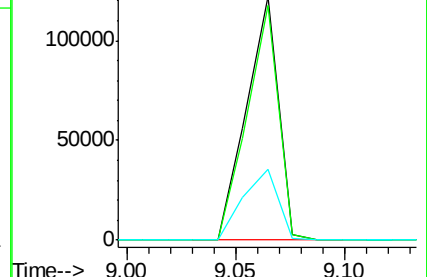
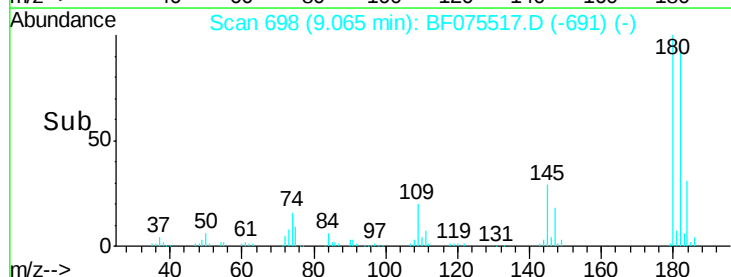
145 29.2 22.3 33.5

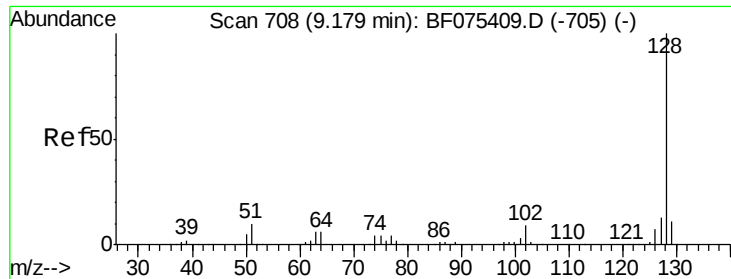


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

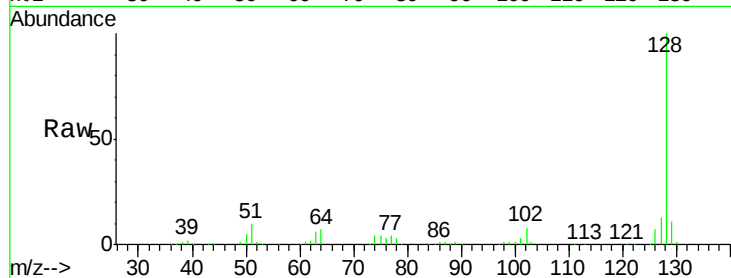




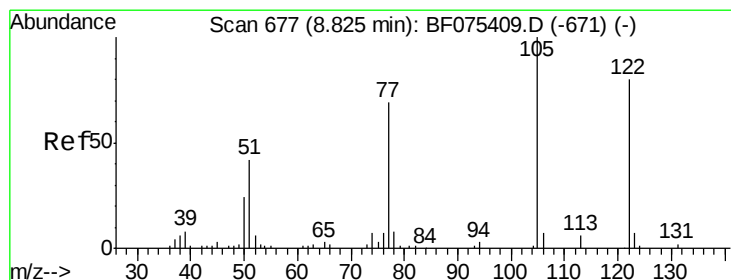
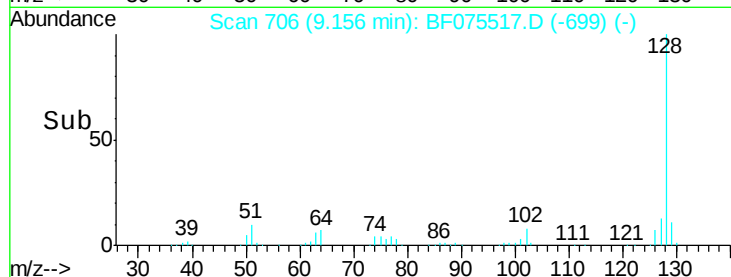
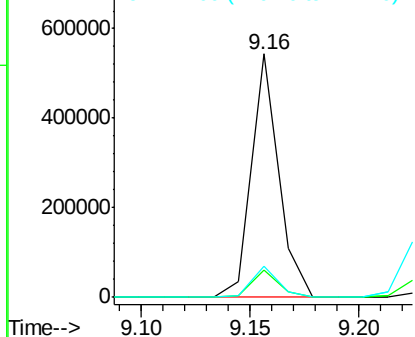
#31
Naphthalene
Concen: 47.42 ng
RT: 9.16 min Scan# 706
Delta R.T. -0.02 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Instrument :
BNA_F
ClientSampleId :
PB80280BS

Tgt Ion:128 Resp: 472173
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 12.8 10.2 15.4

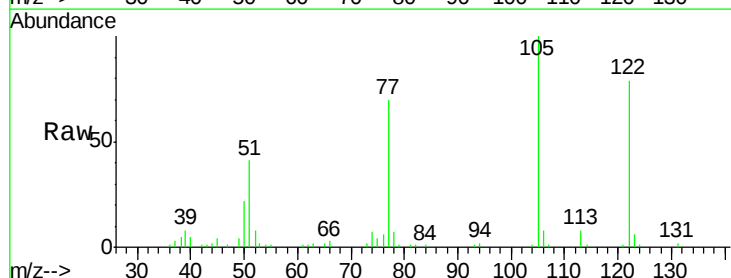


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

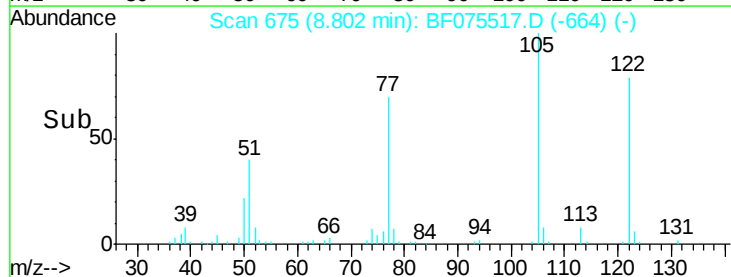
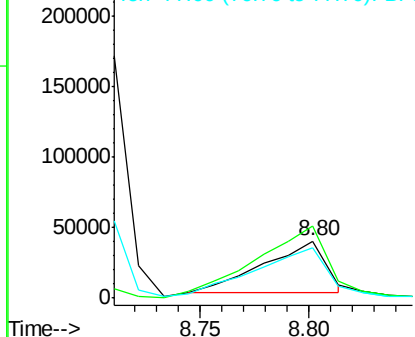


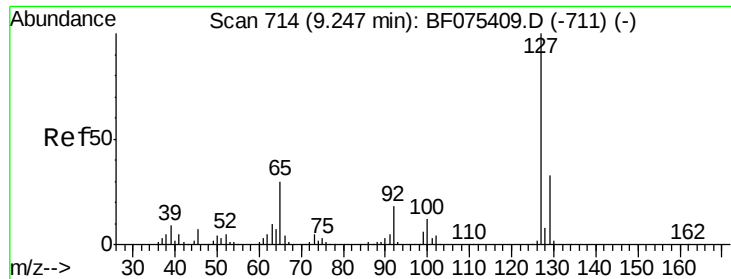
#32
Benzoic acid
Concen: 38.33 ng
RT: 8.80 min Scan# 675
Delta R.T. 0.02 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Tgt Ion:122 Resp: 72210
Ion Ratio Lower Upper
122 100
105 126.5 95.1 135.1
77 89.0 62.6 102.6



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

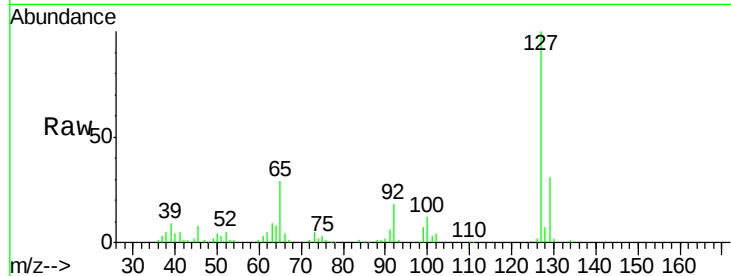




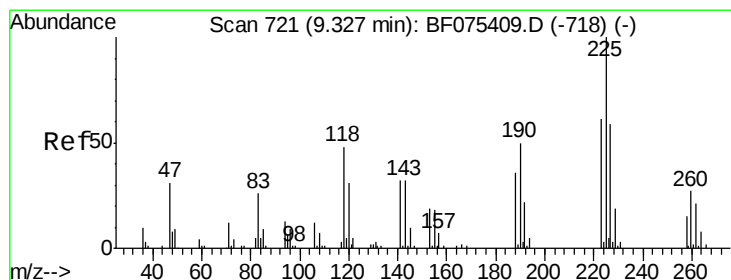
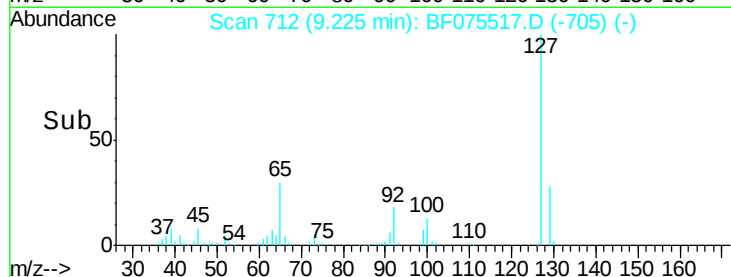
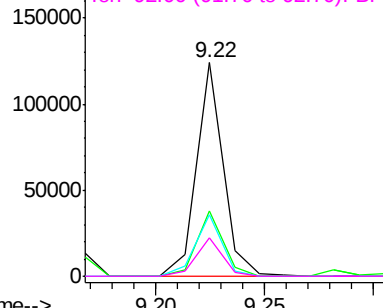
#33
4-Chloroaniline
Concen: 24.22 ng
RT: 9.22 min Scan# 712
Delta R.T. -0.02 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Instrument :
BNA_F
ClientSampleId :
PB80280BS

Tgt Ion:	127	Resp:	104808
Ion	Ratio	Lower	Upper
127	100		
129	30.5	25.5	38.3
65	28.6	22.8	34.2
92	17.8	13.8	20.6

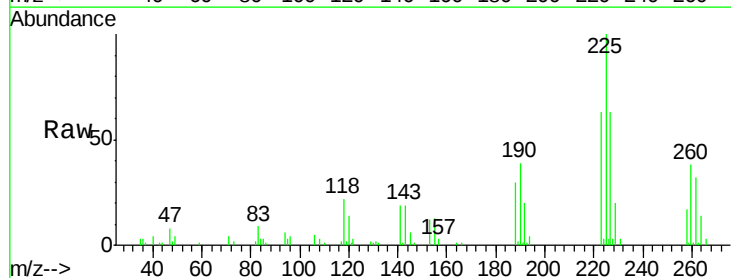


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

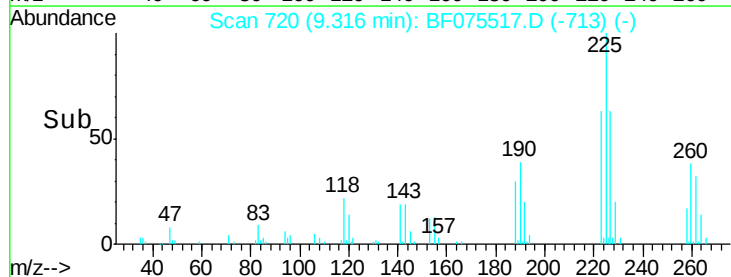
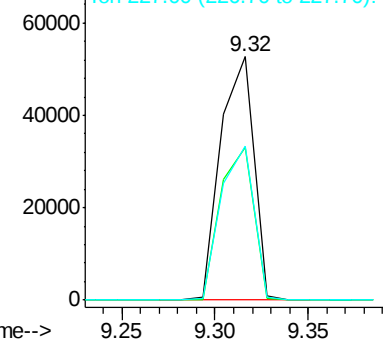


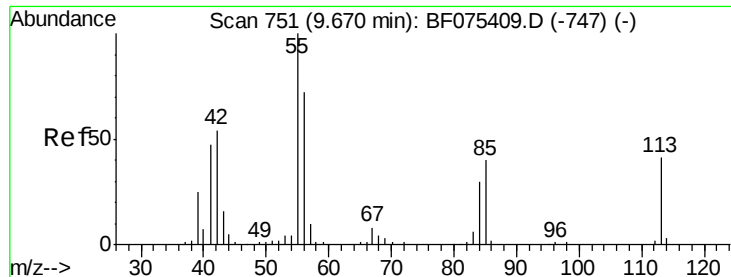
#34
Hexachlorobutadiene
Concen: 41.78 ng
RT: 9.32 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Tgt Ion:	225	Resp:	64754
Ion	Ratio	Lower	Upper
225	100		
223	62.6	51.0	76.6
227	63.5	48.6	73.0



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

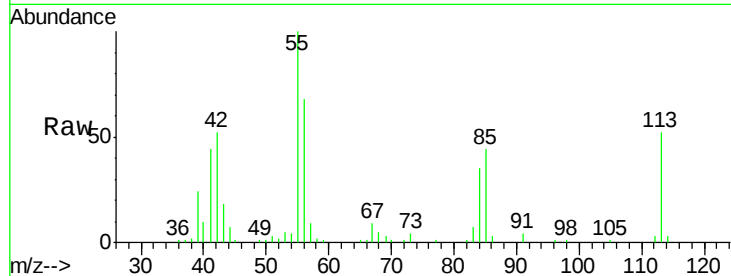




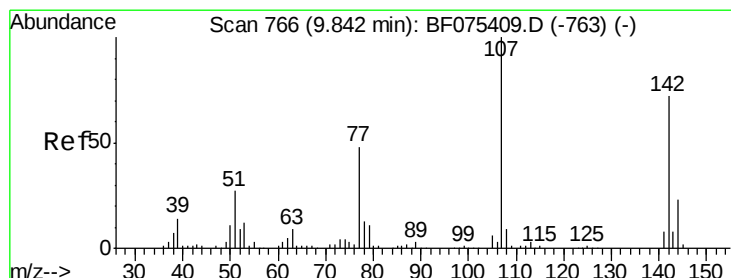
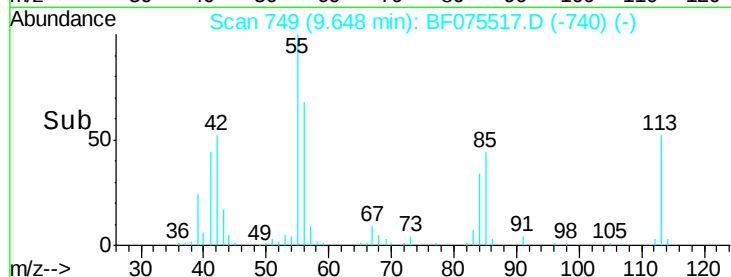
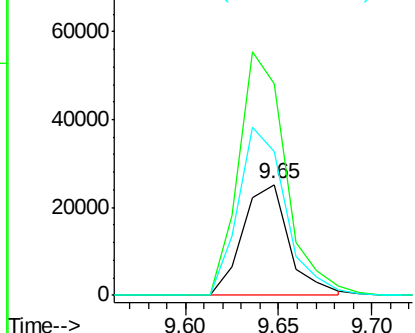
#35
 Caprolactam
 Concen: 48.11 ng
 RT: 9.65 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: BF075517.D
 Acq: 15 Nov 2014 2:13

Instrument :
 BNA_F
 ClientSampleId :
 PB80280BS

Tgt Ion:113 Resp: 43554
 Ion Ratio Lower Upper
 113 100
 55 191.3 226.9 266.9#
 56 129.6 148.4 188.4#

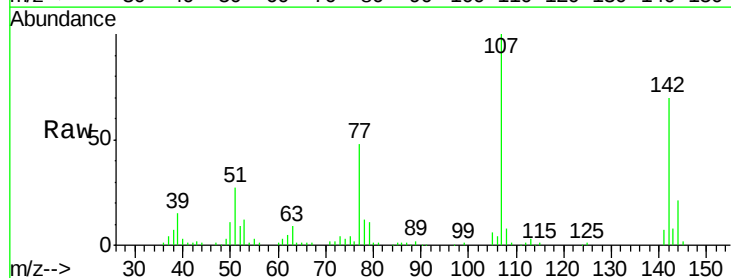


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

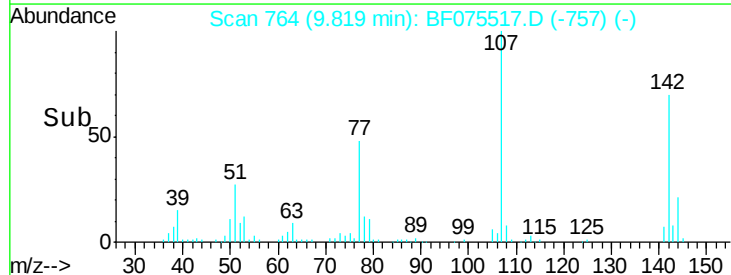
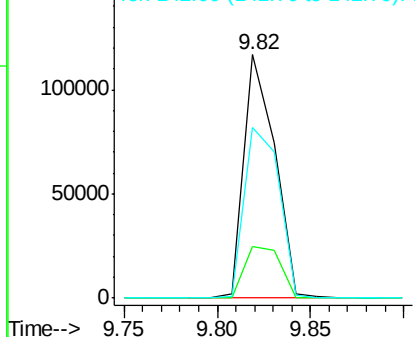


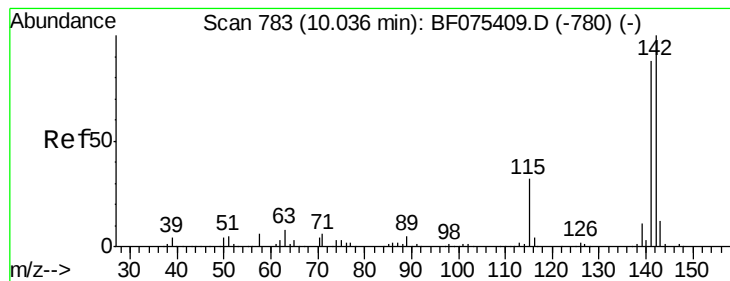
#36
 4-Chloro-3-methylphenol
 Concen: 44.92 ng
 RT: 9.82 min Scan# 764
 Delta R.T. -0.02 min
 Lab File: BF075517.D
 Acq: 15 Nov 2014 2:13

Tgt Ion:107 Resp: 134628
 Ion Ratio Lower Upper
 107 100
 144 21.4 19.1 28.7
 142 70.3 62.9 94.3



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: 45.38 ng

RT: 10.01 min Scan# 781

Delta R.T. -0.02 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

Instrument :

BNA_F

ClientSampleId :

PB80280BS

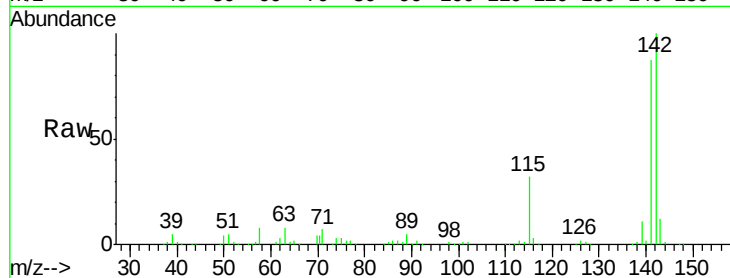
Tgt Ion:142 Resp: 308291

Ion Ratio Lower Upper

142 100

141 87.1 69.9 104.9

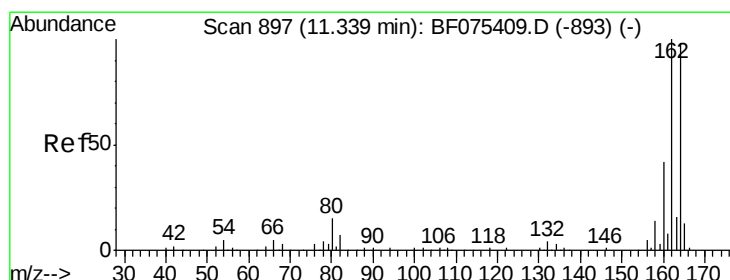
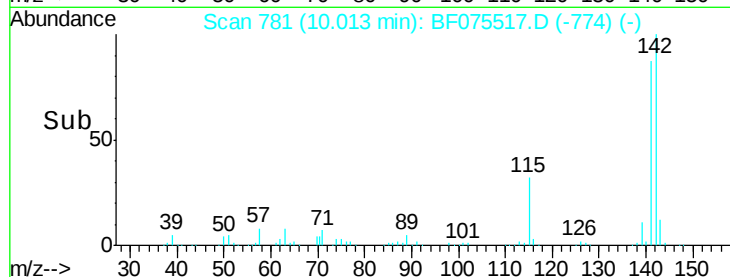
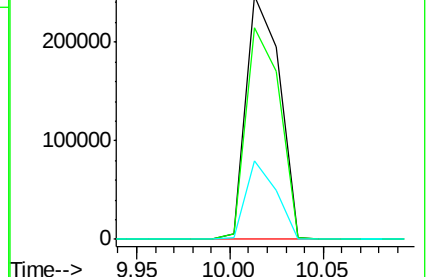
115 32.3 27.6 41.4



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: 11.32 min Scan# 895

Delta R.T. -0.02 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

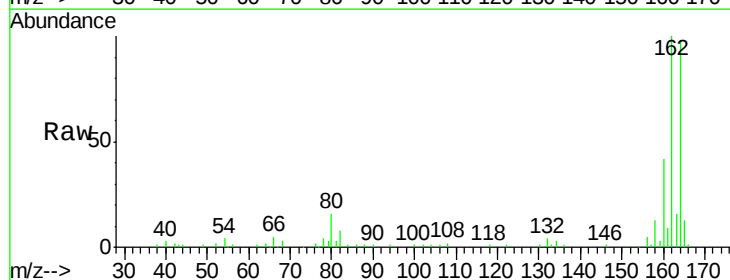
Tgt Ion:164 Resp: 113788

Ion Ratio Lower Upper

164 100

162 102.2 79.1 118.7

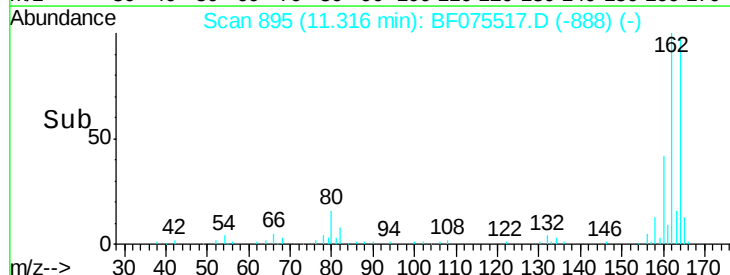
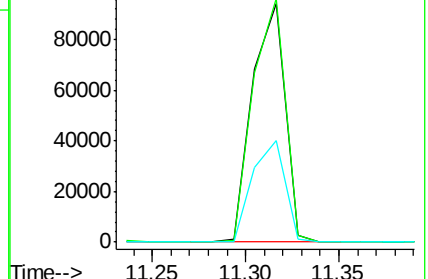
160 42.8 34.6 51.8

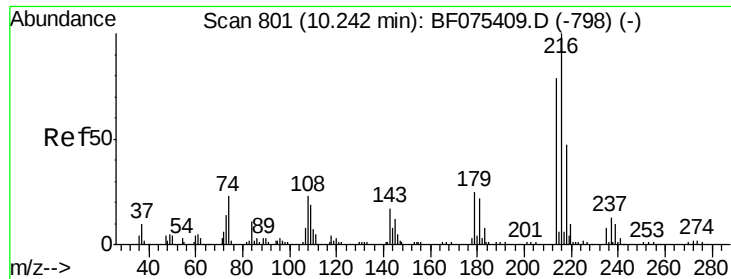


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

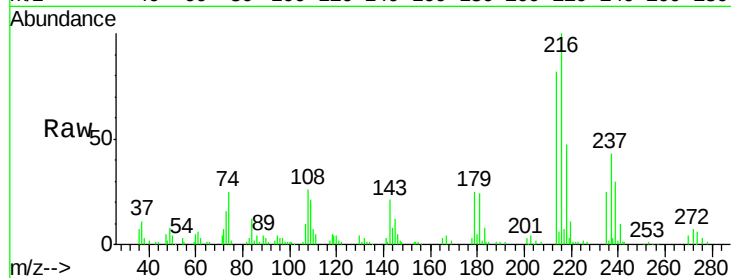




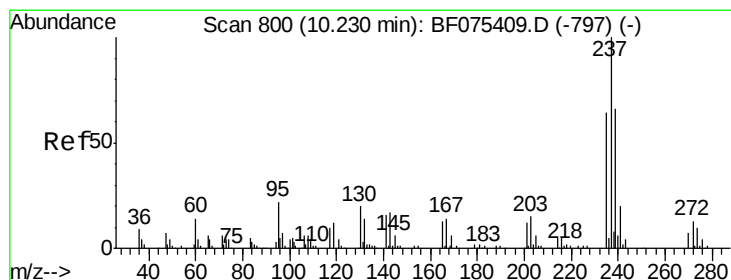
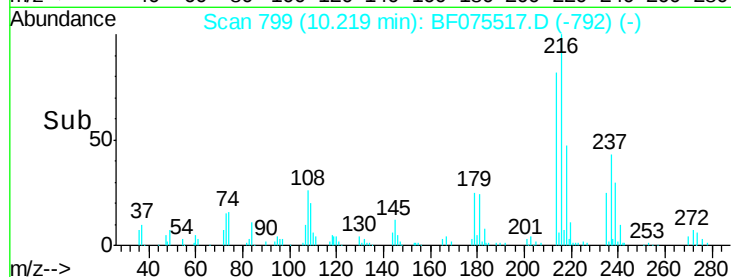
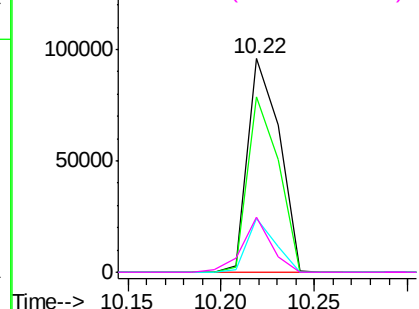
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.46 ng
 RT: 10.22 min Scan# 799
 Delta R.T. -0.02 min
 Lab File: BF075517.D
 Acq: 15 Nov 2014 2:13

Instrument :
 BNA_F
 ClientSampleId :
 PB80280BS

Tgt Ion:	216	Resp:	113344
Ion	Ratio	Lower	Upper
216	100		
214	79.9	62.8	94.2
179	22.4	18.7	28.1
108	23.5	18.1	27.1

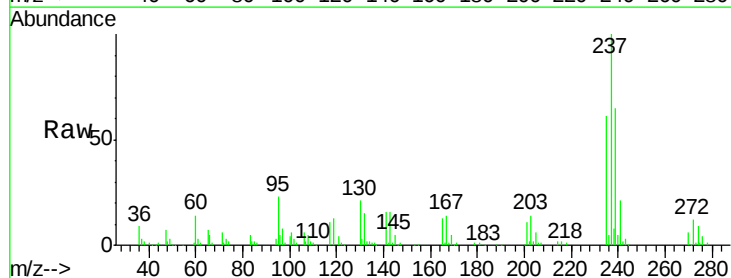


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

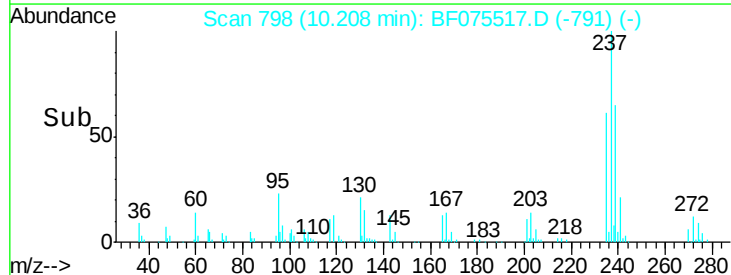
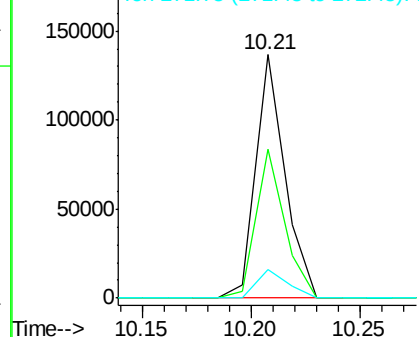


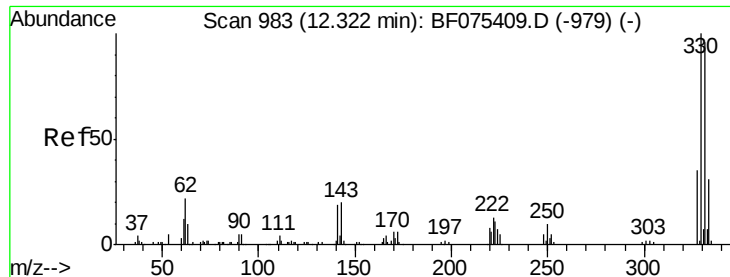
#40
 Hexachlorocyclopentadiene
 Concen: 89.44 ng
 RT: 10.21 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF075517.D
 Acq: 15 Nov 2014 2:13

Tgt Ion:	237	Resp:	127085
Ion	Ratio	Lower	Upper
237	100		
235	61.4	45.7	85.7
272	12.0	0.0	32.6



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

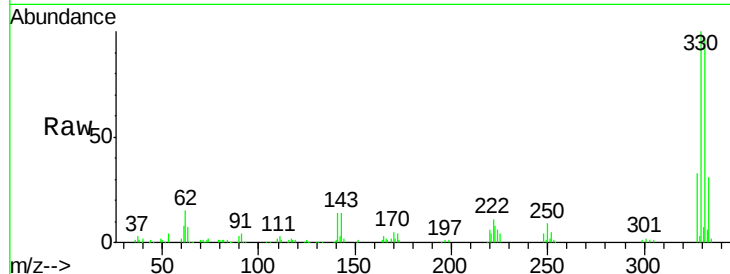




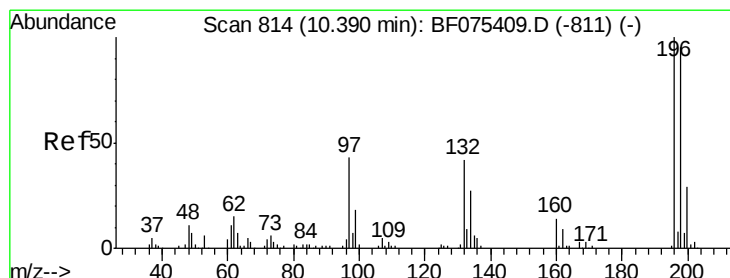
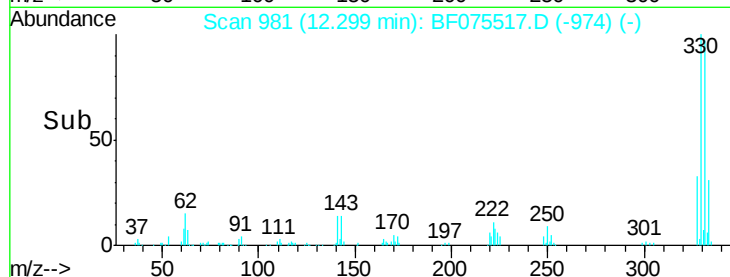
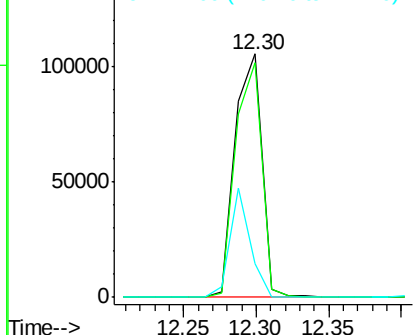
#41
 2,4,6-Tribromophenol
 Concen: 142.16 ng
 RT: 12.30 min Scan# 981
 Delta R.T. -0.02 min
 Lab File: BF075517.D
 Acq: 15 Nov 2014 2:13

Instrument :
 BNA_F
 ClientSampleId :
 PB80280BS

Tgt Ion:330 Resp: 135488
 Ion Ratio Lower Upper
 330 100
 332 95.4 74.5 111.7
 141 33.9 30.7 46.1

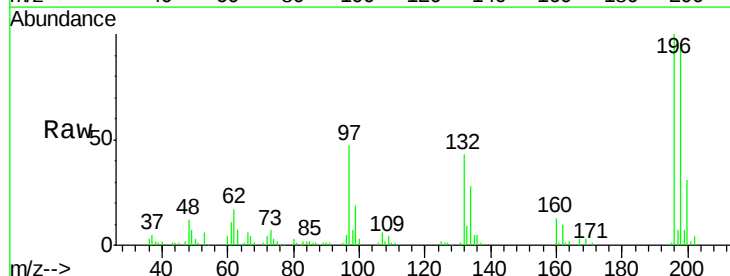


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

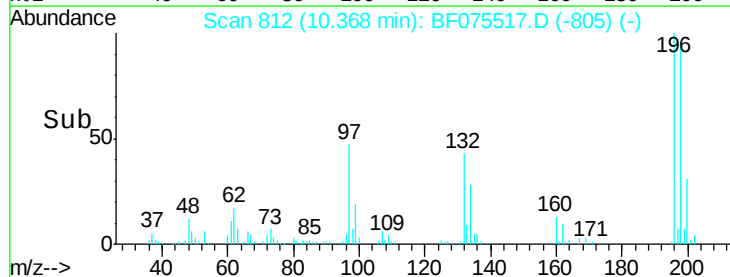
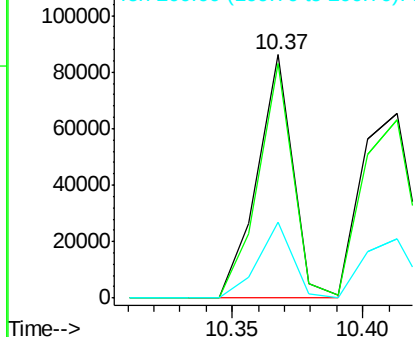


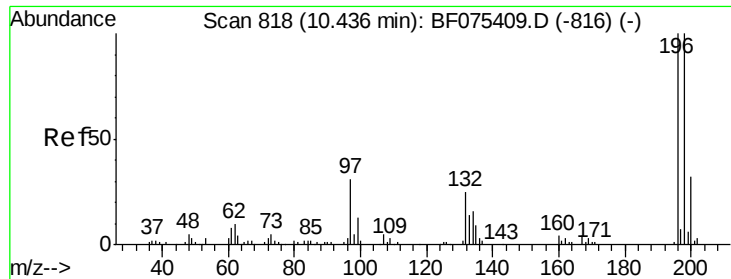
#42
 2,4,6-Trichlorophenol
 Concen: 43.93 ng
 RT: 10.37 min Scan# 812
 Delta R.T. -0.02 min
 Lab File: BF075517.D
 Acq: 15 Nov 2014 2:13

Tgt Ion:196 Resp: 81719
 Ion Ratio Lower Upper
 196 100
 198 96.5 75.7 113.5
 200 31.2 23.4 35.0



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

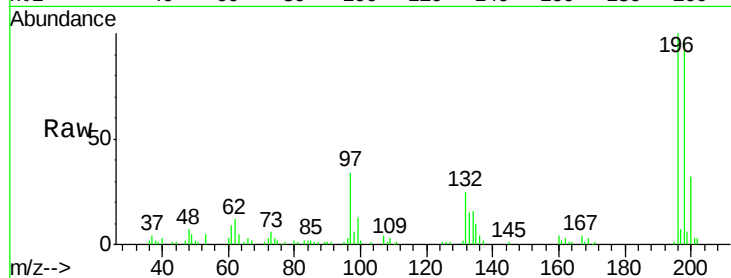




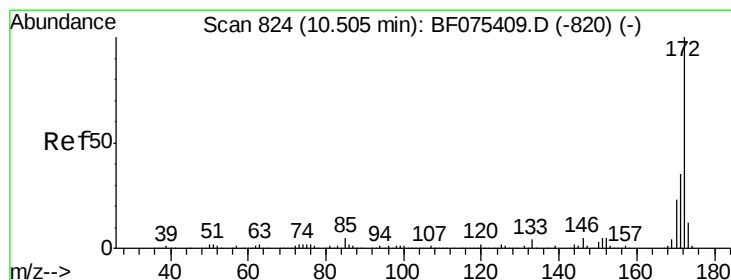
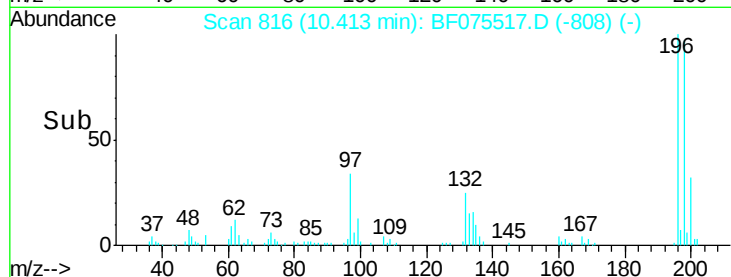
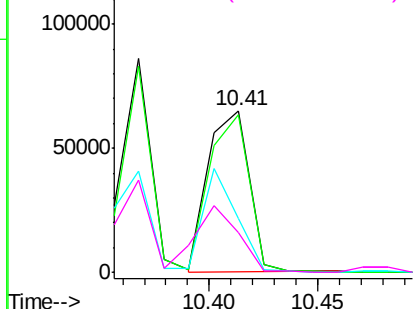
#43
2,4,5-Trichlorophenol
Concen: 44.04 ng
RT: 10.41 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Instrument :
BNA_F
ClientSampleId :
PB80280BS

Tgt Ion:196 Resp: 85321
Ion Ratio Lower Upper
196 100
198 96.9 78.2 117.4
97 33.6 29.9 44.9
132 24.8 22.2 33.2

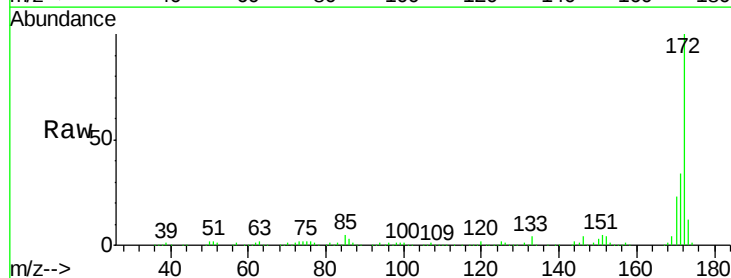


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

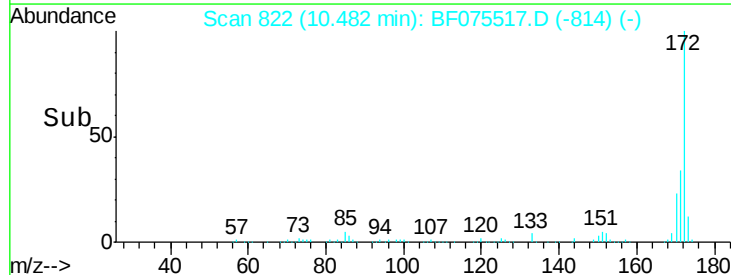
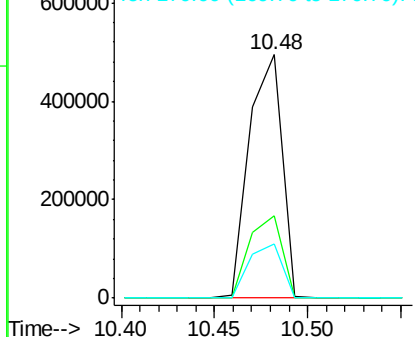


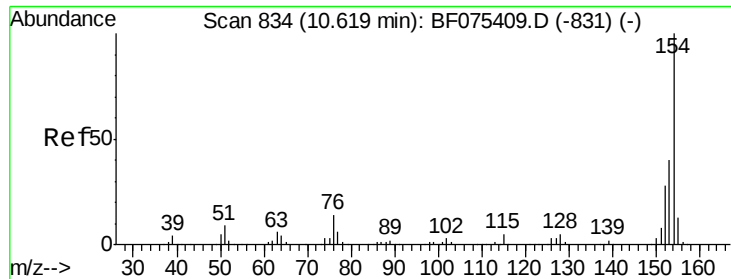
#44
2-Fluorobiphenyl
Concen: 97.48 ng
RT: 10.48 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Tgt Ion:172 Resp: 613819
Ion Ratio Lower Upper
172 100
171 33.9 27.3 40.9
170 22.5 18.4 27.6



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

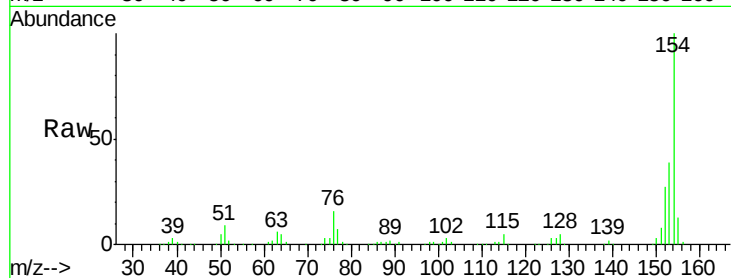




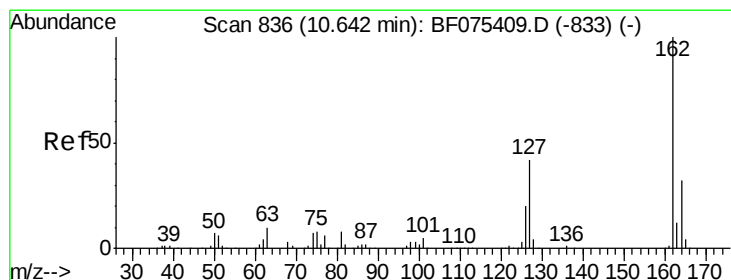
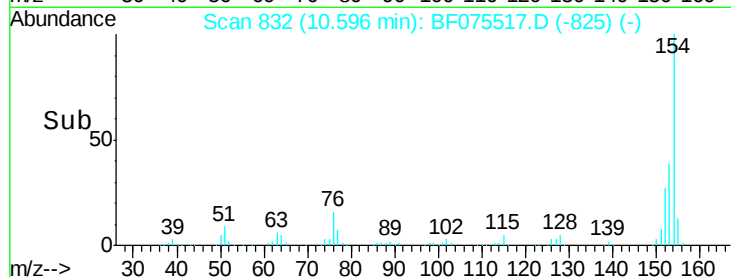
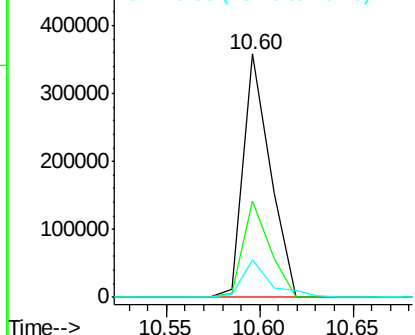
#45
 1,1'-Biphenyl
 Concen: 46.96 ng
 RT: 10.60 min Scan# 832
 Delta R.T. -0.02 min
 Lab File: BF075517.D
 Acq: 15 Nov 2014 2:13

Instrument :
 BNA_F
 ClientSampleId :
 PB80280BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.5	19.3	59.3
76	15.7	0.0	35.0

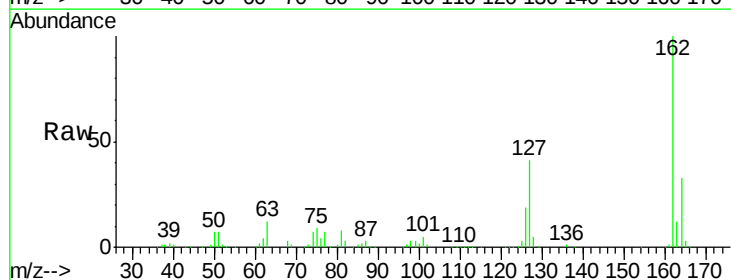


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

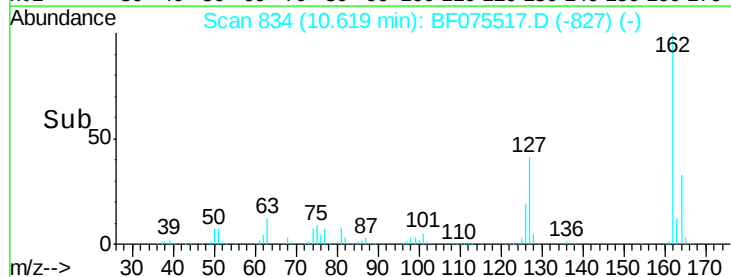
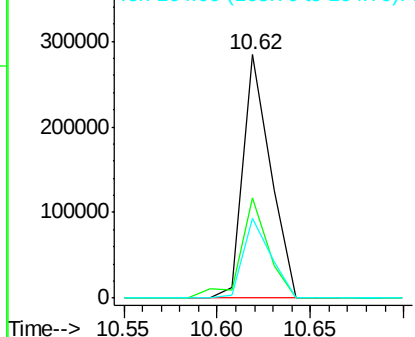


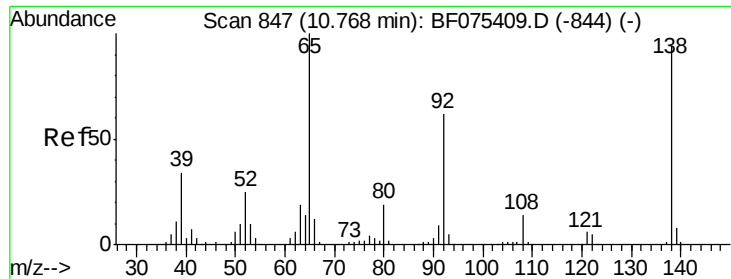
#46
 2-Chloronaphthalene
 Concen: 48.30 ng
 RT: 10.62 min Scan# 834
 Delta R.T. -0.02 min
 Lab File: BF075517.D
 Acq: 15 Nov 2014 2:13

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.9	34.6	51.8
164	32.8	25.1	37.7



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

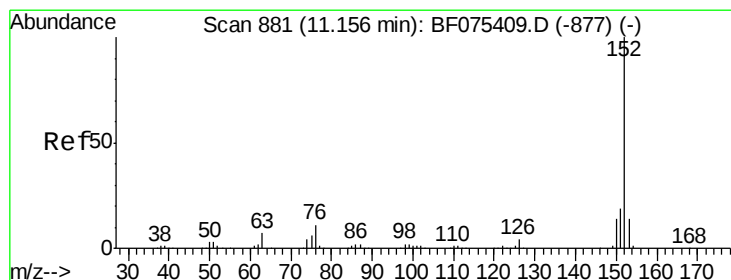
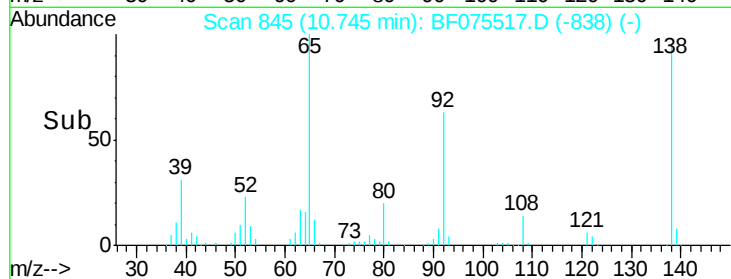
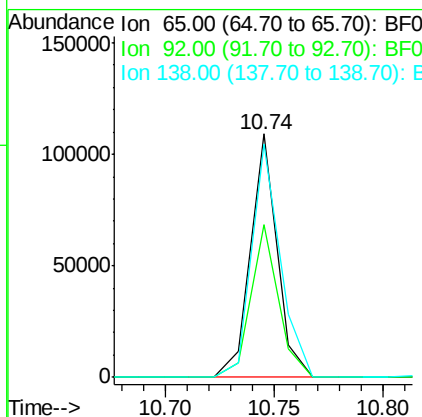
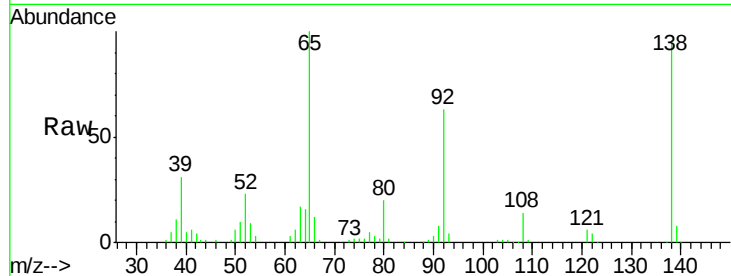




#47
2-Nitroaniline
Concen: 51.39 ng
RT: 10.74 min Scan# 845
Delta R.T. -0.02 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

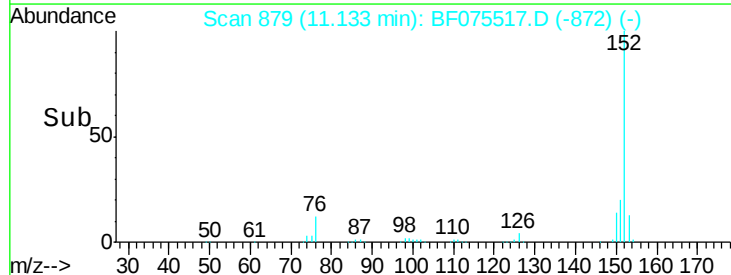
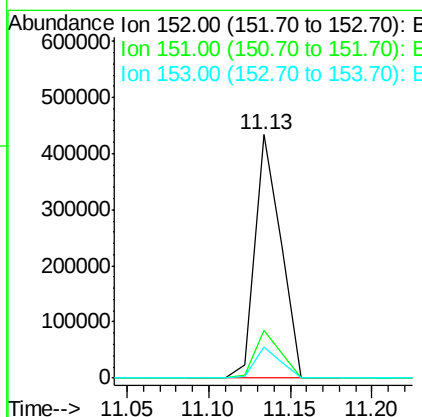
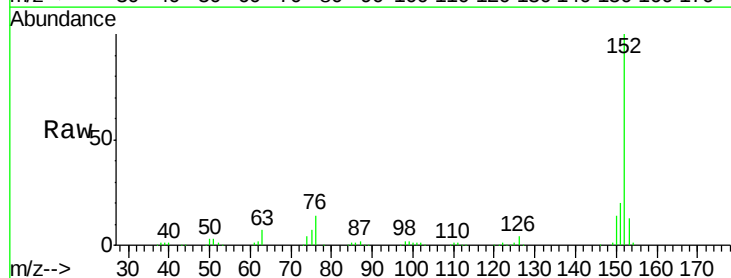
Instrument :
BNA_F
ClientSampleId :
PB80280BS

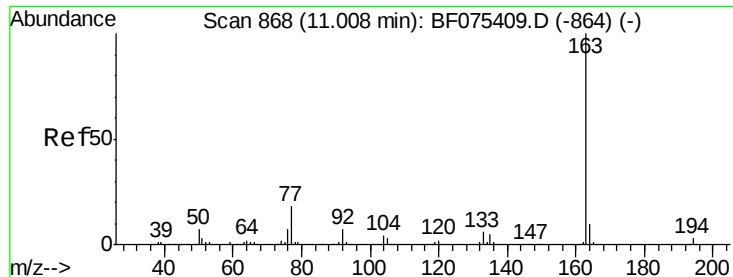
Tgt Ion: 65 Resp: 92790
Ion Ratio Lower Upper
65 100
92 62.5 46.7 70.1
138 95.7 62.8 94.2#



#48
Acenaphthylene
Concen: 48.15 ng
RT: 11.13 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Tgt Ion: 152 Resp: 476465
Ion Ratio Lower Upper
152 100
151 19.6 15.4 23.2
153 13.0 10.0 15.0

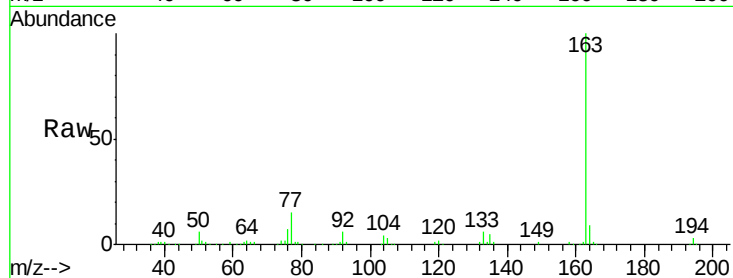




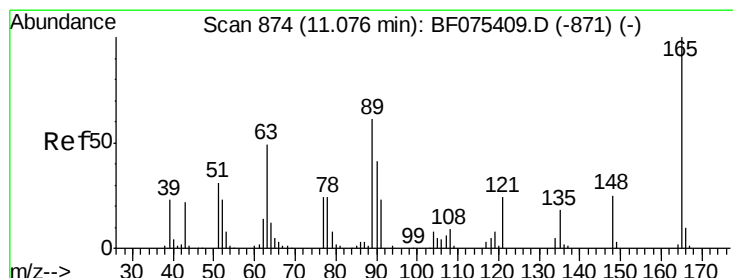
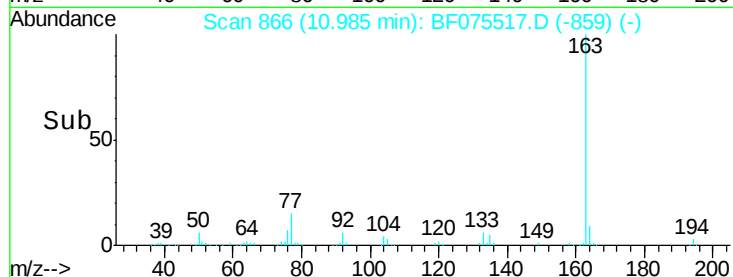
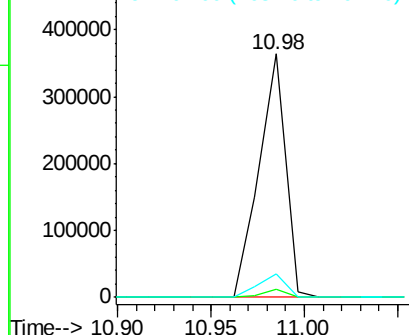
#49
Dimethylphthalate
Concen: 46.12 ng
RT: 10.98 min Scan# 866
Delta R.T. -0.02 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Instrument :
BNA_F
ClientSampleId :
PB80280BS

Tgt Ion:163 Resp: 358768
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.4 8.0 12.0

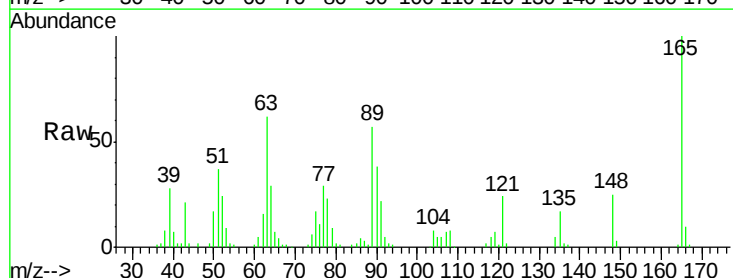


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

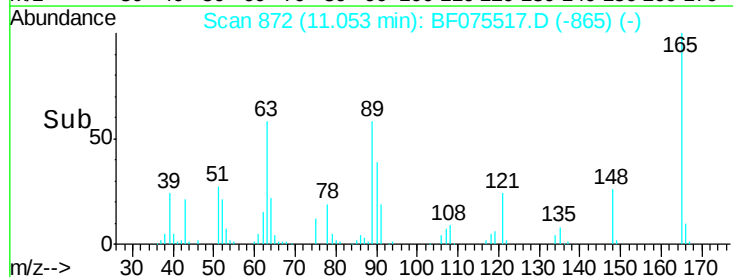
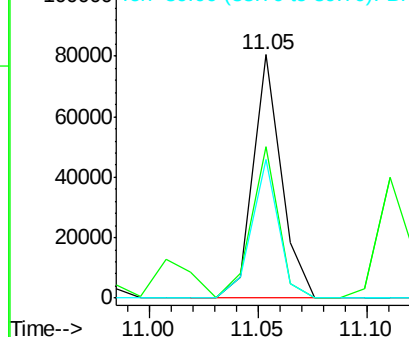


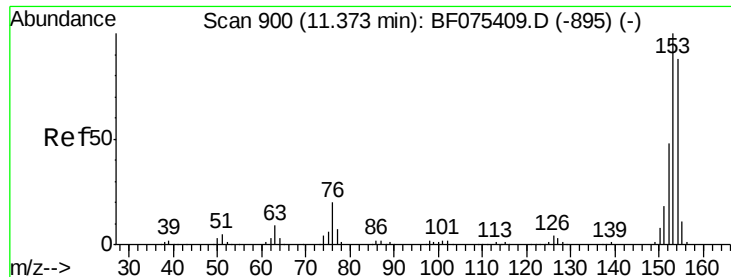
#50
2,6-Dinitrotoluene
Concen: 47.41 ng
RT: 11.05 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Tgt Ion:165 Resp: 72632
Ion Ratio Lower Upper
165 100
63 62.2 61.2 91.8
89 57.0 52.5 78.7



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 53.04 ng

RT: 11.35 min Scan# 898

Delta R.T. -0.02 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

Instrument :

BNA_F

ClientSampleId :

PB80280BS

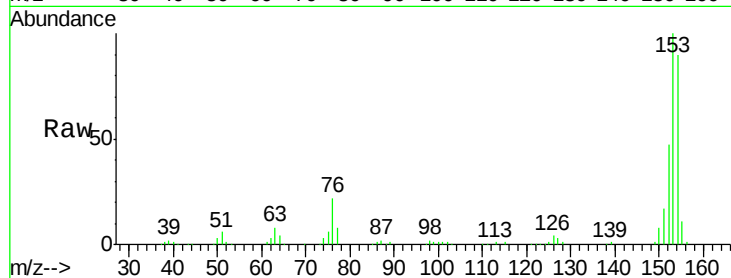
Tgt Ion:154 Resp: 316829

Ion Ratio Lower Upper

154 100

153 111.1 91.2 136.8

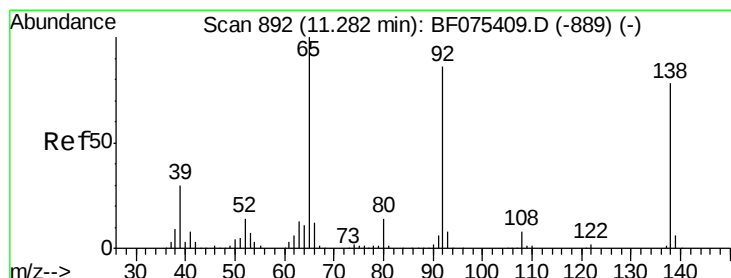
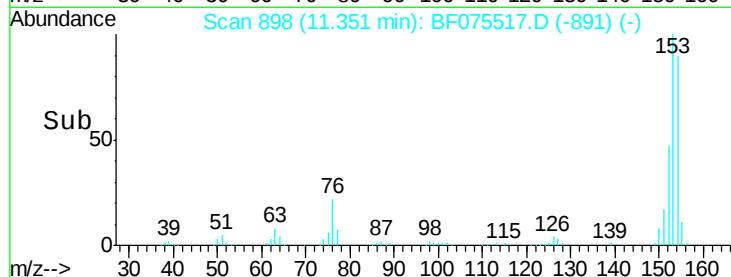
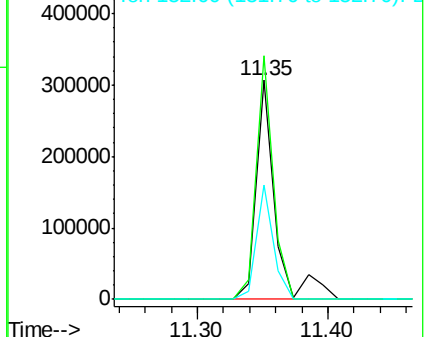
152 52.1 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 40.97 ng

RT: 11.26 min Scan# 890

Delta R.T. -0.02 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

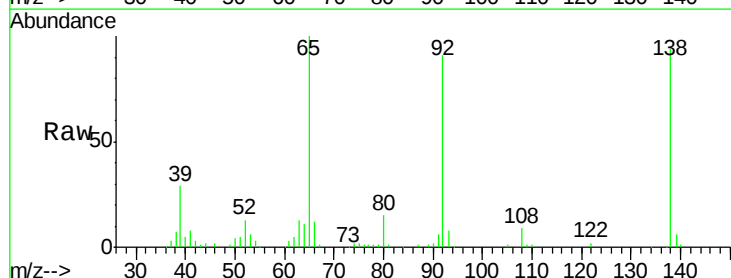
Tgt Ion:138 Resp: 74014

Ion Ratio Lower Upper

138 100

108 9.3 10.2 15.2#

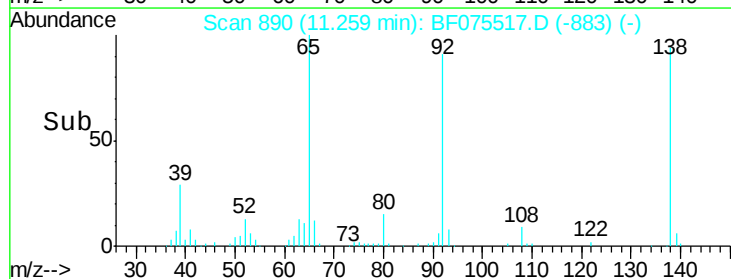
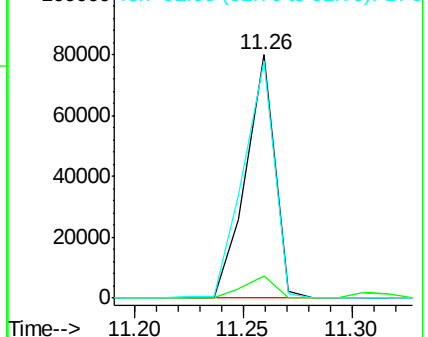
92 97.2 91.0 136.6

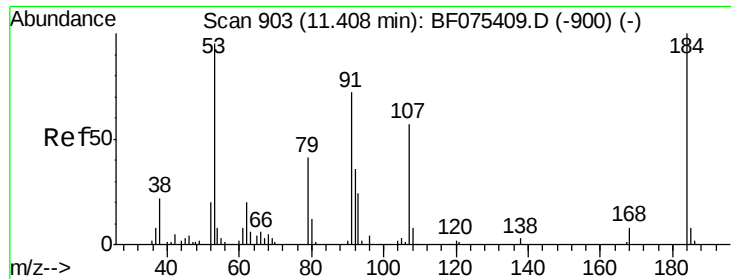


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

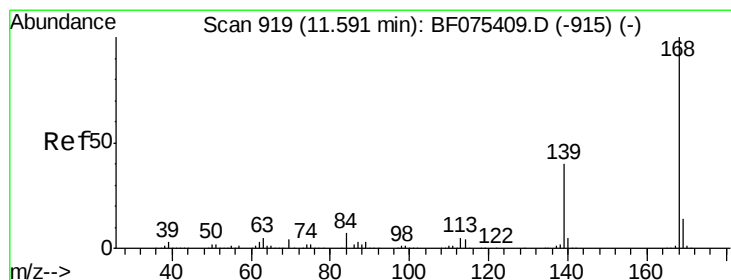
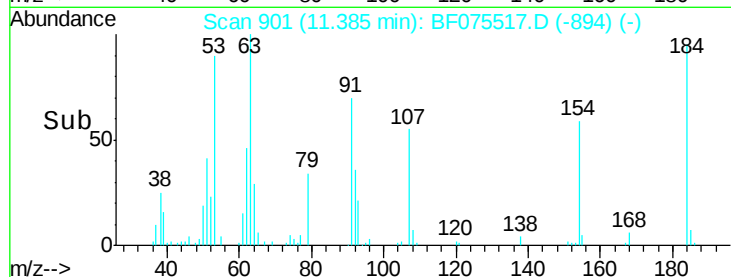
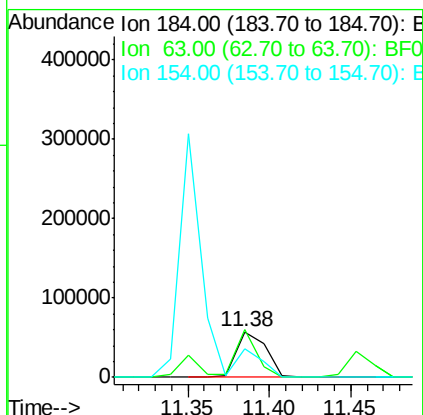
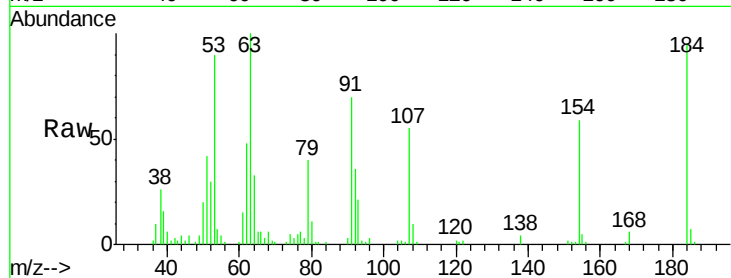




#53
2,4-Dinitrophenol
Concen: 81.54 ng
RT: 11.38 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

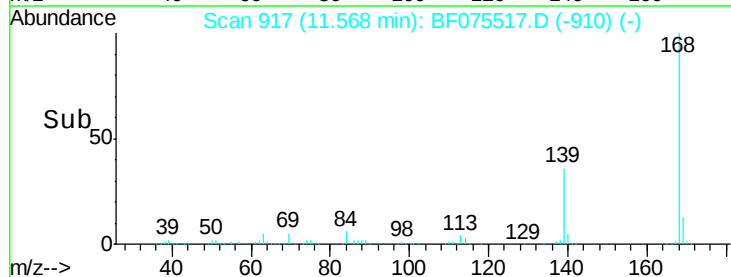
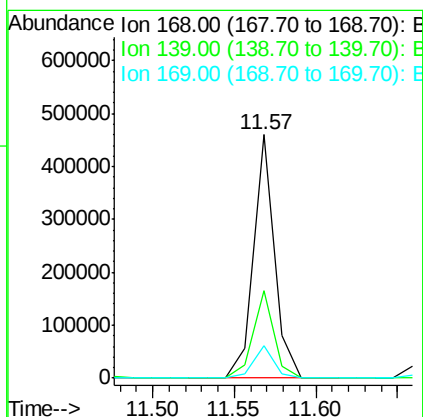
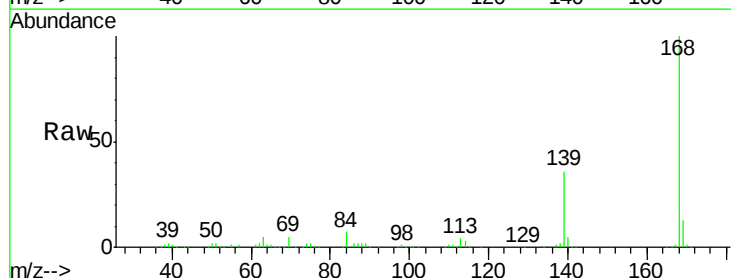
Instrument :
BNA_F
ClientSampleId :
PB80280BS

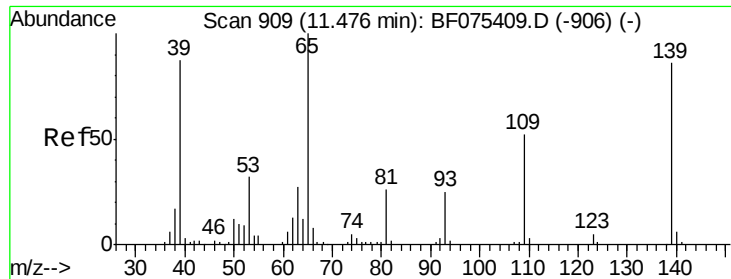
Tgt Ion:184 Resp: 70592
Ion Ratio Lower Upper
184 100
63 104.8 96.3 144.5
154 61.8 56.2 84.4



#54
Dibenzofuran
Concen: 48.03 ng
RT: 11.57 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Tgt Ion:168 Resp: 409982
Ion Ratio Lower Upper
168 100
139 35.9 33.0 49.4
169 13.2 10.8 16.2

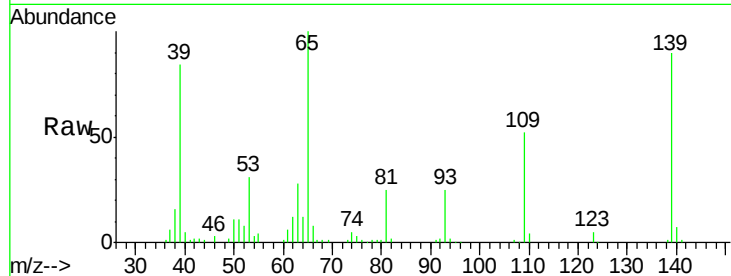




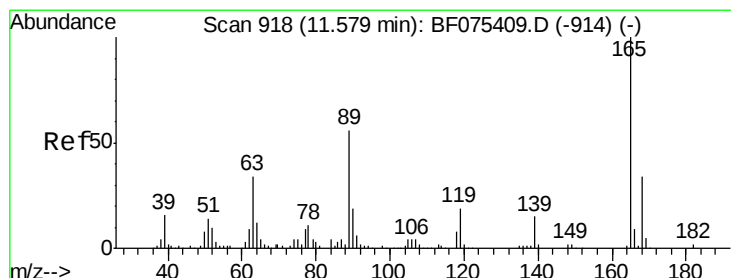
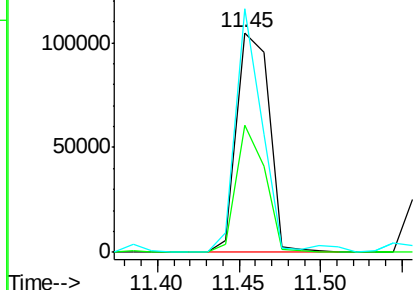
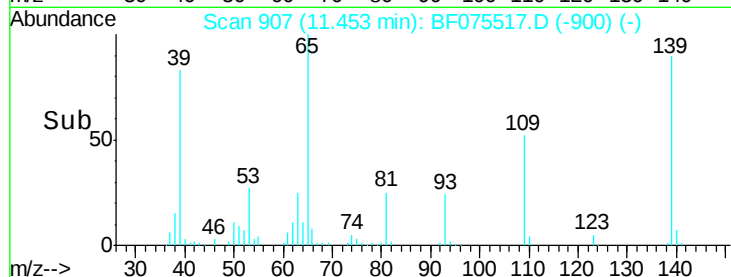
#55
4-Nitrophenol
Concen: 100.60 ng
RT: 11.45 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Instrument :
BNA_F
ClientSampleId :
PB80280BS

Tgt Ion:139 Resp: 145284
Ion Ratio Lower Upper
139 100
109 57.9 45.8 85.8
65 110.9 94.8 134.8

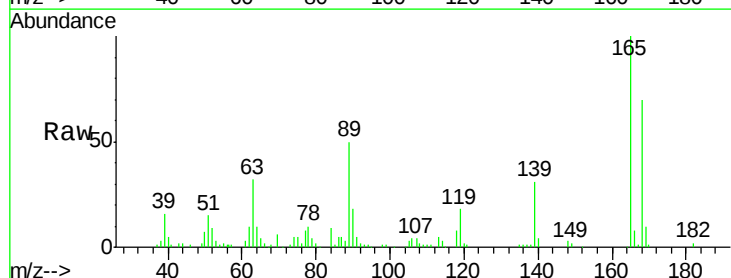


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BFO

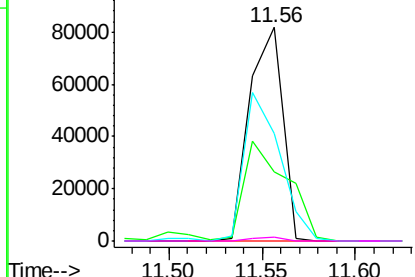
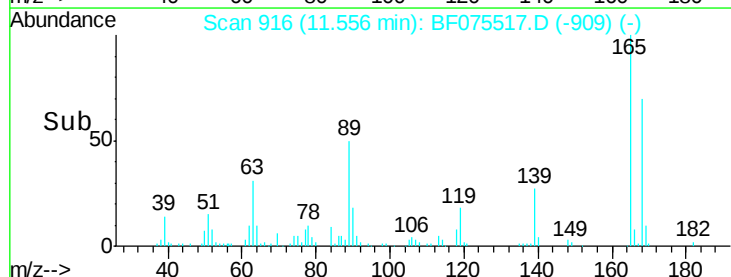


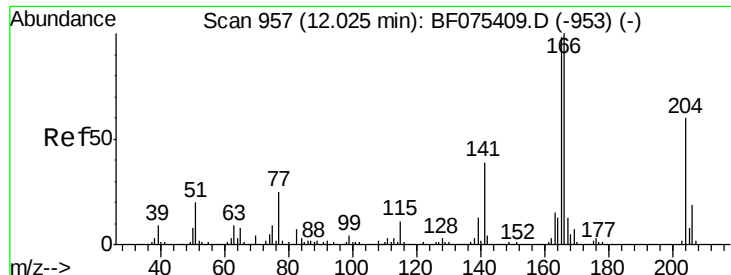
#56
2,4-Dinitrotoluene
Concen: 50.21 ng
RT: 11.56 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Tgt Ion:165 Resp: 101073
Ion Ratio Lower Upper
165 100
63 32.3 27.0 40.6
89 50.4 47.8 71.6
182 2.0 1.7 2.5



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BFO
Ion 89.00 (88.70 to 89.70): BFO
Ion 182.00 (181.70 to 182.70): E

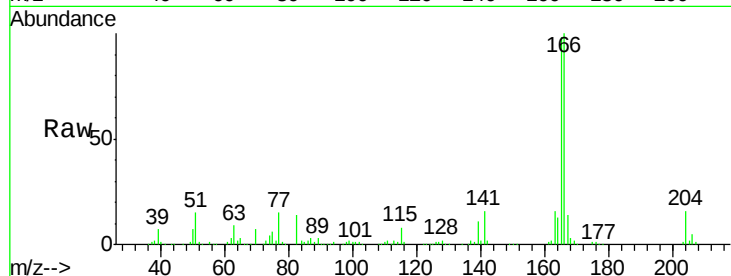




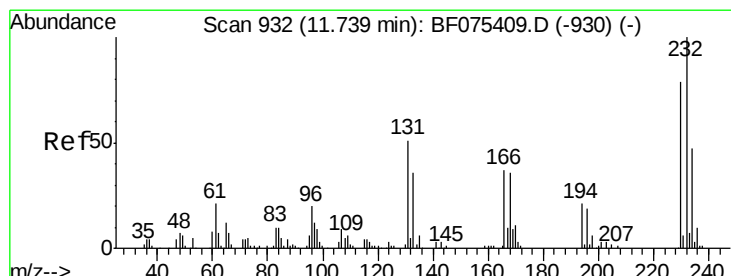
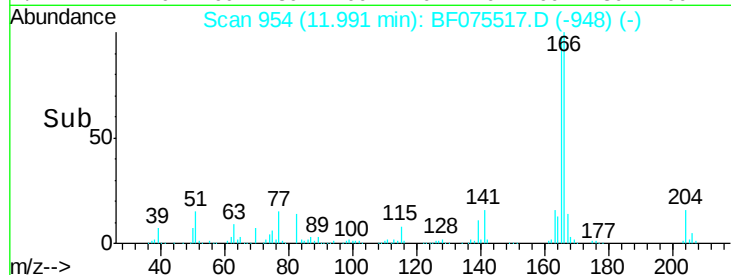
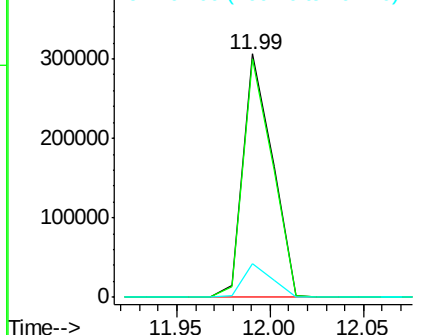
#57
 Fluorene
 Concen: 48.34 ng
 RT: 11.99 min Scan# 954
 Delta R.T. -0.03 min
 Lab File: BF075517.D
 Acq: 15 Nov 2014 2:13

Instrument :
 BNA_F
 ClientSampleId :
 PB80280BS

Tgt Ion:166 Resp: 333706
 Ion Ratio Lower Upper
 166 100
 165 97.7 78.8 118.2
 167 13.9 10.6 15.8

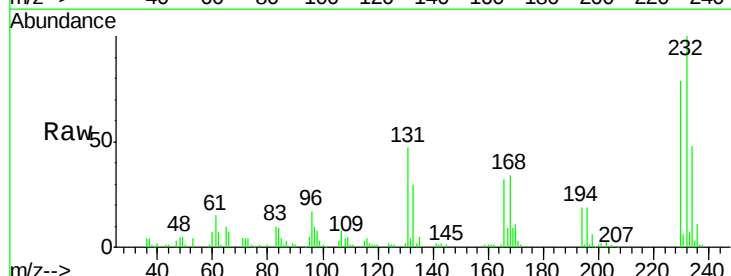


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

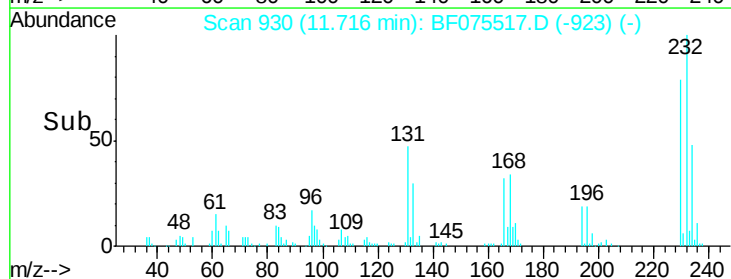
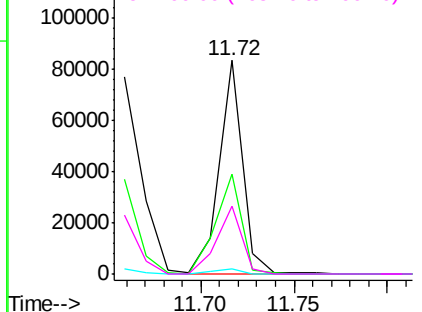


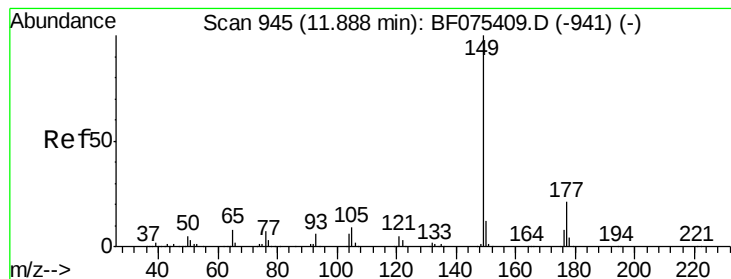
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.63 ng
 RT: 11.72 min Scan# 930
 Delta R.T. -0.02 min
 Lab File: BF075517.D
 Acq: 15 Nov 2014 2:13

Tgt Ion:232 Resp: 73233
 Ion Ratio Lower Upper
 232 100
 131 51.3 44.6 67.0
 130 2.5 2.5 3.7
 166 34.2 29.3 43.9



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: 43.20 ng

RT: 11.86 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

Instrument :

BNA_F

ClientSampleId :

PB80280BS

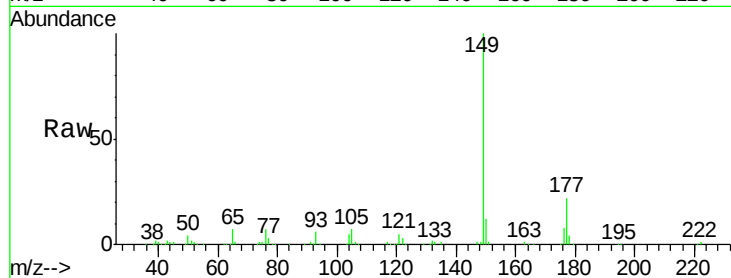
Tgt Ion:149 Resp: 348676

Ion Ratio Lower Upper

149 100

177 22.5 15.8 23.8

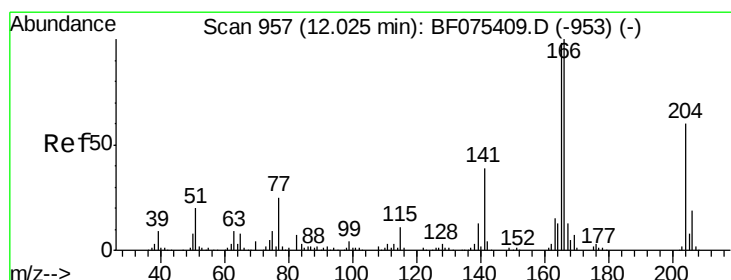
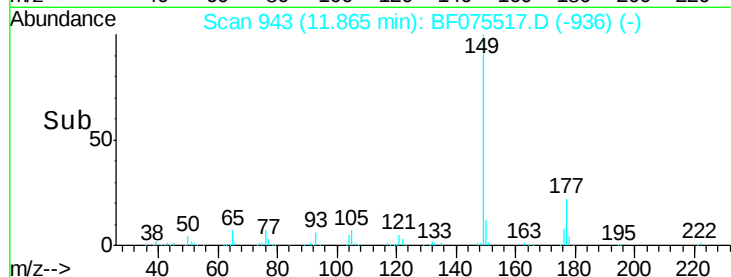
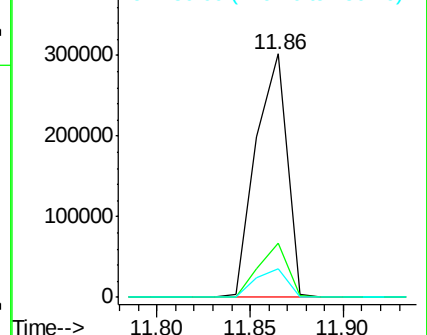
150 11.6 9.9 14.9



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: 46.68 ng

RT: 12.00 min Scan# 955

Delta R.T. -0.02 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

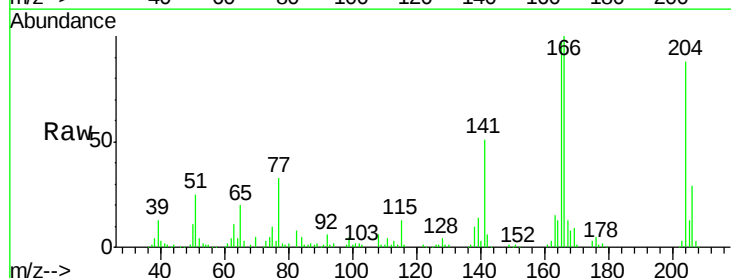
Tgt Ion:204 Resp: 138568

Ion Ratio Lower Upper

204 100

206 33.0 25.1 37.7

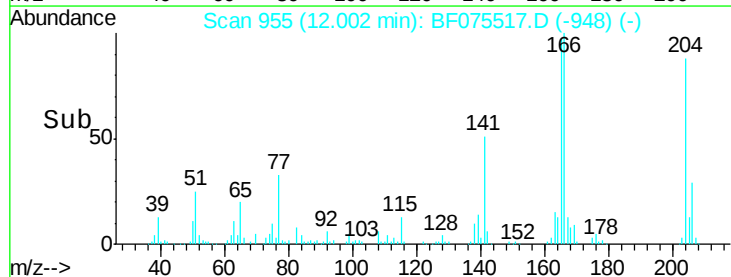
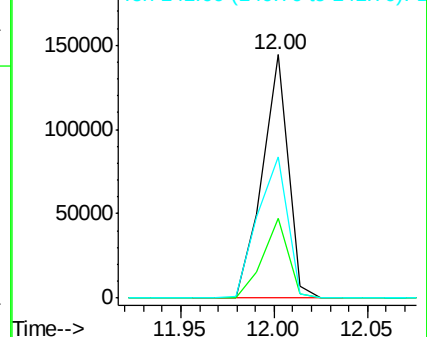
141 57.8 58.6 87.8#

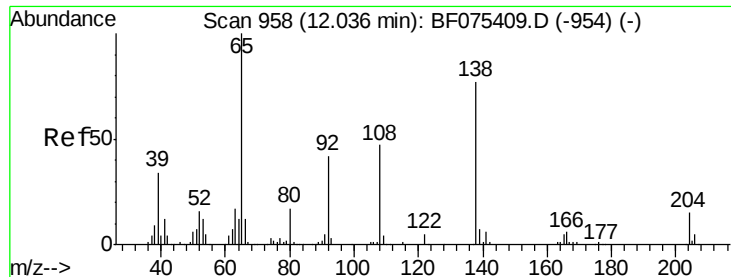


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

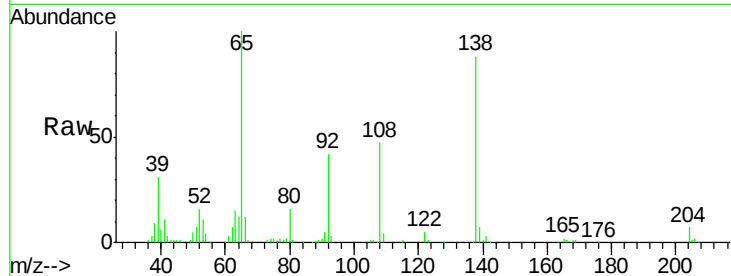




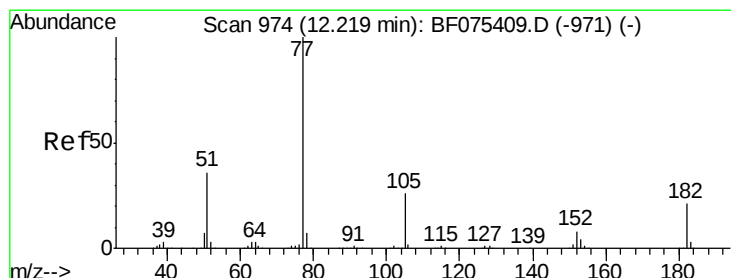
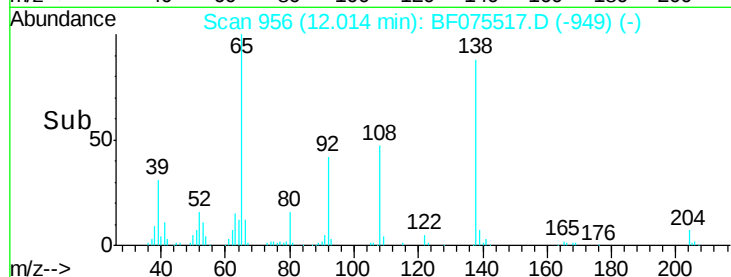
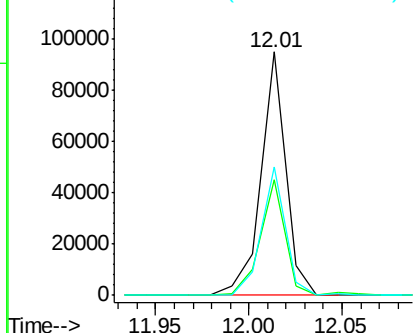
#61
4-Nitroaniline
Concen: 48.12 ng
RT: 12.01 min Scan# 956
Delta R.T. -0.02 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Instrument :
BNA_F
ClientSampleId :
PB80280BS

Tgt Ion:138 Resp: 86902
Ion Ratio Lower Upper
138 100
92 47.3 34.8 74.8
108 52.8 50.6 90.6

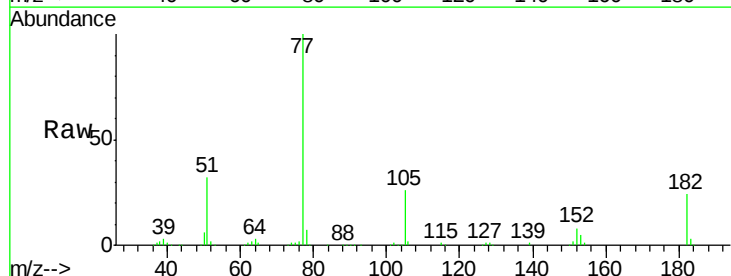


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

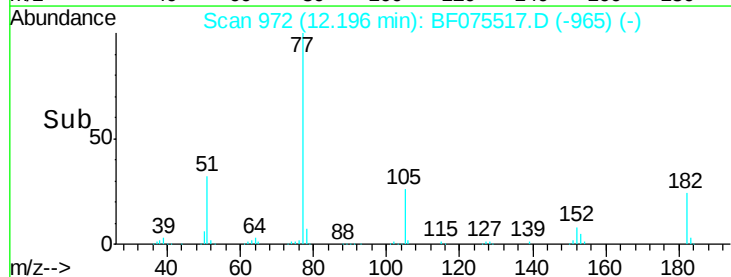
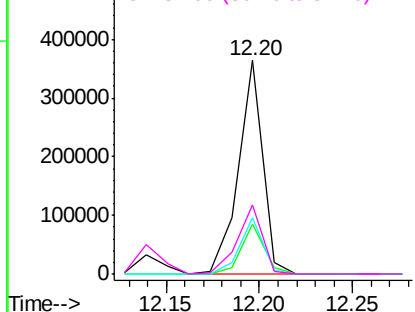


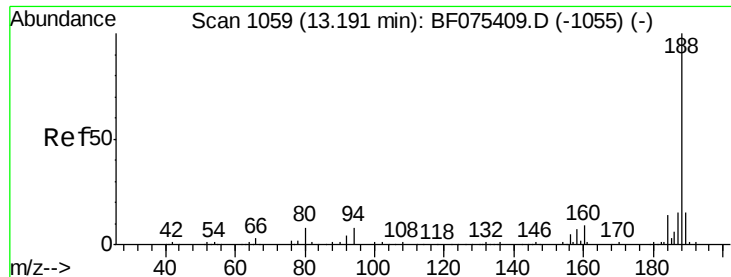
#62
Azobenzene
Concen: 46.78 ng
RT: 12.20 min Scan# 972
Delta R.T. -0.02 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Tgt Ion: 77 Resp: 332196
Ion Ratio Lower Upper
77 100
182 23.6 0.0 37.1
105 26.5 3.7 43.7
51 32.2 18.7 58.7



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

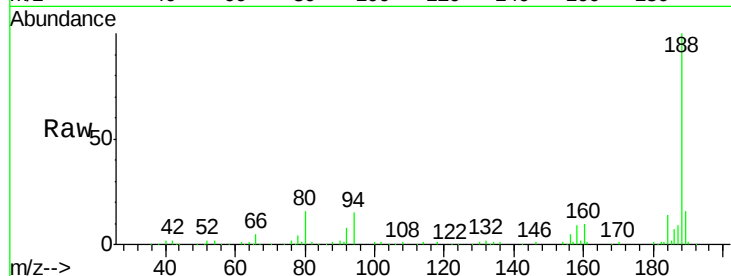




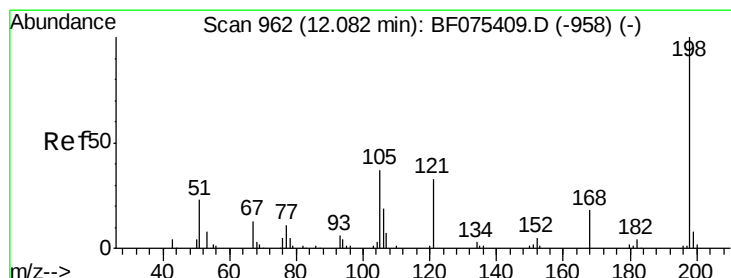
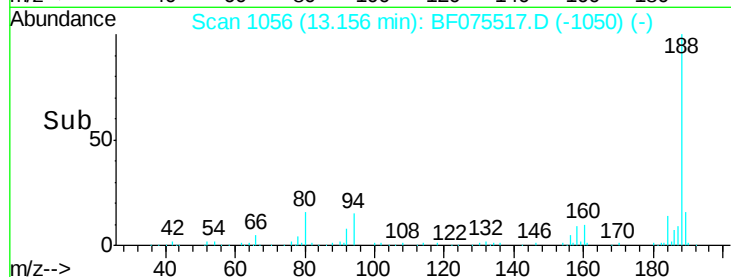
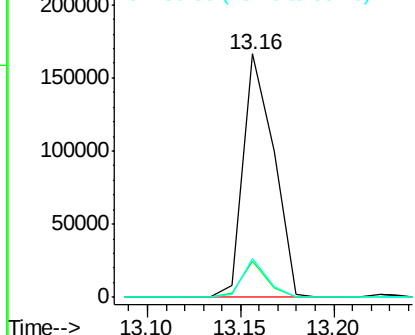
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.16 min Scan# 1056
Delta R.T. -0.03 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Instrument :
BNA_F
ClientSampleId :
PB80280BS

Tgt Ion:188 Resp: 189481
Ion Ratio Lower Upper
188 100
94 14.7 7.8 11.6#
80 16.1 8.0 12.0#

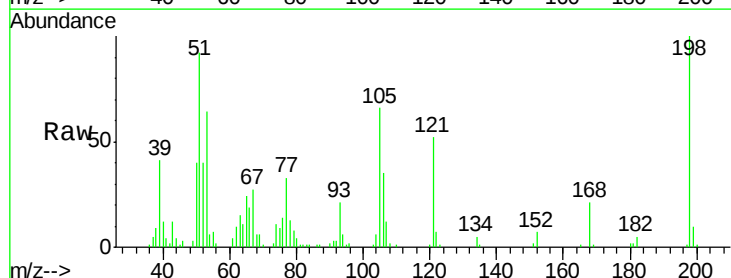


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

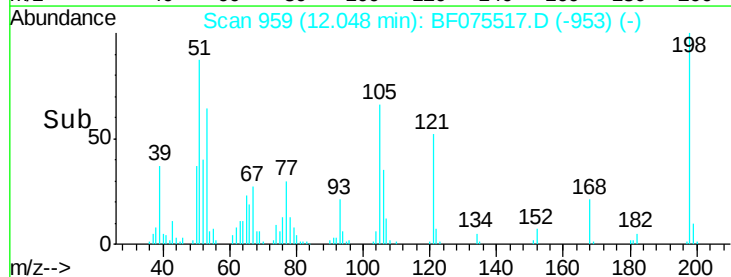
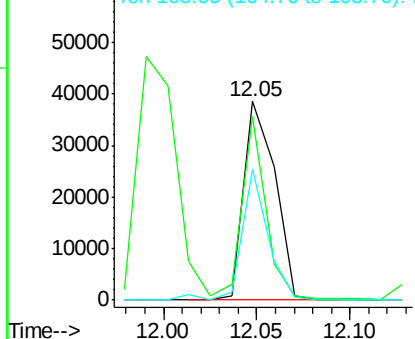


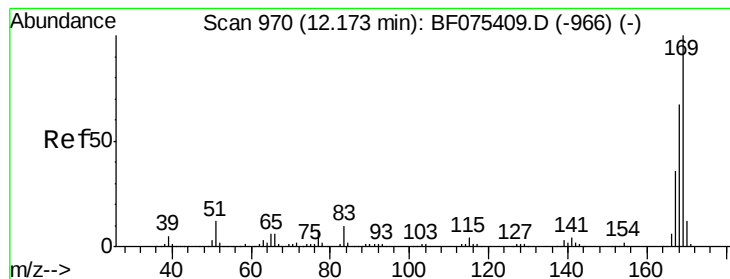
#64
4,6-Dinitro-2-methylphenol
Concen: 47.32 ng
RT: 12.05 min Scan# 959
Delta R.T. -0.03 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Tgt Ion:198 Resp: 45351
Ion Ratio Lower Upper
198 100
51 92.2 26.0 66.0#
105 65.9 24.2 64.2#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 45.31 ng

RT: 12.14 min Scan# 967

Delta R.T. -0.03 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

Instrument :

BNA_F

ClientSampleId :

PB80280BS

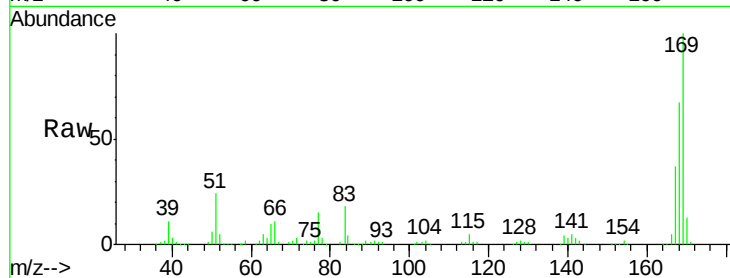
Tgt Ion:169 Resp: 271543

Ion Ratio Lower Upper

169 100

168 67.1 53.5 80.3

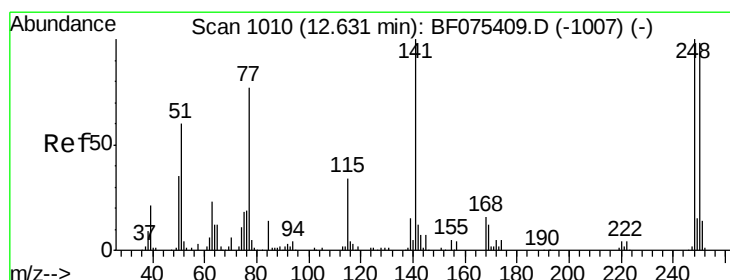
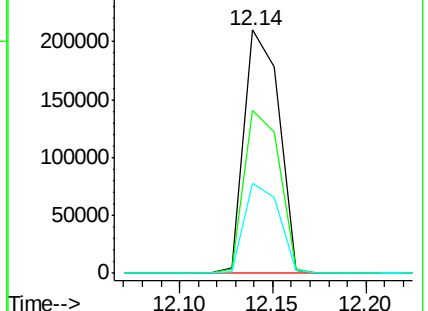
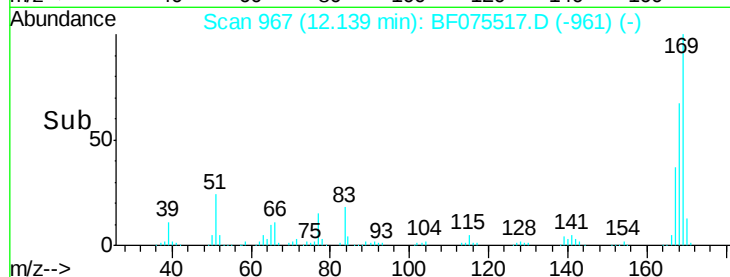
167 36.9 29.8 44.6



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: 49.04 ng

RT: 12.61 min Scan# 1008

Delta R.T. -0.03 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

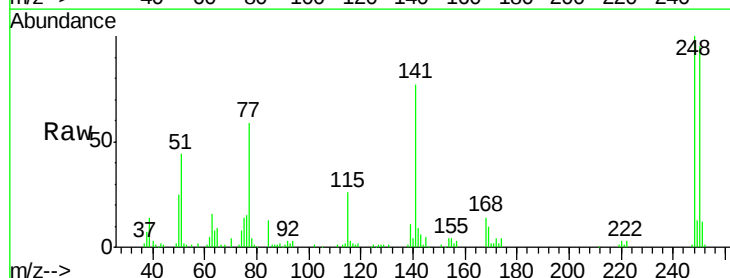
Tgt Ion:248 Resp: 87421

Ion Ratio Lower Upper

248 100

250 94.8 76.3 114.5

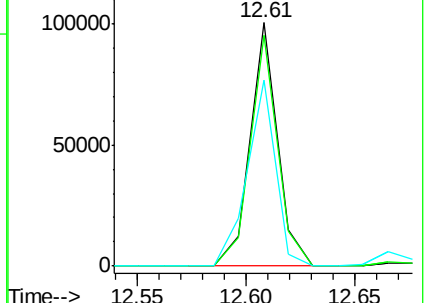
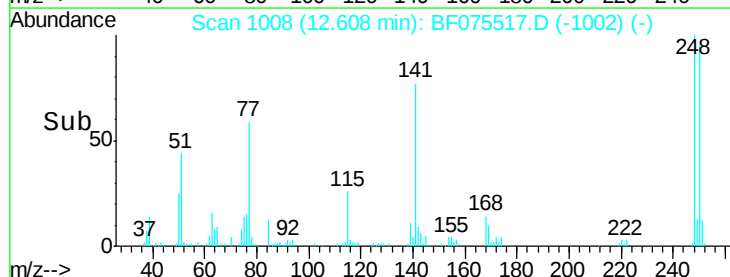
141 76.7 44.3 66.5#

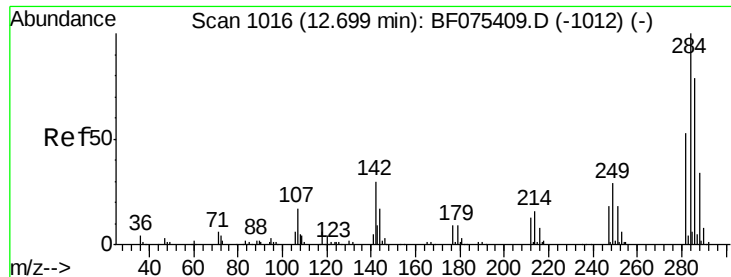


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

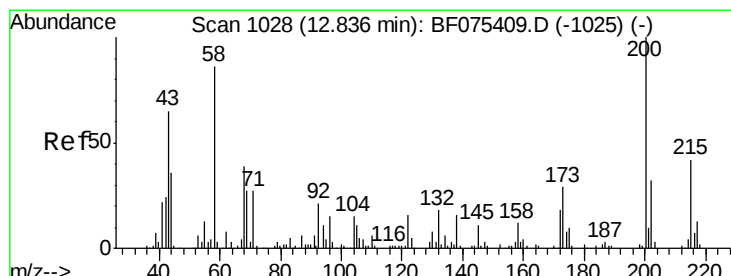
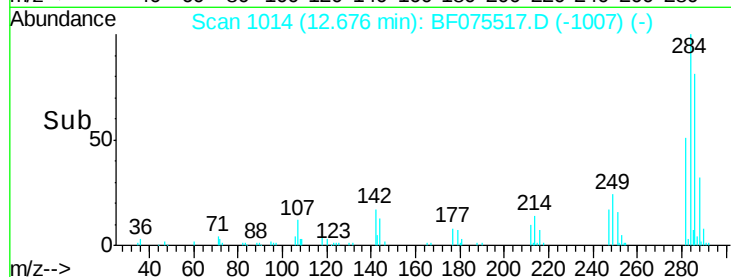
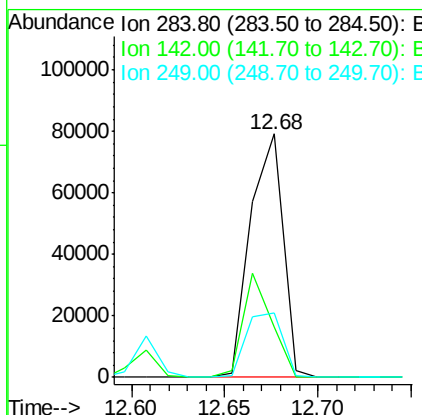
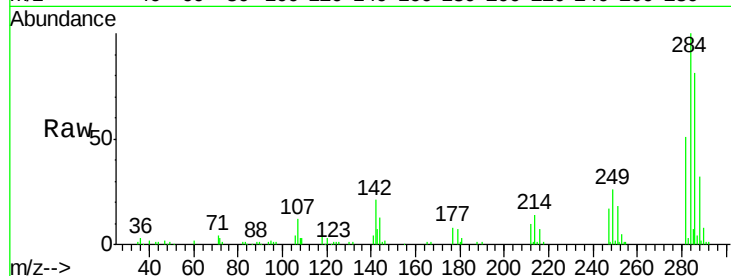




#67
Hexachlorobenzene
Concen: 47.34 ng
RT: 12.68 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

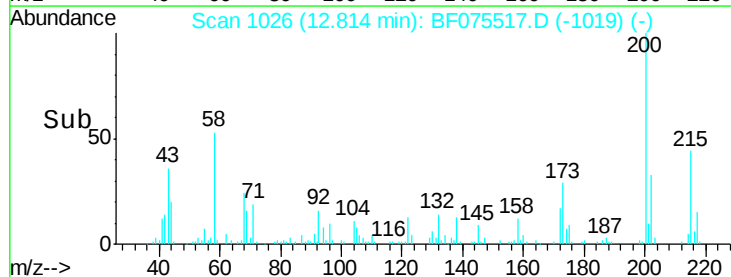
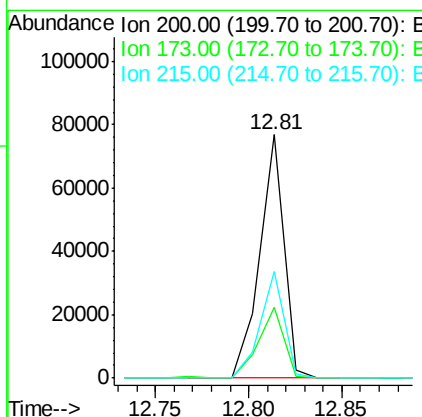
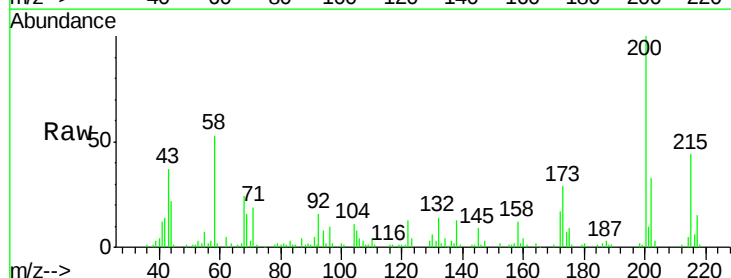
Instrument :
BNA_F
ClientSampleId :
PB80280BS

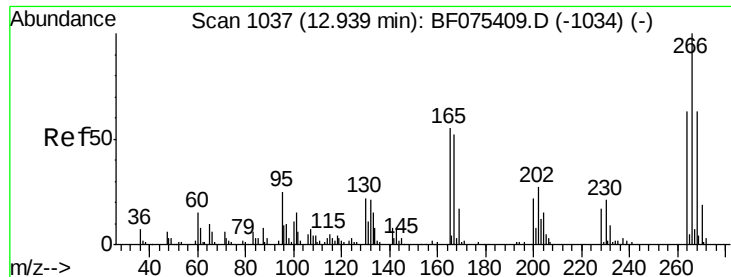
Tgt Ion:284 Resp: 95828
Ion Ratio Lower Upper
284 100
142 20.9 28.7 43.1#
249 26.2 24.1 36.1



#68
Atrazine
Concen: 36.93 ng
RT: 12.81 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Tgt Ion:200 Resp: 68686
Ion Ratio Lower Upper
200 100
173 29.1 12.3 52.3
215 43.9 23.8 63.8





#69

Pentachlorophenol

Concen: 93.31 ng

RT: 12.92 min Scan# 1035

Delta R.T. -0.03 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

Instrument :

BNA_F

ClientSampleId :

PB80280BS

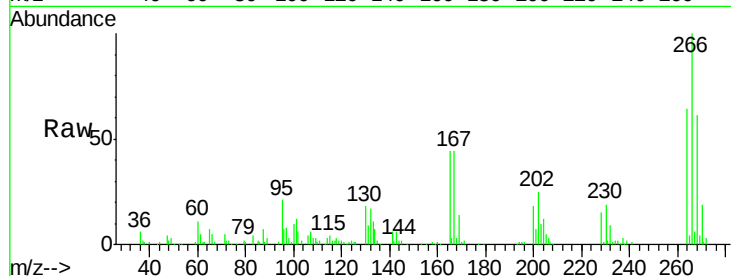
Tgt Ion: 266 Resp: 118565

Ion Ratio Lower Upper

266 100

268 61.2 48.6 73.0

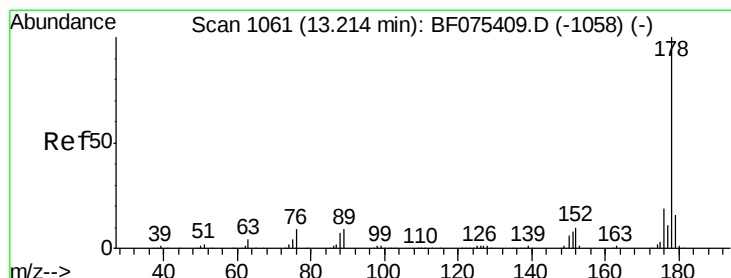
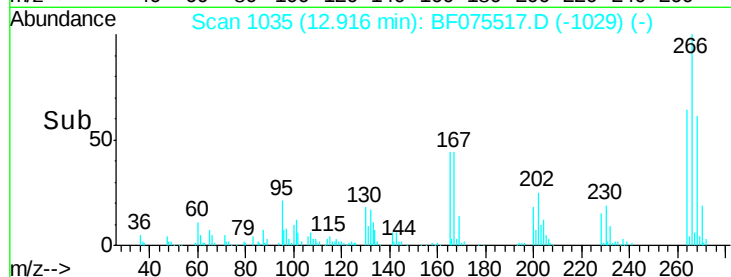
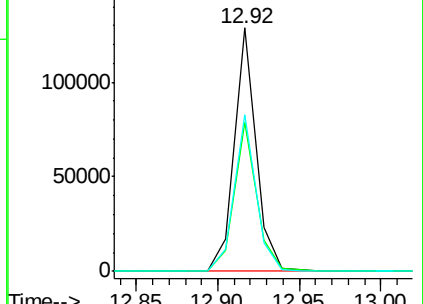
264 64.2 52.1 78.1



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 50.23 ng

RT: 13.19 min Scan# 1059

Delta R.T. -0.02 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

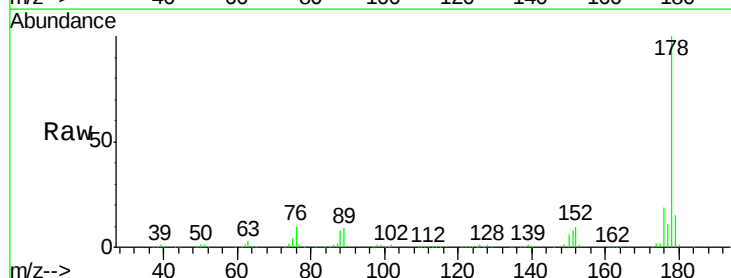
Tgt Ion: 178 Resp: 500921

Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

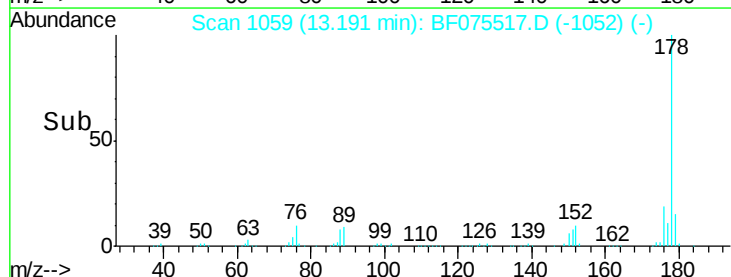
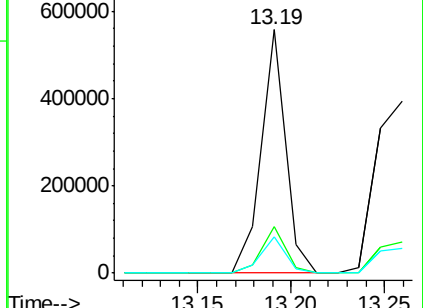
179 14.7 12.2 18.4

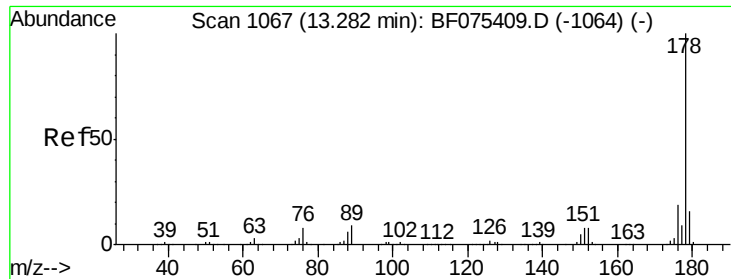


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

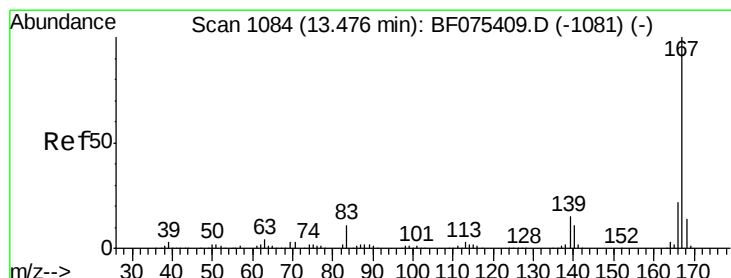
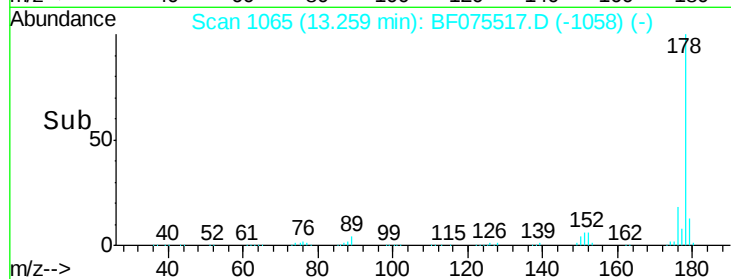
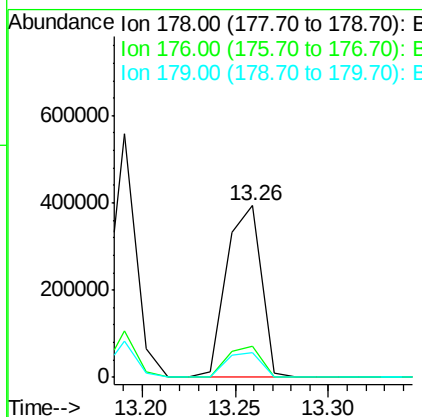
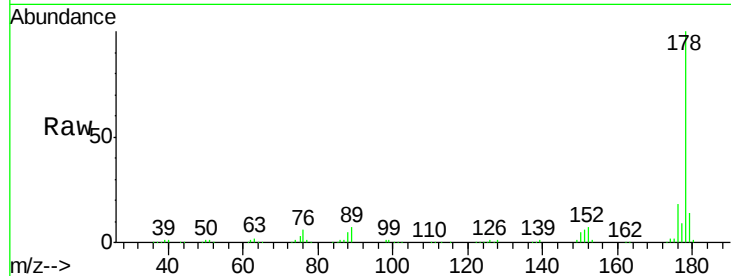




#71
 Anthracene
 Concen: 49.77 ng
 RT: 13.26 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BF075517.D
 Acq: 15 Nov 2014 2:13

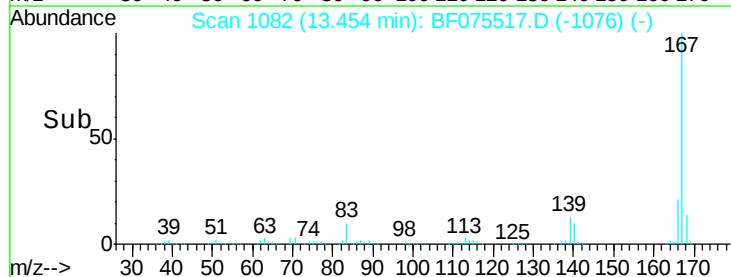
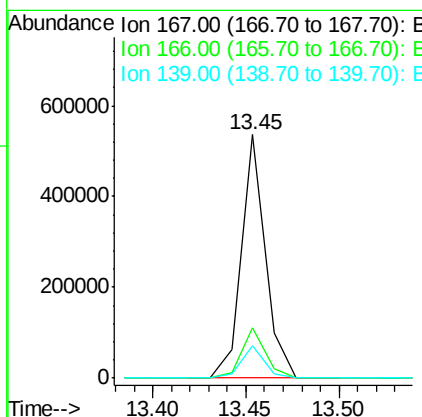
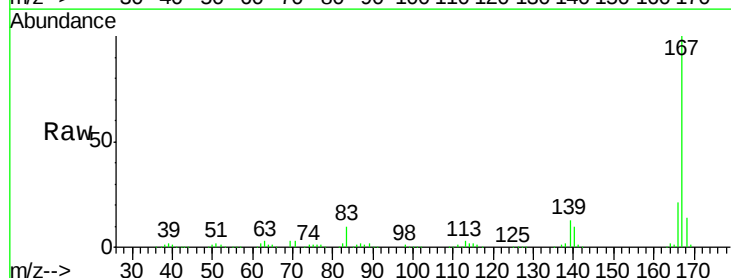
Instrument :
 BNA_F
 ClientSampleId :
 PB80280BS

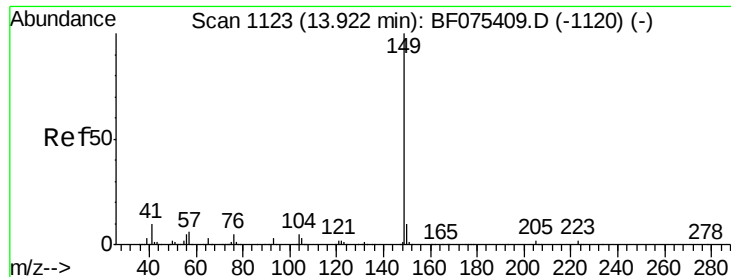
Tgt Ion:178 Resp: 512995
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.1 22.7
 179 14.2 12.2 18.2



#72
 Carbazole
 Concen: 47.64 ng
 RT: 13.45 min Scan# 1082
 Delta R.T. -0.03 min
 Lab File: BF075517.D
 Acq: 15 Nov 2014 2:13

Tgt Ion:167 Resp: 480481
 Ion Ratio Lower Upper
 167 100
 166 20.7 17.4 26.0
 139 13.1 10.1 15.1

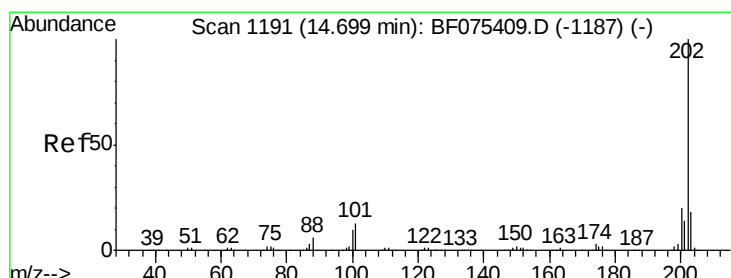
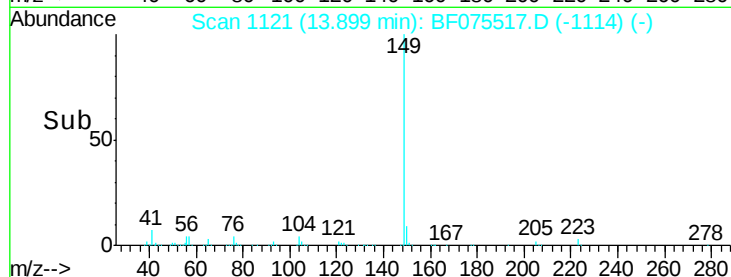
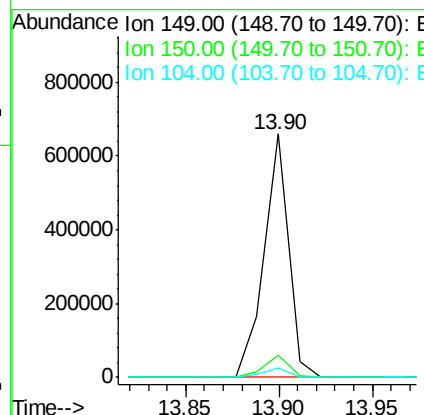
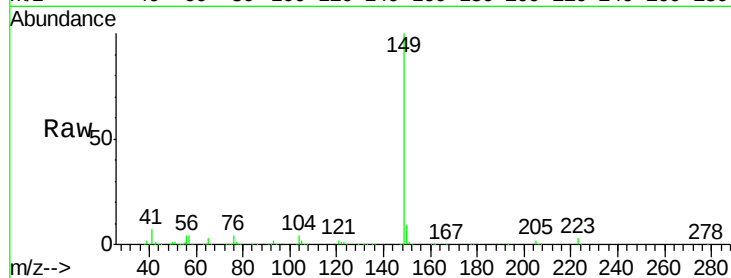




#73
Di-n-butylphthalate
Concen: 42.82 ng
RT: 13.90 min Scan# 1121
Delta R.T. -0.02 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

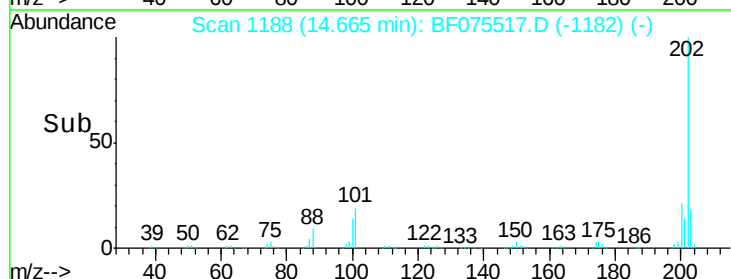
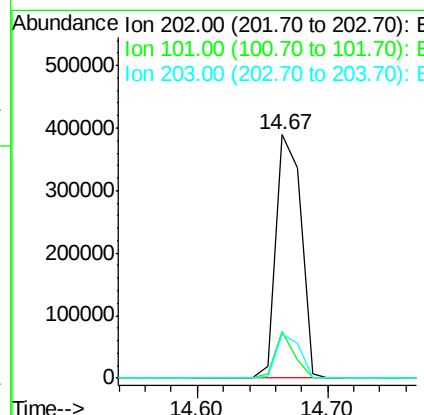
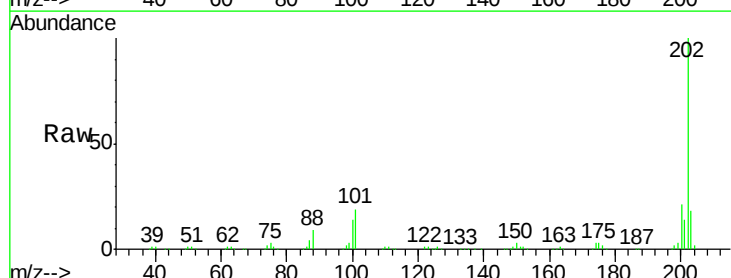
Instrument :
BNA_F
ClientSampleId :
PB80280BS

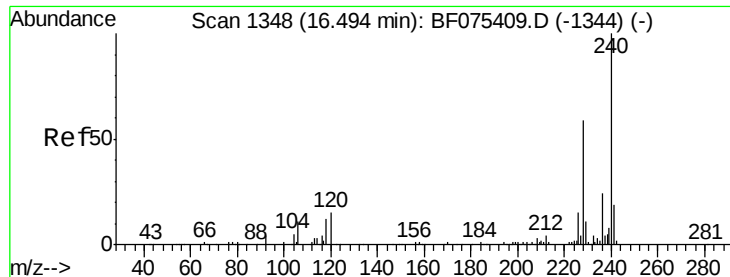
Tgt Ion:149 Resp: 596571
Ion Ratio Lower Upper
149 100
150 9.0 7.3 10.9
104 4.0 3.1 4.7



#74
Fluoranthene
Concen: 48.52 ng
RT: 14.67 min Scan# 1188
Delta R.T. -0.03 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Tgt Ion:202 Resp: 518222
Ion Ratio Lower Upper
202 100
101 19.2 0.0 36.6
203 18.2 0.0 38.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.45 min Scan# 1344

Delta R.T. -0.09 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

Instrument :

BNA_F

ClientSampleId :

PB80280BS

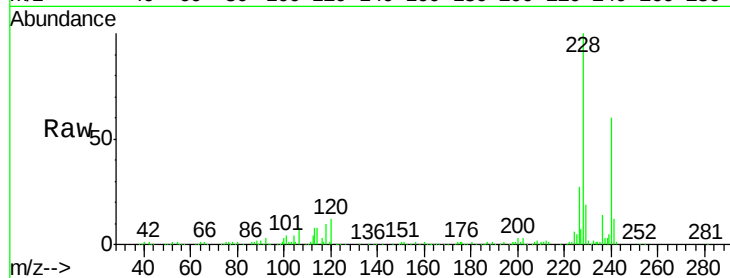
Tgt Ion:240 Resp: 193053

Ion Ratio Lower Upper

240 100

120 19.3 9.6 14.4#

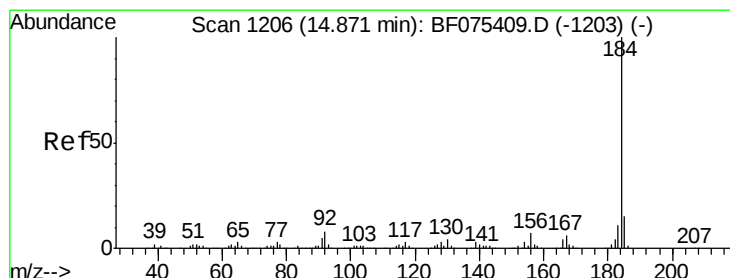
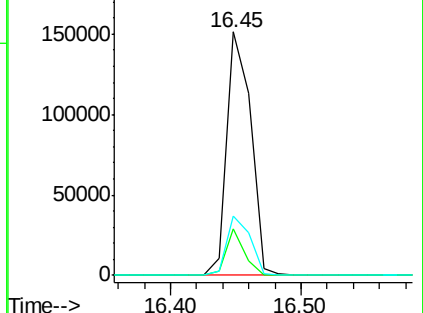
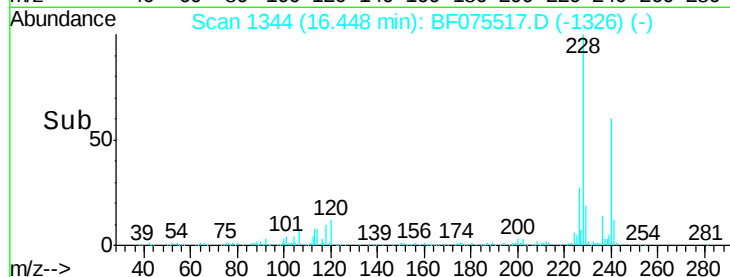
236 24.2 18.9 28.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 9.32 ng

RT: 14.84 min Scan# 1203

Delta R.T. -0.03 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

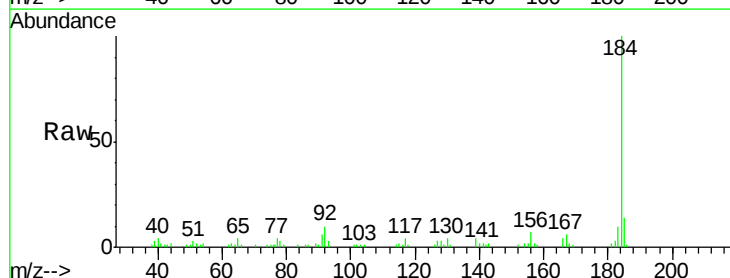
Tgt Ion:184 Resp: 57186

Ion Ratio Lower Upper

184 100

185 13.7 10.9 16.3

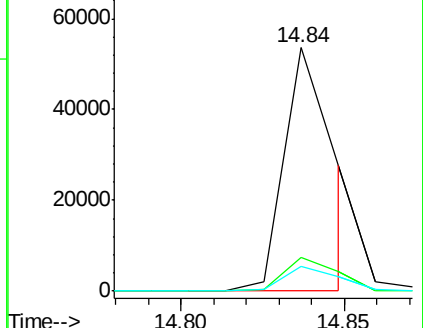
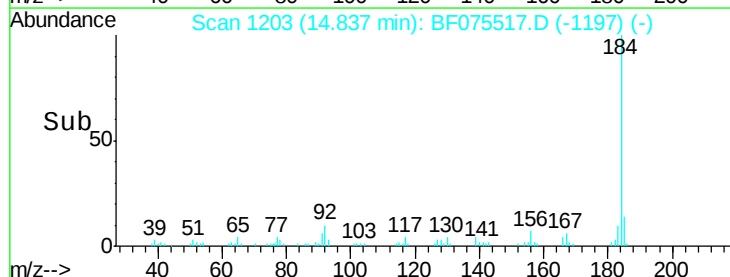
183 10.4 8.7 13.1

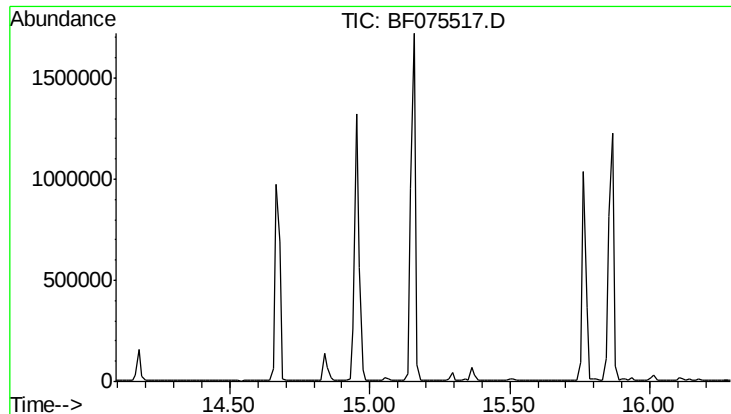


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 0.00 ng

Expected RT: 15.19 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

Instrument :

BNA_F

ClientSampleId :

PB80280BS

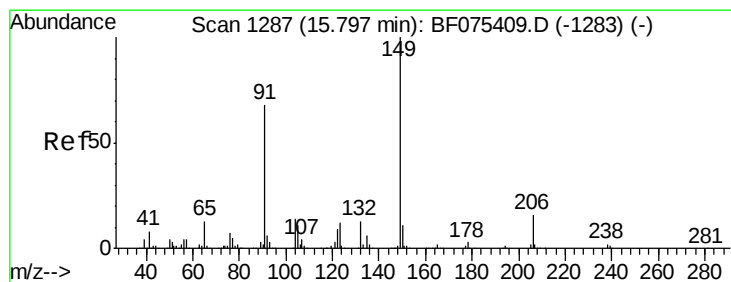
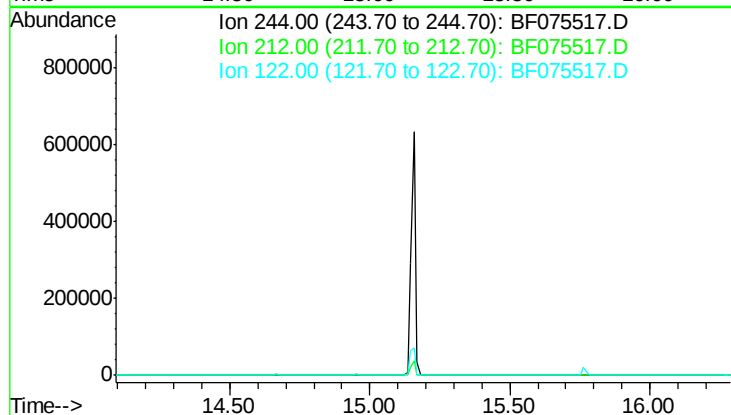
Tgt Ion: 244

Sig Exp Ratio

244 100

212 6.9

122 12.1



#79

Butylbenzylphthalate

Concen: 42.44 ng

RT: 15.76 min Scan# 1284

Delta R.T. -0.06 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

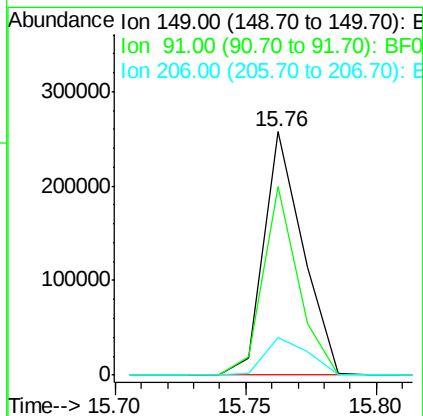
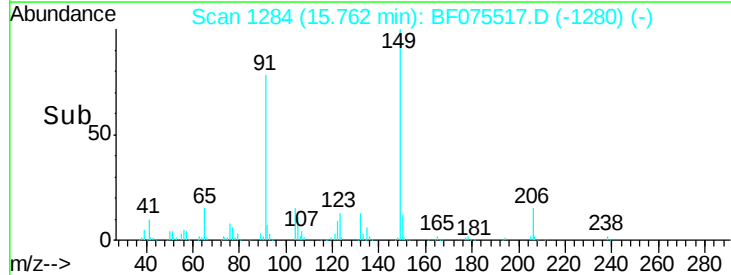
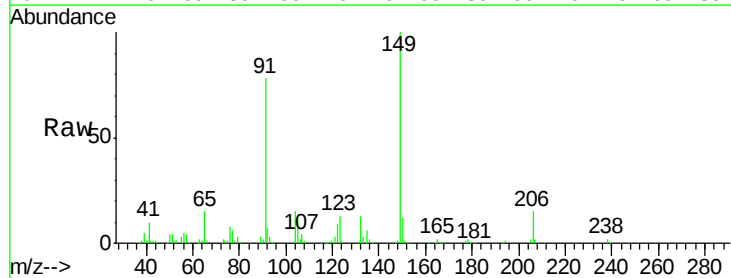
Tgt Ion: 149 Resp: 267526

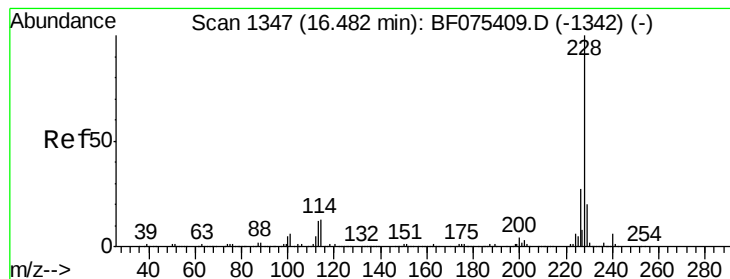
Ion Ratio Lower Upper

149 100

91 77.5 49.0 73.4#

206 15.2 15.5 23.3#





#80

Benzo(a)anthracene

Concen: 49.76 ng

RT: 16.44 min Scan# 1343

Delta R.T. -0.09 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

Instrument :

BNA_F

ClientSampleId :

PB80280BS

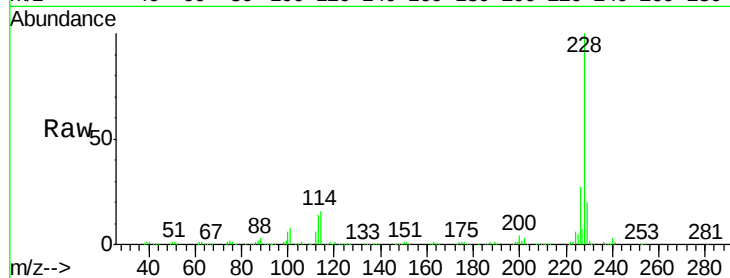
Tgt Ion:228 Resp: 504612

Ion Ratio Lower Upper

228 100

226 27.5 21.8 32.8

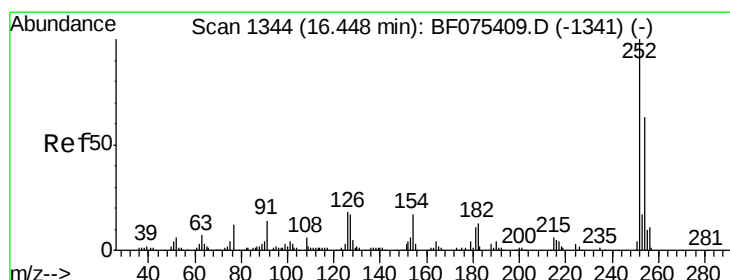
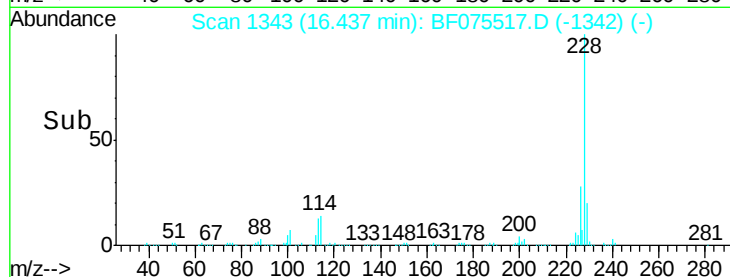
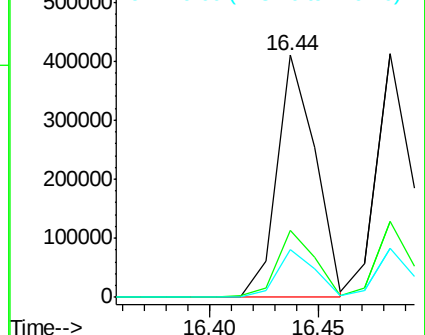
229 19.8 15.3 22.9



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



#81

3,3'-Dichlorobenzidine

Concen: 40.05 ng

RT: 16.41 min Scan# 1341

Delta R.T. -0.09 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

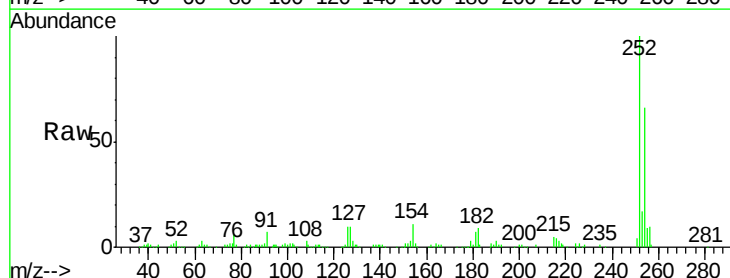
Tgt Ion:252 Resp: 149958

Ion Ratio Lower Upper

252 100

254 66.3 50.0 75.0

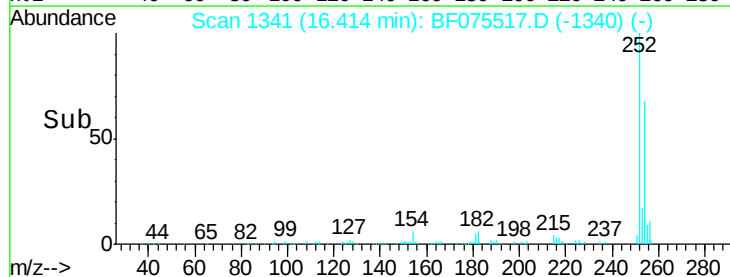
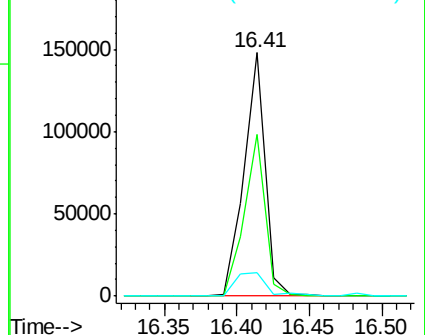
126 9.8 16.0 24.0#

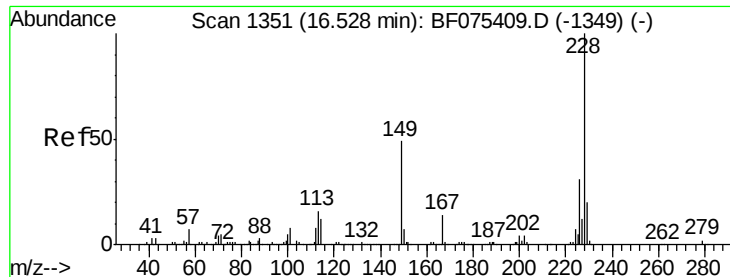


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 51.49 ng

RT: 16.48 min Scan# 1347

Delta R.T. -0.09 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

Instrument :

BNA_F

ClientSampleId :

PB80280BS

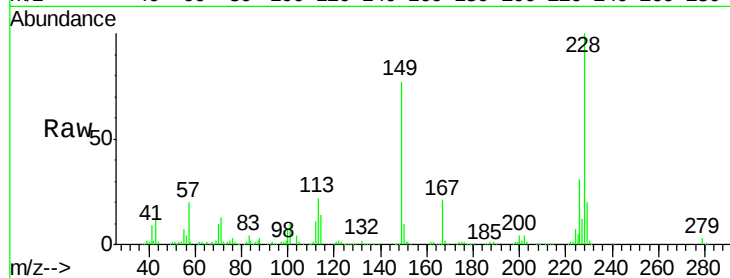
Tgt Ion: 228 Resp: 451643

Ion Ratio Lower Upper

228 100

226 30.9 23.8 35.6

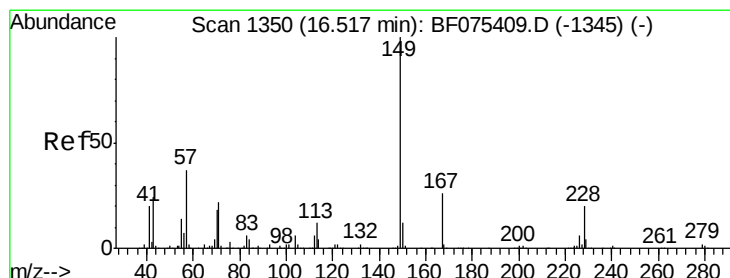
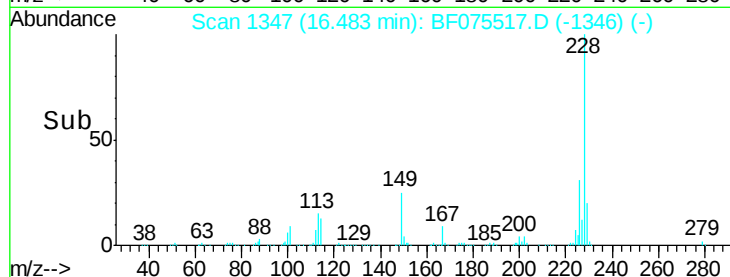
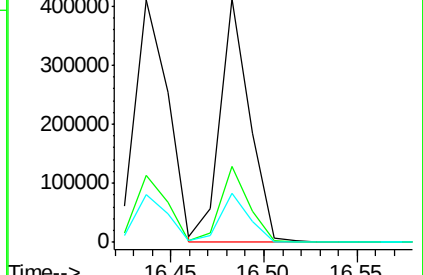
229 20.2 15.8 23.6



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: 39.57 ng

RT: 16.48 min Scan# 1347

Delta R.T. -0.09 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

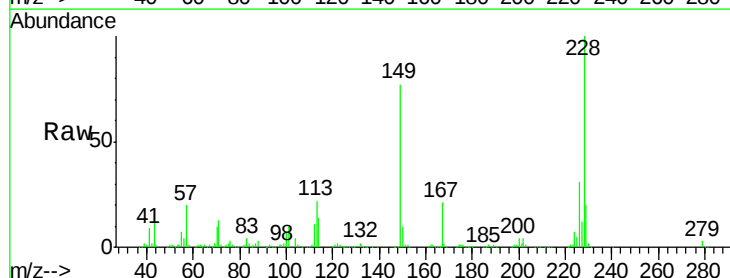
Tgt Ion: 149 Resp: 392890

Ion Ratio Lower Upper

149 100

167 26.8 21.4 32.2

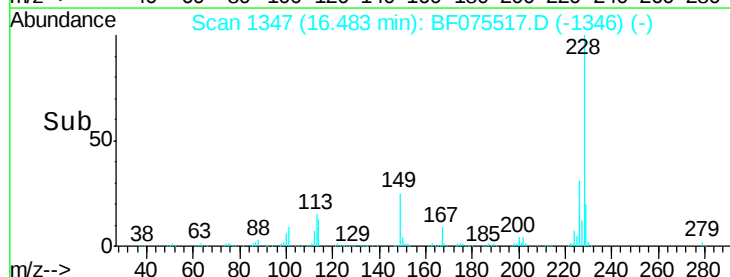
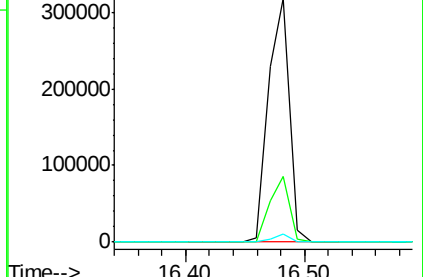
279 3.4 2.8 4.2

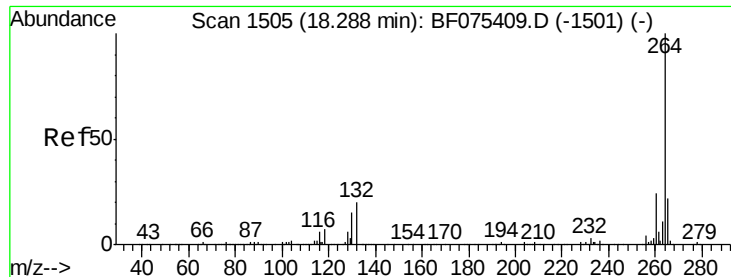


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

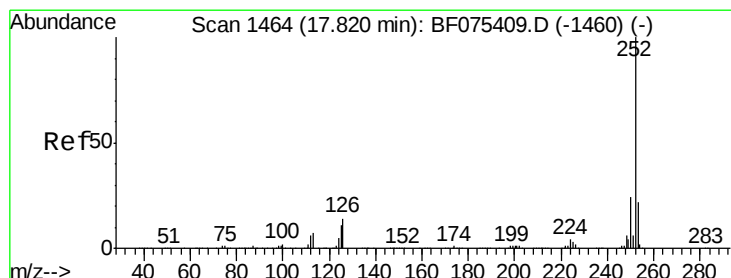
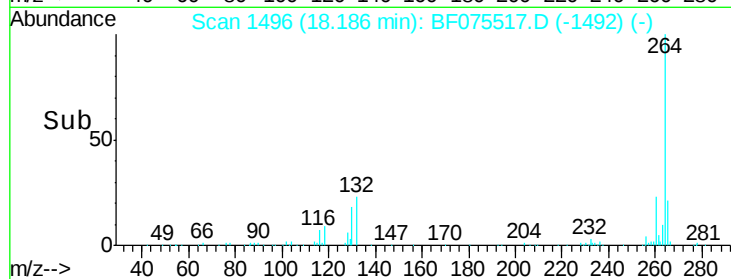
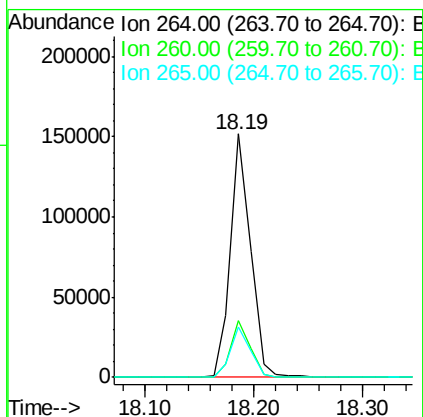
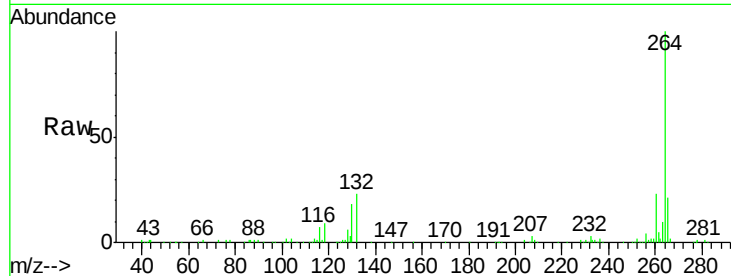




#86
Perylene-d12
Concen: 20.00 ng
RT: 18.19 min Scan# 1496
Delta R.T. -0.25 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

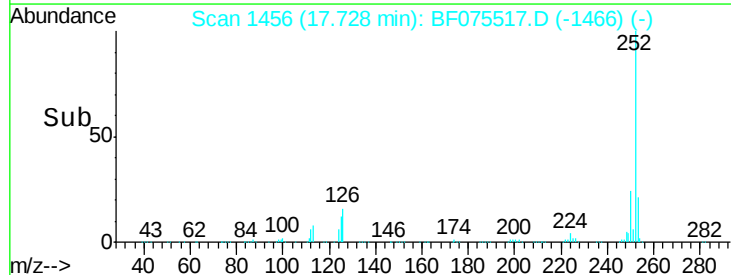
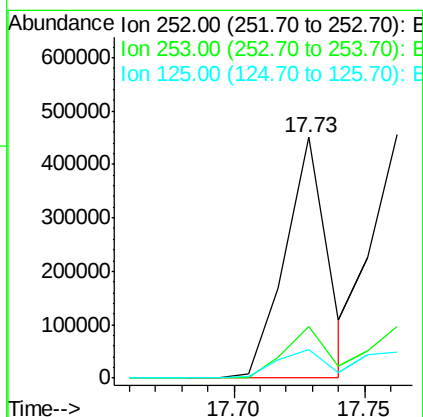
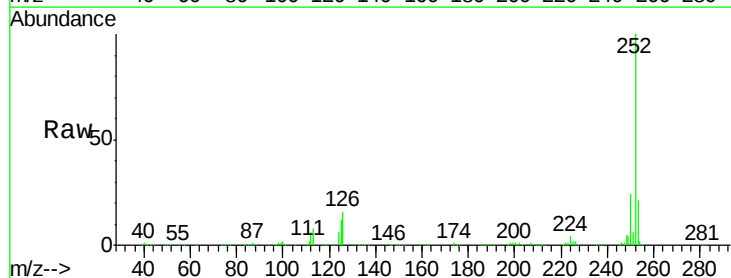
Instrument :
BNA_F
ClientSampleId :
PB80280BS

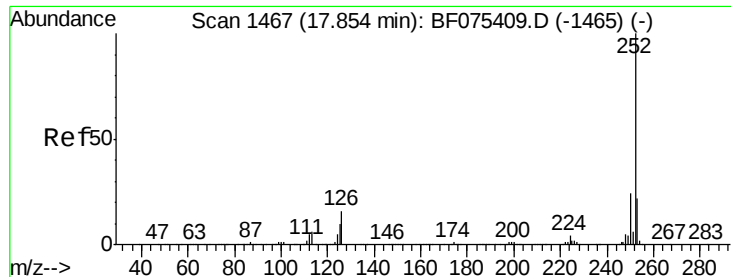
Tgt Ion: 264 Resp: 194258
Ion Ratio Lower Upper
264 100
260 23.2 17.9 26.9
265 20.6 16.3 24.5



#87
Benzo(b)fluoranthene
Concen: 48.62 ng
RT: 17.73 min Scan# 1456
Delta R.T. -0.22 min
Lab File: BF075517.D
Acq: 15 Nov 2014 2:13

Tgt Ion: 252 Resp: 504969
Ion Ratio Lower Upper
252 100
253 21.5 17.7 26.5
125 11.6 11.8 17.6#





#88

Benzo(k)fluoranthene

Concen: 54.18 ng

RT: 17.73 min Scan# 1456

Delta R.T. -0.25 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

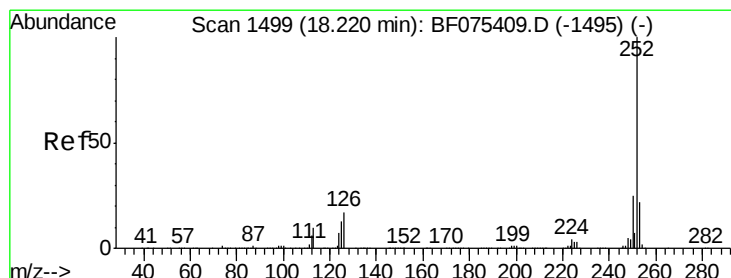
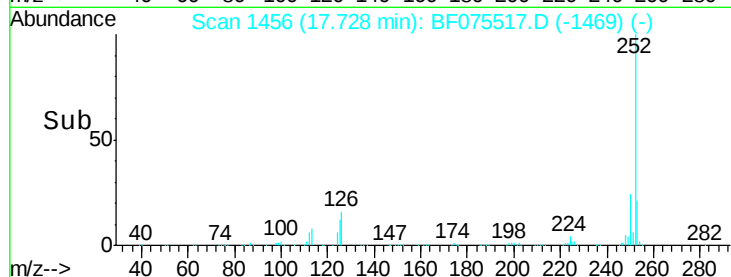
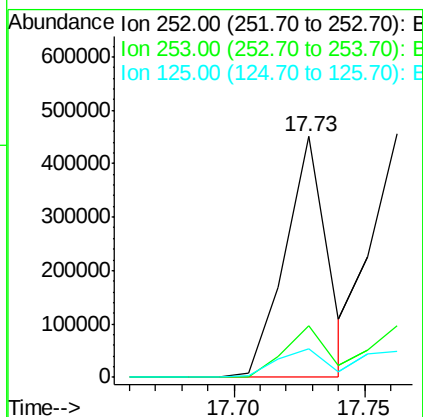
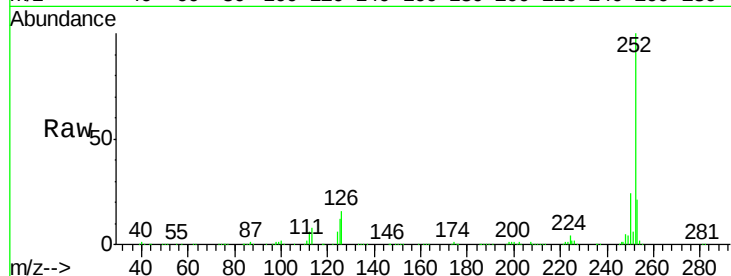
Instrument :

BNA_F

ClientSampleId :

PB80280BS

Tgt Ion:	252	Resp:	504969
Ion Ratio	Lower	Upper	
252	100		
253	21.5	18.1	27.1
125	11.6	11.6	17.4



#89

Benzo(a)pyrene

Concen: 53.44 ng

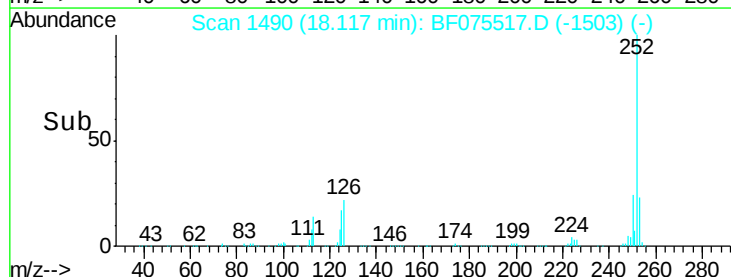
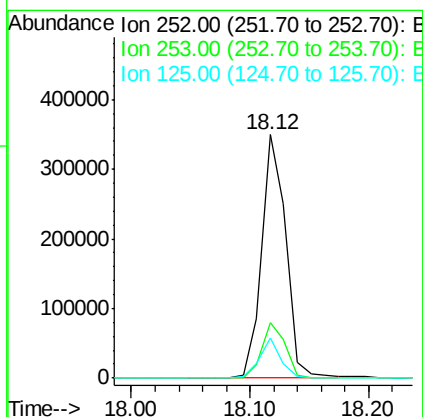
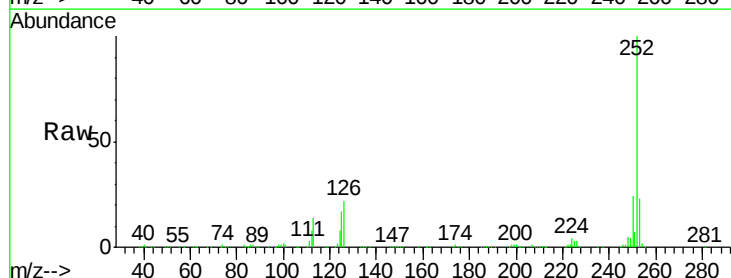
RT: 18.12 min Scan# 1490

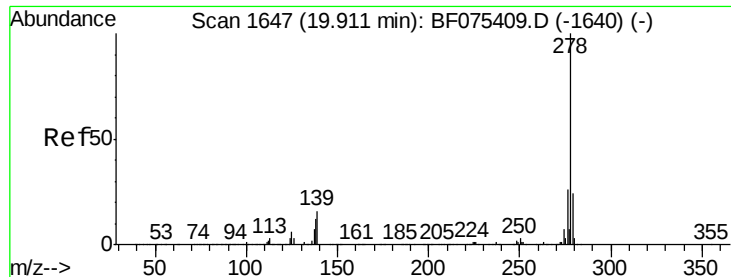
Delta R.T. -0.25 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

Tgt Ion:	252	Resp:	496623
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.1	25.7
125	16.6	12.2	18.4





#90

Dibenzo(a,h)anthracene

Concen: 53.94 ng

RT: 19.77 min Scan# 1635

Delta R.T. -0.30 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

Instrument :

BNA_F

ClientSampleId :

PB80280BS

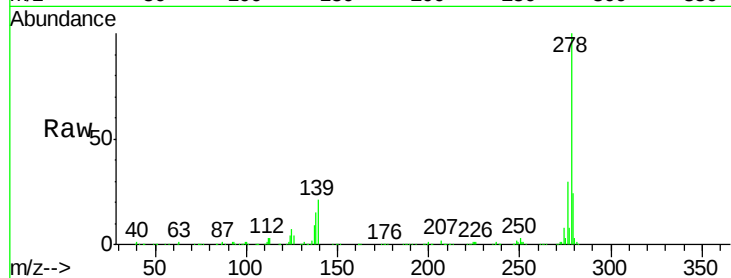
Tgt Ion: 278 Resp: 523499

Ion Ratio Lower Upper

278 100

139 21.0 13.6 20.4#

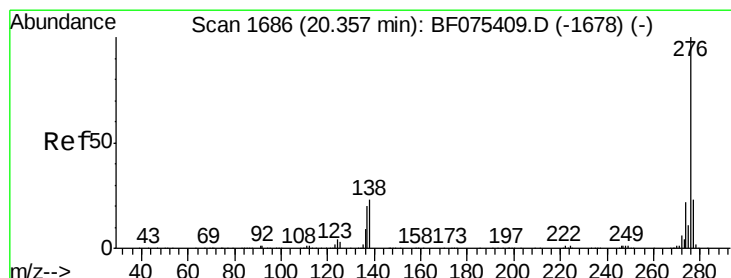
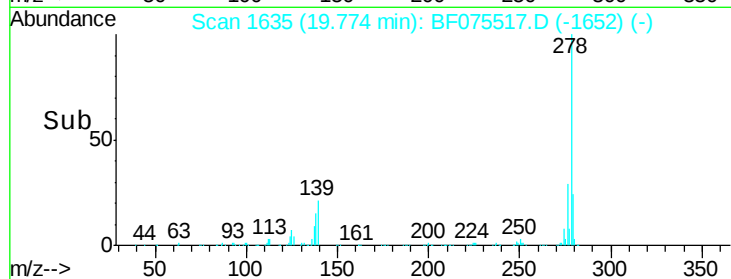
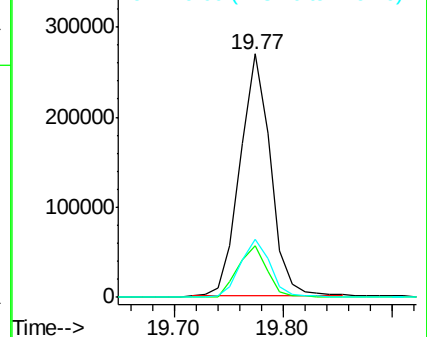
279 23.6 19.4 29.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 56.60 ng

RT: 20.21 min Scan# 1673

Delta R.T. -0.30 min

Lab File: BF075517.D

Acq: 15 Nov 2014 2:13

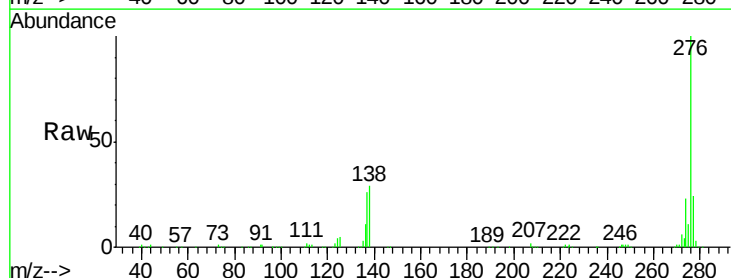
Tgt Ion: 276 Resp: 523362

Ion Ratio Lower Upper

276 100

277 23.9 17.8 26.8

138 28.9 22.8 34.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

