

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075597.D
 Acq On : 16 Nov 2014 23:29
 Operator : TP / JJ
 Sample : PB79309BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB79309BS

Quant Time: Nov 17 06:08:24 2014
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 17 05:54:27 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	21179	20.00	ng	0.00
21) Naphthalene-d8	9.13	136	99115	20.00	ng	0.00
38) Acenaphthene-d10	11.32	164	53663	20.00	ng	0.00
63) Phenanthrene-d10	13.17	188	89369	20.00	ng	0.00
75) Chrysene-d12	16.46	240	93662	20.00	ng	-0.01
86) Perylene-d12	18.21	264	83829	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	102716	85.68	ng	0.00
7) Phenol-d6	7.10	99	121241	84.10	ng	-0.01
23) Nitrobenzene-d5	8.24	82	119933	88.71	ng	0.00
41) 2,4,6-Tribromophenol	12.30	330	35035	77.95	ng	0.00
44) 2-Fluorobiphenyl	10.48	172	263746	88.81	ng	0.00
78) Terphenyl-d14	15.16	244	295136	84.83	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.48	88	17196	34.17	ng	# 94
3) Pyridine	3.28	79	31181	23.06	ng	92
4) n-Nitrosodimethylamine	3.19	42	28678	40.06	ng	# 97
6) Aniline	7.13	93	33694	16.18	ng	# 91
8) 2-Chlorophenol	7.28	128	58613	42.24	ng	87
10) Phenol	7.12	94	73689	41.90	ng	92
11) bis(2-Chloroethyl)ether	7.24	93	58137	43.64	ng	# 84
12) 1,3-Dichlorobenzene	7.48	146	62405	41.27	ng	96
13) 1,4-Dichlorobenzene	7.58	146	63284	41.14	ng	93
14) 1,2-Dichlorobenzene	7.76	146	61646	42.74	ng	94
15) Benzyl Alcohol	7.73	79	49878	44.07	ng	88
16) 2,2'-oxybis(1-Chloropropan	7.91	45	124171	45.03	ng	98
17) 2-Methylphenol	7.88	107	47652	41.48	ng	96
18) Hexachloroethane	8.17	117	21687	41.11	ng	95
19) n-Nitroso-di-n-propylamine	8.06	70	42252	43.01	ng	96
20) 3+4-Methylphenols	8.06	107	64782	43.07	ng	# 78
22) Acetophenone	8.06	105	92483	43.25	ng	# 92
24) Nitrobenzene	8.26	77	64956	41.46	ng	93
25) Isophorone	8.56	82	118570	38.41	ng	97
26) 2-Nitrophenol	8.66	139	29760	41.69	ng	# 75
27) 2,4-Dimethylphenol	8.72	122	52597	38.02	ng	99
28) bis(2-Chloroethoxy)methane	8.84	93	73023	38.82	ng	99
29) 2,4-Dichlorophenol	8.96	162	51217	42.25	ng	95
30) 1,2,4-Trichlorobenzene	9.06	180	50525	39.70	ng	97
31) Naphthalene	9.16	128	182129	41.22	ng	99
32) Benzoic acid	8.80	122	33055	39.54	ng	86
33) 4-Chloroaniline	9.22	127	34738	18.09	ng	# 91
34) Hexachlorobutadiene	9.32	225	26078	37.91	ng	97
35) Caprolactam	9.65	113	16534	41.16	ng	# 85
36) 4-Chloro-3-methylphenol	9.83	107	54152	40.72	ng	96
37) 2-Methylnaphthalene	10.02	142	126387	41.92	ng	96
39) 1,2,4,5-Tetrachlorobenzene	10.23	216	48167	43.66	ng	99
40) Hexachlorocyclopentadiene	10.21	237	54566	81.43	ng	97
42) 2,4,6-Trichlorophenol	10.37	196	33375	38.05	ng	95

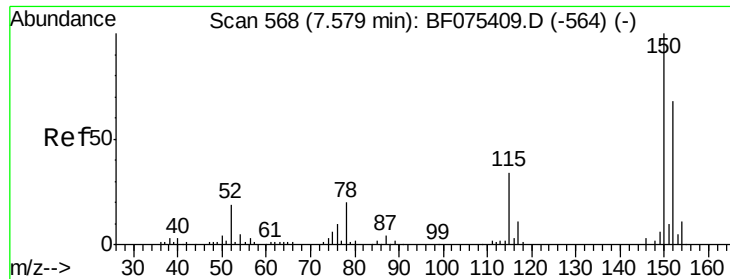
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	10.41	196	34598	37.87	ng	# 82
45) 1,1'-Biphenyl	10.61	154	150221	41.50	ng	94
46) 2-Chloronaphthalene	10.63	162	119164	42.10	ng	91
47) 2-Nitroaniline	10.75	65	37539	44.08	ng	99
48) Acenaphthylene	11.15	152	205863	44.11	ng	100
49) Dimethylphthalate	10.99	163	152023	41.44	ng	100
50) 2,6-Dinitrotoluene	11.07	165	30008	41.53	ng	# 54
51) Acenaphthene	11.35	154	113315	40.23	ng	99
52) 3-Nitroaniline	11.26	138	24680	28.97	ng	99
53) 2,4-Dinitrophenol	11.40	184	26276	69.05	ng	# 70
54) Dibenzofuran	11.57	168	169215	42.03	ng	99
55) 4-Nitrophenol	11.48	139	59790	87.79	ng	# 77
56) 2,4-Dinitrotoluene	11.56	165	43670	46.00	ng	# 87
57) Fluorene	12.00	166	145209	44.60	ng	98
58) 2,3,4,6-Tetrachlorophenol	11.72	232	27182	37.48	ng	95
59) Diethylphthalate	11.87	149	154494	40.58	ng	95
60) 4-Chlorophenyl-phenylether	12.00	204	61968	44.27	ng	93
61) 4-Nitroaniline	12.01	138	37244	43.73	ng	96
62) Azobenzene	12.20	77	133889	39.98	ng	96
64) 4,6-Dinitro-2-methylphenol	12.06	198	18893	41.80	ng	84
65) n-Nitrosodiphenylamine	12.15	169	121057	42.82	ng	99
66) 4-Bromophenyl-phenylether	12.61	248	35471	42.19	ng	# 71
67) Hexachlorobenzene	12.68	284	42630	44.65	ng	97
68) Atrazine	12.81	200	34855	39.73	ng	97
69) Pentachlorophenol	12.93	266	41700	69.58	ng	98
70) Phenanthrene	13.19	178	211065	44.88	ng	99
71) Anthracene	13.26	178	222672	45.80	ng	98
72) Carbazole	13.47	167	207437	43.61	ng	99
73) Di-n-butylphthalate	13.90	149	265827	40.45	ng	99
74) Fluoranthene	14.68	202	234195	46.49	ng	91
76) Benzidine	14.85	184	66249	22.24	ng	98
77) Pyrene	14.96	202	245752	45.13	ng	99
79) Butylbenzylphthalate	15.77	149	121648	39.78	ng	96
80) Benzo(a)anthracene	16.45	228	215770	43.85	ng	99
81) 3,3'-Dichlorobenzidine	16.41	252	42178	23.22	ng	# 98
82) Chrysene	16.49	228	201244	47.29	ng	99
83) Bis(2-ethylhexyl)phthalate	16.48	149	176518	36.65	ng	# 99
84) Di-n-octyl phthalate	17.27	149	316468	37.32	ng	98
85) Indeno(1,2,3-cd)pyrene	19.77	276	226184	43.81	ng	# 100
87) Benzo(b)fluoranthene	17.74	252	244041	54.45	ng	97
88) Benzo(k)fluoranthene	17.74	252	244029	60.67	ng	97
89) Benzo(a)pyrene	18.14	252	207603	51.77	ng	# 93
90) Dibenzo(a,h)anthracene	19.80	278	205800	49.14	ng	99
91) Benzo(g,h,i)perylene	20.24	276	186655	46.78	ng	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.56 min Scan# 566

Delta R.T. 0.00 min

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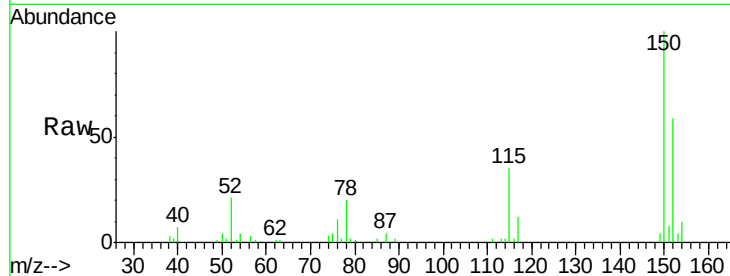
Tgt Ion:152 Resp: 21179

Ion Ratio Lower Upper

152 100

150 168.9 127.2 190.8

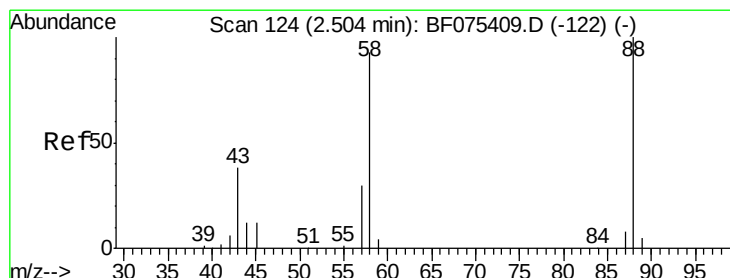
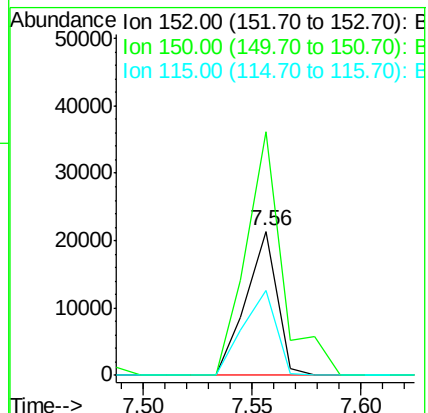
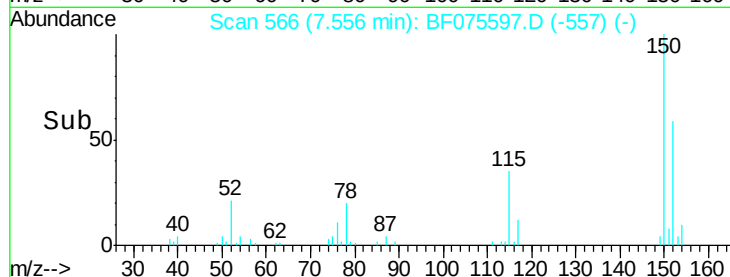
115 58.5 57.1 85.7



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: 34.17 ng

RT: 2.48 min Scan# 122

Delta R.T. 0.02 min

Lab File: BF075597.D

Acq: 16 Nov 2014 23:29

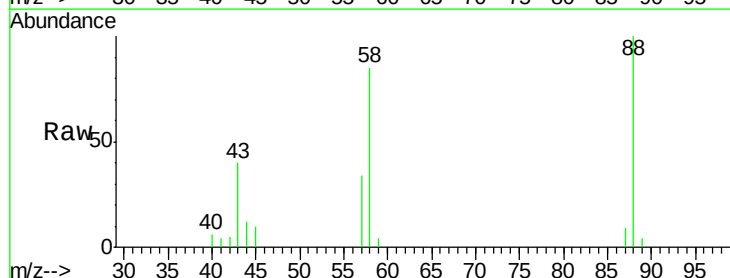
Tgt Ion: 88 Resp: 17196

Ion Ratio Lower Upper

88 100

58 92.4 73.5 110.3

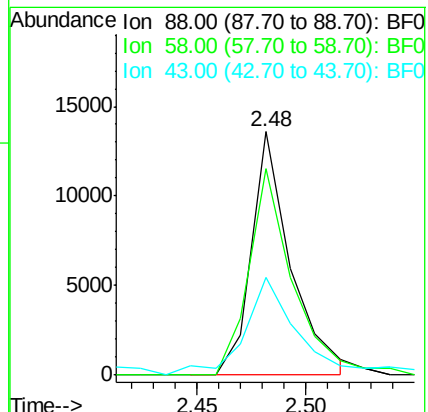
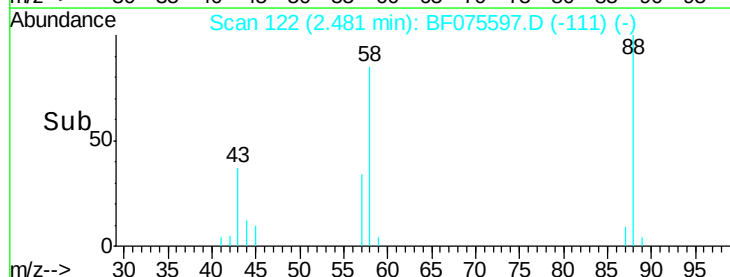
43 51.3 31.9 47.9#

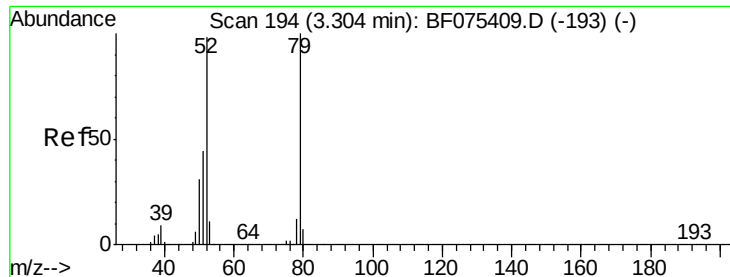


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 23.06 ng

RT: 3.28 min Scan# 192

Delta R.T. 0.03 min

Lab File: BF075597.D

Acq: 16 Nov 2014 23:29

Instrument :

BNA_F

ClientSampleId :

PB79309BS

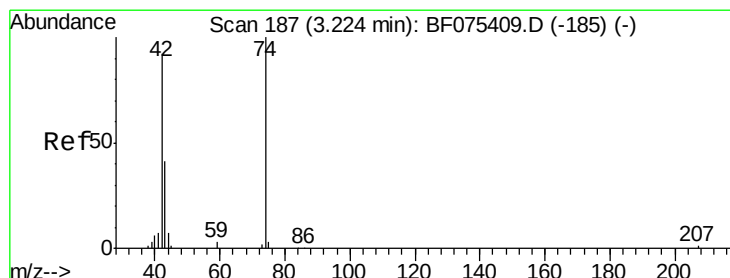
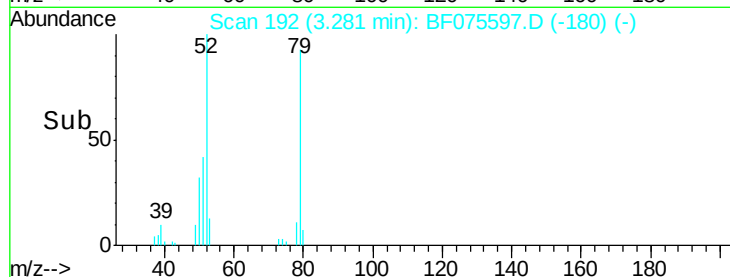
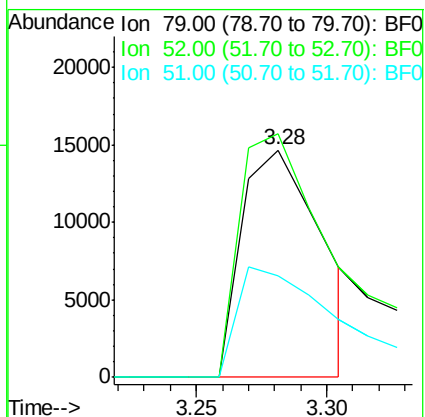
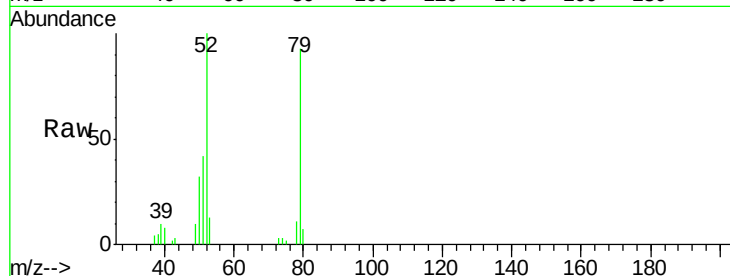
Tgt Ion: 79 Resp: 31181

Ion Ratio Lower Upper

79 100

52 107.0 76.6 115.0

51 44.8 37.0 55.4



#4

n-Nitrosodimethylamine

Concen: 40.06 ng

RT: 3.19 min Scan# 184

Delta R.T. 0.01 min

Lab File: BF075597.D

Acq: 16 Nov 2014 23:29

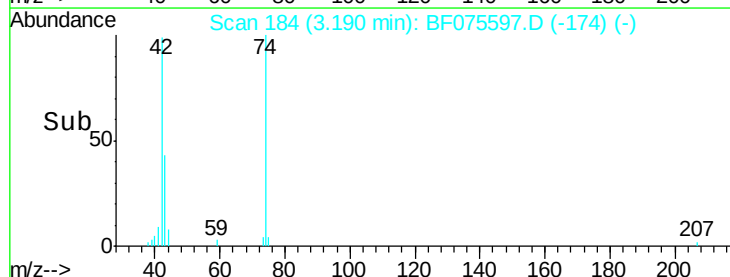
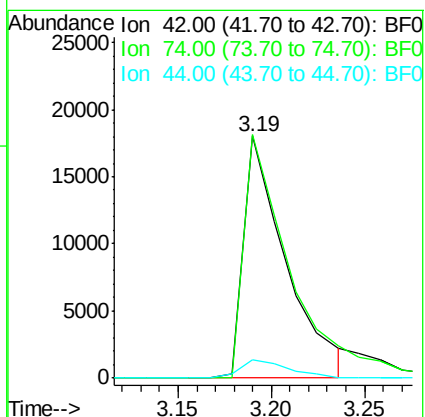
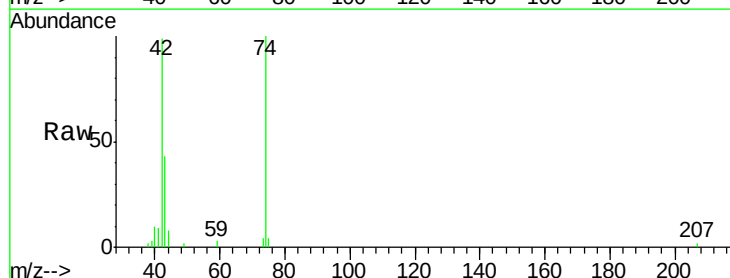
Tgt Ion: 42 Resp: 28678

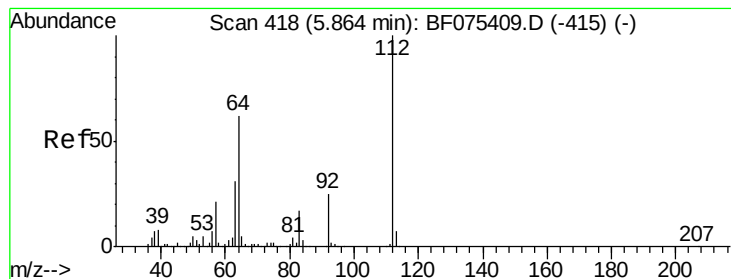
Ion Ratio Lower Upper

42 100

74 100.6 82.4 123.6

44 7.7 8.2 12.4#





#5

2-Fluorophenol

Concen: 85.68 ng

RT: 5.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF075597.D

Acq: 16 Nov 2014 23:29

Instrument :

BNA_F

ClientSampleId :

PB79309BS

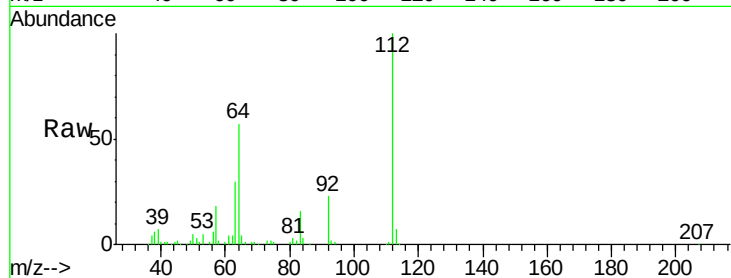
Tgt Ion: 112 Resp: 102716

Ion Ratio Lower Upper

112 100

64 56.6 45.8 68.6

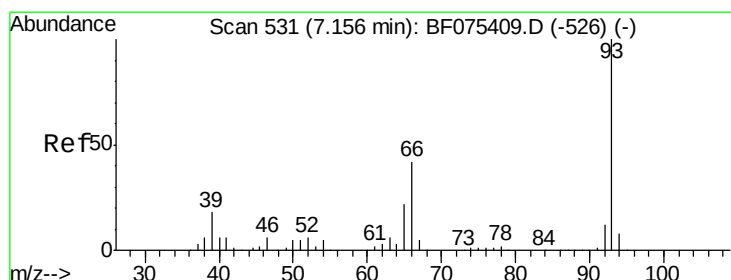
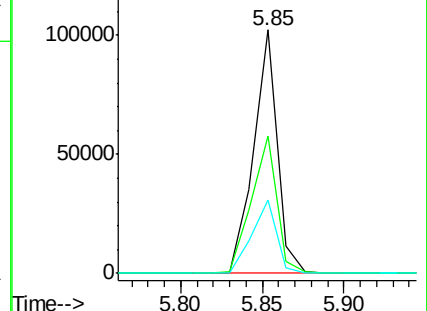
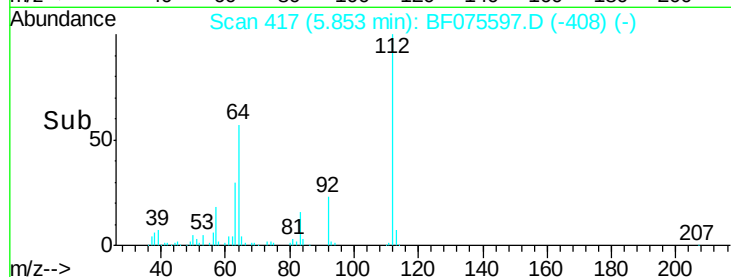
63 30.2 22.7 34.1



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: 16.18 ng

RT: 7.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF075597.D

Acq: 16 Nov 2014 23:29

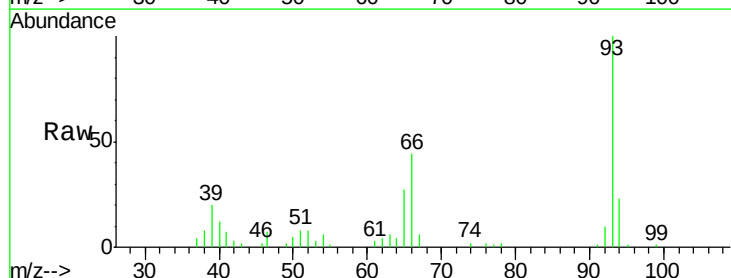
Tgt Ion: 93 Resp: 33694

Ion Ratio Lower Upper

93 100

66 44.0 31.8 47.8

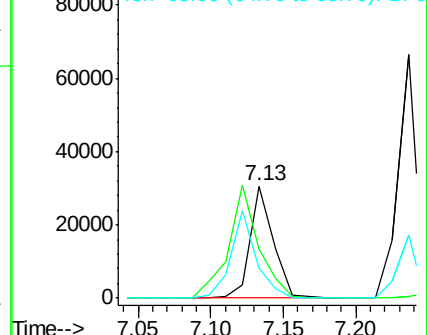
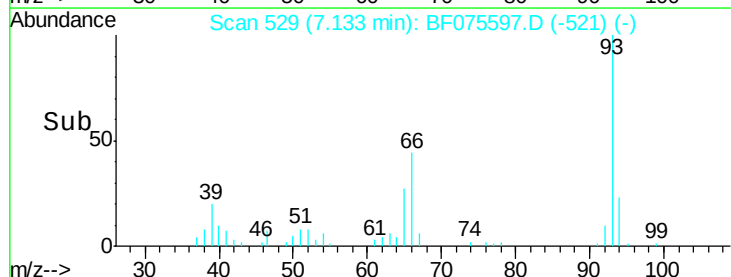
65 26.6 16.6 25.0#

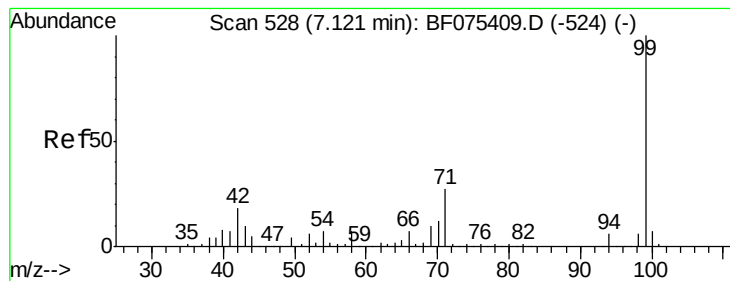


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 84.10 ng

RT: 7.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF075597.D

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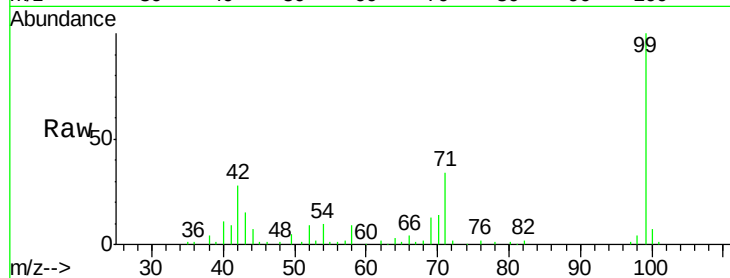
Tgt Ion: 99 Resp: 121241

Ion Ratio Lower Upper

99 100

42 28.0 19.8 29.6

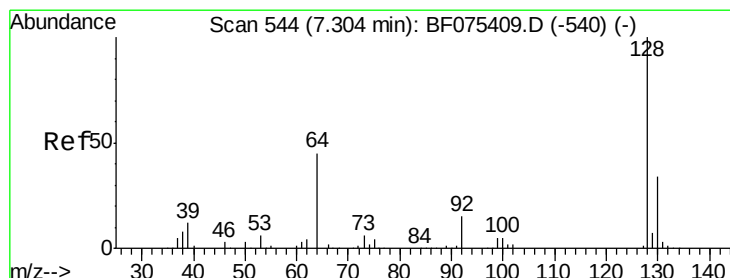
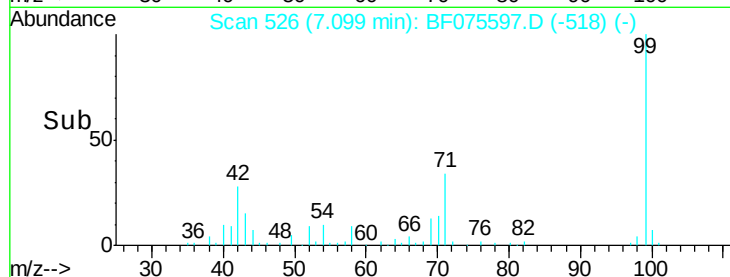
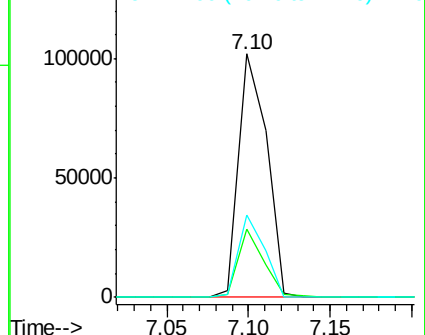
71 33.8 25.5 38.3



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: 42.24 ng

RT: 7.28 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF075597.D

Acq: 16 Nov 2014 23:29

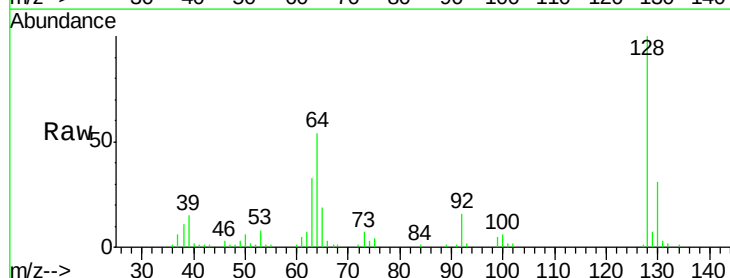
Tgt Ion: 128 Resp: 58613

Ion Ratio Lower Upper

128 100

130 31.2 12.7 52.7

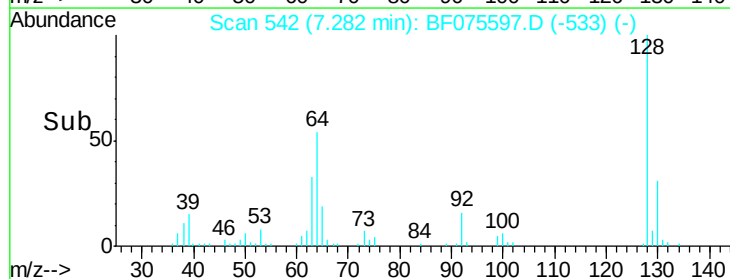
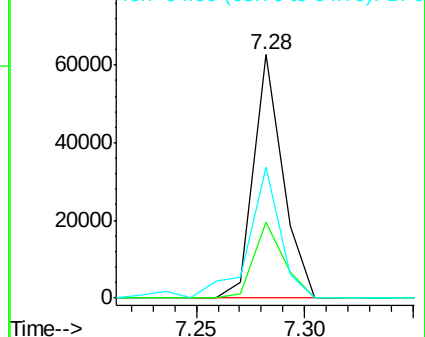
64 53.7 20.3 60.3

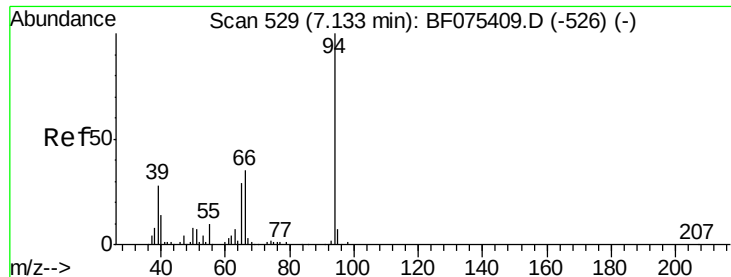


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#10

Phenol

Concen: 41.90 ng

RT: 7.12 min Scan# 528

Delta R.T. 0.00 min

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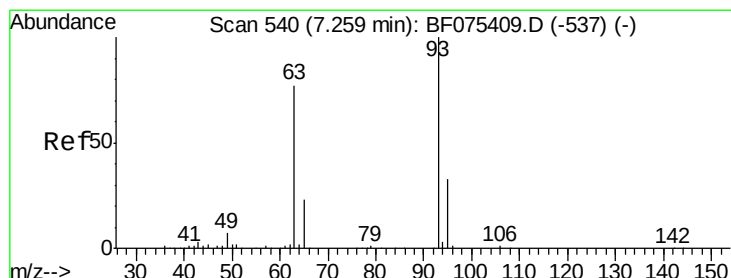
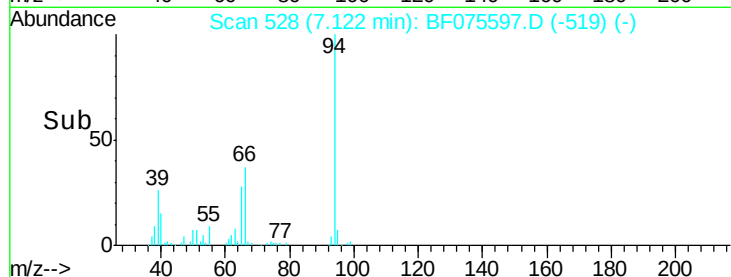
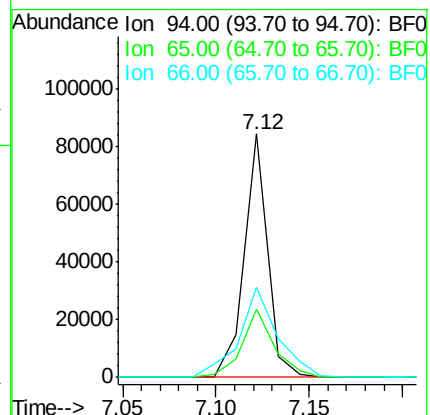
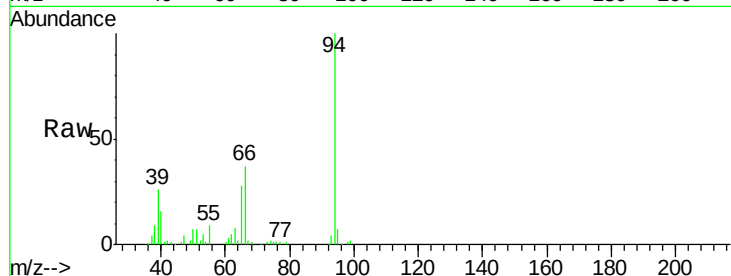
Tgt Ion: 94 Resp: 73689

Ion Ratio Lower Upper

94 100

65 28.2 13.1 53.1

66 36.7 20.8 60.8



#11

bis(2-Chloroethyl)ether

Concen: 43.64 ng

RT: 7.24 min Scan# 538

Delta R.T. 0.00 min

Lab File: BF075597.D

Acq: 16 Nov 2014 23:29

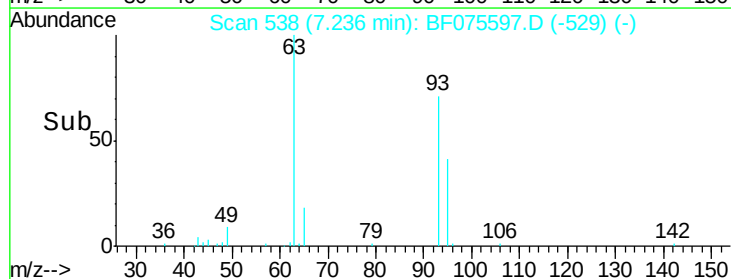
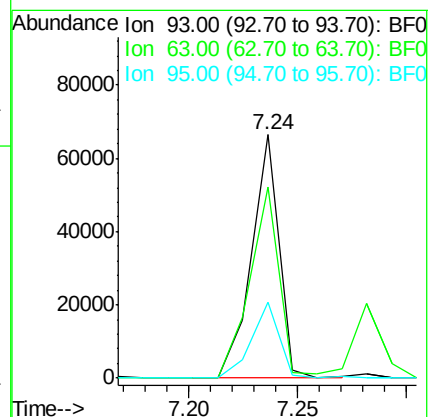
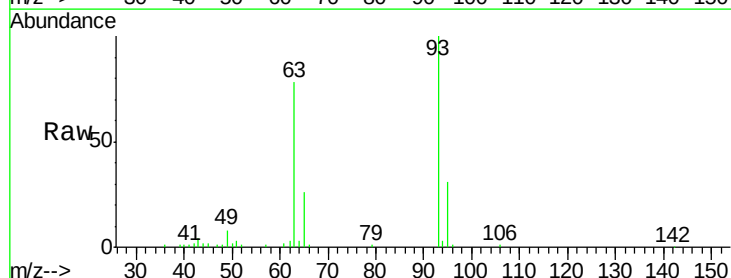
Tgt Ion: 93 Resp: 58137

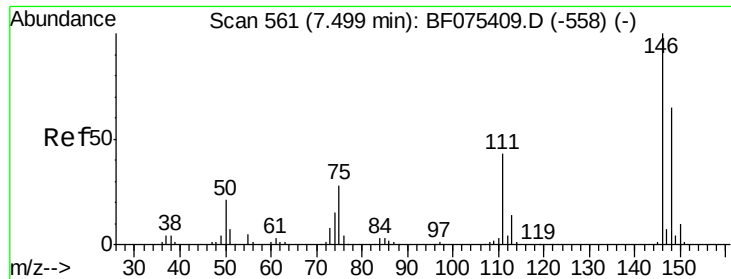
Ion Ratio Lower Upper

93 100

63 78.4 79.8 119.8#

95 31.4 11.2 51.2





#12

1,3-Dichlorobenzene

Concen: 41.27 ng

RT: 7.48 min Scan# 559

Delta R.T. 0.00 min

Lab File: BF075597.D

Acq: 16 Nov 2014 23:29

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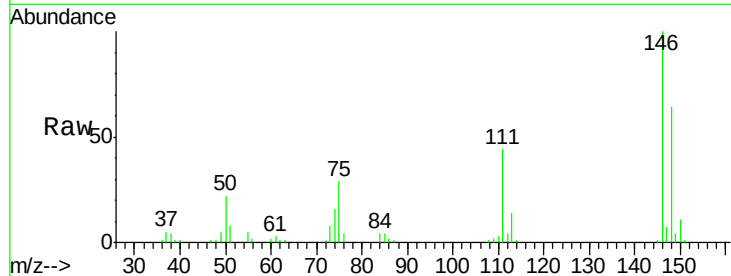
Tgt Ion:146 Resp: 62405

Ion Ratio Lower Upper

146 100

148 63.5 53.1 79.7

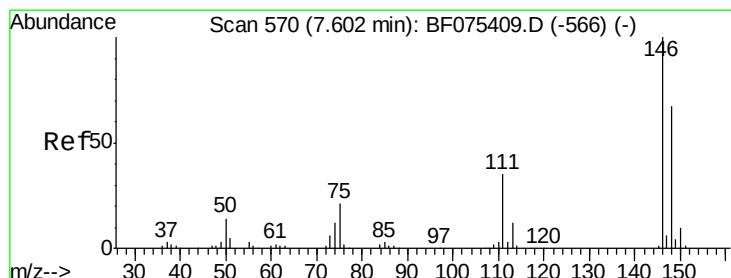
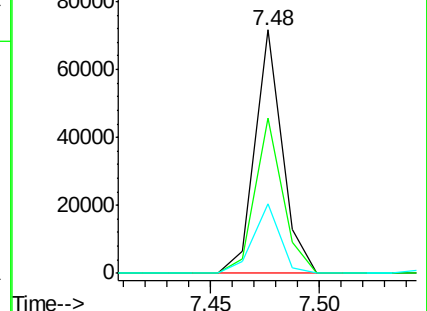
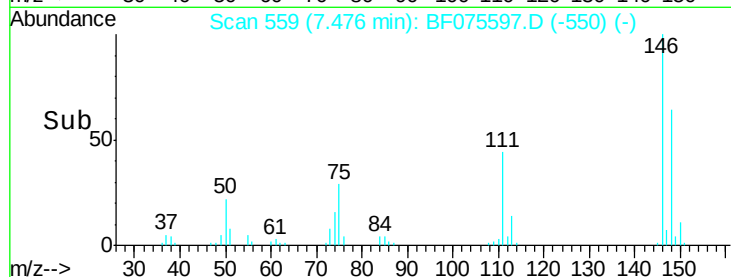
75 28.6 21.5 32.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 41.14 ng

RT: 7.58 min Scan# 568

Delta R.T. 0.00 min

Lab File: BF075597.D

Acq: 16 Nov 2014 23:29

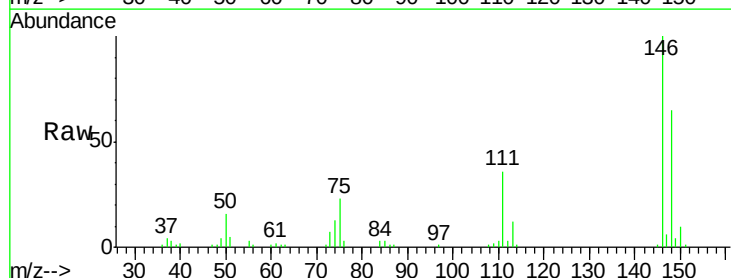
Tgt Ion:146 Resp: 63284

Ion Ratio Lower Upper

146 100

148 64.6 49.9 74.9

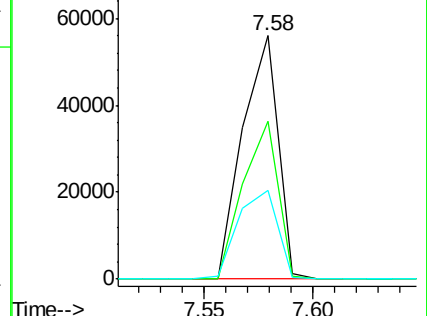
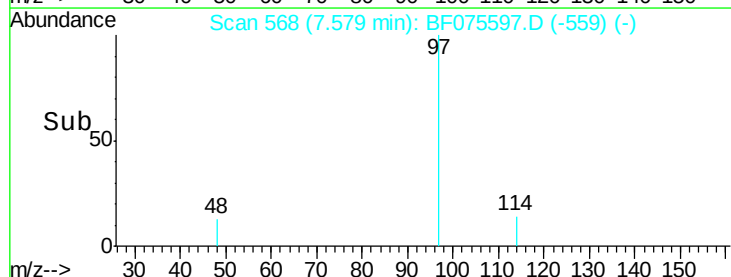
111 36.5 35.8 53.6

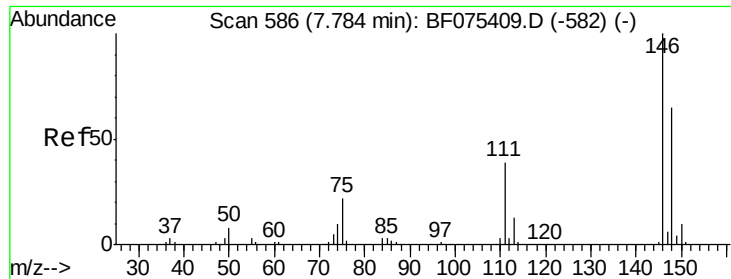


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

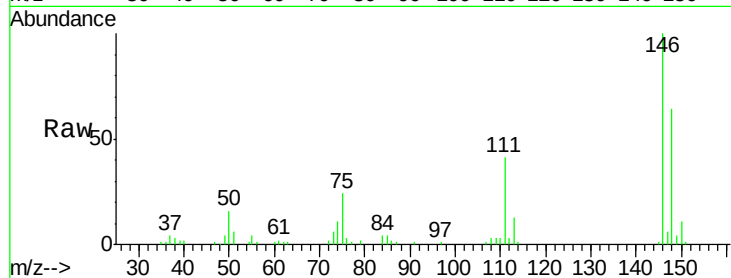




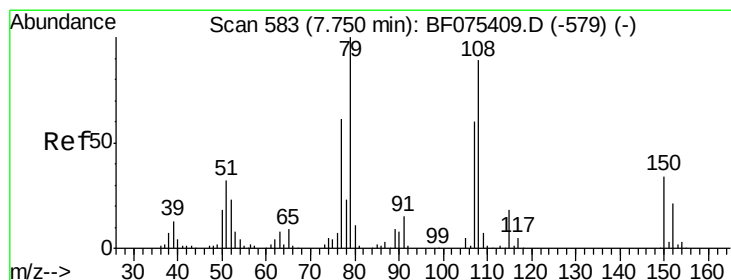
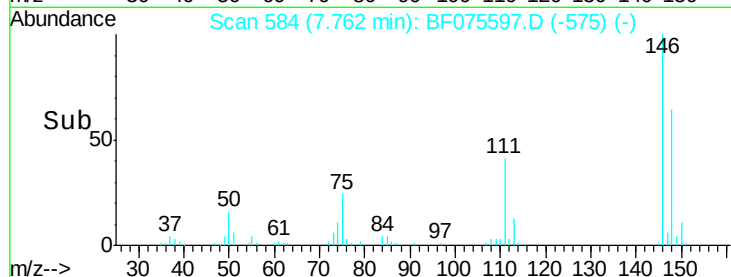
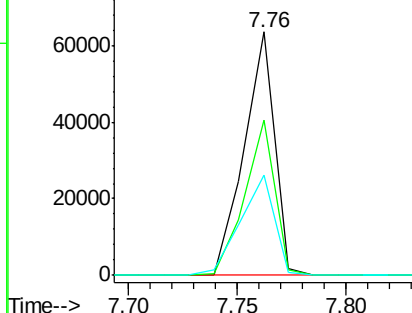
#14
 1,2-Dichlorobenzene
 Concen: 42.74 ng
 RT: 7.76 min Scan# 584
 Delta R.T. 0.00 min
 Lab File: BF075597.D
 Acq: 16 Nov 2014 23:29

Instrument :
 BNA_F
 ClientSampleId :
 PB79309BS

Tgt Ion:146 Resp: 61646
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.7 76.1
 111 41.2 39.9 59.9

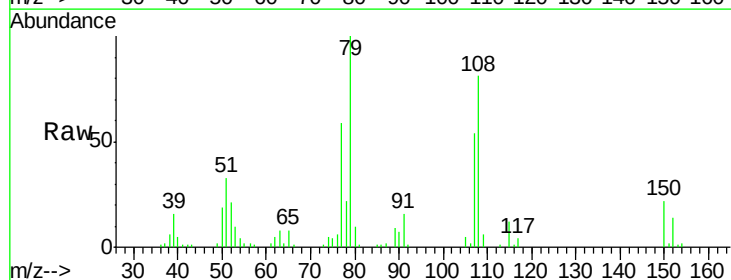


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

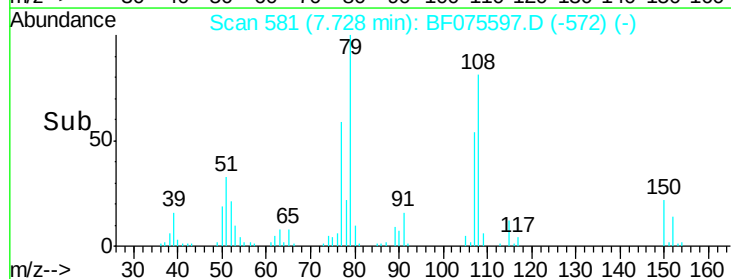
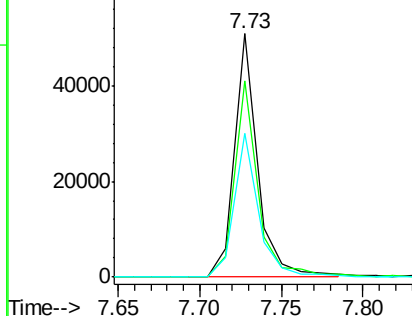


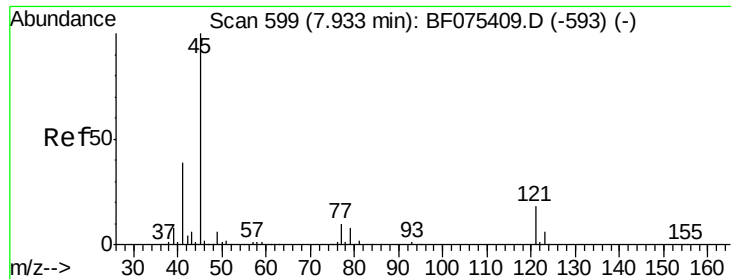
#15
 Benzyl Alcohol
 Concen: 44.07 ng
 RT: 7.73 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: BF075597.D
 Acq: 16 Nov 2014 23:29

Tgt Ion: 79 Resp: 49878
 Ion Ratio Lower Upper
 79 100
 108 80.8 75.5 113.3
 77 58.8 52.1 78.1



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

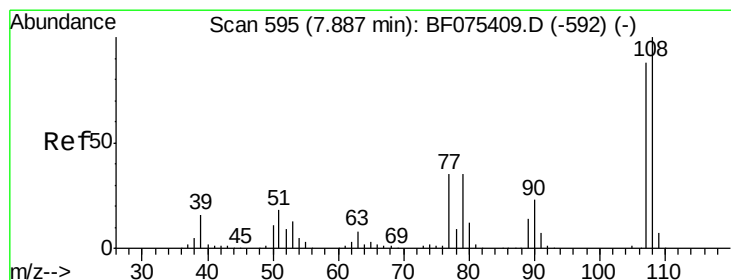
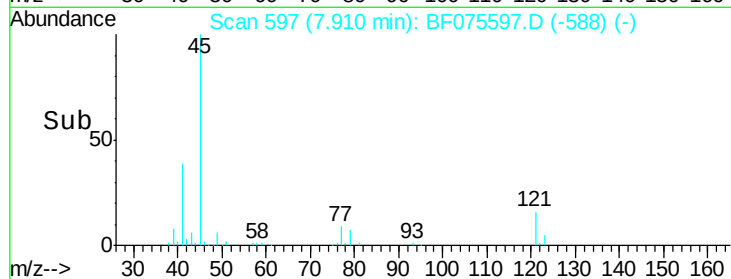
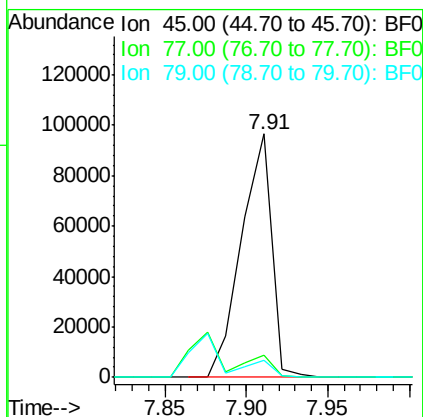
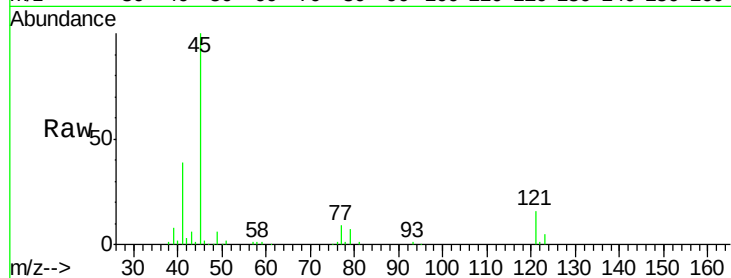




#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.03 ng
RT: 7.91 min Scan# 597
Delta R.T. 0.00 min
Lab File: BF075597.D
Acq: 16 Nov 2014 23:29

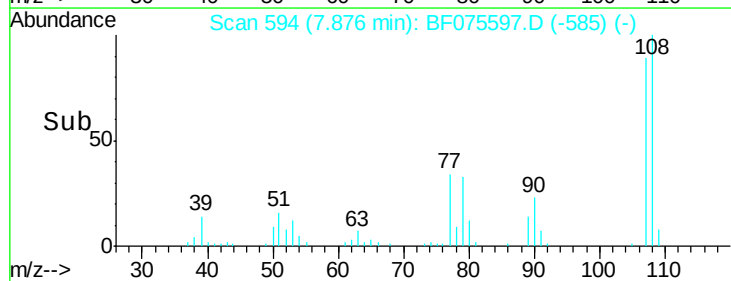
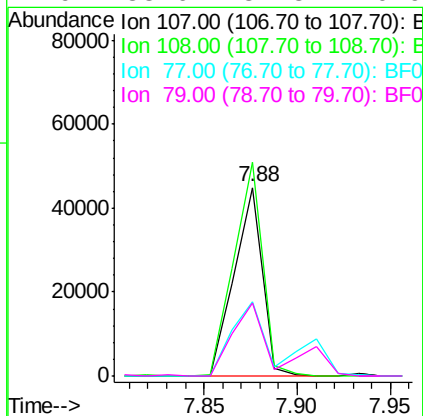
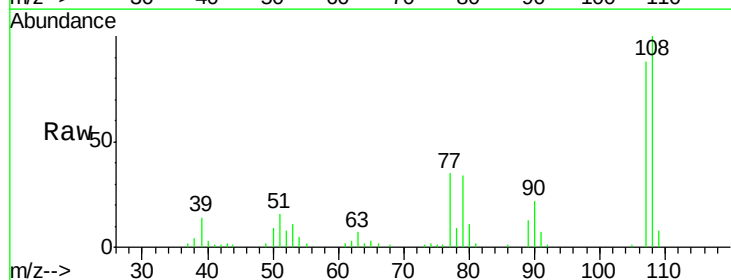
Instrument :
BNA_F
ClientSampleId :
PB79309BS

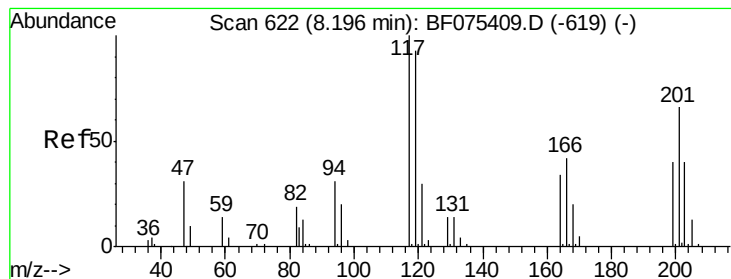
Tgt Ion: 45 Resp: 124171
Ion Ratio Lower Upper
45 100
77 9.1 0.0 28.6
79 7.3 0.0 26.5



#17
2-Methylphenol
Concen: 41.48 ng
RT: 7.88 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF075597.D
Acq: 16 Nov 2014 23:29

Tgt Ion: 107 Resp: 47652
Ion Ratio Lower Upper
107 100
108 113.2 95.6 143.4
77 39.6 30.2 45.4
79 38.6 31.3 46.9





#18

Hexachloroethane

Concen: 41.11 ng

RT: 8.17 min Scan# 620

Delta R.T. -0.01 min

Lab File: BF075597.D

Acq: 16 Nov 2014 23:29

Instrument :

BNA_F

ClientSampleId :

PB79309BS

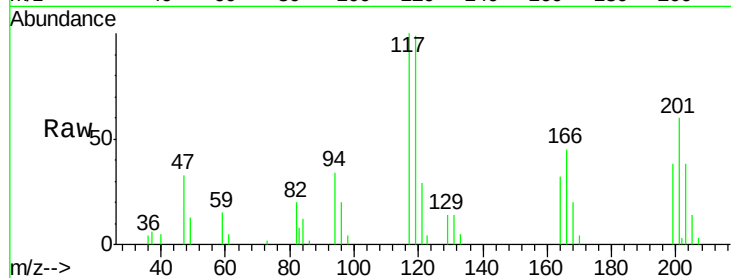
Tgt Ion: 117 Resp: 21687

Ion Ratio Lower Upper

117 100

119 98.5 72.9 109.3

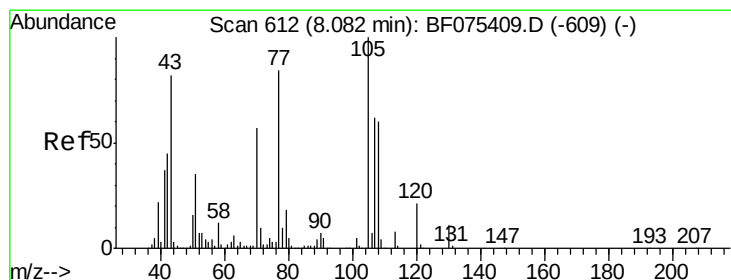
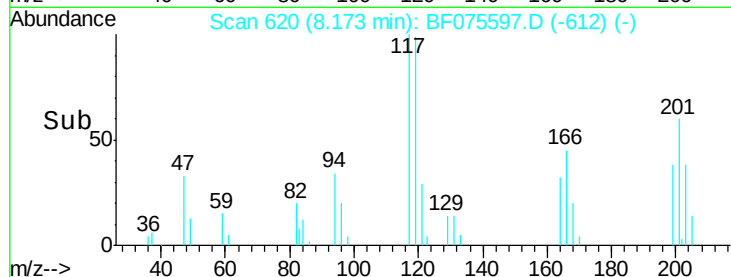
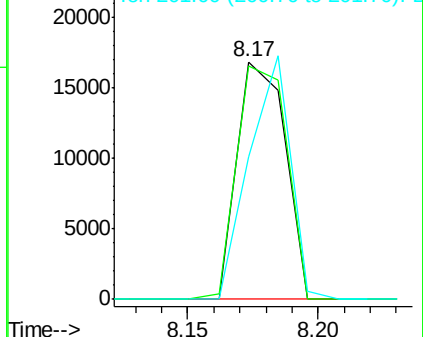
201 59.8 48.2 72.4



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: 43.01 ng

RT: 8.06 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF075597.D

Acq: 16 Nov 2014 23:29

Tgt Ion: 70 Resp: 42252

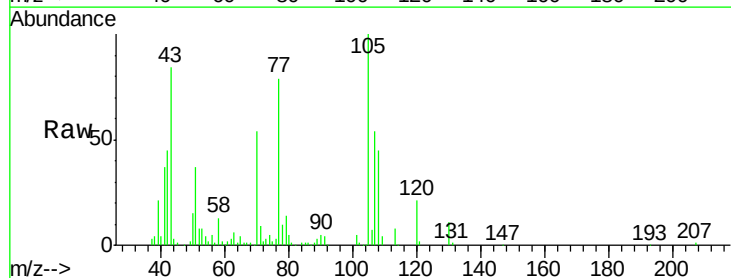
Ion Ratio Lower Upper

70 100

42 83.4 63.0 94.6

101 9.7 7.5 11.3

130 20.1 16.3 24.5

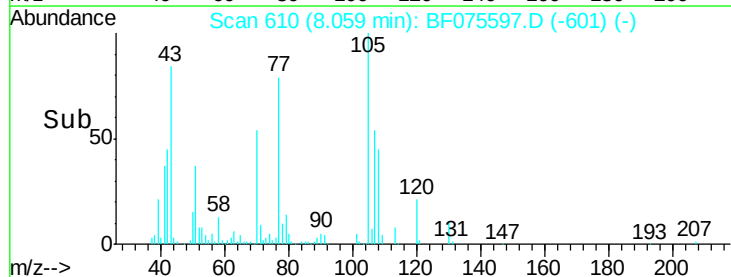
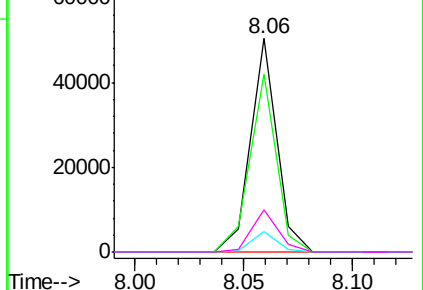


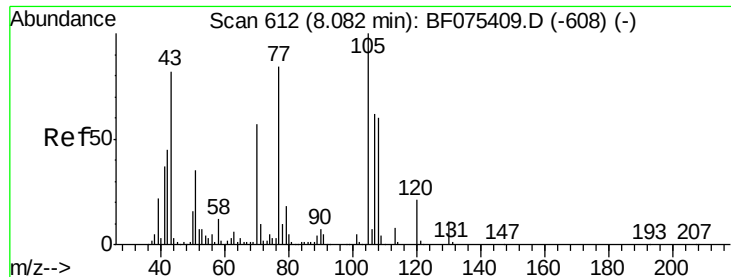
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

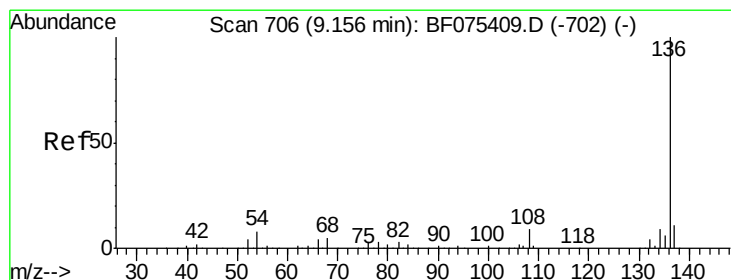
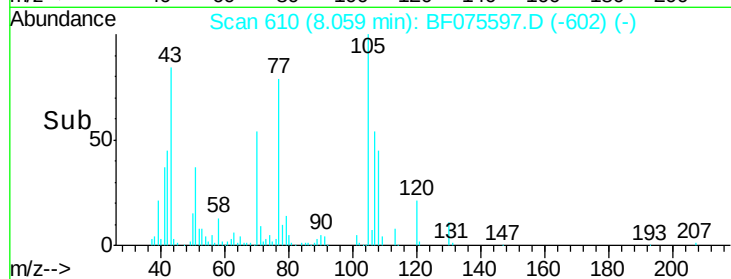
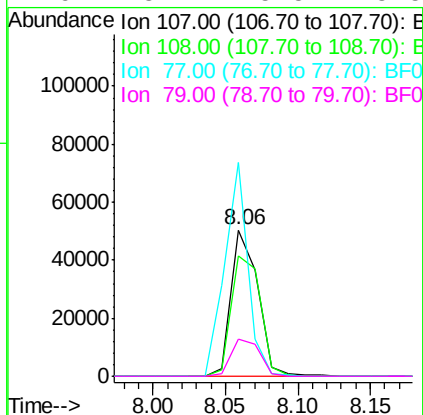
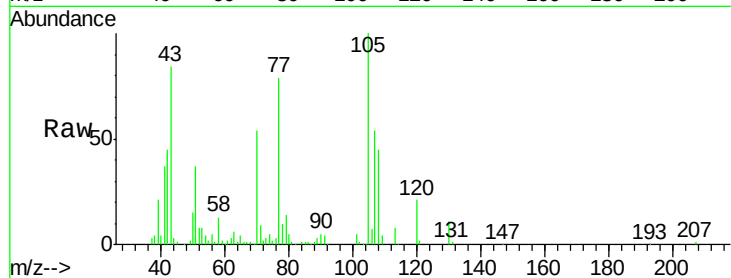




#20
3+4-Methylphenols
Concen: 43.07 ng
RT: 8.06 min Scan# 610
Delta R.T. -0.01 min
Lab File: BF075597.D
Acq: 16 Nov 2014 23:29

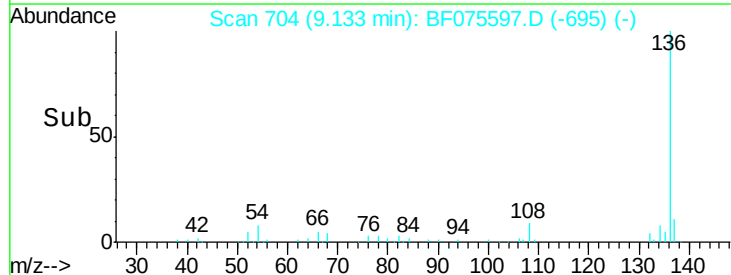
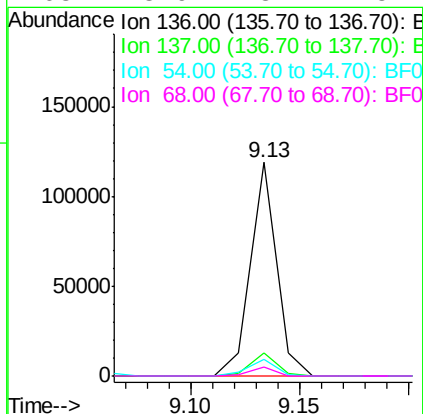
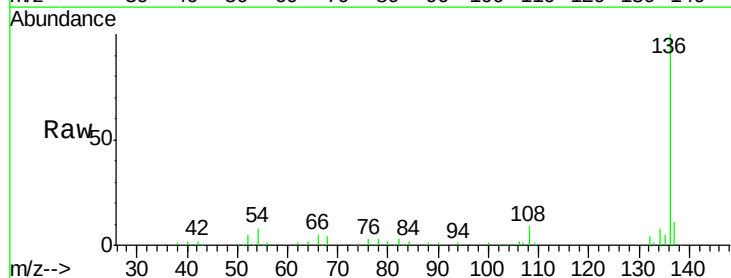
Instrument :
BNA_F
ClientSampleId :
PB79309BS

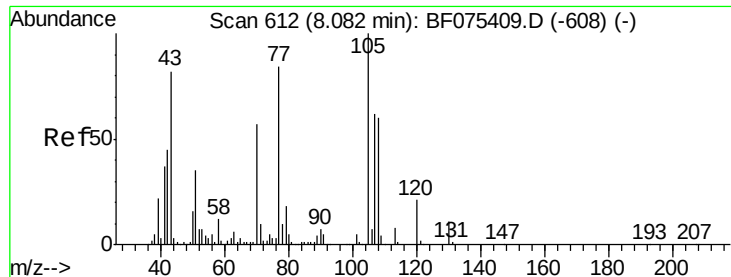
Tgt Ion:107 Resp: 64782
Ion Ratio Lower Upper
107 100
108 82.3 69.6 109.6
77 145.7 84.4 124.4#
79 25.2 5.5 45.5



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.13 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF075597.D
Acq: 16 Nov 2014 23:29

Tgt Ion:136 Resp: 99115
Ion Ratio Lower Upper
136 100
137 10.6 8.2 12.4
54 7.6 6.2 9.4
68 3.9 3.4 5.2





#22

Acetophenone

Concen: 43.25 ng

RT: 8.06 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF075597.D

Acq: 16 Nov 2014 23:29

Instrument :

BNA_F

ClientSampleId :

PB79309BS

Tgt Ion:105 Resp: 92483

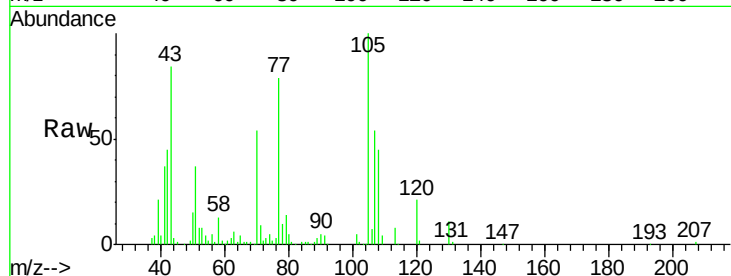
Ion Ratio Lower Upper

105 100

71 9.3 10.5 15.7#

51 36.9 24.2 36.2#

120 21.4 17.5 26.3

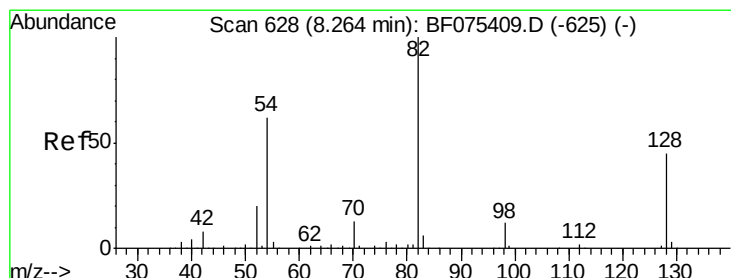
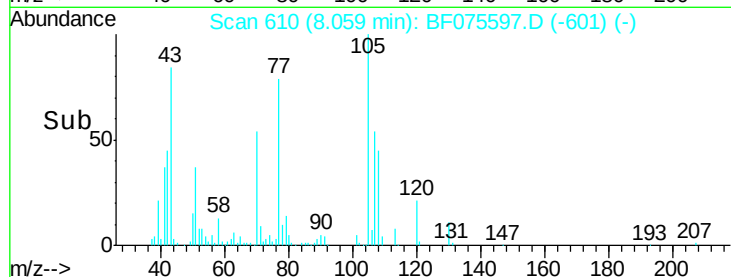
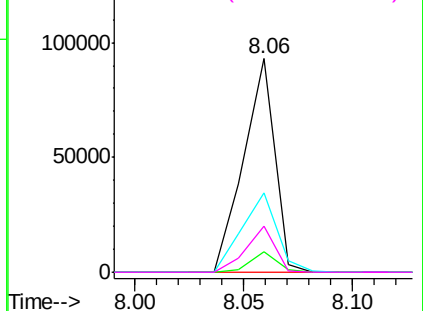


Abundance Ion 105.00 (104.70 to 105.70): E

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: 88.71 ng

RT: 8.24 min Scan# 626

Delta R.T. 0.00 min

Lab File: BF075597.D

Acq: 16 Nov 2014 23:29

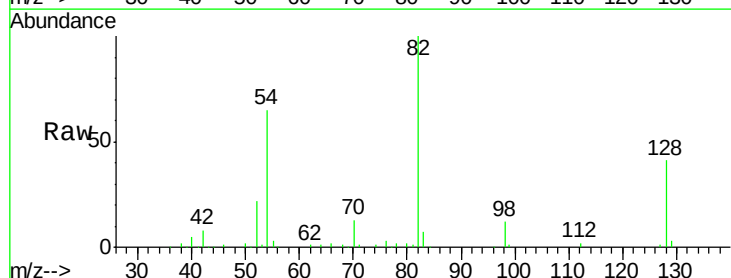
Tgt Ion: 82 Resp: 119933

Ion Ratio Lower Upper

82 100

128 41.2 37.8 56.6

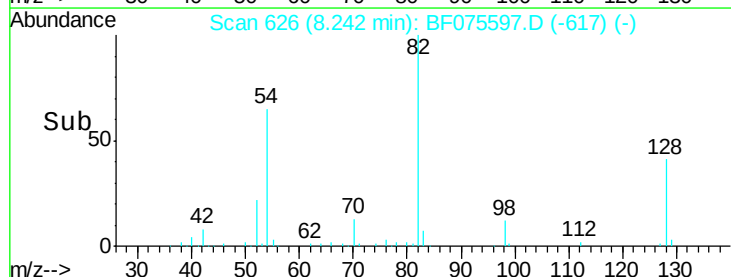
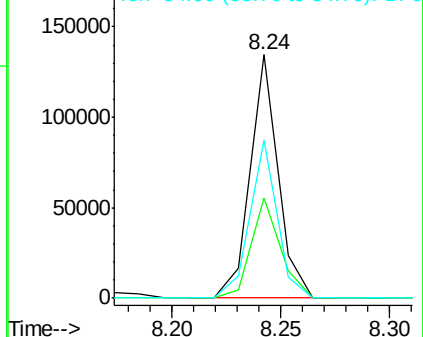
54 65.0 49.8 74.8

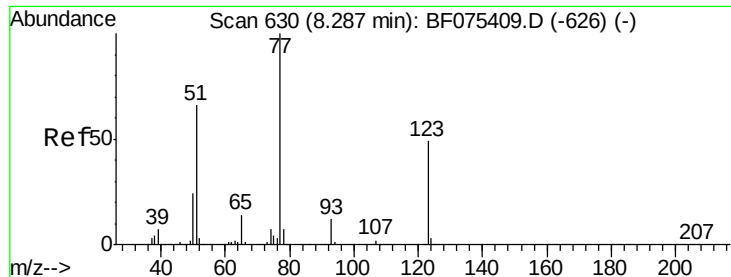


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

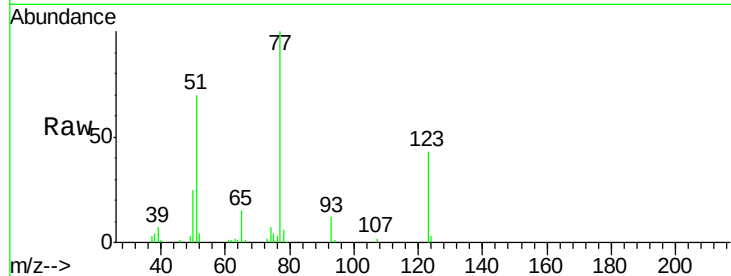




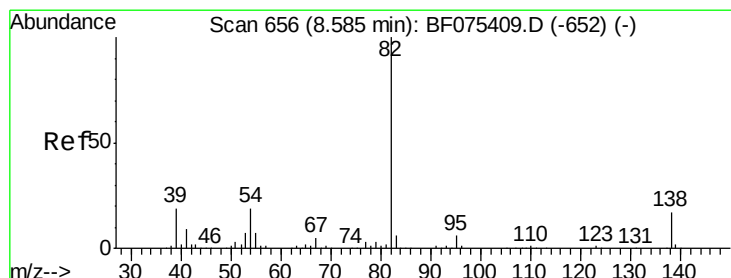
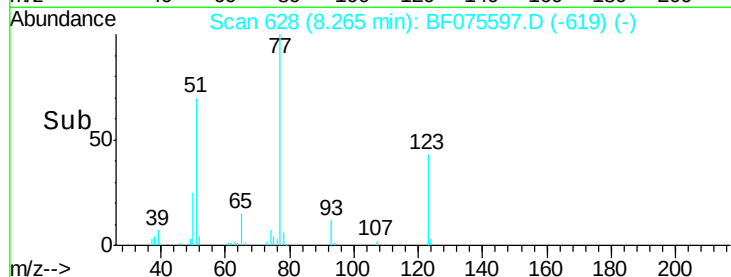
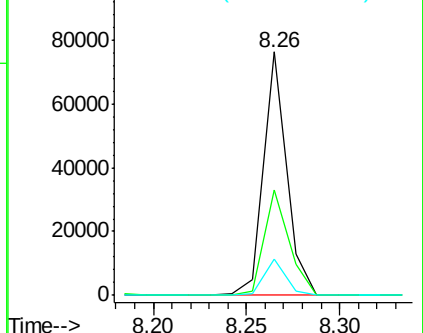
#24
 Nitrobenzene
 Concen: 41.46 ng
 RT: 8.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF075597.D
 Acq: 16 Nov 2014 23:29

Instrument :
 BNA_F
 ClientSampleId :
 PB79309BS

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.4	39.0	58.4
65	14.8	10.6	15.8

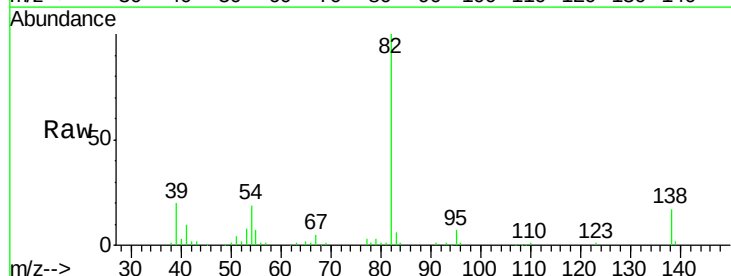


Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): BF0
 Ion 65.00 (64.70 to 65.70): BF0

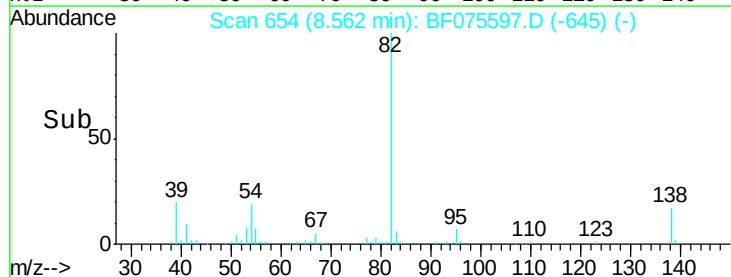
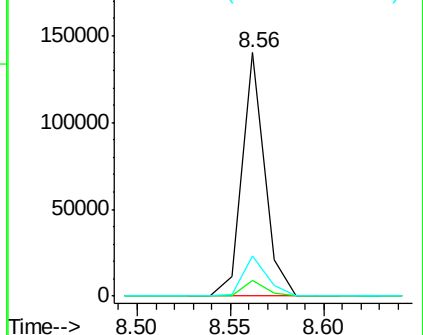


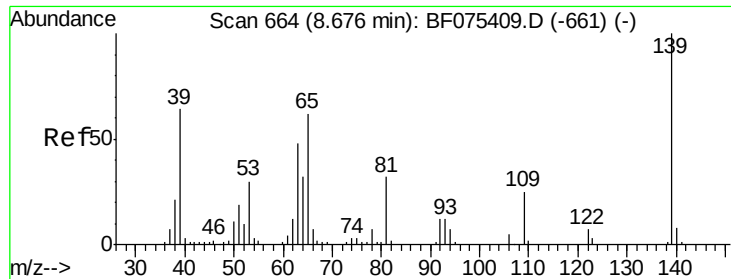
#25
 Isophorone
 Concen: 38.41 ng
 RT: 8.56 min Scan# 654
 Delta R.T. 0.00 min
 Lab File: BF075597.D
 Acq: 16 Nov 2014 23:29

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.5	5.2	7.8
138	16.7	15.0	22.6



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





#26

2-Nitrophenol

Concen: 41.69 ng

RT: 8.66 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF075597.D

Acq: 16 Nov 2014 23:29

Instrument :

BNA_F

ClientSampleId :

PB79309BS

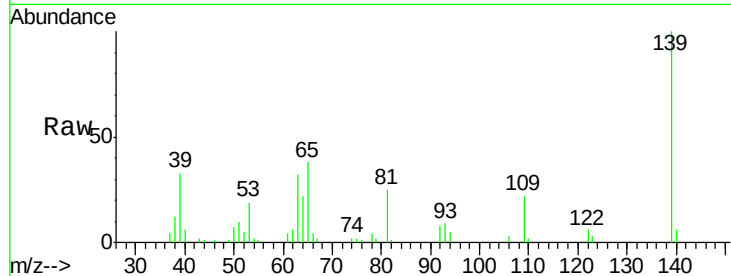
Tgt Ion:139 Resp: 29760

Ion Ratio Lower Upper

139 100

109 21.6 22.3 33.5#

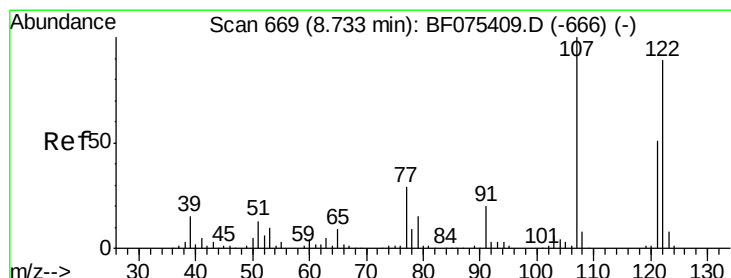
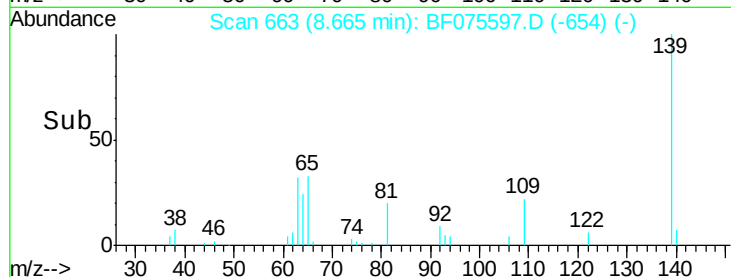
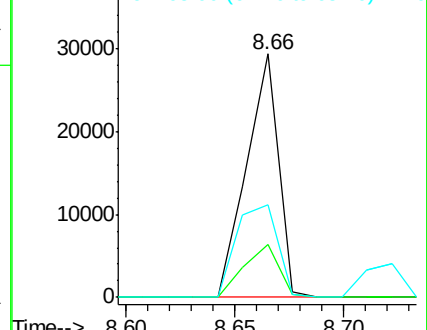
65 38.0 49.1 73.7#



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): E



#27

2,4-Dimethylphenol

Concen: 38.02 ng

RT: 8.72 min Scan# 668

Delta R.T. 0.00 min

Lab File: BF075597.D

Acq: 16 Nov 2014 23:29

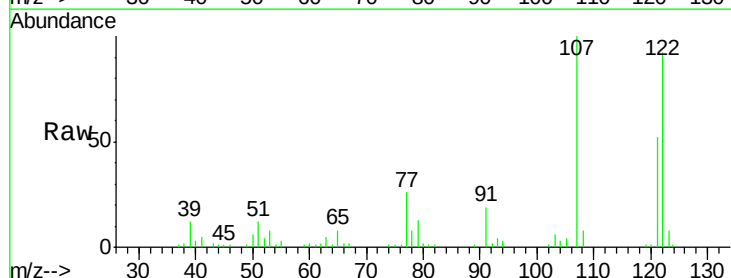
Tgt Ion:122 Resp: 52597

Ion Ratio Lower Upper

122 100

107 108.5 86.5 129.7

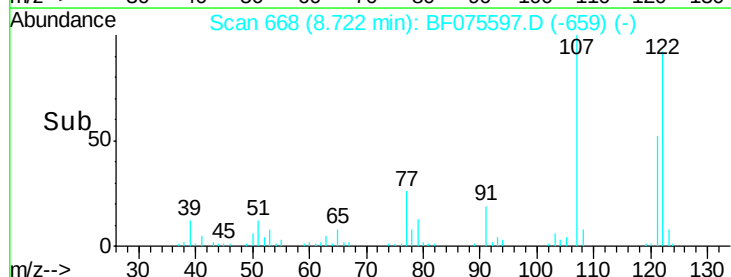
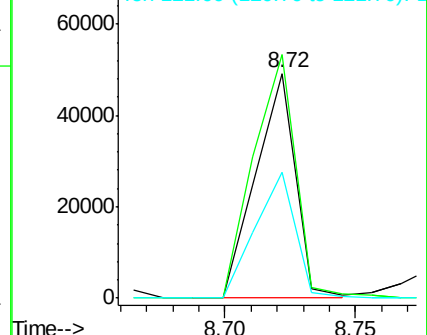
121 56.1 45.4 68.2

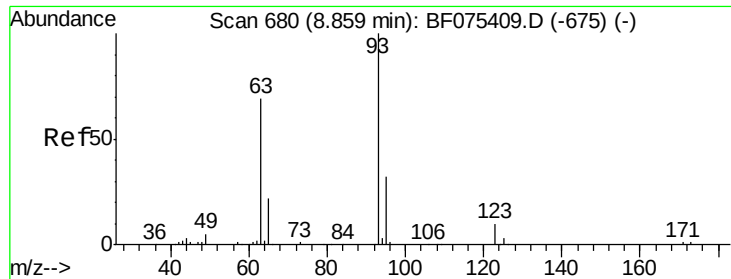


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E





#28

bis(2-Chloroethoxy)methane

Concen: 38.82 ng

RT: 8.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF075597.D

Acq: 16 Nov 2014 23:29

Instrument :

BNA_F

ClientSampleId :

PB79309BS

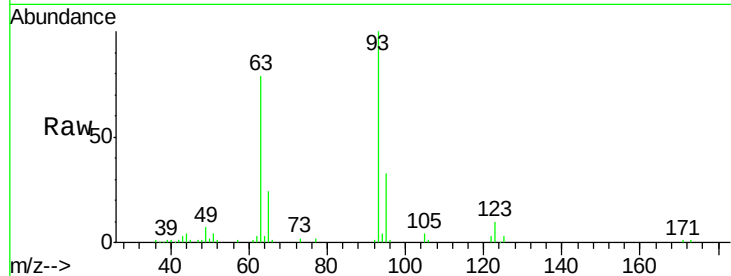
Tgt Ion: 93 Resp: 73023

Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.4

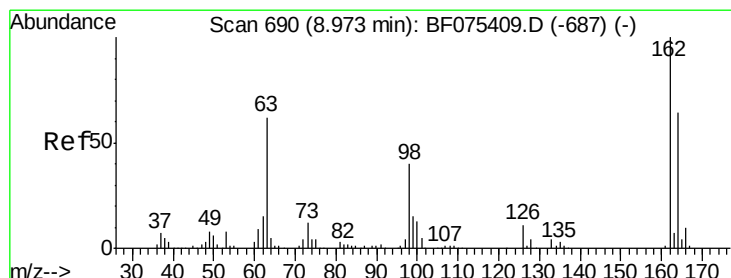
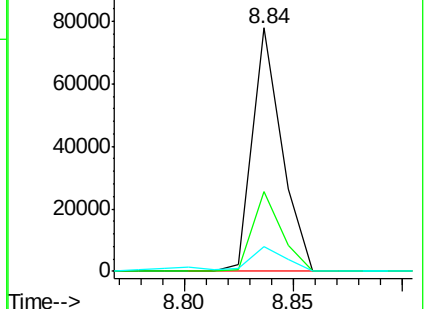
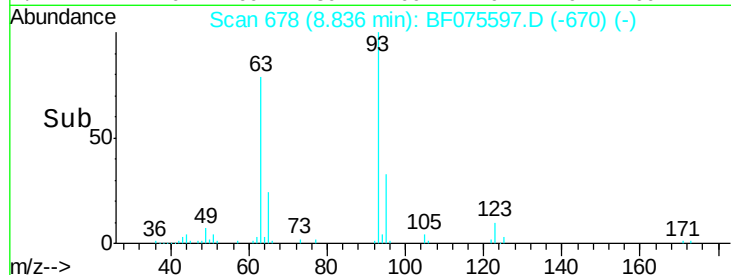
123 10.2 8.8 13.2



Abundance Ion 93.00 (92.70 to 93.70): BF075409.D (-675) (-)

Ion 95.00 (94.70 to 95.70): BF075409.D (-675) (-)

Ion 123.00 (122.70 to 123.70): BF075409.D (-675) (-)



#29

2,4-Dichlorophenol

Concen: 42.25 ng

RT: 8.96 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF075597.D

Acq: 16 Nov 2014 23:29

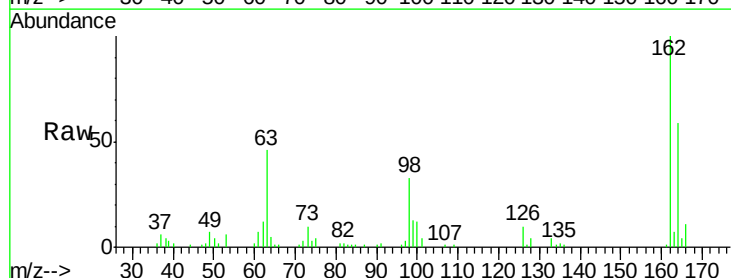
Tgt Ion: 162 Resp: 51217

Ion Ratio Lower Upper

162 100

164 59.5 43.8 83.8

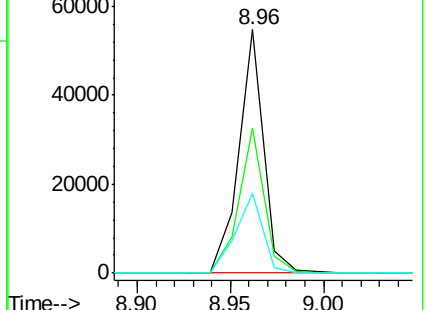
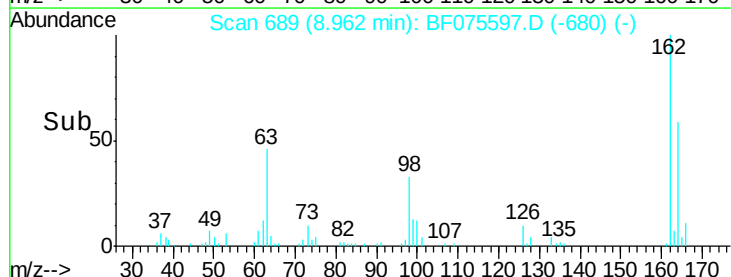
98 32.8 14.6 54.6

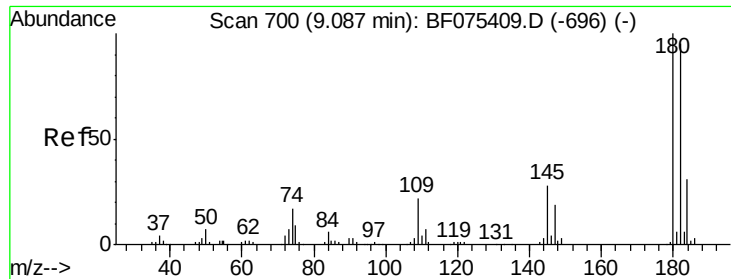


Abundance Ion 162.00 (161.70 to 162.70): BF075409.D (-687) (-)

Ion 164.00 (163.70 to 164.70): BF075409.D (-687) (-)

Ion 98.00 (97.70 to 98.70): BF075409.D (-687) (-)

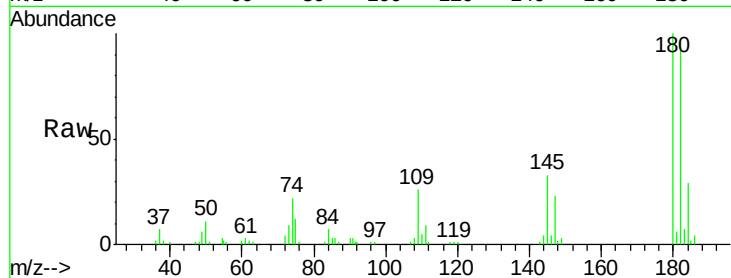




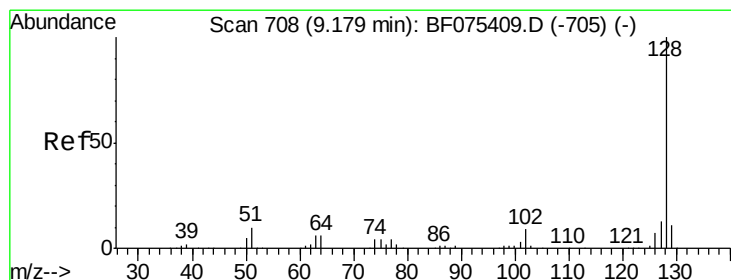
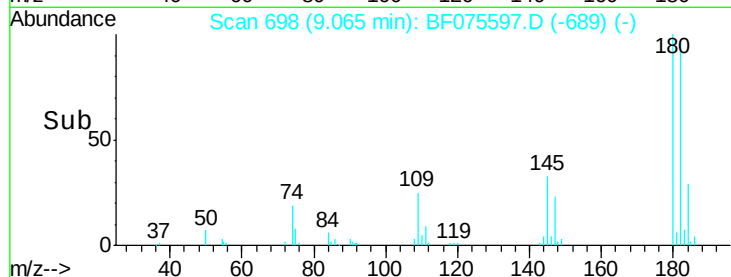
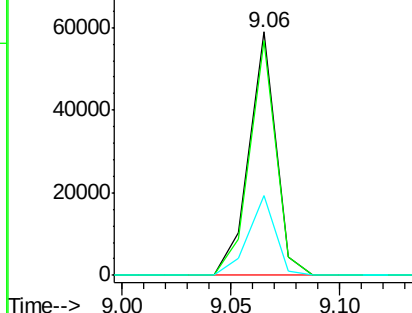
#30
 1,2,4-Trichlorobenzene
 Concen: 39.70 ng
 RT: 9.06 min Scan# 698
 Delta R.T. 0.00 min
 Lab File: BF075597.D
 Acq: 16 Nov 2014 23:29

Instrument :
 BNA_F
 ClientSampleId :
 PB79309BS

Tgt Ion:180 Resp: 50525
 Ion Ratio Lower Upper
 180 100
 182 96.4 78.4 117.6
 145 32.5 22.3 33.5

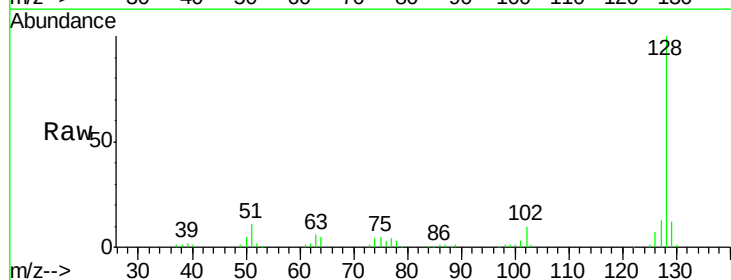


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

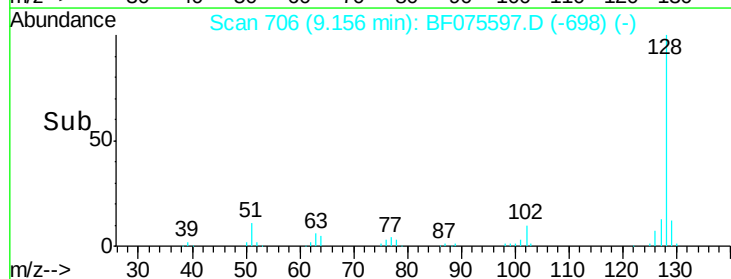
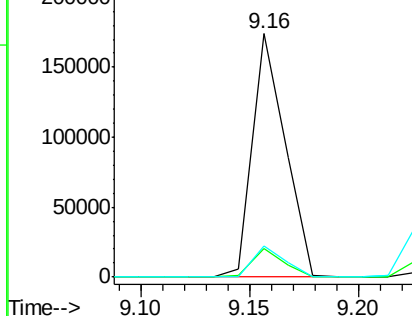


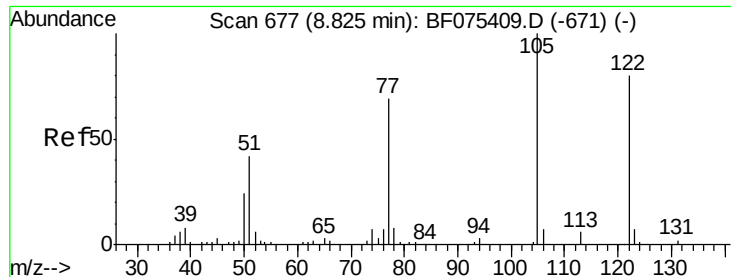
#31
 Naphthalene
 Concen: 41.22 ng
 RT: 9.16 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: BF075597.D
 Acq: 16 Nov 2014 23:29

Tgt Ion:128 Resp: 182129
 Ion Ratio Lower Upper
 128 100
 129 11.9 9.0 13.4
 127 12.6 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

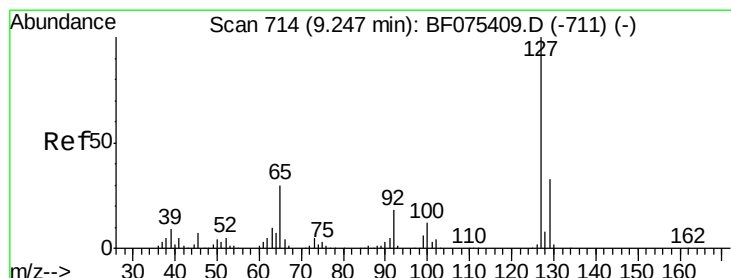
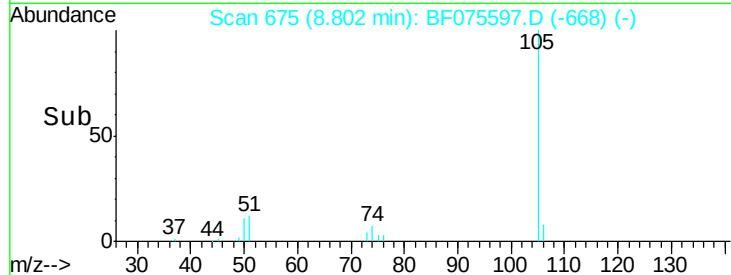
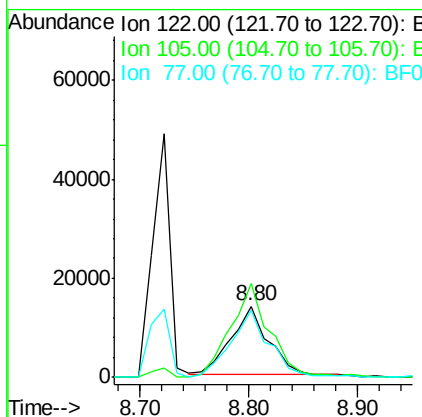
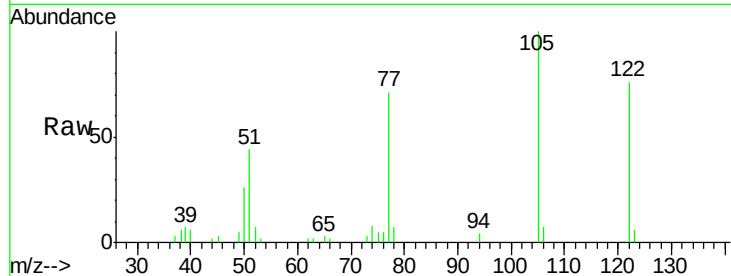




#32
Benzoic acid
Concen: 39.54 ng
RT: 8.80 min Scan# 675
Delta R.T. -0.02 min
Lab File: BF075597.D
Acq: 16 Nov 2014 23:29

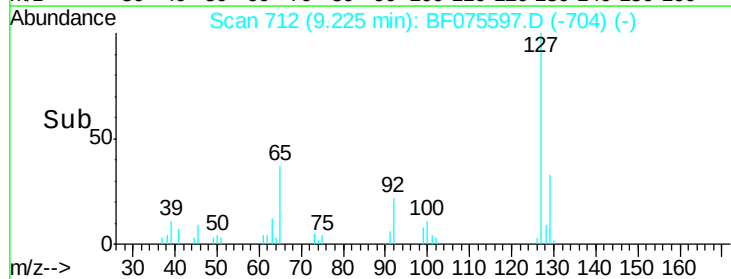
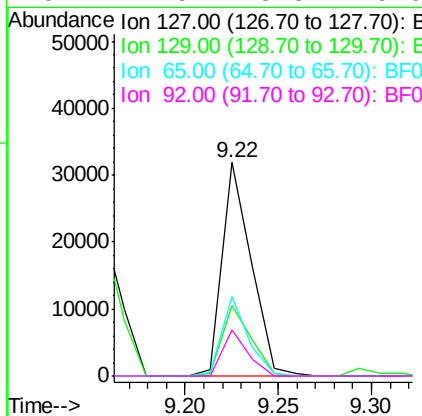
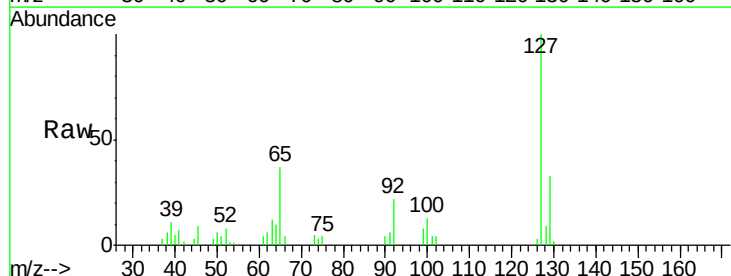
Instrument :
BNA_F
ClientSampleId :
PB79309BS

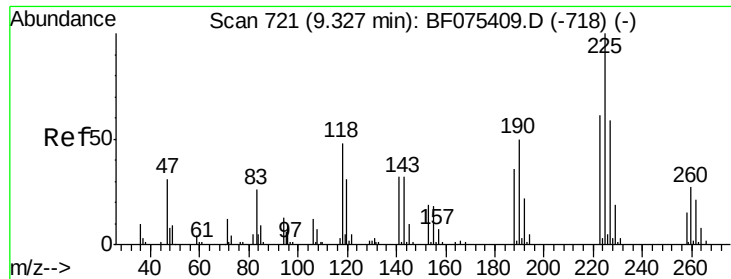
Tgt Ion:	122	Resp:	33055
Ion	Ratio	Lower	Upper
122	100		
105	131.5	95.1	135.1
77	93.1	62.6	102.6



#33
4-Chloroaniline
Concen: 18.09 ng
RT: 9.22 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF075597.D
Acq: 16 Nov 2014 23:29

Tgt Ion:	127	Resp:	34738
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.5	38.3
65	36.9	22.8	34.2#
92	21.5	13.8	20.6#

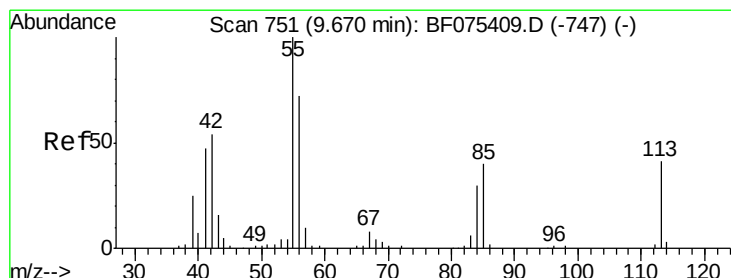
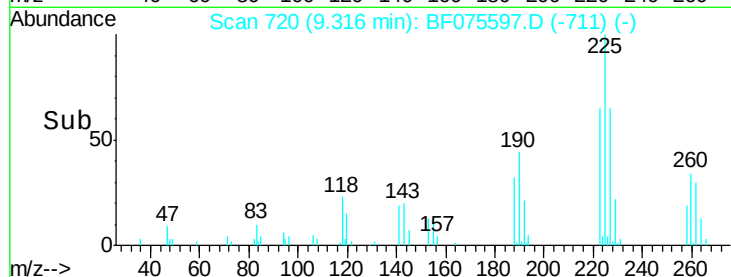
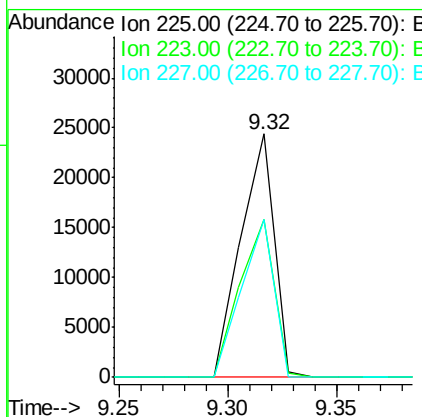
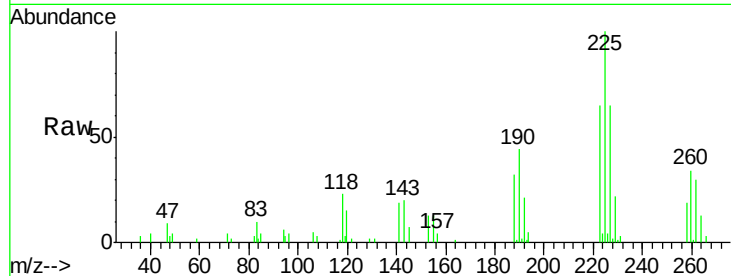




#34
Hexachlorobutadiene
Concen: 37.91 ng
RT: 9.32 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF075597.D
Acq: 16 Nov 2014 23:29

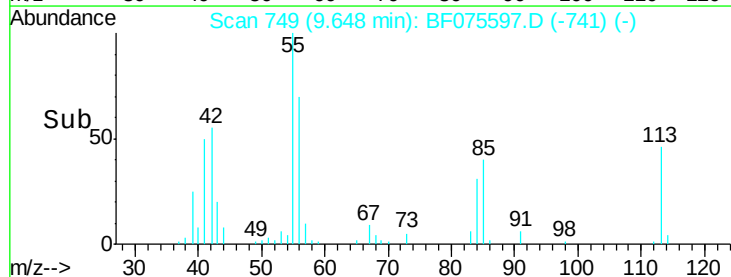
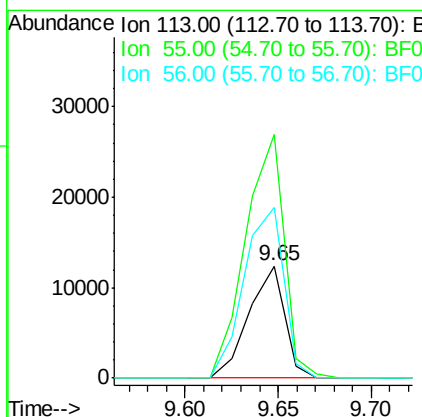
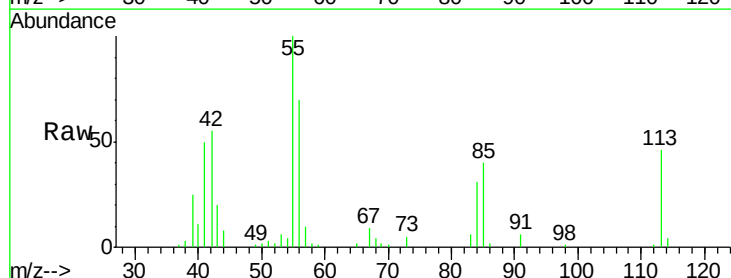
Instrument :
BNA_F
ClientSampleId :
PB79309BS

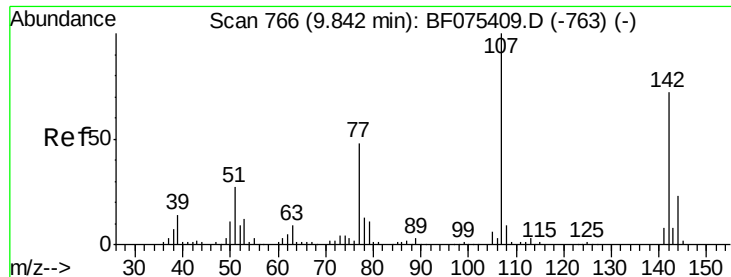
Tgt Ion:225 Resp: 26078
Ion Ratio Lower Upper
225 100
223 64.9 51.0 76.6
227 64.6 48.6 73.0



#35
Caprolactam
Concen: 41.16 ng
RT: 9.65 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF075597.D
Acq: 16 Nov 2014 23:29

Tgt Ion:113 Resp: 16534
Ion Ratio Lower Upper
113 100
55 216.8 226.9 266.9#
56 151.9 148.4 188.4

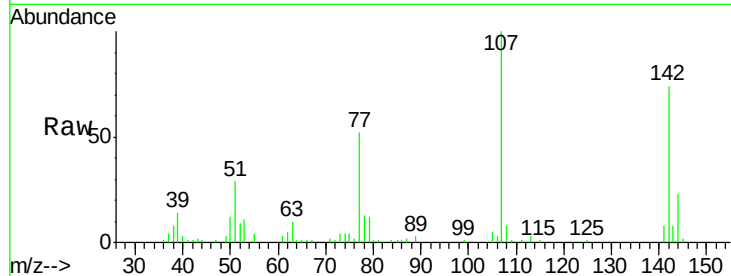




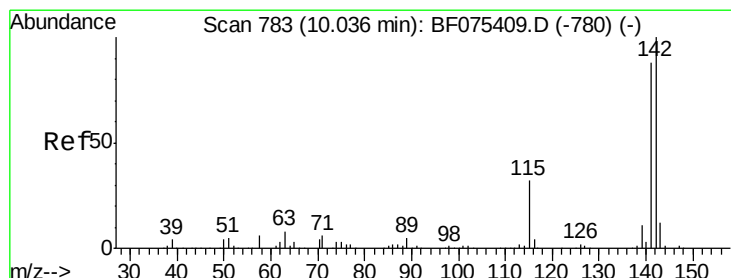
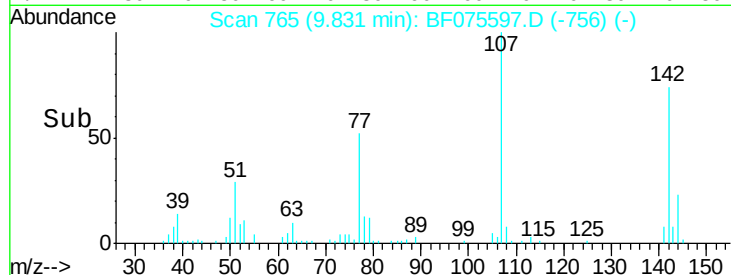
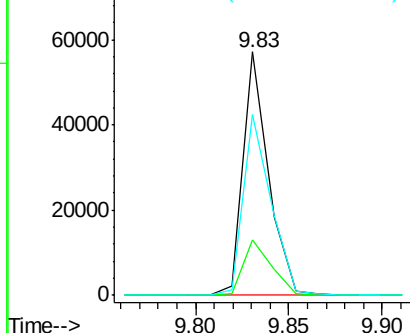
#36
 4-Chloro-3-methylphenol
 Concen: 40.72 ng
 RT: 9.83 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BF075597.D
 Acq: 16 Nov 2014 23:29

Instrument :
 BNA_F
 ClientSampleId :
 PB79309BS

Tgt Ion:107 Resp: 54152
 Ion Ratio Lower Upper
 107 100
 144 22.9 19.1 28.7
 142 74.3 62.9 94.3

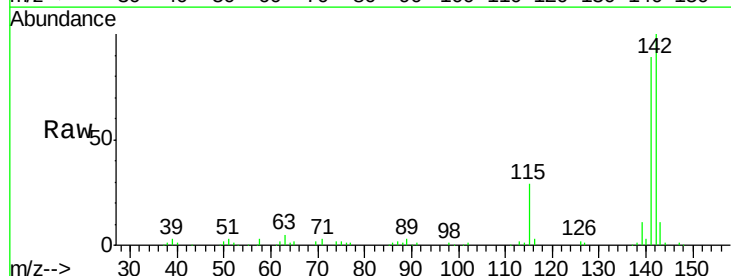


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

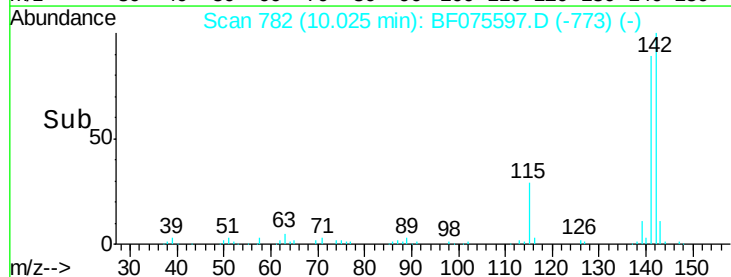
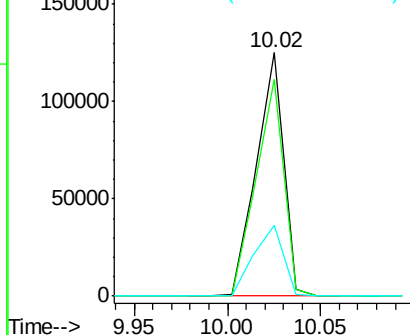


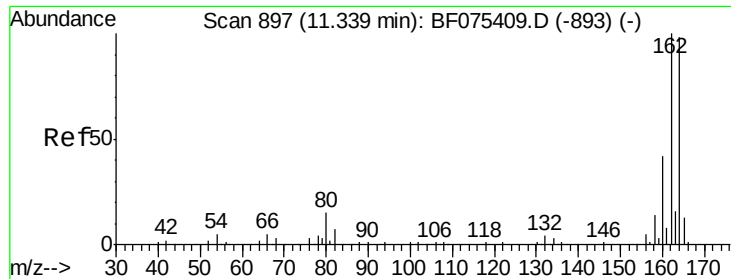
#37
 2-Methylnaphthalene
 Concen: 41.92 ng
 RT: 10.02 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF075597.D
 Acq: 16 Nov 2014 23:29

Tgt Ion:142 Resp: 126387
 Ion Ratio Lower Upper
 142 100
 141 89.3 69.9 104.9
 115 29.0 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. 0.00 min

Lab File: BF075597.D

Acq: 16 Nov 2014 23:29

Instrument :

BNA_F

ClientSampleId :

PB79309BS

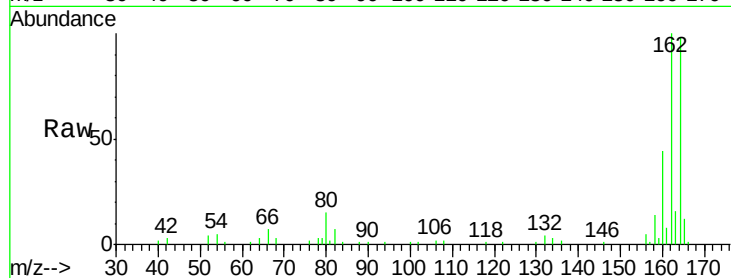
Tgt Ion:164 Resp: 53663

Ion Ratio Lower Upper

164 100

162 101.7 79.1 118.7

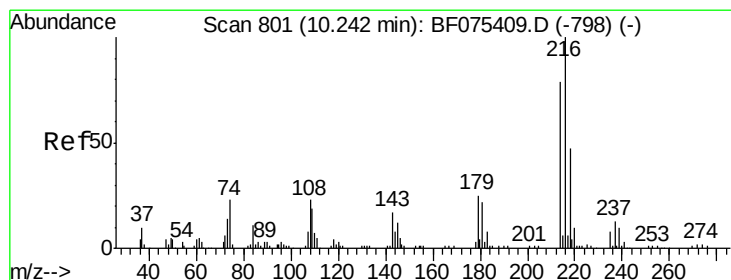
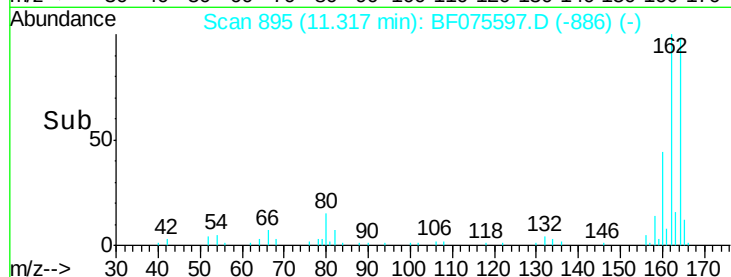
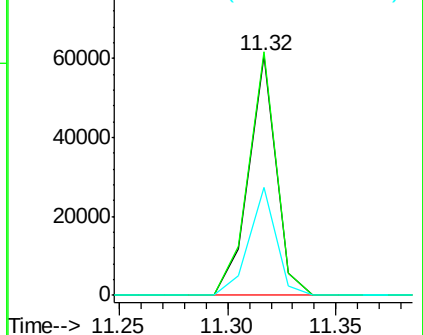
160 45.1 34.6 51.8



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: 43.66 ng

RT: 10.23 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF075597.D

Acq: 16 Nov 2014 23:29

Tgt Ion:216 Resp: 48167

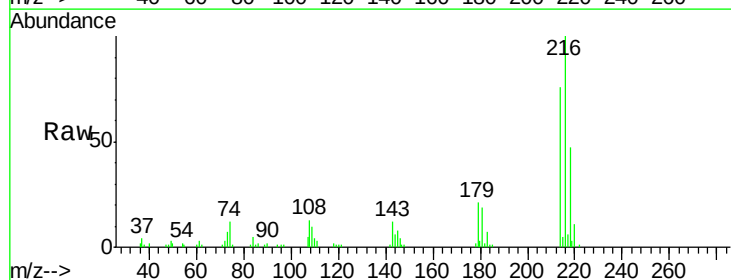
Ion Ratio Lower Upper

216 100

214 77.4 62.8 94.2

179 22.9 18.7 28.1

108 22.7 18.1 27.1

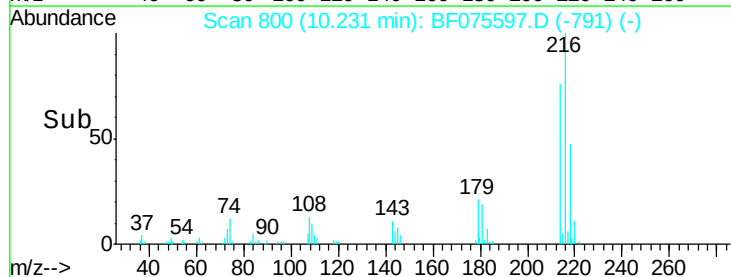
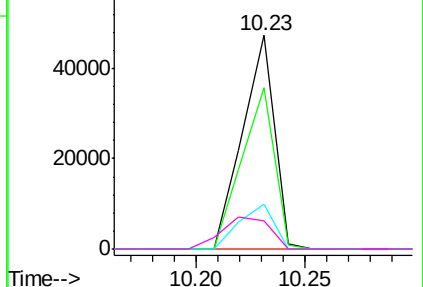


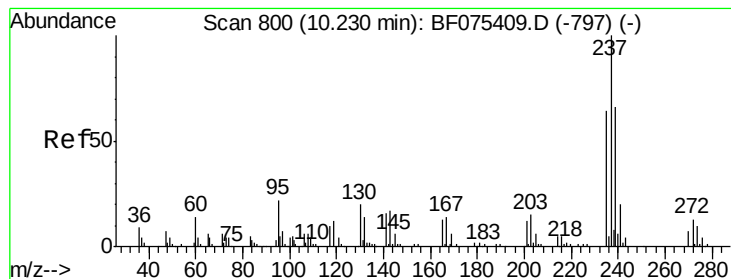
Abundance Ion 216.00 (215.70 to 216.70): E

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: 81.43 ng

RT: 10.21 min Scan# 798

Delta R.T. 0.00 min

Lab File: BF075597.D

Acq: 16 Nov 2014 23:29

Instrument :

BNA_F

ClientSampleId :

PB79309BS

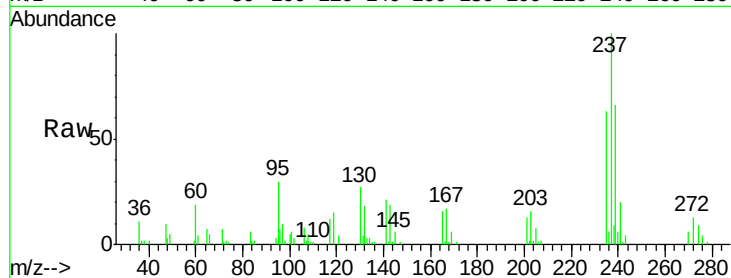
Tgt Ion:237 Resp: 54566

Ion Ratio Lower Upper

237 100

235 63.2 45.7 85.7

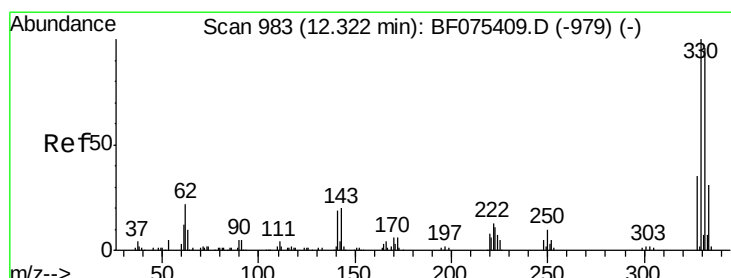
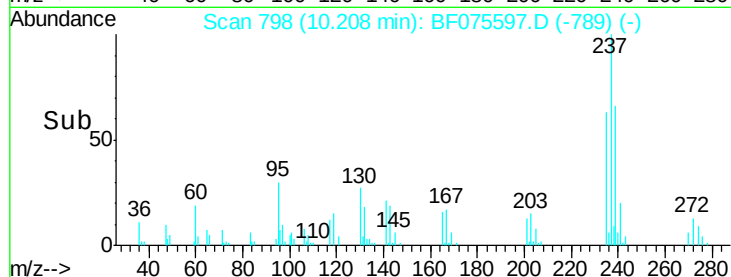
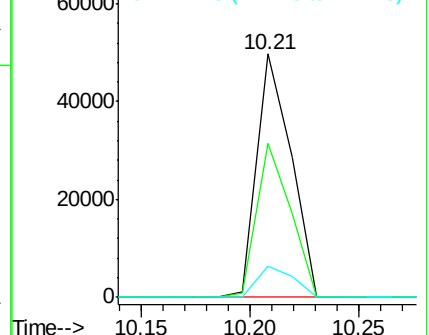
272 12.6 0.0 32.6



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: 77.95 ng

RT: 12.30 min Scan# 981

Delta R.T. 0.00 min

Lab File: BF075597.D

Acq: 16 Nov 2014 23:29

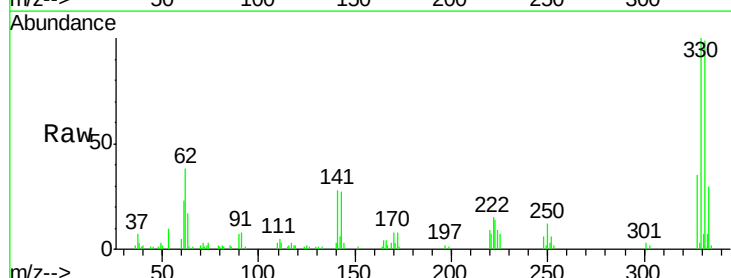
Tgt Ion:330 Resp: 35035

Ion Ratio Lower Upper

330 100

332 96.6 74.5 111.7

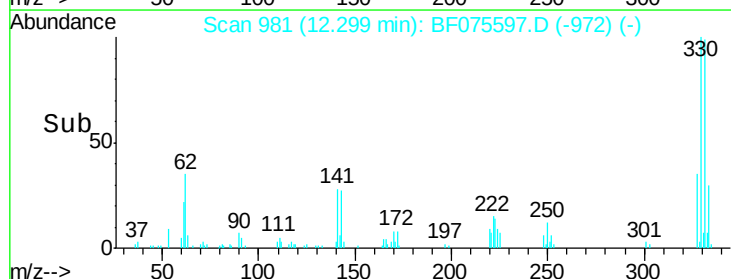
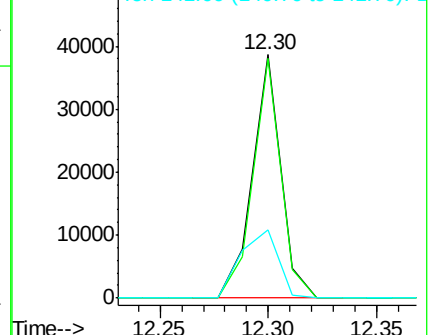
141 37.1 30.7 46.1

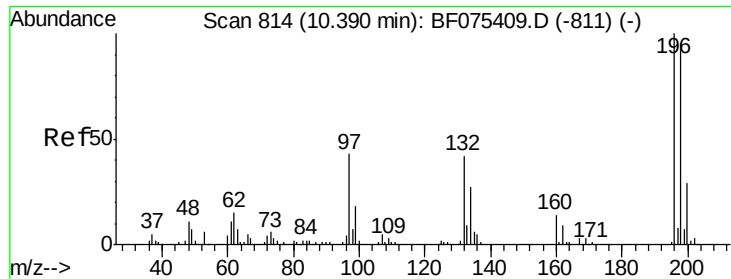


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

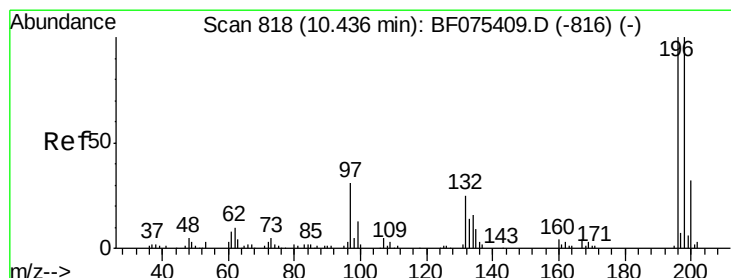
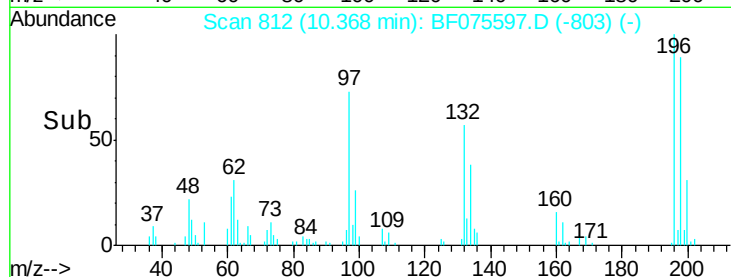
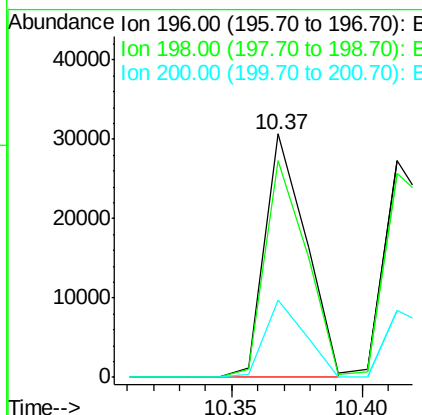
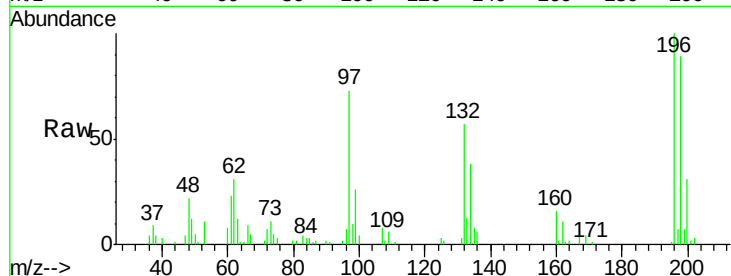




#42
 2,4,6-Trichlorophenol
 Concen: 38.05 ng
 RT: 10.37 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF075597.D
 Acq: 16 Nov 2014 23:29

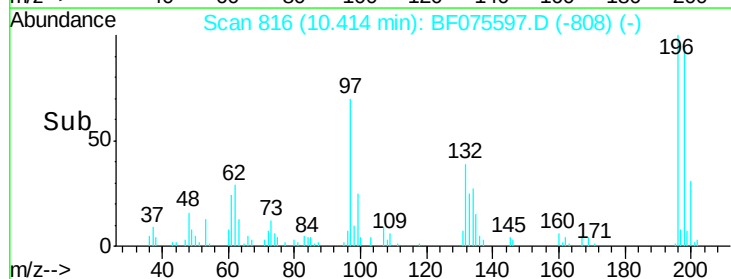
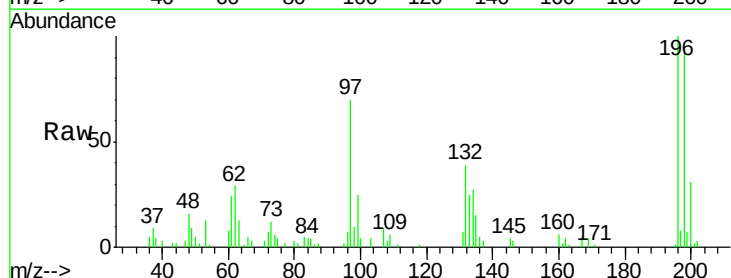
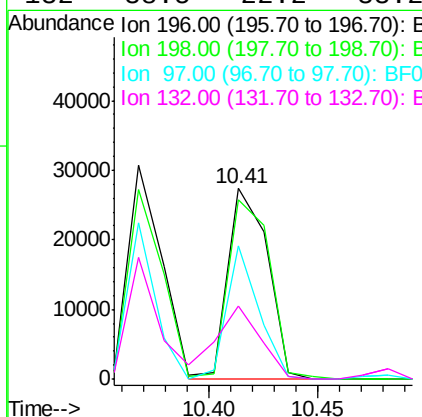
Instrument :
 BNA_F
 ClientSampleId :
 PB79309BS

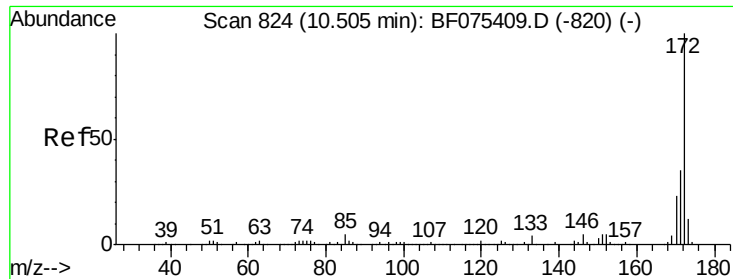
Tgt Ion:196 Resp: 33375
 Ion Ratio Lower Upper
 196 100
 198 88.9 75.7 113.5
 200 31.5 23.4 35.0



#43
 2,4,5-Trichlorophenol
 Concen: 37.87 ng
 RT: 10.41 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF075597.D
 Acq: 16 Nov 2014 23:29

Tgt Ion:196 Resp: 34598
 Ion Ratio Lower Upper
 196 100
 198 94.3 78.2 117.4
 97 69.8 29.9 44.9#
 132 38.5 22.2 33.2#

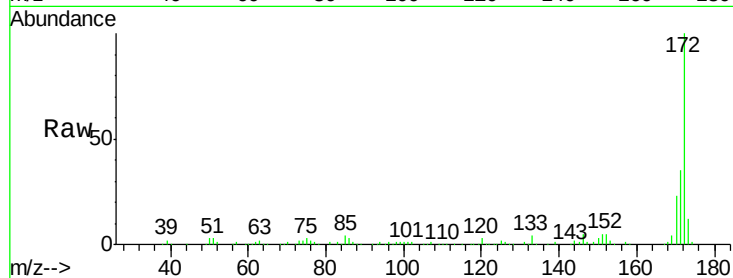




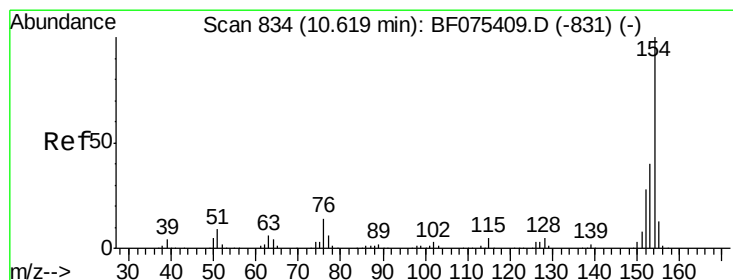
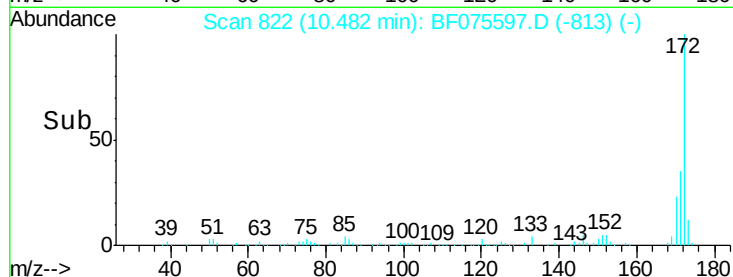
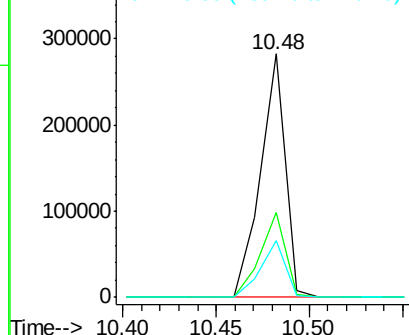
#44
2-Fluorobiphenyl
Concen: 88.81 ng
RT: 10.48 min Scan# 822
Delta R.T. 0.00 min
Lab File: BF075597.D
Acq: 16 Nov 2014 23:29

Instrument :
BNA_F
ClientSampleId :
PB79309BS

Tgt Ion:172 Resp: 263746
Ion Ratio Lower Upper
172 100
171 35.1 27.3 40.9
170 23.3 18.4 27.6

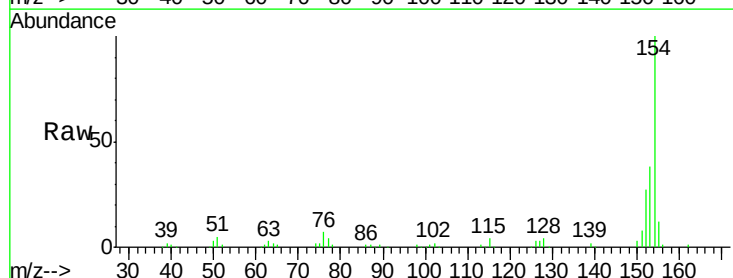


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

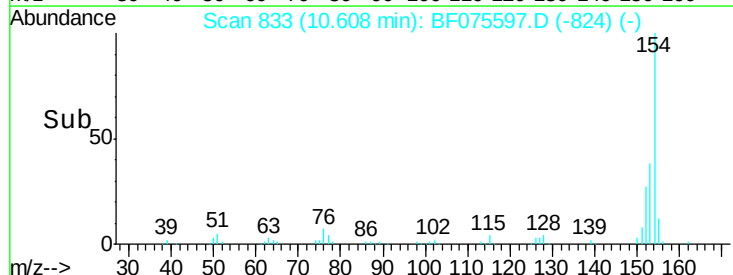
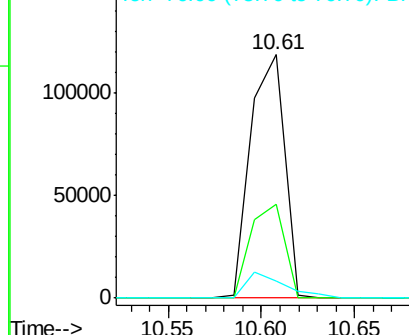


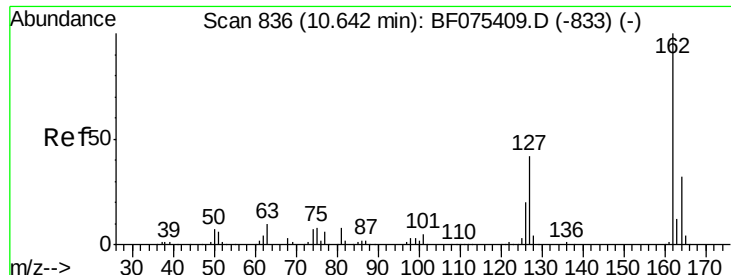
#45
1,1'-Biphenyl
Concen: 41.50 ng
RT: 10.61 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF075597.D
Acq: 16 Nov 2014 23:29

Tgt Ion:154 Resp: 150221
Ion Ratio Lower Upper
154 100
153 38.4 19.3 59.3
76 7.1 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

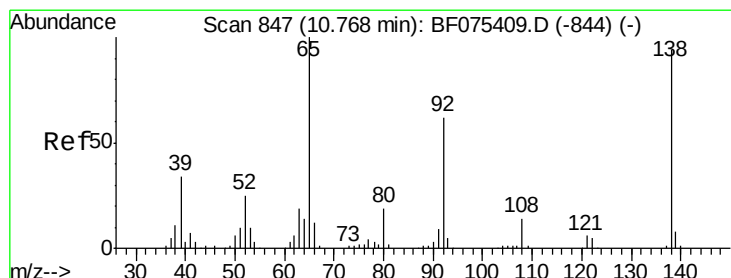
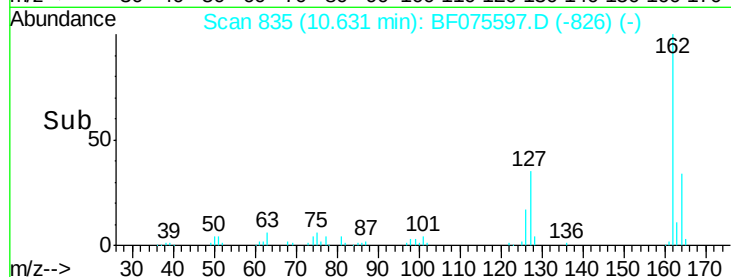
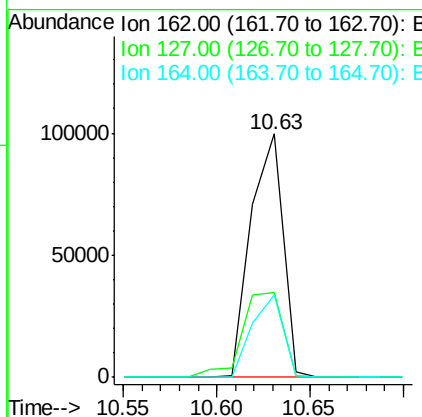
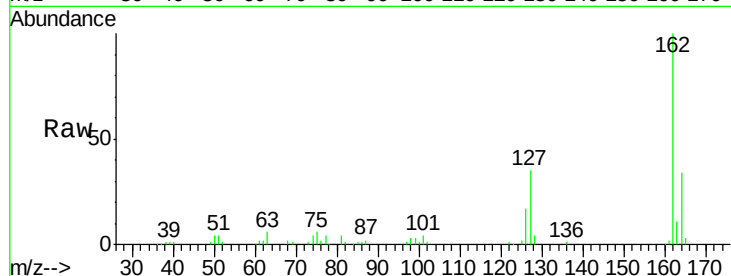




#46
2-Chloronaphthalene
Concen: 42.10 ng
RT: 10.63 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF075597.D
Acq: 16 Nov 2014 23:29

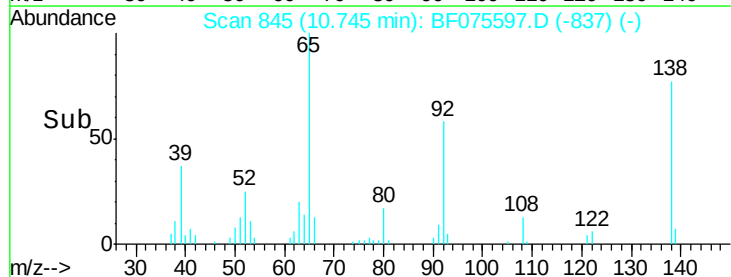
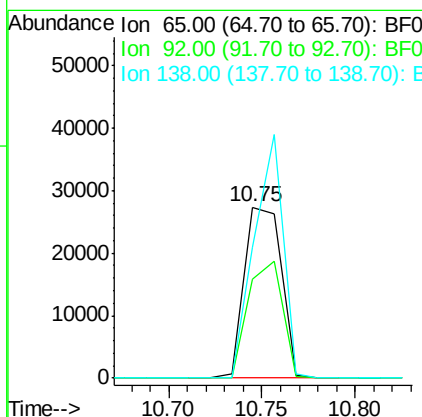
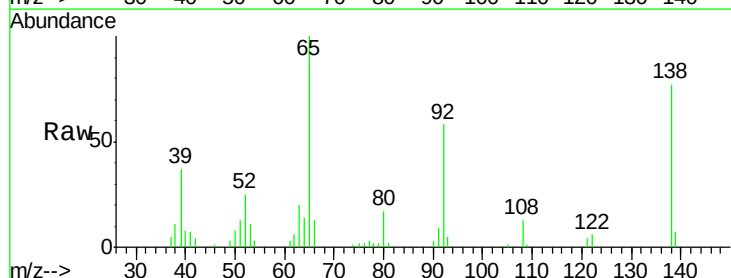
Instrument :
BNA_F
ClientSampleId :
PB79309BS

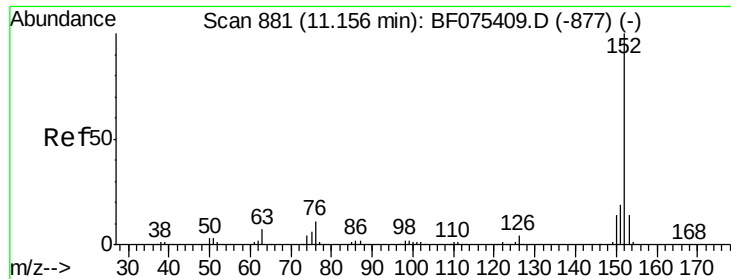
Tgt Ion: 162 Resp: 119164
Ion Ratio Lower Upper
162 100
127 35.1 34.6 51.8
164 34.0 25.1 37.7



#47
2-Nitroaniline
Concen: 44.08 ng
RT: 10.75 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF075597.D
Acq: 16 Nov 2014 23:29

Tgt Ion: 65 Resp: 37539
Ion Ratio Lower Upper
65 100
92 57.8 46.7 70.1
138 76.9 62.8 94.2





#48

Acenaphthylene

Concen: 44.11 ng

RT: 11.15 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF075597.D

Acq: 16 Nov 2014 23:29

Instrument :

BNA_F

ClientSampleId :

PB79309BS

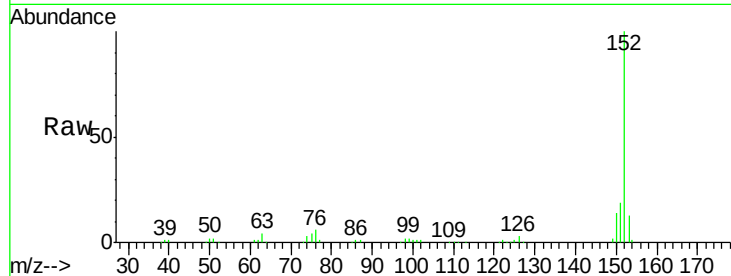
Tgt Ion:152 Resp: 205863

Ion Ratio Lower Upper

152 100

151 19.4 15.4 23.2

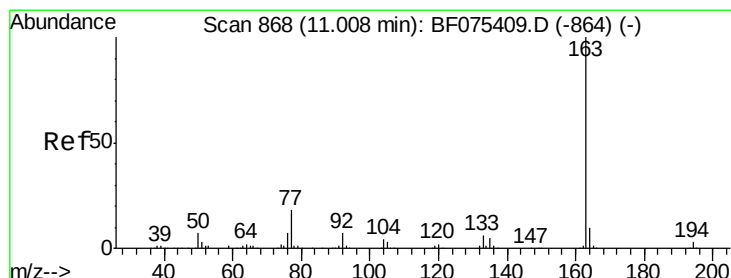
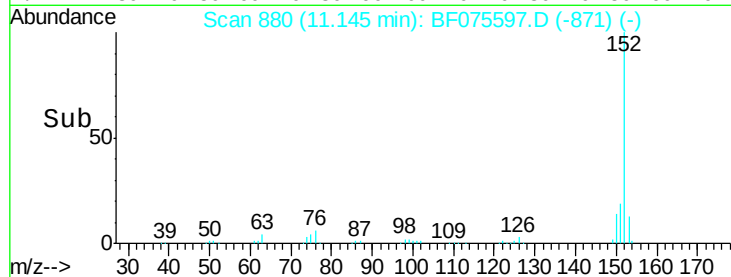
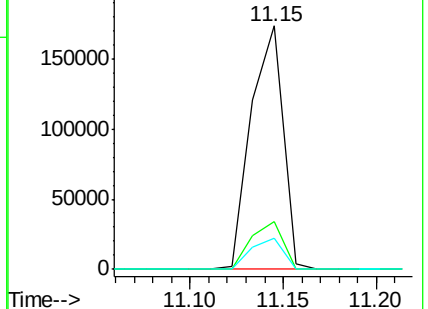
153 12.6 10.0 15.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 41.44 ng

RT: 10.99 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF075597.D

Acq: 16 Nov 2014 23:29

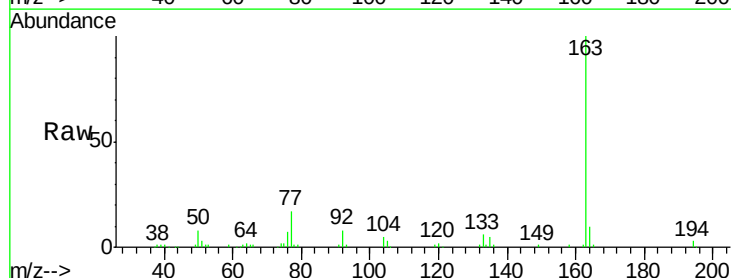
Tgt Ion:163 Resp: 152023

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

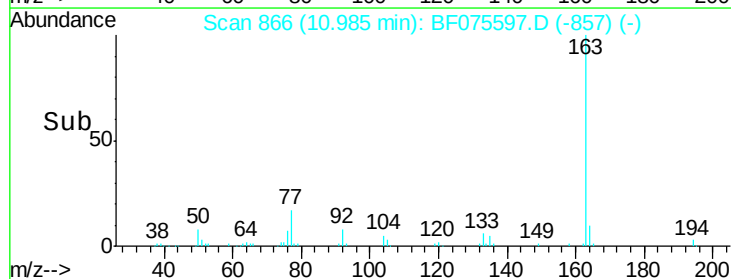
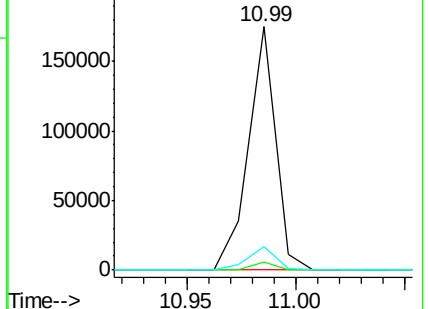
164 9.8 8.0 12.0

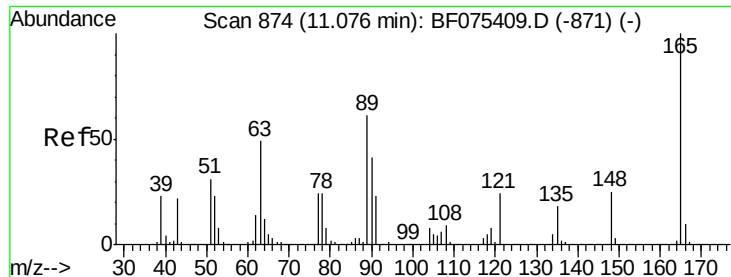


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

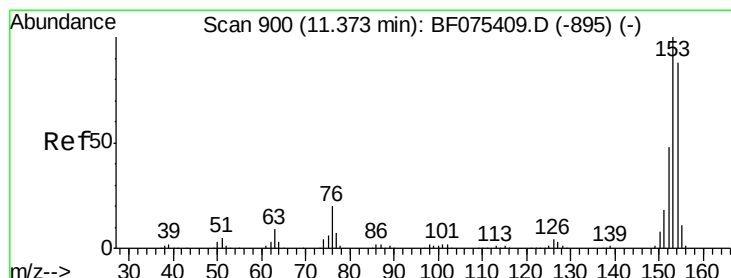
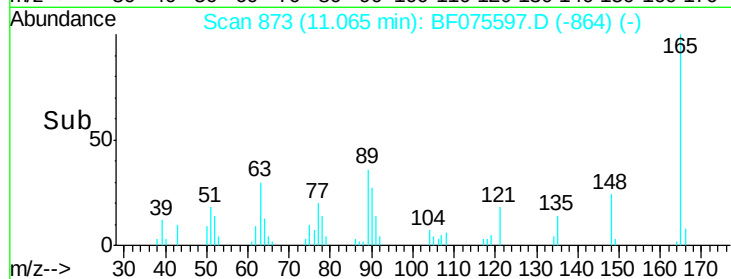
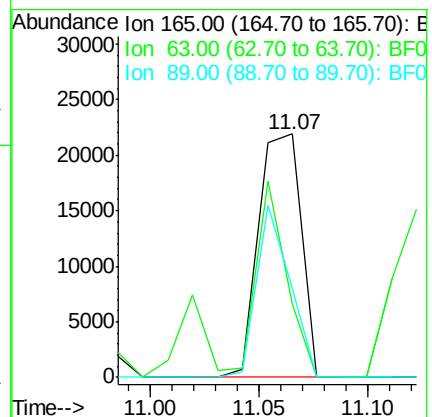
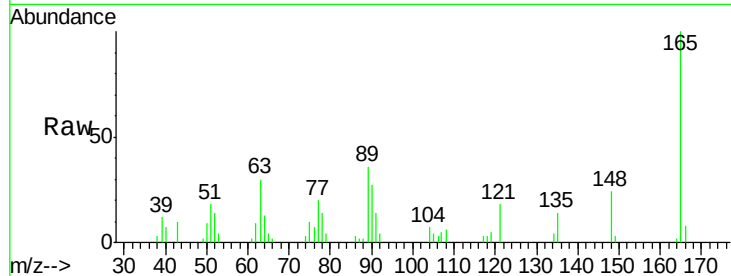




#50
2,6-Dinitrotoluene
Concen: 41.53 ng
RT: 11.07 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF075597.D
Acq: 16 Nov 2014 23:29

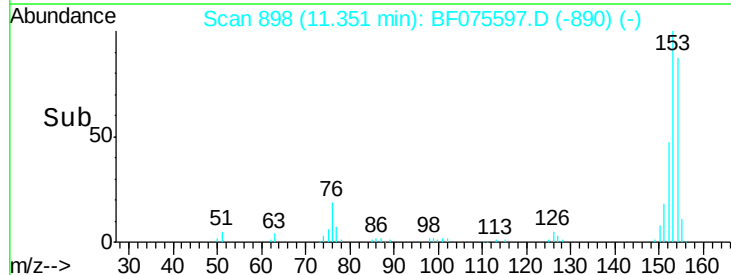
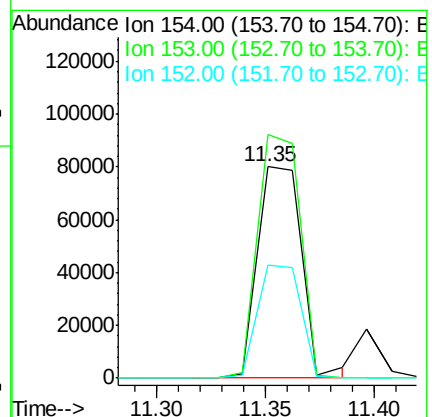
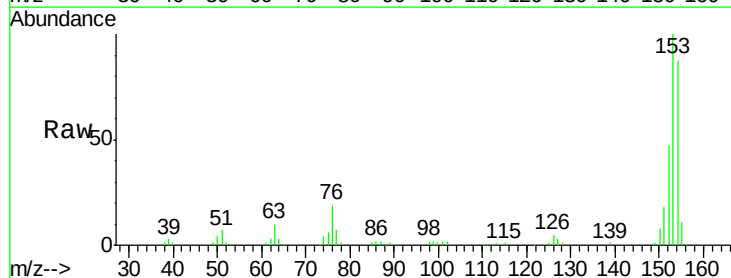
Instrument :
BNA_F
ClientSampleId :
PB79309BS

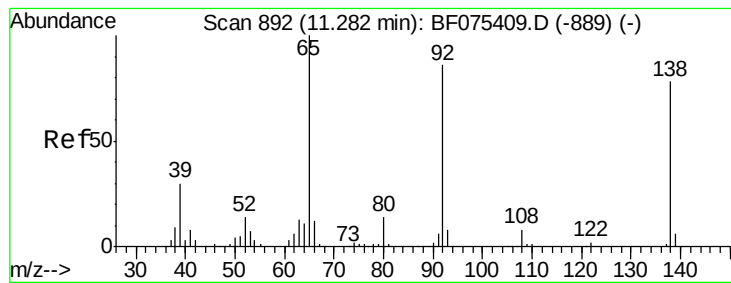
Tgt Ion:165 Resp: 30008
Ion Ratio Lower Upper
165 100
63 30.2 61.2 91.8#
89 36.2 52.5 78.7#



#51
Acenaphthene
Concen: 40.23 ng
RT: 11.35 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF075597.D
Acq: 16 Nov 2014 23:29

Tgt Ion:154 Resp: 113315
Ion Ratio Lower Upper
154 100
153 115.1 91.2 136.8
152 53.6 43.4 65.0





#52

3-Nitroaniline

Concen: 28.97 ng

RT: 11.26 min Scan# 890

Delta R.T. -0.01 min

Lab File: BF075597.D

Acq: 16 Nov 2014 23:29

Instrument :

BNA_F

ClientSampleId :

PB79309BS

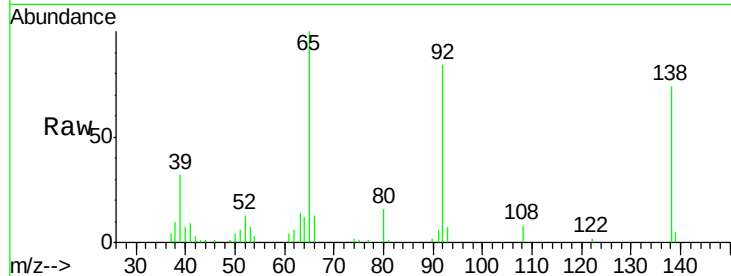
Tgt Ion:138 Resp: 24680

Ion Ratio Lower Upper

138 100

108 11.1 10.2 15.2

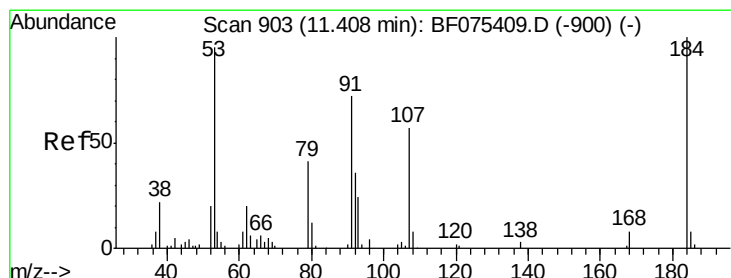
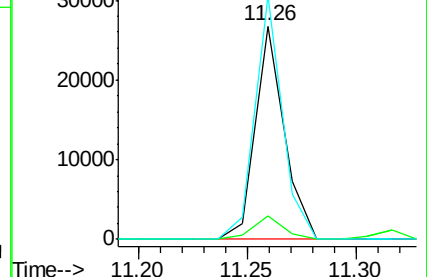
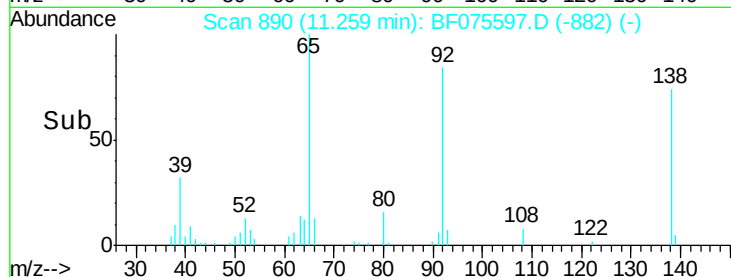
92 114.2 91.0 136.6



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: 69.05 ng

RT: 11.40 min Scan# 902

Delta R.T. 0.00 min

Lab File: BF075597.D

Acq: 16 Nov 2014 23:29

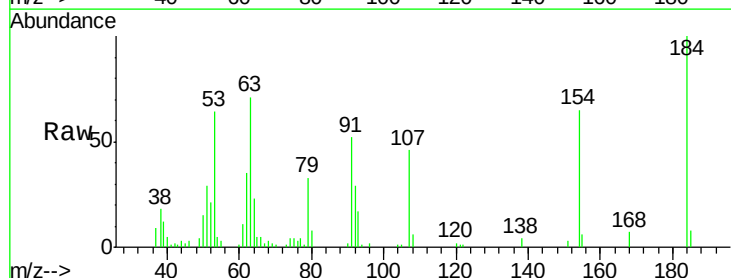
Tgt Ion:184 Resp: 26276

Ion Ratio Lower Upper

184 100

63 71.3 96.3 144.5#

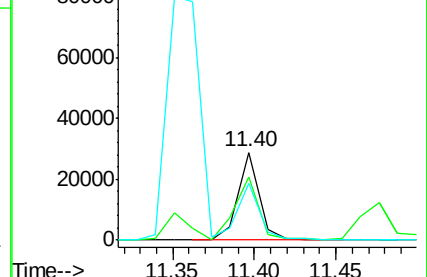
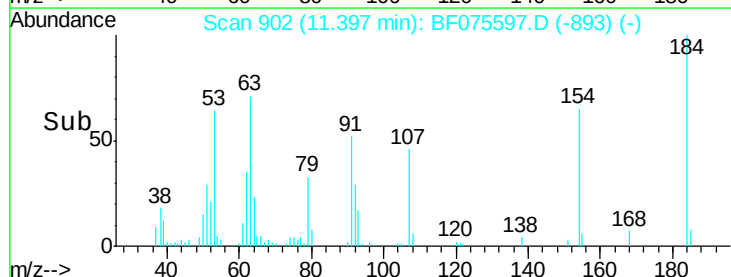
154 65.0 56.2 84.4

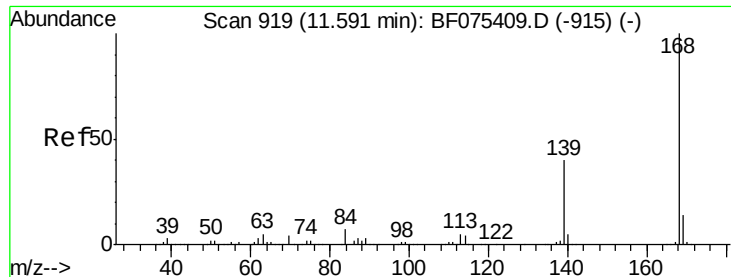


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

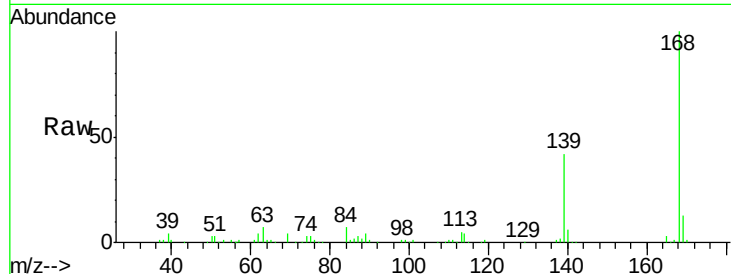




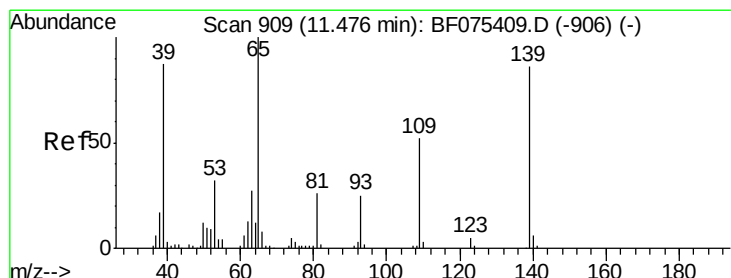
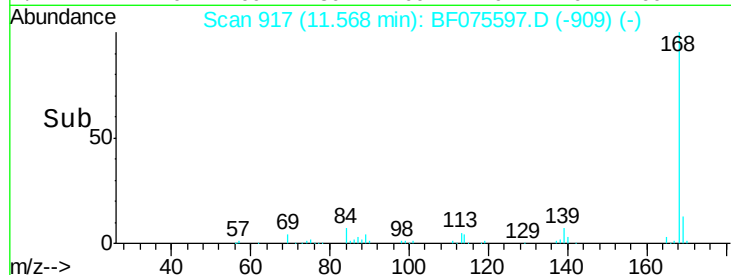
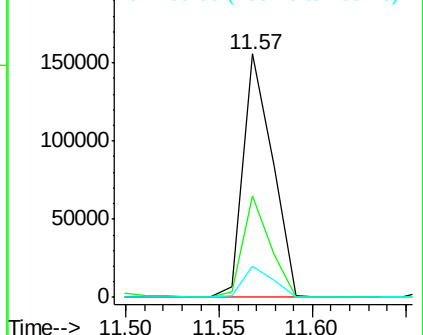
#54
Dibenzenofuran
Concen: 42.03 ng
RT: 11.57 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF075597.D
Acq: 16 Nov 2014 23:29

Instrument :
BNA_F
ClientSampleId :
PB79309BS

Tgt Ion:168 Resp: 169215
Ion Ratio Lower Upper
168 100
139 41.5 33.0 49.4
169 12.9 10.8 16.2

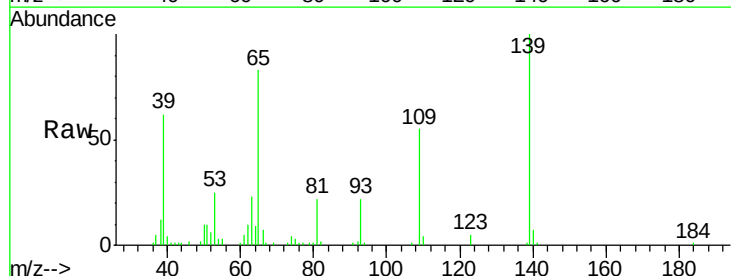


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

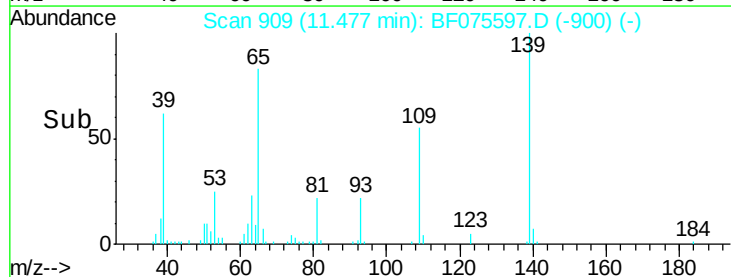
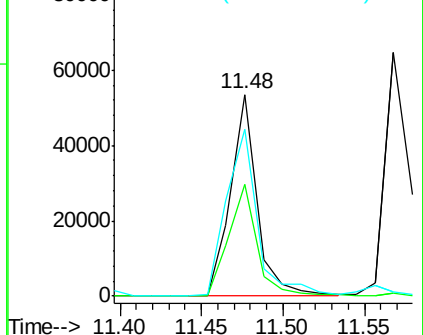


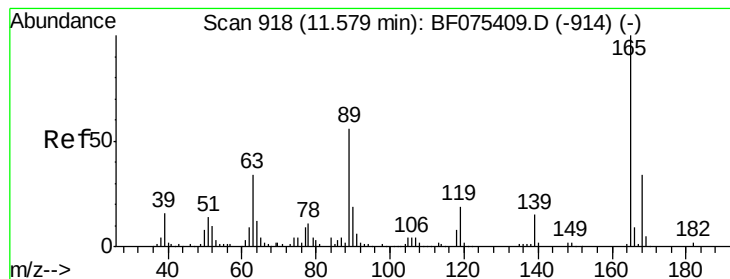
#55
4-Nitrophenol
Concen: 87.79 ng
RT: 11.48 min Scan# 909
Delta R.T. 0.00 min
Lab File: BF075597.D
Acq: 16 Nov 2014 23:29

Tgt Ion:139 Resp: 59790
Ion Ratio Lower Upper
139 100
109 55.4 45.8 85.8
65 83.1 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): BF0





#56

2,4-Dinitrotoluene

Concen: 46.00 ng

RT: 11.56 min Scan# 916

Delta R.T. 0.00 min

Lab File: BF075597.D

Acq: 16 Nov 2014 23:29

Instrument :

BNA_F

ClientSampleId :

PB79309BS

Tgt Ion:165 Resp: 43670

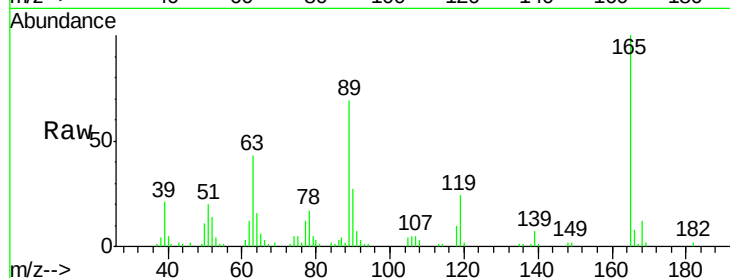
Ion Ratio Lower Upper

165 100

63 42.7 27.0 40.6#

89 68.5 47.8 71.6

182 2.3 1.7 2.5

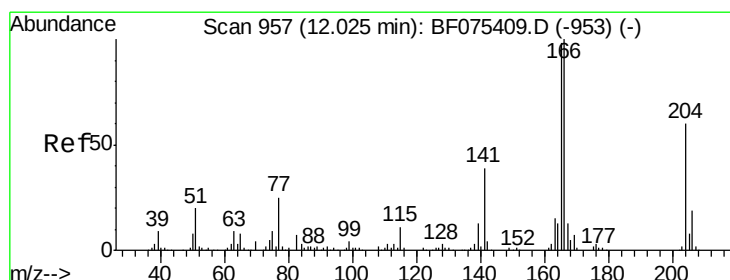
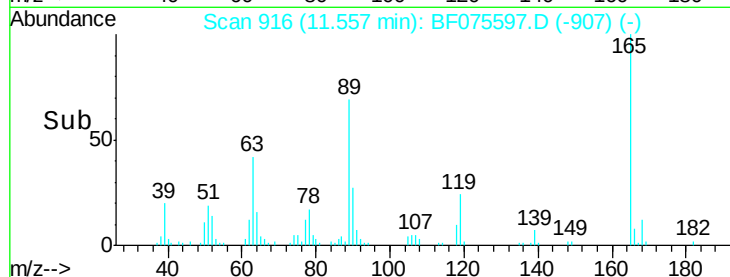
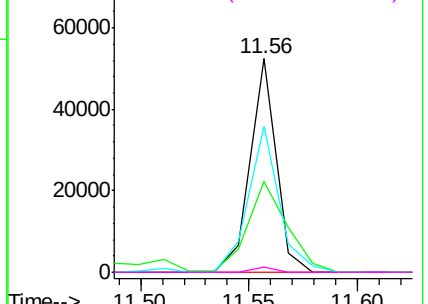


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 44.60 ng

RT: 12.00 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF075597.D

Acq: 16 Nov 2014 23:29

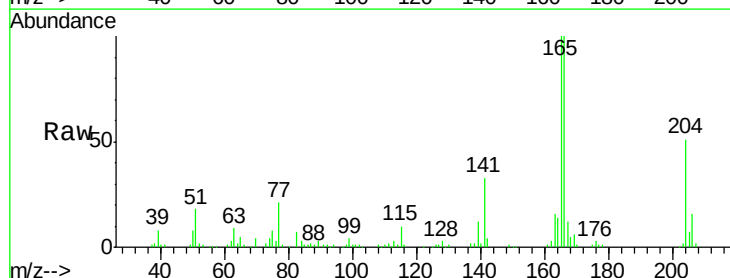
Tgt Ion:166 Resp: 145209

Ion Ratio Lower Upper

166 100

165 100.2 78.8 118.2

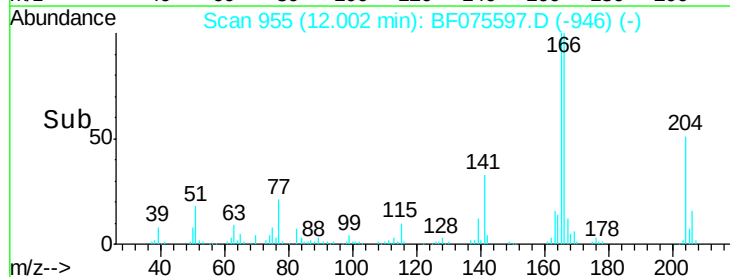
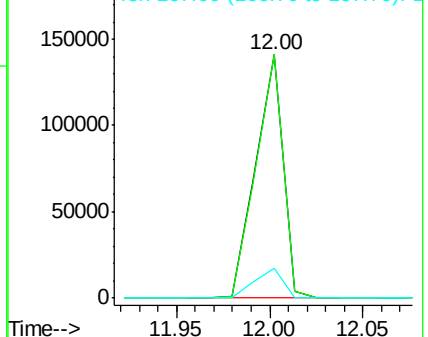
167 12.5 10.6 15.8

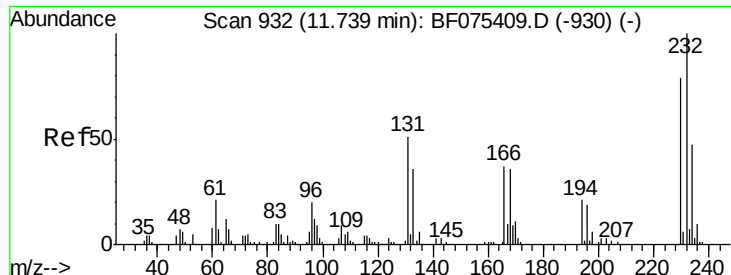


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

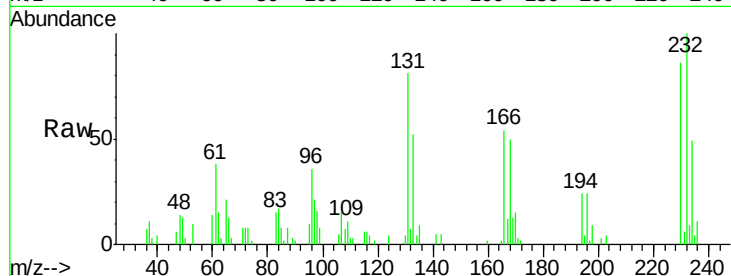




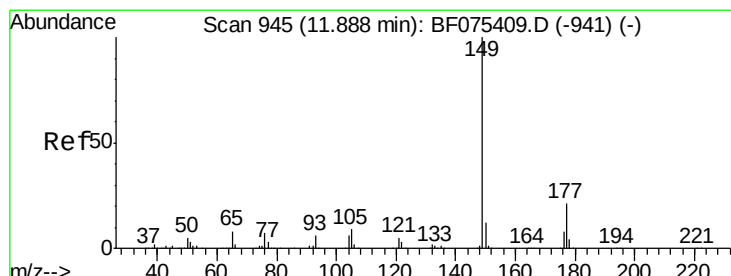
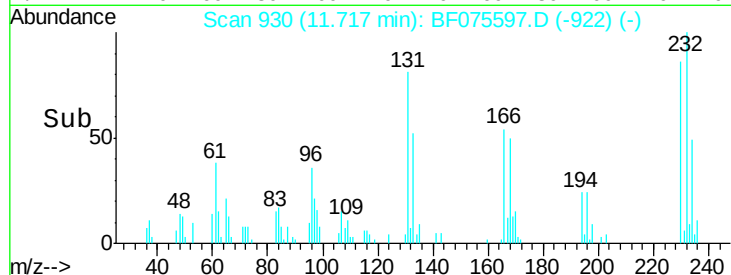
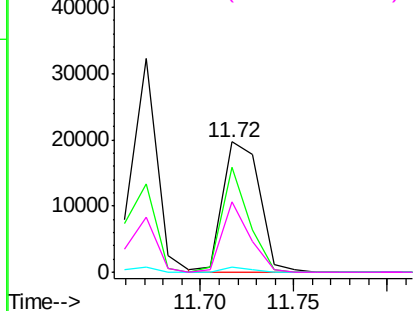
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.48 ng
 RT: 11.72 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BF075597.D
 Acq: 16 Nov 2014 23:29

Instrument :
 BNA_F
 ClientSampleId :
 PB79309BS

Tgt Ion: 232 Resp: 27182
 Ion Ratio Lower Upper
 232 100
 131 58.9 44.6 67.0
 130 2.7 2.5 3.7
 166 40.5 29.3 43.9

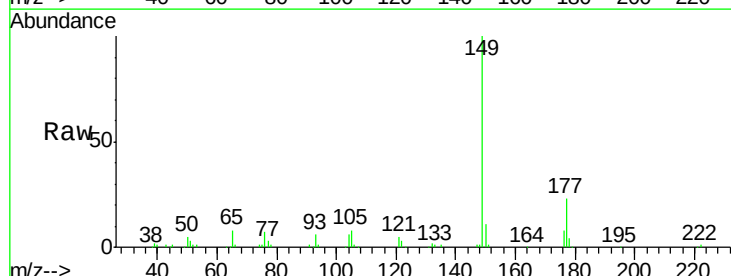


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

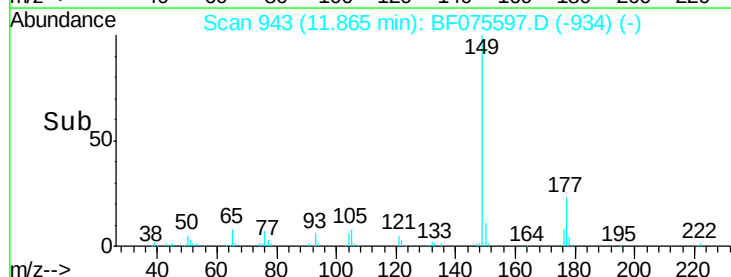
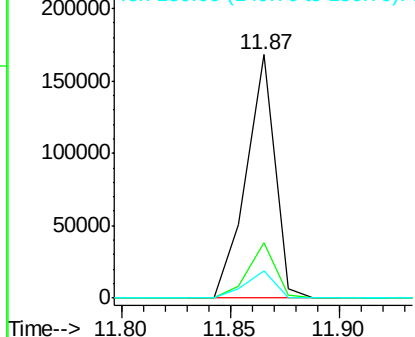


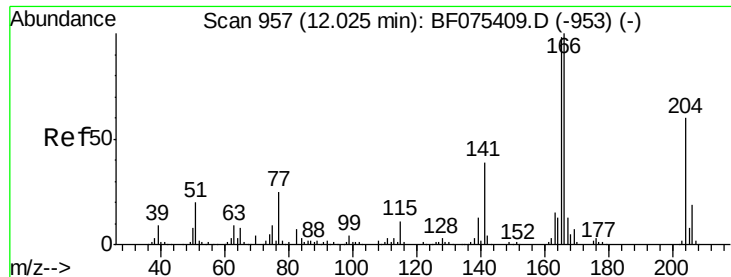
#59
 Diethylphthalate
 Concen: 40.58 ng
 RT: 11.87 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BF075597.D
 Acq: 16 Nov 2014 23:29

Tgt Ion: 149 Resp: 154494
 Ion Ratio Lower Upper
 149 100
 177 22.7 15.8 23.8
 150 11.4 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

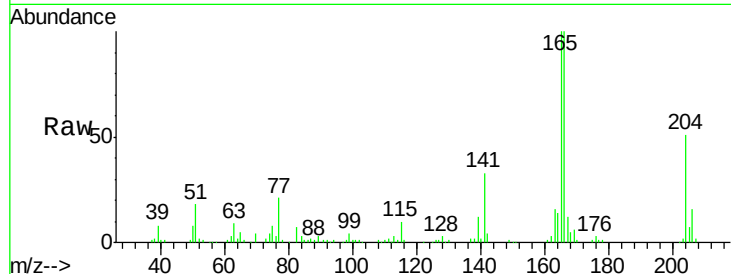




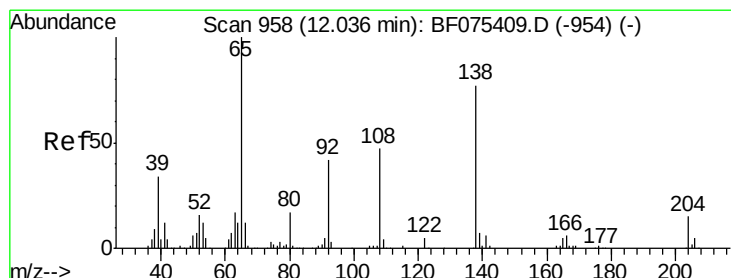
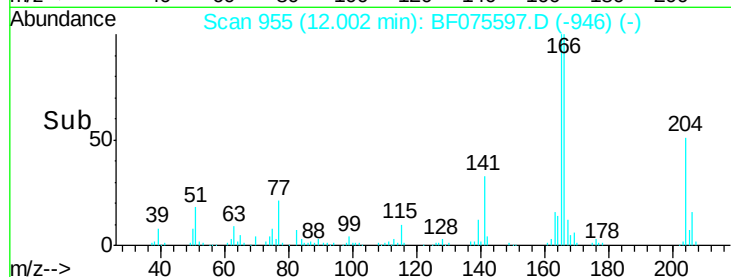
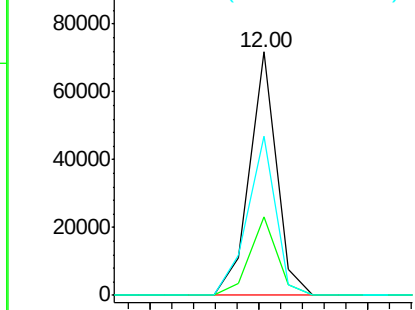
#60
 4-Chlorophenyl-phenylether
 Concen: 44.27 ng
 RT: 12.00 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BF075597.D
 Acq: 16 Nov 2014 23:29

Instrument :
 BNA_F
 ClientSampleId :
 PB79309BS

Tgt Ion:204 Resp: 61968
 Ion Ratio Lower Upper
 204 100
 206 32.1 25.1 37.7
 141 65.3 58.6 87.8

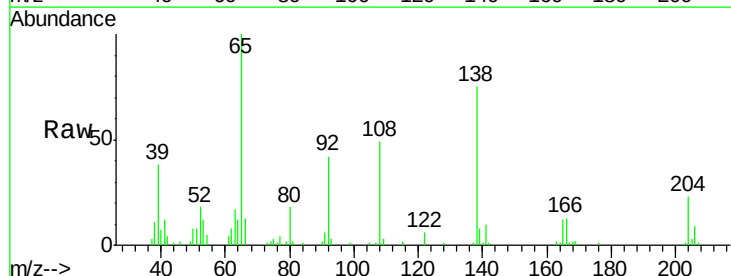


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

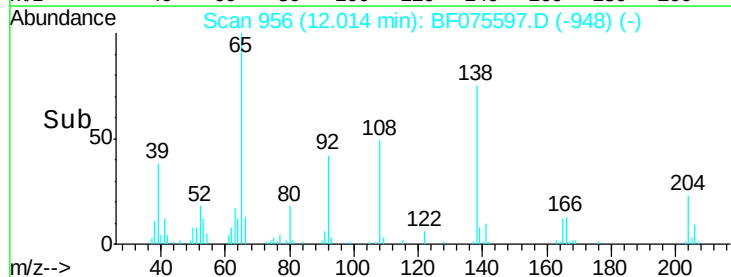
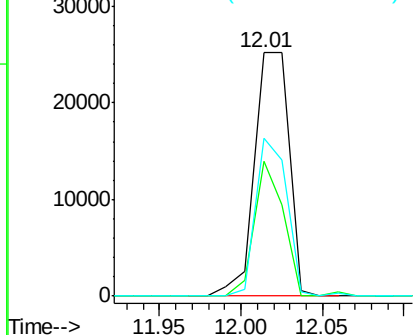


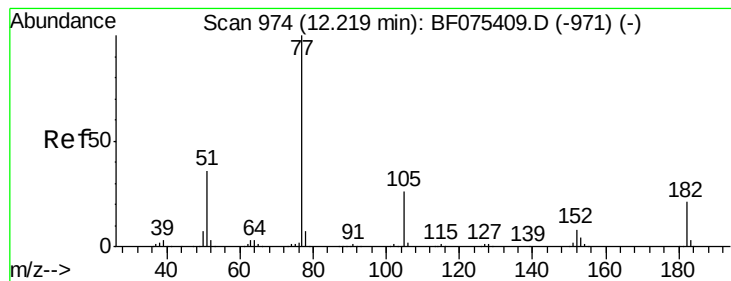
#61
 4-Nitroaniline
 Concen: 43.73 ng
 RT: 12.01 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF075597.D
 Acq: 16 Nov 2014 23:29

Tgt Ion:138 Resp: 37244
 Ion Ratio Lower Upper
 138 100
 92 55.3 34.8 74.8
 108 64.8 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: 39.98 ng

RT: 12.20 min Scan# 972

Delta R.T. 0.00 min

Lab File: BF075597.D

Acq: 16 Nov 2014 23:29

Instrument :

BNA_F

ClientSampleId :

PB79309BS

Tgt Ion: 77 Resp: 133889

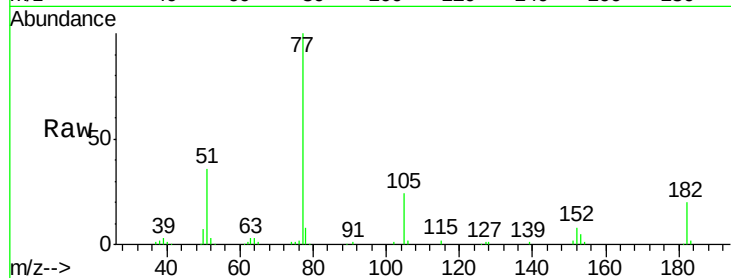
Ion Ratio Lower Upper

77 100

182 20.0 0.0 37.1

105 23.9 3.7 43.7

51 35.8 18.7 58.7

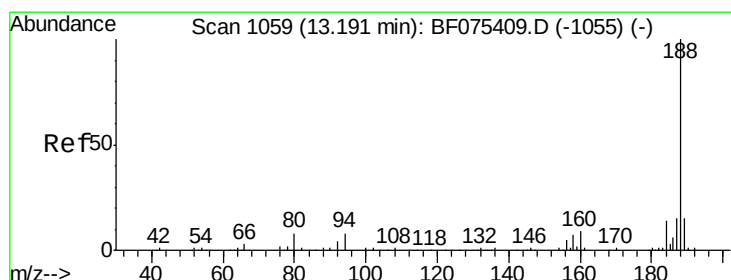
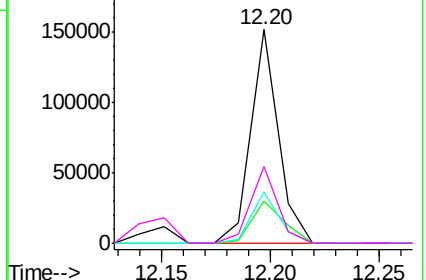
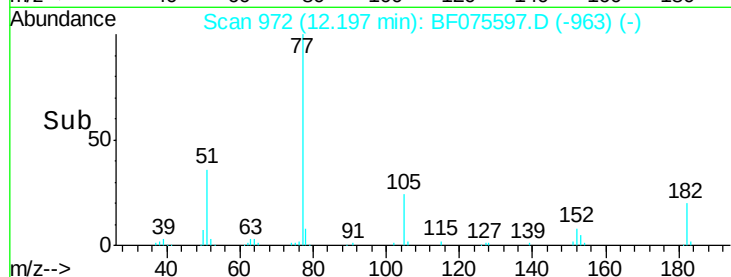


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 13.17 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF075597.D

Acq: 16 Nov 2014 23:29

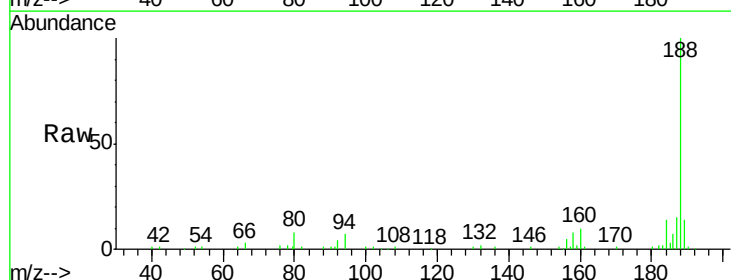
Tgt Ion: 188 Resp: 89369

Ion Ratio Lower Upper

188 100

94 7.5 7.8 11.6#

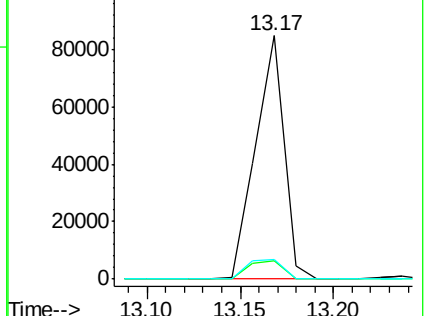
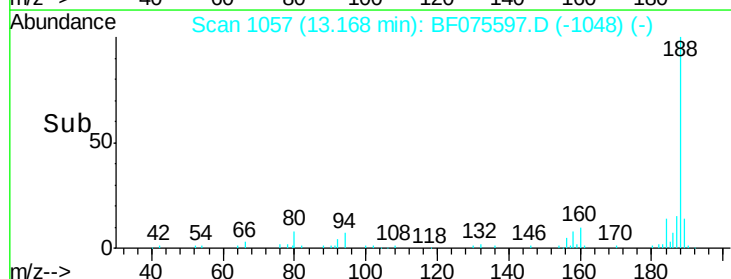
80 7.9 8.0 12.0#

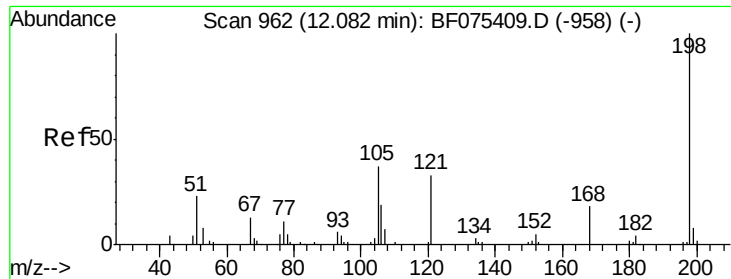


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

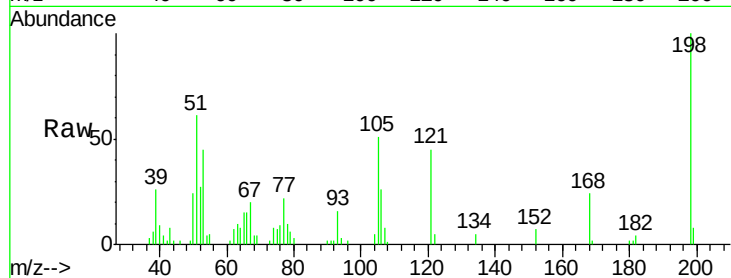




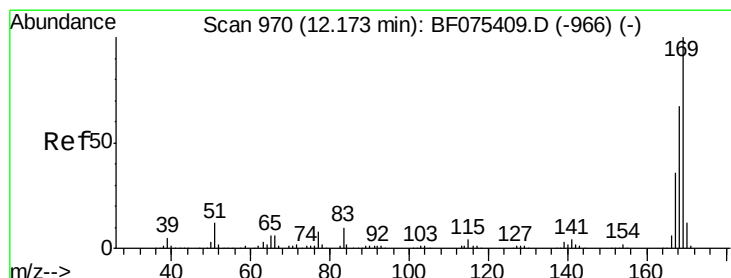
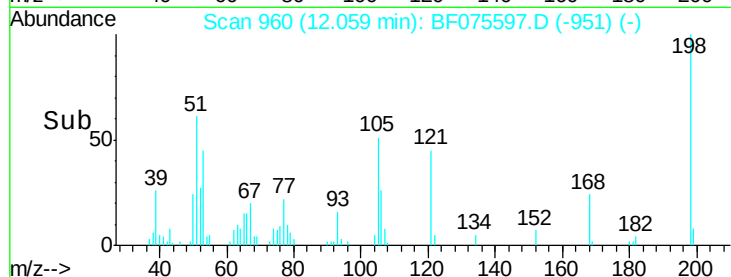
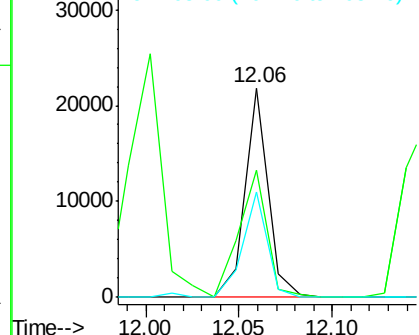
#64
 4,6-Dinitro-2-methylphenol
 Concen: 41.80 ng
 RT: 12.06 min Scan# 960
 Delta R.T. 0.00 min
 Lab File: BF075597.D
 Acq: 16 Nov 2014 23:29

Instrument :
 BNA_F
 ClientSampleId :
 PB79309BS

Tgt Ion:198 Resp: 18893
 Ion Ratio Lower Upper
 198 100
 51 60.9 26.0 66.0
 105 50.6 24.2 64.2

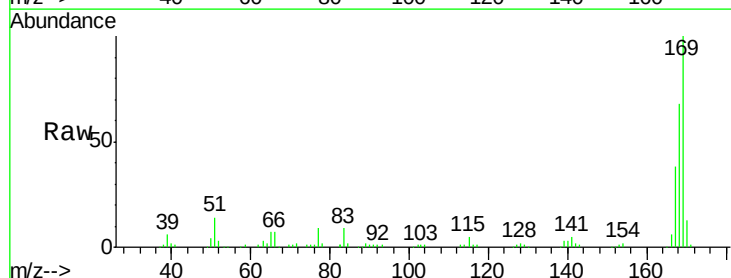


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF075597.D (-958) (-)
 Ion 105.00 (104.70 to 105.70): E

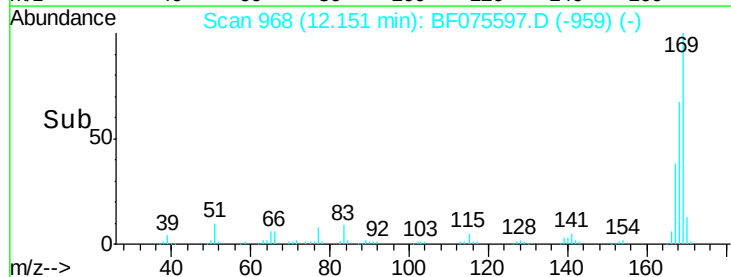
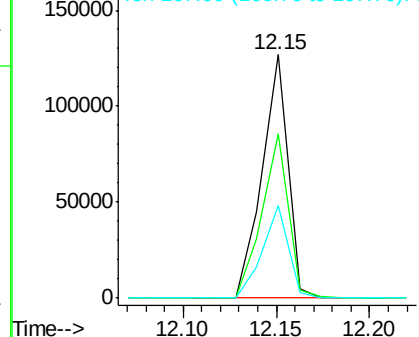


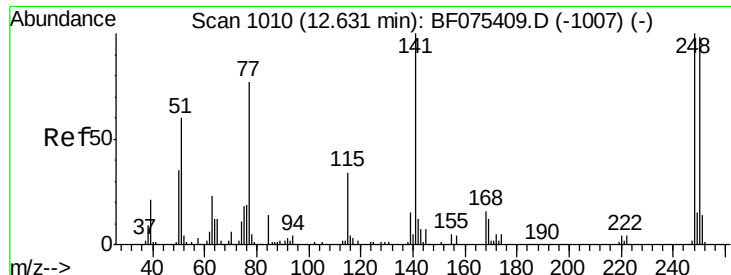
#65
 n-Nitrosodiphenylamine
 Concen: 42.82 ng
 RT: 12.15 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: BF075597.D
 Acq: 16 Nov 2014 23:29

Tgt Ion:169 Resp: 121057
 Ion Ratio Lower Upper
 169 100
 168 67.6 53.5 80.3
 167 38.1 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

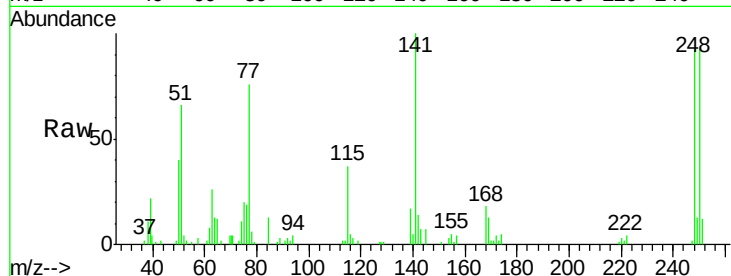




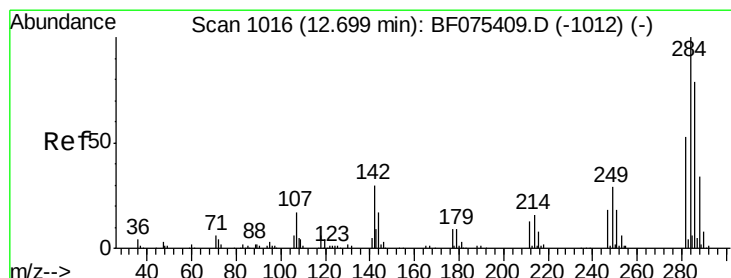
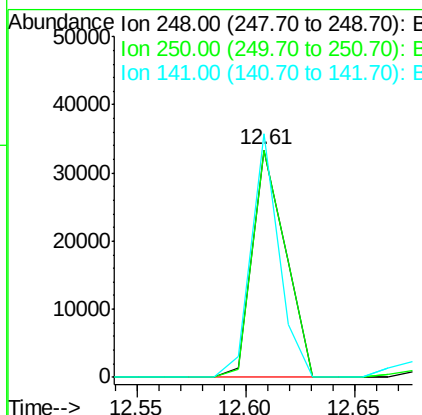
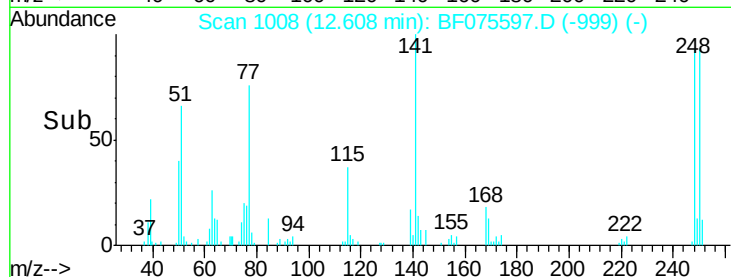
#66
4-Bromophenyl-phenylether
Concen: 42.19 ng
RT: 12.61 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF075597.D
Acq: 16 Nov 2014 23:29

Instrument :
BNA_F
ClientSampleId :
PB79309BS

Tgt Ion:248 Resp: 35471
Ion Ratio Lower Upper
248 100
250 99.6 76.3 114.5
141 107.1 44.3 66.5#

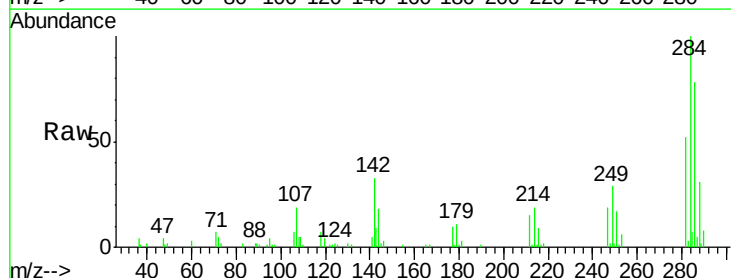


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

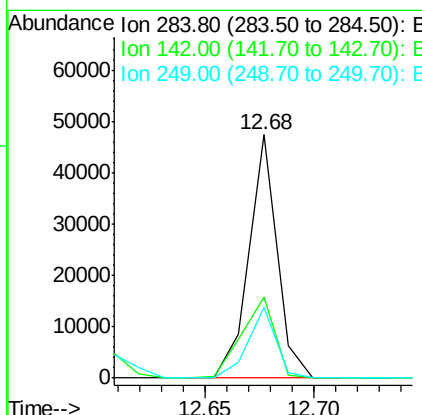
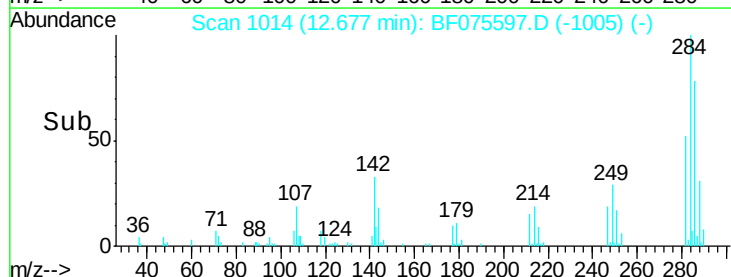


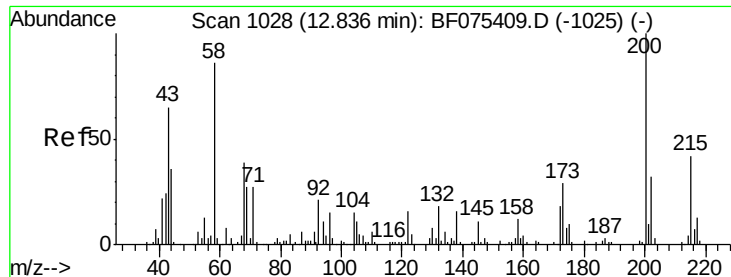
#67
Hexachlorobenzene
Concen: 44.65 ng
RT: 12.68 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF075597.D
Acq: 16 Nov 2014 23:29

Tgt Ion:284 Resp: 42630
Ion Ratio Lower Upper
284 100
142 33.4 28.7 43.1
249 29.1 24.1 36.1



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

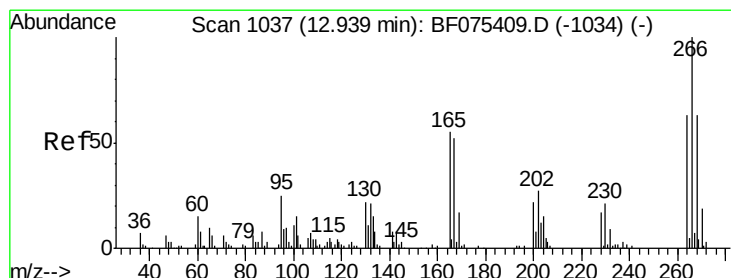
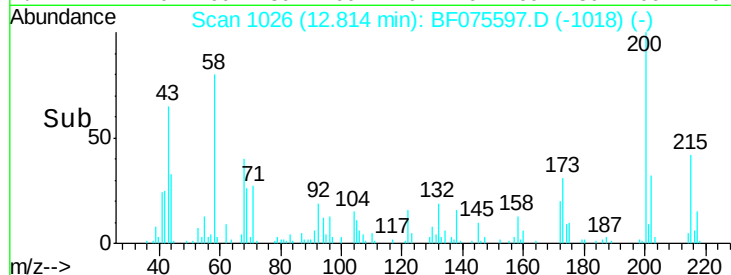
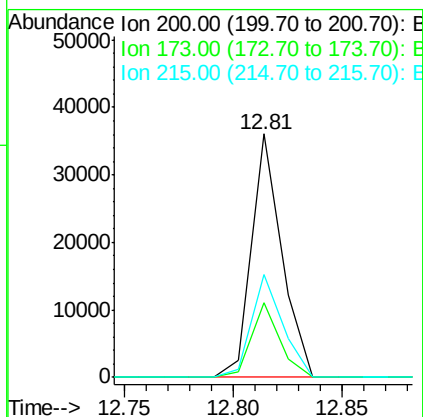
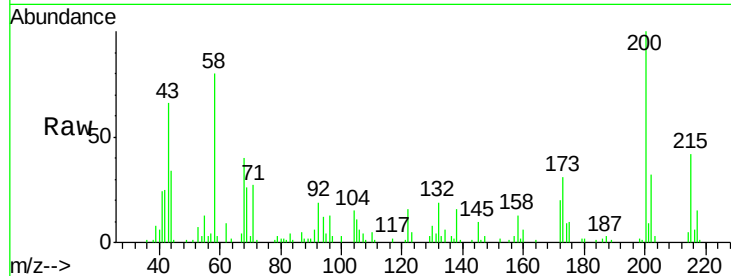




#68
Atrazine
Concen: 39.73 ng
RT: 12.81 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF075597.D
Acq: 16 Nov 2014 23:29

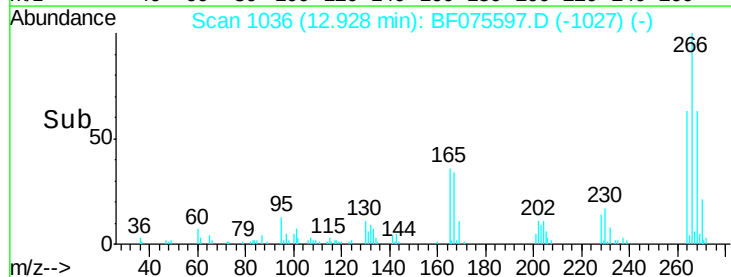
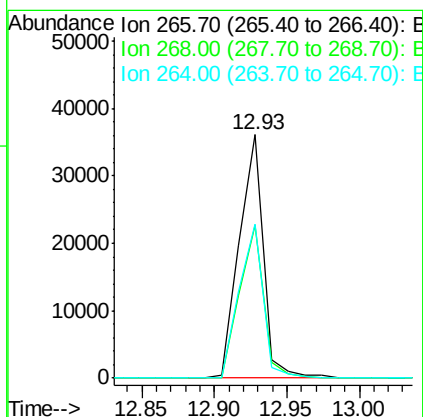
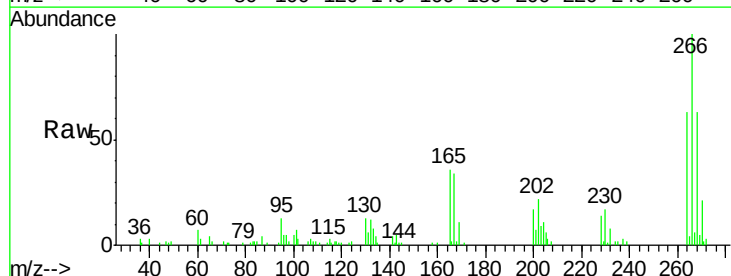
Instrument :
BNA_F
ClientSampleId :
PB79309BS

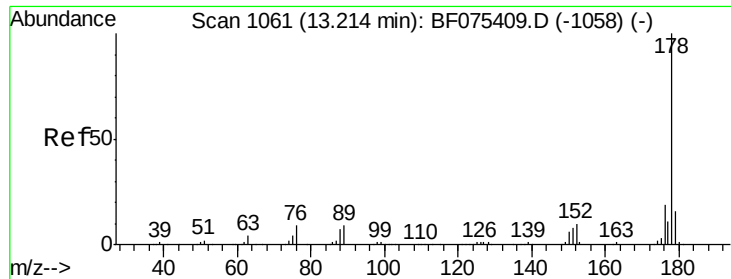
Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.6	12.3	52.3
215	42.2	23.8	63.8



#69
Pentachlorophenol
Concen: 69.58 ng
RT: 12.93 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF075597.D
Acq: 16 Nov 2014 23:29

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.7	48.6	73.0
264	63.2	52.1	78.1

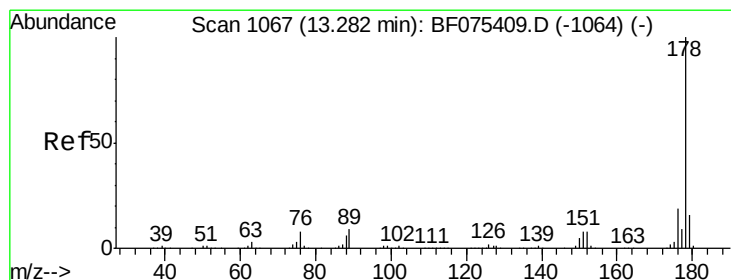
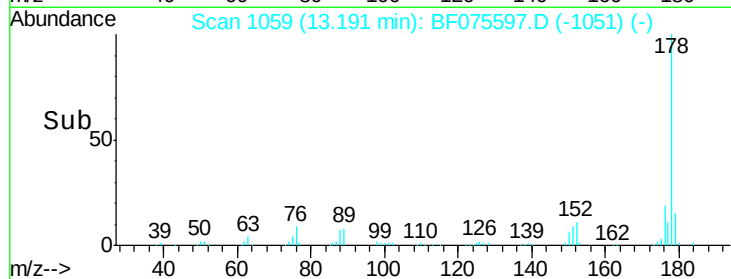
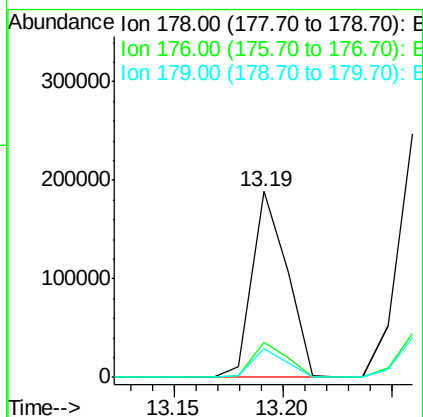
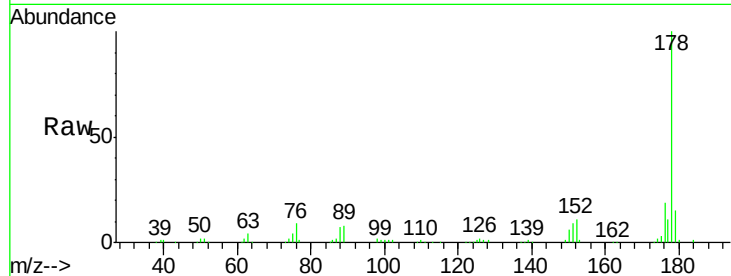




#70
 Phenanthrene
 Concen: 44.88 ng
 RT: 13.19 min Scan# 1059
 Delta R.T. -0.01 min
 Lab File: BF075597.D
 Acq: 16 Nov 2014 23:29

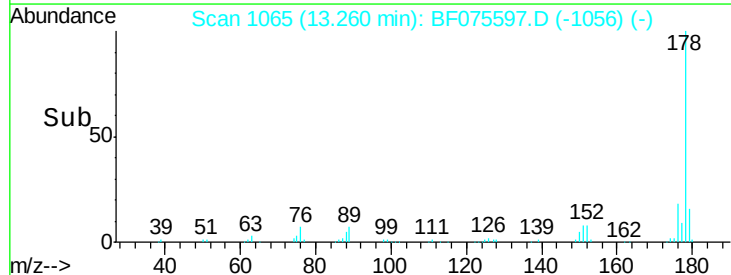
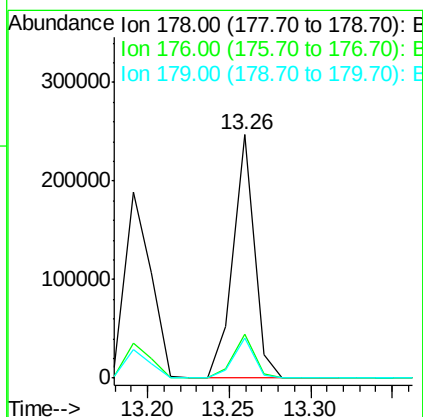
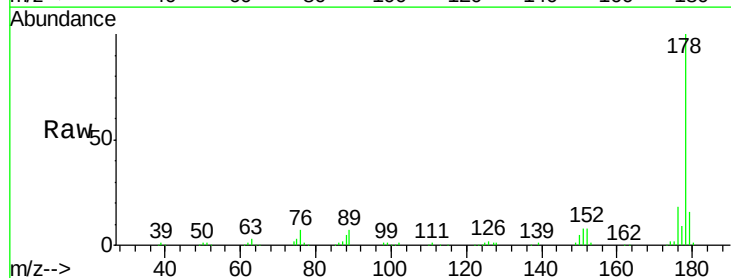
Instrument :
 BNA_F
 ClientSampleId :
 PB79309BS

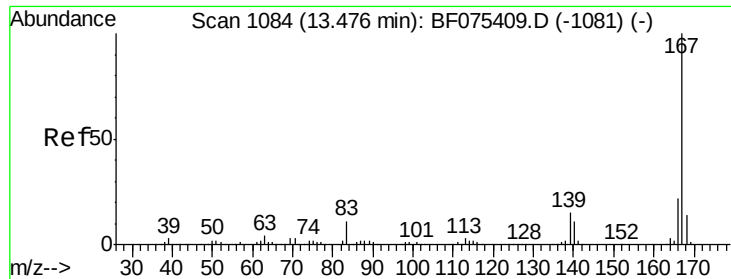
Tgt Ion:178 Resp: 211065
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.3 22.9
 179 15.4 12.2 18.4



#71
 Anthracene
 Concen: 45.80 ng
 RT: 13.26 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: BF075597.D
 Acq: 16 Nov 2014 23:29

Tgt Ion:178 Resp: 222672
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.1 22.7
 179 16.3 12.2 18.2





#72

Carbazole

Concen: 43.61 ng

RT: 13.47 min Scan# 1083

Delta R.T. 0.00 min

Lab File: BF075597.D

Acq: 16 Nov 2014 23:29

Instrument :

BNA_F

ClientSampleId :

PB79309BS

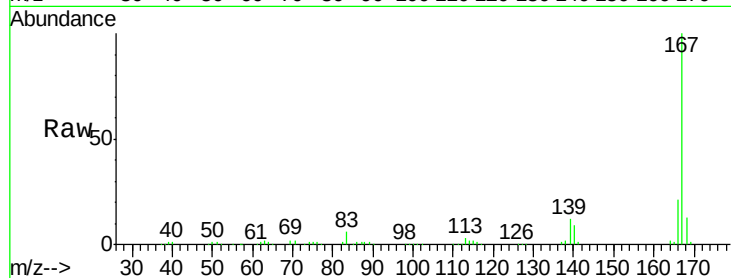
Tgt Ion:167 Resp: 207437

Ion Ratio Lower Upper

167 100

166 21.4 17.4 26.0

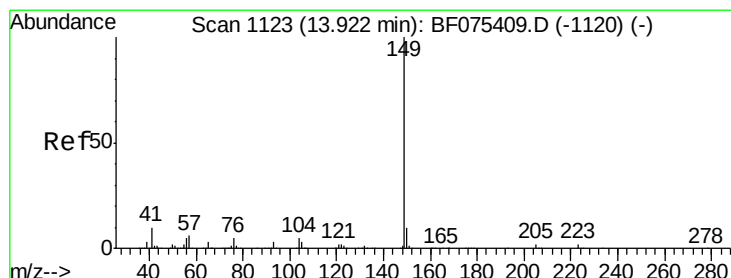
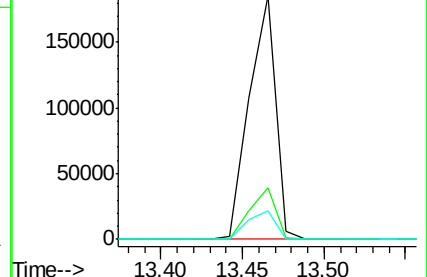
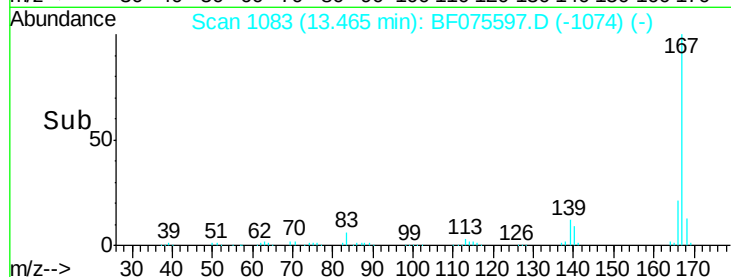
139 11.9 10.1 15.1



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 40.45 ng

RT: 13.90 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BF075597.D

Acq: 16 Nov 2014 23:29

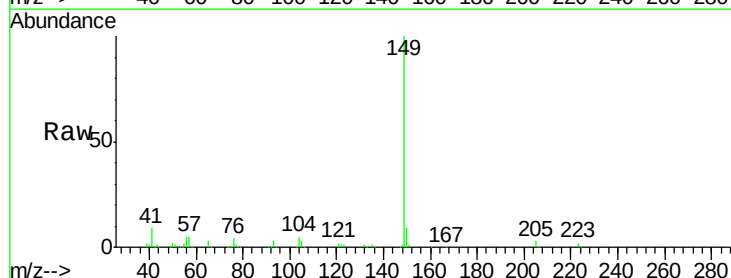
Tgt Ion:149 Resp: 265827

Ion Ratio Lower Upper

149 100

150 9.0 7.3 10.9

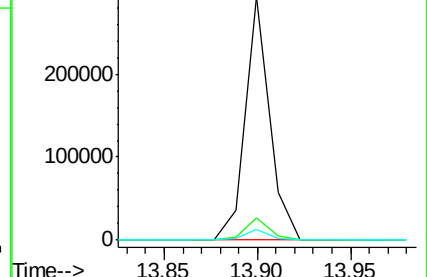
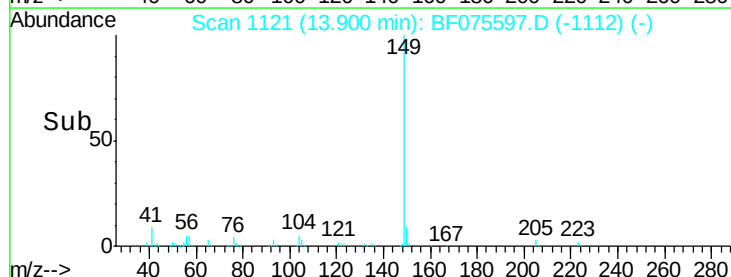
104 4.6 3.1 4.7

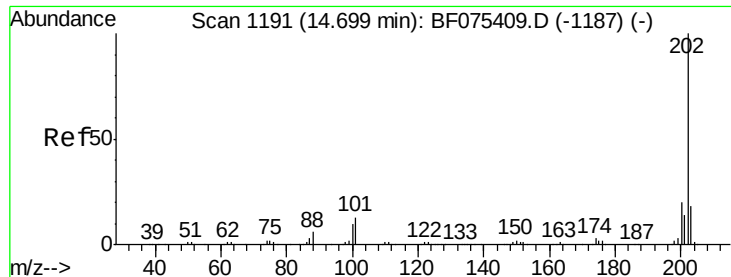


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

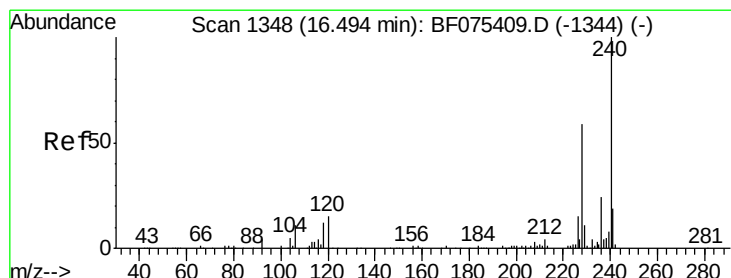
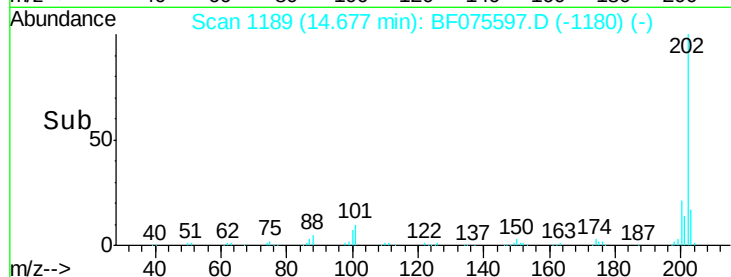
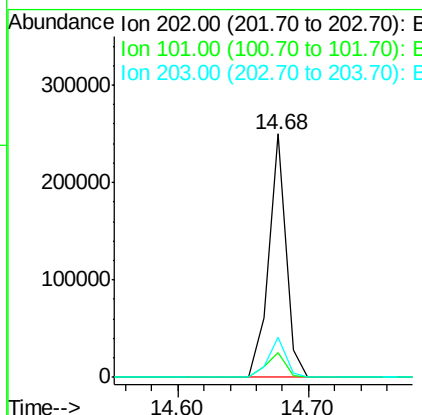
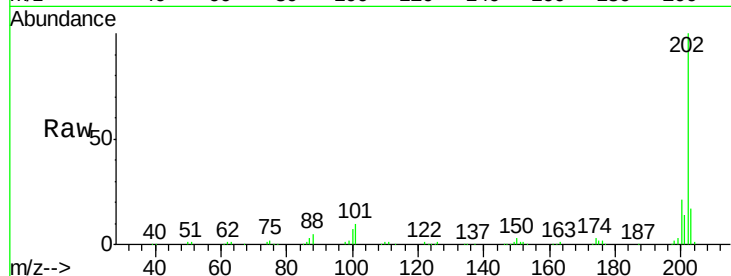




#74
Fluoranthene
Concen: 46.49 ng
RT: 14.68 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BF075597.D
Acq: 16 Nov 2014 23:29

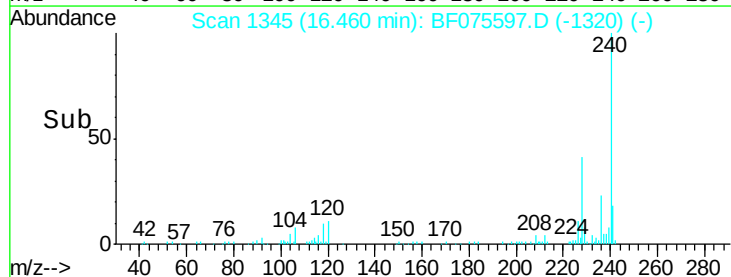
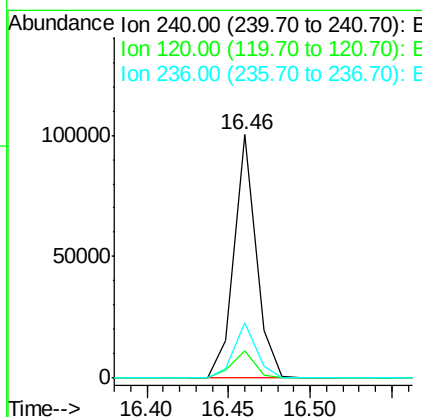
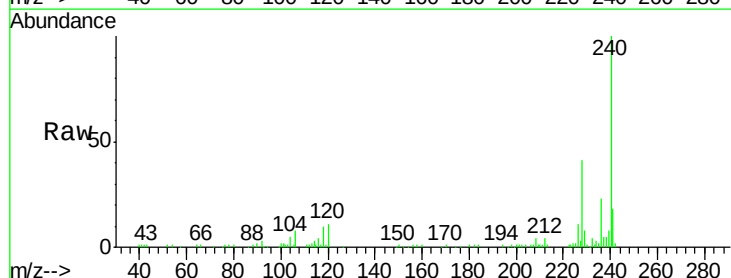
Instrument :
BNA_F
ClientSampleId :
PB79309BS

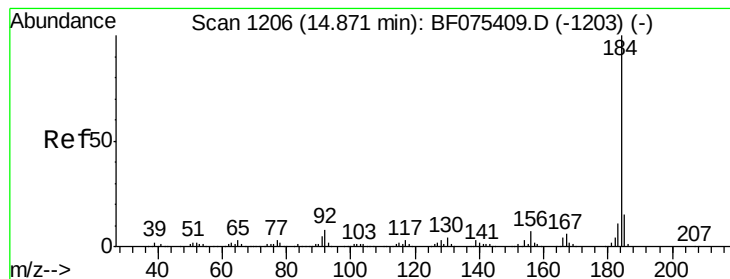
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	234195		
101	10.1	0.0	36.6	
203	16.7	0.0	38.2	



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.46 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF075597.D
Acq: 16 Nov 2014 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	93662		
120	11.3	9.6	14.4	
236	22.7	18.9	28.3	





#76

Benzidine

Concen: 22.24 ng

RT: 14.85 min Scan# 1204

Delta R.T. 0.00 min

Lab File: BF075597.D

Acq: 16 Nov 2014 23:29

Instrument :

BNA_F

ClientSampleId :

PB79309BS

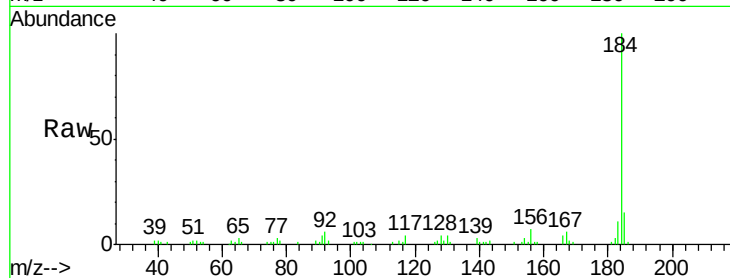
Tgt Ion:184 Resp: 66249

Ion Ratio Lower Upper

184 100

185 14.5 10.9 16.3

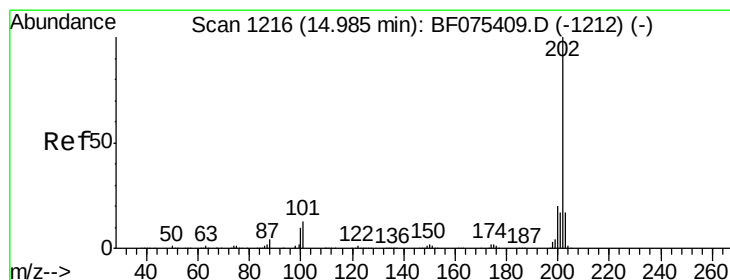
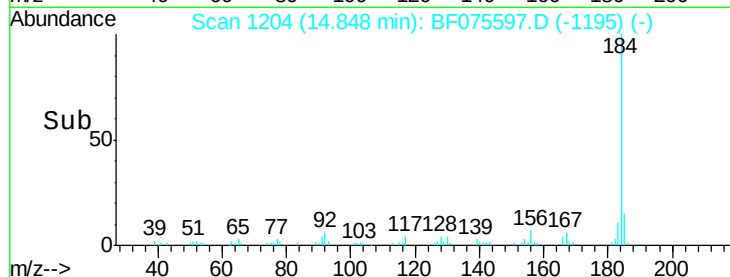
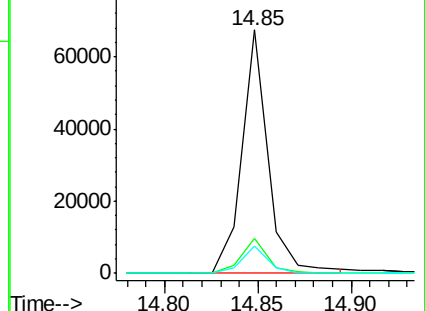
183 11.3 8.7 13.1



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



#77

Pyrene

Concen: 45.13 ng

RT: 14.96 min Scan# 1214

Delta R.T. 0.00 min

Lab File: BF075597.D

Acq: 16 Nov 2014 23:29

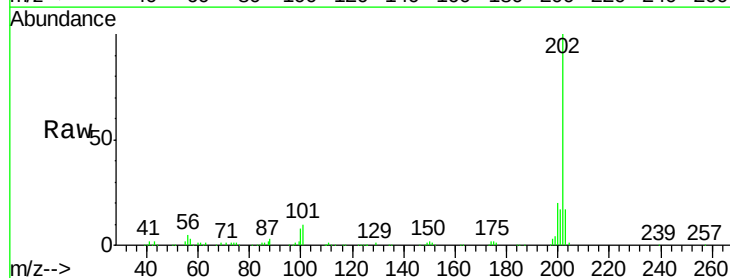
Tgt Ion:202 Resp: 245752

Ion Ratio Lower Upper

202 100

200 20.4 16.8 25.2

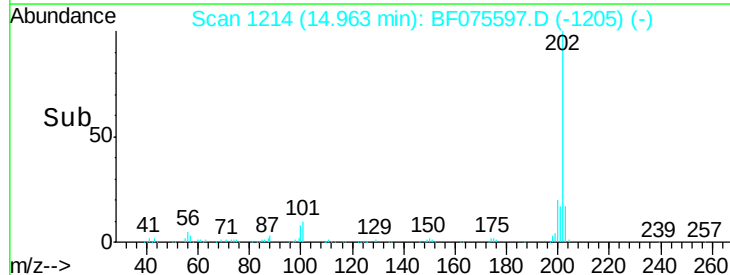
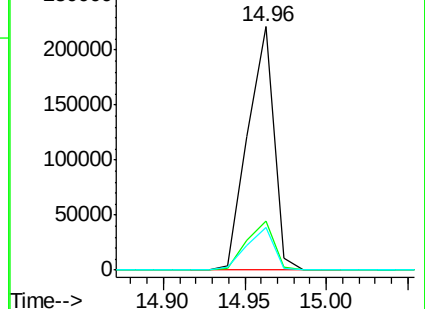
203 17.3 14.3 21.5

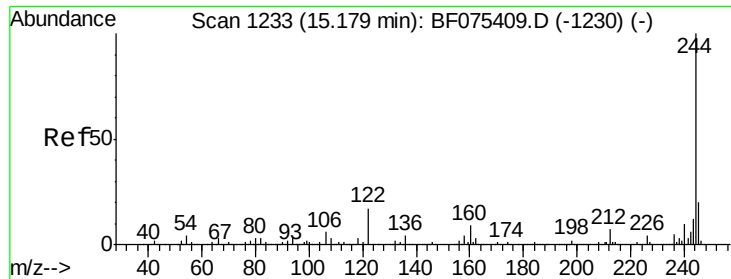


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

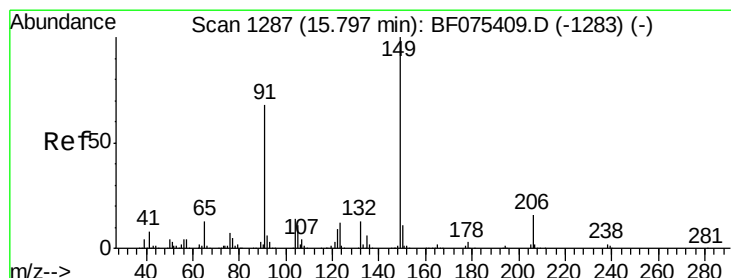
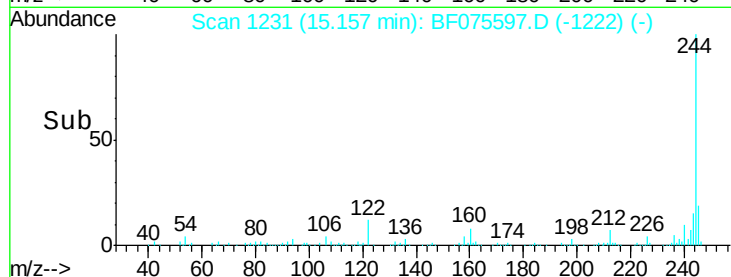
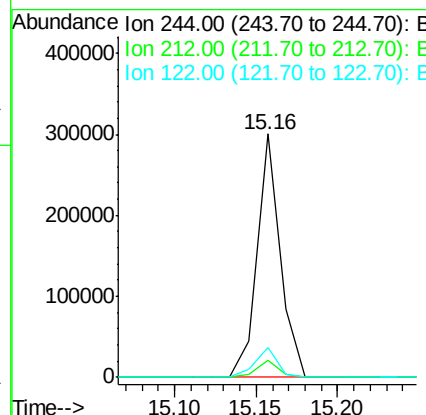
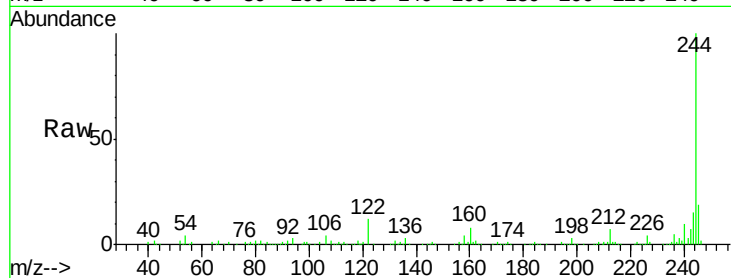




#78
 Terphenyl-d14
 Concen: 84.83 ng
 RT: 15.16 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF075597.D
 Acq: 16 Nov 2014 23:29

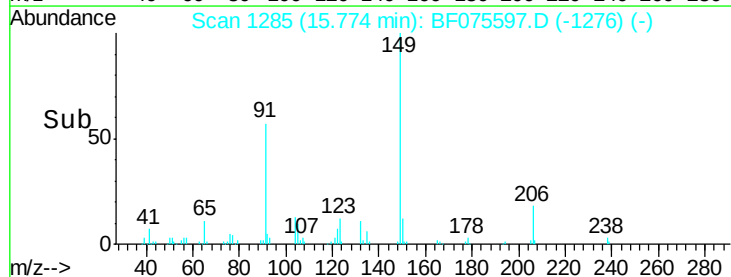
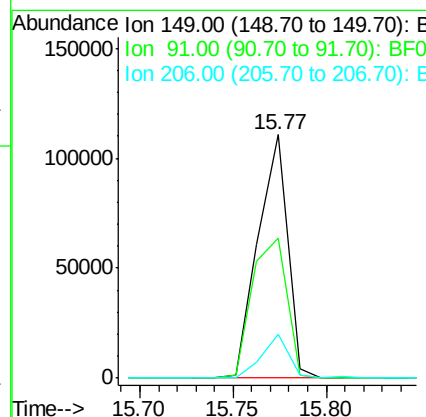
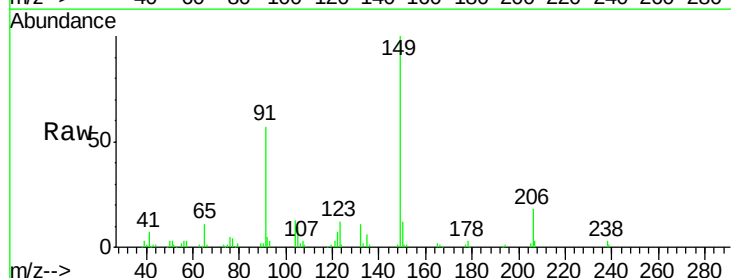
Instrument :
 BNA_F
 ClientSampleId :
 PB79309BS

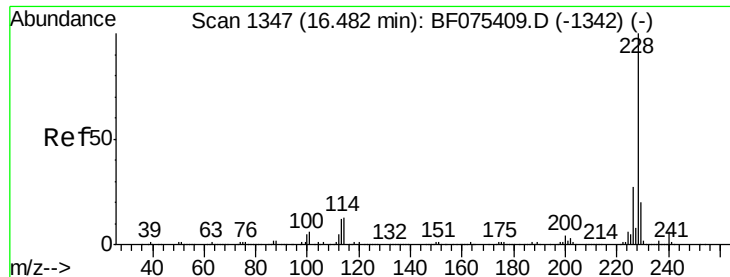
Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.5	8.3
122	12.4	9.7	14.5



#79
 Butylbenzylphthalate
 Concen: 39.78 ng
 RT: 15.77 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: BF075597.D
 Acq: 16 Nov 2014 23:29

Tgt Ion	Ratio	Lower	Upper
149	100		
91	57.4	49.0	73.4
206	18.3	15.5	23.3





#80

Benzo(a)anthracene

Concen: 43.85 ng

RT: 16.45 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF075597.D

Acq: 16 Nov 2014 23:29

Instrument :

BNA_F

ClientSampleId :

PB79309BS

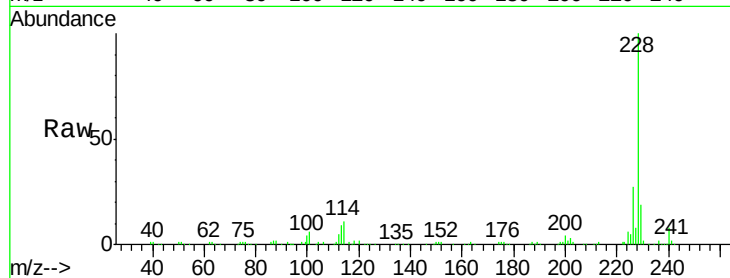
Tgt Ion:228 Resp: 215770

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.8

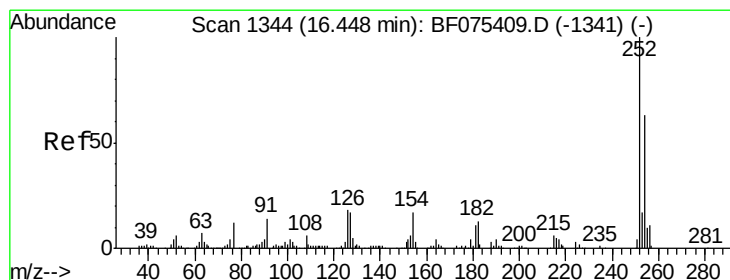
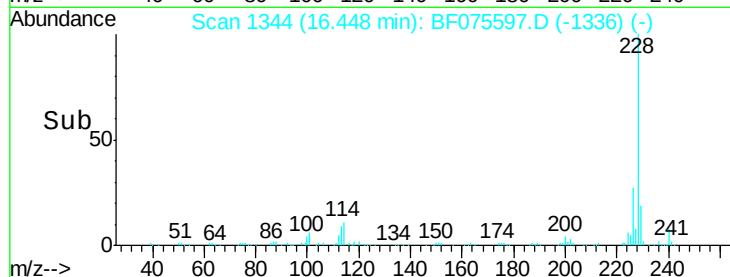
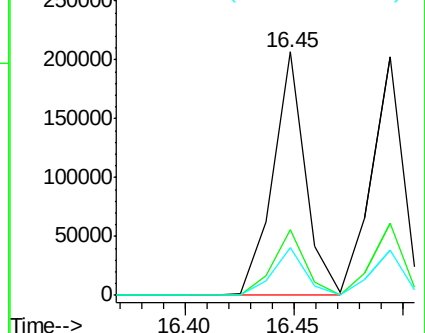
229 19.5 15.3 22.9



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: 23.22 ng

RT: 16.41 min Scan# 1341

Delta R.T. -0.01 min

Lab File: BF075597.D

Acq: 16 Nov 2014 23:29

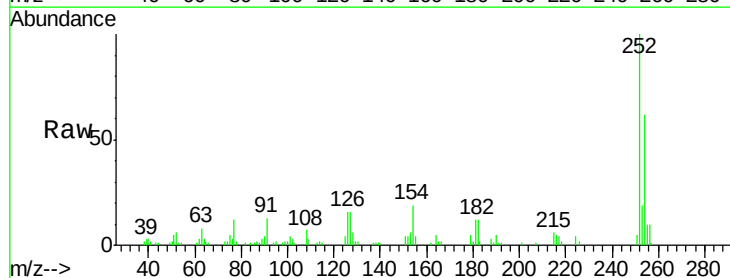
Tgt Ion:252 Resp: 42178

Ion Ratio Lower Upper

252 100

254 62.2 50.0 75.0

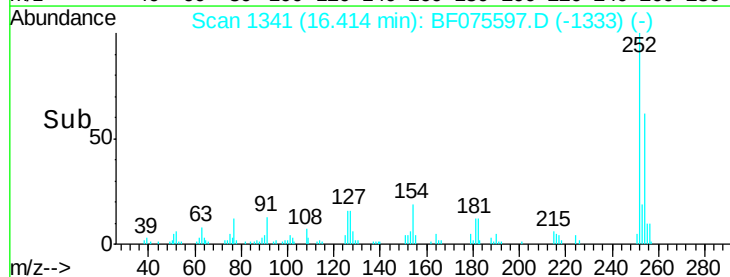
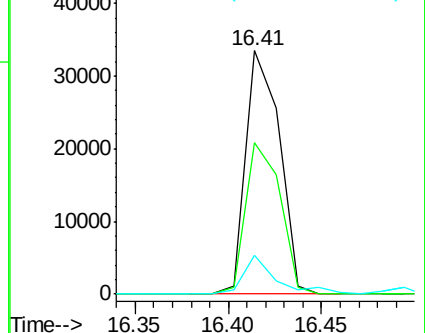
126 16.0 16.0 24.0#

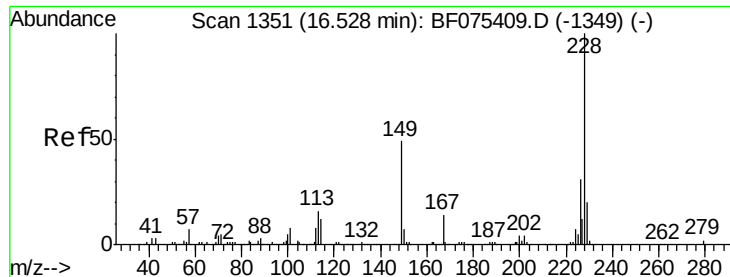


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 47.29 ng

RT: 16.49 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF075597.D

Acq: 16 Nov 2014 23:29

Instrument :

BNA_F

ClientSampleId :

PB79309BS

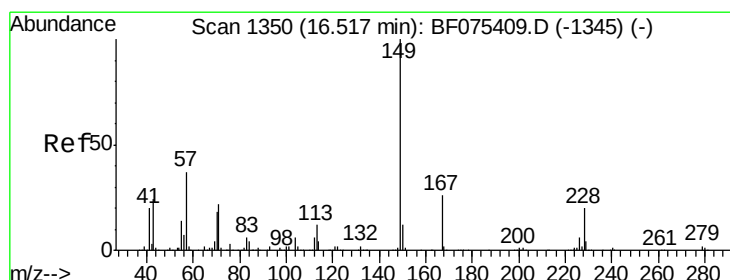
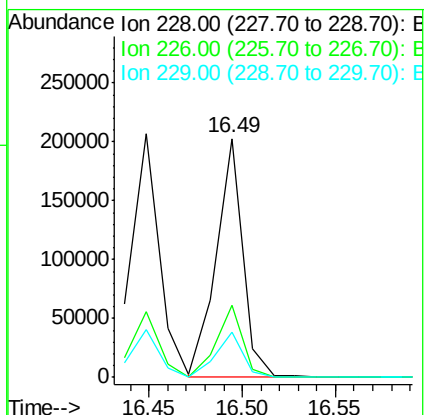
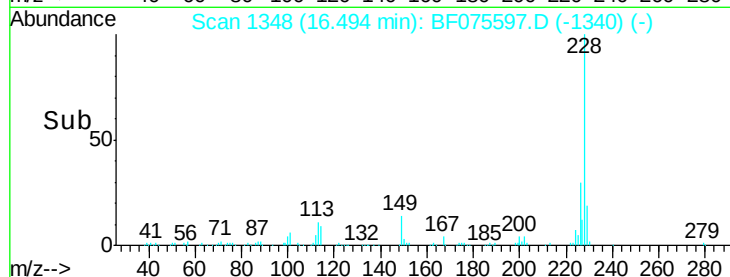
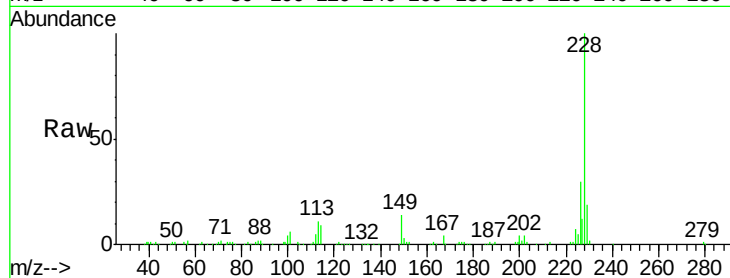
Tgt Ion:228 Resp: 201244

Ion Ratio Lower Upper

228 100

226 30.3 23.8 35.6

229 19.0 15.8 23.6



#83

Bis(2-ethylhexyl)phthalate

Concen: 36.65 ng

RT: 16.48 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BF075597.D

Acq: 16 Nov 2014 23:29

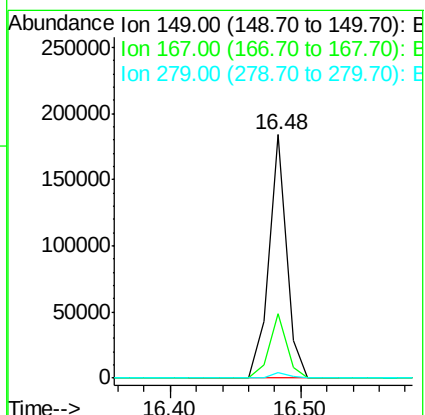
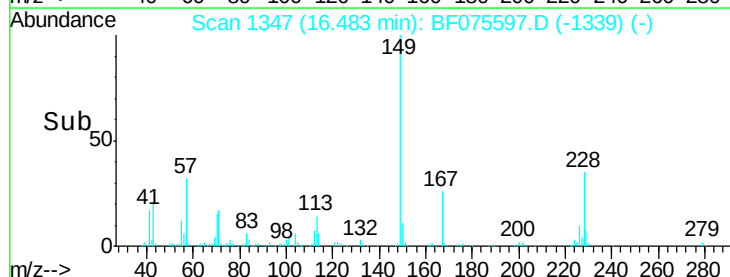
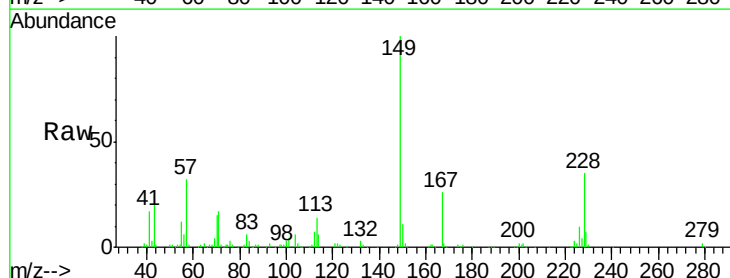
Tgt Ion:149 Resp: 176518

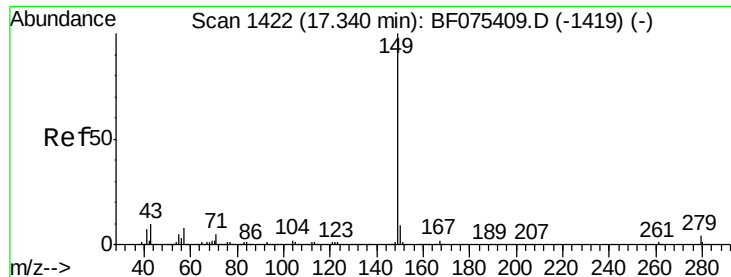
Ion Ratio Lower Upper

149 100

167 26.4 21.4 32.2

279 2.3 2.8 4.2#





#84

Di-n-octyl phthalate

Concen: 37.32 ng

RT: 17.27 min Scan# 1416

Delta R.T. -0.02 min

Lab File: BF075597.D

Acq: 16 Nov 2014 23:29

Instrument :

BNA_F

ClientSampleId :

PB79309BS

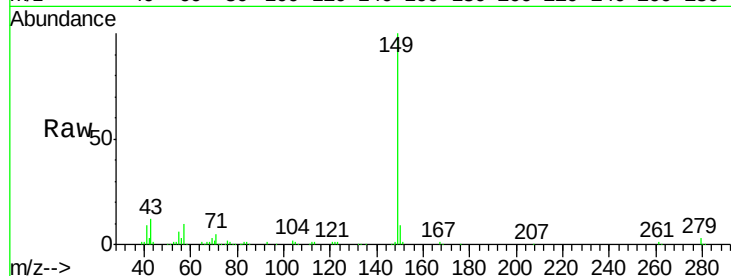
Tgt Ion:149 Resp: 316468

Ion Ratio Lower Upper

149 100

167 1.3 1.1 1.7

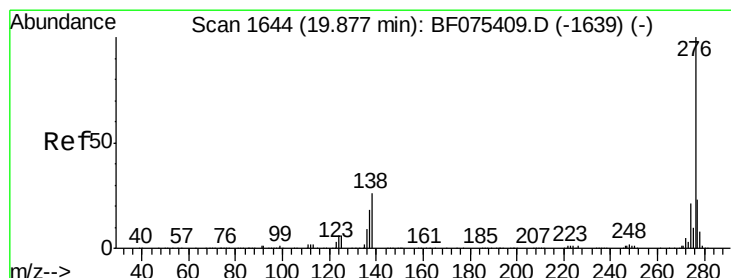
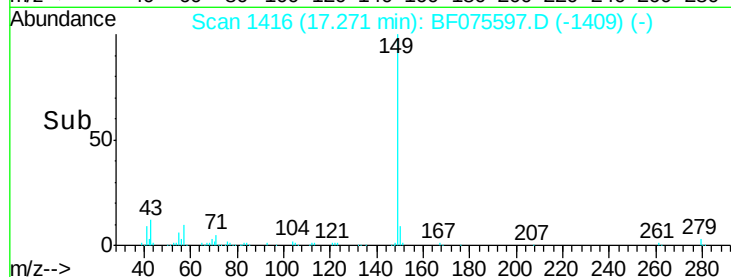
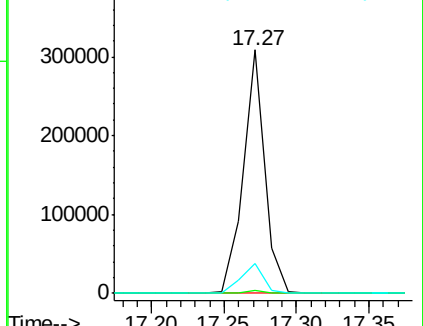
43 13.0 11.0 16.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 43.81 ng

RT: 19.77 min Scan# 1635

Delta R.T. -0.03 min

Lab File: BF075597.D

Acq: 16 Nov 2014 23:29

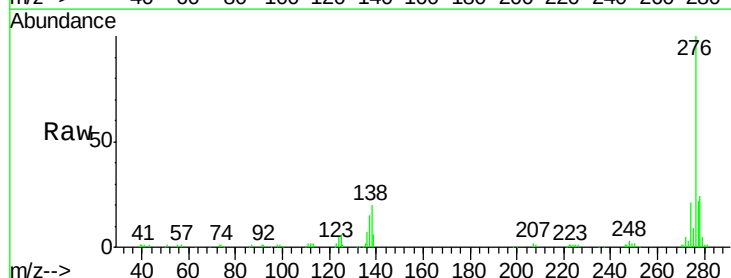
Tgt Ion:276 Resp: 226184

Ion Ratio Lower Upper

276 100

138 28.6 0.0 0.0#

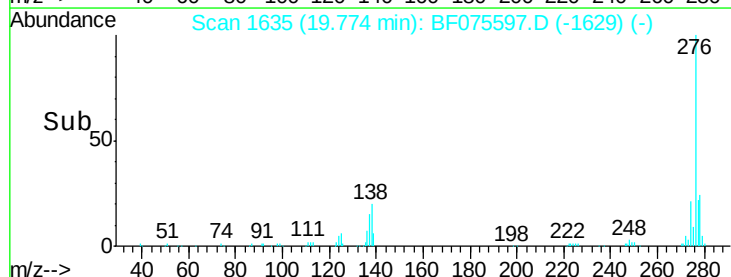
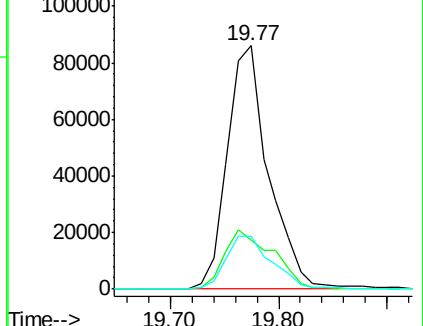
277 24.1 0.0 0.0#

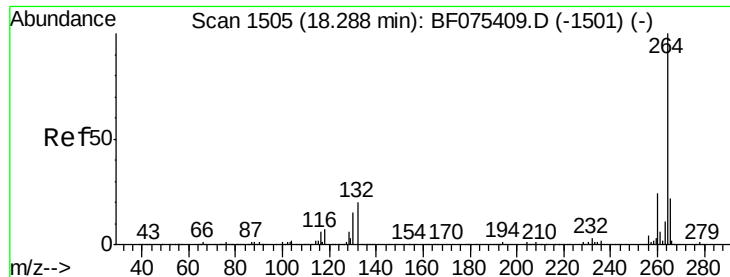


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



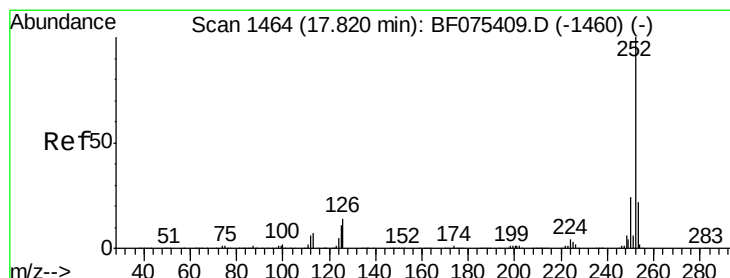
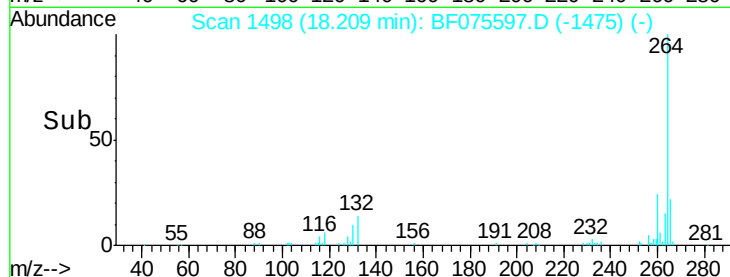
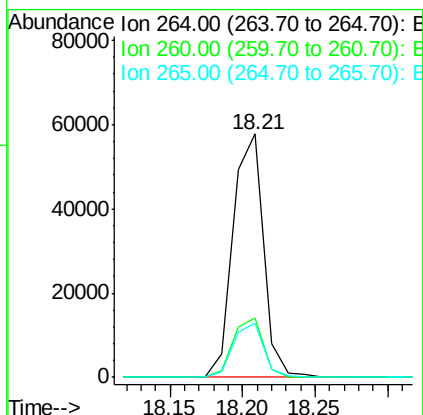
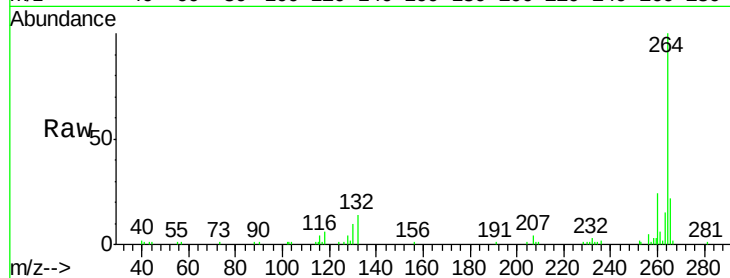


#86
Perylene-d12
Concen: 20.00 ng
RT: 18.21 min Scan# 1498
Delta R.T. -0.03 min
Lab File: BF075597.D
Acq: 16 Nov 2014 23:29

Instrument :
BNA_F
ClientSampleId :
PB79309BS

Tgt Ion: 264 Resp: 83829

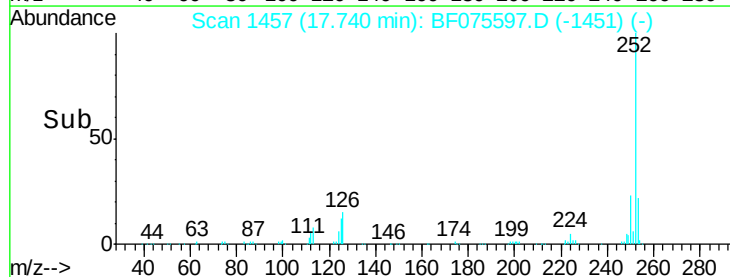
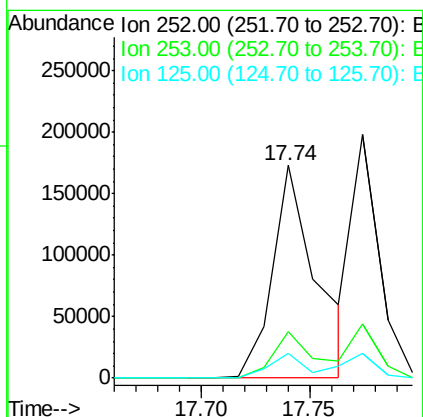
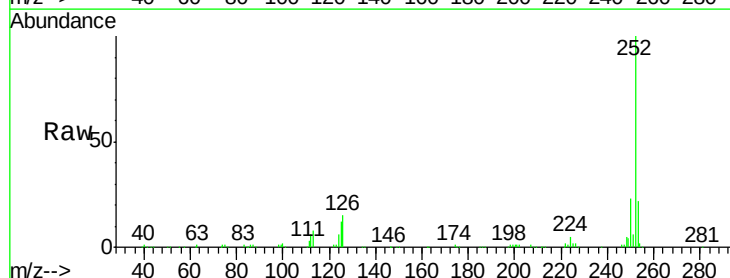
Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.9	26.9
265	22.2	16.3	24.5

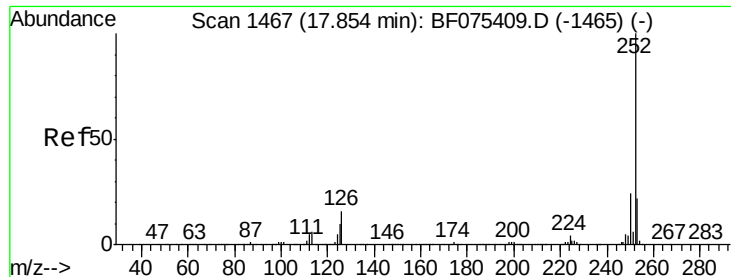


#87
Benzo(b)fluoranthene
Concen: 54.45 ng
RT: 17.74 min Scan# 1457
Delta R.T. -0.03 min
Lab File: BF075597.D
Acq: 16 Nov 2014 23:29

Tgt Ion: 252 Resp: 244041

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	11.9	11.8	17.6





#88

Benzo(k)fluoranthene

Concen: 60.67 ng

RT: 17.74 min Scan# 1457

Delta R.T. -0.07 min

Lab File: BF075597.D

Acq: 16 Nov 2014 23:29

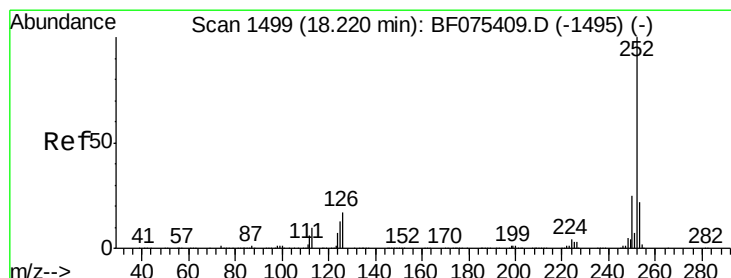
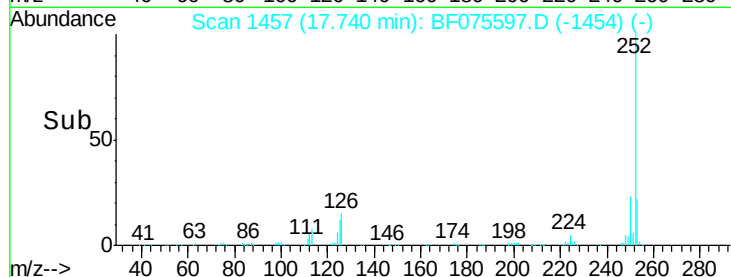
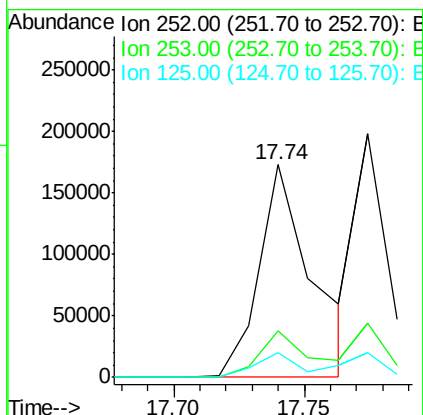
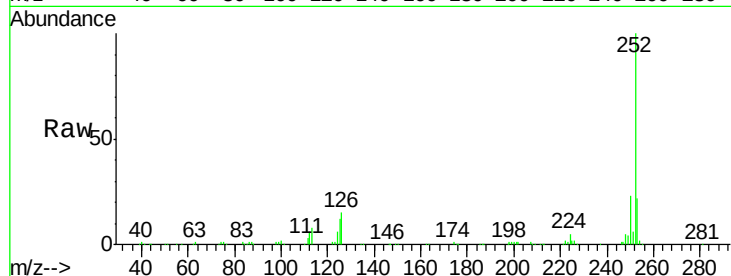
Instrument :

BNA_F

ClientSampled :

PB79309BS

Tgt Ion:	252	Resp:	244029
Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	11.9	11.6	17.4



#89

Benzo(a)pyrene

Concen: 51.77 ng

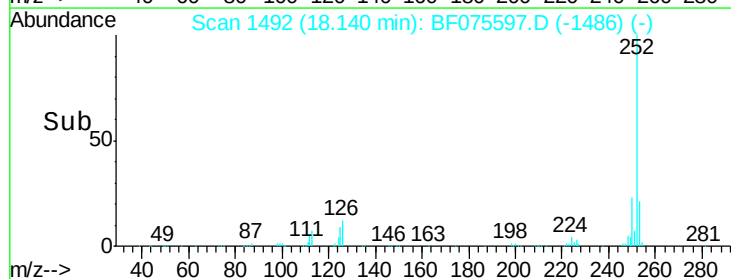
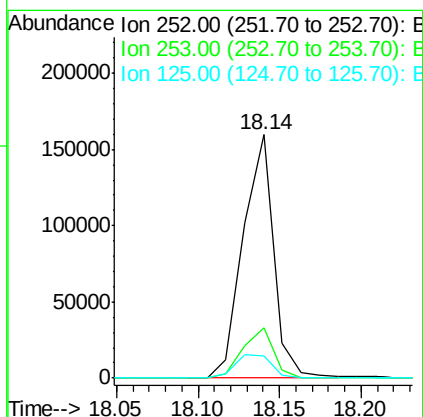
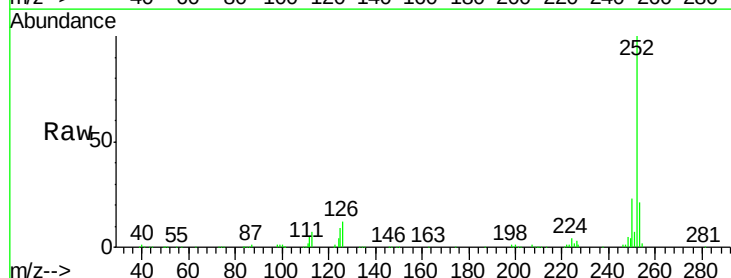
RT: 18.14 min Scan# 1492

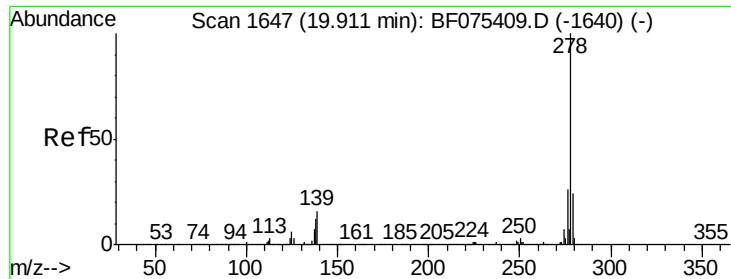
Delta R.T. -0.03 min

Lab File: BF075597.D

Acq: 16 Nov 2014 23:29

Tgt Ion:	252	Resp:	207603
Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.1	25.7
125	9.2	12.2	18.4





#90

Dibenzo(a,h)anthracene

Concen: 49.14 ng

RT: 19.80 min Scan# 1637

Delta R.T. -0.05 min

Lab File: BF075597.D

Acq: 16 Nov 2014 23:29

Instrument :

BNA_F

ClientSampleId :

PB79309BS

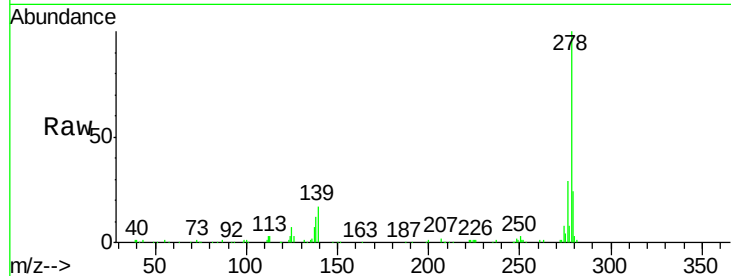
Tgt Ion: 278 Resp: 205800

Ion Ratio Lower Upper

278 100

139 16.8 13.6 20.4

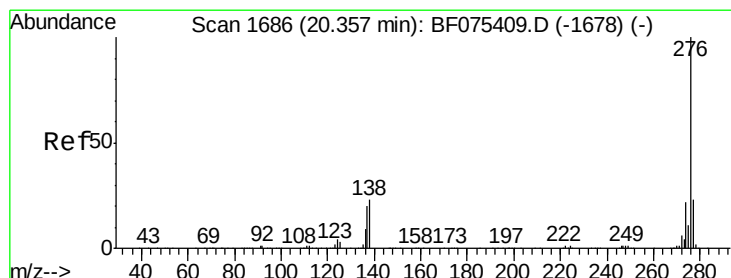
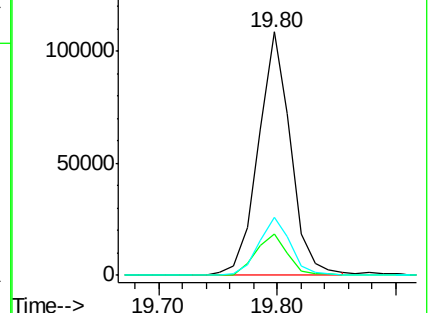
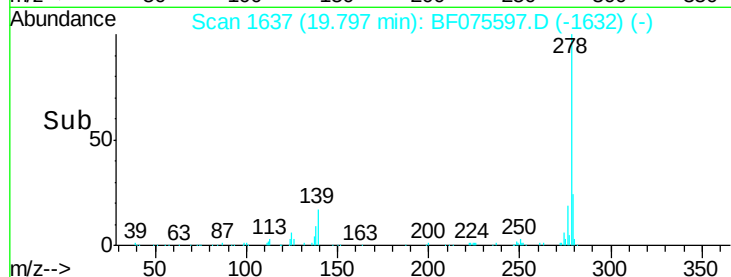
279 23.8 19.4 29.0



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: 46.78 ng

RT: 20.24 min Scan# 1676

Delta R.T. -0.05 min

Lab File: BF075597.D

Acq: 16 Nov 2014 23:29

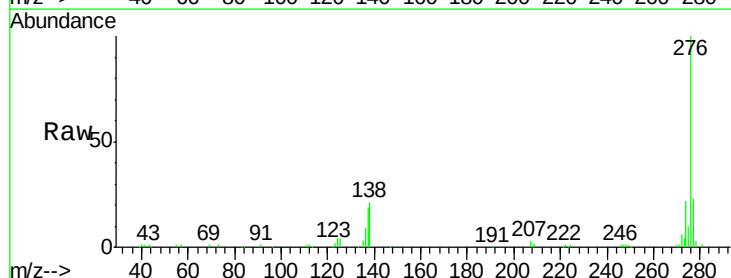
Tgt Ion: 276 Resp: 186655

Ion Ratio Lower Upper

276 100

277 23.0 17.8 26.8

138 21.5 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

