

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075577.D
 Acq On : 16 Nov 2014 11:40
 Operator : TP / JJ
 Sample : F4648-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 REC-2-1(1.5-2.0)MSD

Quant Time: Nov 17 04:36:01 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 04:16:34 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	43823	20.00	ng	0.00
21) Naphthalene-d8	9.13	136	181772	20.00	ng	0.00
38) Acenaphthene-d10	11.32	164	97108	20.00	ng	0.00
63) Phenanthrene-d10	13.17	188	162815	20.00	ng	0.00
75) Chrysene-d12	16.46	240	166917	20.00	ng	-0.02
86) Perylene-d12	18.21	264	169242	20.00	ng	-0.08

System Monitoring Compounds

5) 2-Fluorophenol	5.86	112	467354	188.40	ng	0.01
7) Phenol-d6	7.11	99	567617	190.28	ng	0.00
23) Nitrobenzene-d5	8.25	82	332082	133.94	ng	0.00
41) 2,4,6-Tribromophenol	12.30	330	145221	178.55	ng	-0.01
44) 2-Fluorobiphenyl	10.48	172	654977	121.88	ng	0.00
78) Terphenyl-d14	15.17	244	694305	111.98	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	49111	47.16	ng	97
3) Pyridine	3.28	79	84918	30.35	ng	94
4) n-Nitrosodimethylamine	3.19	42	75169	50.75	ng	84
6) Aniline	7.14	93	98543	22.87	ng	95
8) 2-Chlorophenol	7.29	128	162448	56.58	ng	100
9) Benzaldehyde	7.00	77	8635	4.30	ng	97
10) Phenol	7.13	94	228458	62.78	ng	88
11) bis(2-Chloroethyl)ether	7.24	93	157927	57.30	ng	91
12) 1,3-Dichlorobenzene	7.48	146	165722	52.97	ng	94
13) 1,4-Dichlorobenzene	7.58	146	176616	55.49	ng	95
14) 1,2-Dichlorobenzene	7.76	146	170174	57.02	ng	94
15) Benzyl Alcohol	7.73	79	129610	55.35	ng	88
16) 2,2'-oxybis(1-Chloropropan	7.91	45	329772	57.79	ng	96
17) 2-Methylphenol	7.88	107	129673	54.55	ng	98
18) Hexachloroethane	8.18	117	60864	55.77	ng	# 79
19) n-Nitroso-di-n-propylamine	8.06	70	113498	55.84	ng	# 95
20) 3+4-Methylphenols	8.07	107	176167	56.61	ng	# 70
22) Acetophenone	8.06	105	247501	63.12	ng	# 93
24) Nitrobenzene	8.28	77	171383	59.65	ng	# 84
25) Isophorone	8.57	82	331225	58.51	ng	94
26) 2-Nitrophenol	8.66	139	87328	66.70	ng	# 80
27) 2,4-Dimethylphenol	8.72	122	143013	56.36	ng	98
28) bis(2-Chloroethoxy)methane	8.85	93	209944	60.86	ng	98
29) 2,4-Dichlorophenol	8.96	162	134395	60.46	ng	95
30) 1,2,4-Trichlorobenzene	9.06	180	132116	56.60	ng	# 94
31) Naphthalene	9.17	128	504761	62.29	ng	100
32) Benzoic acid	8.84	122	5487	3.58	ng	94
33) 4-Chloroaniline	9.24	127	95371	27.09	ng	96
34) Hexachlorobutadiene	9.32	225	70174	55.63	ng	96
35) Caprolactam	9.65	113	48498	65.83	ng	# 86
36) 4-Chloro-3-methylphenol	9.84	107	150346	61.64	ng	91
37) 2-Methylnaphthalene	10.02	142	342479	61.94	ng	97
39) 1,2,4,5-Tetrachlorobenzene	10.23	216	126210	63.23	ng	99
40) Hexachlorocyclopentadiene	10.22	237	138515	114.23	ng	95

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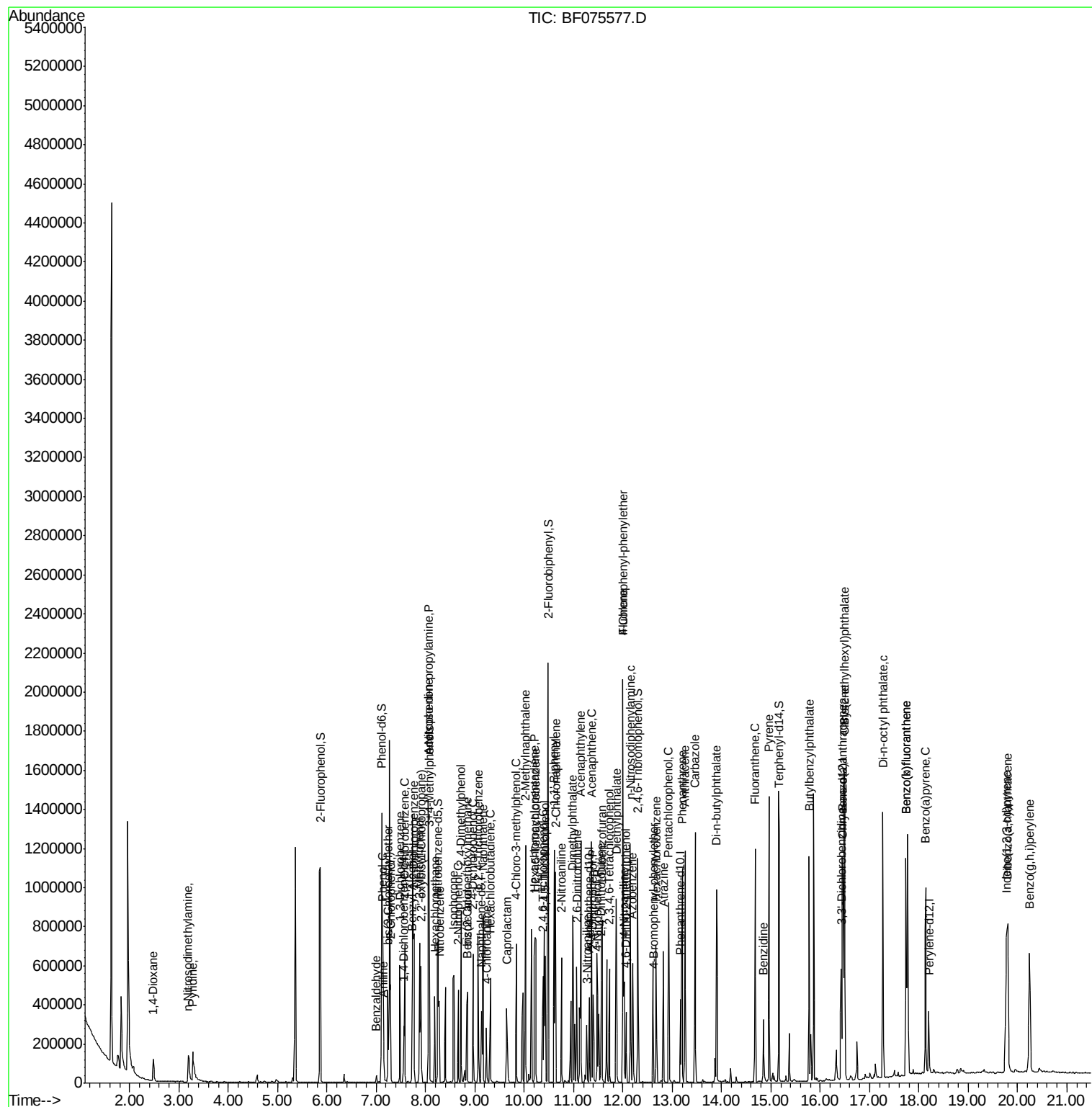
Quant Time: Nov 17 04:36:01 2014
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
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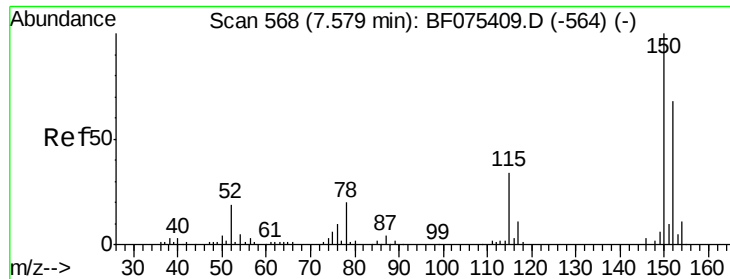
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.38	196	94286	59.40	ng	99
43) 2,4,5-Trichlorophenol	10.42	196	98249	59.43	ng #	94
45) 1,1'-Biphenyl	10.61	154	404191	61.71	ng	97
46) 2-Chloronaphthalene	10.63	162	321956	62.86	ng	95
47) 2-Nitroaniline	10.76	65	103504	67.17	ng #	78
48) Acenaphthylene	11.14	152	541583	64.13	ng	99
49) Dimethylphthalate	10.98	163	387771	58.42	ng	98
50) 2,6-Dinitrotoluene	11.06	165	84102	64.32	ng #	68
51) Acenaphthene	11.36	154	306689	60.17	ng	98
52) 3-Nitroaniline	11.27	138	71105	46.12	ng #	79
53) 2,4-Dinitrophenol	11.40	184	64418	85.40	ng	82
54) Dibenzofuran	11.58	168	436400	59.90	ng	90
55) 4-Nitrophenol	11.49	139	157055	127.43	ng #	59
56) 2,4-Dinitrotoluene	11.56	165	109259	63.61	ng #	70
57) Fluorene	12.00	166	350839	59.55	ng	100
58) 2,3,4,6-Tetrachlorophenol	11.73	232	78490	59.81	ng #	94
59) Diethylphthalate	11.86	149	370292	53.75	ng	99
60) 4-Chlorophenyl-phenylether	12.00	204	142953	56.43	ng	99
61) 4-Nitroaniline	12.02	138	89749	58.23	ng	85
62) Azobenzene	12.20	77	341646	56.37	ng	96
64) 4,6-Dinitro-2-methylphenol	12.06	198	49325	59.90	ng #	44
65) n-Nitrosodiphenylamine	12.15	169	297310	57.73	ng	99
66) 4-Bromophenyl-phenylether	12.62	248	88499	57.78	ng	95
67) Hexachlorobenzene	12.68	284	104260	59.94	ng	94
68) Atrazine	12.82	200	97667	61.11	ng	96
69) Pentachlorophenol	12.93	266	109363	100.17	ng	97
70) Phenanthrene	13.20	178	543763	63.46	ng	99
71) Anthracene	13.26	178	530532	59.90	ng	99
72) Carbazole	13.47	167	538558	62.14	ng	99
73) Di-n-butylphthalate	13.90	149	629876	52.62	ng #	99
74) Fluoranthene	14.68	202	566057	61.68	ng	100
76) Benzidine	14.85	184	133589	25.17	ng	99
77) Pyrene	14.96	202	592289	61.04	ng	100
79) Butylbenzylphthalate	15.77	149	299828	55.02	ng	96
80) Benzo(a)anthracene	16.45	228	537994	61.35	ng	99
81) 3,3'-Dichlorobenzidine	16.43	252	152335	47.05	ng #	90
82) Chrysene	16.49	228	484194	63.84	ng	99
83) Bis(2-ethylhexyl)phthalate	16.48	149	420480	48.98	ng #	98
84) Di-n-octyl phthalate	17.27	149	755290	49.98	ng	97
85) Indeno(1,2,3-cd)pyrene	19.77	276	407378	44.28	ng #	100
87) Benzo(b)fluoranthene	17.74	252	624100	68.97	ng	99
88) Benzo(k)fluoranthene	17.74	252	624100	76.85	ng	99
89) Benzo(a)pyrene	18.14	252	524687	64.80	ng #	96
90) Dibenzo(a,h)anthracene	19.80	278	525793	62.19	ng #	95
91) Benzo(g,h,i)perylene	20.24	276	515623	64.01	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.56 min Scan# 566

Delta R.T. -0.00 min

Lab File: BF075577.D

Acq: 16 Nov 2014 11:40

Instrument :

BNA_F

ClientSampleId :

REC-2-1(1.5-2.0)MSD

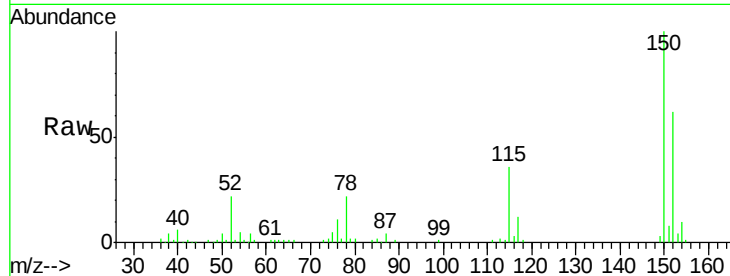
Tgt Ion:152 Resp: 43823

Ion Ratio Lower Upper

152 100

150 161.8 127.2 190.8

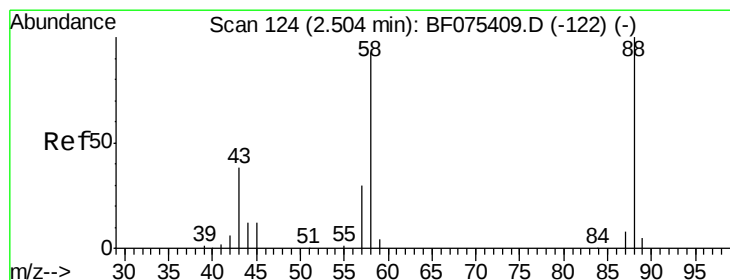
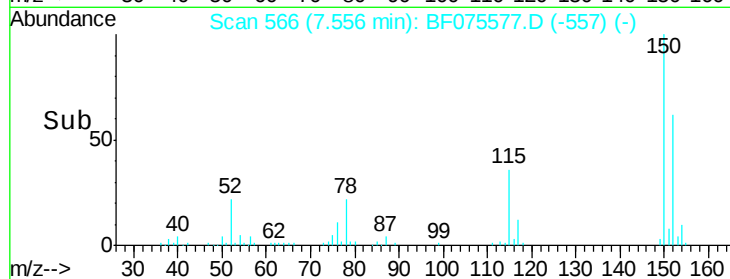
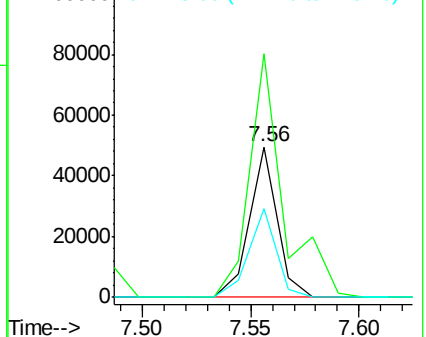
115 58.8 57.1 85.7



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: 47.16 ng

RT: 2.48 min Scan# 122

Delta R.T. 0.02 min

Lab File: BF075577.D

Acq: 16 Nov 2014 11:40

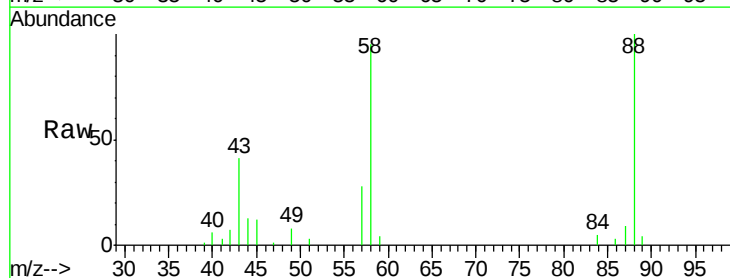
Tgt Ion: 88 Resp: 49111

Ion Ratio Lower Upper

88 100

58 91.2 73.5 110.3

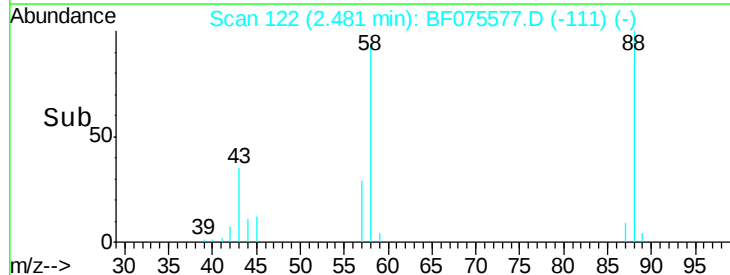
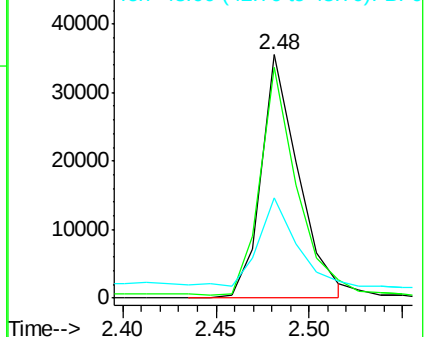
43 34.8 31.9 47.9

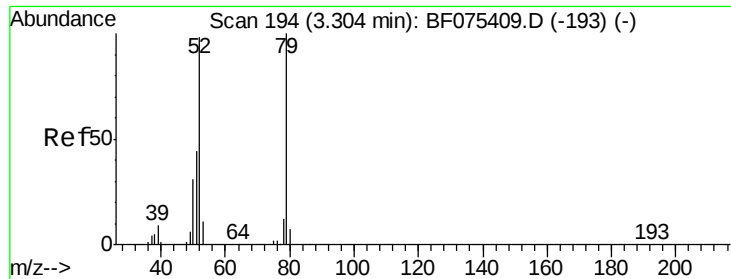


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 30.35 ng

RT: 3.28 min Scan# 192

Delta R.T. 0.02 min

Lab File: BF075577.D

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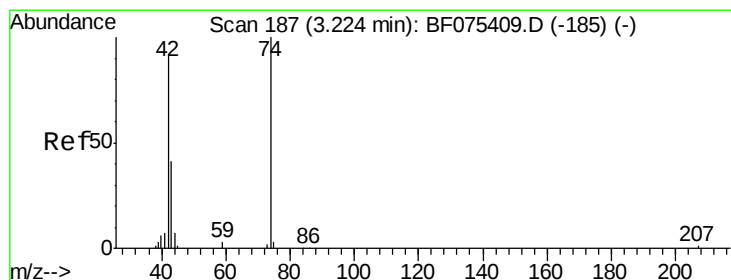
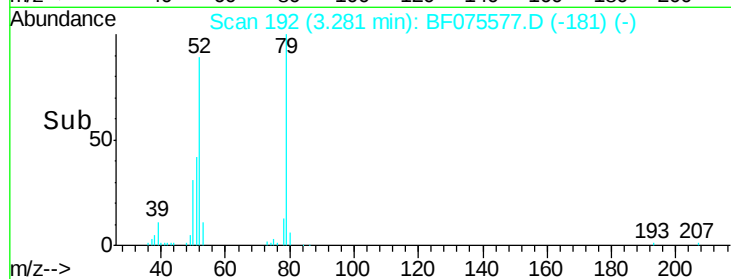
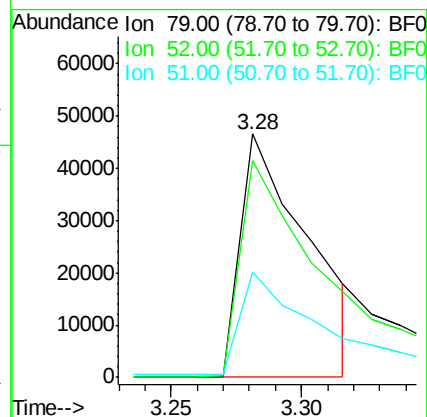
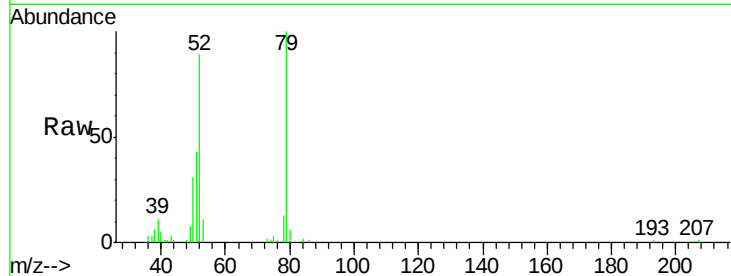
Tgt Ion: 79 Resp: 84918

Ion Ratio Lower Upper

79 100

52 88.9 76.6 115.0

51 43.4 37.0 55.4



#4

n-Nitrosodimethylamine

Concen: 50.75 ng

RT: 3.19 min Scan# 184

Delta R.T. 0.01 min

Lab File: BF075577.D

Acq: 16 Nov 2014 11:40

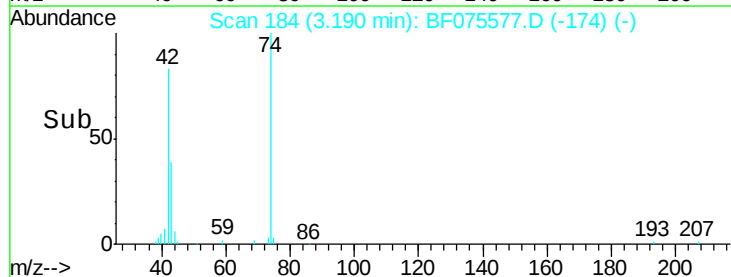
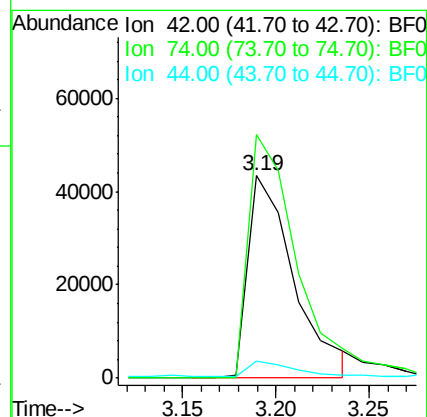
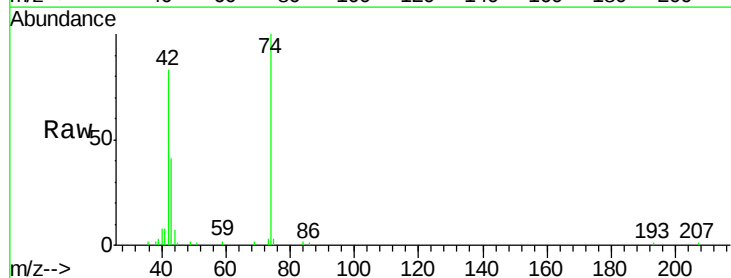
Tgt Ion: 42 Resp: 75169

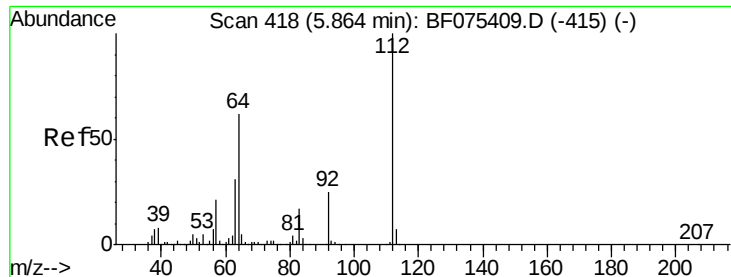
Ion Ratio Lower Upper

42 100

74 120.5 82.4 123.6

44 8.5 8.2 12.4





#5

2-Fluorophenol

Concen: 188.40 ng

RT: 5.86 min Scan# 418

Delta R.T. 0.01 min

Lab File: BF075577.D

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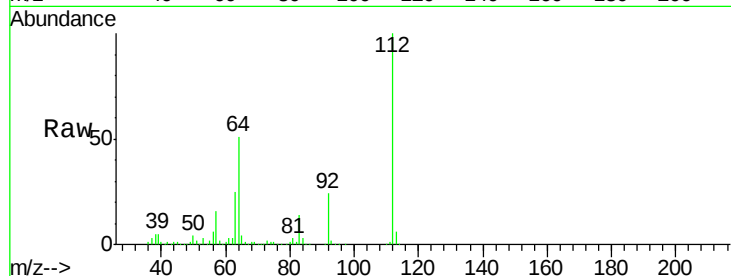
Tgt Ion: 112 Resp: 467354

Ion Ratio Lower Upper

112 100

64 51.0 45.8 68.6

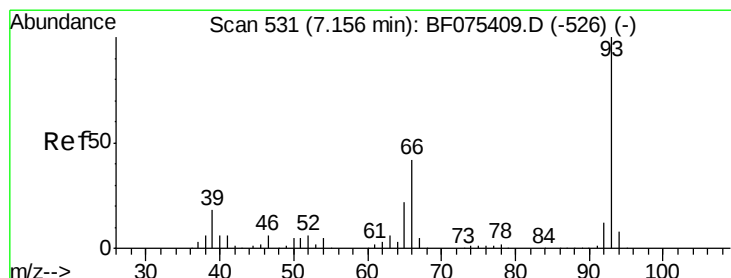
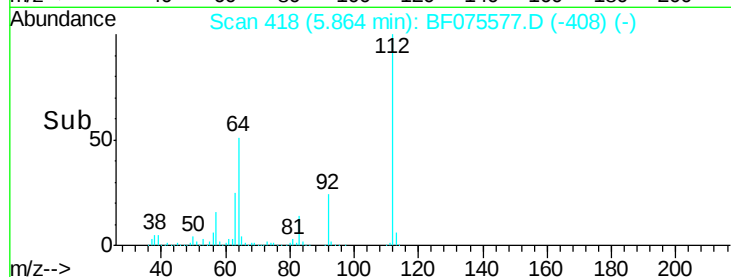
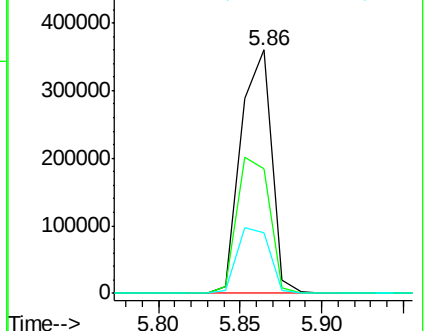
63 24.8 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 22.87 ng

RT: 7.14 min Scan# 530

Delta R.T. -0.00 min

Lab File: BF075577.D

Acq: 16 Nov 2014 11:40

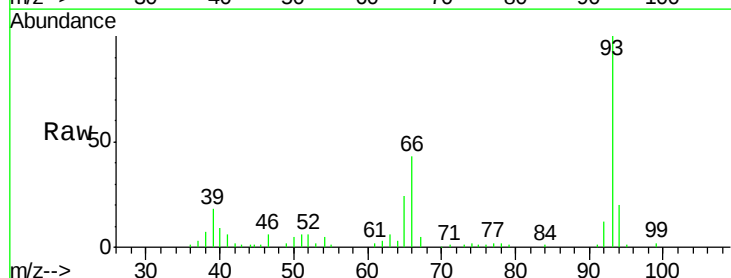
Tgt Ion: 93 Resp: 98543

Ion Ratio Lower Upper

93 100

66 42.6 31.8 47.8

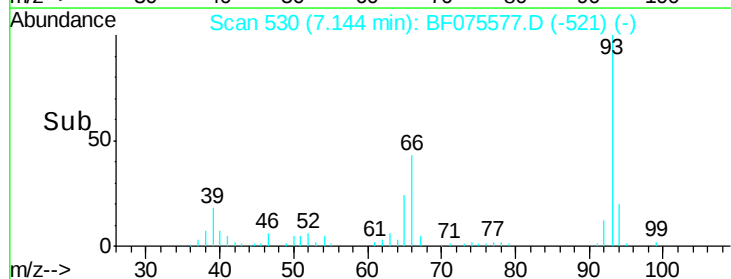
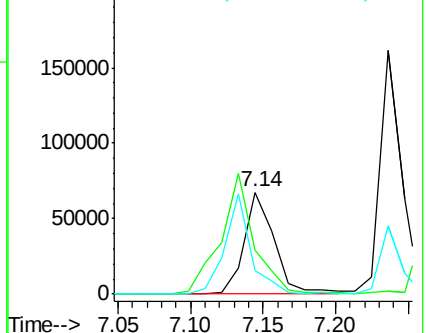
65 23.6 16.6 25.0

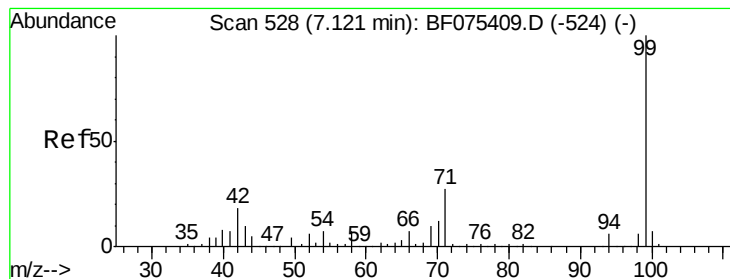


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 190.28 ng

RT: 7.11 min Scan# 527

Delta R.T. -0.00 min

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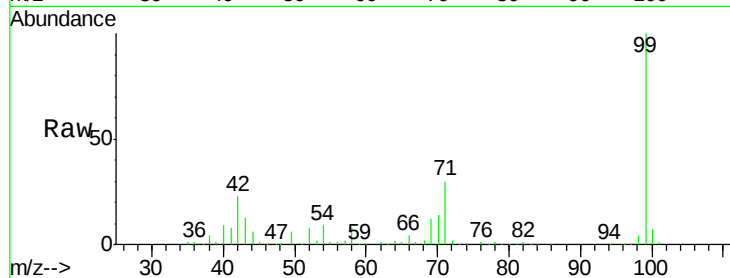
Tgt Ion: 99 Resp: 567617

Ion Ratio Lower Upper

99 100

42 22.8 19.8 29.6

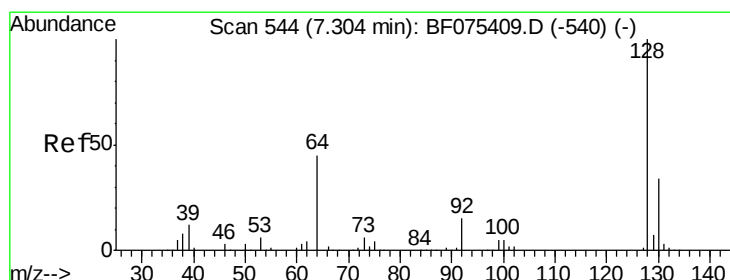
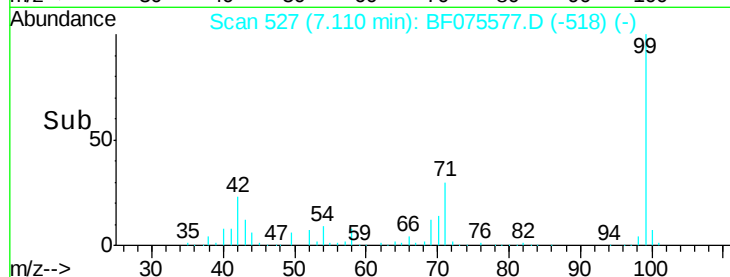
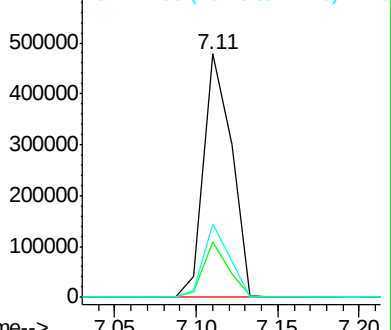
71 30.3 25.5 38.3



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: 56.58 ng

RT: 7.29 min Scan# 543

Delta R.T. -0.00 min

Lab File: BF075577.D

Acq: 16 Nov 2014 11:40

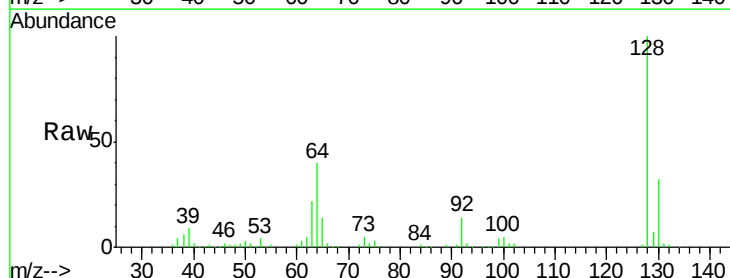
Tgt Ion: 128 Resp: 162448

Ion Ratio Lower Upper

128 100

130 32.4 12.7 52.7

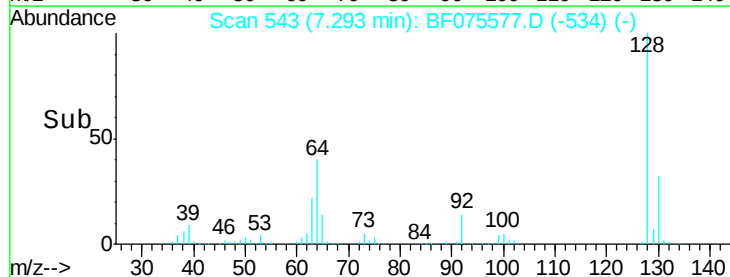
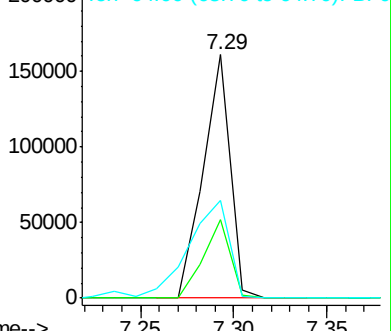
64 40.3 20.3 60.3

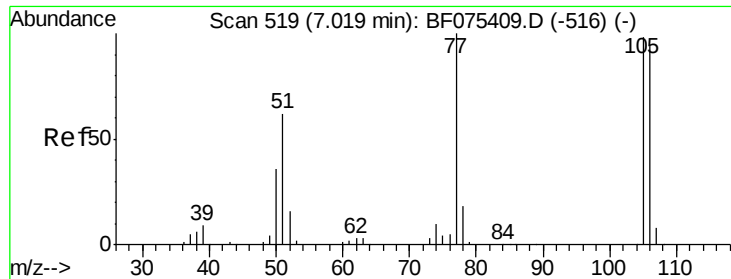


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 4.30 ng

RT: 7.00 min Scan# 517

Delta R.T. -0.01 min

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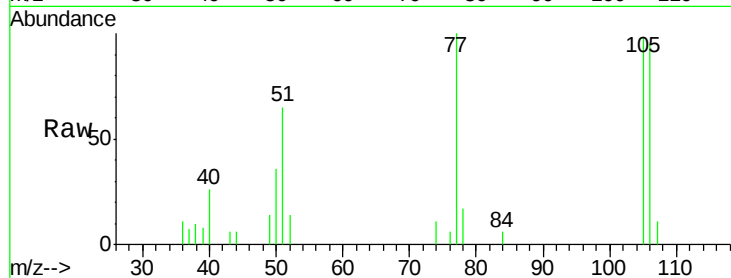
Tgt Ion: 77 Resp: 8635

Ion Ratio Lower Upper

77 100

105 97.7 81.6 121.6

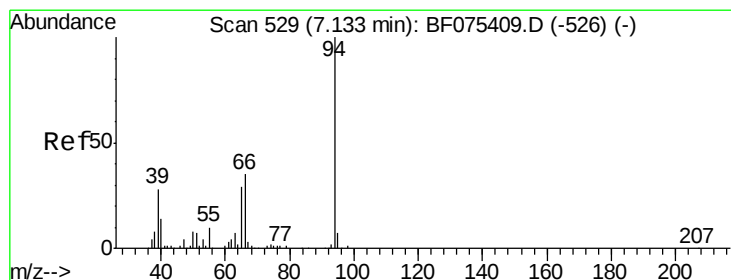
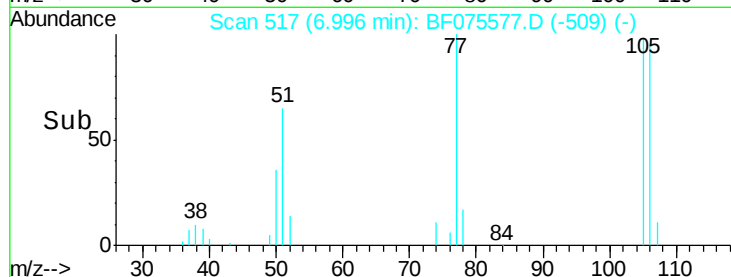
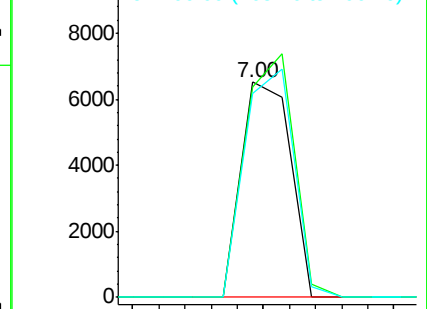
106 94.8 77.5 117.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 62.78 ng

RT: 7.13 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF075577.D

Acq: 16 Nov 2014 11:40

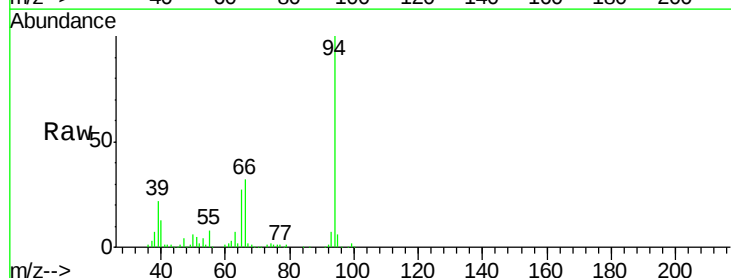
Tgt Ion: 94 Resp: 228458

Ion Ratio Lower Upper

94 100

65 26.8 13.1 53.1

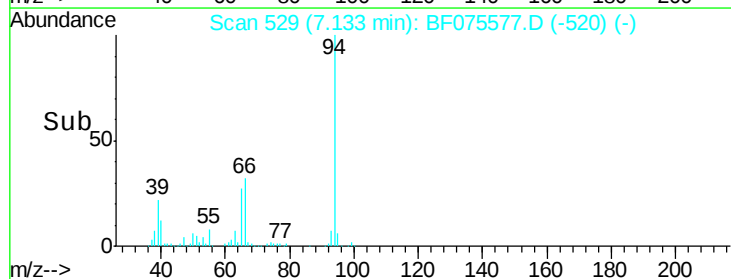
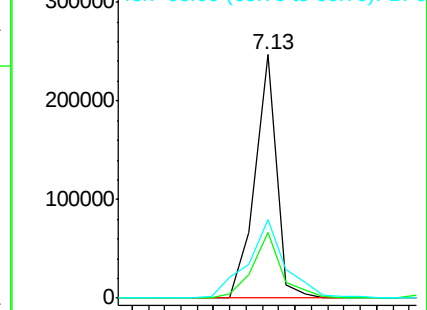
66 32.3 20.8 60.8

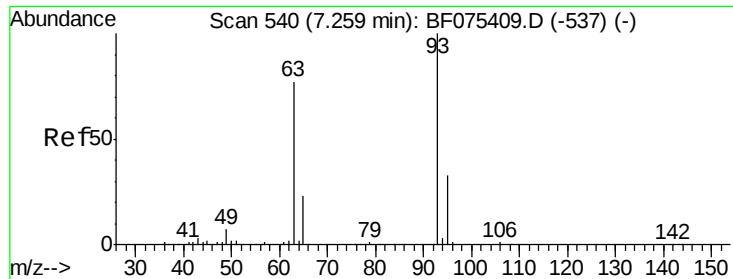


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

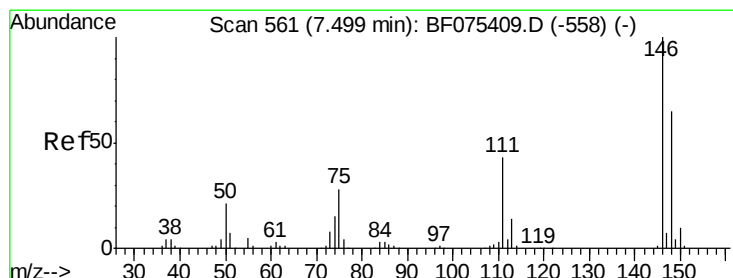
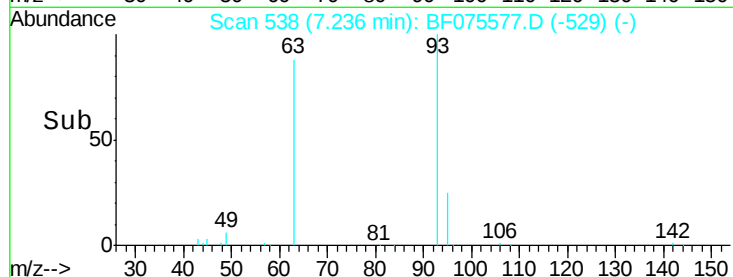
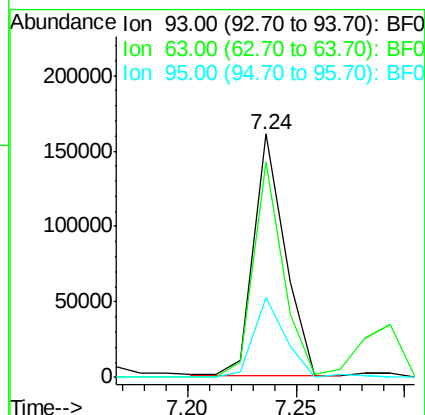
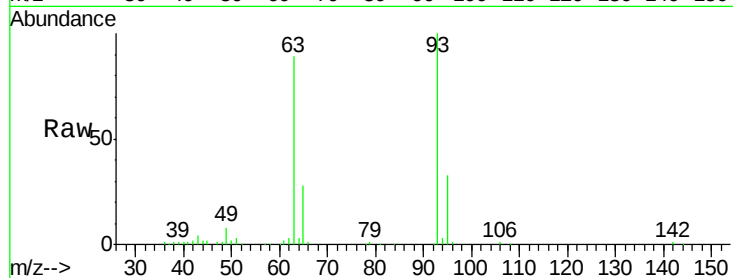




#11
bis(2-Chloroethyl)ether
Concen: 57.30 ng
RT: 7.24 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF075577.D
Acq: 16 Nov 2014 11:40

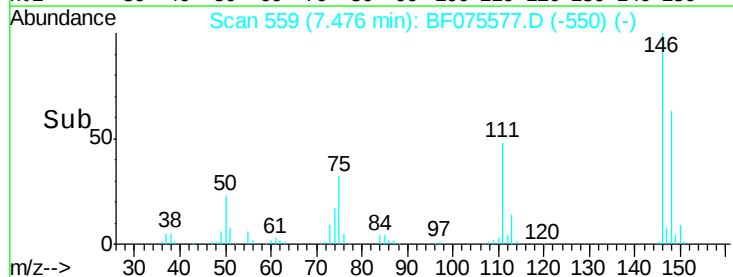
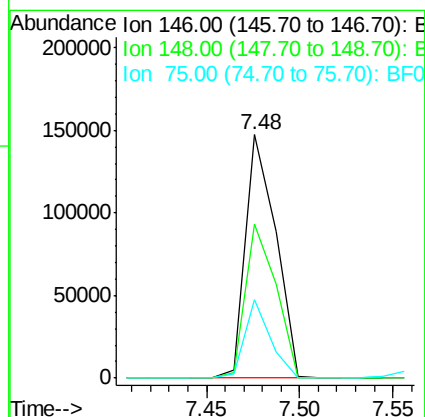
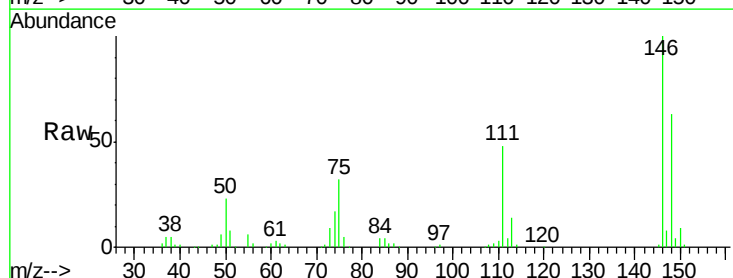
Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MSD

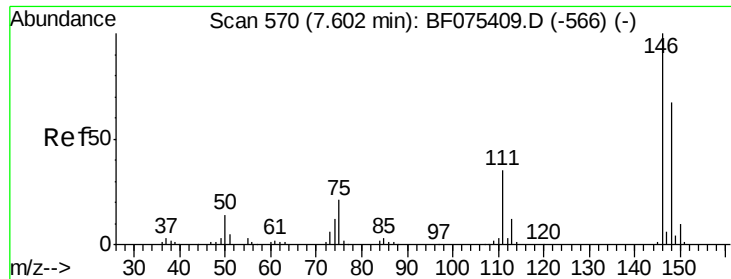
Tgt Ion: 93 Resp: 157927
Ion Ratio Lower Upper
93 100
63 88.7 79.8 119.8
95 32.5 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 52.97 ng
RT: 7.48 min Scan# 559
Delta R.T. -0.00 min
Lab File: BF075577.D
Acq: 16 Nov 2014 11:40

Tgt Ion: 146 Resp: 165722
Ion Ratio Lower Upper
146 100
148 63.4 53.1 79.7
75 32.0 21.5 32.3

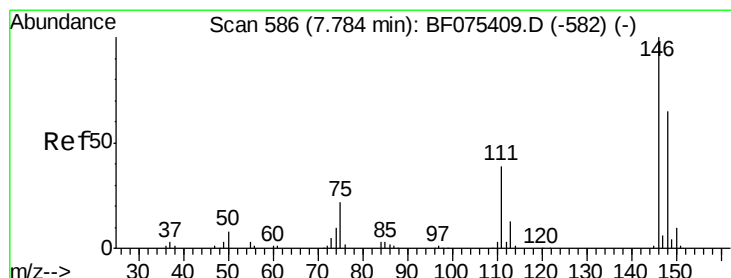
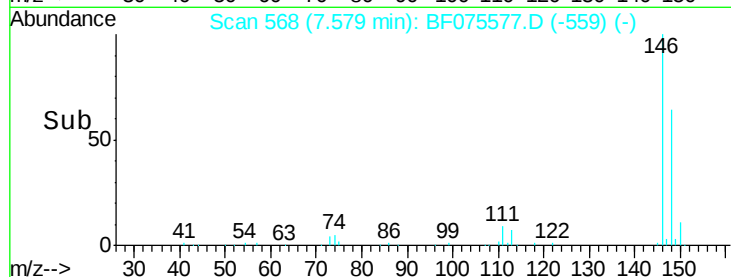
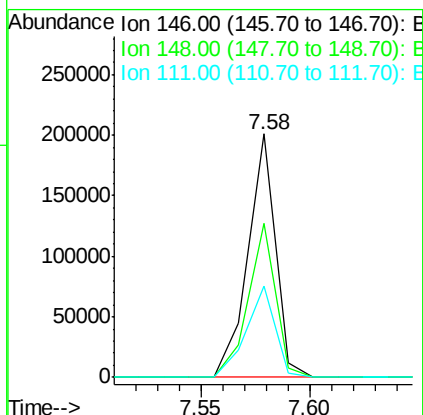
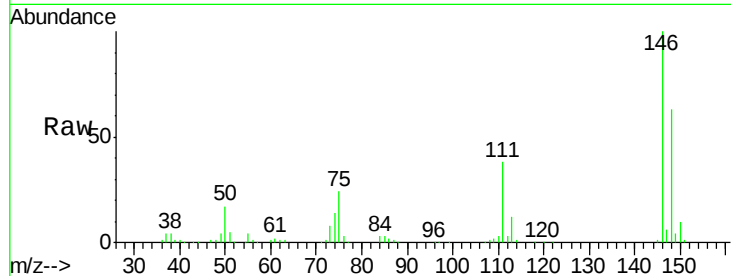




#13
 1,4-Dichlorobenzene
 Concen: 55.49 ng
 RT: 7.58 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: BF075577.D
 Acq: 16 Nov 2014 11:40

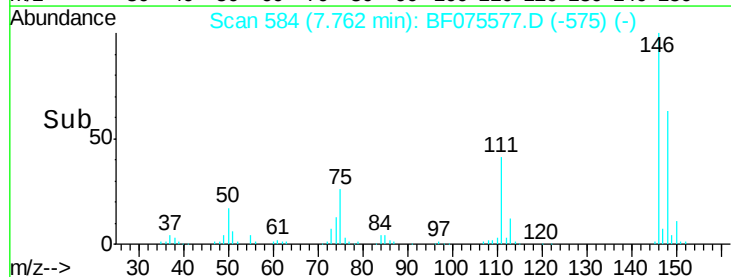
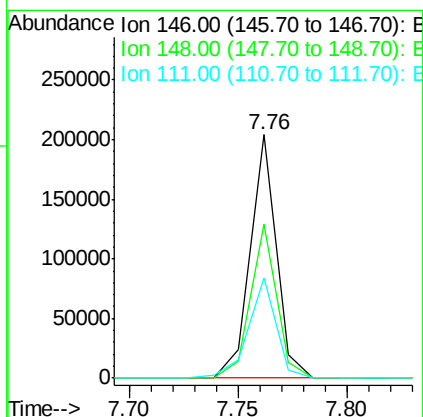
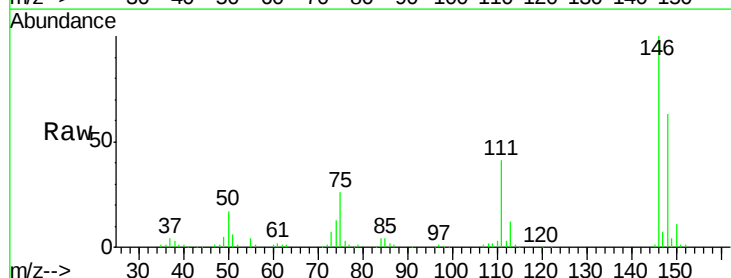
Instrument :
 BNA_F
 ClientSampleId :
 REC-2-1(1.5-2.0)MSD

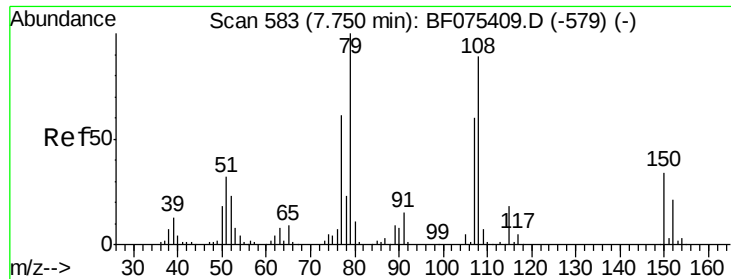
Tgt Ion:146 Resp: 176616
 Ion Ratio Lower Upper
 146 100
 148 63.5 49.9 74.9
 111 37.7 35.8 53.6



#14
 1,2-Dichlorobenzene
 Concen: 57.02 ng
 RT: 7.76 min Scan# 584
 Delta R.T. -0.00 min
 Lab File: BF075577.D
 Acq: 16 Nov 2014 11:40

Tgt Ion:146 Resp: 170174
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.7 76.1
 111 41.0 39.9 59.9





#15

Benzyl Alcohol

Concen: 55.35 ng

RT: 7.73 min Scan# 581

Delta R.T. -0.01 min

Lab File: BF075577.D

Acq: 16 Nov 2014 11:40

Instrument :

BNA_F

ClientSampleId :

REC-2-1(1.5-2.0)MSD

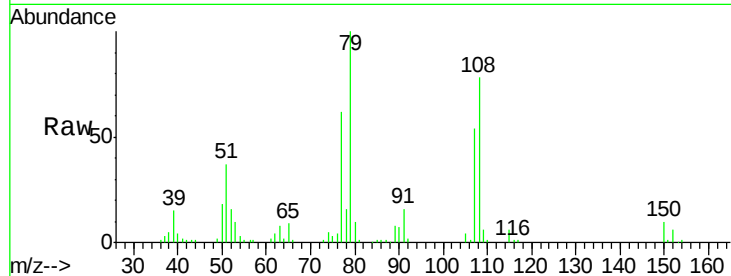
Tgt Ion: 79 Resp: 129610

Ion Ratio Lower Upper

79 100

108 78.0 75.5 113.3

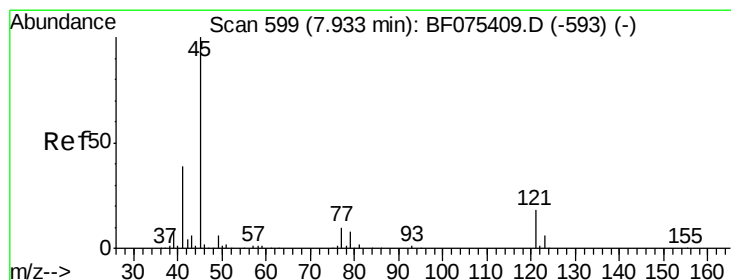
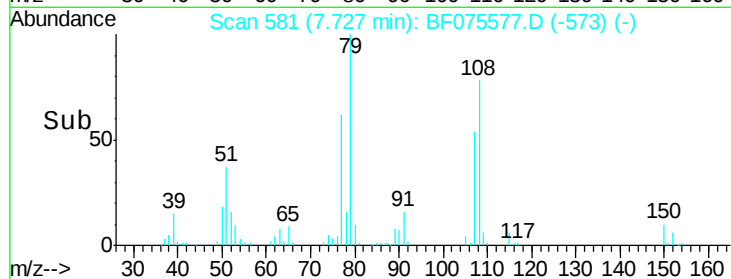
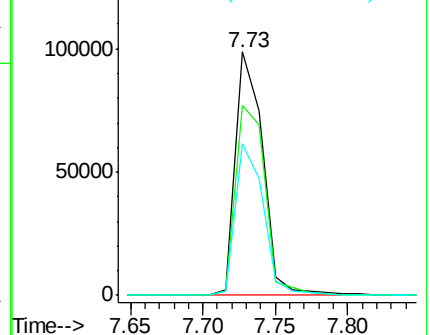
77 62.0 52.1 78.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 57.79 ng

RT: 7.91 min Scan# 597

Delta R.T. -0.00 min

Lab File: BF075577.D

Acq: 16 Nov 2014 11:40

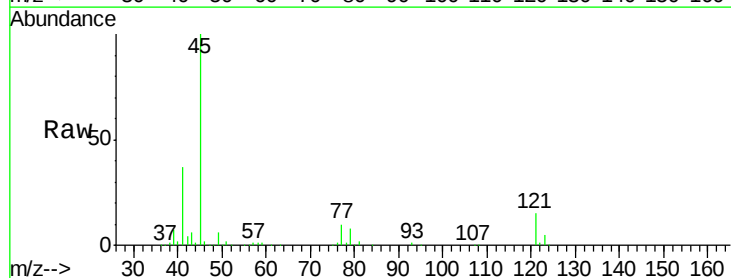
Tgt Ion: 45 Resp: 329772

Ion Ratio Lower Upper

45 100

77 9.5 0.0 28.6

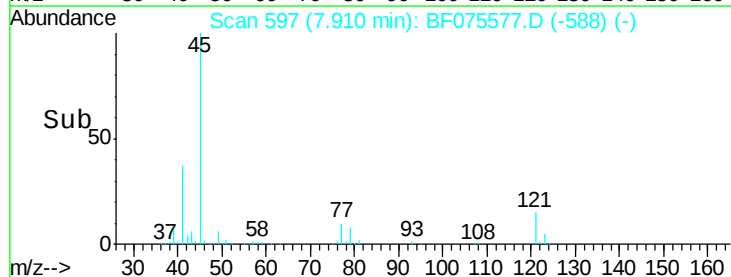
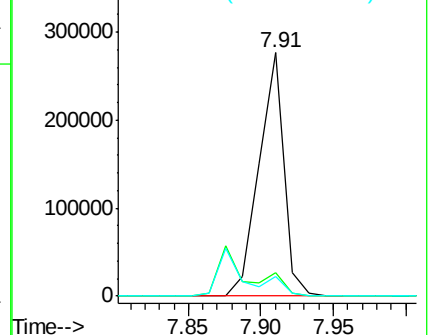
79 8.2 0.0 26.5

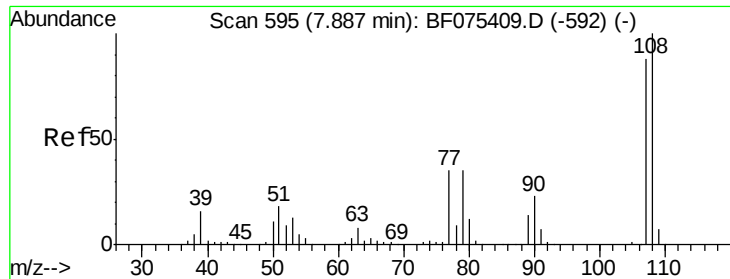


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

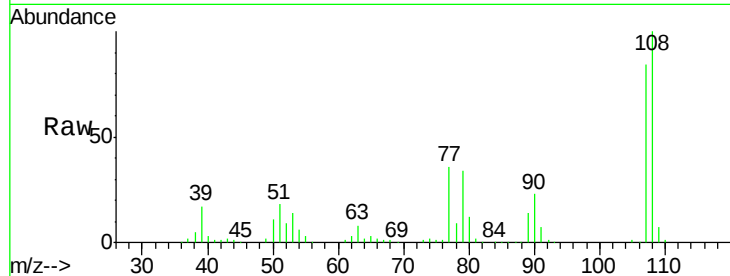




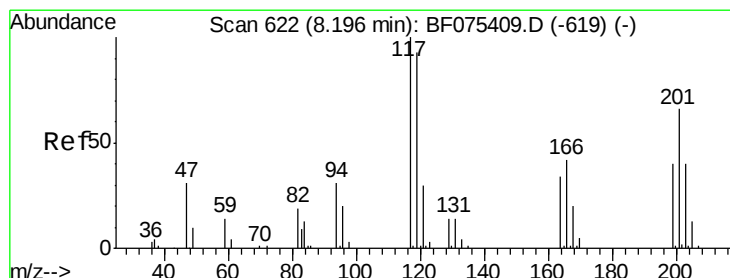
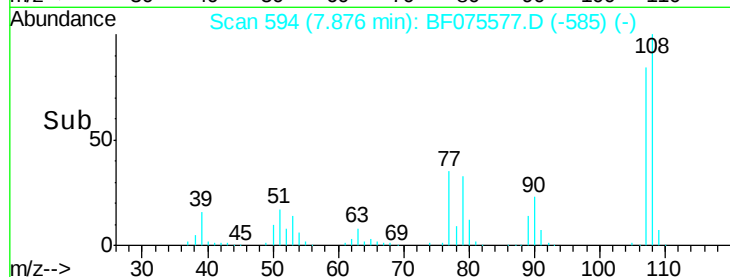
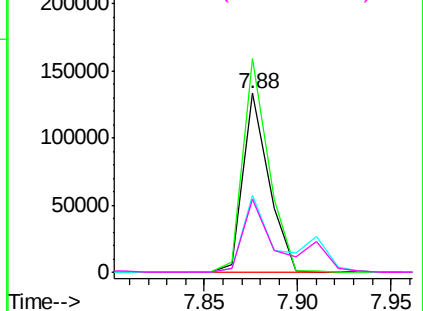
#17
2-Methylphenol
Concen: 54.55 ng
RT: 7.88 min Scan# 594
Delta R.T. -0.00 min
Lab File: BF075577.D
Acq: 16 Nov 2014 11:40

Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MSD

Tgt Ion:	107	Resp:	129673
Ion	Ratio	Lower	Upper
107	100		
108	119.3	95.6	143.4
77	42.6	30.2	45.4
79	40.6	31.3	46.9

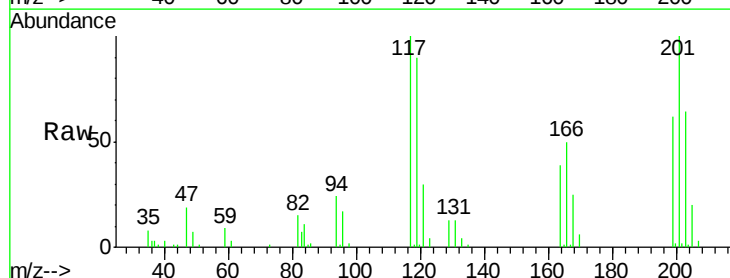


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

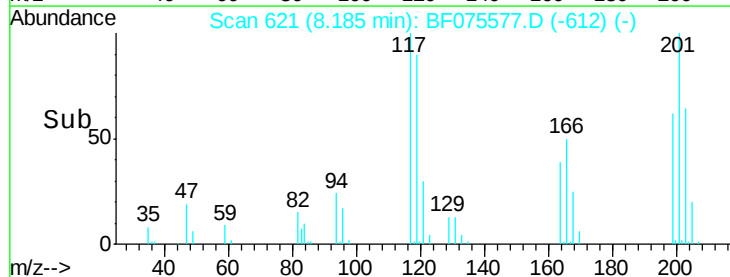
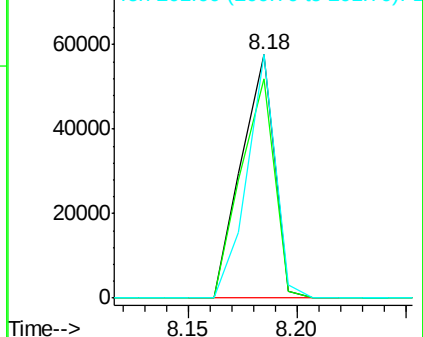


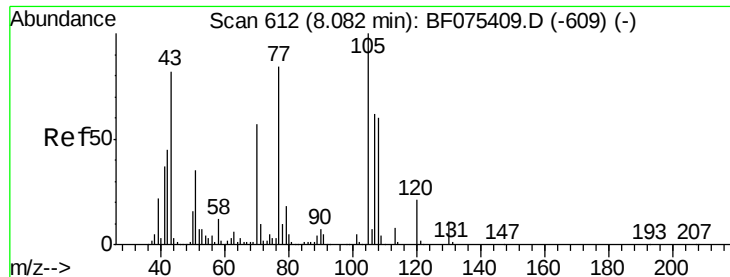
#18
Hexachloroethane
Concen: 55.77 ng
RT: 8.18 min Scan# 621
Delta R.T. -0.00 min
Lab File: BF075577.D
Acq: 16 Nov 2014 11:40

Tgt Ion:	117	Resp:	60864
Ion	Ratio	Lower	Upper
117	100		
119	90.3	72.9	109.3
201	100.1	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

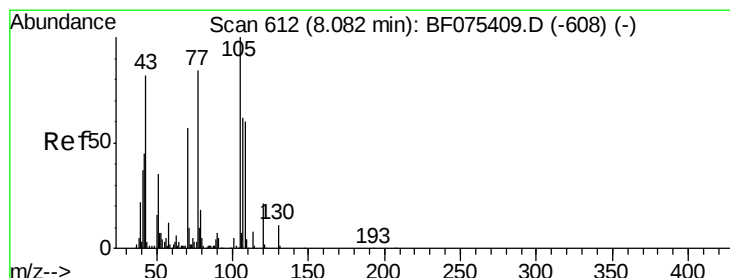
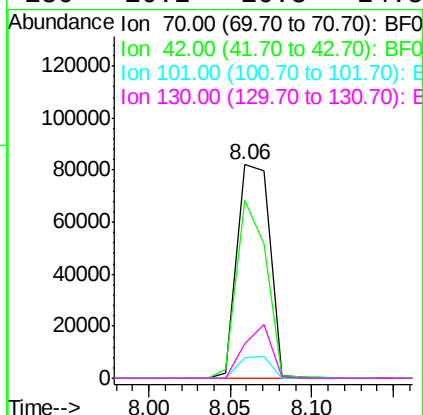
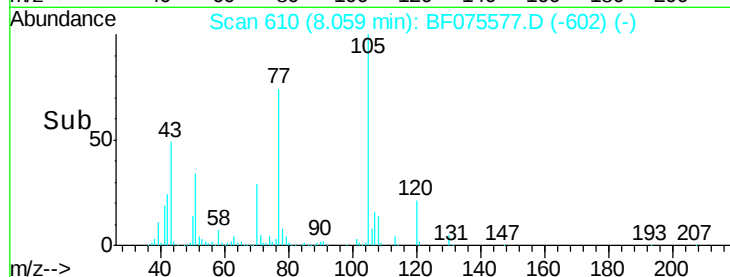
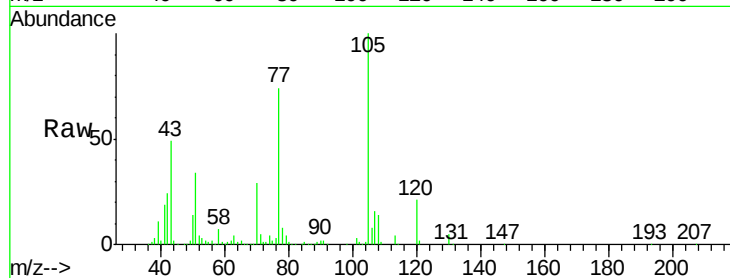




#19
n-Nitroso-di-n-propylamine
Concen: 55.84 ng
RT: 8.06 min Scan# 610
Delta R.T. -0.01 min
Lab File: BF075577.D
Acq: 16 Nov 2014 11:40

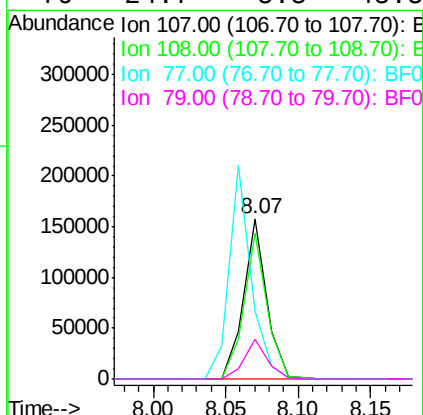
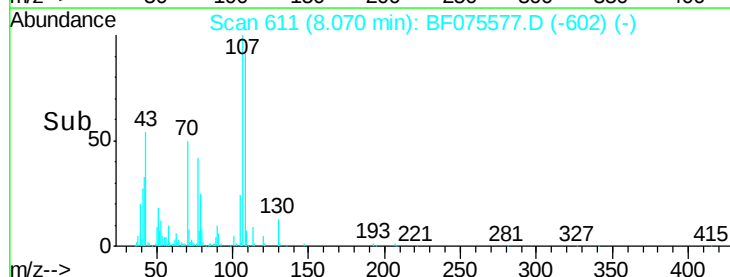
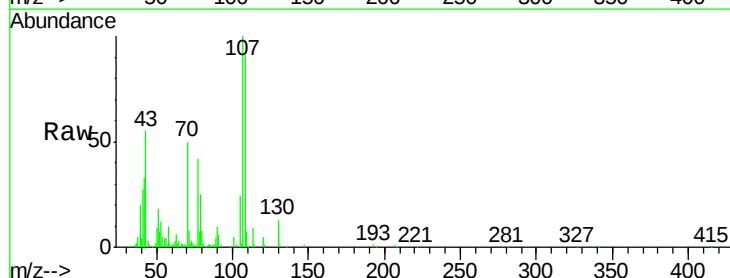
Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MSD

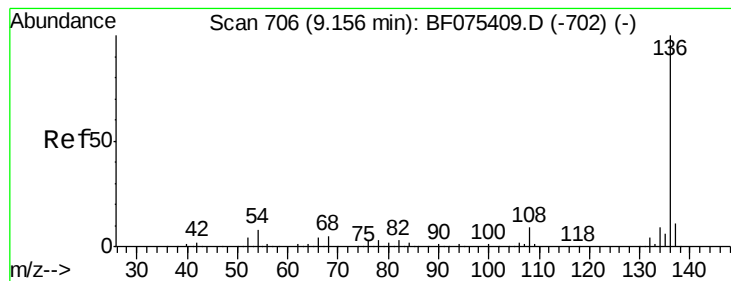
Tgt Ion: 70 Resp: 113498
Ion Ratio Lower Upper
70 100
42 83.3 63.0 94.6
101 9.4 7.5 11.3
130 16.2 16.3 24.5#



#20
3+4-Methylphenols
Concen: 56.61 ng
RT: 8.07 min Scan# 611
Delta R.T. -0.00 min
Lab File: BF075577.D
Acq: 16 Nov 2014 11:40

Tgt Ion: 107 Resp: 176167
Ion Ratio Lower Upper
107 100
108 90.8 69.6 109.6
77 42.3 84.4 124.4#
79 24.7 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: BF075577.D

Acq: 16 Nov 2014 11:40

Instrument :

BNA_F

ClientSampleId :

REC-2-1(1.5-2.0)MSD

Tgt Ion:136 Resp: 181772

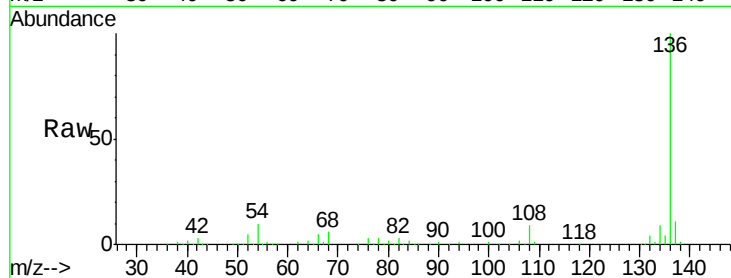
Ion Ratio Lower Upper

136 100

137 10.9 8.2 12.4

54 10.3 6.2 9.4#

68 5.9 3.4 5.2#

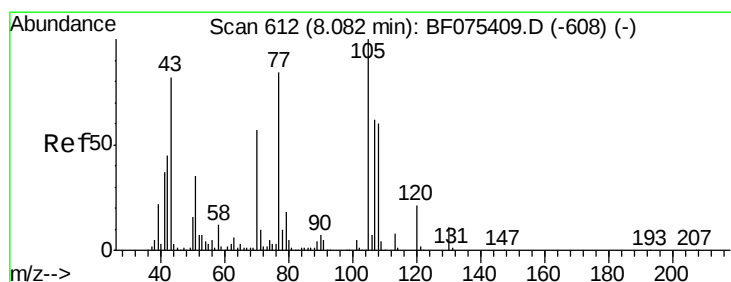
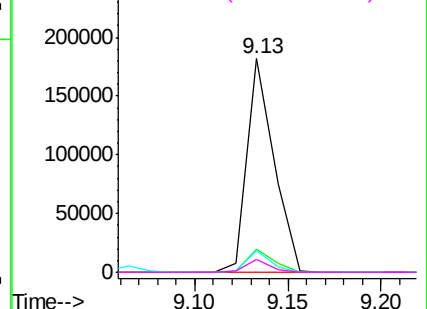
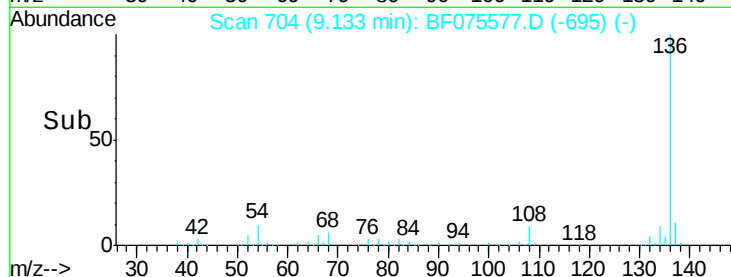


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 63.12 ng

RT: 8.06 min Scan# 610

Delta R.T. -0.00 min

Lab File: BF075577.D

Acq: 16 Nov 2014 11:40

Tgt Ion:105 Resp: 247501

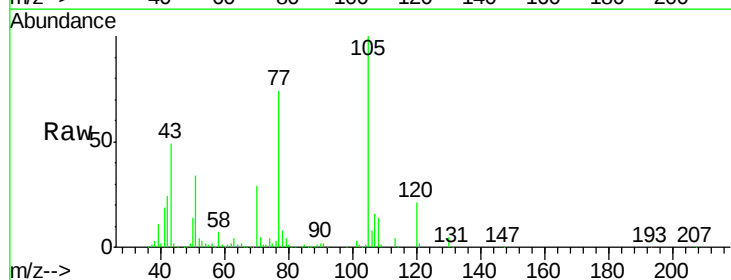
Ion Ratio Lower Upper

105 100

71 4.7 10.5 15.7#

51 33.6 24.2 36.2

120 21.5 17.5 26.3

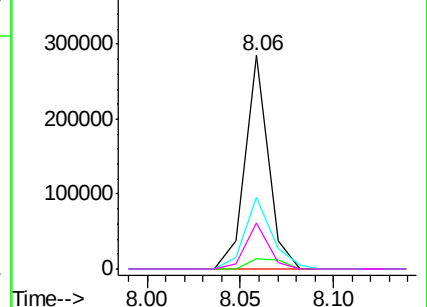
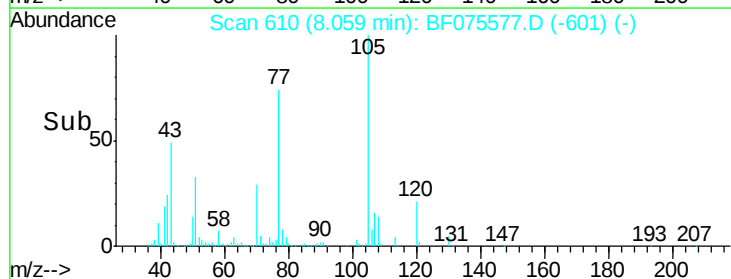


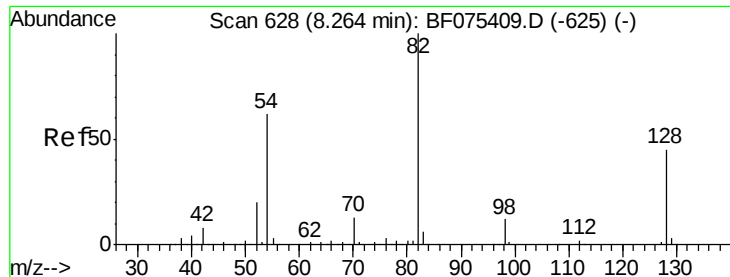
Abundance Ion 105.00 (104.70 to 105.70): E

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: 133.94 ng

RT: 8.25 min Scan# 627

Delta R.T. -0.00 min

Lab File: BF075577.D

Acq: 16 Nov 2014 11:40

Instrument :

BNA_F

ClientSampleId :

REC-2-1(1.5-2.0)MSD

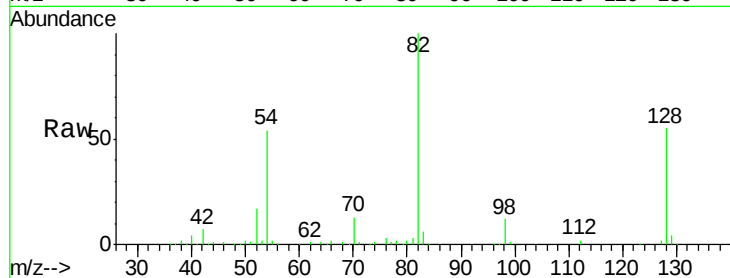
Tgt Ion: 82 Resp: 332082

Ion Ratio Lower Upper

82 100

128 55.5 37.8 56.6

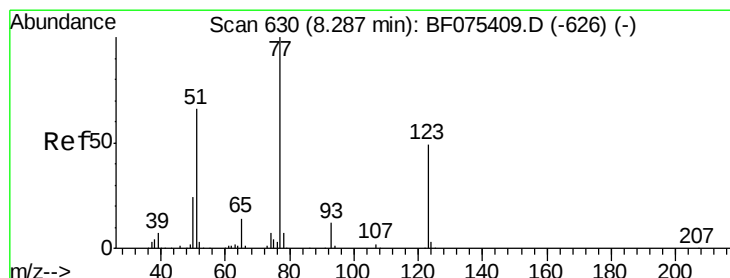
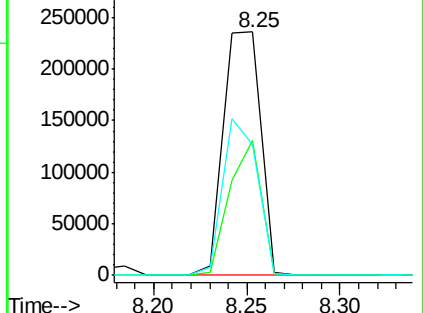
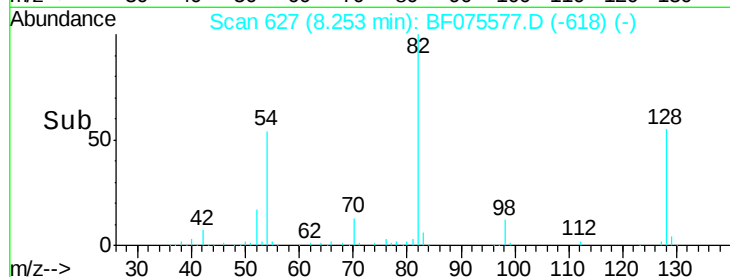
54 53.6 49.8 74.8



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 59.65 ng

RT: 8.28 min Scan# 629

Delta R.T. -0.00 min

Lab File: BF075577.D

Acq: 16 Nov 2014 11:40

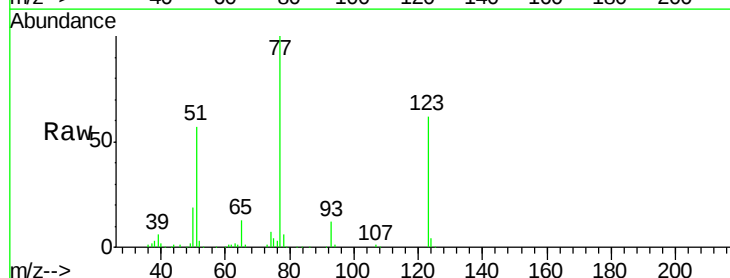
Tgt Ion: 77 Resp: 171383

Ion Ratio Lower Upper

77 100

123 62.5 39.0 58.4#

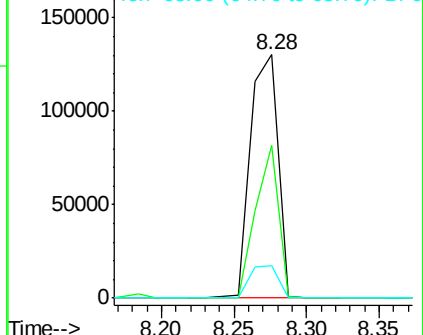
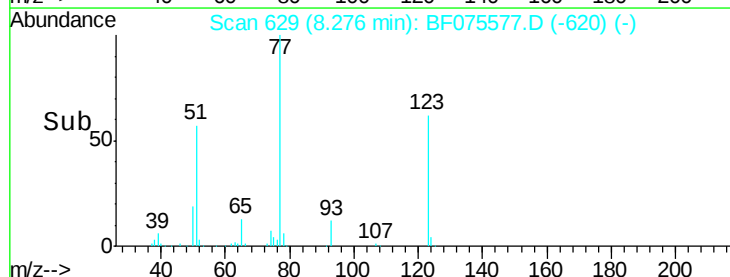
65 13.3 10.6 15.8

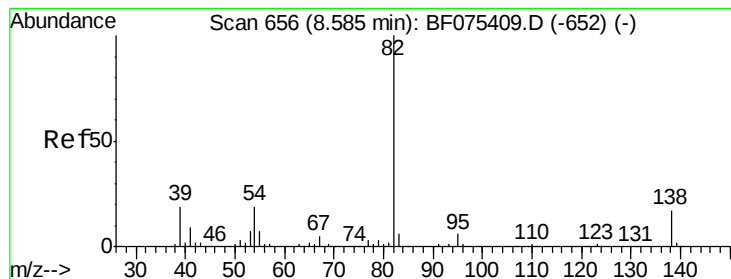


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): B

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 58.51 ng

RT: 8.57 min Scan# 655

Delta R.T. -0.00 min

Lab File: BF075577.D

Acq: 16 Nov 2014 11:40

Instrument :

BNA_F

ClientSampleId :

REC-2-1(1.5-2.0)MSD

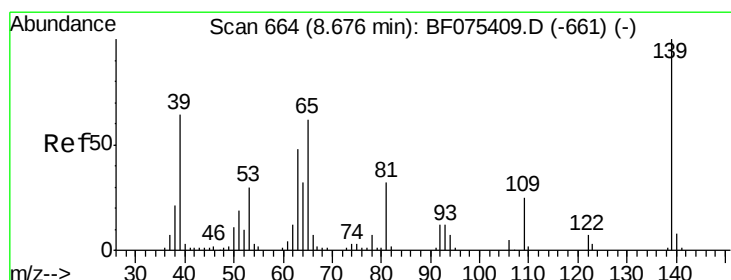
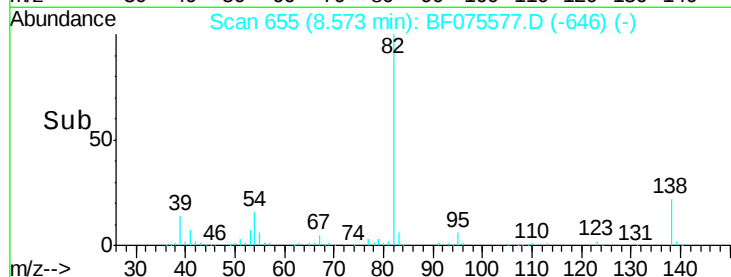
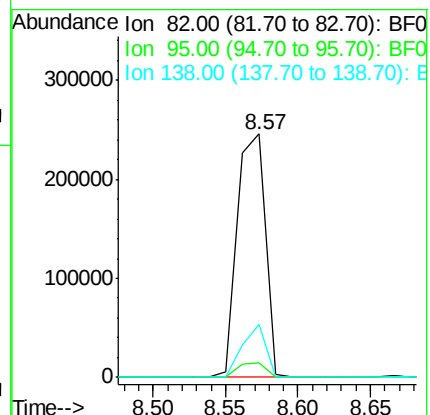
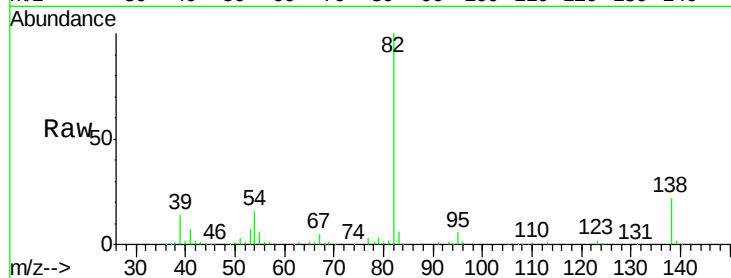
Tgt Ion: 82 Resp: 331225

Ion Ratio Lower Upper

82 100

95 6.1 5.2 7.8

138 22.0 15.0 22.6



#26

2-Nitrophenol

Concen: 66.70 ng

RT: 8.66 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF075577.D

Acq: 16 Nov 2014 11:40

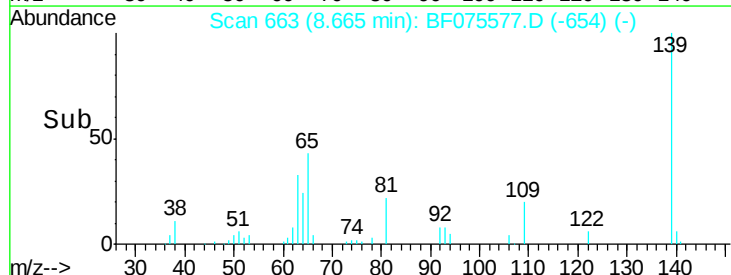
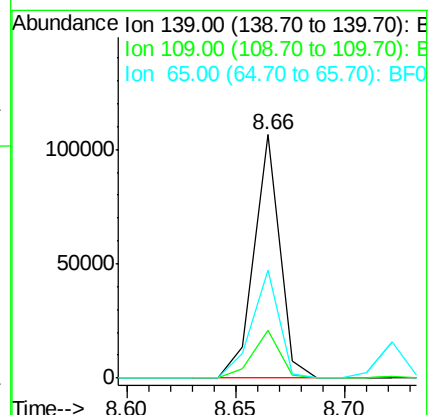
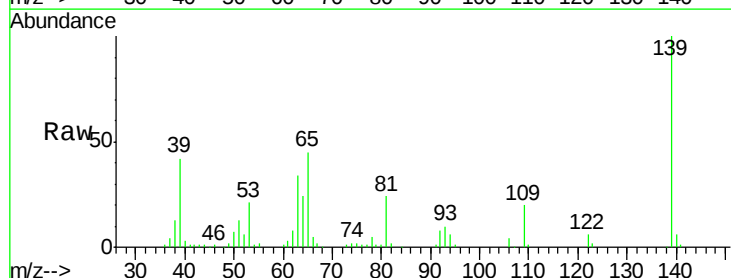
Tgt Ion: 139 Resp: 87328

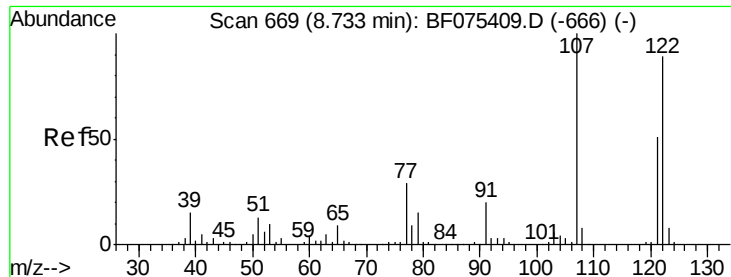
Ion Ratio Lower Upper

139 100

109 19.7 22.3 33.5#

65 44.5 49.1 73.7#

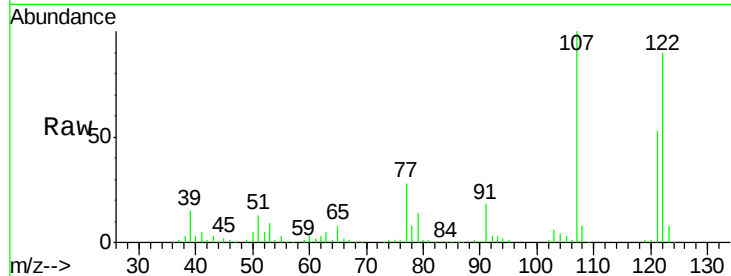




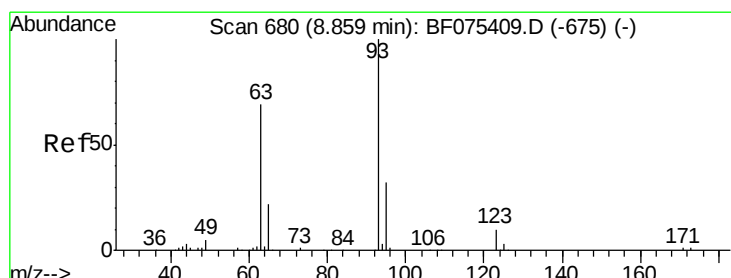
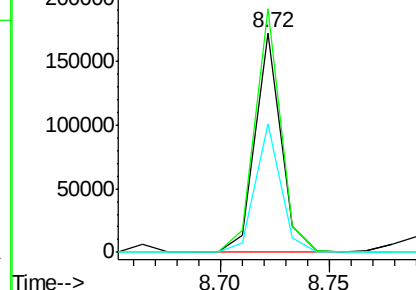
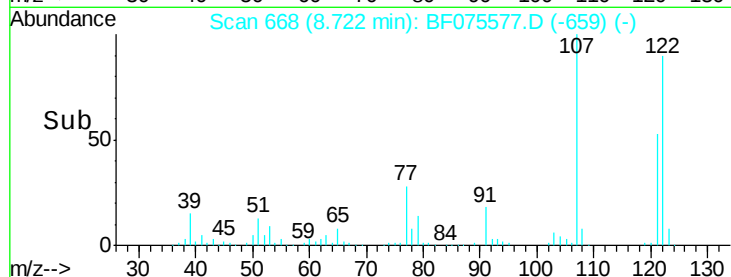
#27
 2,4-Dimethylphenol
 Concen: 56.36 ng
 RT: 8.72 min Scan# 668
 Delta R.T. -0.00 min
 Lab File: BF075577.D
 Acq: 16 Nov 2014 11:40

Instrument :
 BNA_F
 ClientSampleId :
 REC-2-1(1.5-2.0)MSD

Tgt Ion:122 Resp: 143013
 Ion Ratio Lower Upper
 122 100
 107 110.7 86.5 129.7
 121 58.3 45.4 68.2

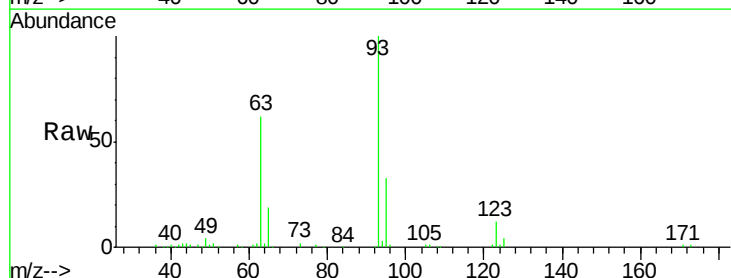


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

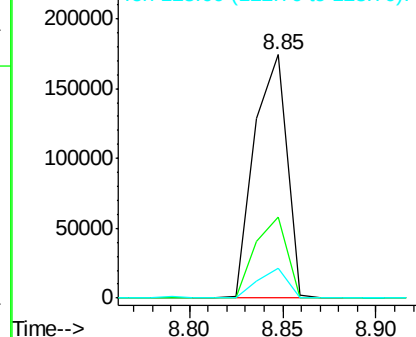
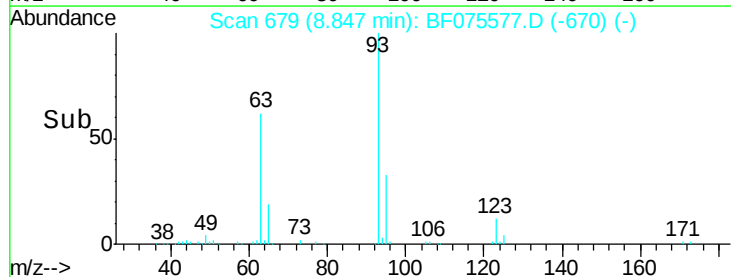


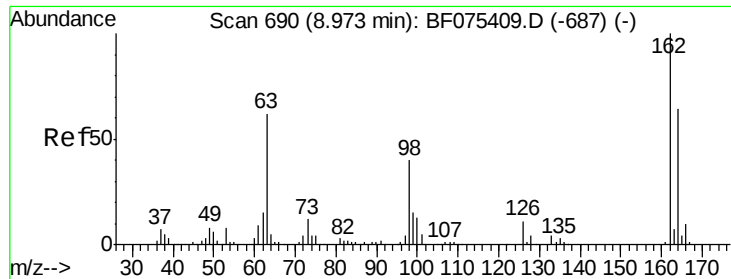
#28
 bis(2-Chloroethoxy)methane
 Concen: 60.86 ng
 RT: 8.85 min Scan# 679
 Delta R.T. -0.00 min
 Lab File: BF075577.D
 Acq: 16 Nov 2014 11:40

Tgt Ion: 93 Resp: 209944
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.2 39.4
 123 12.4 8.8 13.2



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

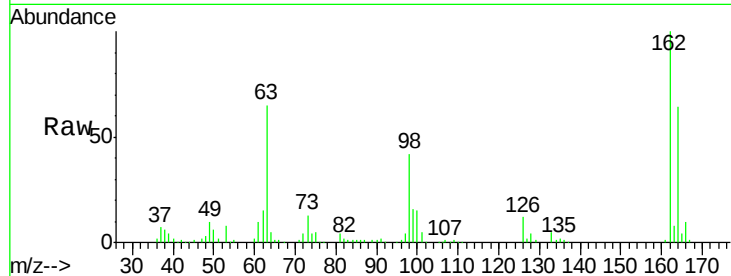




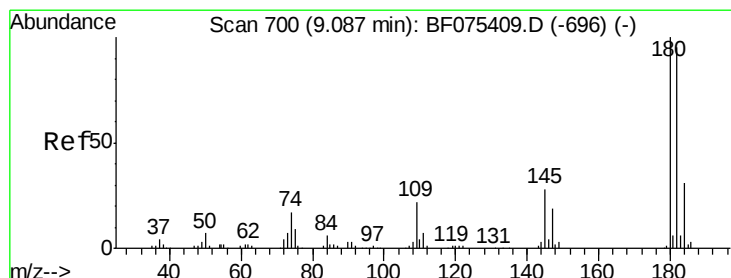
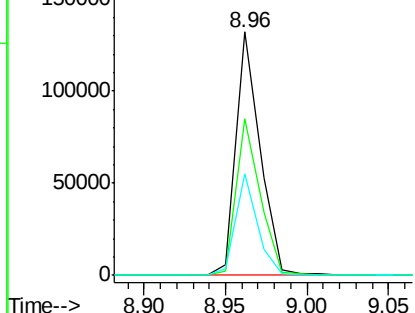
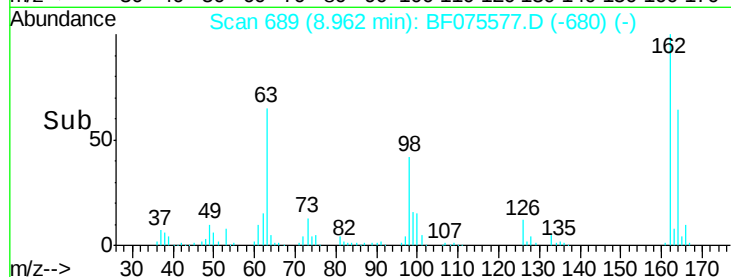
#29
 2,4-Dichlorophenol
 Concen: 60.46 ng
 RT: 8.96 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: BF075577.D
 Acq: 16 Nov 2014 11:40

Instrument :
 BNA_F
 ClientSampleId :
 REC-2-1(1.5-2.0)MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.3	43.8	83.8
98	41.8	14.6	54.6

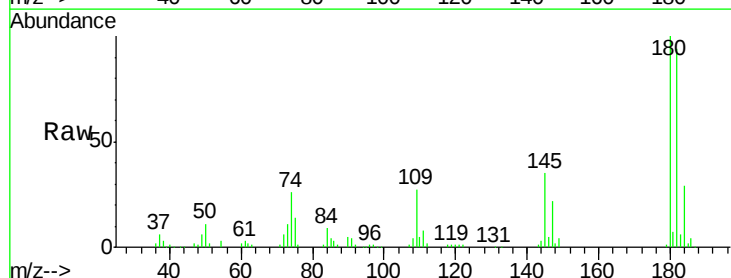


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

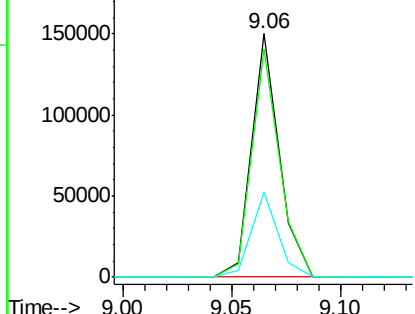
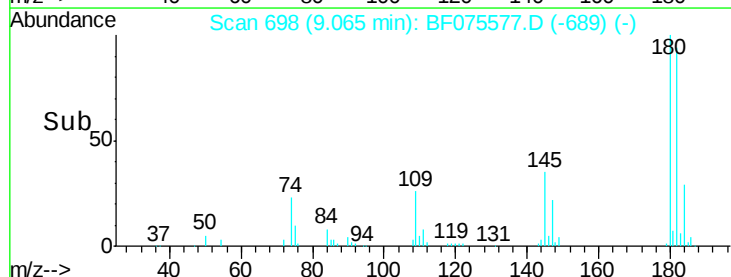


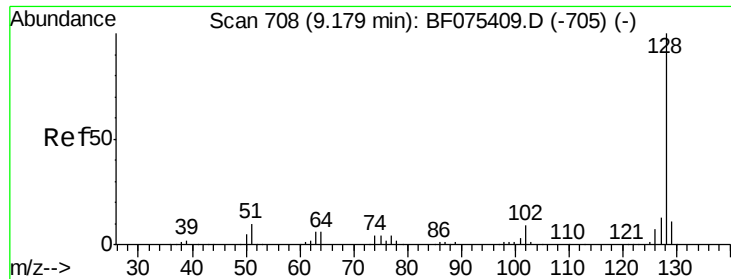
#30
 1,2,4-Trichlorobenzene
 Concen: 56.60 ng
 RT: 9.06 min Scan# 698
 Delta R.T. -0.00 min
 Lab File: BF075577.D
 Acq: 16 Nov 2014 11:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	78.4	117.6
145	35.1	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

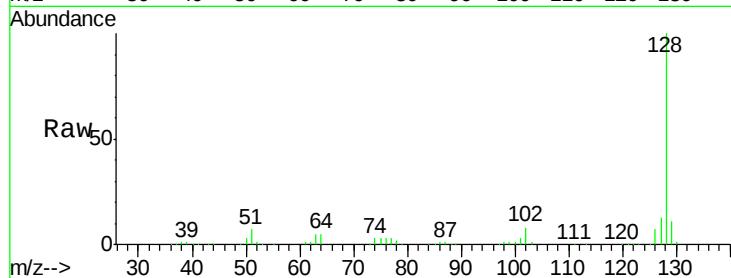




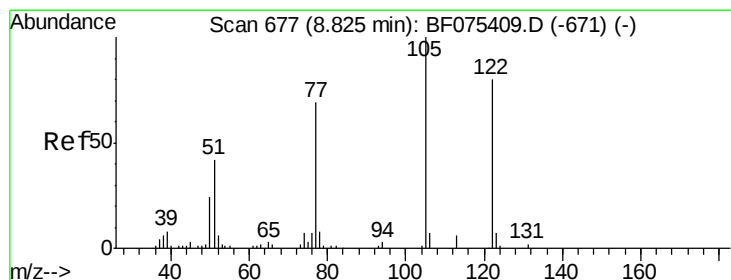
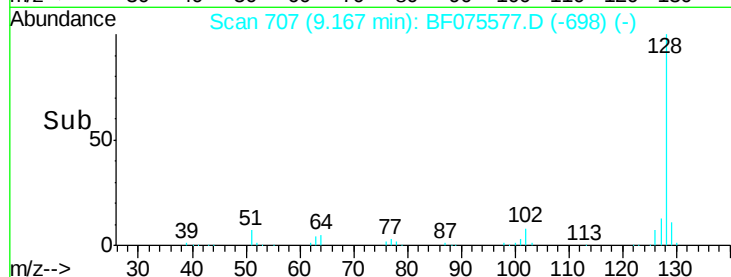
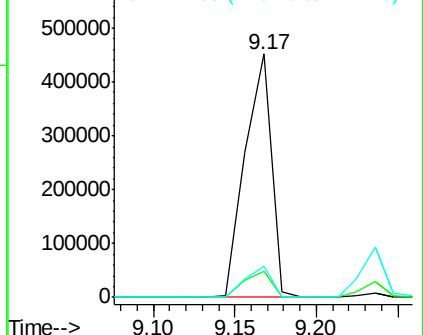
#31
Naphthalene
Concen: 62.29 ng
RT: 9.17 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF075577.D
Acq: 16 Nov 2014 11:40

Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MSD

Tgt Ion:128 Resp: 504761
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 12.9 10.2 15.4

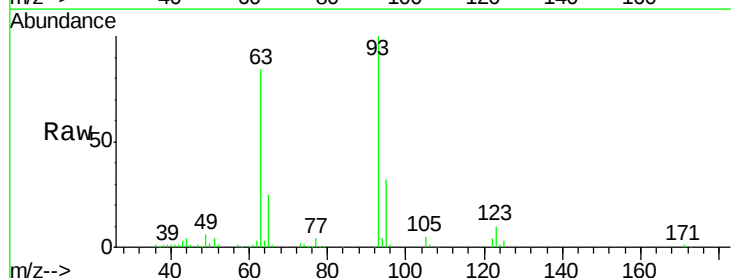


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

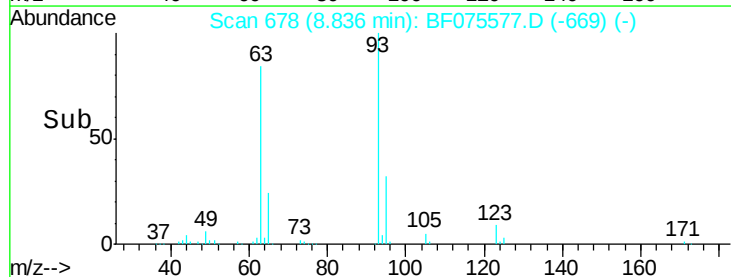
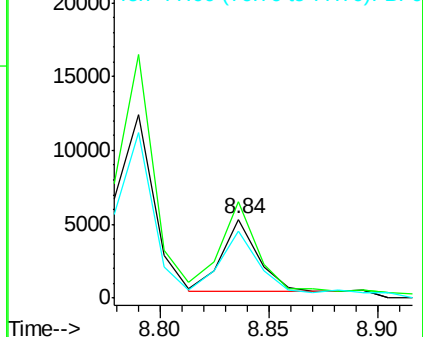


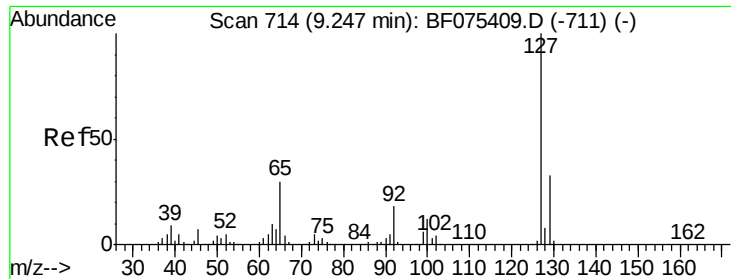
#32
Benzoic acid
Concen: 3.58 ng
RT: 8.84 min Scan# 678
Delta R.T. -0.00 min
Lab File: BF075577.D
Acq: 16 Nov 2014 11:40

Tgt Ion:122 Resp: 5487
Ion Ratio Lower Upper
122 100
105 123.3 95.1 135.1
77 85.9 62.6 102.6



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

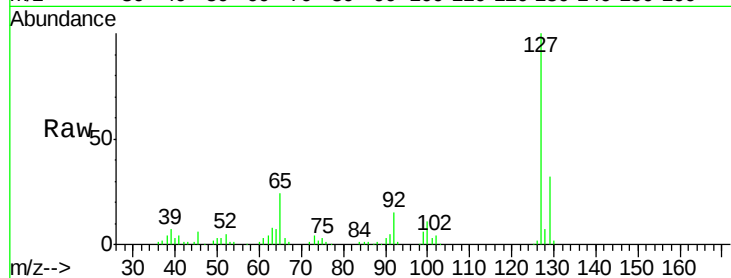




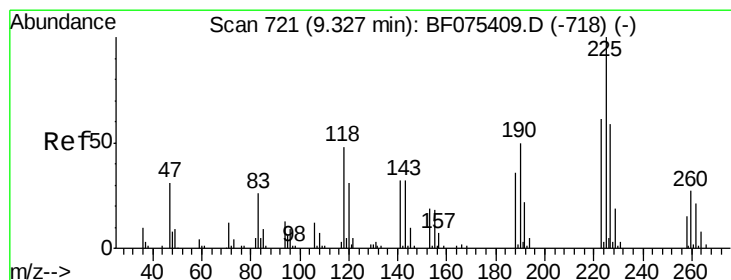
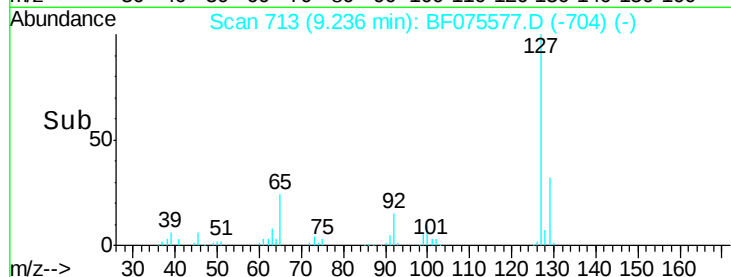
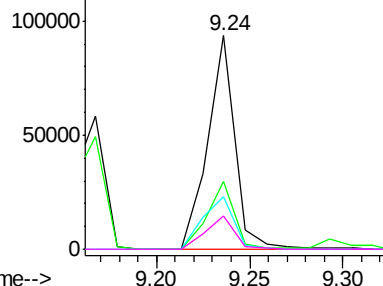
#33
4-Chloroaniline
Concen: 27.09 ng
RT: 9.24 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF075577.D
Acq: 16 Nov 2014 11:40

Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MSD

Tgt Ion:	127	Resp:	95371
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.5	38.3
65	24.5	22.8	34.2
92	15.4	13.8	20.6

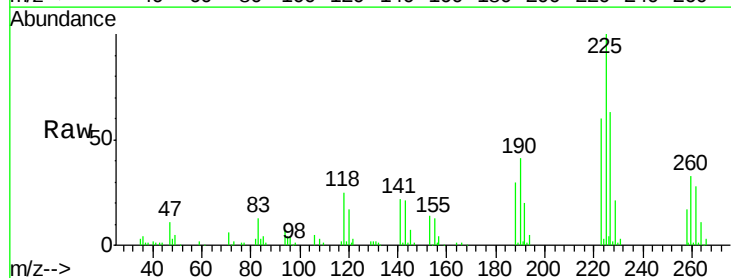


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

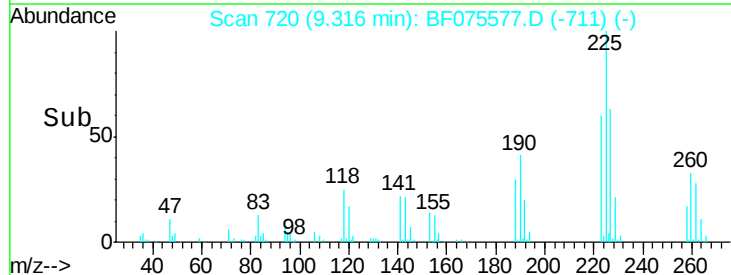
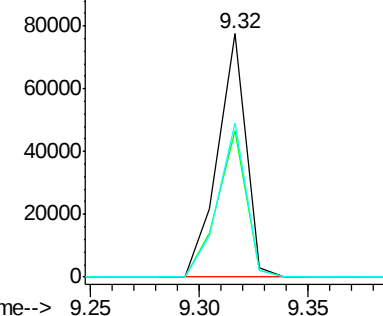


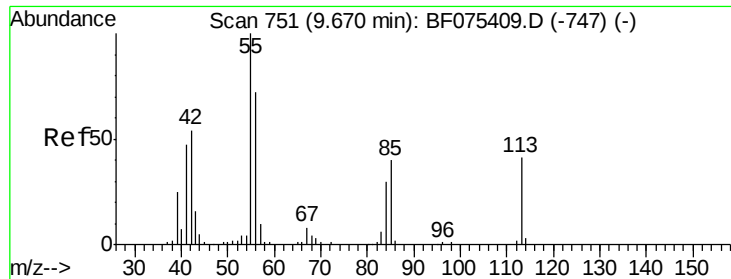
#34
Hexachlorobutadiene
Concen: 55.63 ng
RT: 9.32 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF075577.D
Acq: 16 Nov 2014 11:40

Tgt Ion:	225	Resp:	70174
Ion	Ratio	Lower	Upper
225	100		
223	60.2	51.0	76.6
227	63.3	48.6	73.0



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

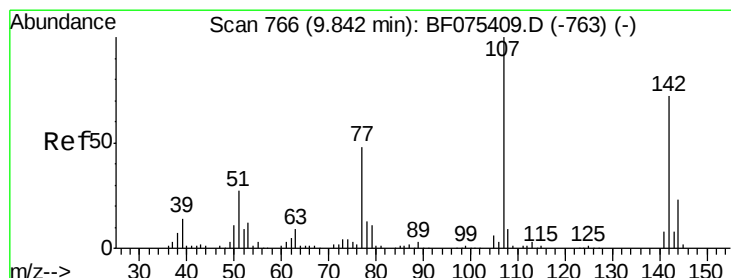
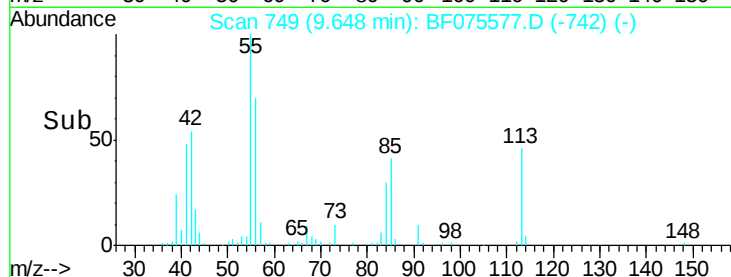
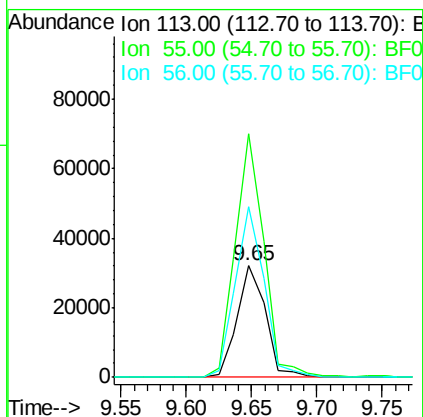
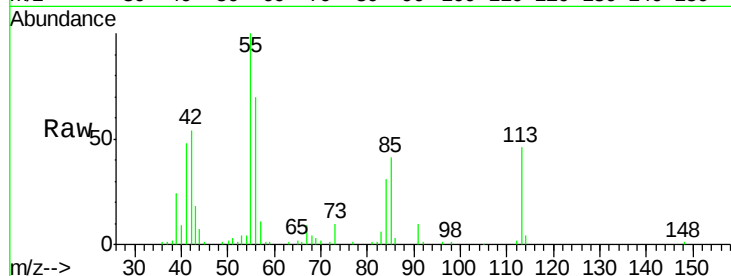




#35
 Caprolactam
 Concen: 65.83 ng
 RT: 9.65 min Scan# 749
 Delta R.T. -0.02 min
 Lab File: BF075577.D
 Acq: 16 Nov 2014 11:40

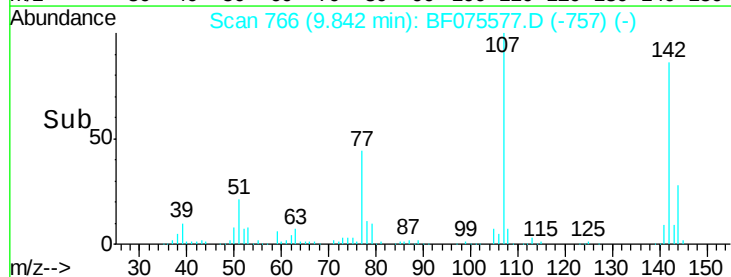
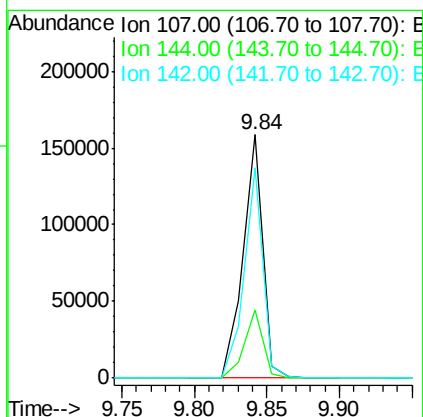
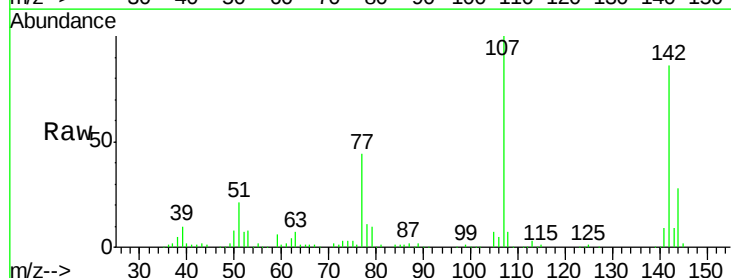
Instrument :
 BNA_F
 ClientSampleId :
 REC-2-1(1.5-2.0)MSD

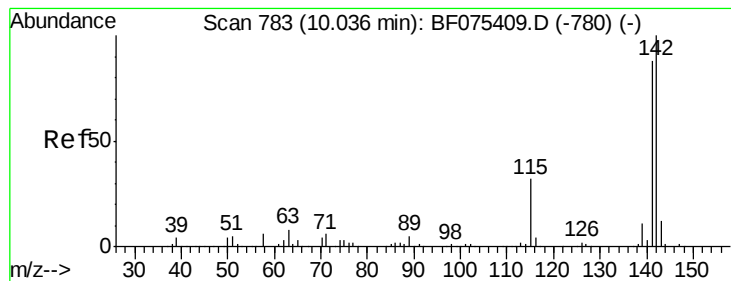
Tgt Ion:113 Resp: 48498
 Ion Ratio Lower Upper
 113 100
 55 218.1 226.9 266.9#
 56 153.3 148.4 188.4



#36
 4-Chloro-3-methylphenol
 Concen: 61.64 ng
 RT: 9.84 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: BF075577.D
 Acq: 16 Nov 2014 11:40

Tgt Ion:107 Resp: 150346
 Ion Ratio Lower Upper
 107 100
 144 27.9 19.1 28.7
 142 86.4 62.9 94.3





#37

2-Methylnaphthalene

Concen: 61.94 ng

RT: 10.02 min Scan# 782

Delta R.T. -0.00 min

Lab File: BF075577.D

Acq: 16 Nov 2014 11:40

Instrument :

BNA_F

ClientSampleId :

REC-2-1(1.5-2.0)MSD

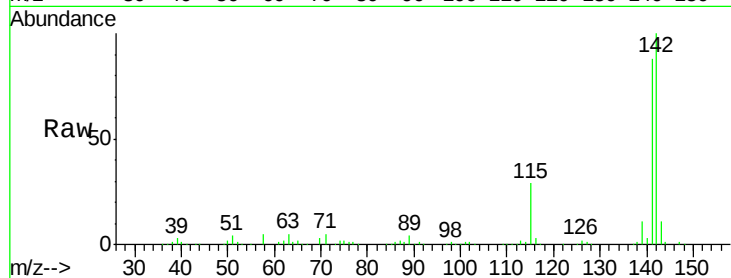
Tgt Ion:142 Resp: 342479

Ion Ratio Lower Upper

142 100

141 87.9 69.9 104.9

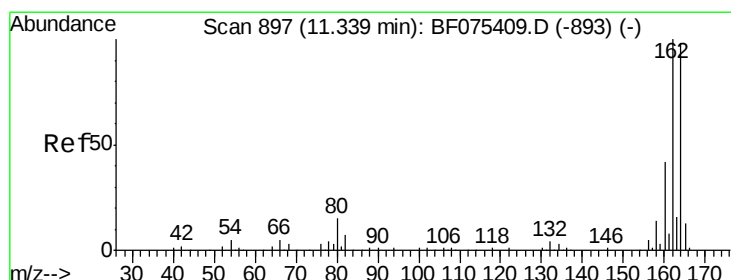
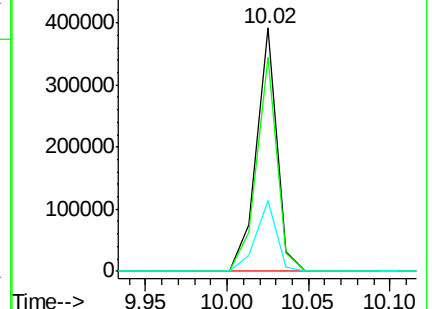
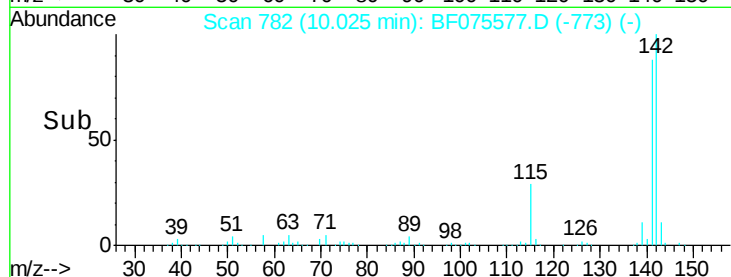
115 29.2 27.6 41.4



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: BF075577.D

Acq: 16 Nov 2014 11:40

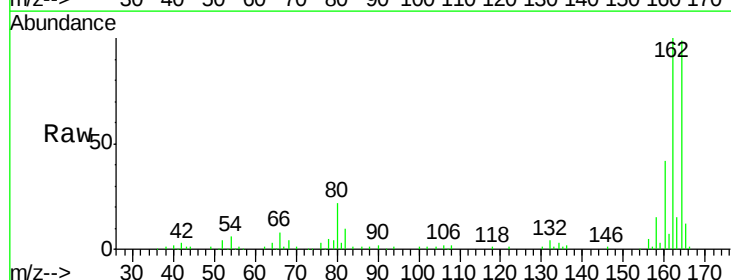
Tgt Ion:164 Resp: 97108

Ion Ratio Lower Upper

164 100

162 101.4 79.1 118.7

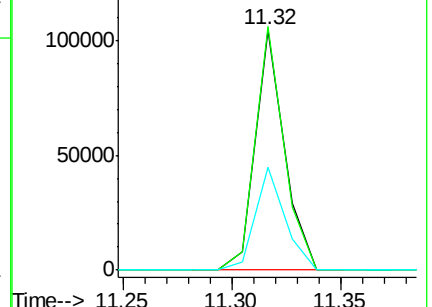
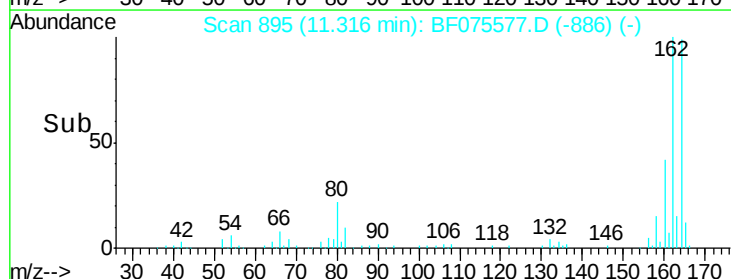
160 42.8 34.6 51.8

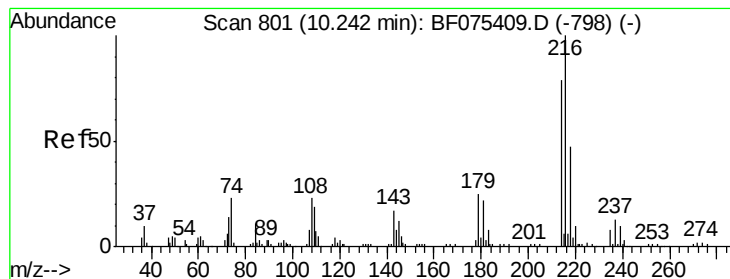


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 63.23 ng

RT: 10.23 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF075577.D

Acq: 16 Nov 2014 11:40

Instrument :

BNA_F

ClientSampleId :

REC-2-1(1.5-2.0)MSD

Tgt Ion:216 Resp: 126210

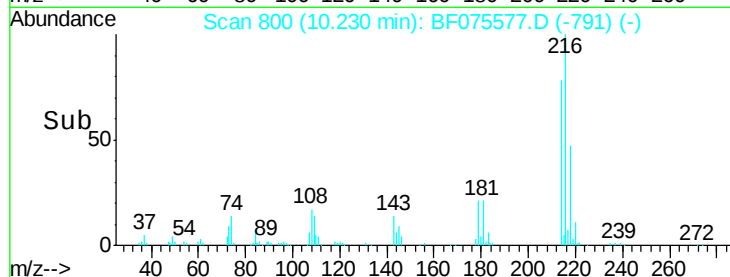
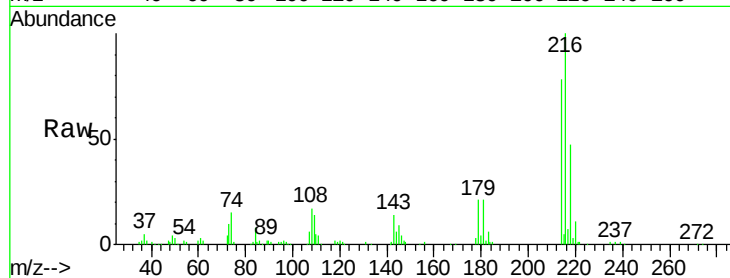
Ion Ratio Lower Upper

216 100

214 78.0 62.8 94.2

179 21.7 18.7 28.1

108 22.5 18.1 27.1

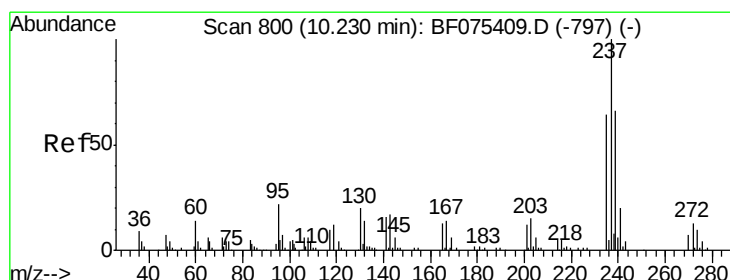
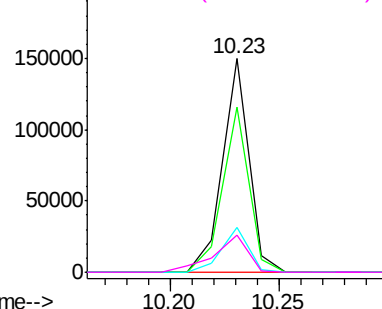


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 114.23 ng

RT: 10.22 min Scan# 799

Delta R.T. -0.00 min

Lab File: BF075577.D

Acq: 16 Nov 2014 11:40

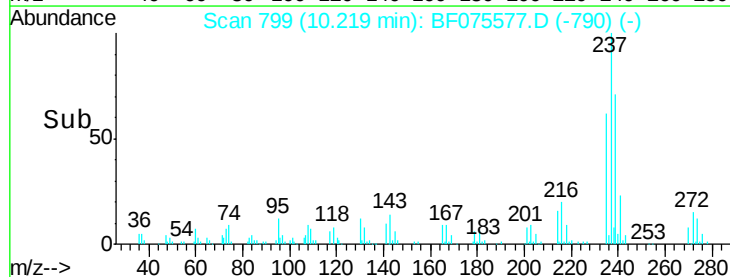
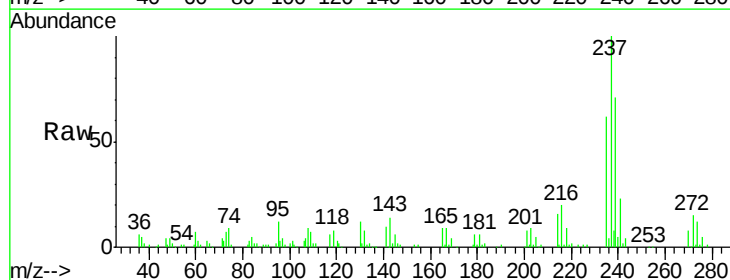
Tgt Ion:237 Resp: 138515

Ion Ratio Lower Upper

237 100

235 61.6 45.7 85.7

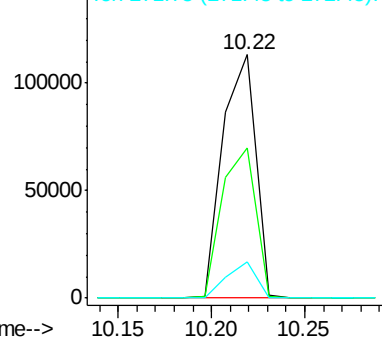
272 14.9 0.0 32.6

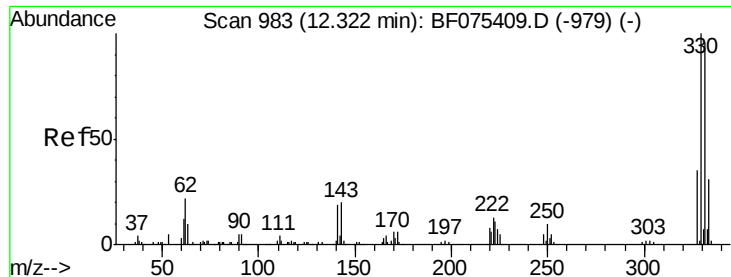


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

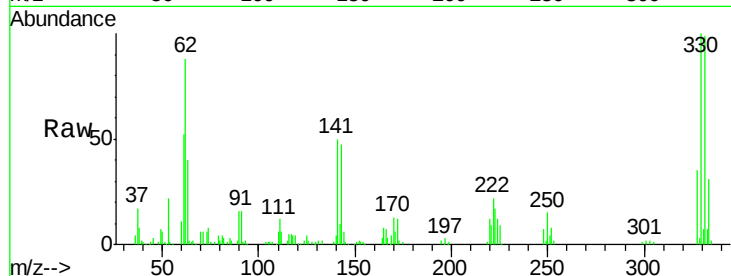




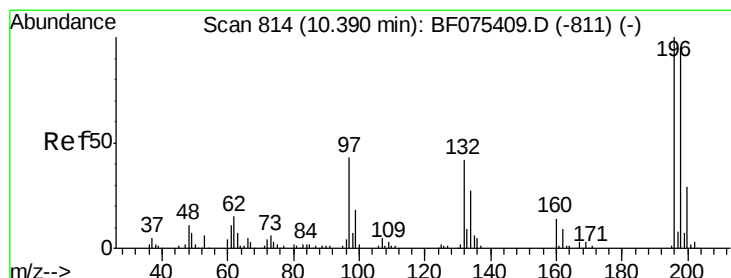
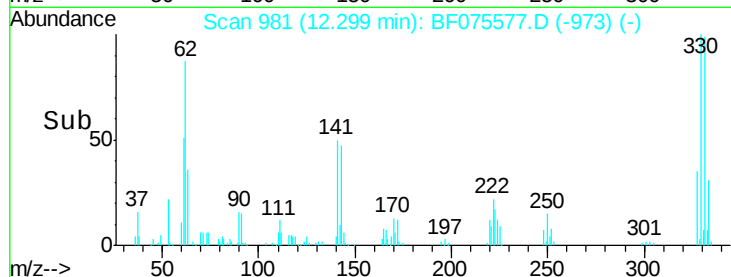
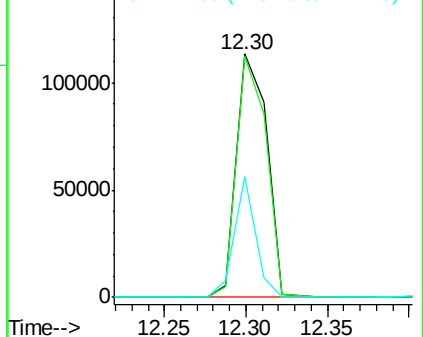
#41
 2,4,6-Tribromophenol
 Concen: 178.55 ng
 RT: 12.30 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: BF075577.D
 Acq: 16 Nov 2014 11:40

Instrument :
 BNA_F
 ClientSampleId :
 REC-2-1(1.5-2.0)MSD

Tgt Ion:330 Resp: 145221
 Ion Ratio Lower Upper
 330 100
 332 96.7 74.5 111.7
 141 34.8 30.7 46.1

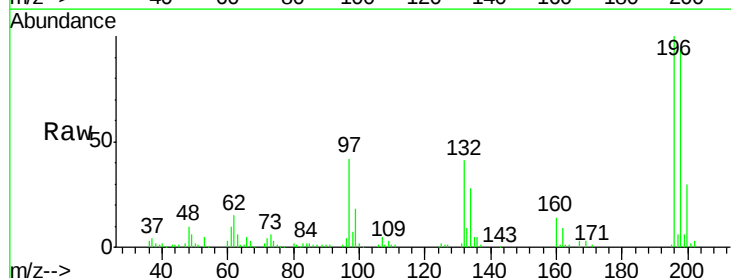


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

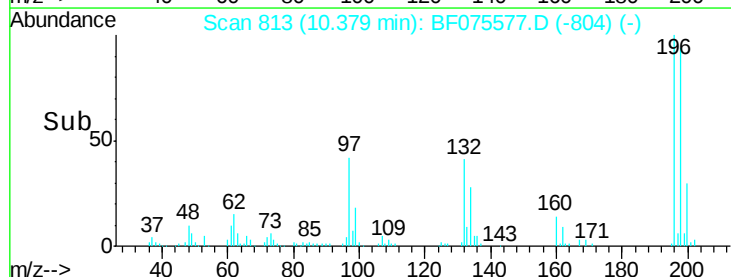
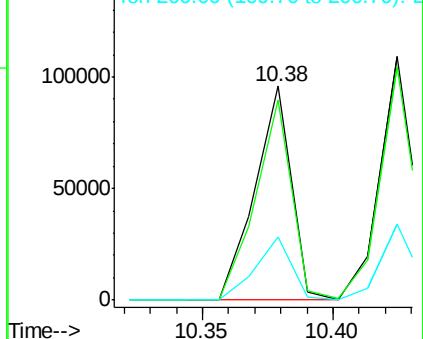


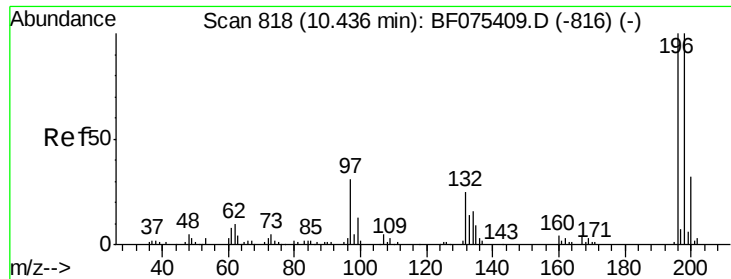
#42
 2,4,6-Trichlorophenol
 Concen: 59.40 ng
 RT: 10.38 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF075577.D
 Acq: 16 Nov 2014 11:40

Tgt Ion:196 Resp: 94286
 Ion Ratio Lower Upper
 196 100
 198 93.9 75.7 113.5
 200 29.7 23.4 35.0



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

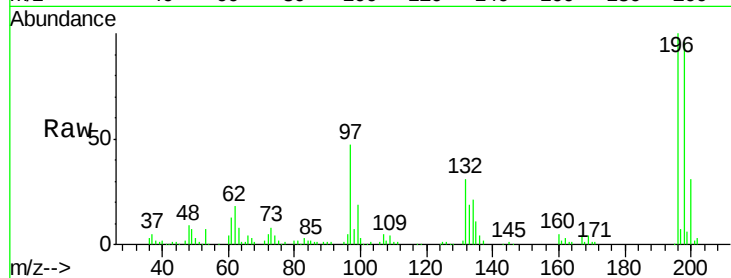




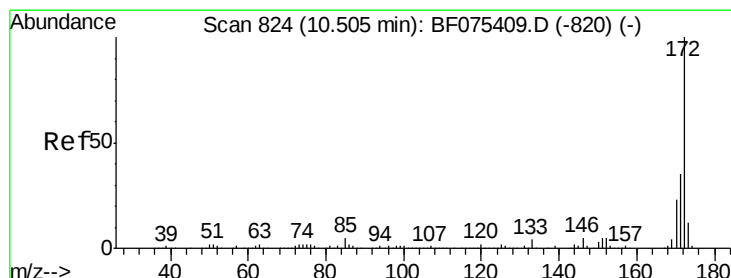
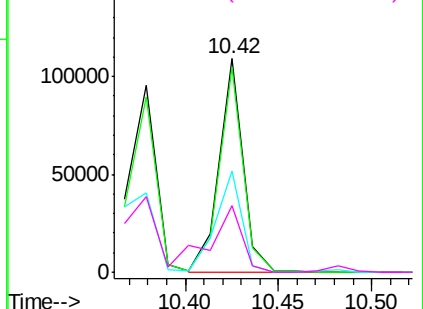
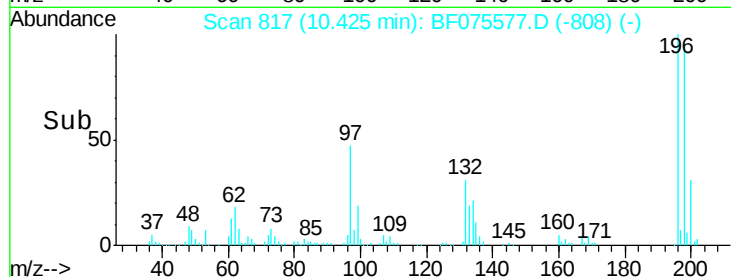
#43
 2,4,5-Trichlorophenol
 Concen: 59.43 ng
 RT: 10.42 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BF075577.D
 Acq: 16 Nov 2014 11:40

Instrument :
 BNA_F
 ClientSampleId :
 REC-2-1(1.5-2.0)MSD

Tgt Ion:196 Resp: 98249
 Ion Ratio Lower Upper
 196 100
 198 95.8 78.2 117.4
 97 47.4 29.9 44.9#
 132 31.0 22.2 33.2

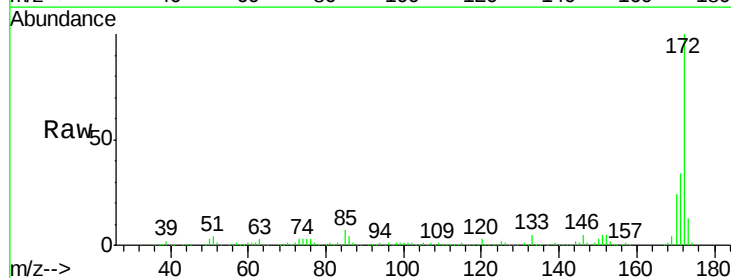


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

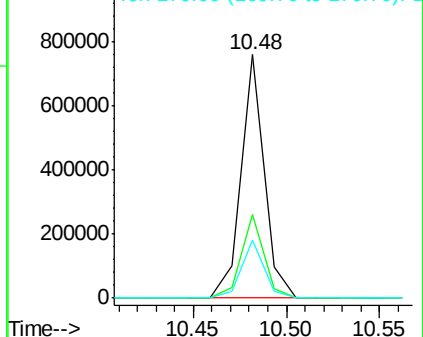
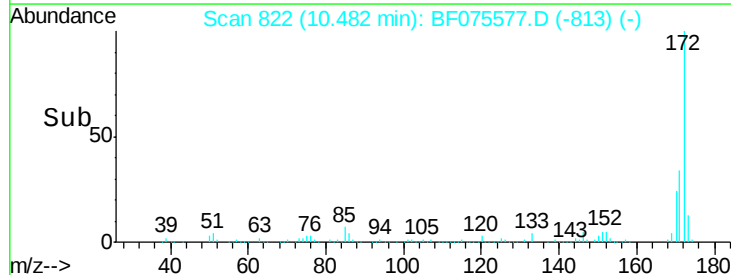


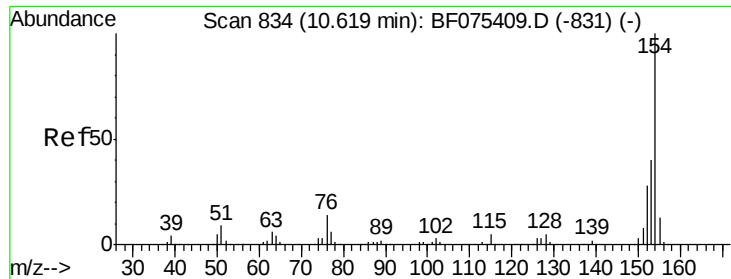
#44
 2-Fluorobiphenyl
 Concen: 121.88 ng
 RT: 10.48 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF075577.D
 Acq: 16 Nov 2014 11:40

Tgt Ion:172 Resp: 654977
 Ion Ratio Lower Upper
 172 100
 171 34.2 27.3 40.9
 170 23.8 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

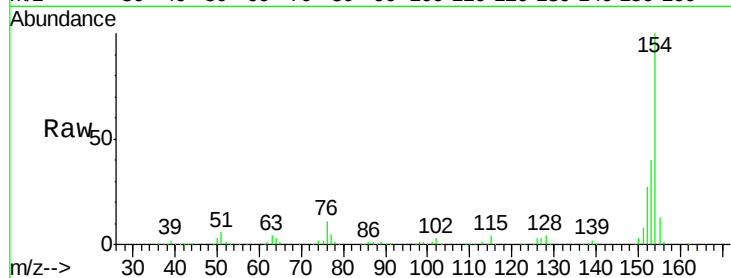




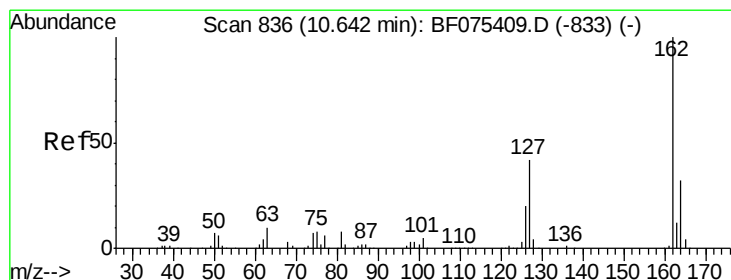
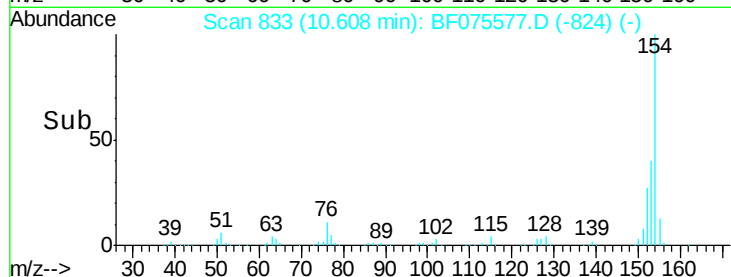
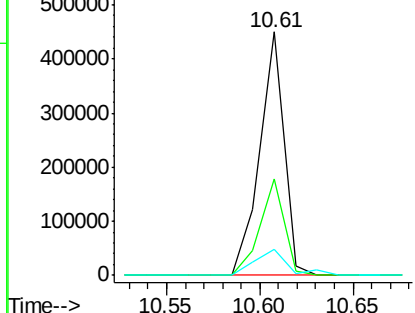
#45
 1,1'-Biphenyl
 Concen: 61.71 ng
 RT: 10.61 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF075577.D
 Acq: 16 Nov 2014 11:40

Instrument :
 BNA_F
 ClientSampleId :
 REC-2-1(1.5-2.0)MSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.5	19.3	59.3
76	10.5	0.0	35.0

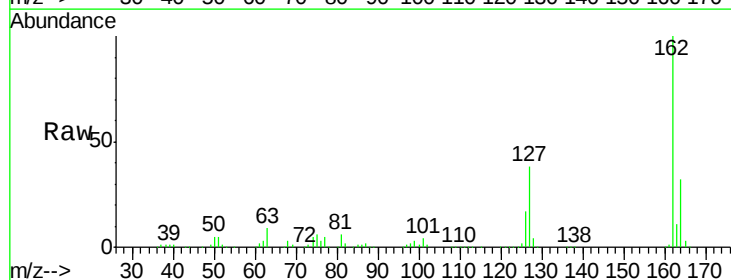


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

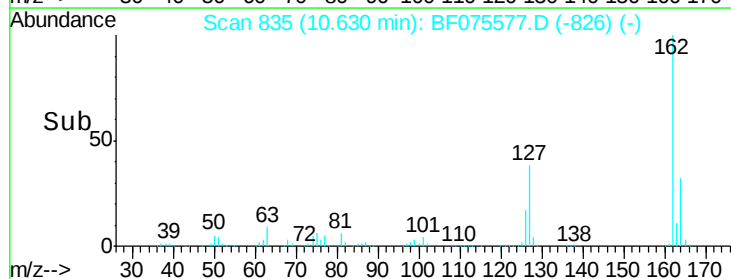
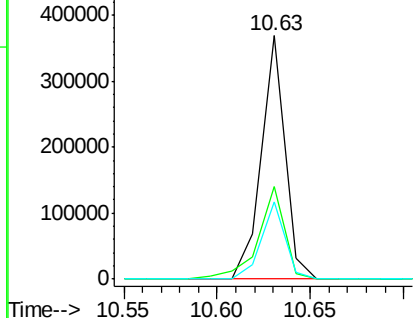


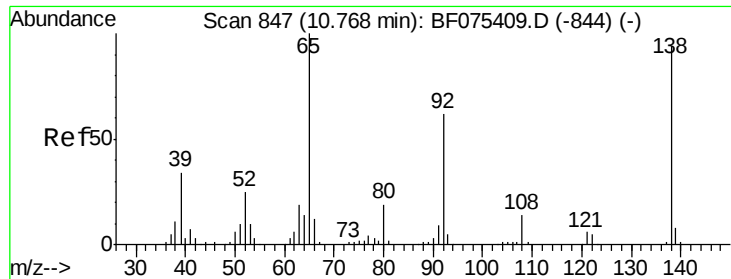
#46
 2-Chloronaphthalene
 Concen: 62.86 ng
 RT: 10.63 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BF075577.D
 Acq: 16 Nov 2014 11:40

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.0	34.6	51.8
164	31.9	25.1	37.7



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

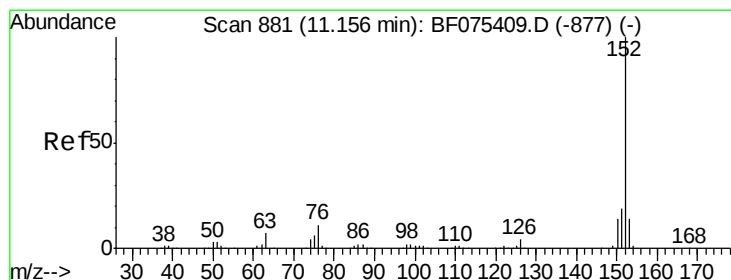
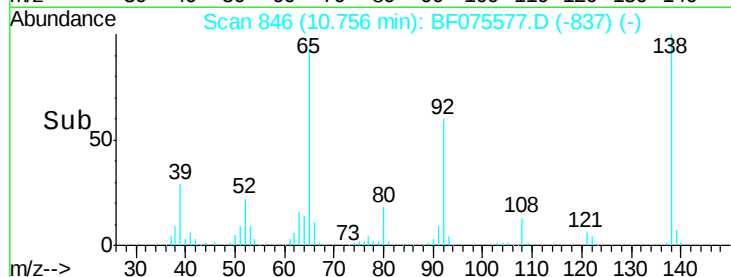
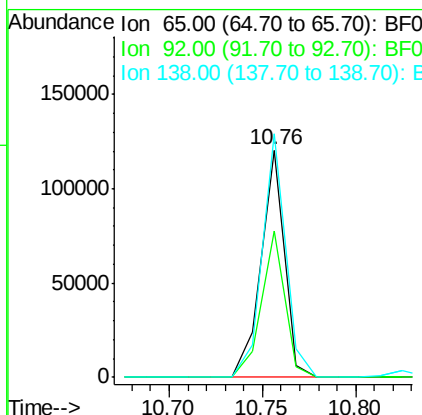
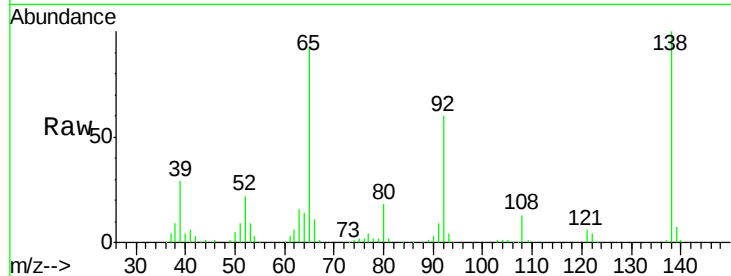




#47
2-Nitroaniline
Concen: 67.17 ng
RT: 10.76 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF075577.D
Acq: 16 Nov 2014 11:40

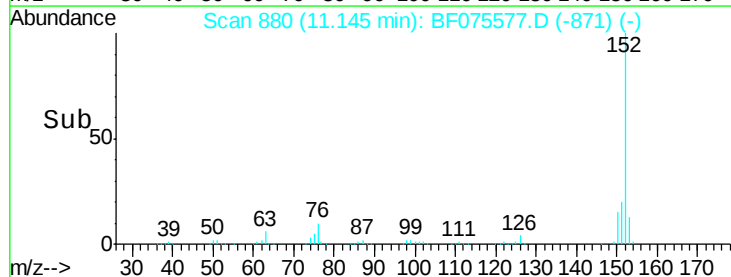
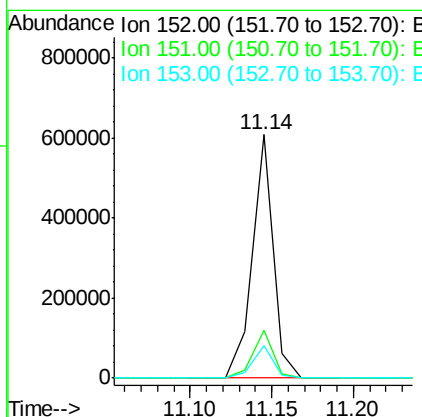
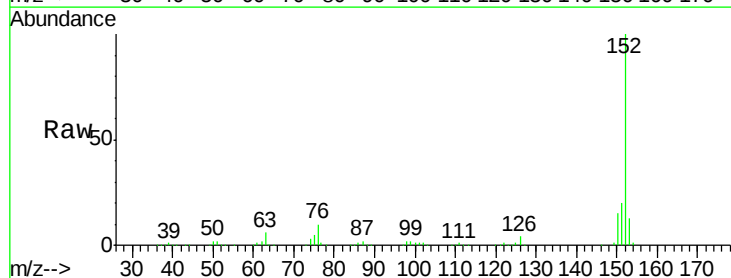
Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MSD

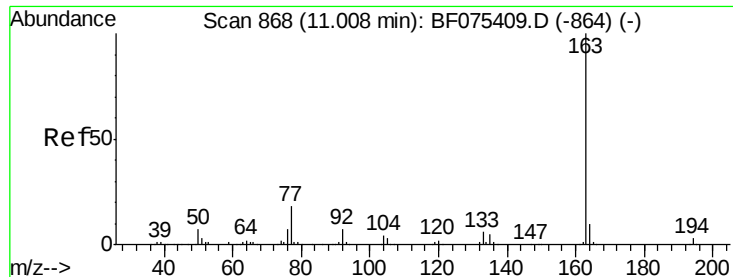
Tgt Ion: 65 Resp: 103504
Ion Ratio Lower Upper
65 100
92 64.6 46.7 70.1
138 107.1 62.8 94.2#



#48
Acenaphthylene
Concen: 64.13 ng
RT: 11.14 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF075577.D
Acq: 16 Nov 2014 11:40

Tgt Ion: 152 Resp: 541583
Ion Ratio Lower Upper
152 100
151 19.5 15.4 23.2
153 13.4 10.0 15.0

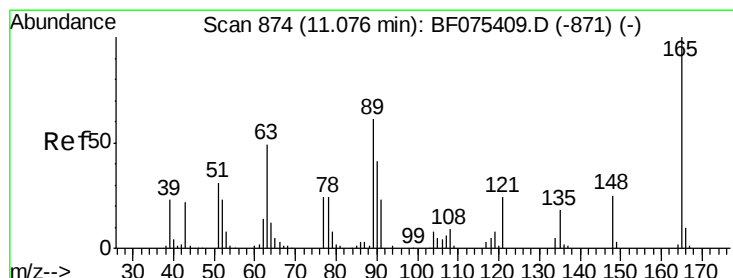
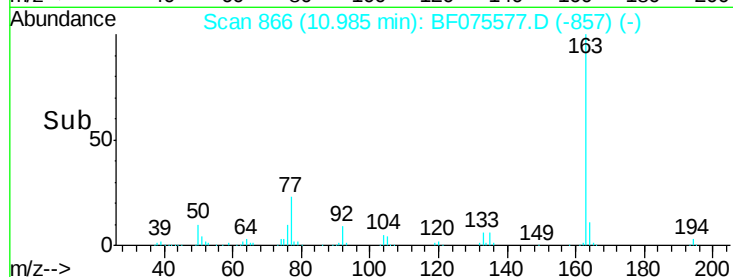
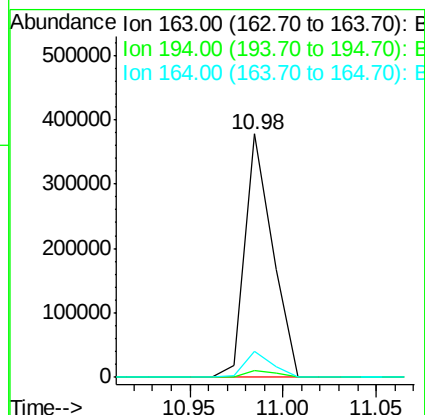
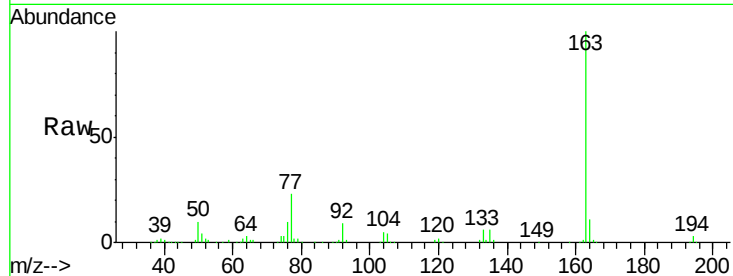




#49
Dimethylphthalate
Concen: 58.42 ng
RT: 10.98 min Scan# 866
Delta R.T. -0.00 min
Lab File: BF075577.D
Acq: 16 Nov 2014 11:40

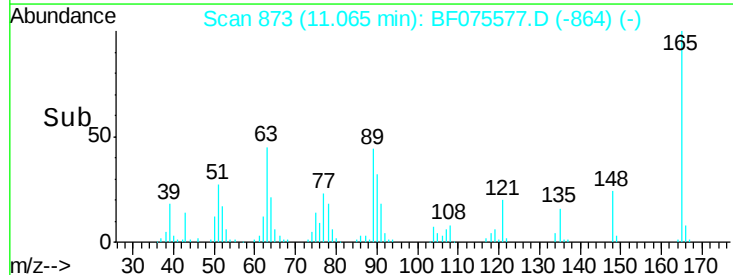
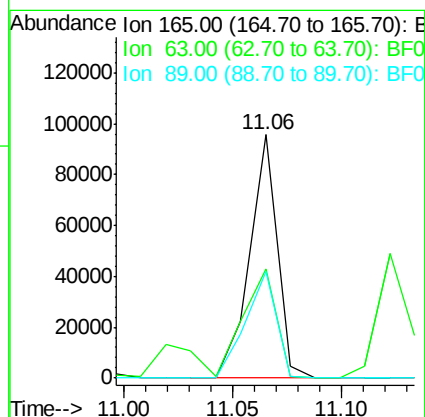
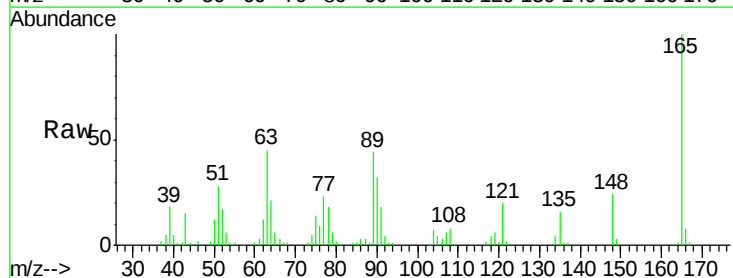
Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MSD

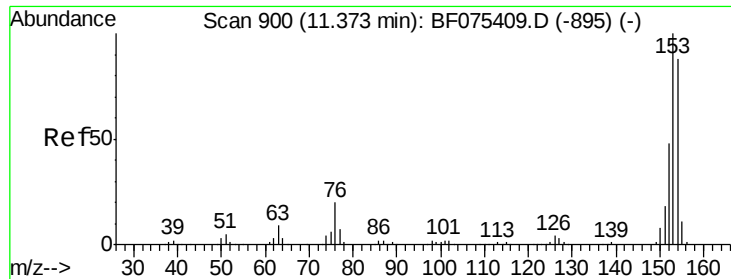
Tgt Ion:163 Resp: 387771
Ion Ratio Lower Upper
163 100
194 3.0 2.7 4.1
164 10.7 8.0 12.0



#50
2,6-Dinitrotoluene
Concen: 64.32 ng
RT: 11.06 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF075577.D
Acq: 16 Nov 2014 11:40

Tgt Ion:165 Resp: 84102
Ion Ratio Lower Upper
165 100
63 45.1 61.2 91.8#
89 43.6 52.5 78.7#





#51

Acenaphthene

Concen: 60.17 ng

RT: 11.36 min Scan# 899

Delta R.T. -0.00 min

Lab File: BF075577.D

Acq: 16 Nov 2014 11:40

Instrument :

BNA_F

ClientSampleId :

REC-2-1(1.5-2.0)MSD

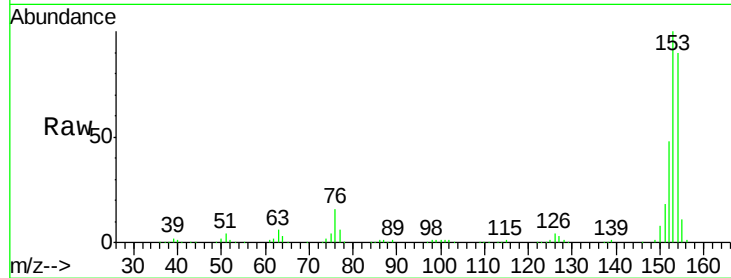
Tgt Ion:154 Resp: 306689

Ion Ratio Lower Upper

154 100

153 111.7 91.2 136.8

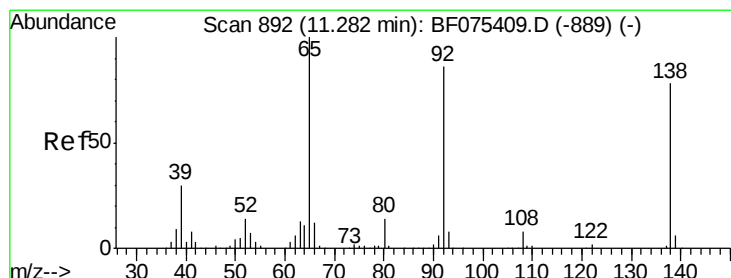
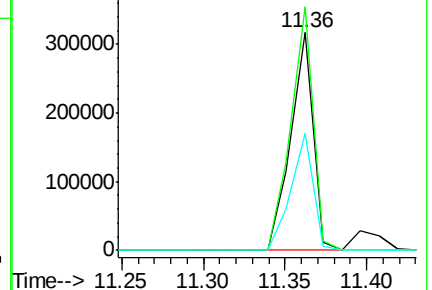
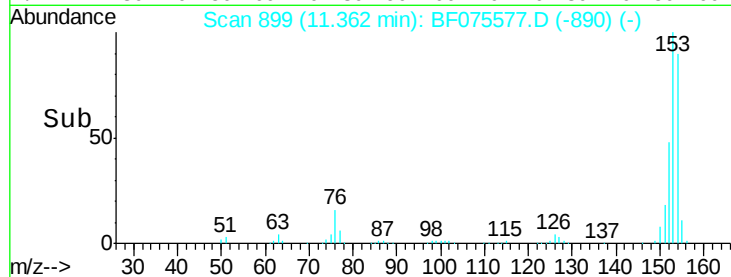
152 53.4 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 46.12 ng

RT: 11.27 min Scan# 891

Delta R.T. -0.00 min

Lab File: BF075577.D

Acq: 16 Nov 2014 11:40

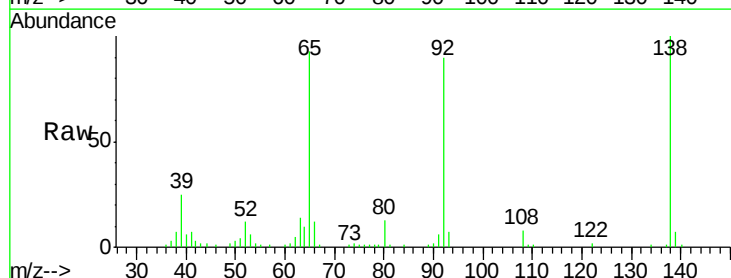
Tgt Ion:138 Resp: 71105

Ion Ratio Lower Upper

138 100

108 8.1 10.2 15.2#

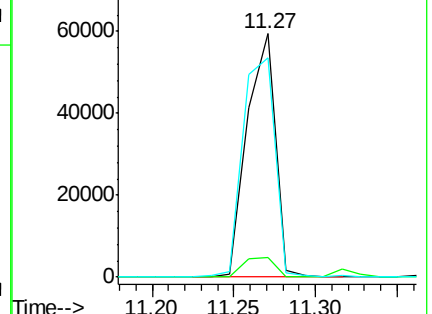
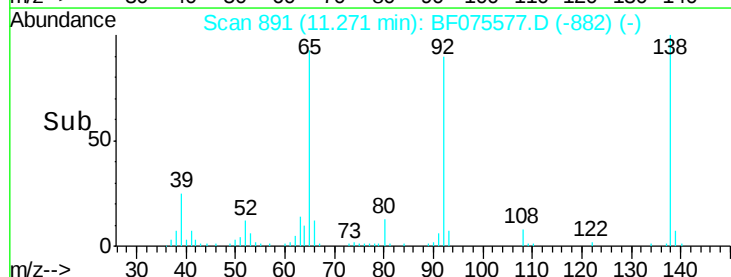
92 90.2 91.0 136.6#

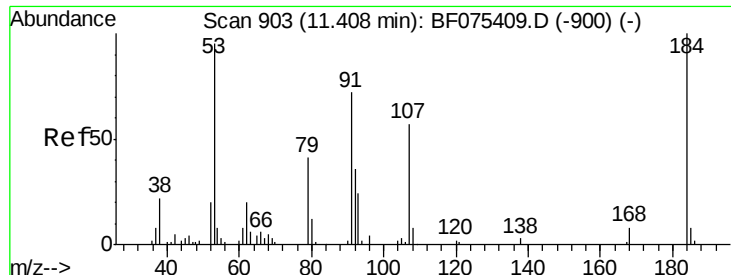


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

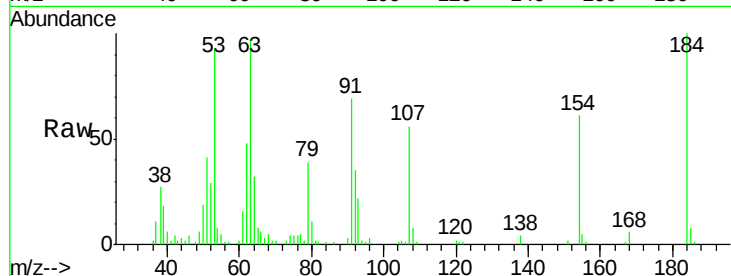




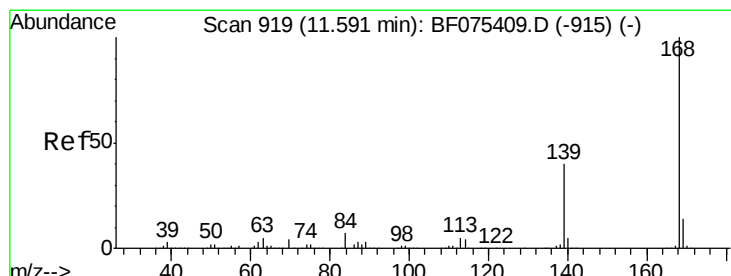
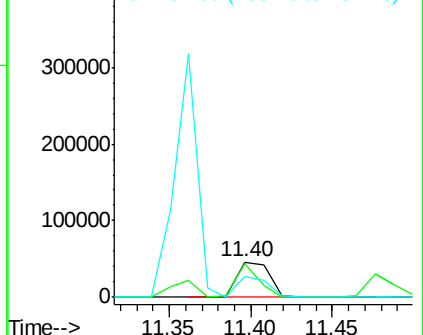
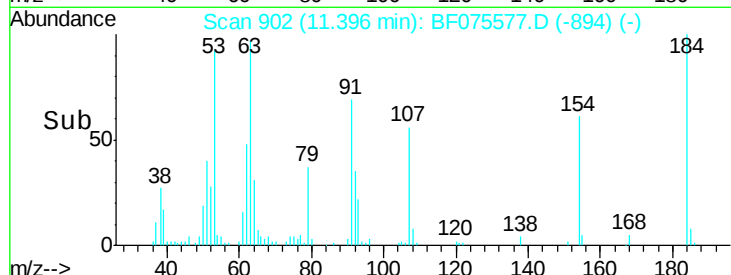
#53
2,4-Dinitrophenol
Concen: 85.40 ng
RT: 11.40 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF075577.D
Acq: 16 Nov 2014 11:40

Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MSD

Tgt Ion:184 Resp: 64418
Ion Ratio Lower Upper
184 100
63 96.7 96.3 144.5
154 60.6 56.2 84.4

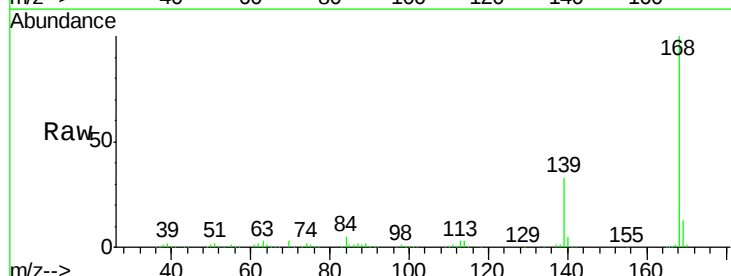


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

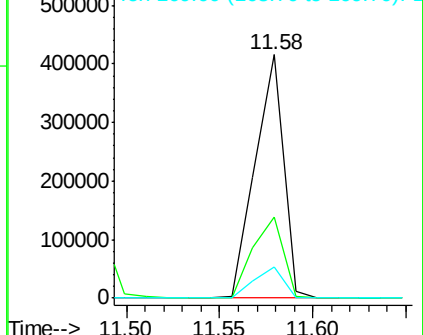
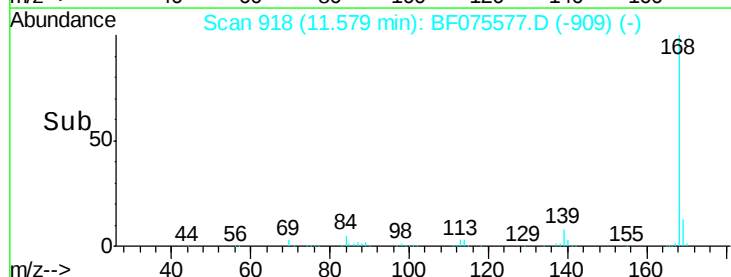


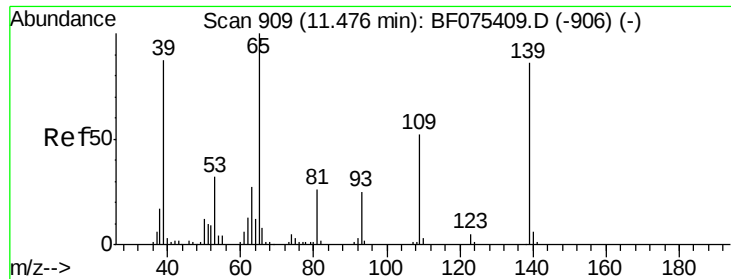
#54
Dibenzofuran
Concen: 59.90 ng
RT: 11.58 min Scan# 918
Delta R.T. -0.00 min
Lab File: BF075577.D
Acq: 16 Nov 2014 11:40

Tgt Ion:168 Resp: 436400
Ion Ratio Lower Upper
168 100
139 33.0 33.0 49.4
169 13.0 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: 127.43 ng

RT: 11.49 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF075577.D

Acq: 16 Nov 2014 11:40

Instrument :

BNA_F

ClientSampleId :

REC-2-1(1.5-2.0)MSD

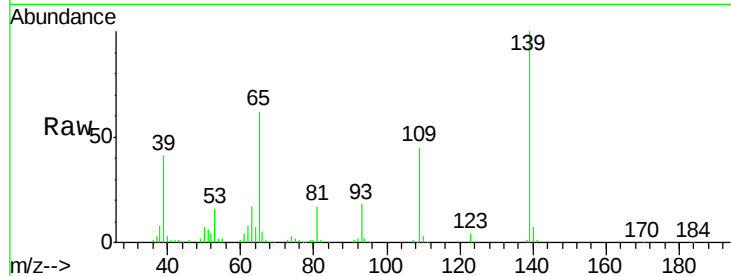
Tgt Ion:139 Resp: 157055

Ion Ratio Lower Upper

139 100

109 45.1 45.8 85.8#

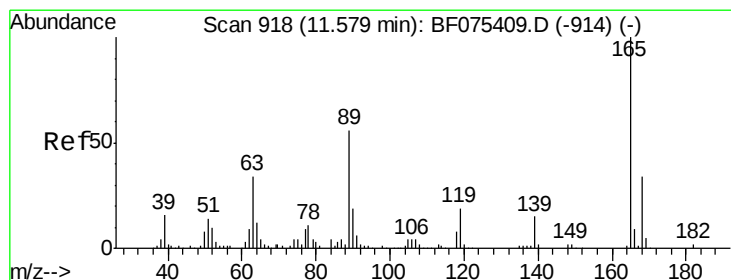
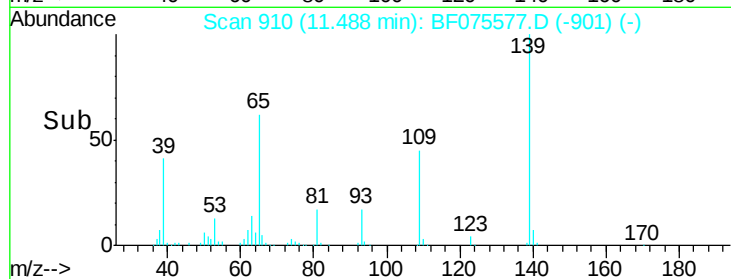
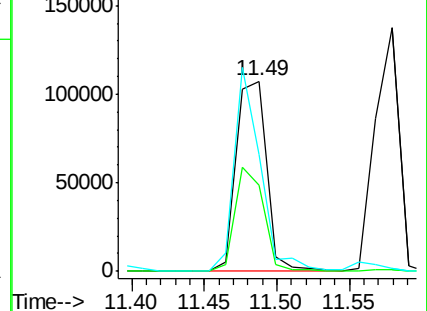
65 61.7 94.8 134.8#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BFO



#56

2,4-Dinitrotoluene

Concen: 63.61 ng

RT: 11.56 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF075577.D

Acq: 16 Nov 2014 11:40

Tgt Ion:165 Resp: 109259

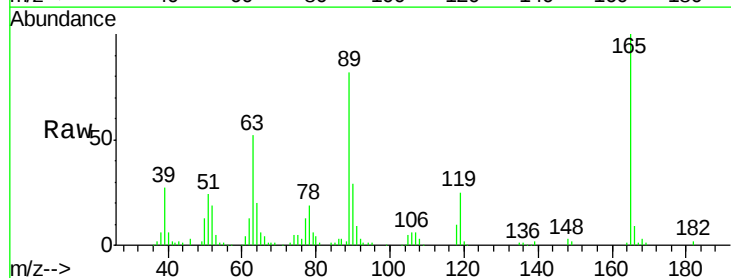
Ion Ratio Lower Upper

165 100

63 52.1 27.0 40.6#

89 81.9 47.8 71.6#

182 2.2 1.7 2.5

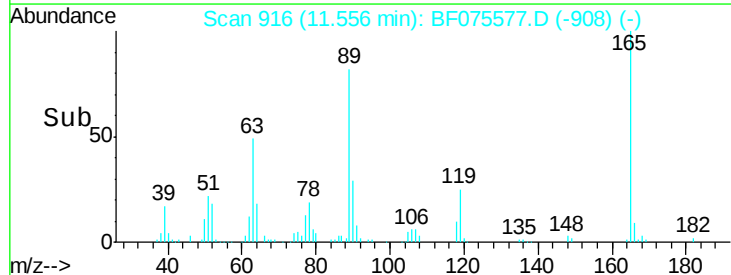
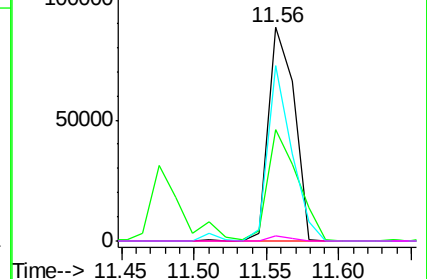


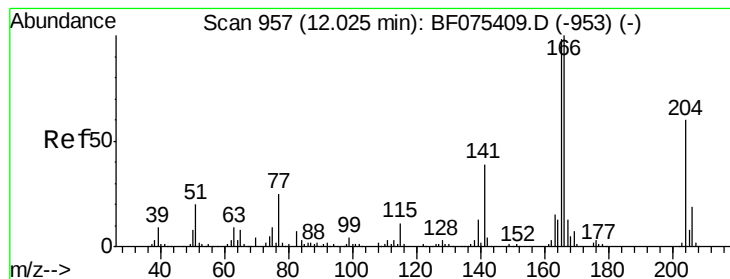
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BFO

Ion 89.00 (88.70 to 89.70): BFO

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 59.55 ng

RT: 12.00 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF075577.D

Acq: 16 Nov 2014 11:40

Instrument :

BNA_F

ClientSampleId :

REC-2-1(1.5-2.0)MSD

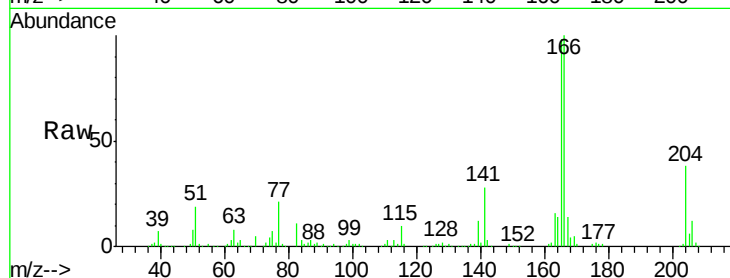
Tgt Ion:166 Resp: 350839

Ion Ratio Lower Upper

166 100

165 98.5 78.8 118.2

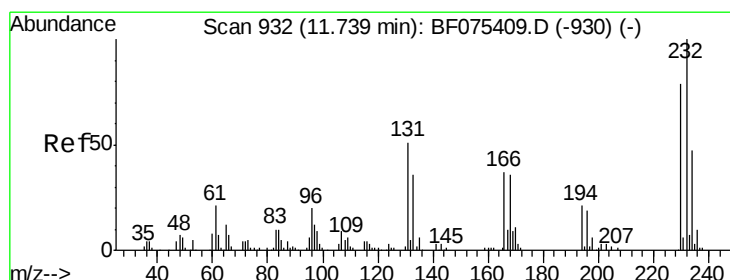
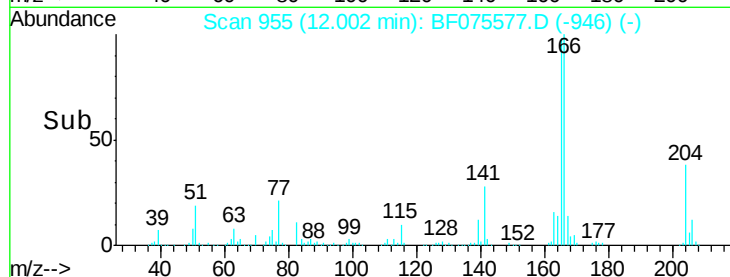
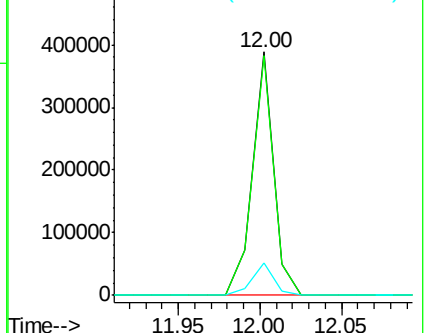
167 13.5 10.6 15.8



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: 59.81 ng

RT: 11.73 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF075577.D

Acq: 16 Nov 2014 11:40

Tgt Ion:232 Resp: 78490

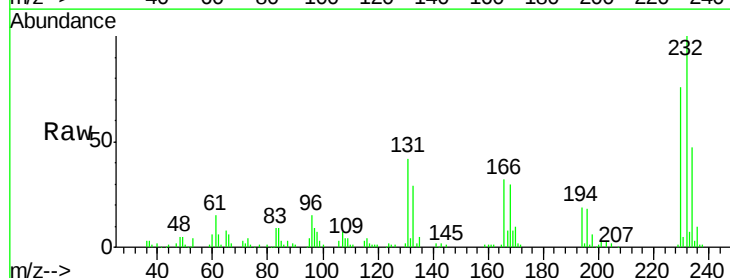
Ion Ratio Lower Upper

232 100

131 50.4 44.6 67.0

130 2.3 2.5 3.7#

166 34.7 29.3 43.9

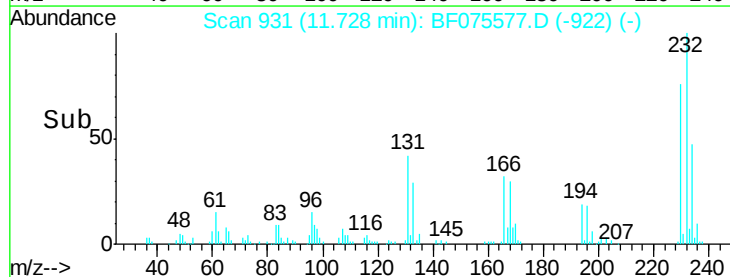
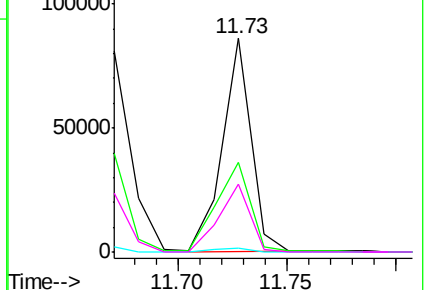


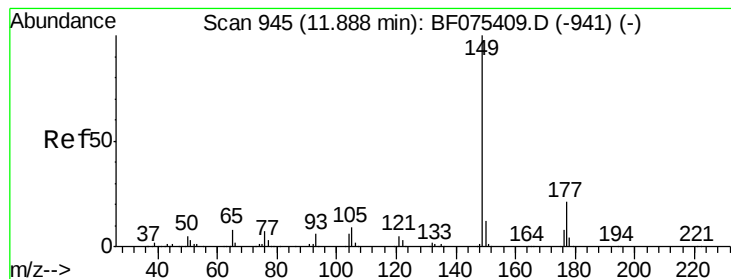
Abundance Ion 232.00 (231.70 to 232.70): E

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: 53.75 ng

RT: 11.86 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF075577.D

Acq: 16 Nov 2014 11:40

Instrument :

BNA_F

ClientSampleId :

REC-2-1(1.5-2.0)MSD

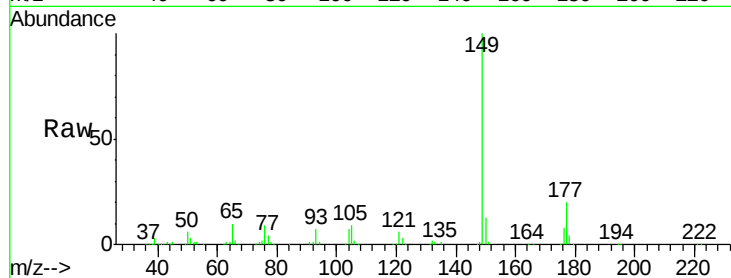
Tgt Ion:149 Resp: 370292

Ion Ratio Lower Upper

149 100

177 20.4 15.8 23.8

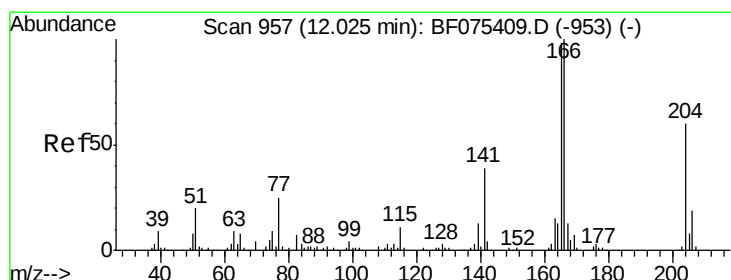
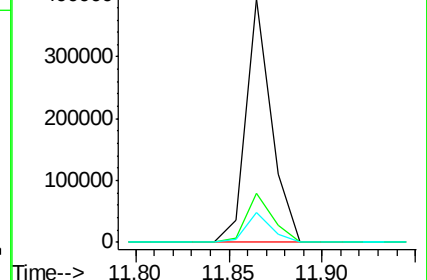
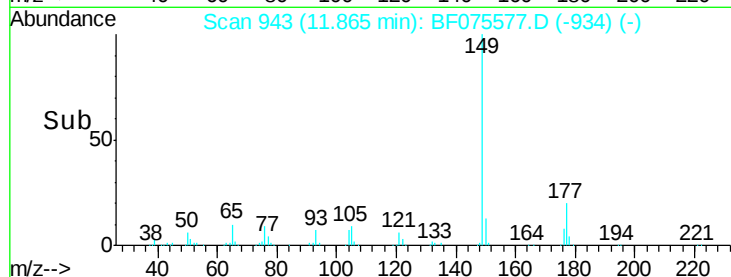
150 12.5 9.9 14.9



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: 56.43 ng

RT: 12.00 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF075577.D

Acq: 16 Nov 2014 11:40

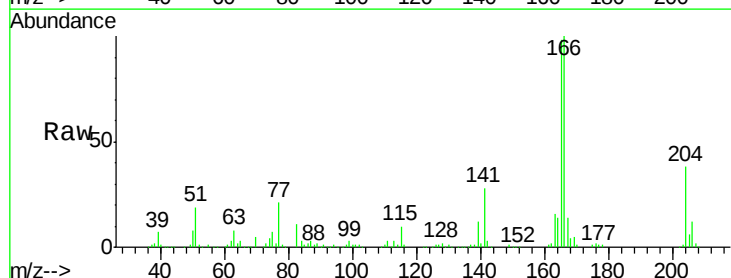
Tgt Ion:204 Resp: 142953

Ion Ratio Lower Upper

204 100

206 31.7 25.1 37.7

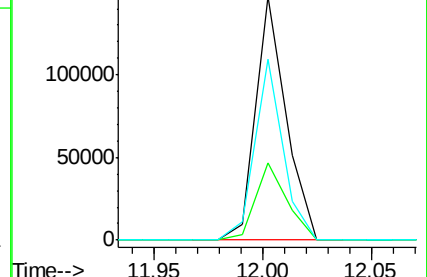
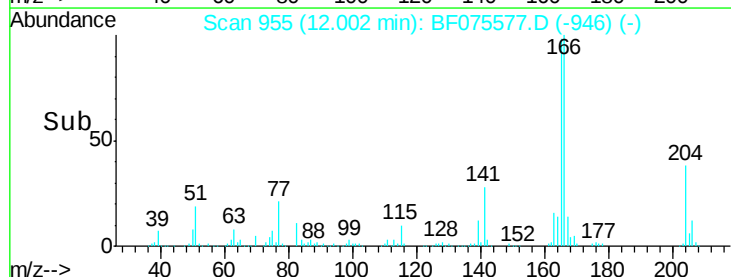
141 74.5 58.6 87.8

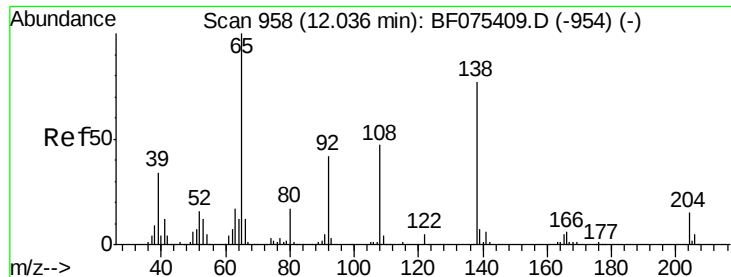


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

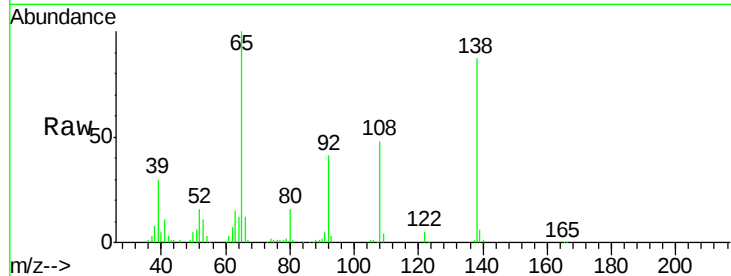




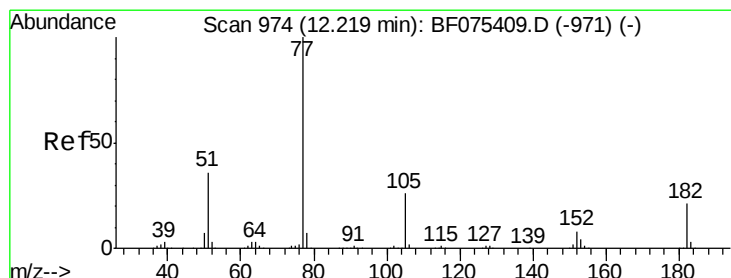
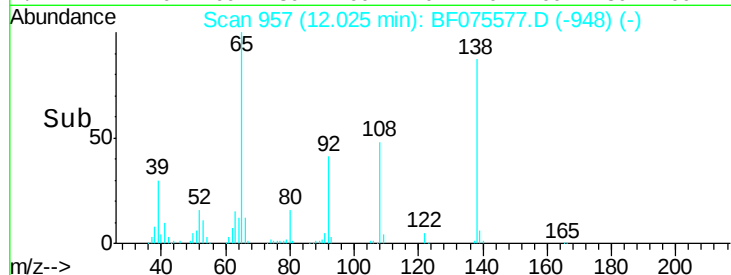
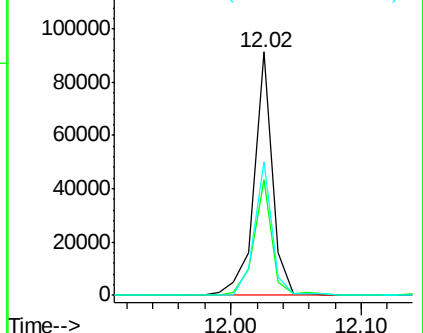
#61
4-Nitroaniline
Concen: 58.23 ng
RT: 12.02 min Scan# 957
Delta R.T. -0.00 min
Lab File: BF075577.D
Acq: 16 Nov 2014 11:40

Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MSD

Tgt Ion:138 Resp: 89749
Ion Ratio Lower Upper
138 100
92 47.7 34.8 74.8
108 54.9 50.6 90.6

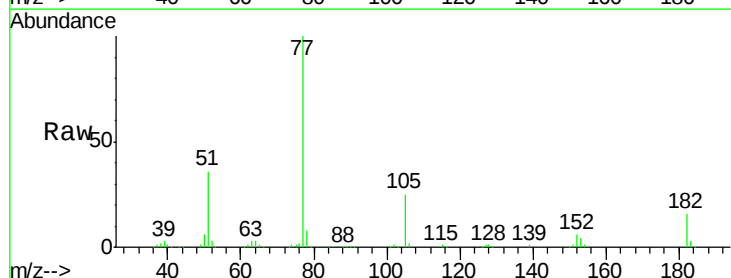


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

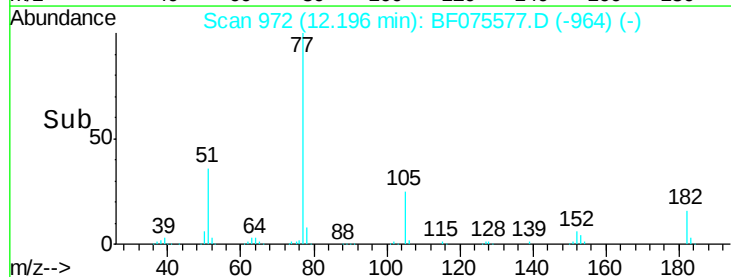
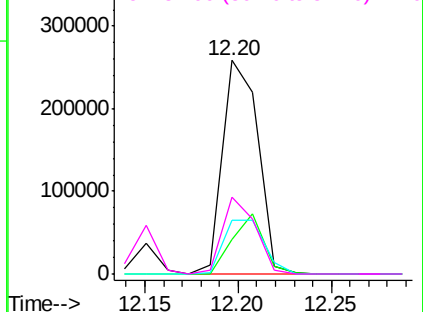


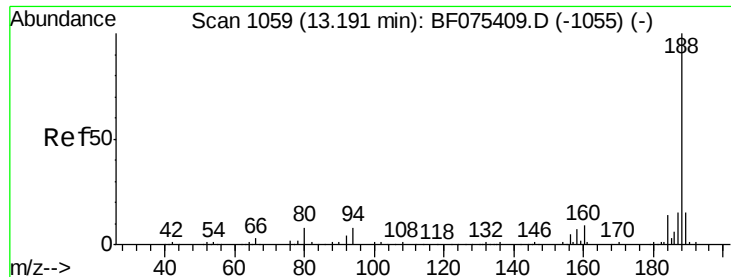
#62
Azobenzene
Concen: 56.37 ng
RT: 12.20 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF075577.D
Acq: 16 Nov 2014 11:40

Tgt Ion: 77 Resp: 341646
Ion Ratio Lower Upper
77 100
182 16.1 0.0 37.1
105 25.1 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

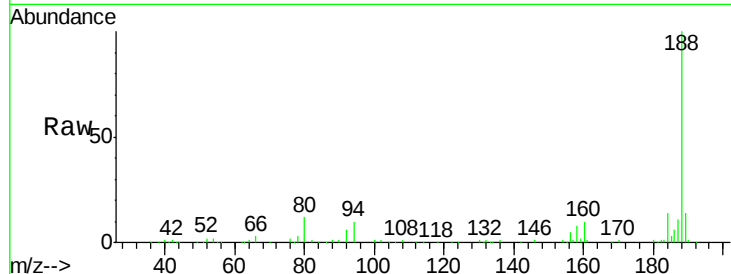




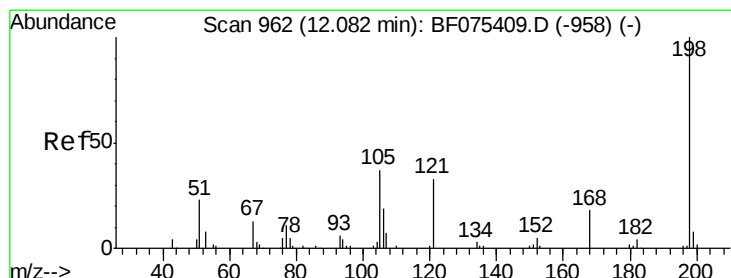
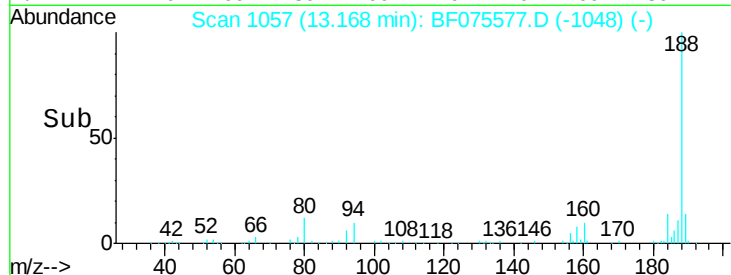
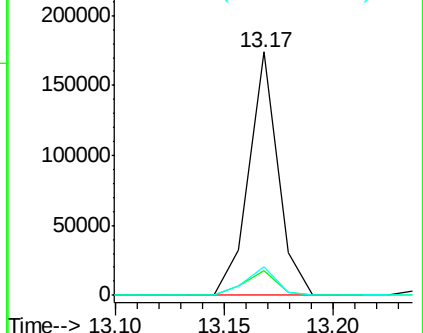
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.17 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF075577.D
Acq: 16 Nov 2014 11:40

Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MSD

Tgt Ion:188 Resp: 162815
Ion Ratio Lower Upper
188 100
94 10.4 7.8 11.6
80 11.7 8.0 12.0

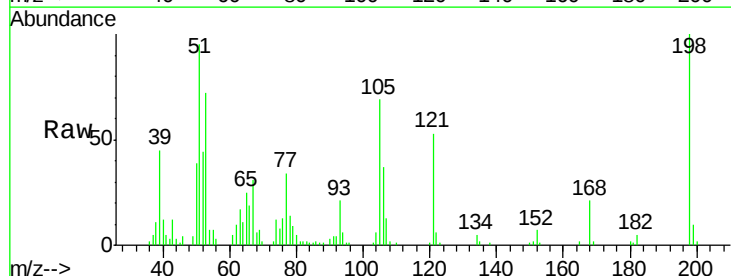


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

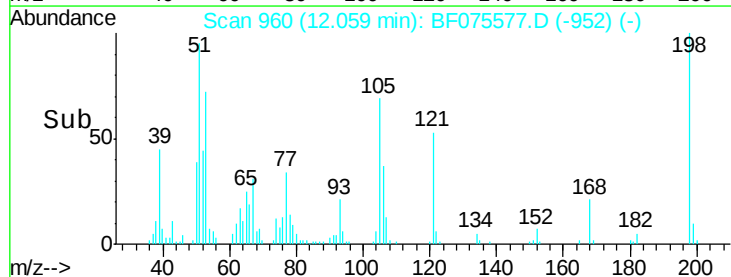
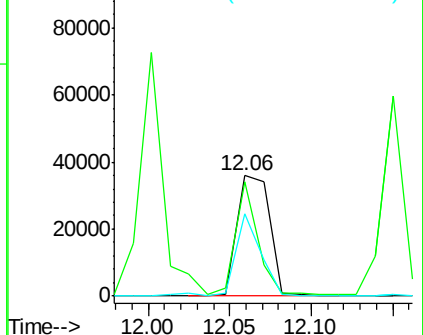


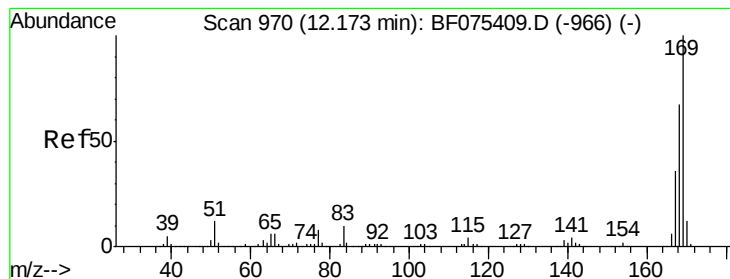
#64
4,6-Dinitro-2-methylphenol
Concen: 59.90 ng
RT: 12.06 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF075577.D
Acq: 16 Nov 2014 11:40

Tgt Ion:198 Resp: 49325
Ion Ratio Lower Upper
198 100
51 94.9 26.0 66.0#
105 68.7 24.2 64.2#



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

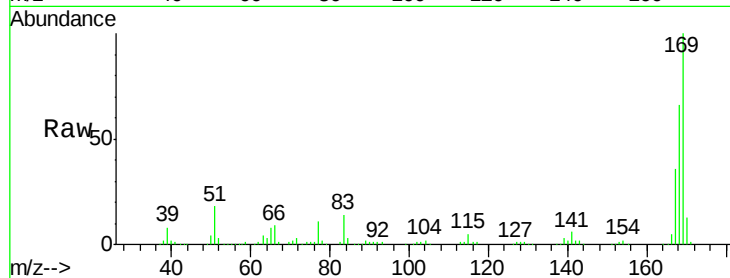




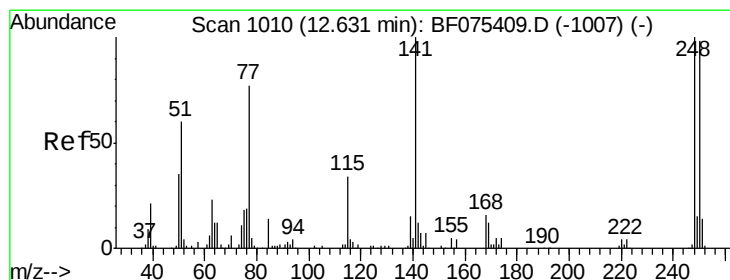
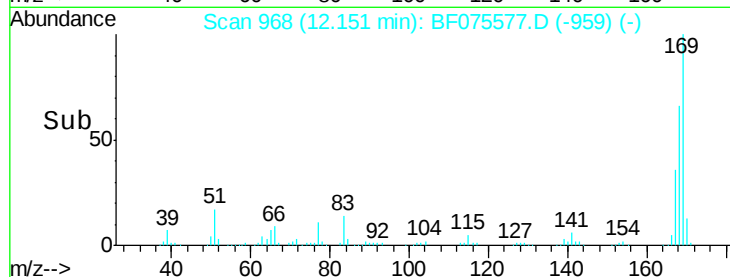
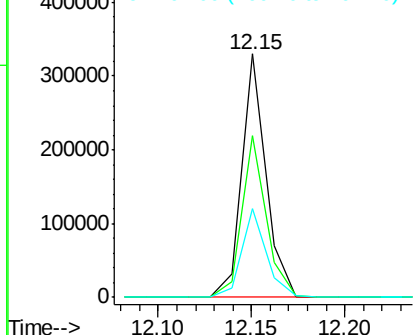
#65
 n-Nitrosodiphenylamine
 Concen: 57.73 ng
 RT: 12.15 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: BF075577.D
 Acq: 16 Nov 2014 11:40

Instrument :
 BNA_F
 ClientSampleId :
 REC-2-1(1.5-2.0)MSD

Tgt Ion:169 Resp: 297310
 Ion Ratio Lower Upper
 169 100
 168 66.2 53.5 80.3
 167 36.4 29.8 44.6

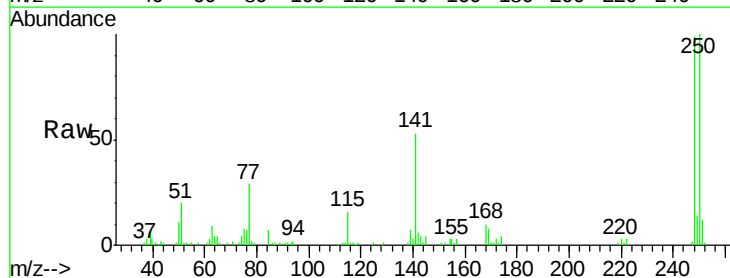


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

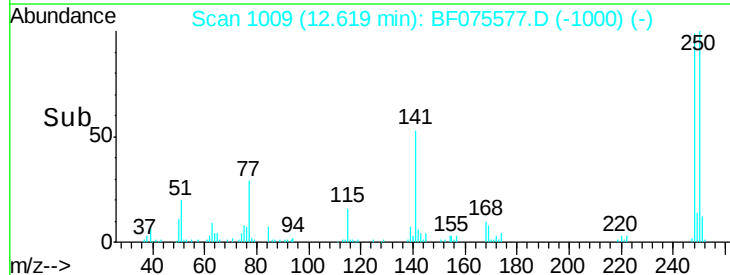
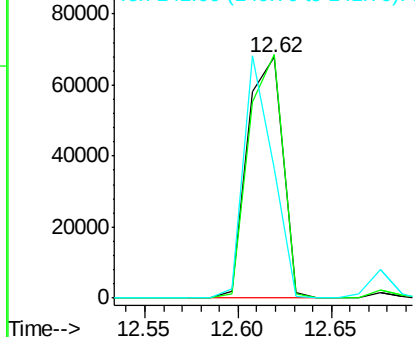


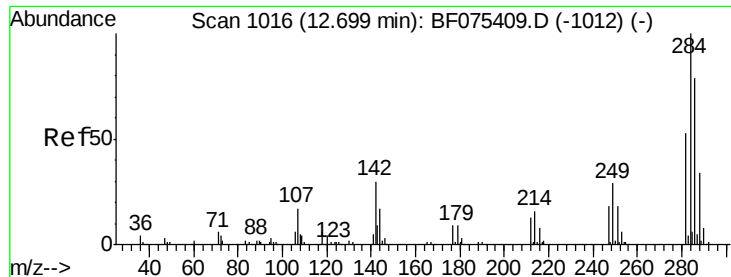
#66
 4-Bromophenyl-phenylether
 Concen: 57.78 ng
 RT: 12.62 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF075577.D
 Acq: 16 Nov 2014 11:40

Tgt Ion:248 Resp: 88499
 Ion Ratio Lower Upper
 248 100
 250 101.1 76.3 114.5
 141 53.7 44.3 66.5



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

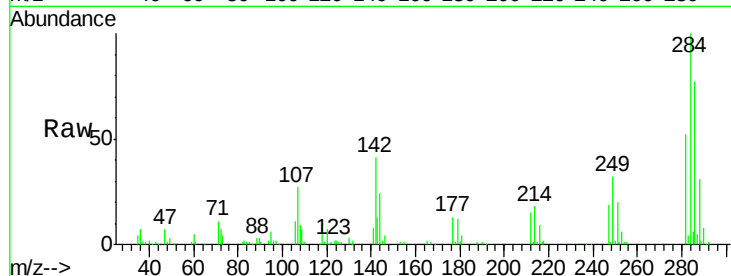




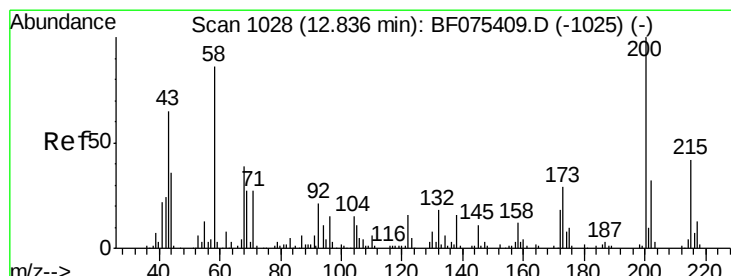
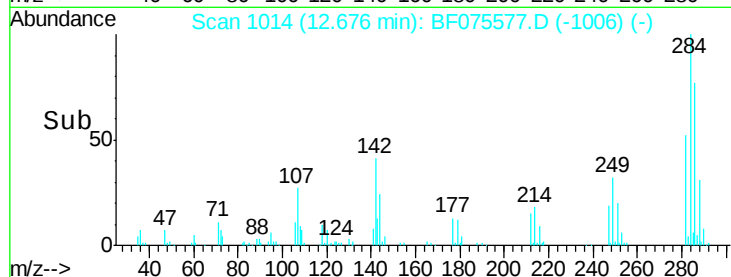
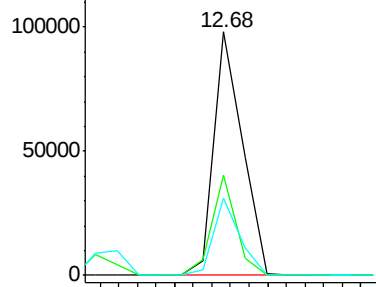
#67
Hexachlorobenzene
Concen: 59.94 ng
RT: 12.68 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF075577.D
Acq: 16 Nov 2014 11:40

Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MSD

Tgt Ion:284 Resp: 104260
Ion Ratio Lower Upper
284 100
142 41.4 28.7 43.1
249 31.6 24.1 36.1

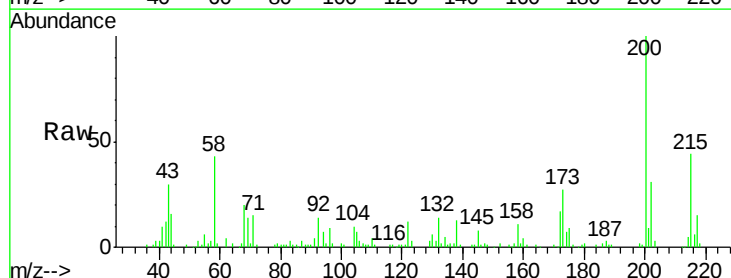


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

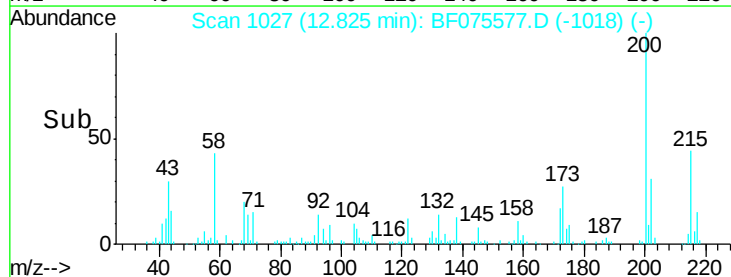
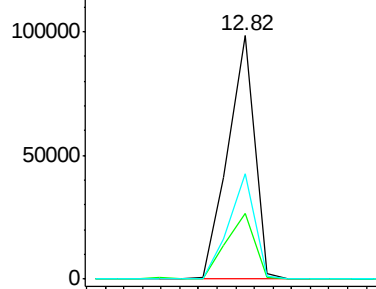


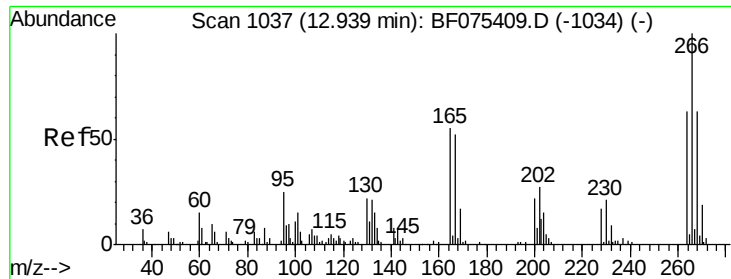
#68
Atrazine
Concen: 61.11 ng
RT: 12.82 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF075577.D
Acq: 16 Nov 2014 11:40

Tgt Ion:200 Resp: 97667
Ion Ratio Lower Upper
200 100
173 26.9 12.3 52.3
215 43.5 23.8 63.8



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





#69

Pentachlorophenol

Concen: 100.17 ng

RT: 12.93 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF075577.D

Acq: 16 Nov 2014 11:40

Instrument :

BNA_F

ClientSampleId :

REC-2-1(1.5-2.0)MSD

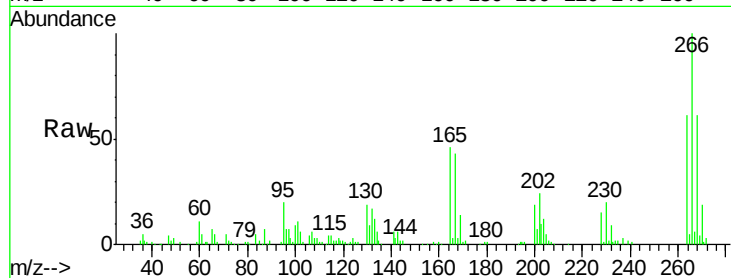
Tgt Ion:266 Resp: 109363

Ion Ratio Lower Upper

266 100

268 60.8 48.6 73.0

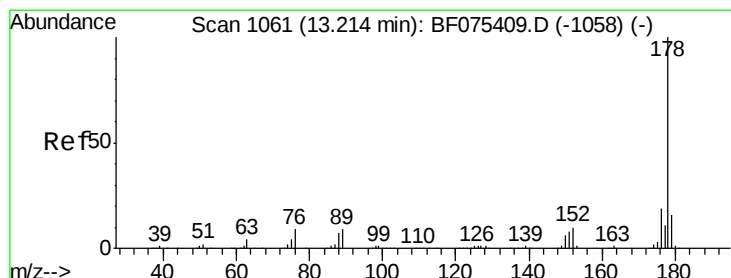
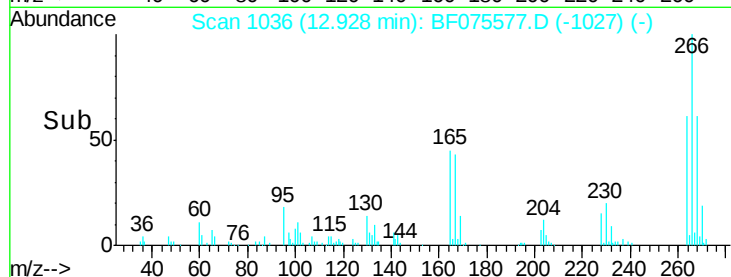
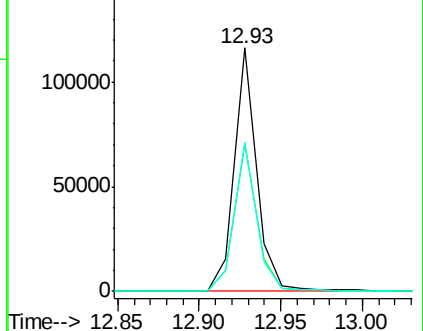
264 61.3 52.1 78.1



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 63.46 ng

RT: 13.20 min Scan# 1060

Delta R.T. -0.00 min

Lab File: BF075577.D

Acq: 16 Nov 2014 11:40

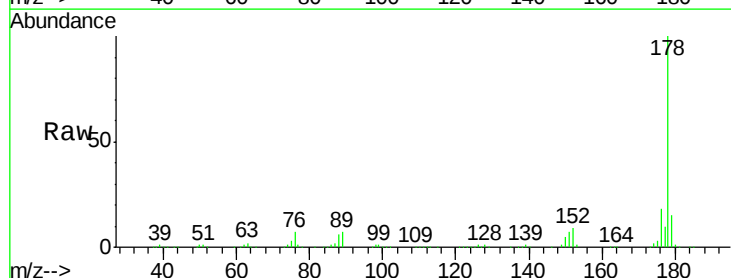
Tgt Ion:178 Resp: 543763

Ion Ratio Lower Upper

178 100

176 18.4 15.3 22.9

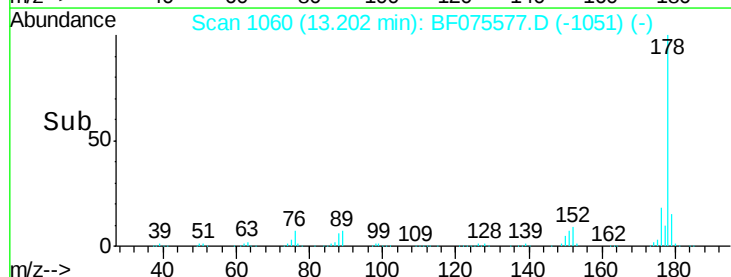
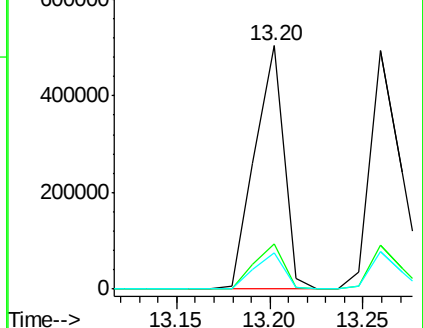
179 15.0 12.2 18.4

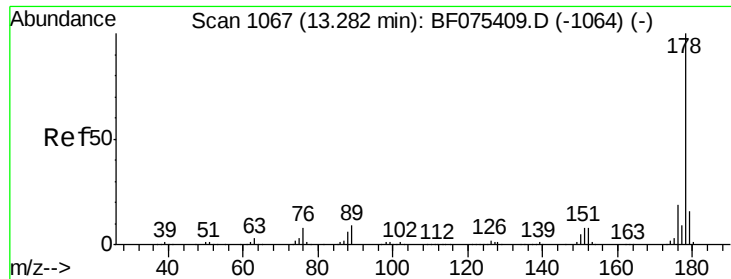


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

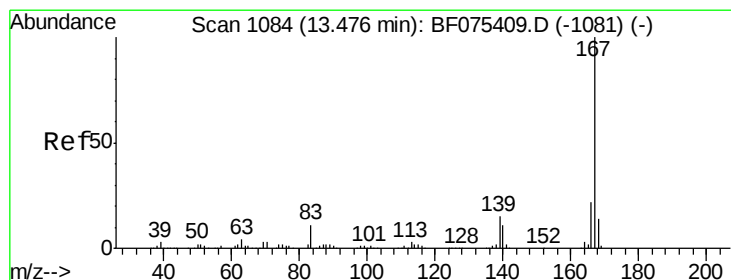
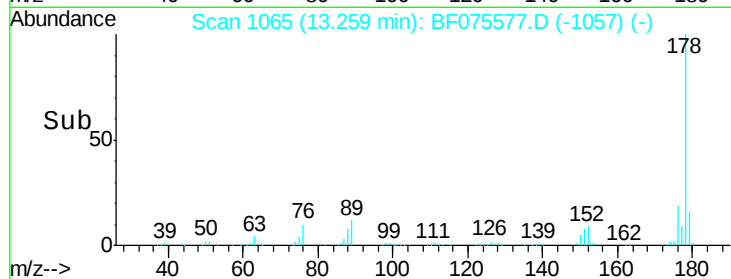
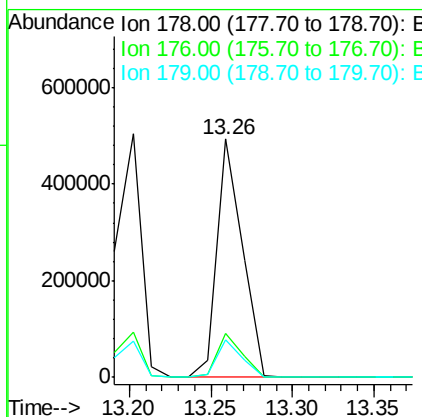
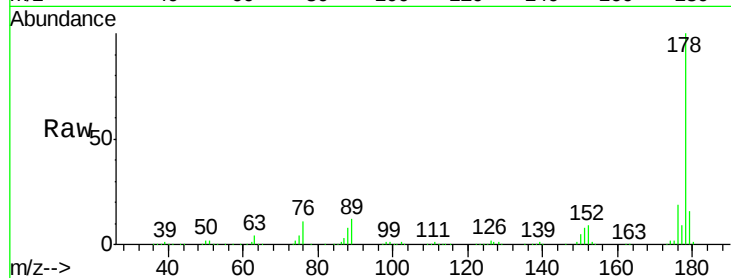




#71
 Anthracene
 Concen: 59.90 ng
 RT: 13.26 min Scan# 1065
 Delta R.T. -0.01 min
 Lab File: BF075577.D
 Acq: 16 Nov 2014 11:40

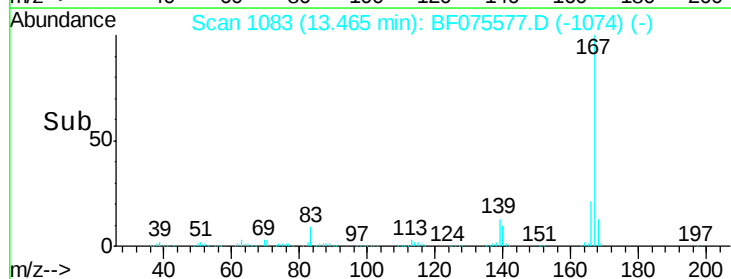
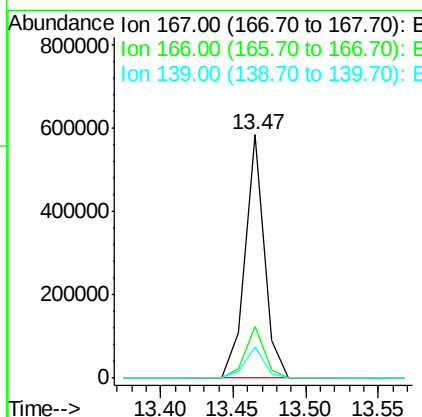
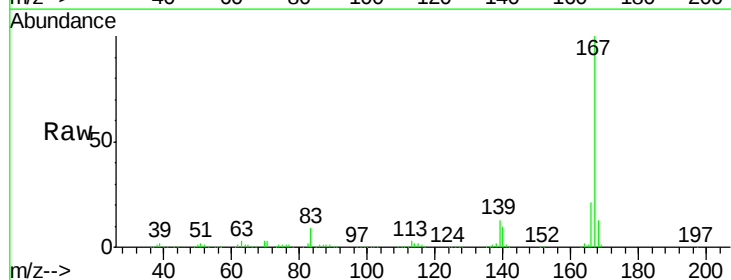
Instrument :
 BNA_F
 ClientSampleId :
 REC-2-1(1.5-2.0)MSD

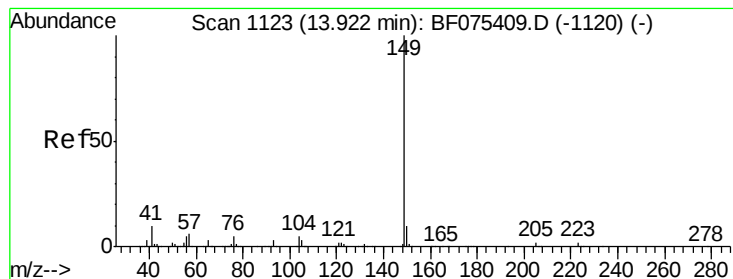
Tgt Ion:178 Resp: 530532
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.1 22.7
 179 15.7 12.2 18.2



#72
 Carbazole
 Concen: 62.14 ng
 RT: 13.47 min Scan# 1083
 Delta R.T. -0.00 min
 Lab File: BF075577.D
 Acq: 16 Nov 2014 11:40

Tgt Ion:167 Resp: 538558
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.4 26.0
 139 12.9 10.1 15.1





#73

Di-n-butylphthalate

Concen: 52.62 ng

RT: 13.90 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BF075577.D

Acq: 16 Nov 2014 11:40

Instrument :

BNA_F

ClientSampleId :

REC-2-1(1.5-2.0)MSD

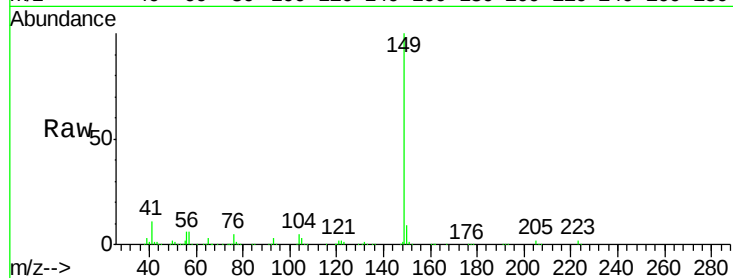
Tgt Ion:149 Resp: 629876

Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

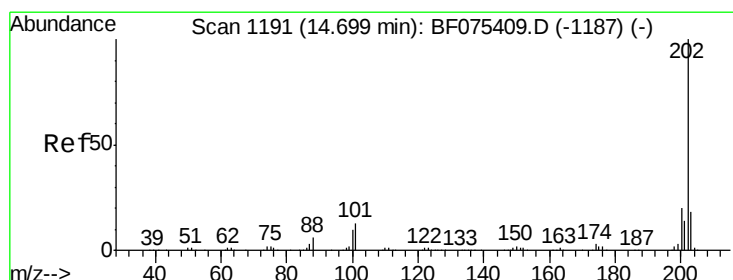
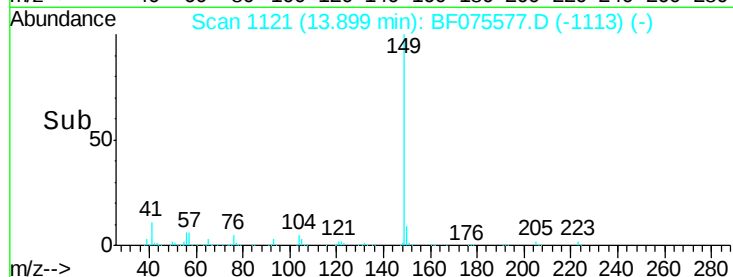
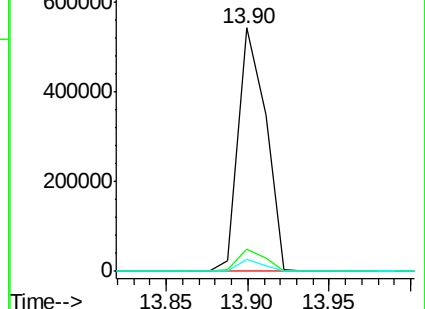
104 4.7 3.1 4.7#



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: 61.68 ng

RT: 14.68 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF075577.D

Acq: 16 Nov 2014 11:40

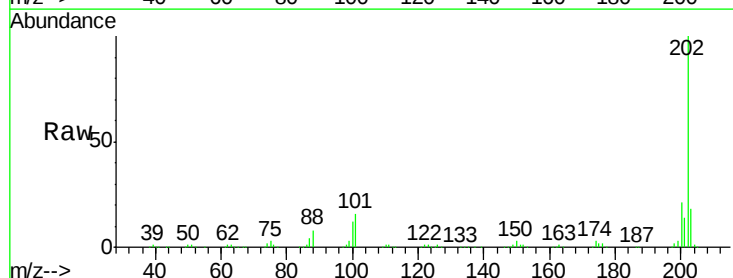
Tgt Ion:202 Resp: 566057

Ion Ratio Lower Upper

202 100

101 16.3 0.0 36.6

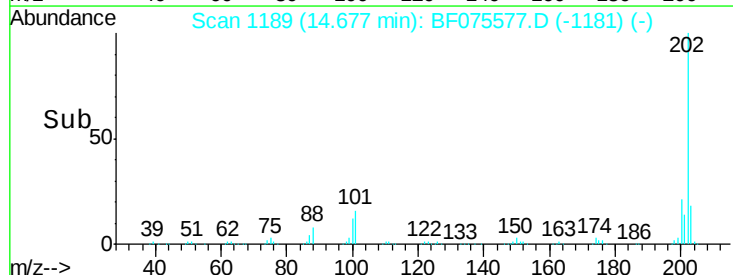
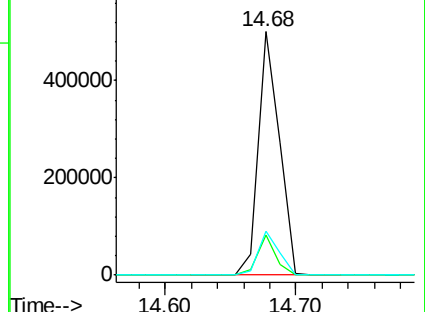
203 18.0 0.0 38.2

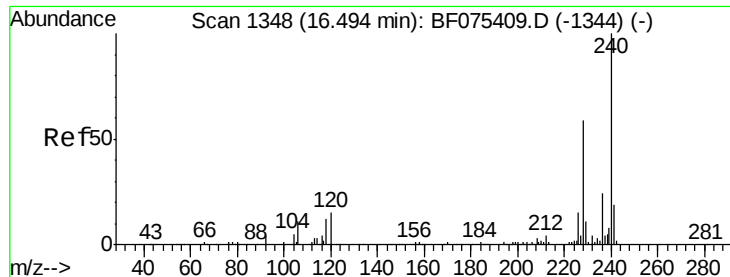


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.46 min Scan# 1345

Delta R.T. -0.02 min

Lab File: BF075577.D

Acq: 16 Nov 2014 11:40

Instrument :

BNA_F

ClientSampleId :

REC-2-1(1.5-2.0)MSD

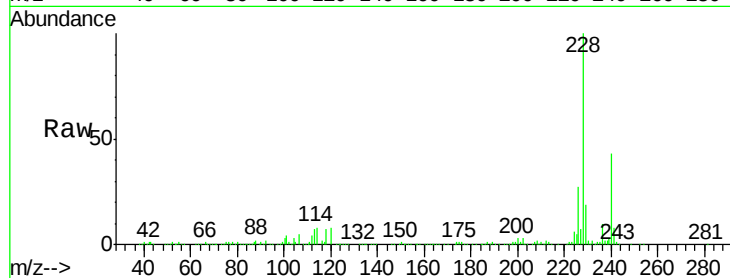
Tgt Ion:240 Resp: 166917

Ion Ratio Lower Upper

240 100

120 18.1 9.6 14.4#

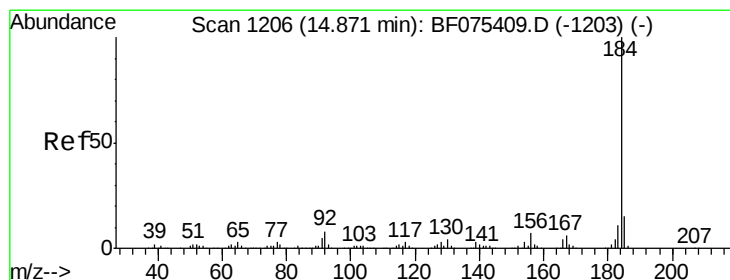
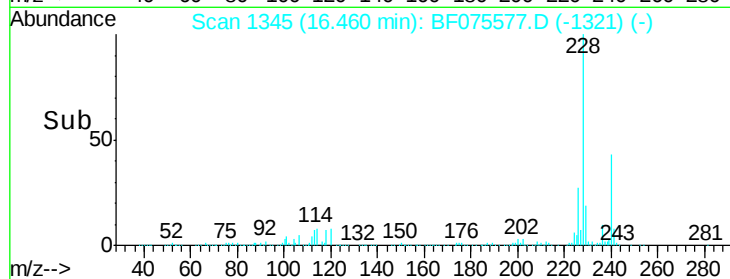
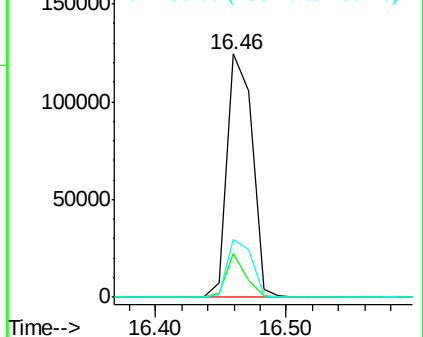
236 23.9 18.9 28.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 25.17 ng

RT: 14.85 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF075577.D

Acq: 16 Nov 2014 11:40

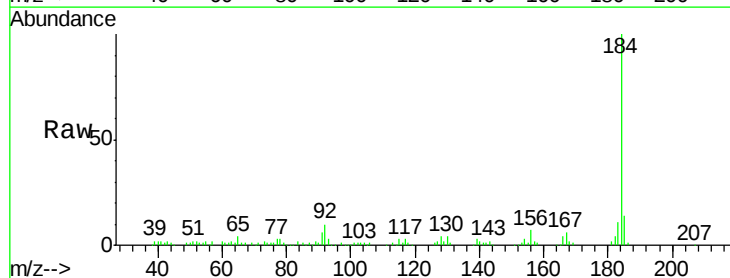
Tgt Ion:184 Resp: 133589

Ion Ratio Lower Upper

184 100

185 14.2 10.9 16.3

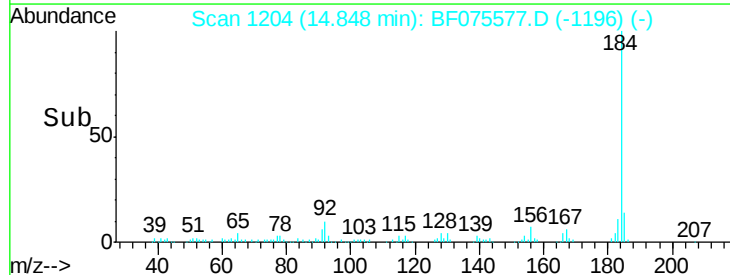
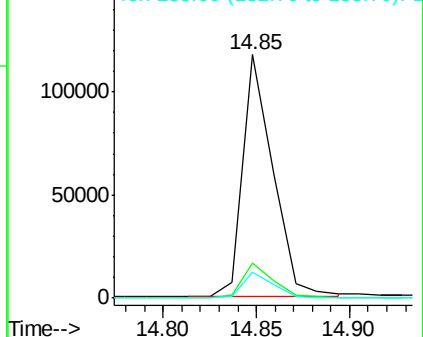
183 10.7 8.7 13.1

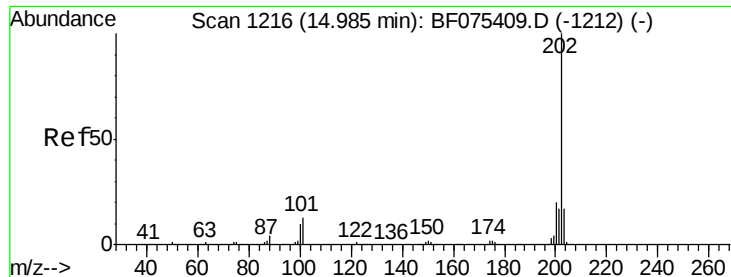


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 61.04 ng

RT: 14.96 min Scan# 1214

Delta R.T. -0.00 min

Lab File: BF075577.D

Acq: 16 Nov 2014 11:40

Instrument :

BNA_F

ClientSampleId :

REC-2-1(1.5-2.0)MSD

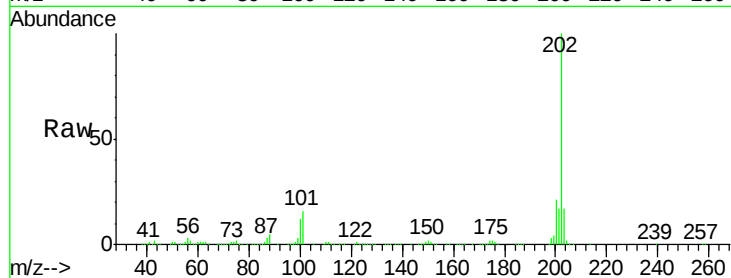
Tgt Ion:202 Resp: 592289

Ion Ratio Lower Upper

202 100

200 21.0 16.8 25.2

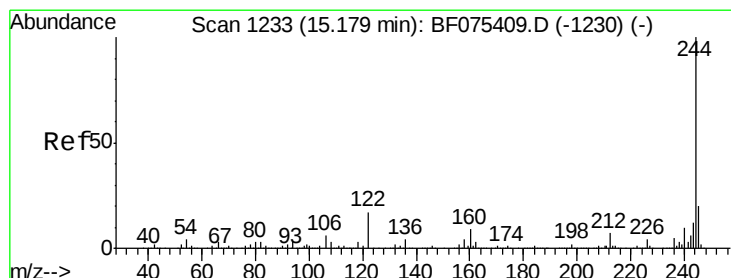
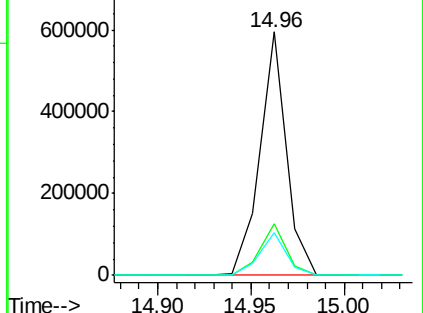
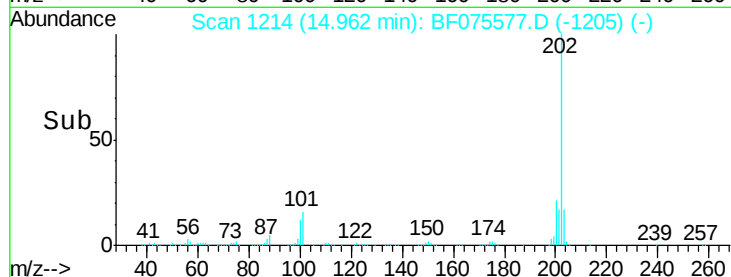
203 17.5 14.3 21.5



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: 111.98 ng

RT: 15.17 min Scan# 1232

Delta R.T. -0.00 min

Lab File: BF075577.D

Acq: 16 Nov 2014 11:40

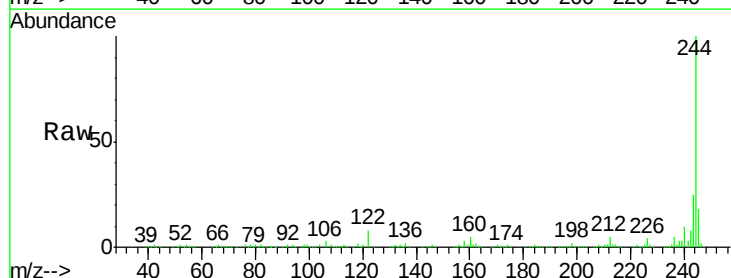
Tgt Ion:244 Resp: 694305

Ion Ratio Lower Upper

244 100

212 5.4 5.5 8.3#

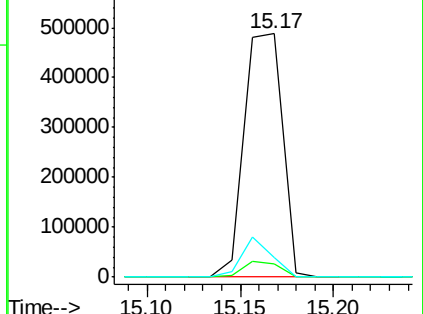
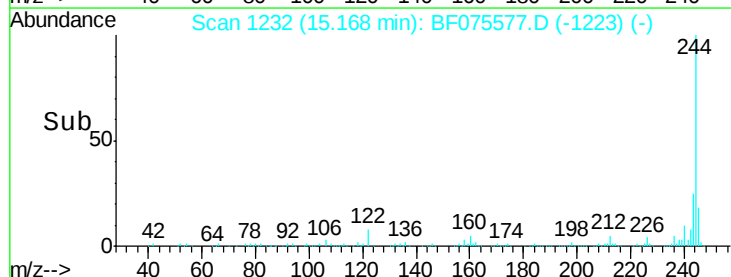
122 8.3 9.7 14.5#

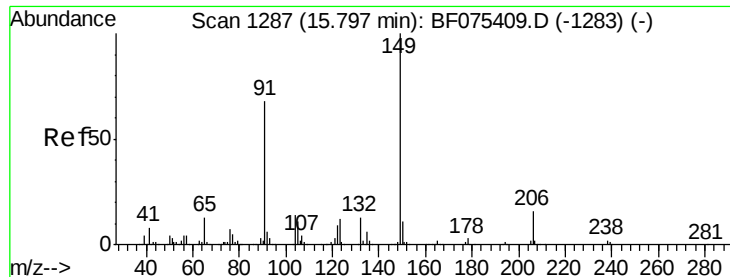


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

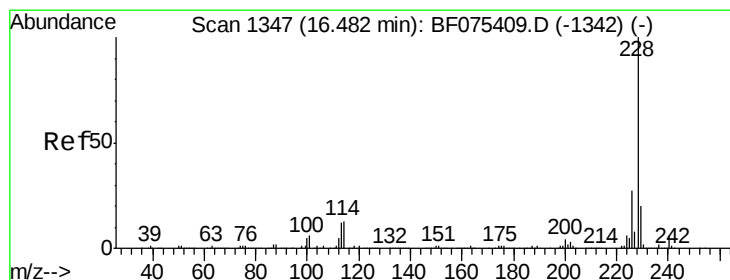
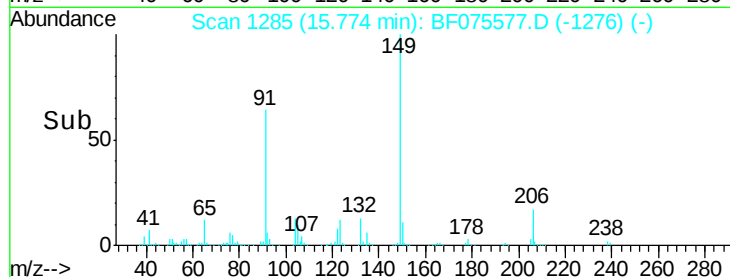
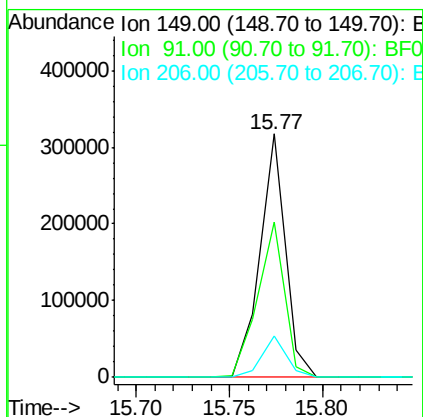
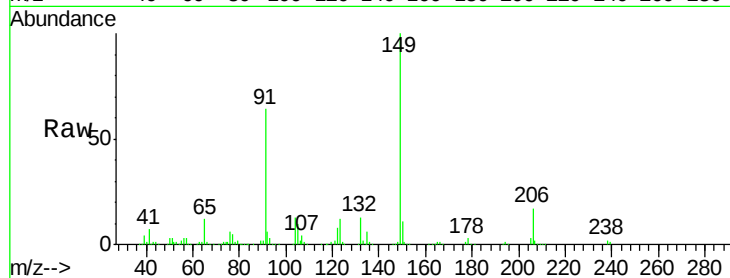




#79
Butylbenzylphthalate
Concen: 55.02 ng
RT: 15.77 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BF075577.D
Acq: 16 Nov 2014 11:40

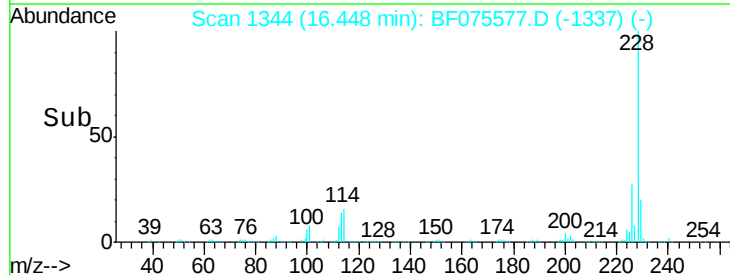
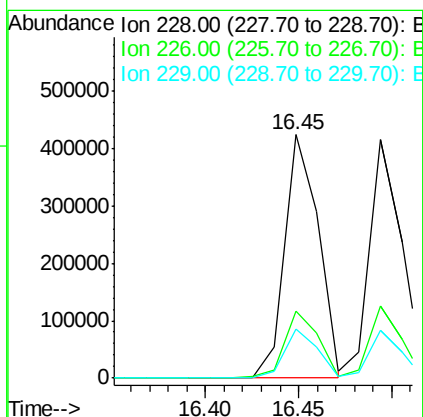
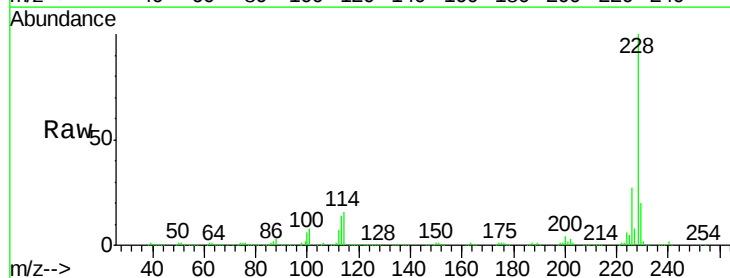
Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MSD

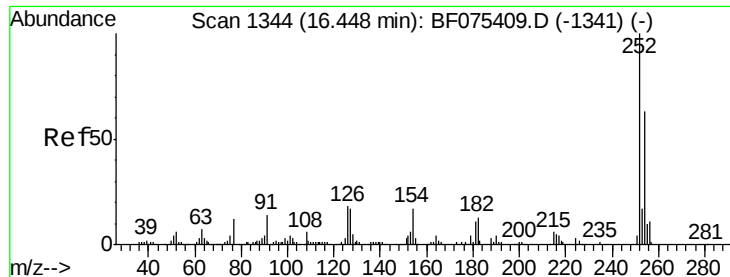
Tgt Ion:149 Resp: 299828
Ion Ratio Lower Upper
149 100
91 63.7 49.0 73.4
206 17.2 15.5 23.3



#80
Benzo(a)anthracene
Concen: 61.35 ng
RT: 16.45 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BF075577.D
Acq: 16 Nov 2014 11:40

Tgt Ion:228 Resp: 537994
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 20.1 15.3 22.9

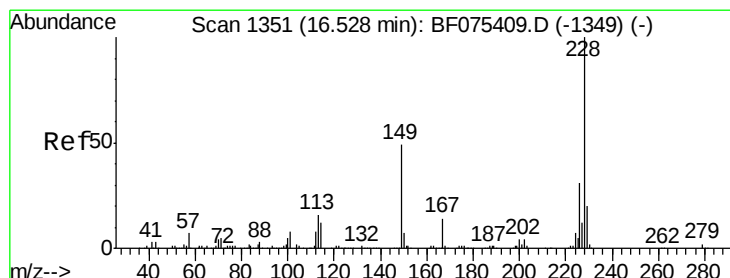
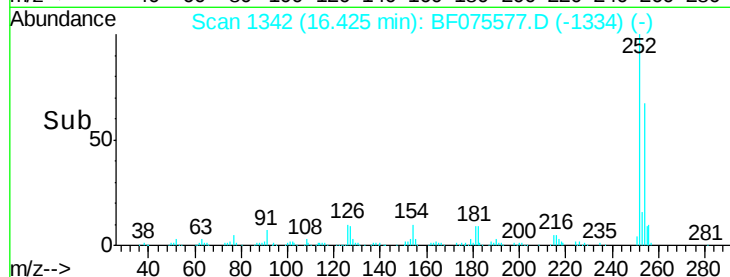
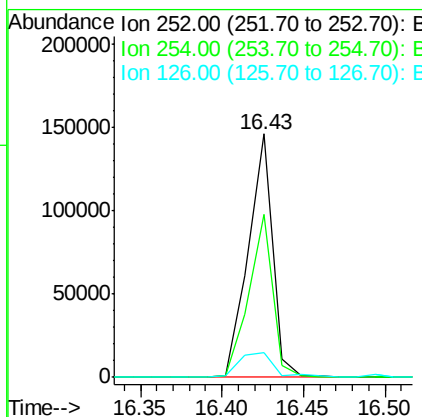
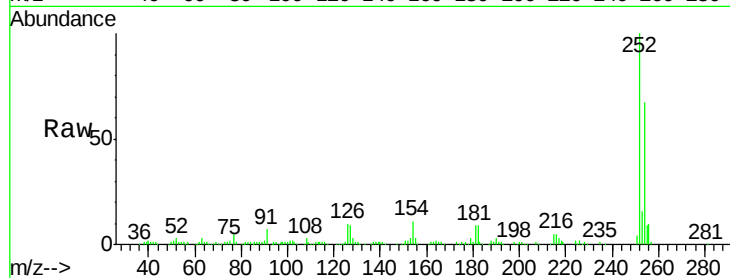




#81
 3,3'-Dichlorobenzidine
 Concen: 47.05 ng
 RT: 16.43 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF075577.D
 Acq: 16 Nov 2014 11:40

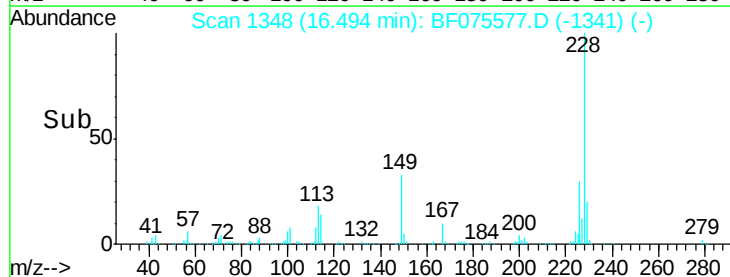
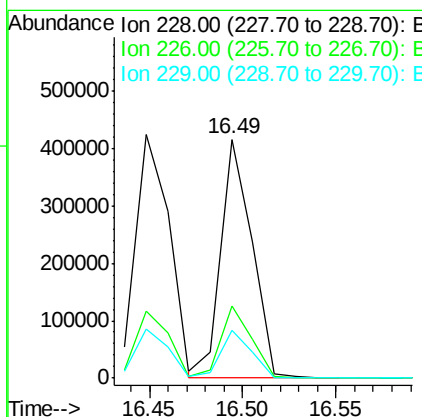
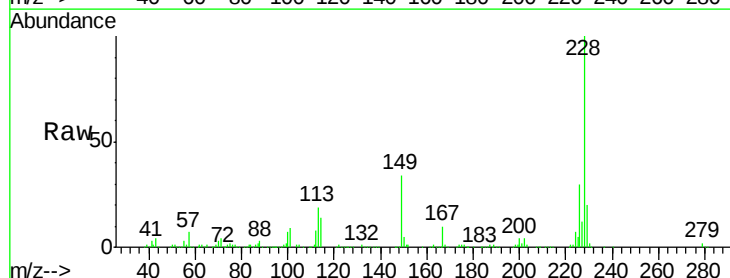
Instrument :
 BNA_F
 ClientSampleId :
 REC-2-1(1.5-2.0)MSD

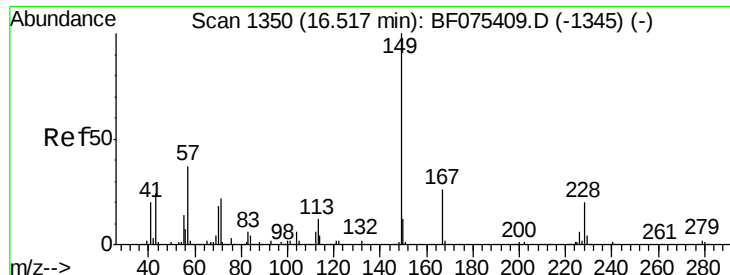
Tgt Ion	Ratio	Lower	Upper
252	100		
254	67.0	50.0	75.0
126	10.0	16.0	24.0



#82
 Chrysene
 Concen: 63.84 ng
 RT: 16.49 min Scan# 1348
 Delta R.T. -0.02 min
 Lab File: BF075577.D
 Acq: 16 Nov 2014 11:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.8	35.6
229	19.9	15.8	23.6

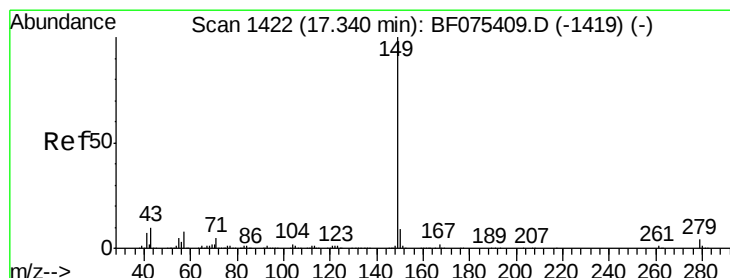
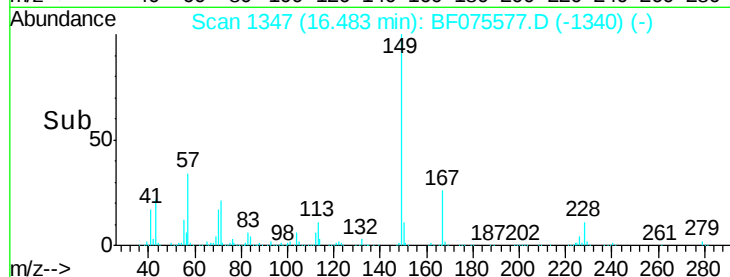
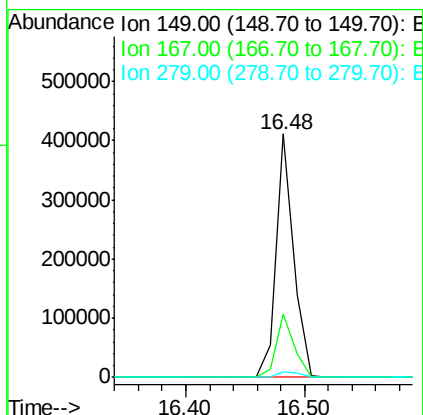
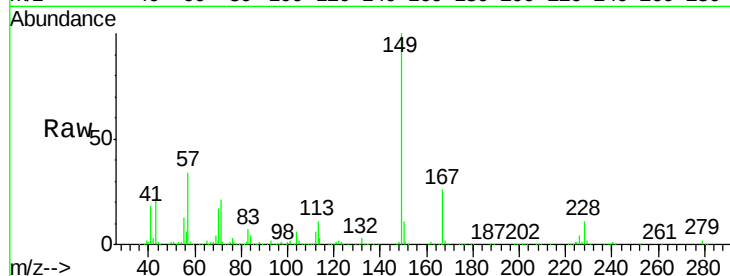




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.98 ng
 RT: 16.48 min Scan# 1347
 Delta R.T. -0.02 min
 Lab File: BF075577.D
 Acq: 16 Nov 2014 11:40

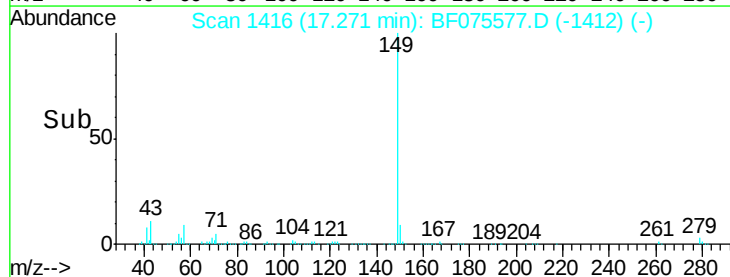
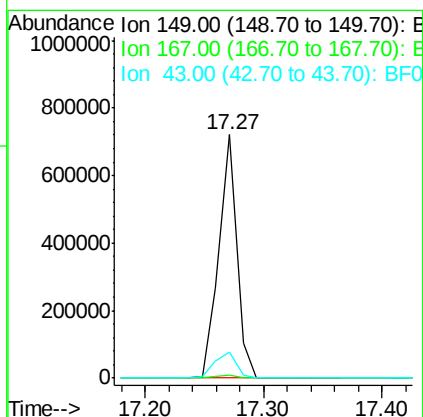
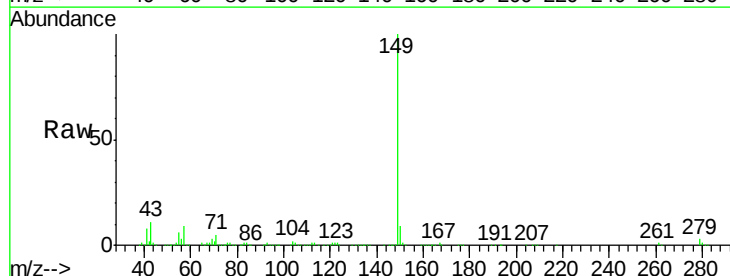
Instrument :
 BNA_F
 ClientSampleId :
 REC-2-1(1.5-2.0)MSD

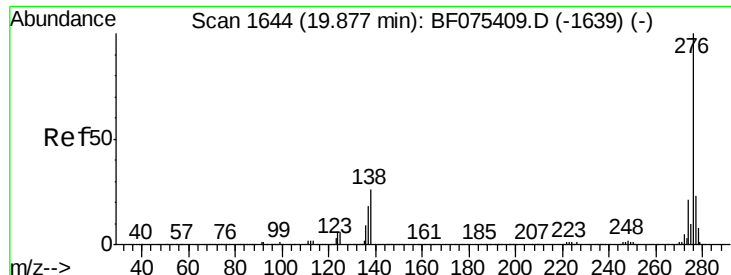
Tgt Ion:149 Resp: 420480
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.4 32.2
 279 2.4 2.8 4.2#



#84
 Di-n-octyl phthalate
 Concen: 49.98 ng
 RT: 17.27 min Scan# 1416
 Delta R.T. -0.06 min
 Lab File: BF075577.D
 Acq: 16 Nov 2014 11:40

Tgt Ion:149 Resp: 755290
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.1 1.7
 43 12.4 11.0 16.4

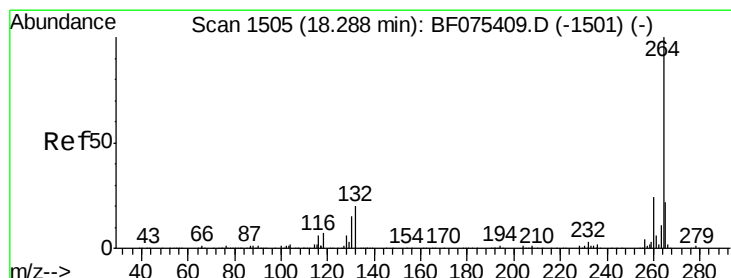
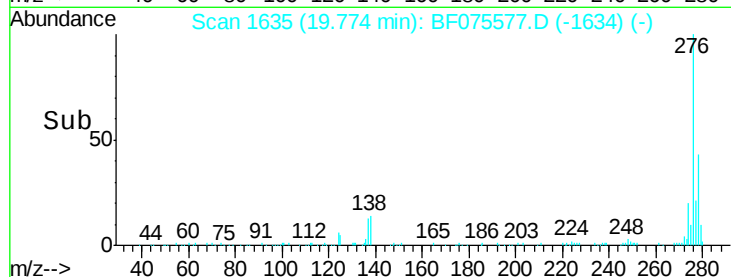
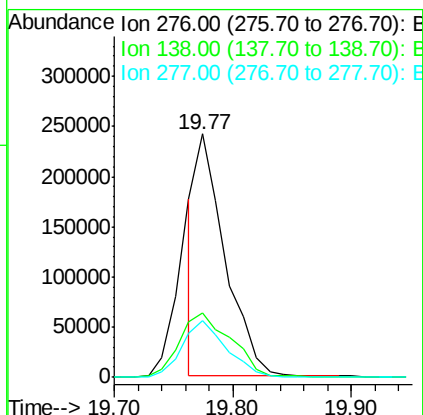
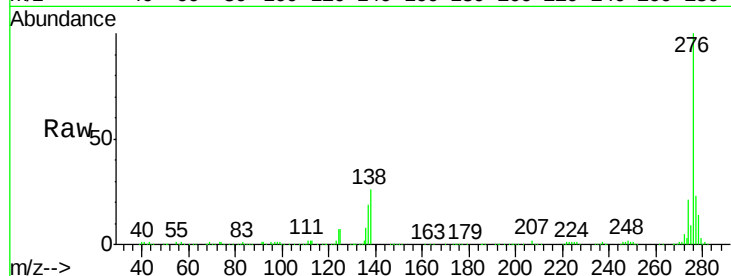




#85
Indeno(1,2,3-cd)pyrene
Concen: 44.28 ng
RT: 19.77 min Scan# 1635
Delta R.T. -0.09 min
Lab File: BF075577.D
Acq: 16 Nov 2014 11:40

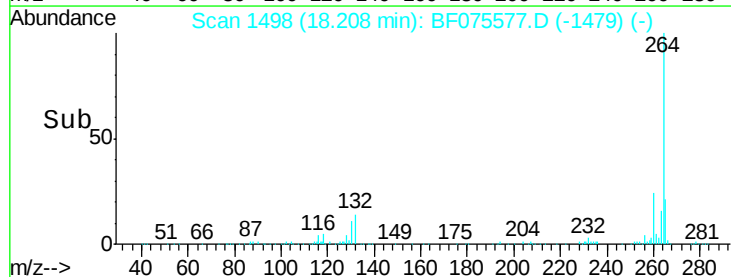
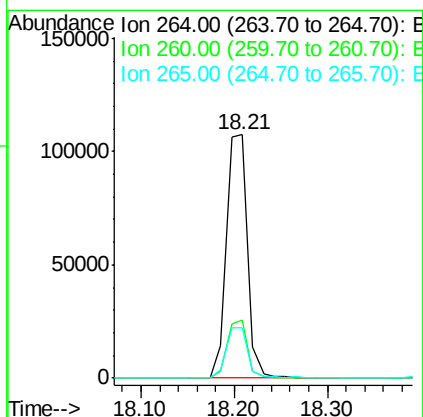
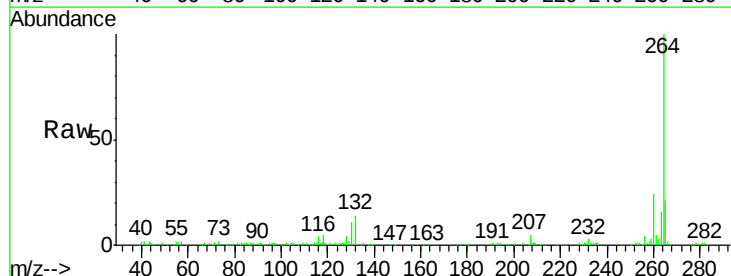
Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MSD

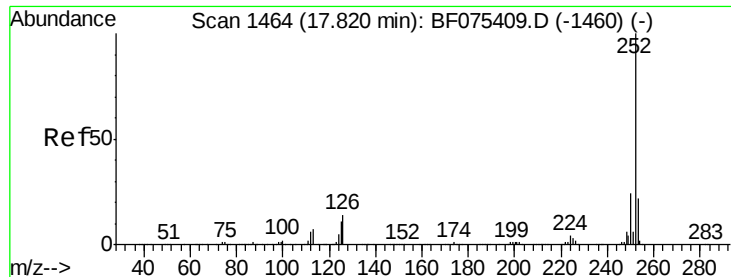
Tgt Ion: 276 Resp: 407378
Ion Ratio Lower Upper
276 100
138 0.0 0.0 0.0
277 24.5 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 18.21 min Scan# 1498
Delta R.T. -0.08 min
Lab File: BF075577.D
Acq: 16 Nov 2014 11:40

Tgt Ion: 264 Resp: 169242
Ion Ratio Lower Upper
264 100
260 24.0 17.9 26.9
265 20.6 16.3 24.5

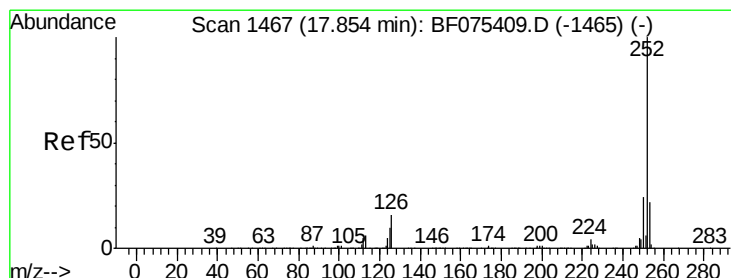
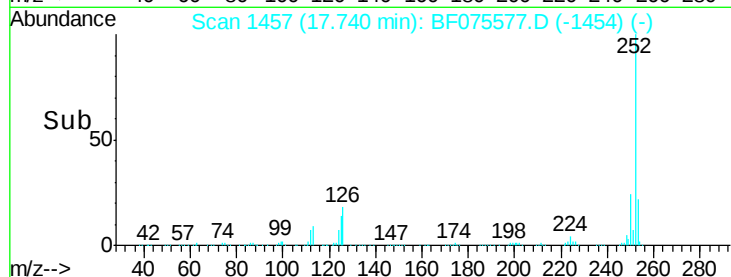
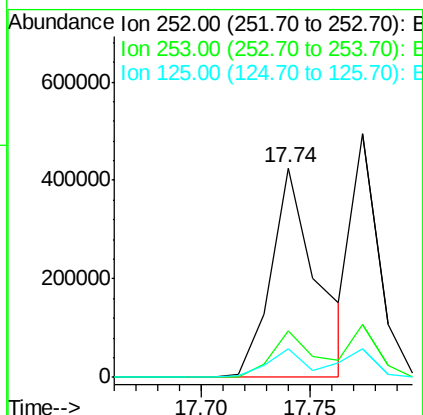
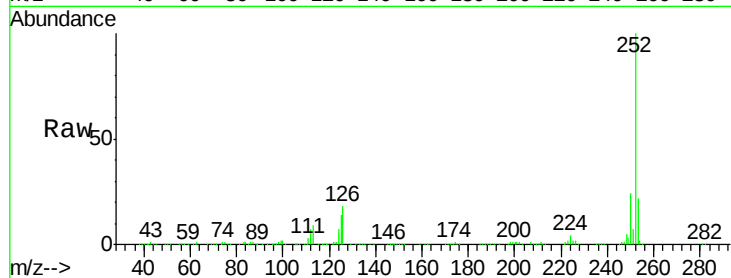




#87
Benzo(b)fluoranthene
Concen: 68.97 ng
RT: 17.74 min Scan# 1457
Delta R.T. -0.07 min
Lab File: BF075577.D
Acq: 16 Nov 2014 11:40

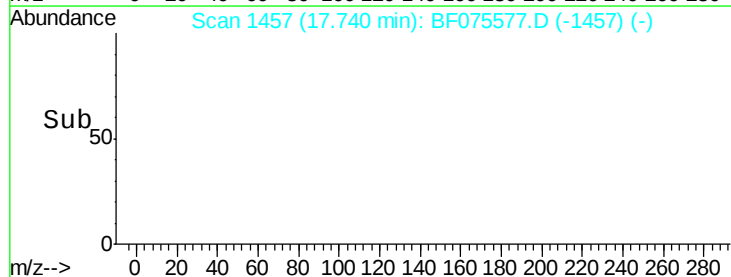
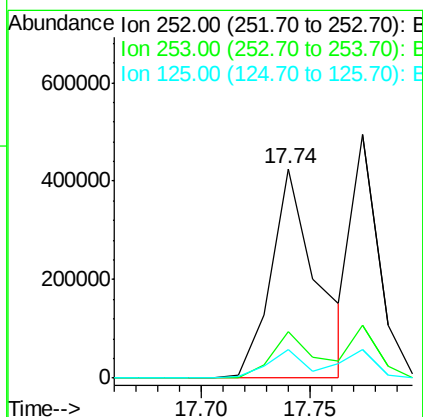
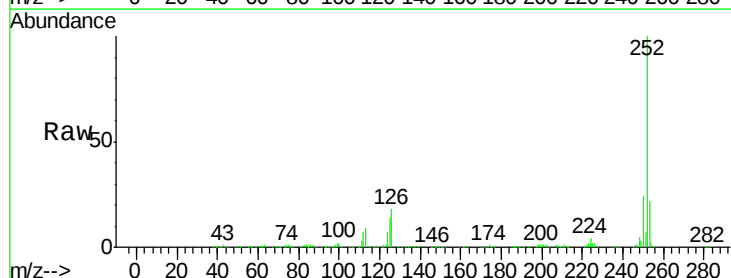
Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MSD

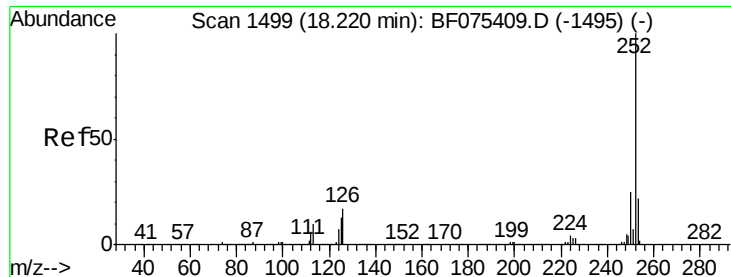
Tgt Ion:252 Resp: 624100
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 13.6 11.8 17.6



#88
Benzo(k)fluoranthene
Concen: 76.85 ng
RT: 17.74 min Scan# 1457
Delta R.T. -0.10 min
Lab File: BF075577.D
Acq: 16 Nov 2014 11:40

Tgt Ion:252 Resp: 624100
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 13.6 11.6 17.4

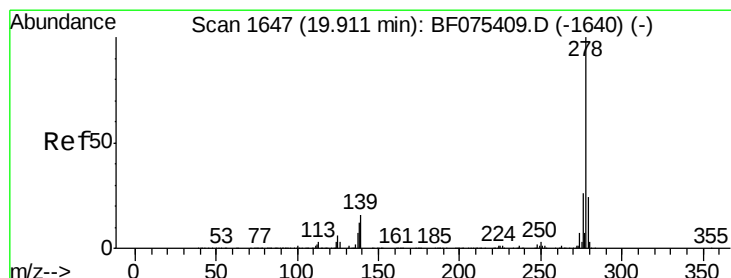
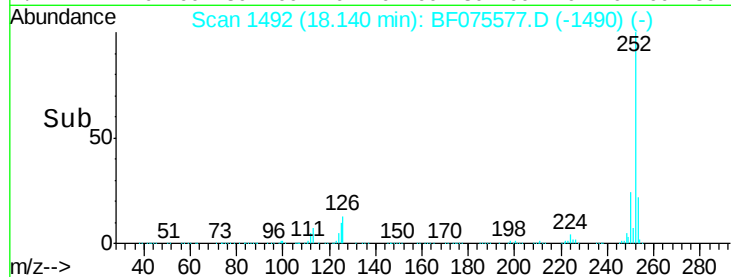
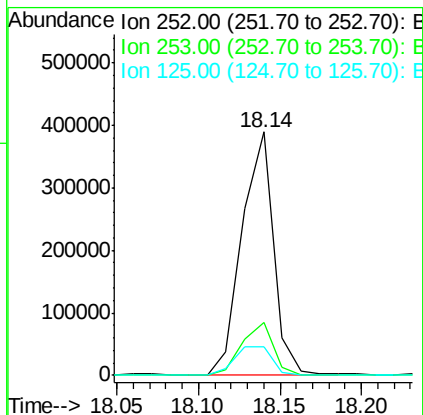
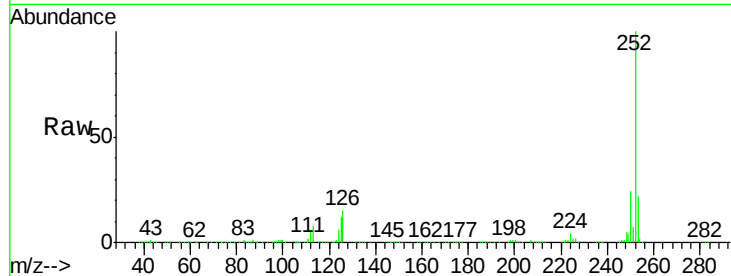




#89
Benzo(a)pyrene
Concen: 64.80 ng
RT: 18.14 min Scan# 1492
Delta R.T. -0.08 min
Lab File: BF075577.D
Acq: 16 Nov 2014 11:40

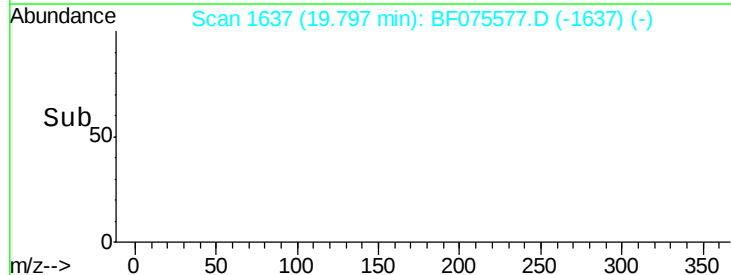
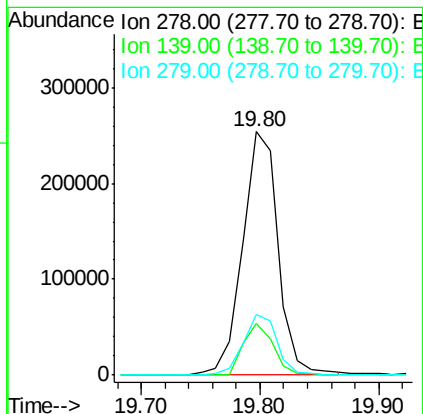
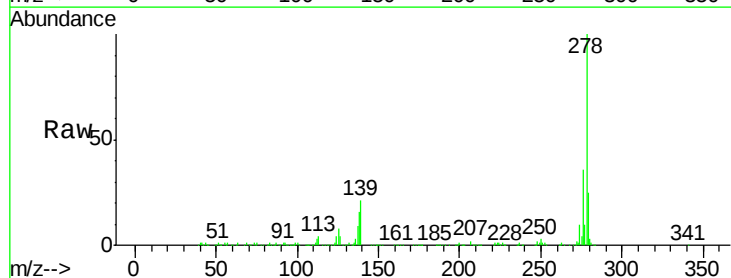
Instrument :
BNA_F
ClientSampleId :
REC-2-1(1.5-2.0)MSD

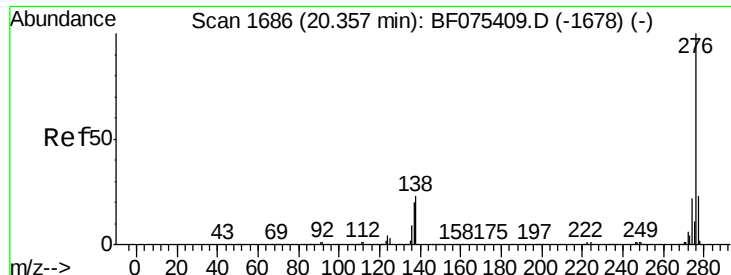
Tgt Ion:252 Resp: 524687
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 11.5 12.2 18.4#



#90
Dibenzo(a,h)anthracene
Concen: 62.19 ng
RT: 19.80 min Scan# 1637
Delta R.T. -0.10 min
Lab File: BF075577.D
Acq: 16 Nov 2014 11:40

Tgt Ion:278 Resp: 525793
Ion Ratio Lower Upper
278 100
139 21.0 13.6 20.4#
279 25.0 19.4 29.0





#91

Benzo(g,h,i)perylene

Concen: 64.01 ng

RT: 20.24 min Scan# 1676

Delta R.T. -0.10 min

Lab File: BF075577.D

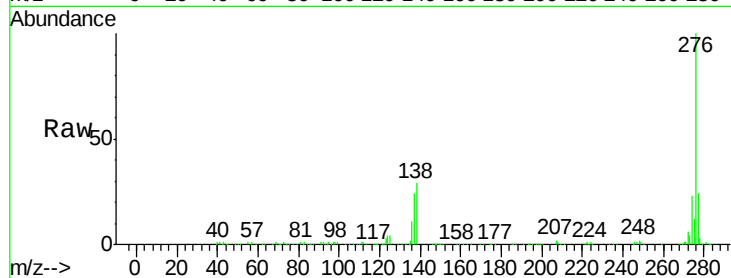
Acq: 16 Nov 2014 11:40

Instrument :

BNA_F

ClientSampleId :

REC-2-1(1.5-2.0)MSD



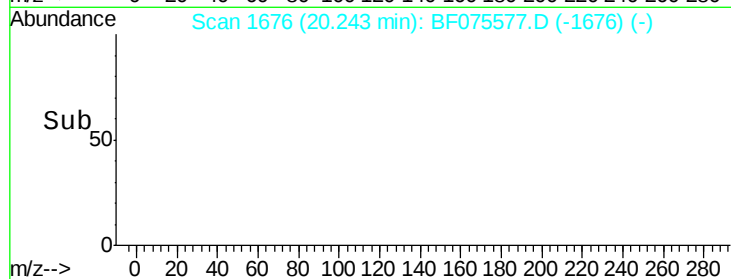
Tgt Ion: 276 Resp: 515623

Ion Ratio Lower Upper

276 100

277 24.3 17.8 26.8

138 28.8 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

