

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041515\
 Data File : BF078558.D
 Acq On : 16 Apr 2015 2:09
 Operator : TP/IZ
 Sample : G1854-03MS 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB11A(6-12)MS

Quant Time: Apr 16 04:43:08 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 16 01:25:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	35071	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	141036	20.00	ng	0.00
38) Acenaphthene-d10	10.46	164	70662	20.00	ng	0.01
63) Phenanthrene-d10	12.27	188	133316	20.00	ng	0.00
75) Chrysene-d12	15.53	240	134884	20.00	ng	0.00
86) Perylene-d12	17.17	264	136297	20.00	ng	-0.14

System Monitoring Compounds						
5) 2-Fluorophenol	4.95	112	26440	12.43	ng	0.01
7) Phenol-d6	6.32	99	37421	14.04	ng	0.01
23) Nitrobenzene-d5	7.42	82	19440	8.35	ng	0.00
41) 2,4,6-Tribromophenol	11.43	330	7674	13.09	ng	0.00
44) 2-Fluorobiphenyl	9.64	172	46139	9.33	ng	0.00
78) Terphenyl-d14	14.26	244	50208	8.41	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.50	88	2958	3.08	ng	# 23
3) Pyridine	2.11	79	8773	3.48	ng	# 88
4) n-Nitrosodimethylamine	2.02	42	2504	2.58	ng	# 77
6) Aniline	6.30	93	10890	2.88	ng	90
8) 2-Chlorophenol	6.44	128	10882	4.33	ng	97
10) Phenol	6.34	94	13470	4.22	ng	94
11) bis(2-Chloroethyl)ether	6.41	93	10166	4.43	ng	95
12) 1,3-Dichlorobenzene	6.63	146	11924	4.32	ng	96
13) 1,4-Dichlorobenzene	6.73	146	11891	4.28	ng	98
14) 1,2-Dichlorobenzene	6.91	146	10752	4.12	ng	# 86
15) Benzyl Alcohol	6.92	79	9688	5.17	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.10	45	12978	4.24	ng	# 7
17) 2-Methylphenol	7.10	107	8255	4.23	ng	# 86
18) Hexachloroethane	7.32	117	3357	3.58	ng	# 71
19) n-Nitroso-di-n-propylamine	7.26	70	9730	5.53	ng	# 93
20) 3+4-Methylphenols	7.29	107	11206	4.30	ng	95
22) Acetophenone	7.23	105	16214	4.93	ng	# 89
24) Nitrobenzene	7.44	77	10346	4.25	ng	# 85
25) Isophorone	7.75	82	20678	4.68	ng	# 92
26) 2-Nitrophenol	7.84	139	3880	3.35	ng	# 1
27) 2,4-Dimethylphenol	7.93	122	9400	4.36	ng	91
28) bis(2-Chloroethoxy)methane	8.04	93	16420	5.80	ng	# 73
29) 2,4-Dichlorophenol	8.16	162	9514	4.85	ng	91
30) 1,2,4-Trichlorobenzene	8.23	180	9300	4.14	ng	96
31) Naphthalene	8.32	128	39708	5.41	ng	99
32) Benzoic acid	8.04	122	2504	7.97	ng	# 1
33) 4-Chloroaniline	8.41	127	10850	3.56	ng	# 86
34) Hexachlorobutadiene	8.48	225	5222	4.23	ng	97
35) Caprolactam	8.82	113	3727	6.37	ng	# 1
36) 4-Chloro-3-methylphenol	9.05	107	9259	4.68	ng	# 85
37) 2-Methylnaphthalene	9.18	142	25748	5.17	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	9.38	216	8969	4.10	ng	# 89
42) 2,4,6-Trichlorophenol	9.54	196	6434	4.66	ng	98
43) 2,4,5-Trichlorophenol	9.60	196	6747	4.68	ng	# 47

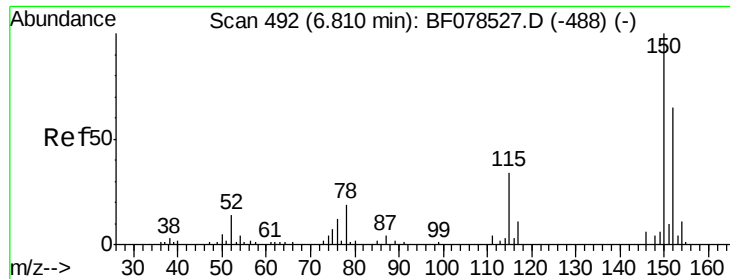
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041515\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.76	154	27665	4.79	ng	98
46) 2-Chloronaphthalene	9.77	162	20375	4.48	ng	96
47) 2-Nitroaniline	9.92	65	5913	5.26	ng #	69
48) Acenaphthylene	10.27	152	44428	6.05	ng	95
49) Dimethylphthalate	10.16	163	28119	5.30	ng #	98
50) 2,6-Dinitrotoluene	10.23	165	3626	3.32	ng #	59
51) Acenaphthene	10.49	154	27145	6.57	ng	97
52) 3-Nitroaniline	10.43	138	6918	5.57	ng #	85
54) Dibenzofuran	10.71	168	35213	5.58	ng	93
55) 4-Nitrophenol	10.71	139	20625	24.54	ng #	46
56) 2,4-Dinitrotoluene	10.73	165	5574	3.94	ng #	91
57) Fluorene	11.13	166	36365	7.10	ng	95
58) 2,3,4,6-Tetrachlorophenol	10.88	232	4404	4.12	ng #	1
59) Diethylphthalate	11.03	149	22975	4.49	ng	96
60) 4-Chlorophenyl-phenylether	11.15	204	10864	4.61	ng #	75
61) 4-Nitroaniline	11.18	138	5899	4.70	ng	88
62) Azobenzene	11.34	77	22962	4.92	ng #	71
64) 4,6-Dinitro-2-methylphenol	11.23	198	262	8.89	ng #	1
65) n-Nitrosodiphenylamine	11.29	169	51747	11.22	ng #	69
66) 4-Bromophenyl-phenylether	11.75	248	6250	4.43	ng	93
67) Hexachlorobenzene	11.79	284	6426	4.15	ng #	56
68) Atrazine	11.98	200	7363	5.51	ng	85
69) Pentachlorophenol	12.06	266	4024	13.06	ng	97
70) Phenanthrene	12.31	178	128746	16.70	ng	99
71) Anthracene	12.31	178	123457	16.25	ng	99
72) Carbazole	12.58	167	36493	5.12	ng #	90
73) Di-n-butylphthalate	13.05	149	38236	4.74	ng #	92
74) Fluoranthene	13.77	202	290585	35.73	ng	91
76) Benzidine	13.97	184	14117	2.72	ng #	90
77) Pyrene	14.03	202	304653	35.98	ng #	95
79) Butylbenzylphthalate	14.89	149	16520	5.12	ng	98
80) Benzo(a)anthracene	15.52	228	218147	27.18	ng	99
81) 3,3'-Dichlorobenzidine	15.51	252	10801	4.02	ng #	90
82) Chrysene	15.55	228	159616	21.17	ng	98
83) Bis(2-ethylhexyl)phthalate	15.62	149	26067	5.15	ng	97
84) Di-n-octyl phthalate	16.39	149	39034	4.70	ng #	100
88) Benzo(k)fluoranthene	16.77	252	362567	48.43	ng	99
89) Benzo(a)pyrene	17.11	252	183755	25.00	ng #	90
91) Benzo(g,h,i)perylene	18.66	276	104707	14.19	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 483

Delta R.T. 0.00 min

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LS-SB11A(6-12)MS

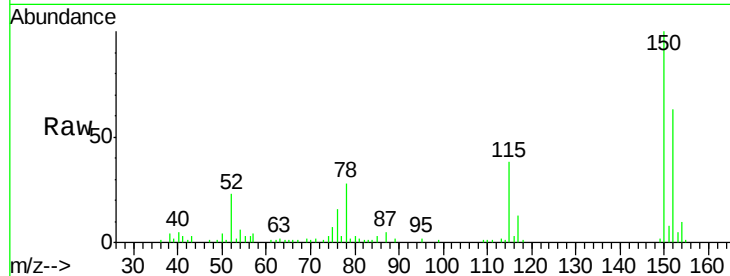
Tgt Ion:152 Resp: 35071

Ion Ratio Lower Upper

152 100

150 159.0 125.9 188.9

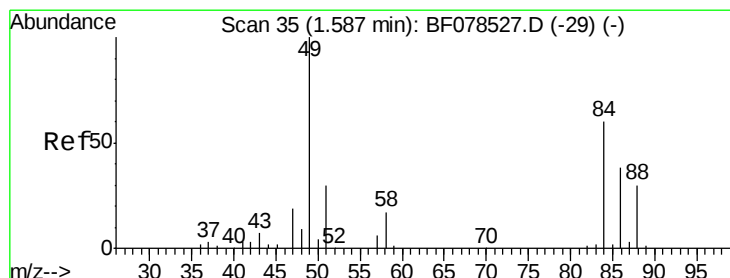
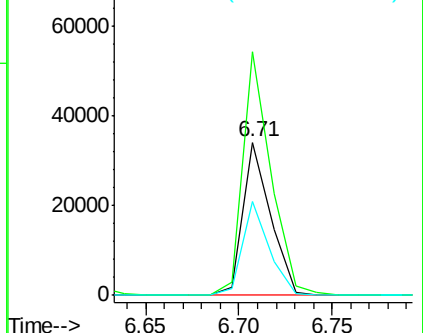
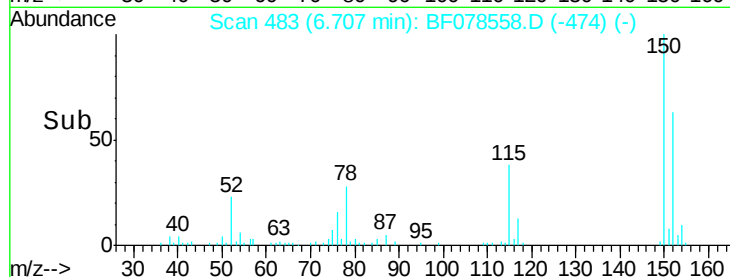
115 61.0 52.7 79.1



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: 3.08 ng

RT: 1.50 min Scan# 27

Delta R.T. 0.01 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

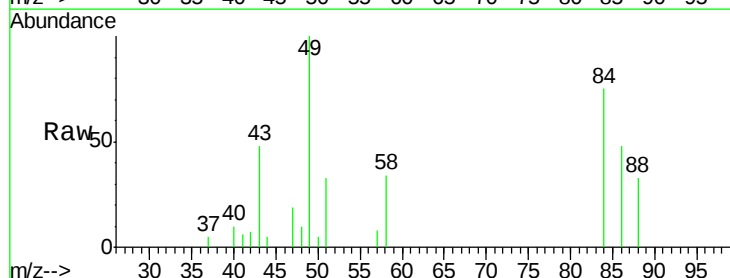
Tgt Ion: 88 Resp: 2958

Ion Ratio Lower Upper

88 100

58 0.0 56.9 85.3#

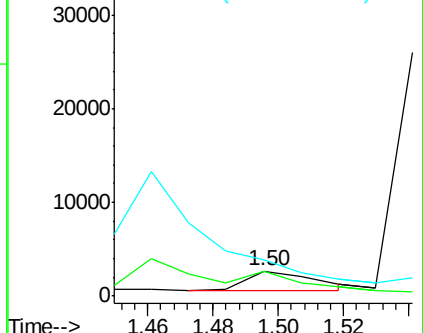
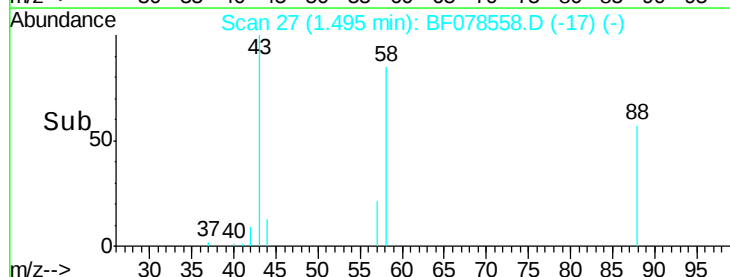
43 0.0 21.4 32.2#

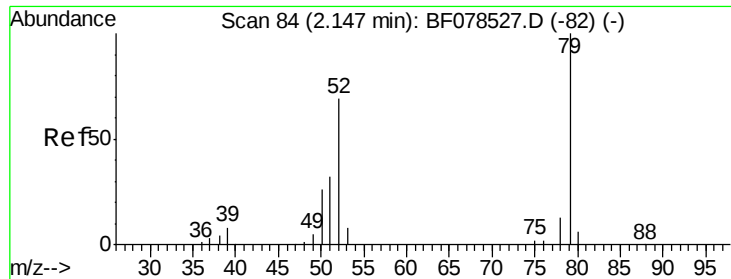


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 3.48 ng

RT: 2.11 min Scan# 81

Delta R.T. 0.09 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

Instrument :

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LS-SB11A(6-12)MS

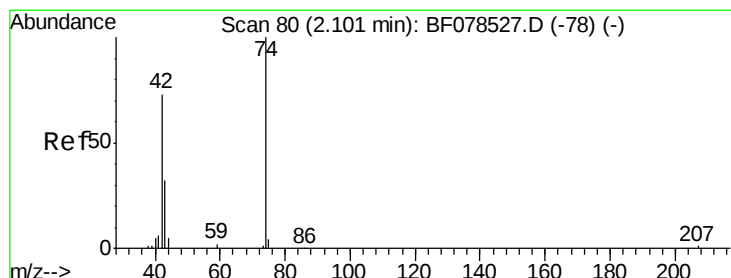
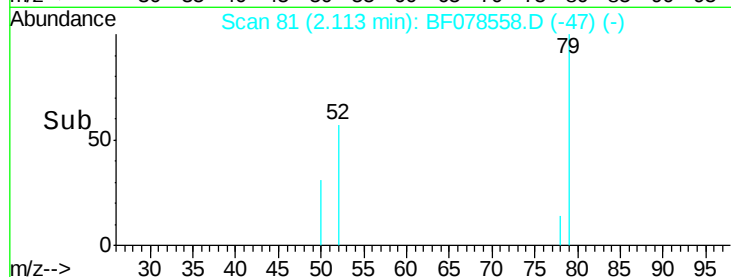
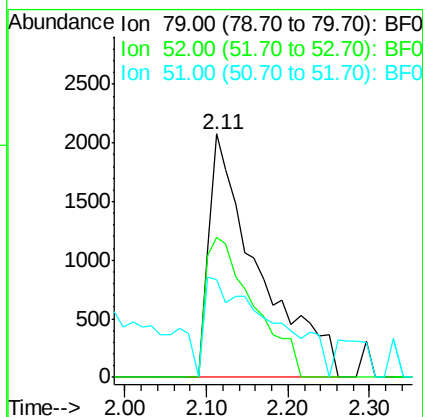
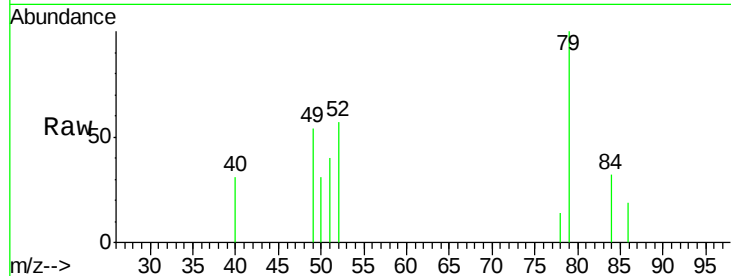
Tgt Ion: 79 Resp: 8773

Ion Ratio Lower Upper

79 100

52 57.3 52.4 78.6

51 40.3 24.9 37.3#



#4

n-Nitrosodimethylamine

Concen: 2.58 ng

RT: 2.02 min Scan# 73

Delta R.T. 0.05 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

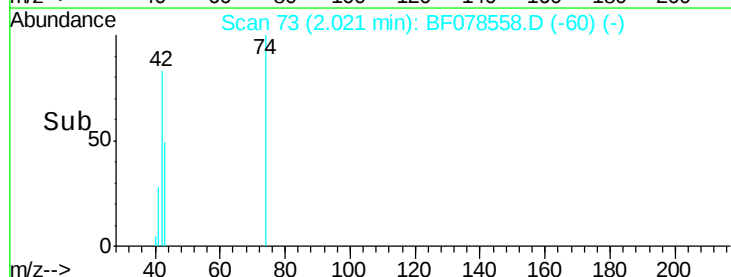
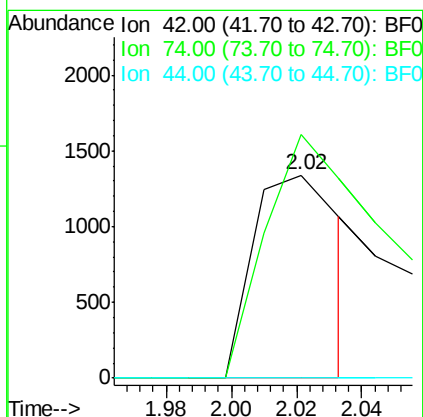
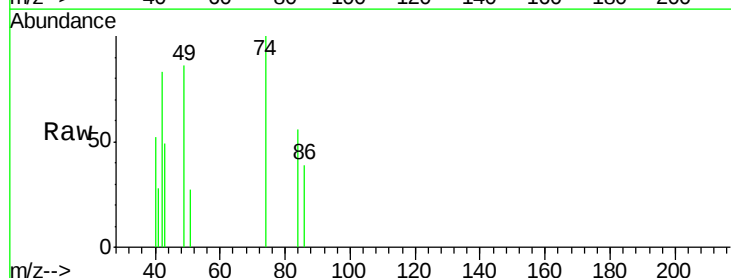
Tgt Ion: 42 Resp: 2504

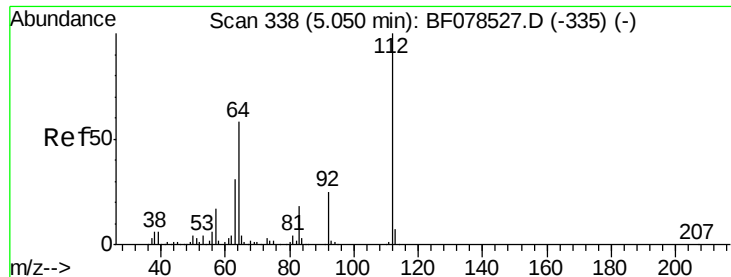
Ion Ratio Lower Upper

42 100

74 119.9 118.7 178.1

44 0.0 5.9 8.9#





#5

2-Fluorophenol

Concen: 12.43 ng

RT: 4.95 min Scan# 329

Delta R.T. 0.01 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

Instrument :

BNA_F

ClientSampleId :

LS-SB11A(6-12)MS

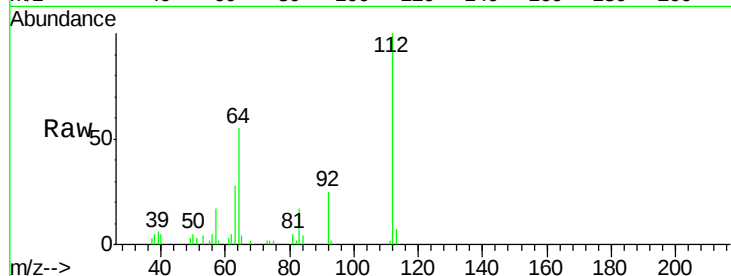
Tgt Ion: 112 Resp: 26440

Ion Ratio Lower Upper

112 100

64 55.0 39.9 59.9

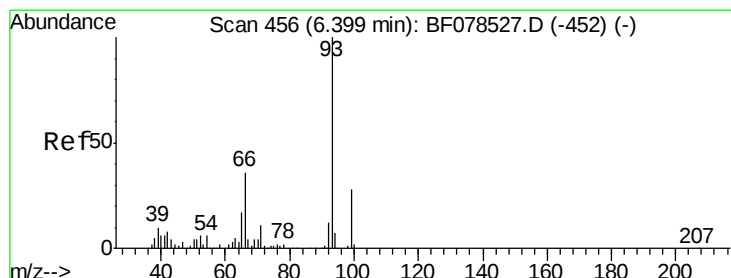
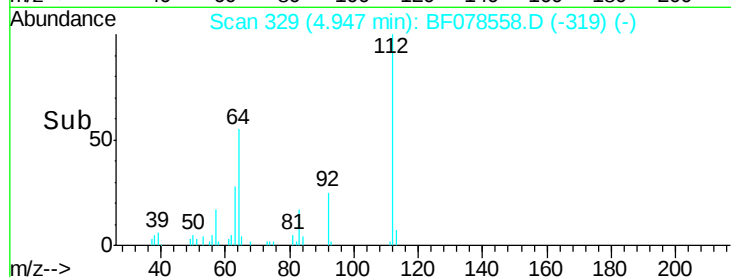
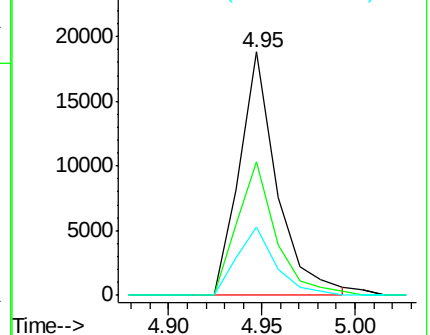
63 28.2 20.2 30.4



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: 2.88 ng

RT: 6.30 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

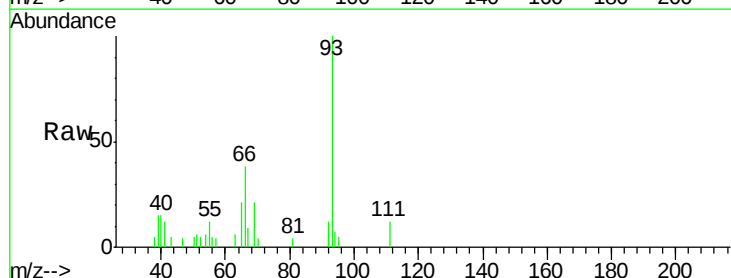
Tgt Ion: 93 Resp: 10890

Ion Ratio Lower Upper

93 100

66 38.3 38.0 57.0

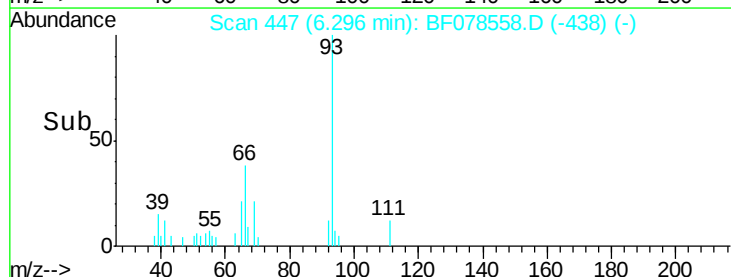
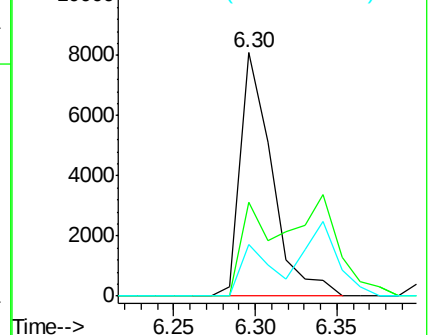
65 21.3 16.3 24.5

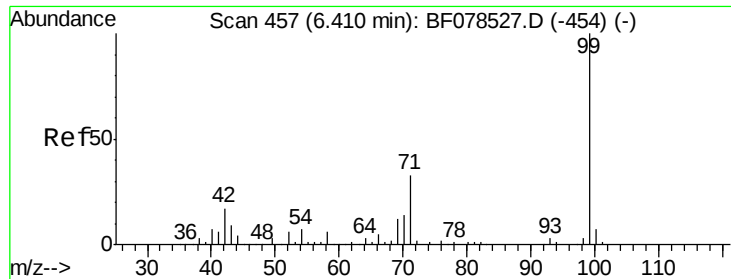


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 14.04 ng

RT: 6.32 min Scan# 449

Delta R.T. 0.01 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

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LS-SB11A(6-12)MS

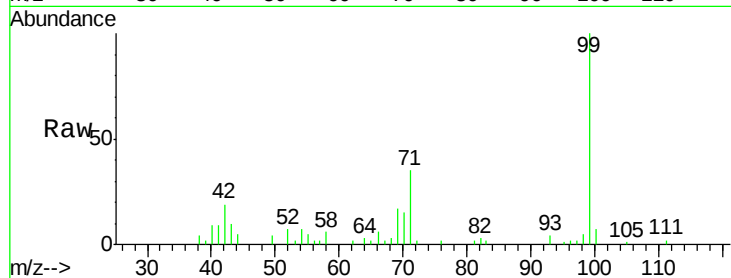
Tgt Ion: 99 Resp: 37421

Ion Ratio Lower Upper

99 100

42 18.6 14.8 22.2

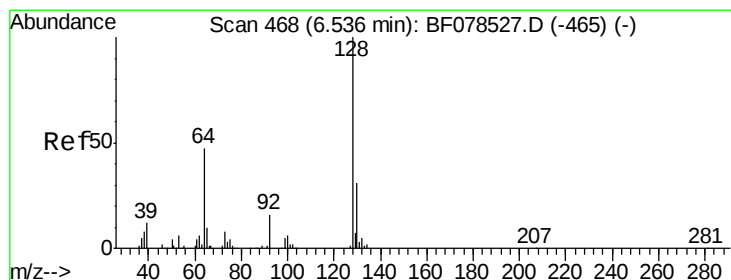
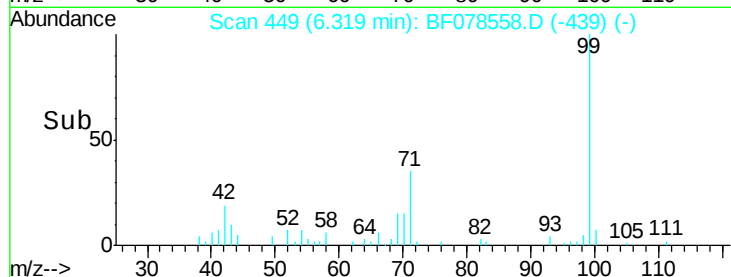
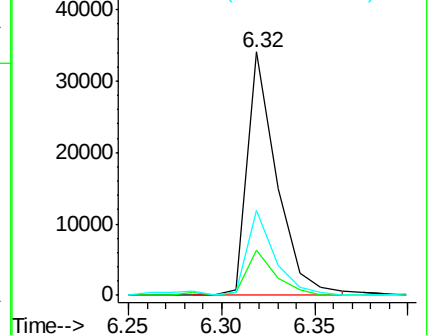
71 34.6 26.6 39.8



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: 4.33 ng

RT: 6.44 min Scan# 460

Delta R.T. 0.01 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

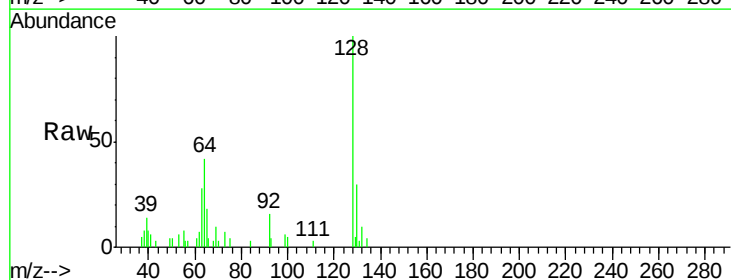
Tgt Ion: 128 Resp: 10882

Ion Ratio Lower Upper

128 100

130 30.2 12.3 52.3

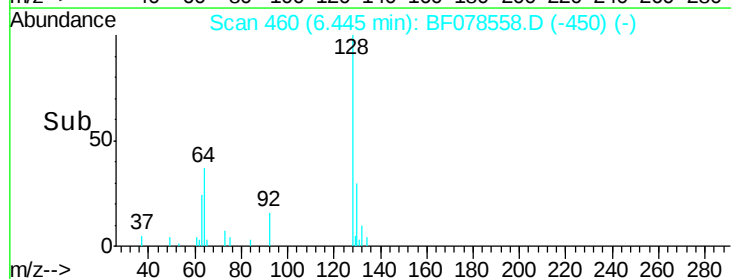
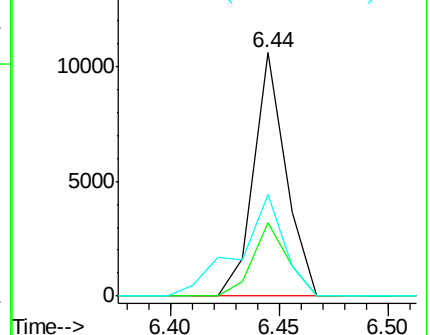
64 41.8 23.8 63.8

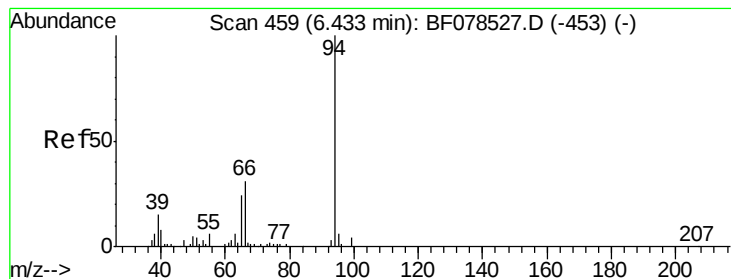


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#10

Phenol

Concen: 4.22 ng

RT: 6.34 min Scan# 451

Delta R.T. 0.01 min

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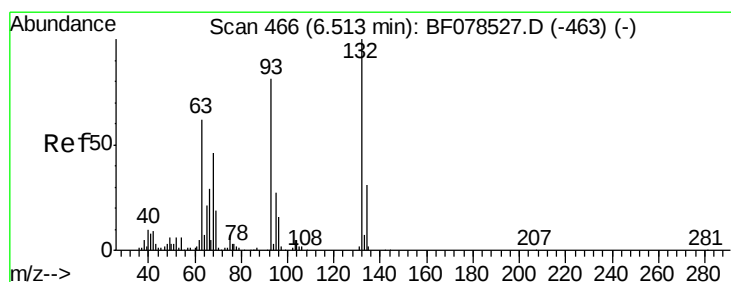
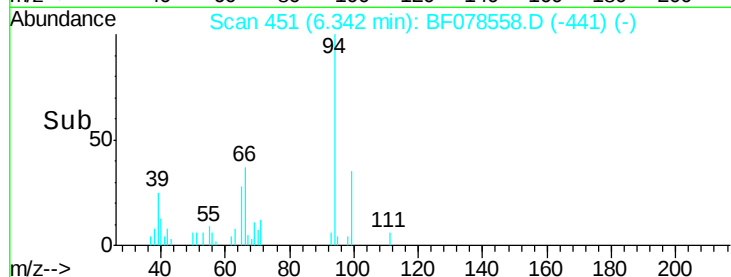
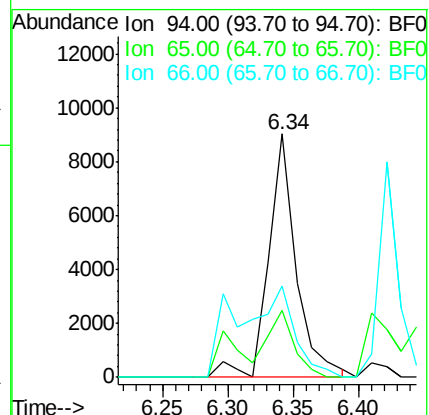
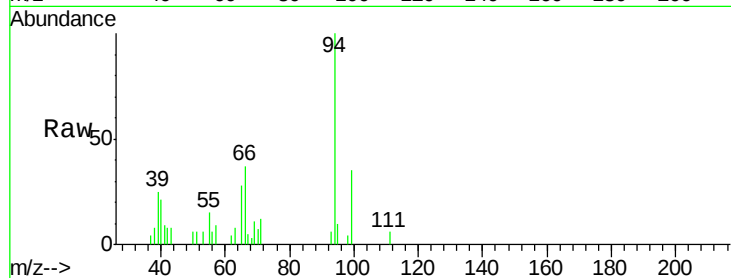
Tgt Ion: 94 Resp: 13470

Ion Ratio Lower Upper

94 100

65 27.7 4.9 44.9

66 37.3 13.8 53.8



#11

bis(2-Chloroethyl)ether

Concen: 4.43 ng

RT: 6.41 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

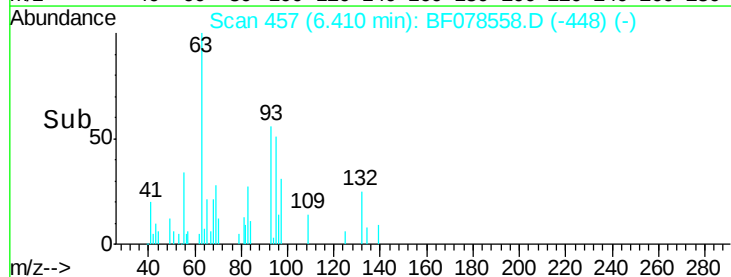
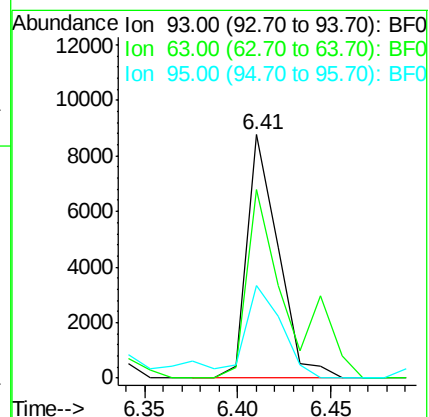
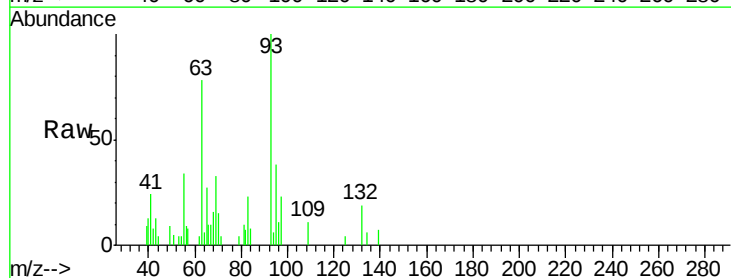
Tgt Ion: 93 Resp: 10166

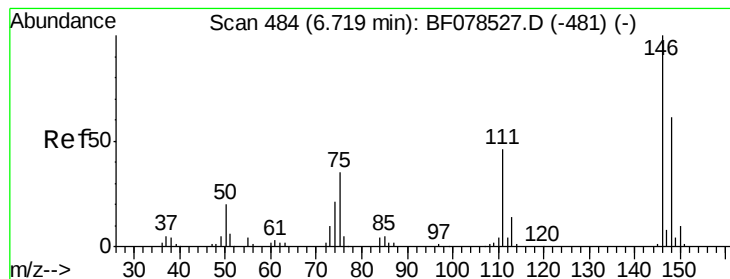
Ion Ratio Lower Upper

93 100

63 77.7 54.6 94.6

95 37.8 13.6 53.6





#12

1,3-Dichlorobenzene

Concen: 4.32 ng

RT: 6.63 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

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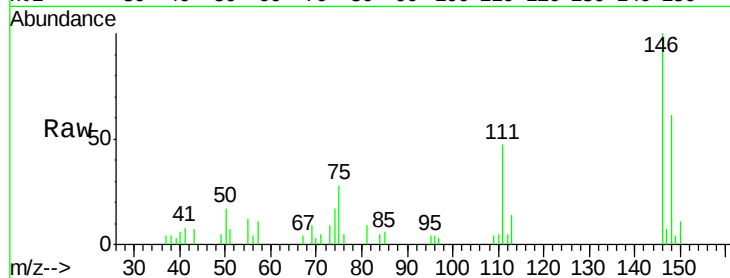
Tgt Ion:146 Resp: 11924

Ion Ratio Lower Upper

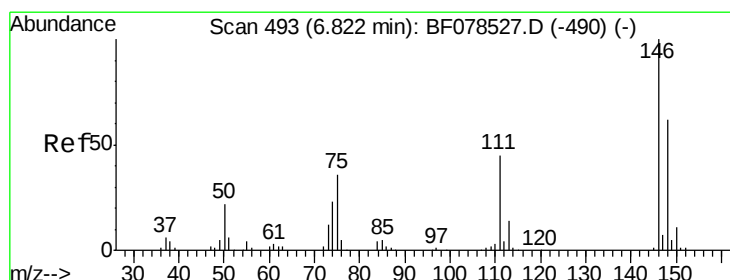
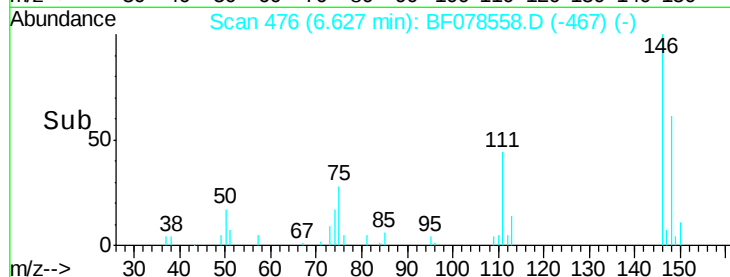
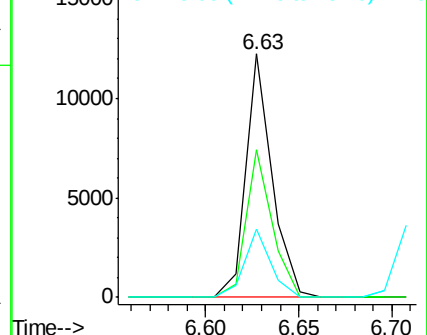
146 100

148 60.8 49.1 73.7

75 28.1 26.6 40.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 4.28 ng

RT: 6.73 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

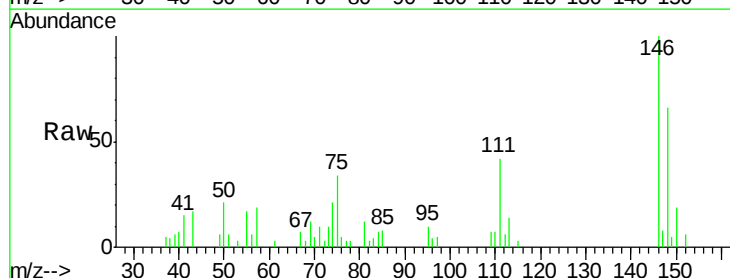
Tgt Ion:146 Resp: 11891

Ion Ratio Lower Upper

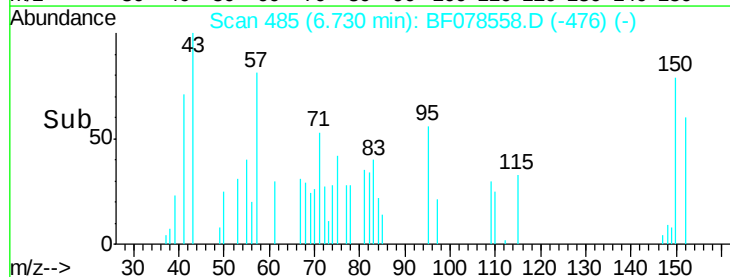
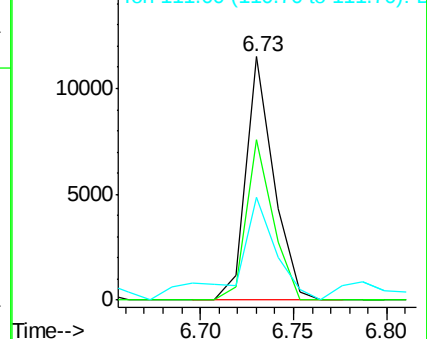
146 100

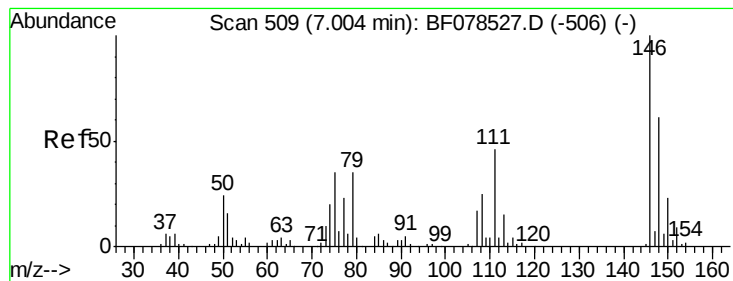
148 65.6 51.4 77.0

111 42.4 35.0 52.4



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

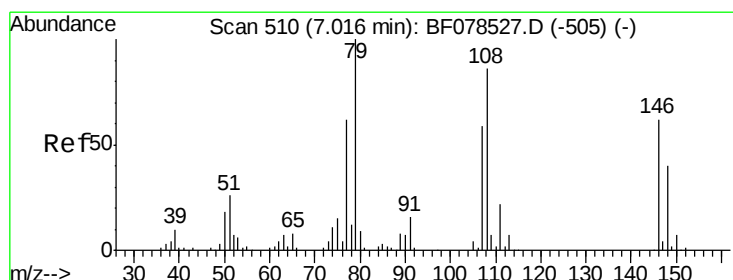
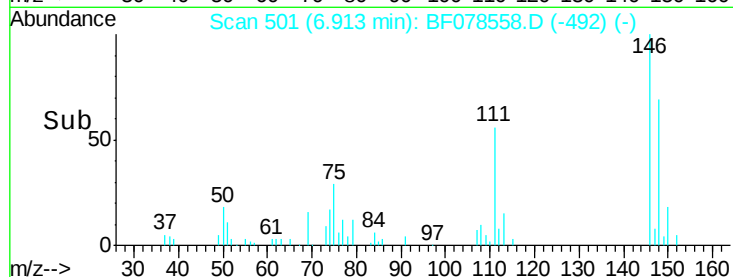
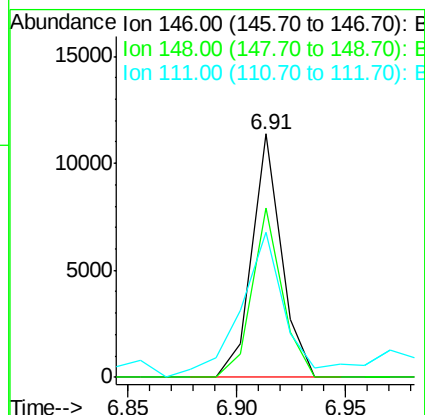
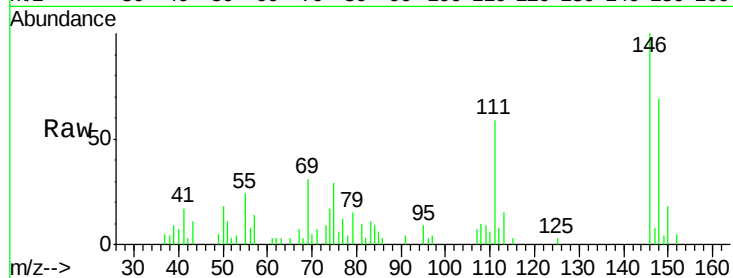




#14
1,2-Dichlorobenzene
Concen: 4.12 ng
RT: 6.91 min Scan# 501
Delta R.T. 0.00 min
Lab File: BF078558.D
Acq: 16 Apr 2015 2:09

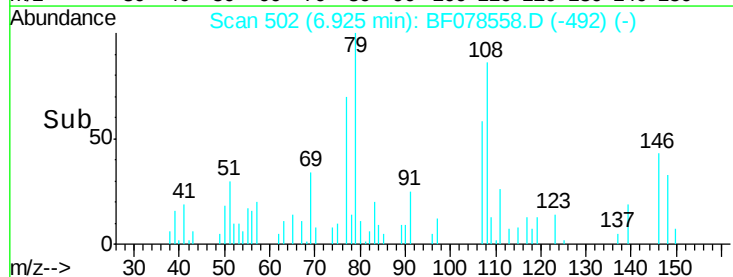
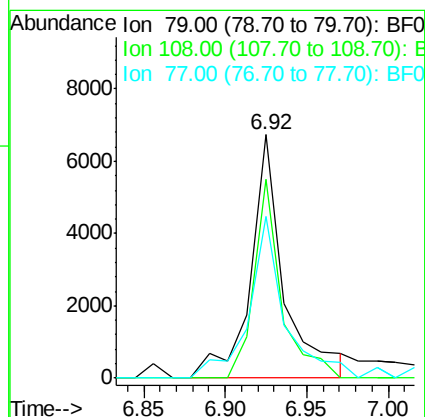
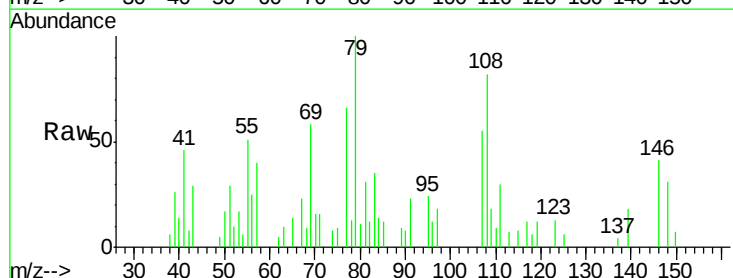
Instrument :
BNA_F
ClientSampleId :
LS-SB11A(6-12)MS

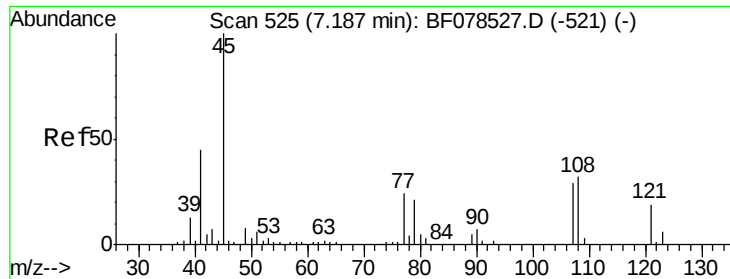
Tgt Ion:146 Resp: 10752
Ion Ratio Lower Upper
146 100
148 69.5 50.2 75.4
111 59.5 36.1 54.1#



#15
Benzyl Alcohol
Concen: 5.17 ng
RT: 6.92 min Scan# 502
Delta R.T. 0.01 min
Lab File: BF078558.D
Acq: 16 Apr 2015 2:09

Tgt Ion: 79 Resp: 9688
Ion Ratio Lower Upper
79 100
108 81.8 57.6 86.4
77 66.5 53.5 80.3

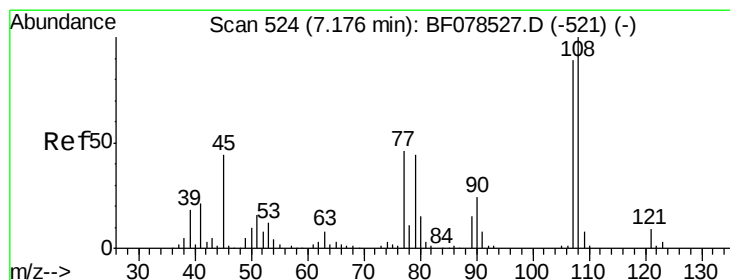
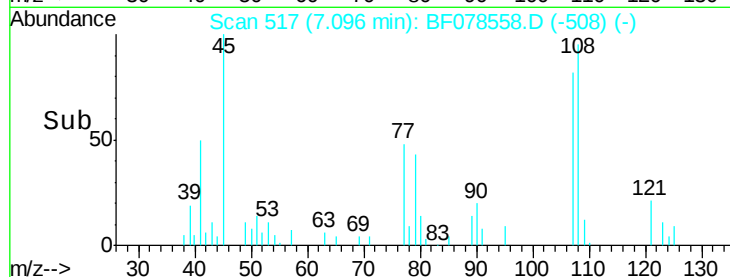
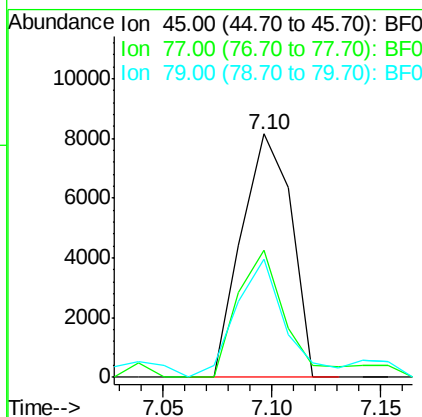
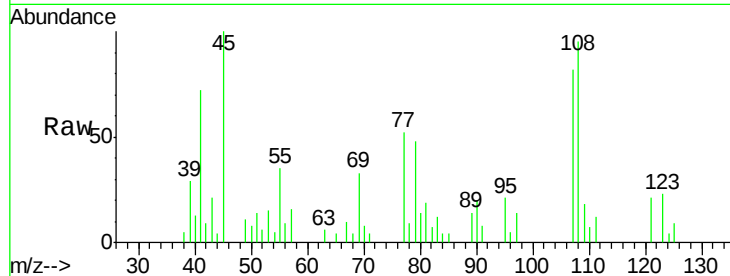




#16
 2,2'-oxybis(1-chloropropane)
 Concen: 4.24 ng
 RT: 7.10 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: BF078558.D
 Acq: 16 Apr 2015 2:09

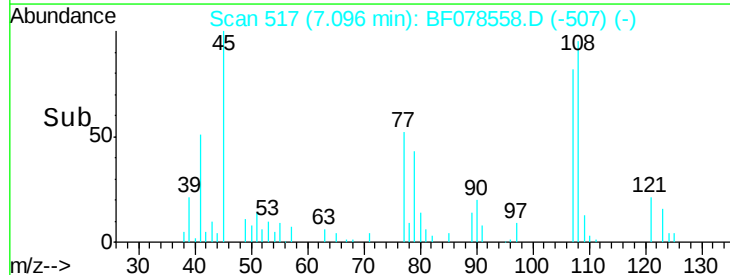
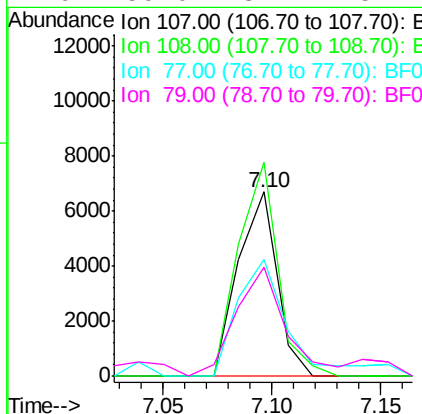
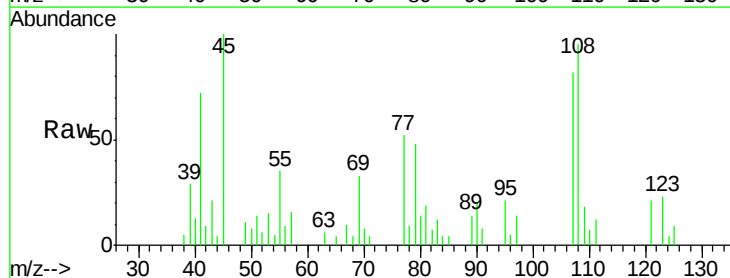
Instrument :
 BNA_F
 ClientSampleId :
 LS-SB11A(6-12)MS

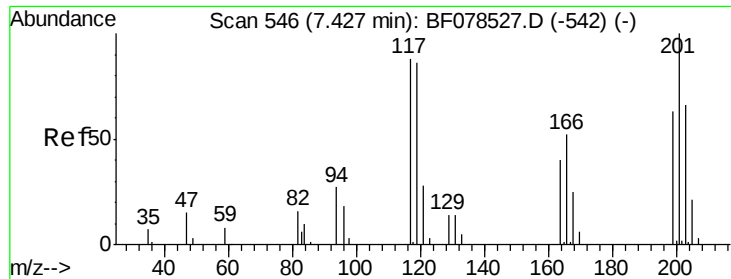
Tgt Ion: 45 Resp: 12978
 Ion Ratio Lower Upper
 45 100
 77 52.2 0.0 34.5#
 79 48.4 0.0 31.9#



#17
 2-Methylphenol
 Concen: 4.23 ng
 RT: 7.10 min Scan# 517
 Delta R.T. 0.01 min
 Lab File: BF078558.D
 Acq: 16 Apr 2015 2:09

Tgt Ion: 107 Resp: 8255
 Ion Ratio Lower Upper
 107 100
 108 116.2 90.3 135.5
 77 63.6 35.5 53.3#
 79 59.0 34.2 51.4#

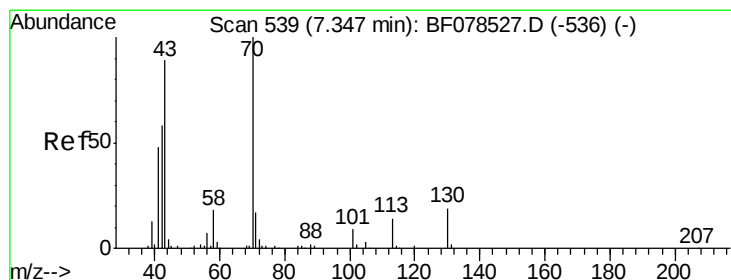
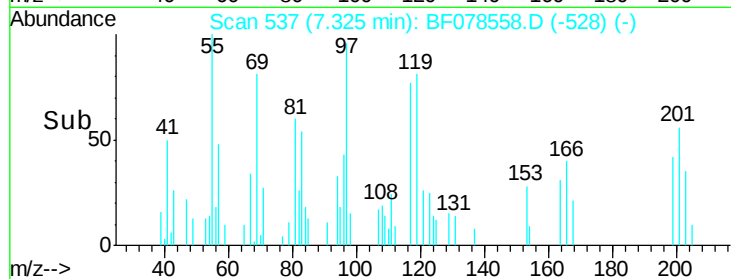
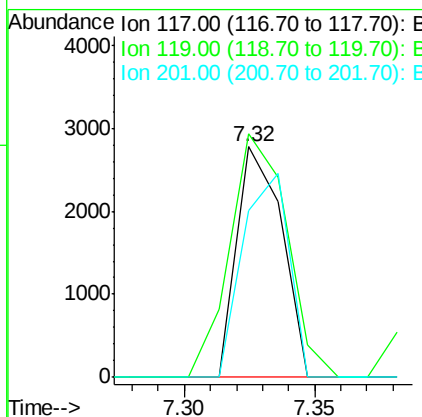
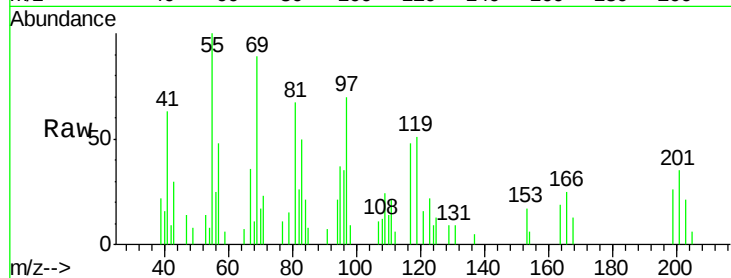




#18
Hexachloroethane
Concen: 3.58 ng
RT: 7.32 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF078558.D
Acq: 16 Apr 2015 2:09

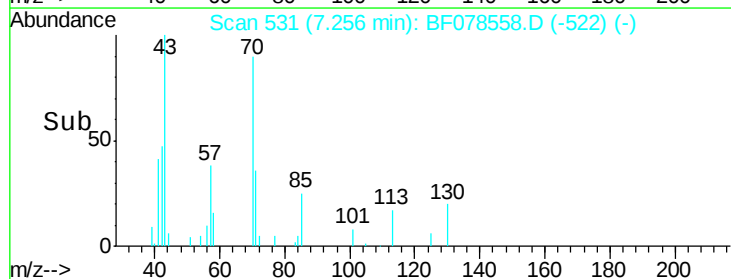
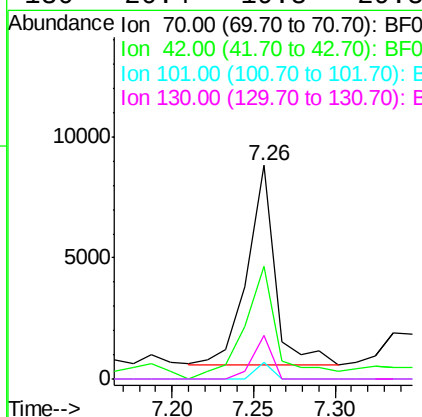
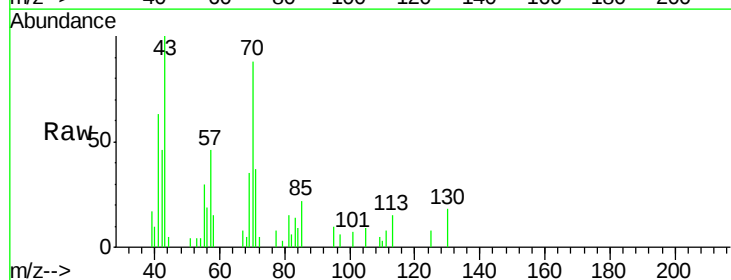
Instrument :
BNA_F
ClientSampleId :
LS-SB11A(6-12)MS

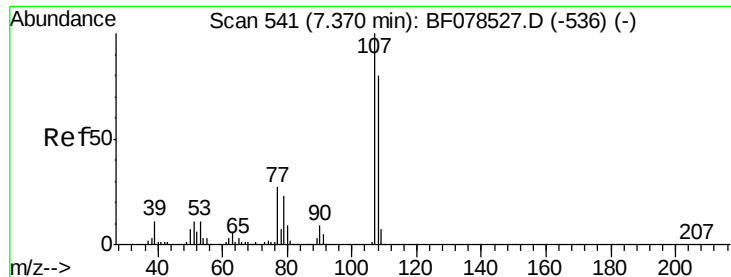
Tgt Ion: 117 Resp: 3357
Ion Ratio Lower Upper
117 100
119 105.7 77.0 115.6
201 72.3 98.1 147.1#



#19
n-Nitroso-di-n-propylamine
Concen: 5.53 ng
RT: 7.26 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF078558.D
Acq: 16 Apr 2015 2:09

Tgt Ion: 70 Resp: 9730
Ion Ratio Lower Upper
70 100
42 52.6 38.9 58.3
101 7.8 8.3 12.5#
130 20.4 19.8 29.8

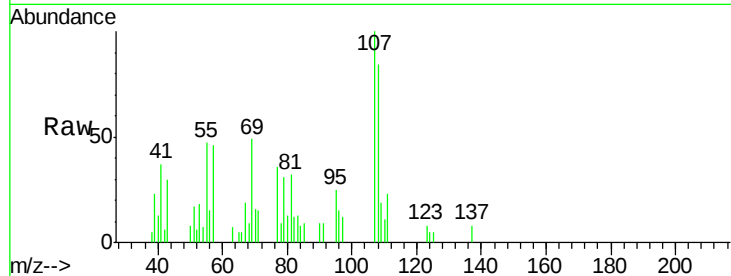




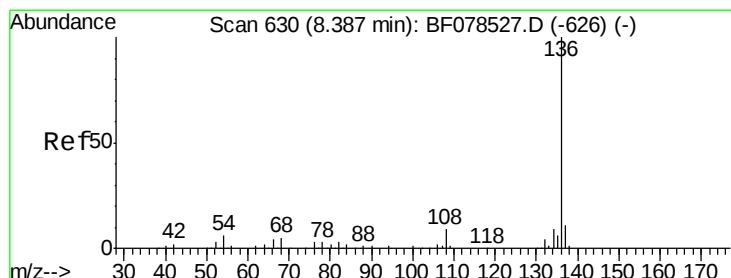
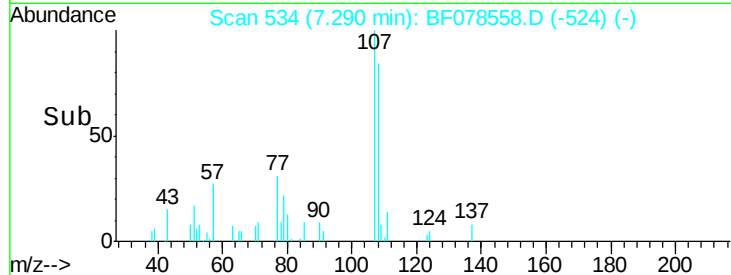
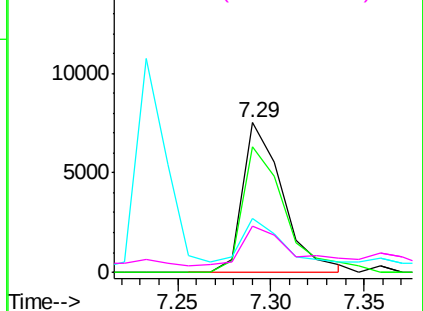
#20
3+4-Methylphenols
Concen: 4.30 ng
RT: 7.29 min Scan# 534
Delta R.T. 0.01 min
Lab File: BF078558.D
Acq: 16 Apr 2015 2:09

Instrument :
BNA_F
ClientSampleId :
LS-SB11A(6-12)MS

Tgt Ion:	107	Resp:	11206
Ion	Ratio	Lower	Upper
107	100		
108	83.9	64.4	104.4
77	36.0	9.7	49.7
79	30.6	4.0	44.0

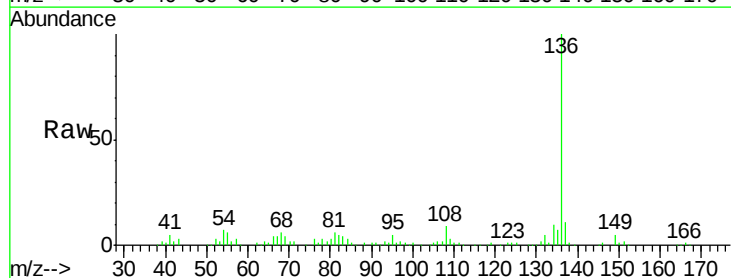


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

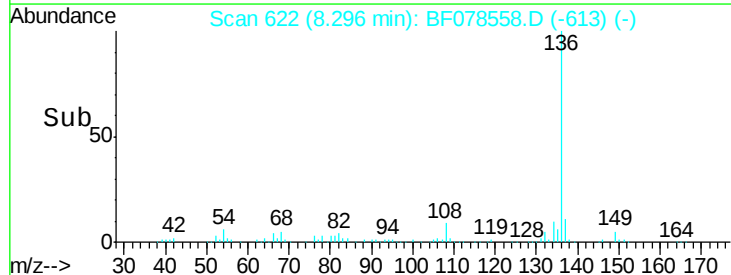
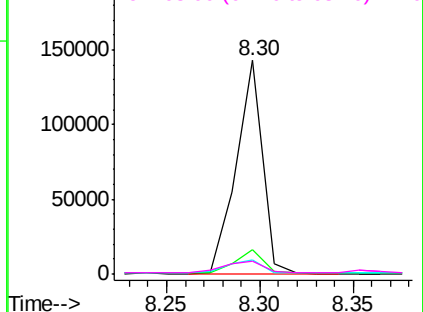


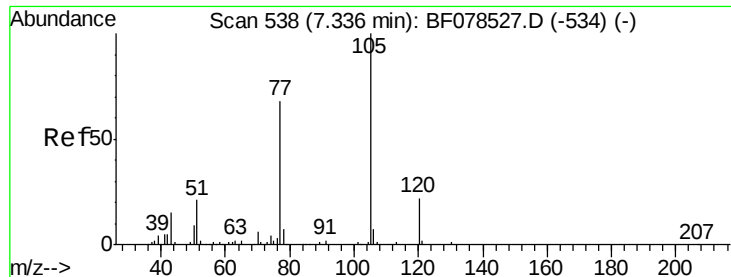
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.30 min Scan# 622
Delta R.T. 0.00 min
Lab File: BF078558.D
Acq: 16 Apr 2015 2:09

Tgt Ion:	136	Resp:	141036
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	6.6	7.0	10.6#
68	6.0	5.4	8.2



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: 4.93 ng

RT: 7.23 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

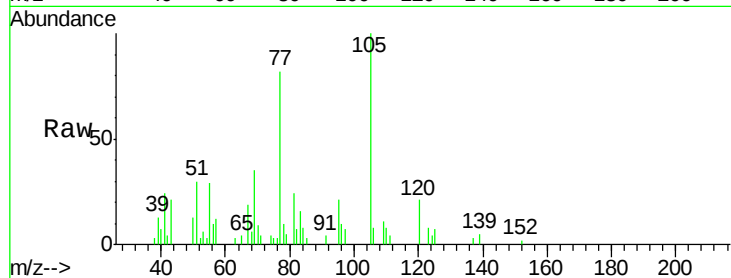
Instrument :

BNA_F

ClientSampleId :

LS-SB11A(6-12)MS

Tgt Ion:	105	Resp:	16214
Ion	Ratio	Lower	Upper
105	100		
71	4.0	5.5	8.3#
51	29.8	16.0	24.0#
120	20.6	17.8	26.6

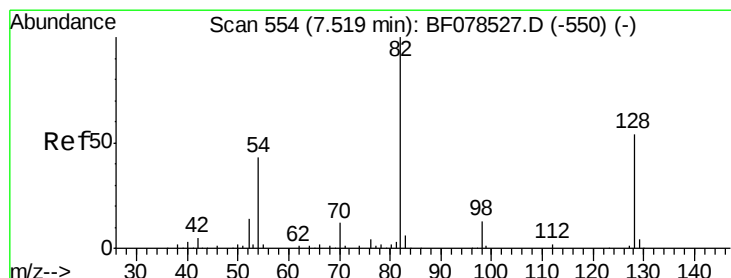
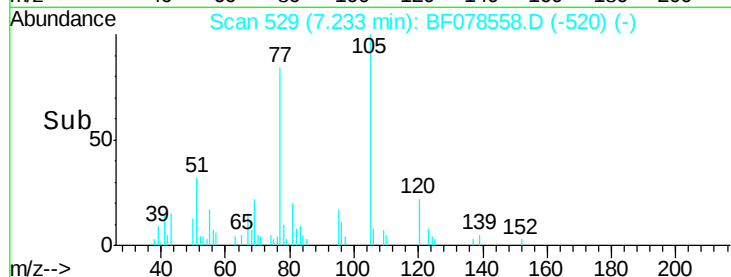
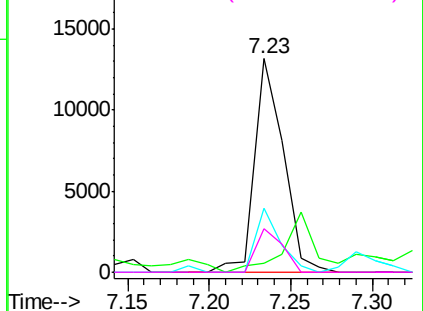


Abundance Ion 105.00 (104.70 to 105.70): E

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: 8.35 ng

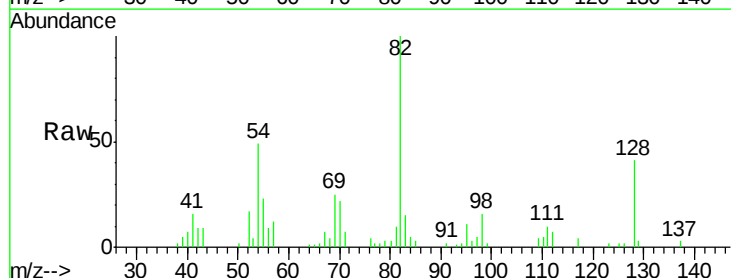
RT: 7.42 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

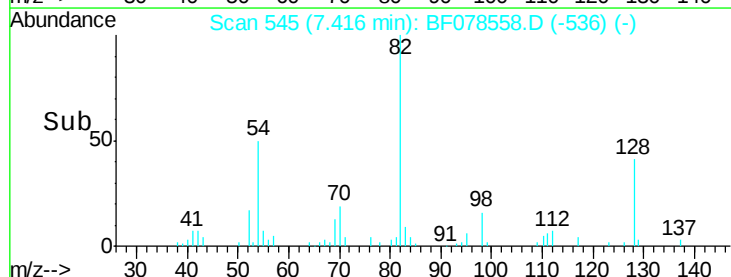
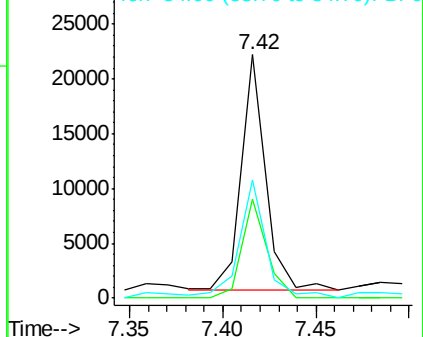
Tgt Ion:	82	Resp:	19440
Ion	Ratio	Lower	Upper
82	100		
128	40.6	31.8	47.8
54	48.7	41.5	62.3

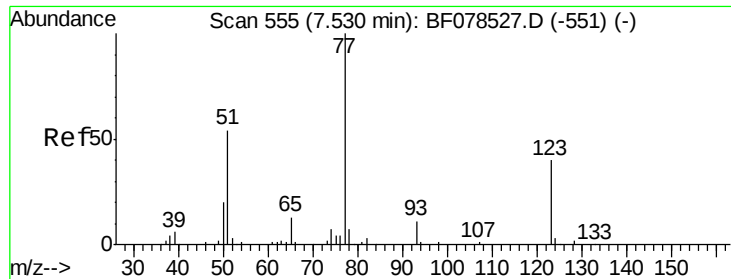


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

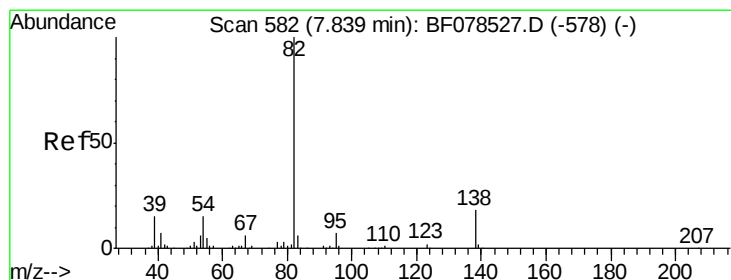
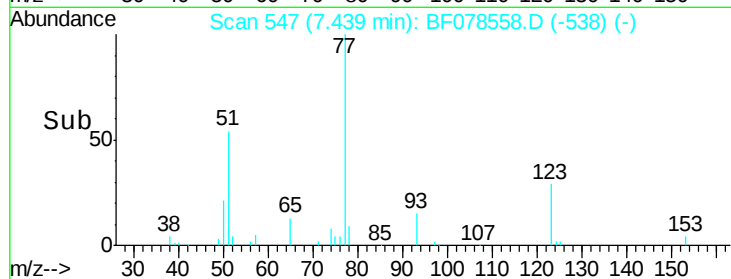
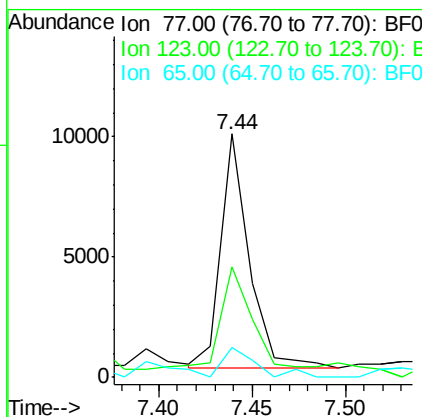
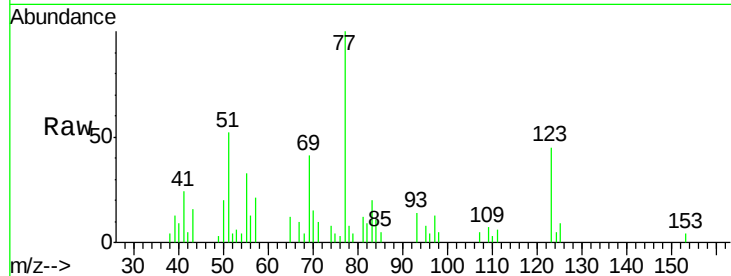




#24
 Nitrobenzene
 Concen: 4.25 ng
 RT: 7.44 min Scan# 547
 Delta R.T. 0.00 min
 Lab File: BF078558.D
 Acq: 16 Apr 2015 2:09

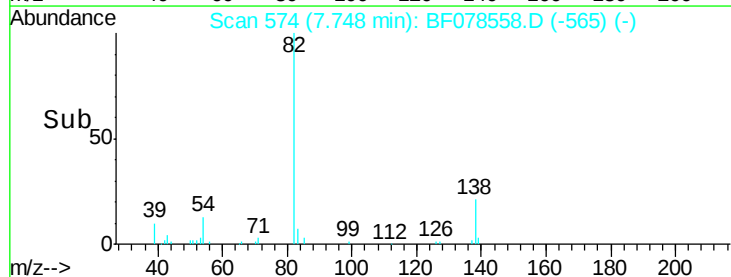
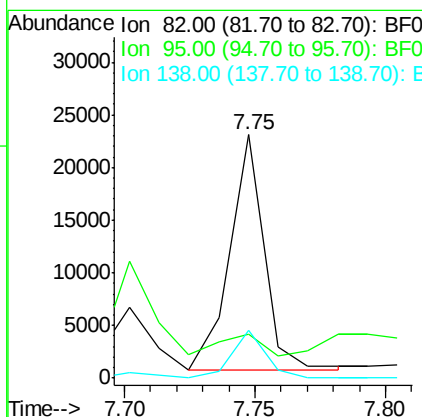
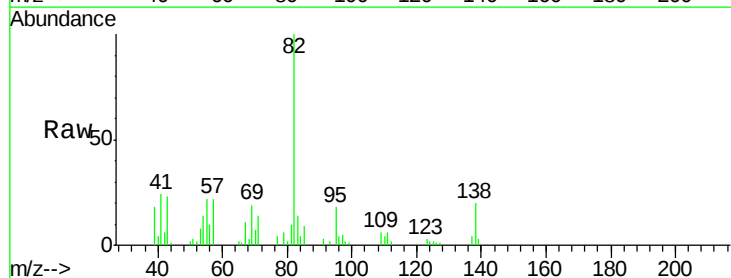
Instrument :
 BNA_F
 ClientSampleId :
 LS-SB11A(6-12)MS

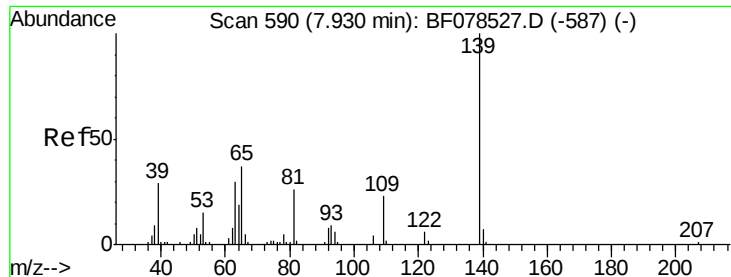
Tgt Ion: 77 Resp: 10346
 Ion Ratio Lower Upper
 77 100
 123 45.4 46.9 70.3#
 65 12.2 9.5 14.3



#25
 Isophorone
 Concen: 4.68 ng
 RT: 7.75 min Scan# 574
 Delta R.T. 0.00 min
 Lab File: BF078558.D
 Acq: 16 Apr 2015 2:09

Tgt Ion: 82 Resp: 20678
 Ion Ratio Lower Upper
 82 100
 95 17.8 5.7 8.5#
 138 19.6 15.8 23.8





#26

2-Nitrophenol

Concen: 3.35 ng

RT: 7.84 min Scan# 582

Delta R.T. 0.00 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

Instrument :

BNA_F

ClientSampleId :

LS-SB11A(6-12)MS

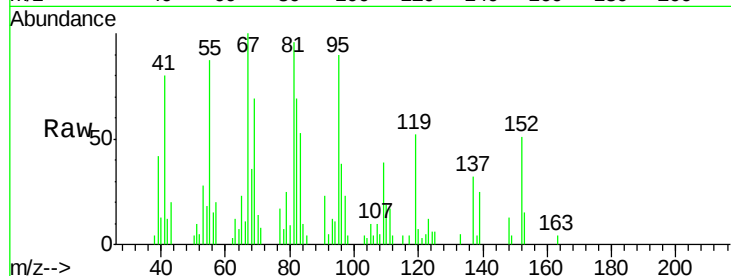
Tgt Ion:139 Resp: 3880

Ion Ratio Lower Upper

139 100

109 157.2 19.8 29.8#

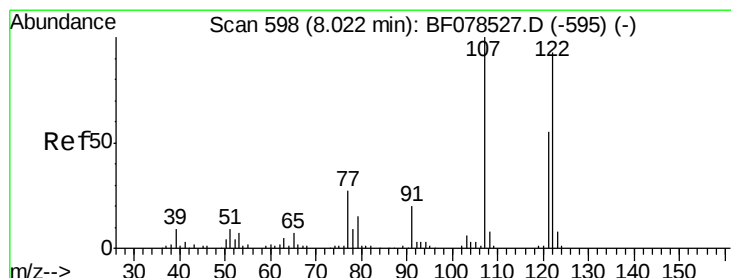
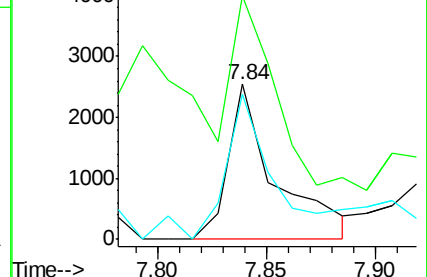
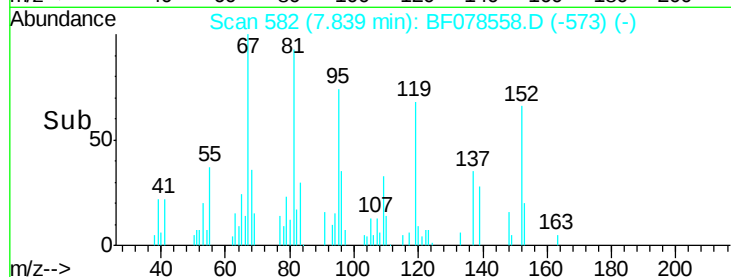
65 93.3 32.7 49.1#



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



#27

2,4-Dimethylphenol

Concen: 4.36 ng

RT: 7.93 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

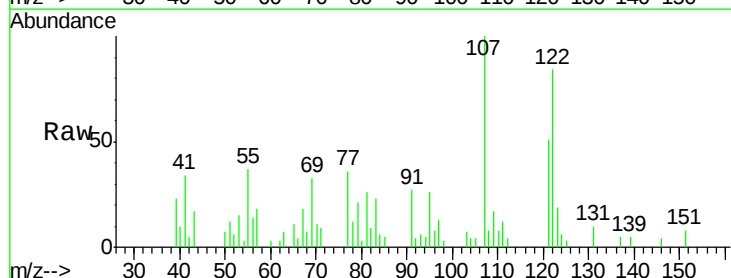
Tgt Ion:122 Resp: 9400

Ion Ratio Lower Upper

122 100

107 118.4 84.6 127.0

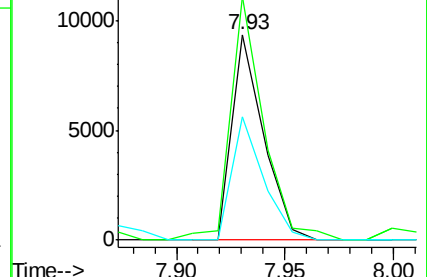
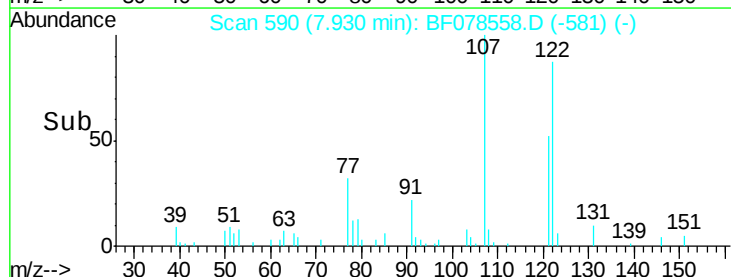
121 59.8 46.0 69.0

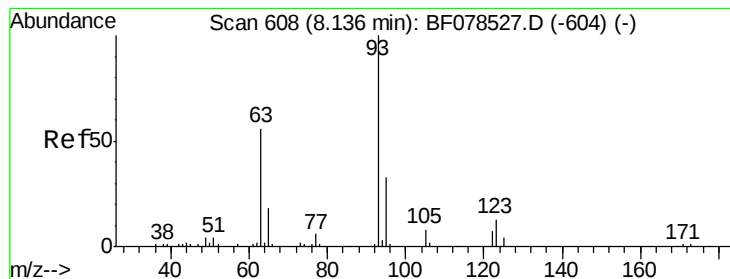


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E





#28

bis(2-Chloroethoxy)methane

Concen: 5.80 ng

RT: 8.04 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

Instrument :

BNA_F

ClientSampleId :

LS-SB11A(6-12)MS

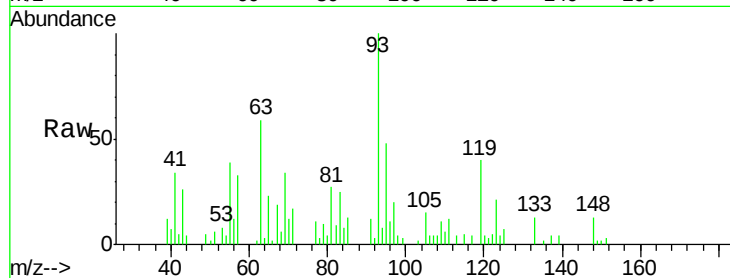
Tgt Ion: 93 Resp: 16420

Ion Ratio Lower Upper

93 100

95 48.3 26.3 39.5#

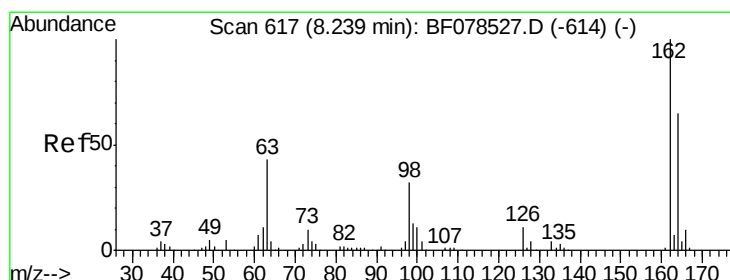
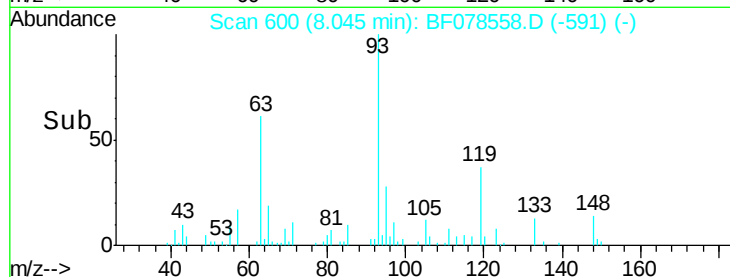
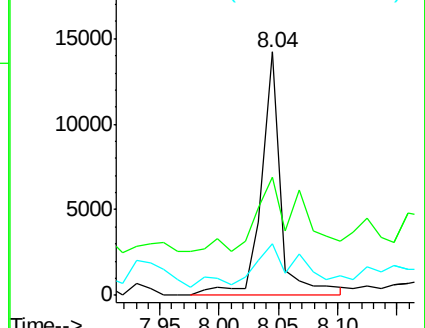
123 21.1 9.1 13.7#



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): BF0



#29

2,4-Dichlorophenol

Concen: 4.85 ng

RT: 8.16 min Scan# 610

Delta R.T. 0.01 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

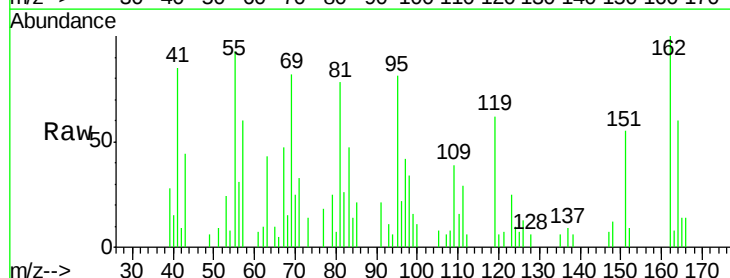
Tgt Ion: 162 Resp: 9514

Ion Ratio Lower Upper

162 100

164 60.2 47.0 87.0

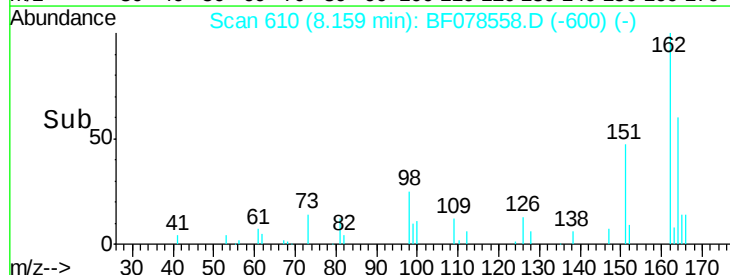
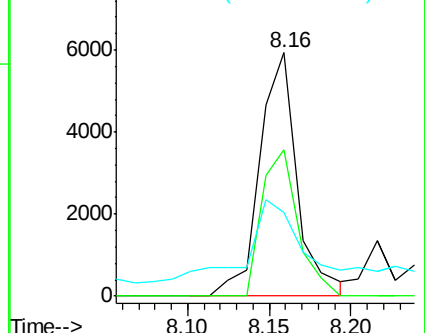
98 34.3 9.2 49.2

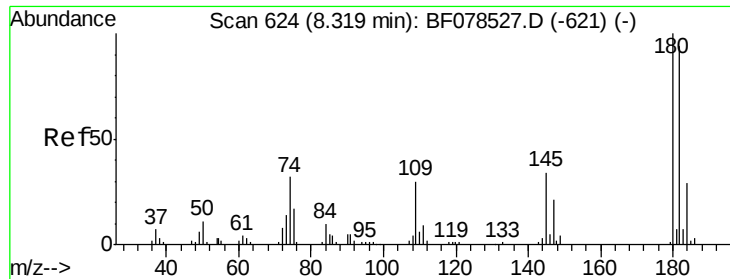


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0

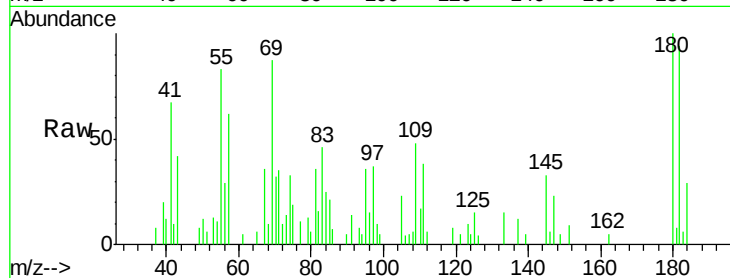




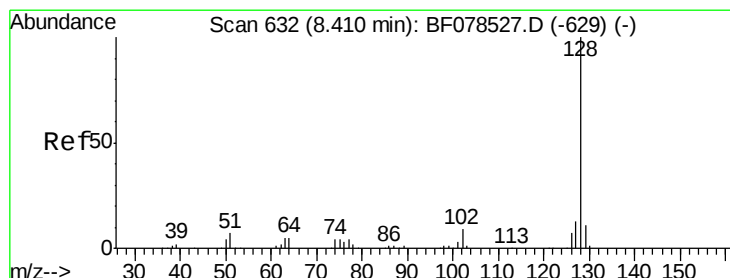
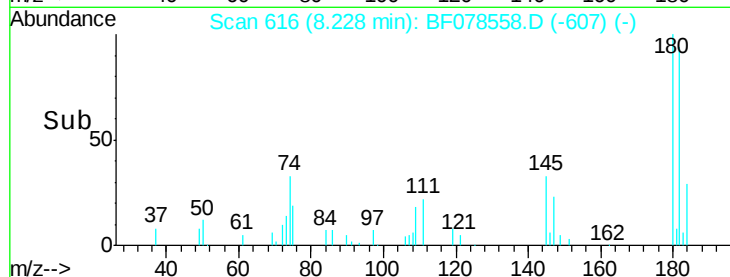
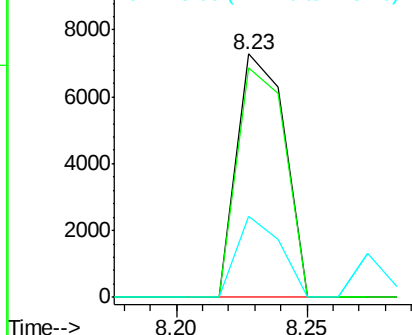
#30
 1,2,4-Trichlorobenzene
 Concen: 4.14 ng
 RT: 8.23 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF078558.D
 Acq: 16 Apr 2015 2:09

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB11A(6-12)MS

Tgt Ion:180 Resp: 9300
 Ion Ratio Lower Upper
 180 100
 182 94.1 76.9 115.3
 145 33.2 22.5 33.7

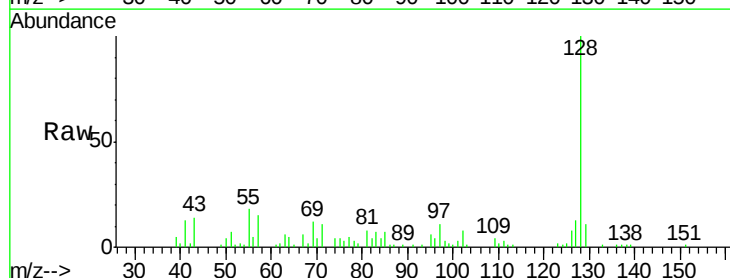


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

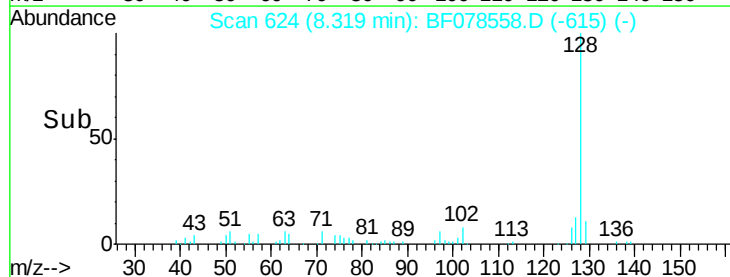
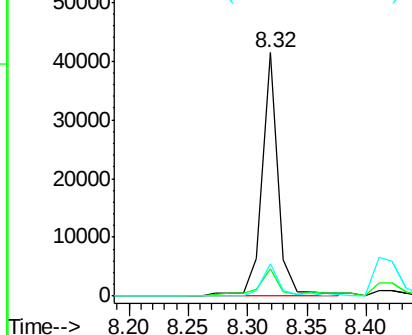


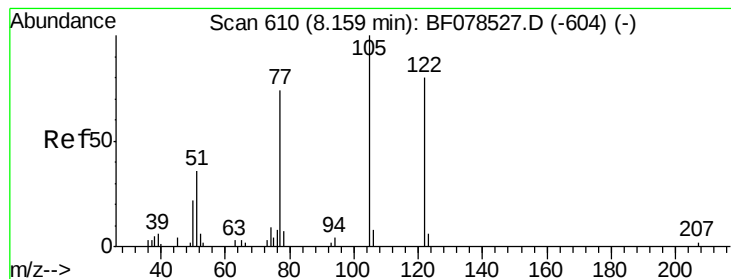
#31
 Naphthalene
 Concen: 5.41 ng
 RT: 8.32 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF078558.D
 Acq: 16 Apr 2015 2:09

Tgt Ion:128 Resp: 39708
 Ion Ratio Lower Upper
 128 100
 129 11.4 8.6 12.8
 127 13.3 10.7 16.1



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: 7.97 ng

RT: 8.04 min Scan# 600

Delta R.T. -0.02 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

Instrument :

BNA_F

ClientSampleId :

LS-SB11A(6-12)MS

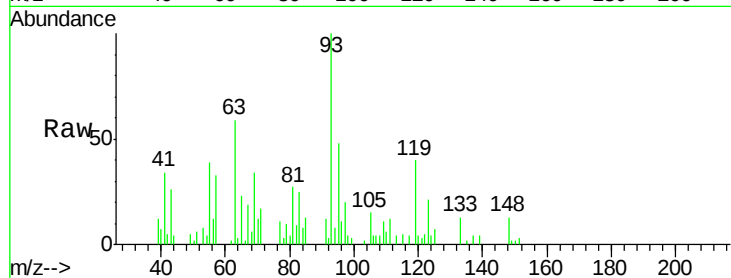
Tgt Ion:122 Resp: 2504

Ion Ratio Lower Upper

122 100

105 291.1 96.1 136.1#

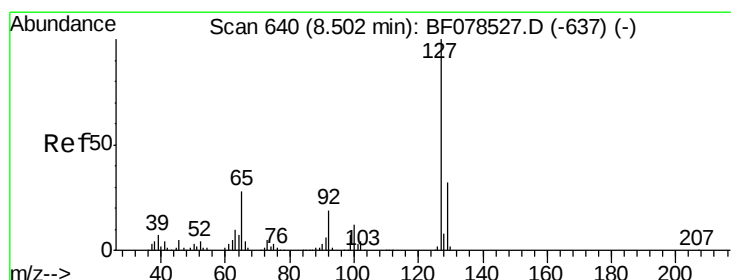
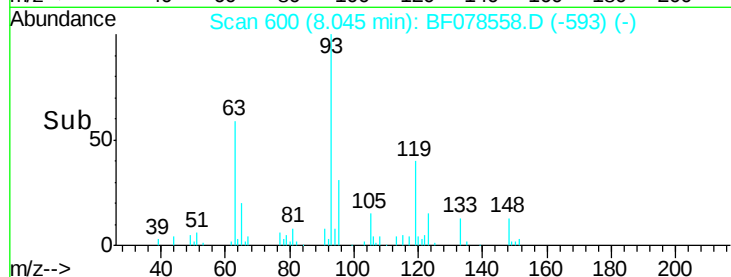
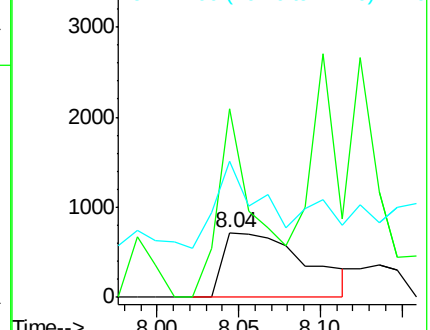
77 210.7 64.1 104.1#



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: 3.56 ng

RT: 8.41 min Scan# 632

Delta R.T. 0.00 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

Tgt Ion:127 Resp: 10850

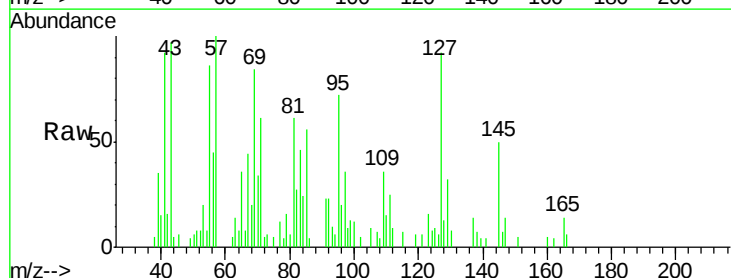
Ion Ratio Lower Upper

127 100

129 34.9 25.5 38.3

65 39.5 21.7 32.5#

92 25.1 14.6 21.8#

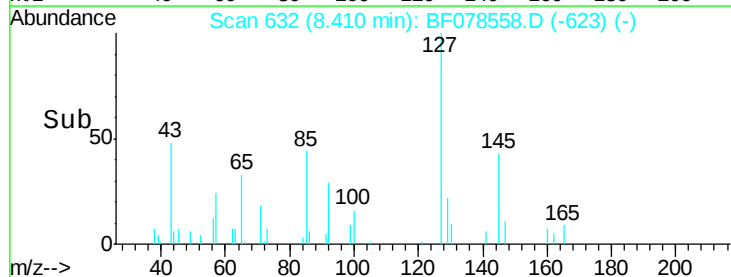
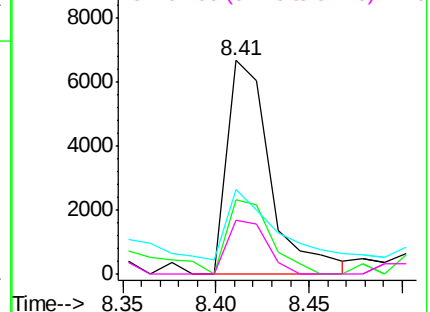


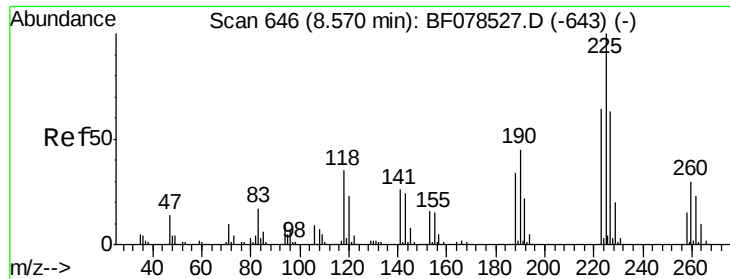
Abundance Ion 127.00 (126.70 to 127.70): E

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

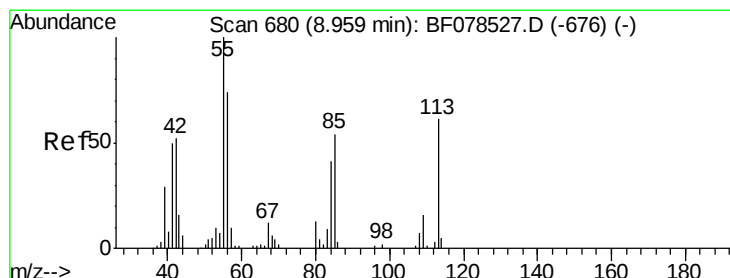
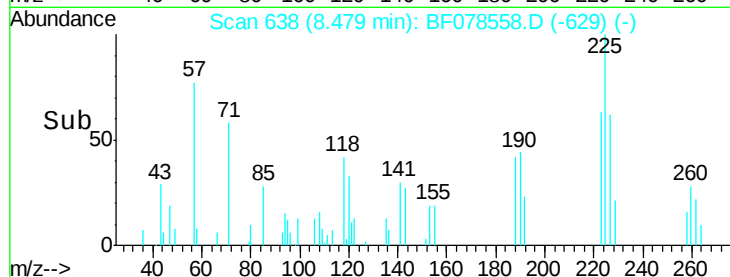
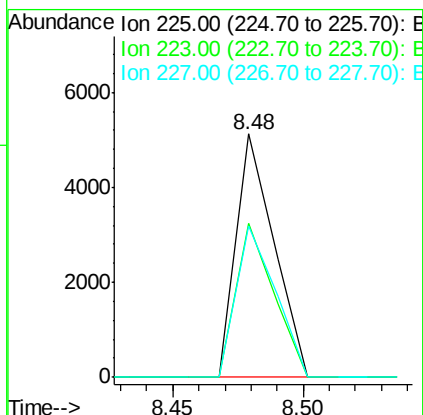
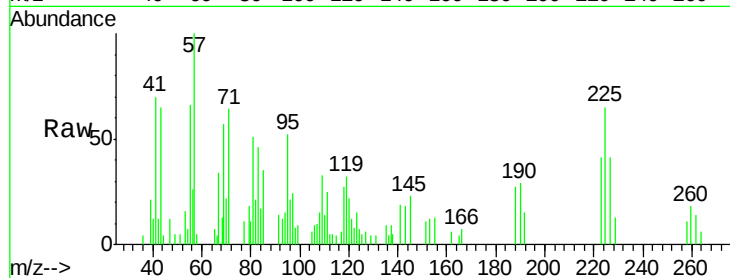




#34
Hexachlorobutadiene
Concen: 4.23 ng
RT: 8.48 min Scan# 638
Delta R.T. 0.00 min
Lab File: BF078558.D
Acq: 16 Apr 2015 2:09

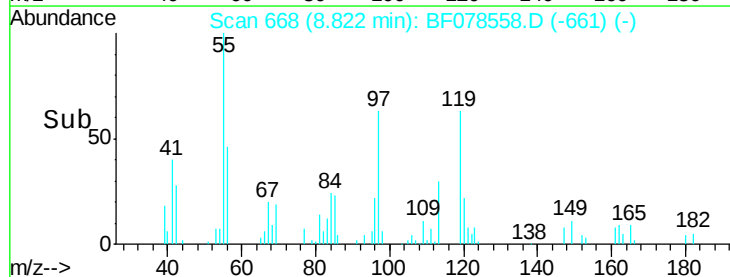
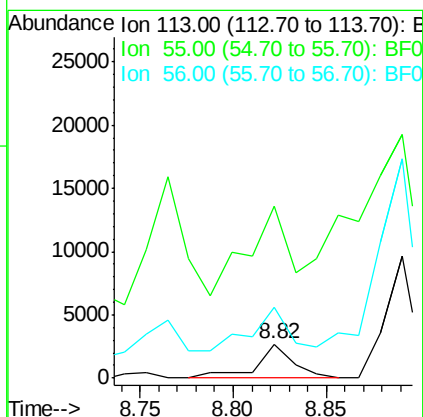
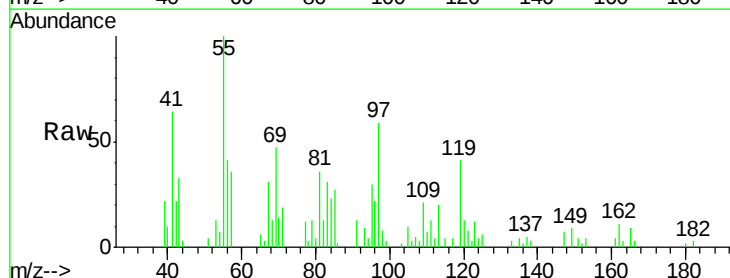
Instrument :
BNA_F
ClientSampleId :
LS-SB11A(6-12)MS

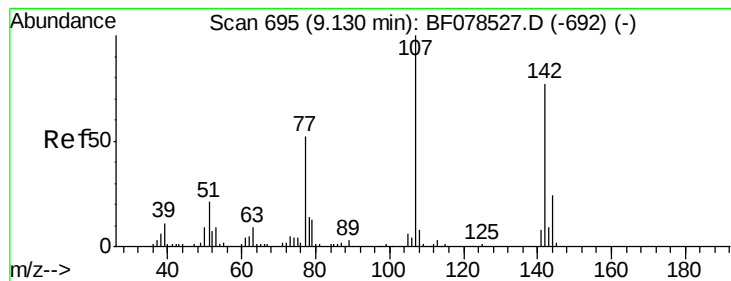
Tgt Ion: 225 Resp: 5222
Ion Ratio Lower Upper
225 100
223 63.4 47.5 71.3
227 62.2 50.2 75.2



#35
Caprolactam
Concen: 6.37 ng
RT: 8.82 min Scan# 668
Delta R.T. -0.02 min
Lab File: BF078558.D
Acq: 16 Apr 2015 2:09

Tgt Ion: 113 Resp: 3727
Ion Ratio Lower Upper
113 100
55 505.7 151.9 191.9#
56 208.7 106.1 146.1#





#36

4-Chloro-3-methylphenol

Concen: 4.68 ng

RT: 9.05 min Scan# 688

Delta R.T. 0.01 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

Instrument :

BNA_F

ClientSampleId :

LS-SB11A(6-12)MS

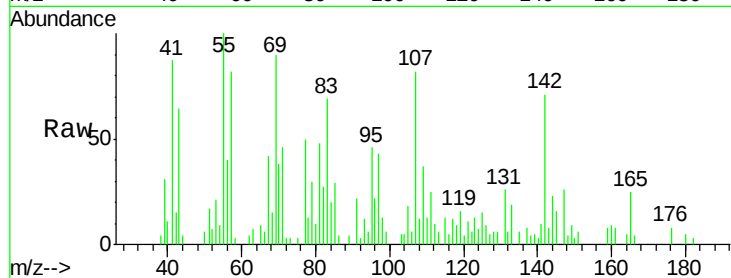
Tgt Ion:107 Resp: 9259

Ion Ratio Lower Upper

107 100

144 27.6 18.2 27.2#

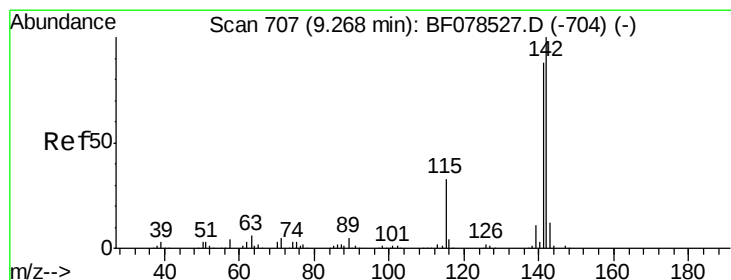
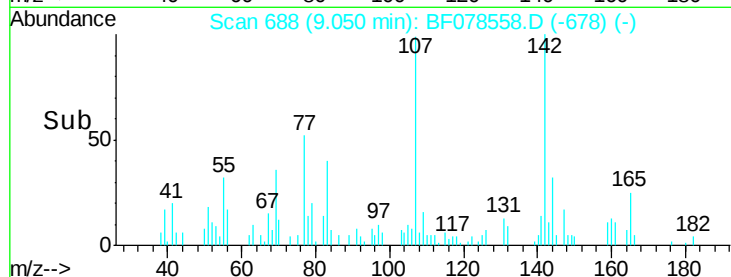
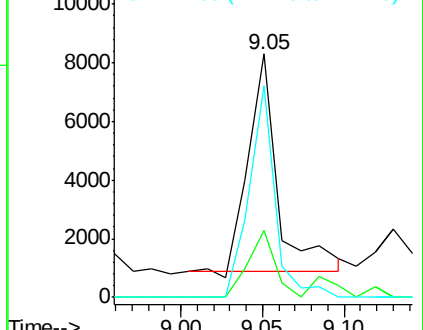
142 86.8 58.0 87.0



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 5.17 ng

RT: 9.18 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

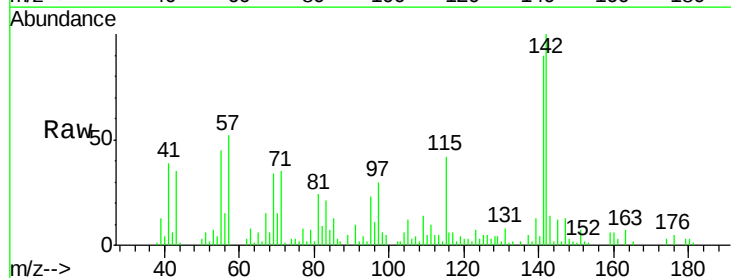
Tgt Ion:142 Resp: 25748

Ion Ratio Lower Upper

142 100

141 89.8 70.3 105.5

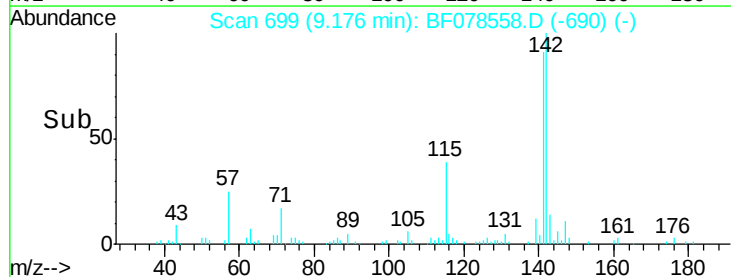
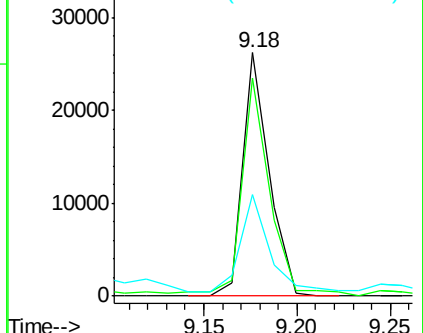
115 41.6 24.6 37.0#

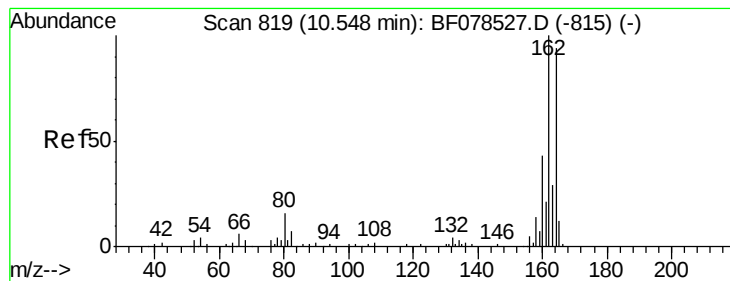


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.46 min Scan# 811

Delta R.T. 0.01 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

Instrument :

BNA_F

ClientSampleId :

LS-SB11A(6-12)MS

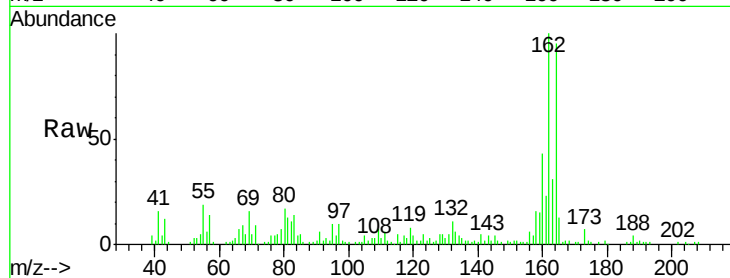
Tgt Ion:164 Resp: 70662

Ion Ratio Lower Upper

164 100

162 105.1 82.2 123.2

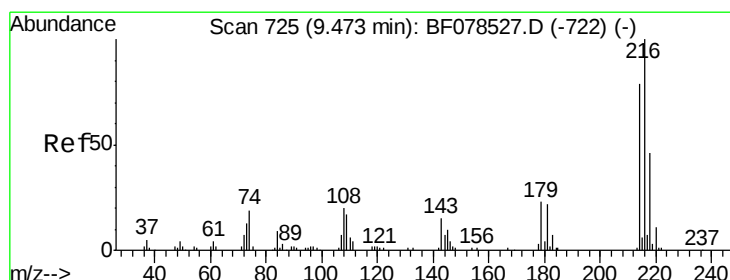
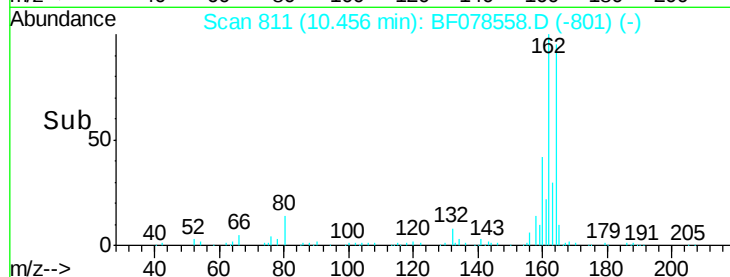
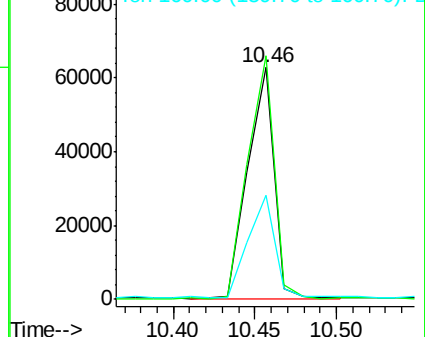
160 45.2 34.7 52.1



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: 4.10 ng

RT: 9.38 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

Tgt Ion:216 Resp: 8969

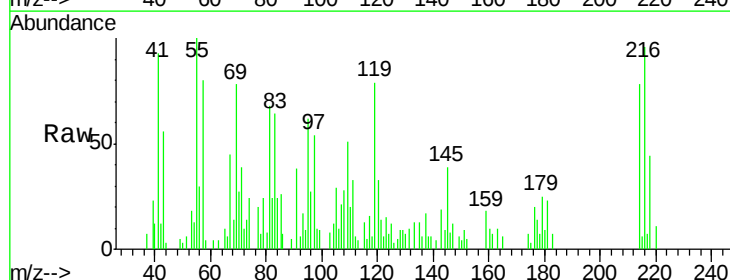
Ion Ratio Lower Upper

216 100

214 80.3 62.0 93.0

179 33.9 17.3 25.9#

108 30.8 14.6 21.8#

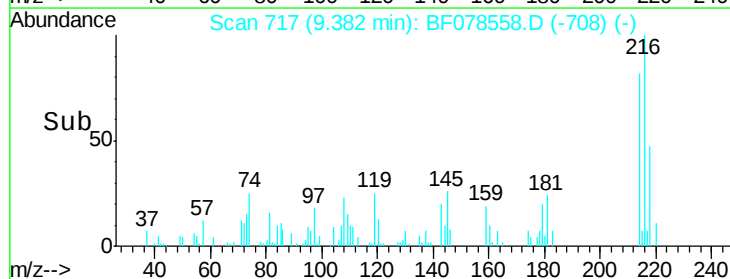
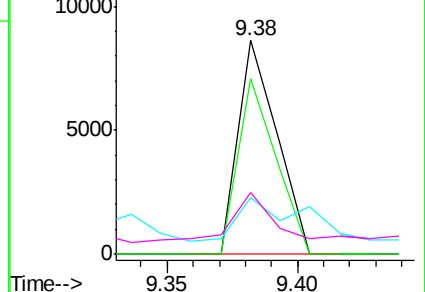


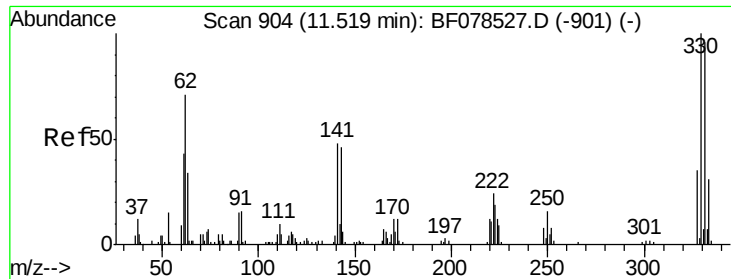
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

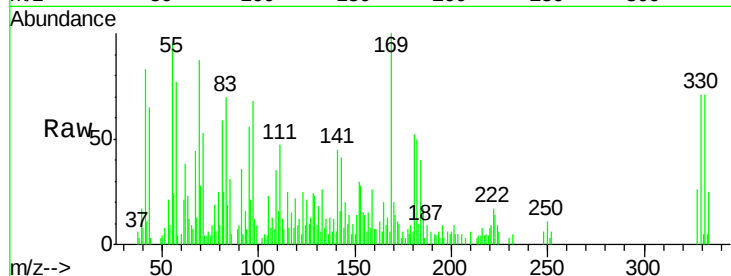




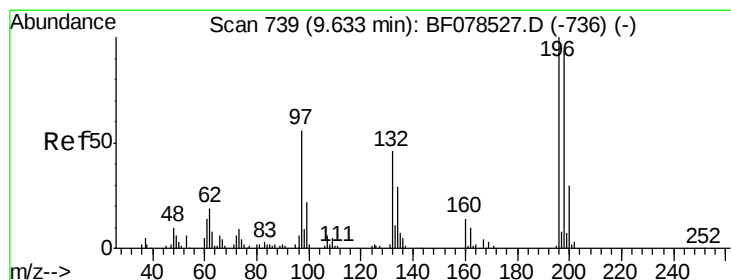
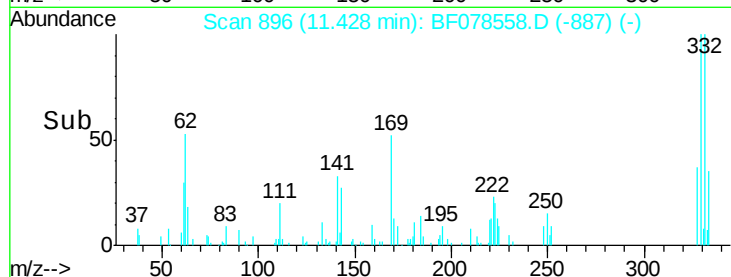
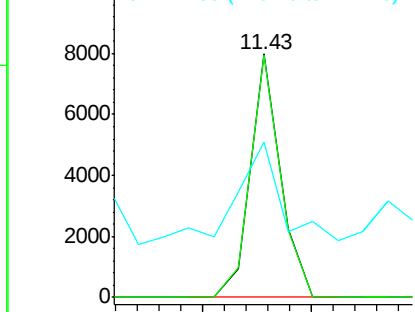
#41
 2,4,6-Tribromophenol
 Concen: 13.09 ng
 RT: 11.43 min Scan# 896
 Delta R.T. 0.00 min
 Lab File: BF078558.D
 Acq: 16 Apr 2015 2:09

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB11A(6-12)MS

Tgt Ion:330 Resp: 7674
 Ion Ratio Lower Upper
 330 100
 332 99.5 78.6 117.8
 141 55.5 31.2 46.8#

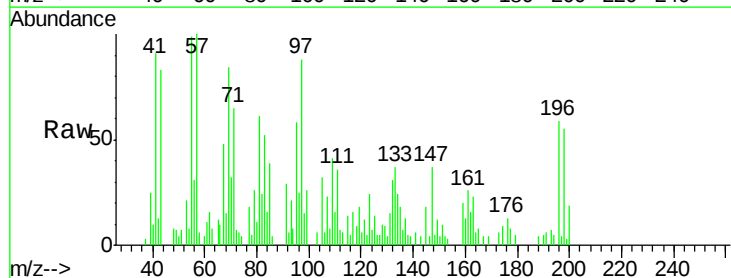


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

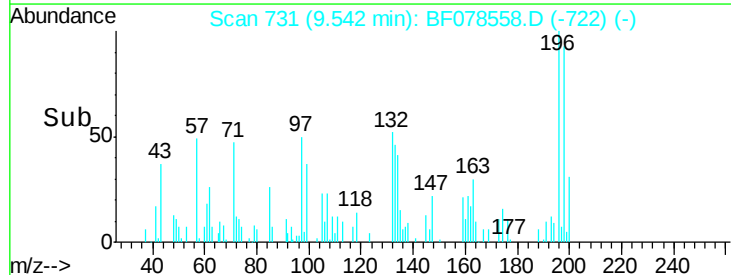
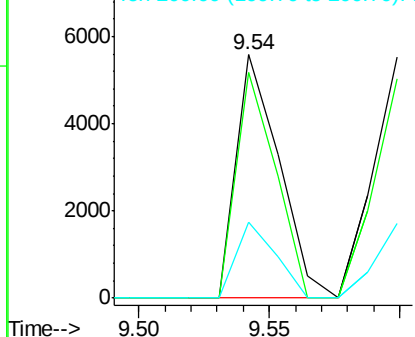


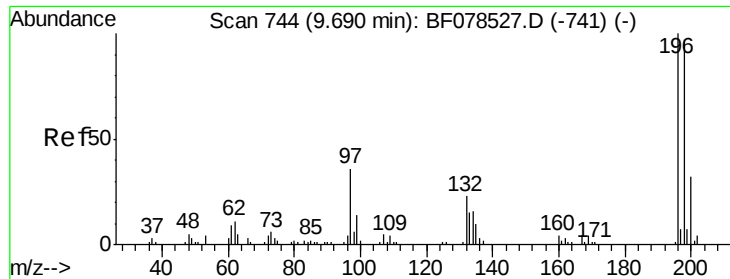
#42
 2,4,6-Trichlorophenol
 Concen: 4.66 ng
 RT: 9.54 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF078558.D
 Acq: 16 Apr 2015 2:09

Tgt Ion:196 Resp: 6434
 Ion Ratio Lower Upper
 196 100
 198 92.6 75.4 113.2
 200 31.4 24.0 36.0



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

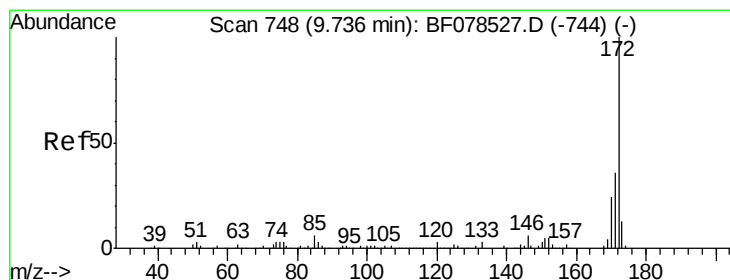
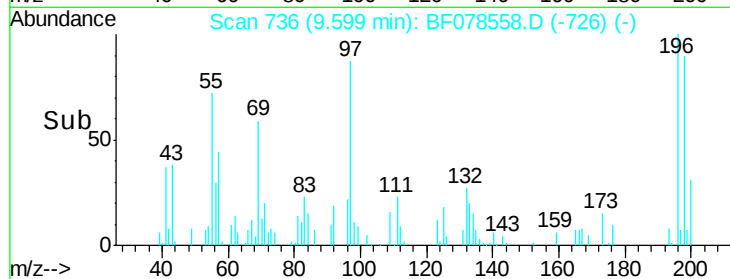
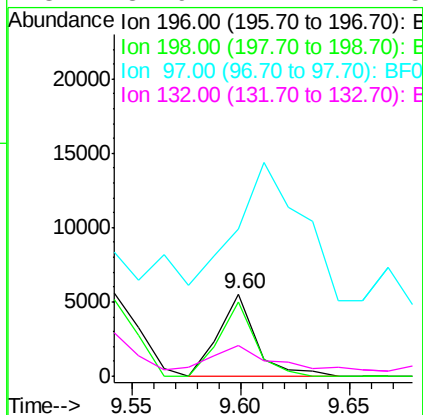
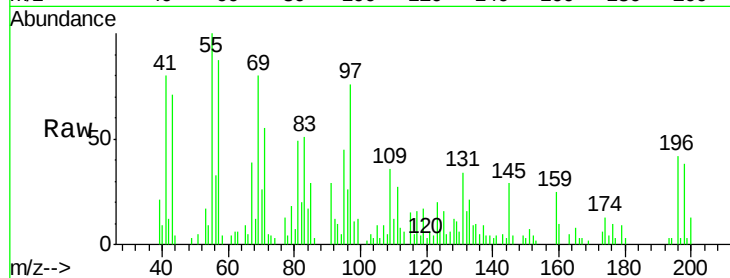




#43
 2,4,5-Trichlorophenol
 Concen: 4.68 ng
 RT: 9.60 min Scan# 736
 Delta R.T. 0.01 min
 Lab File: BF078558.D
 Acq: 16 Apr 2015 2:09

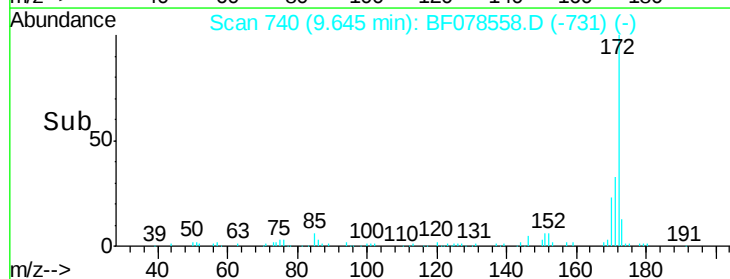
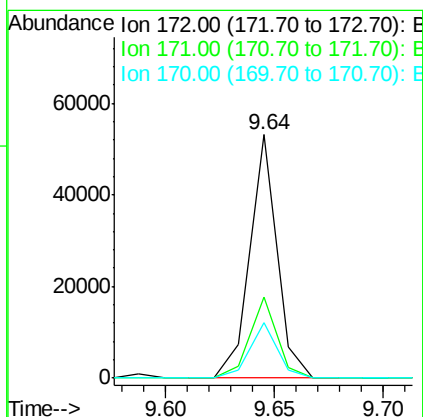
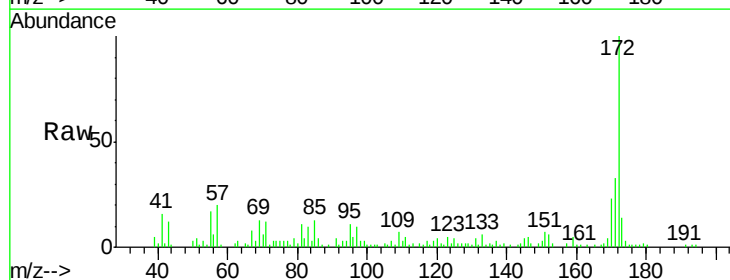
Instrument :
 BNA_F
 ClientSampleId :
 LS-SB11A(6-12)MS

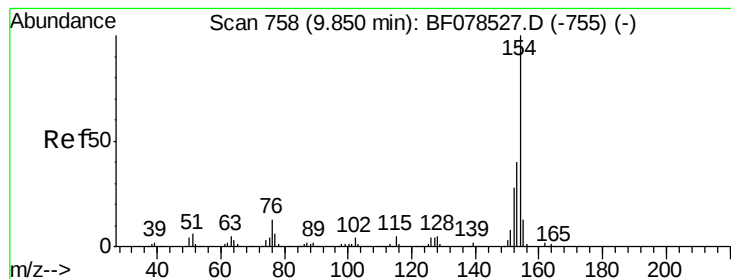
Tgt Ion:196 Resp: 6747
 Ion Ratio Lower Upper
 196 100
 198 90.5 76.6 115.0
 97 179.3 50.6 75.8#
 132 37.9 27.7 41.5



#44
 2-Fluorobiphenyl
 Concen: 9.33 ng
 RT: 9.64 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF078558.D
 Acq: 16 Apr 2015 2:09

Tgt Ion:172 Resp: 46139
 Ion Ratio Lower Upper
 172 100
 171 33.4 28.6 42.8
 170 22.9 18.5 27.7





#45

1,1'-Biphenyl

Concen: 4.79 ng

RT: 9.76 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

Instrument :

BNA_F

ClientSampleId :

LS-SB11A(6-12)MS

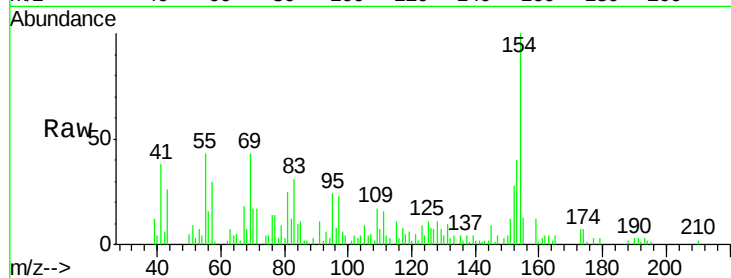
Tgt Ion:154 Resp: 27665

Ion Ratio Lower Upper

154 100

153 40.4 20.0 60.0

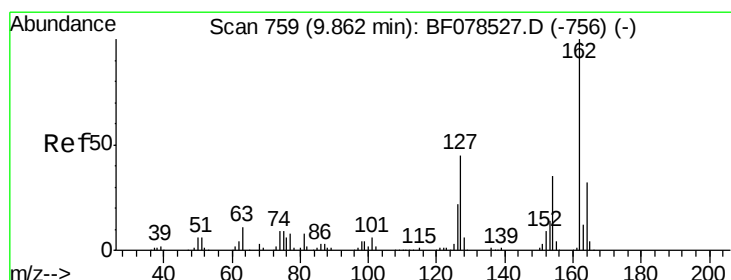
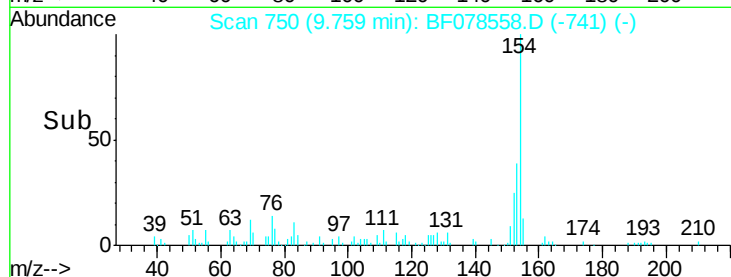
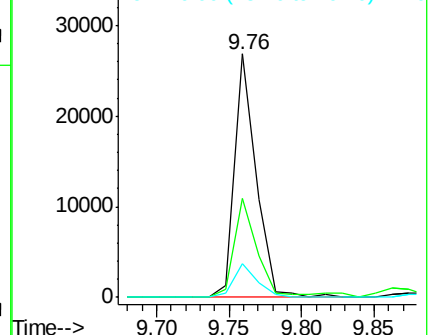
76 13.9 0.0 30.6



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: 4.48 ng

RT: 9.77 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

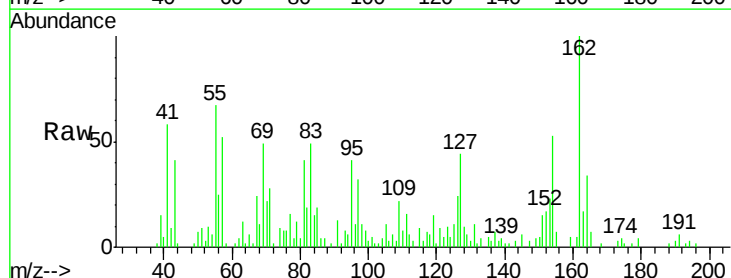
Tgt Ion:162 Resp: 20375

Ion Ratio Lower Upper

162 100

127 44.1 32.6 49.0

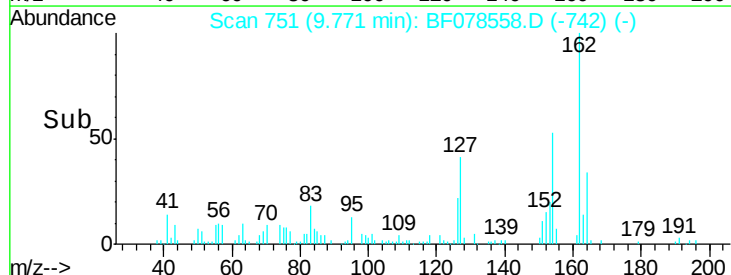
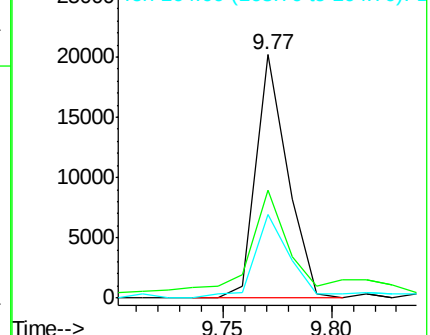
164 34.3 26.0 39.0

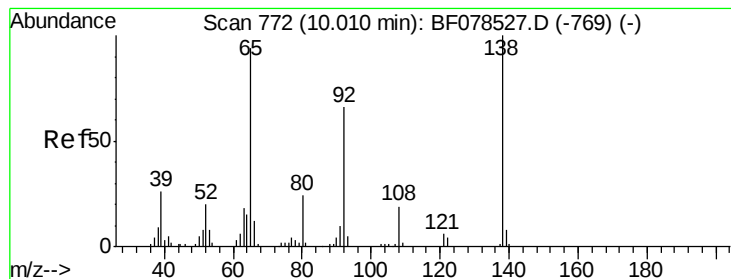


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 5.26 ng

RT: 9.92 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

Instrument :

BNA_F

ClientSampleId :

LS-SB11A(6-12)MS

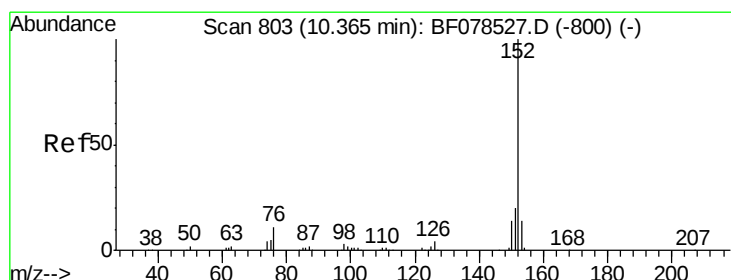
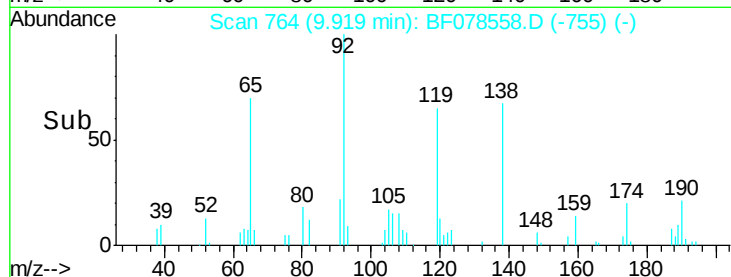
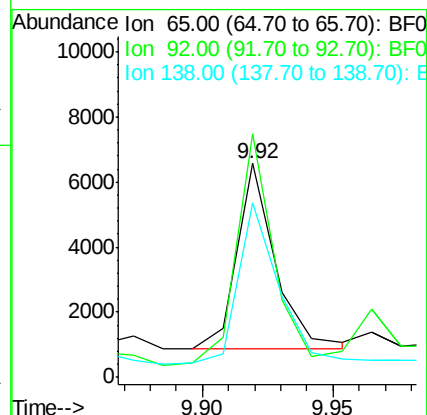
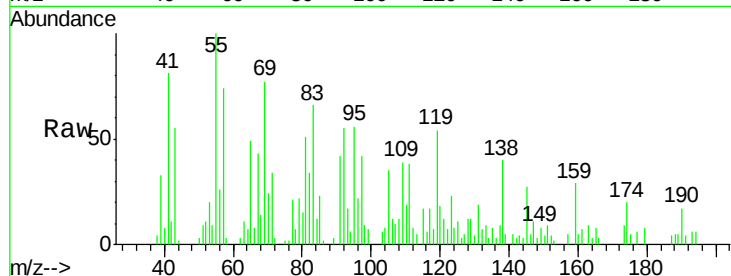
Tgt Ion: 65 Resp: 5913

Ion Ratio Lower Upper

65 100

92 113.8 51.3 76.9#

138 81.3 70.4 105.6



#48

Acenaphthylene

Concen: 6.05 ng

RT: 10.27 min Scan# 795

Delta R.T. 0.00 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

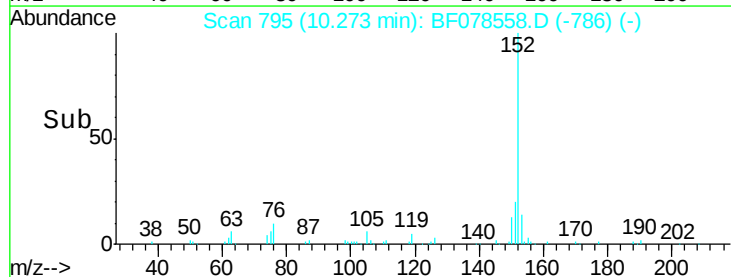
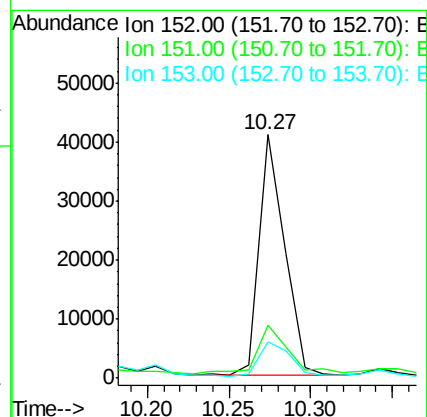
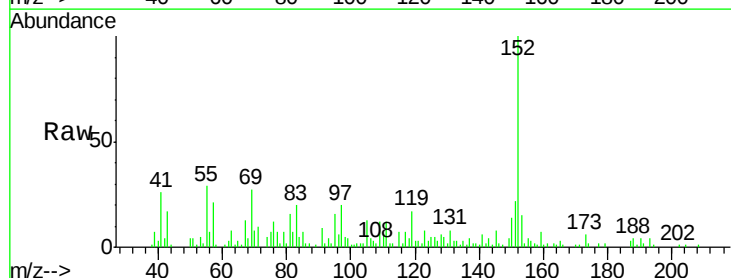
Tgt Ion: 152 Resp: 44428

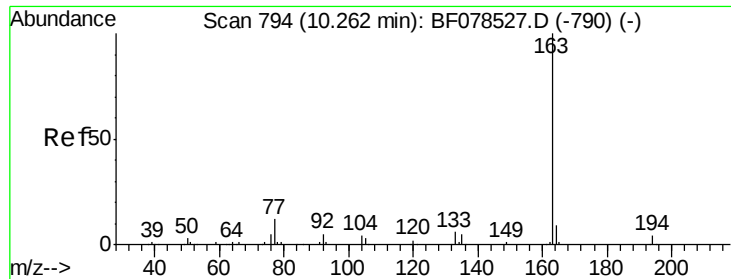
Ion Ratio Lower Upper

152 100

151 21.8 15.7 23.5

153 14.9 10.2 15.2

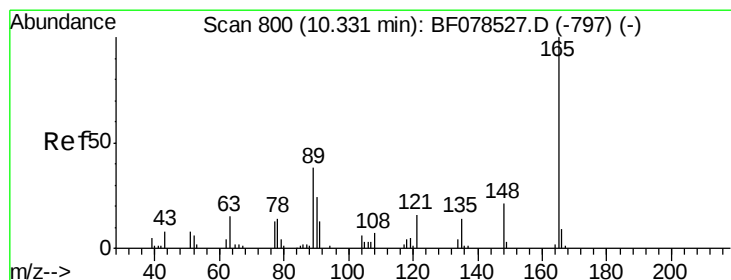
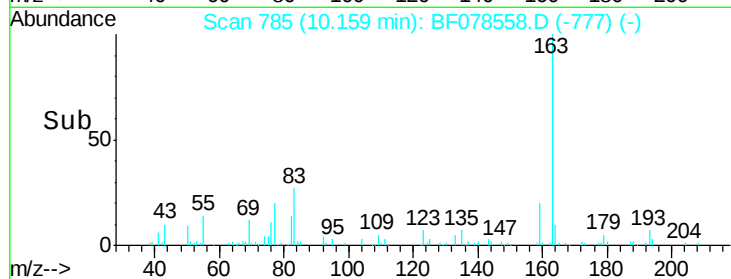
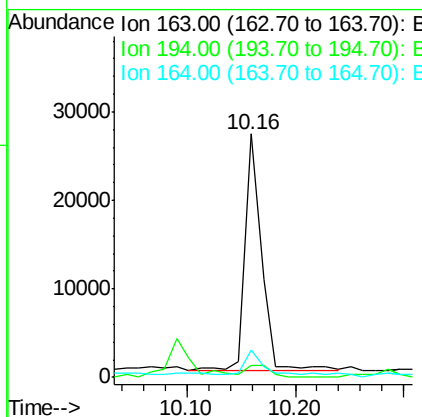
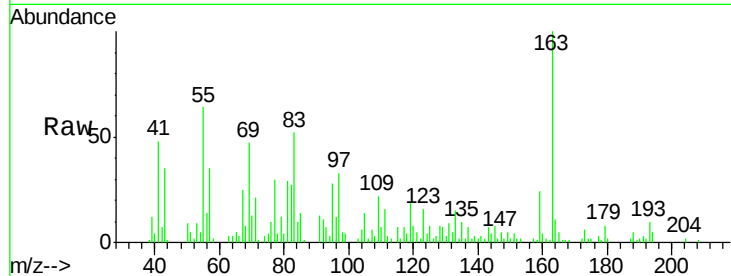




#49
Dimethylphthalate
Concen: 5.30 ng
RT: 10.16 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF078558.D
Acq: 16 Apr 2015 2:09

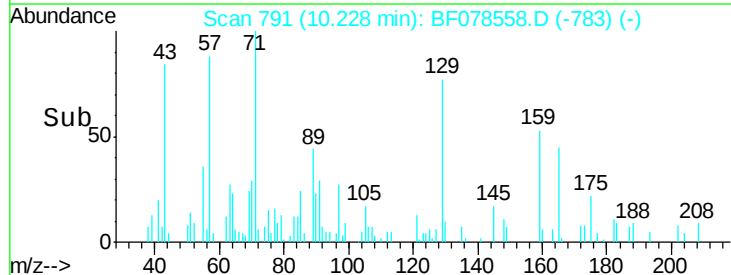
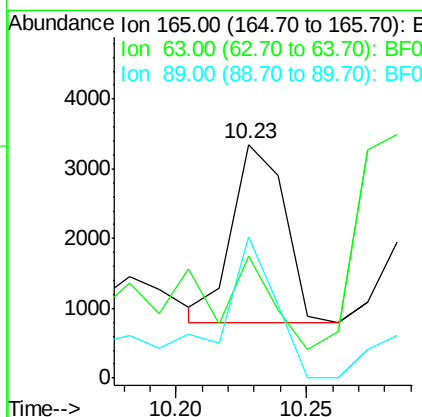
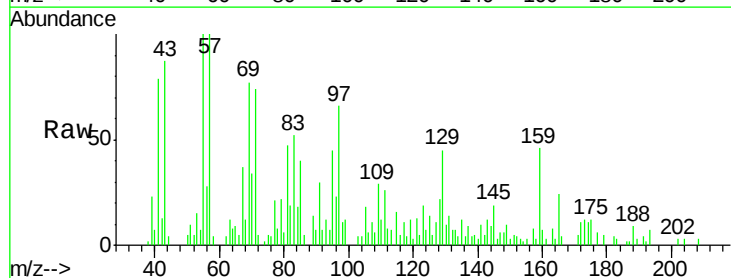
Instrument :
BNA_F
ClientSampleId :
LS-SB11A(6-12)MS

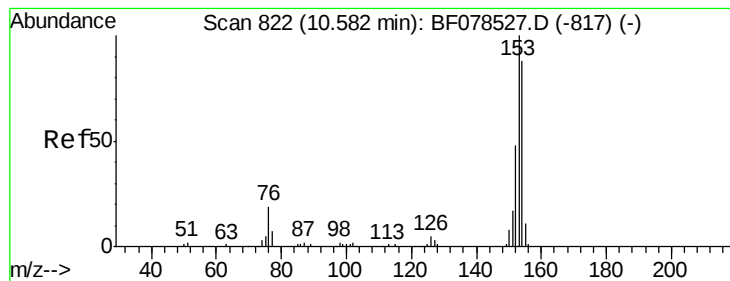
Tgt Ion:163 Resp: 28119
Ion Ratio Lower Upper
163 100
194 4.8 2.3 3.5#
164 11.2 8.6 13.0



#50
2,6-Dinitrotoluene
Concen: 3.32 ng
RT: 10.23 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF078558.D
Acq: 16 Apr 2015 2:09

Tgt Ion:165 Resp: 3626
Ion Ratio Lower Upper
165 100
63 52.3 24.1 36.1#
89 60.6 28.9 43.3#





#51

Acenaphthene

Concen: 6.57 ng

RT: 10.49 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

Instrument :

BNA_F

ClientSampleId :

LS-SB11A(6-12)MS

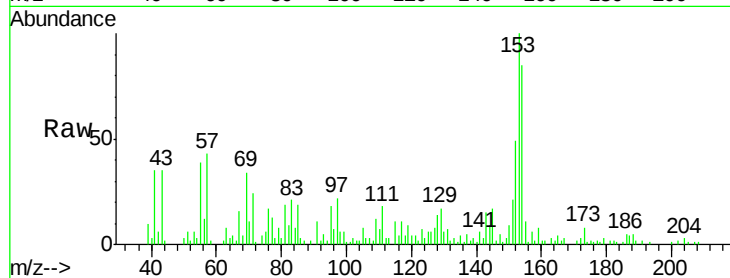
Tgt Ion:154 Resp: 27145

Ion Ratio Lower Upper

154 100

153 117.3 91.4 137.2

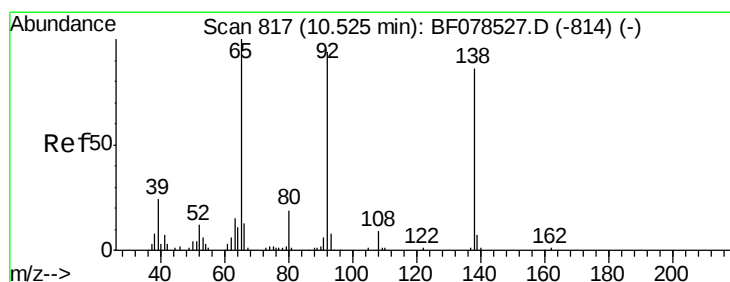
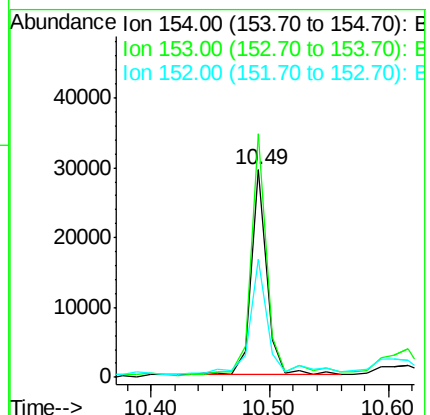
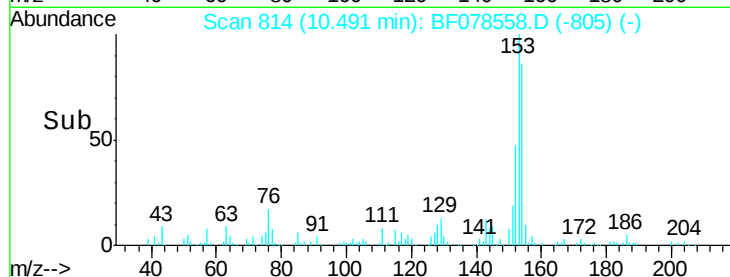
152 57.1 43.0 64.6



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: 5.57 ng

RT: 10.43 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

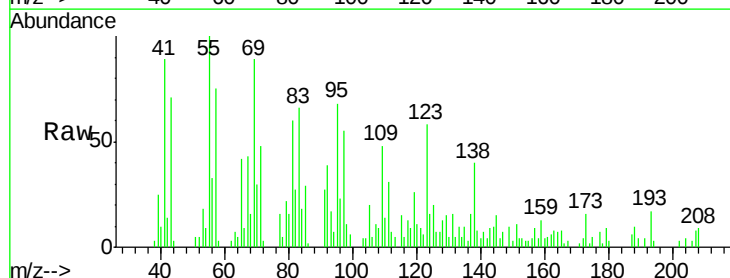
Tgt Ion:138 Resp: 6918

Ion Ratio Lower Upper

138 100

108 22.9 8.2 12.4#

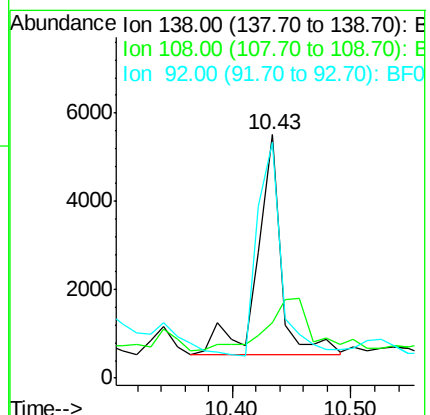
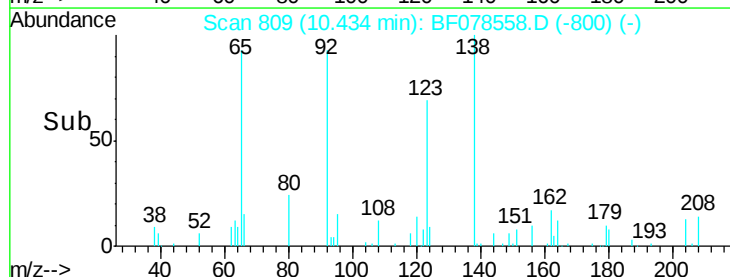
92 96.7 88.4 132.6

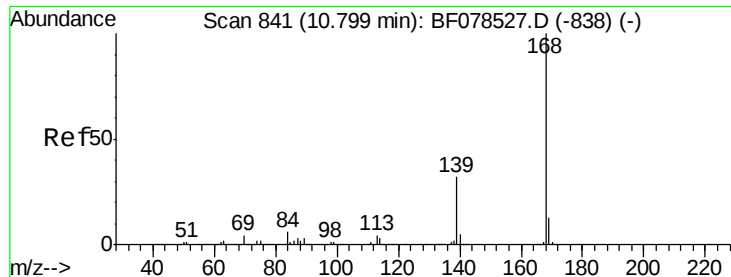


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

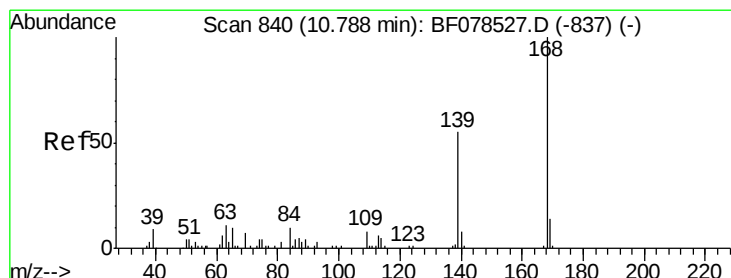
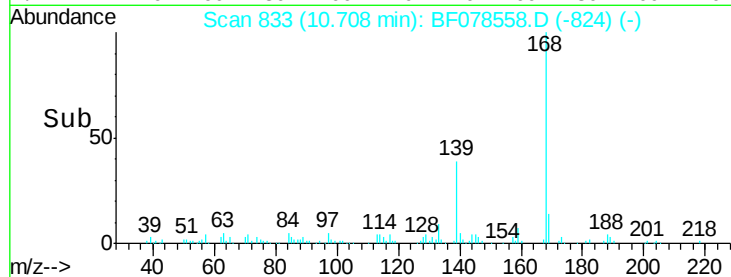
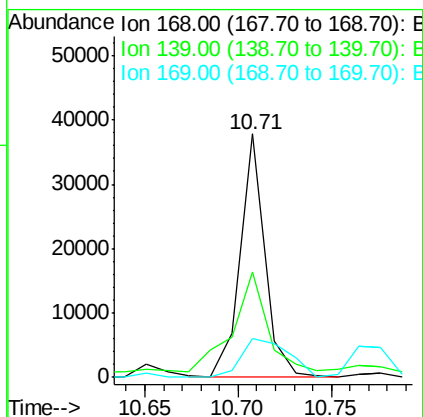
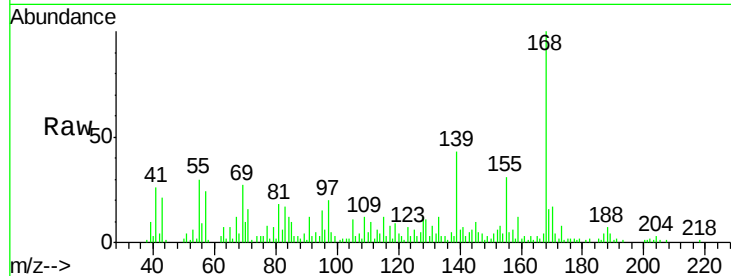




#54
Dibenzo(furan)
Concen: 5.58 ng
RT: 10.71 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF078558.D
Acq: 16 Apr 2015 2:09

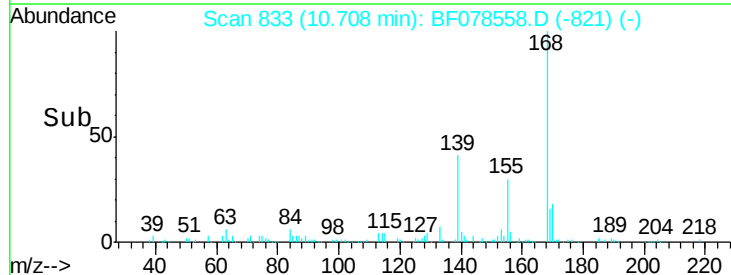
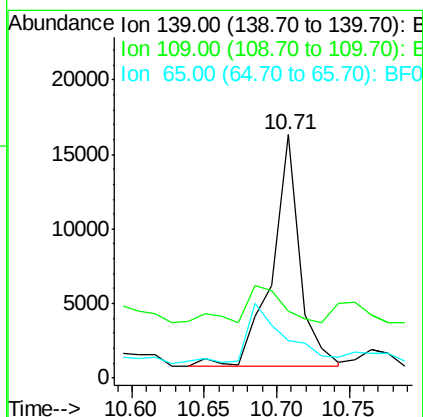
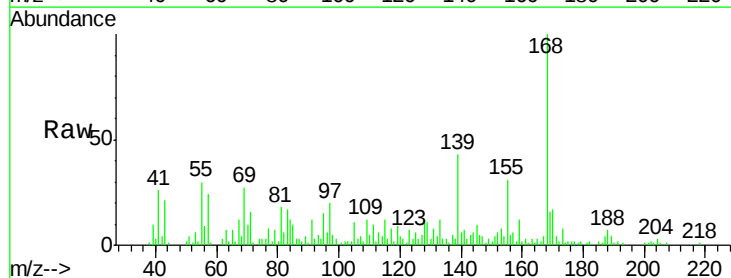
Instrument :
BNA_F
ClientSampleId :
LS-SB11A(6-12)MS

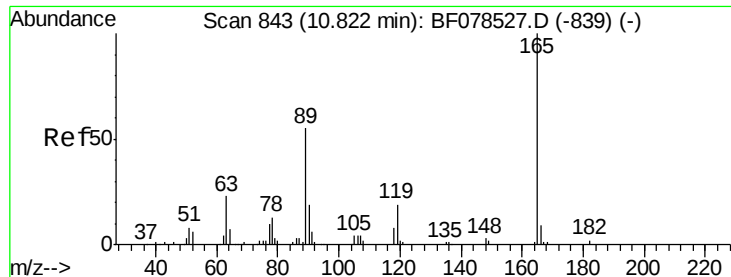
Tgt Ion:168 Resp: 35213
Ion Ratio Lower Upper
168 100
139 43.2 31.0 46.4
169 15.8 10.7 16.1



#55
4-Nitrophenol
Concen: 24.54 ng
RT: 10.71 min Scan# 833
Delta R.T. 0.03 min
Lab File: BF078558.D
Acq: 16 Apr 2015 2:09

Tgt Ion:139 Resp: 20625
Ion Ratio Lower Upper
139 100
109 27.4 36.7 76.7#
65 15.7 49.9 89.9#

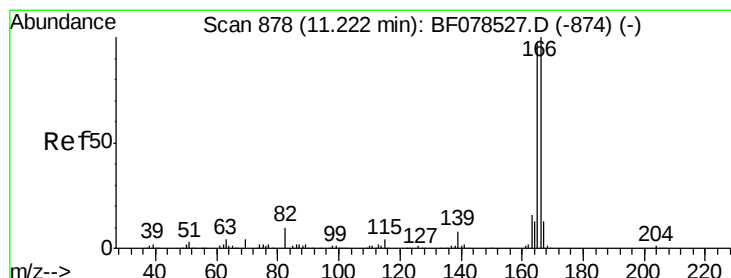
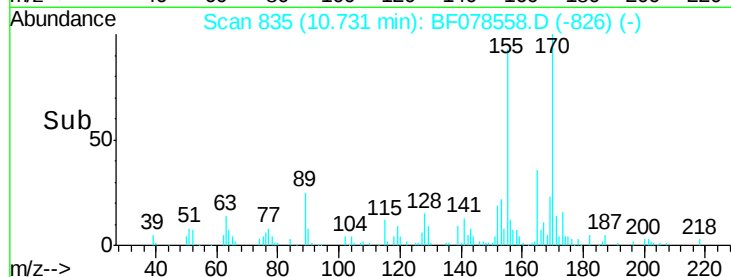
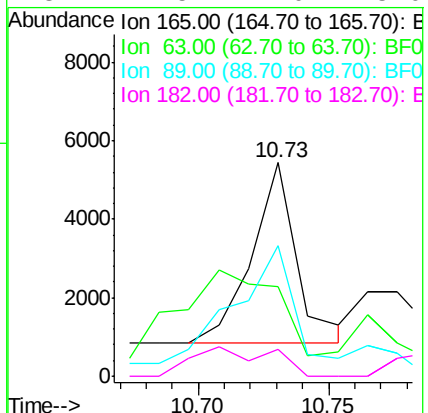
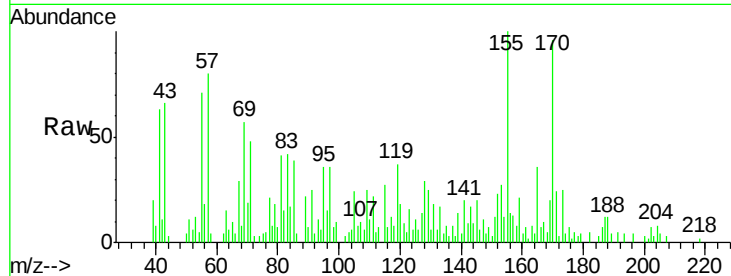




#56
2,4-Dinitrotoluene
Concen: 3.94 ng
RT: 10.73 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF078558.D
Acq: 16 Apr 2015 2:09

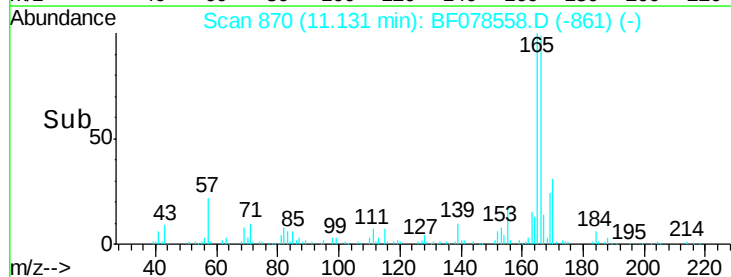
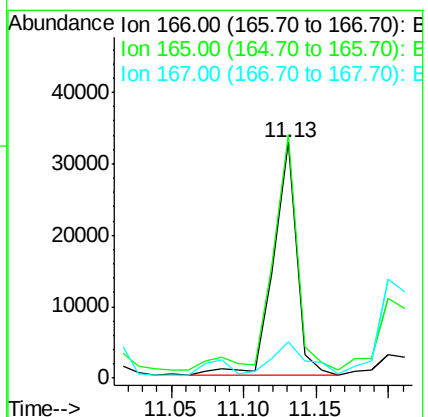
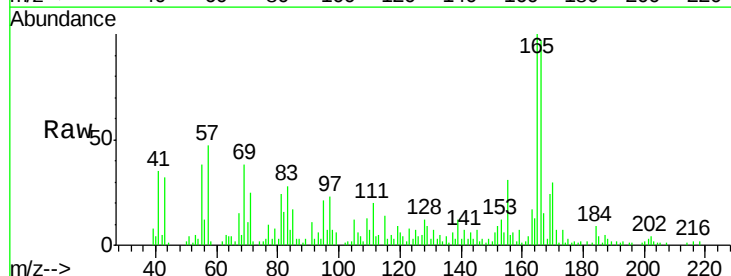
Instrument :
BNA_F
ClientSampleId :
LS-SB11A(6-12)MS

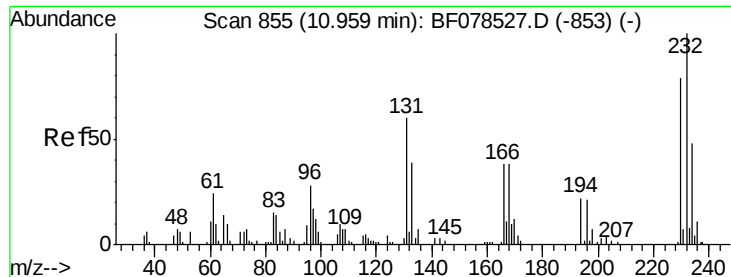
Tgt Ion:165 Resp: 5574
Ion Ratio Lower Upper
165 100
63 41.7 26.5 39.7#
89 61.2 46.4 69.6
182 12.5 2.0 3.0#



#57
Fluorene
Concen: 7.10 ng
RT: 11.13 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF078558.D
Acq: 16 Apr 2015 2:09

Tgt Ion:166 Resp: 36365
Ion Ratio Lower Upper
166 100
165 103.4 78.9 118.3
167 15.6 10.7 16.1

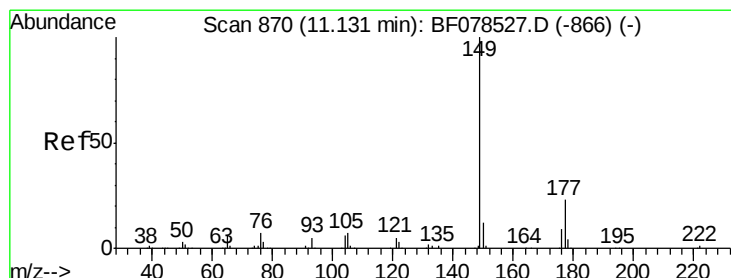
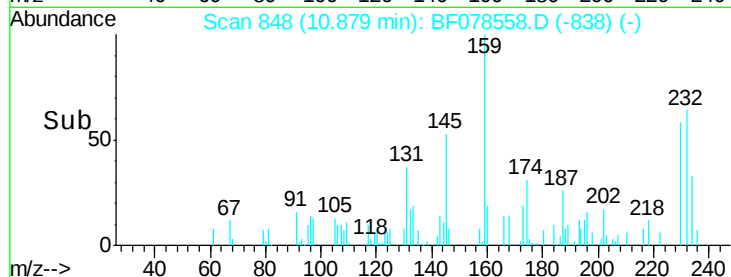
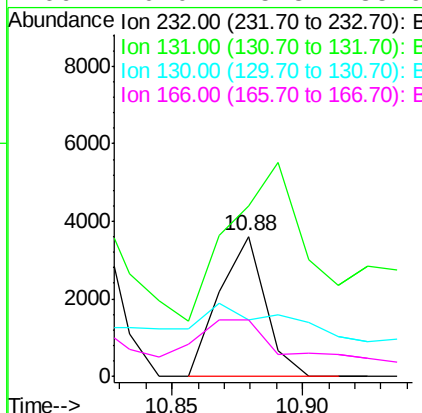
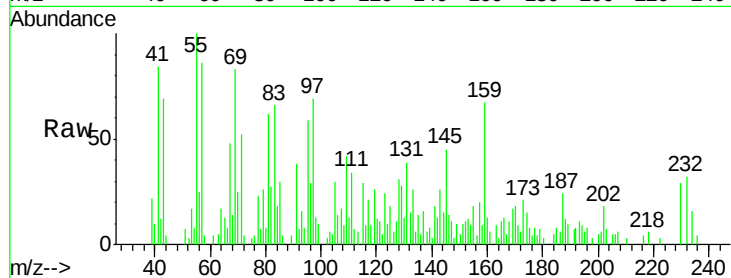




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 4.12 ng
 RT: 10.88 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: BF078558.D
 Acq: 16 Apr 2015 2:09

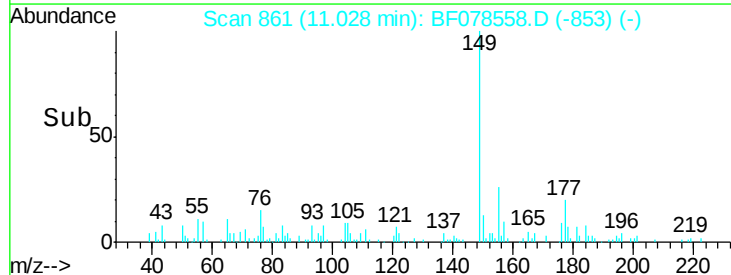
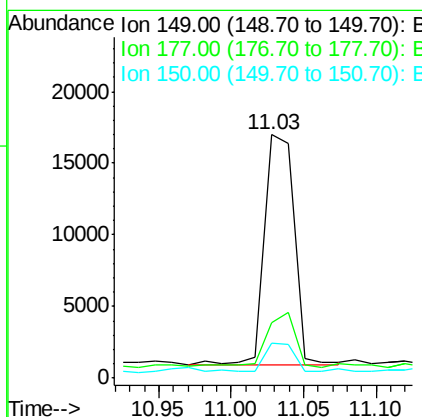
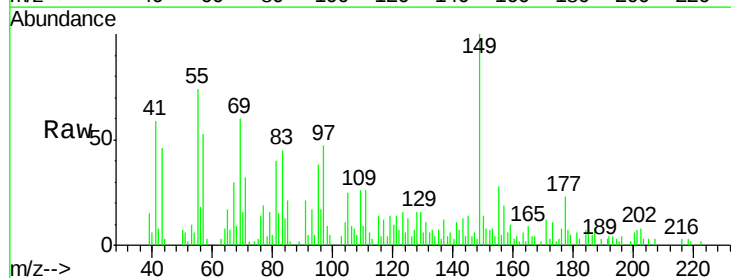
Instrument :
 BNA_F
 ClientSampleId :
 LS-SB11A(6-12)MS

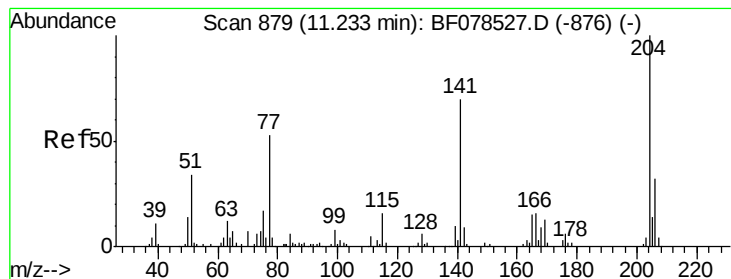
Tgt Ion: 232 Resp: 4404
 Ion Ratio Lower Upper
 232 100
 131 184.5 37.8 56.8#
 130 0.0 1.5 2.3#
 166 0.0 25.8 38.6#



#59
 Diethylphthalate
 Concen: 4.49 ng
 RT: 11.03 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: BF078558.D
 Acq: 16 Apr 2015 2:09

Tgt Ion: 149 Resp: 22975
 Ion Ratio Lower Upper
 149 100
 177 22.9 17.4 26.2
 150 14.1 9.4 14.2





#60

4-Chlorophenyl-phenylether

Concen: 4.61 ng

RT: 11.15 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

Instrument :

BNA_F

ClientSampleId :

LS-SB11A(6-12)MS

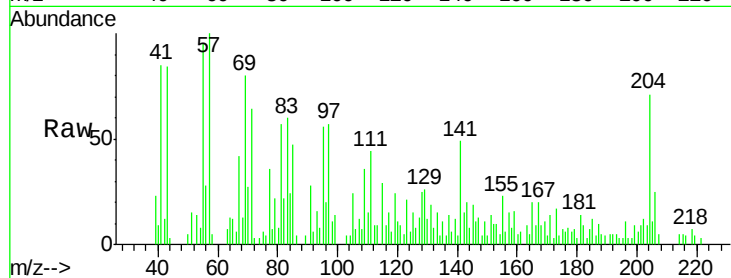
Tgt Ion: 204 Resp: 10864

Ion Ratio Lower Upper

204 100

206 34.5 25.6 38.4

141 69.5 35.4 53.0#

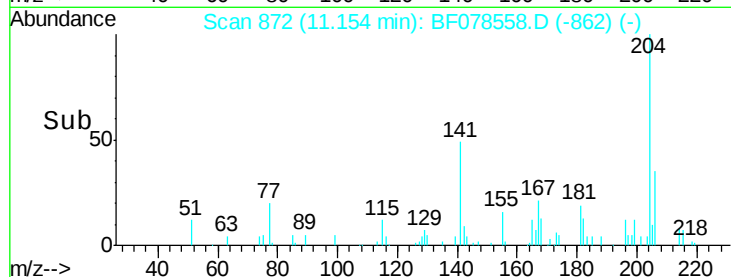


Abundance Ion 204.00 (203.70 to 204.70): E

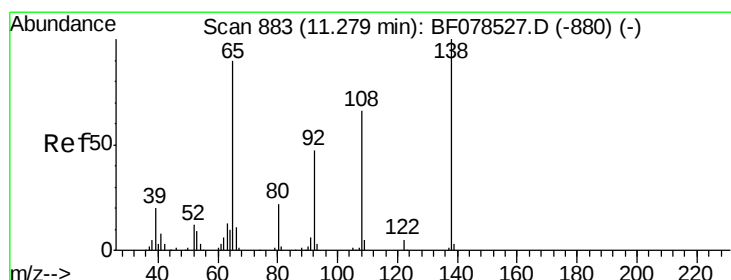
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->



Time-->



#61

4-Nitroaniline

Concen: 4.70 ng

RT: 11.18 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

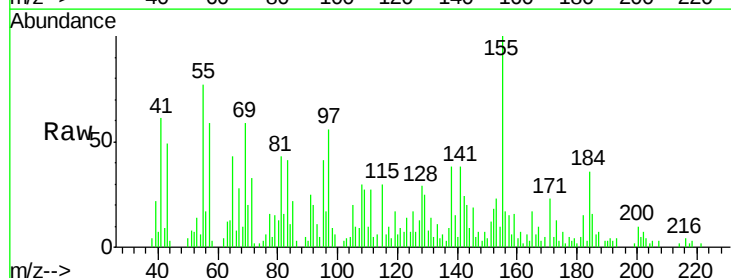
Tgt Ion: 138 Resp: 5899

Ion Ratio Lower Upper

138 100

92 53.0 27.3 67.3

108 78.3 47.2 87.2

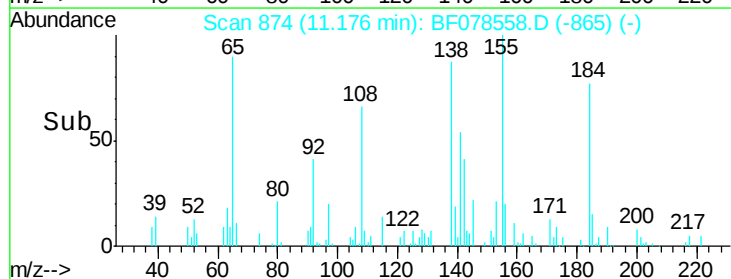


Abundance Ion 138.00 (137.70 to 138.70): E

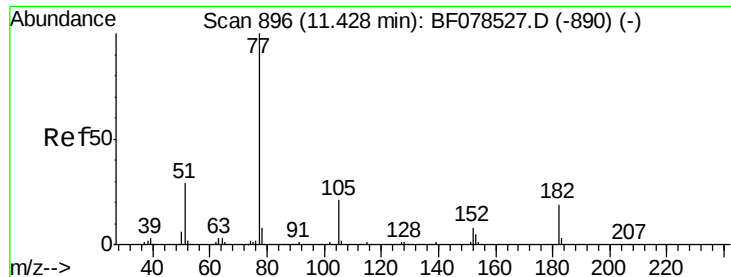
Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E

Time-->



Time-->



#62

Azobenzene

Concen: 4.92 ng

RT: 11.34 min Scan# 888

Delta R.T. 0.00 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

Instrument :

BNA_F

ClientSampleId :

LS-SB11A(6-12)MS

Tgt Ion: 77 Resp: 22962

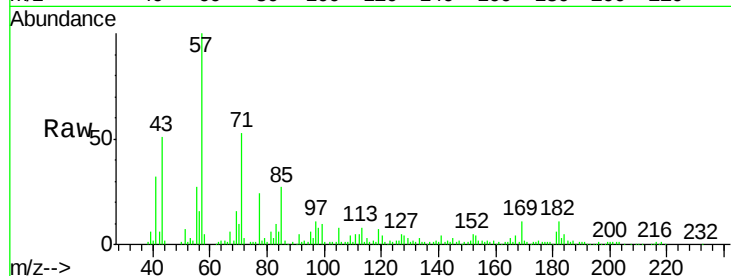
Ion Ratio Lower Upper

77 100

182 48.3 0.0 36.8#

105 35.3 0.3 40.3

51 30.2 9.1 49.1

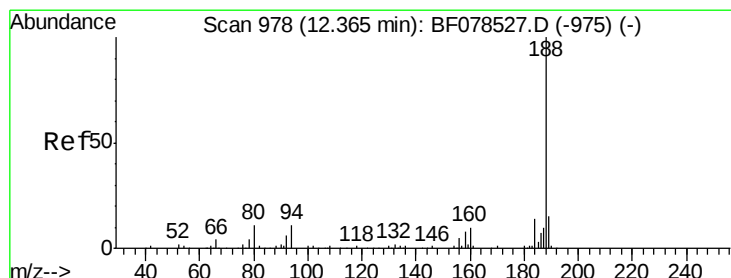
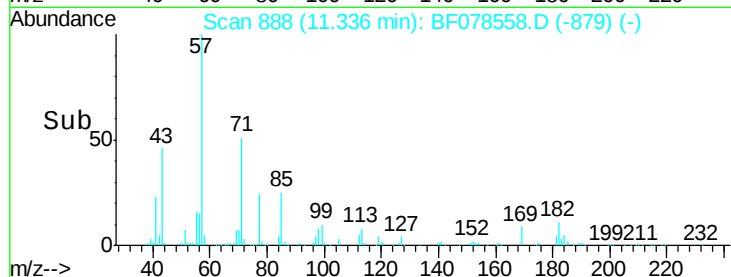
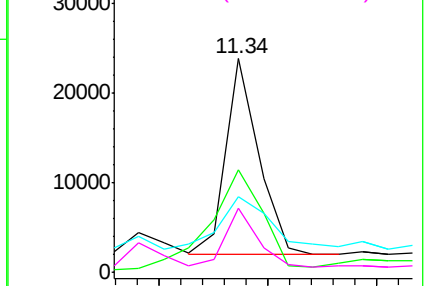


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 12.27 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

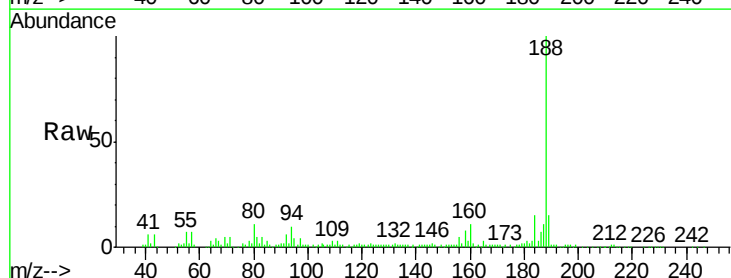
Tgt Ion: 188 Resp: 133316

Ion Ratio Lower Upper

188 100

94 9.8 9.0 13.4

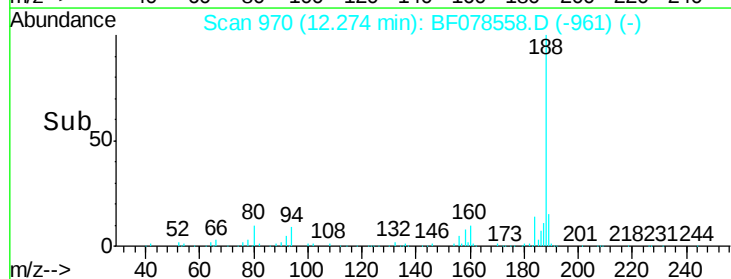
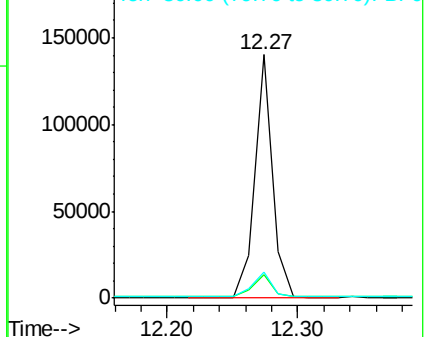
80 10.5 9.5 14.3

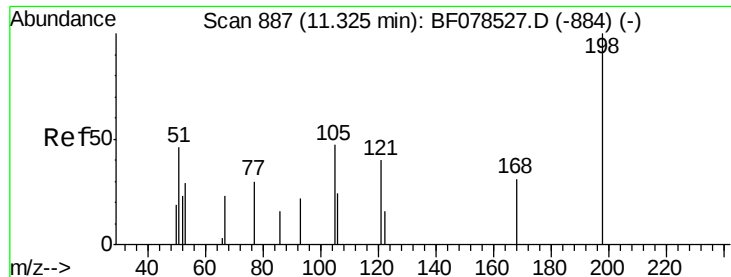


Abundance Ion 188.00 (187.70 to 188.70): E

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: 8.89 ng

RT: 11.23 min Scan# 879

Delta R.T. 0.01 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

Instrument :

BNA_F

ClientSampleId :

LS-SB11A(6-12)MS

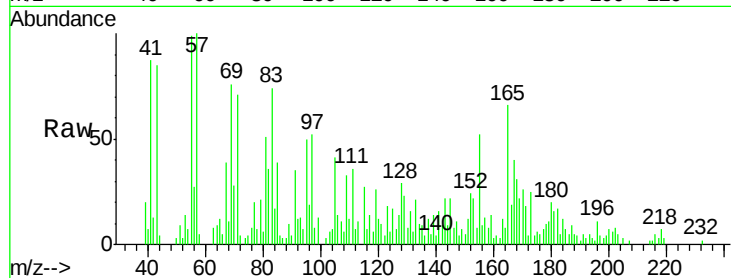
Tgt Ion:198 Resp: 262

Ion Ratio Lower Upper

198 100

51 320.2 48.6 88.6#

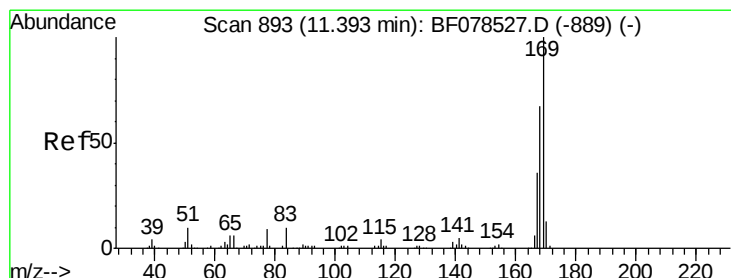
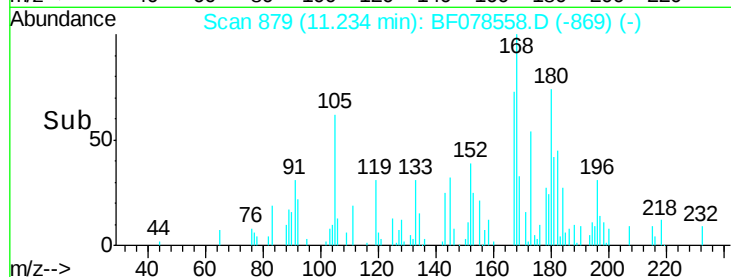
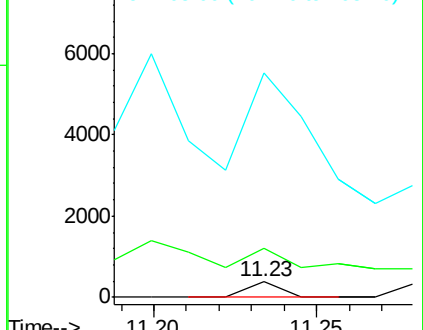
105 1443.5 45.8 85.8#



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: 11.22 ng

RT: 11.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

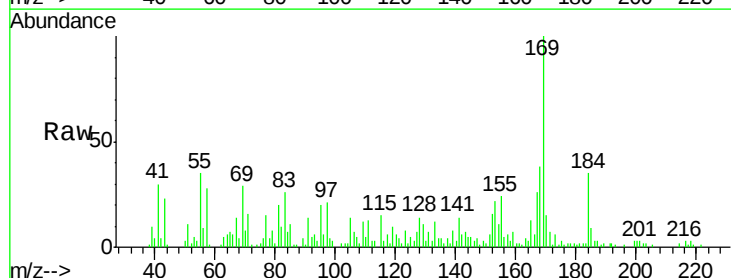
Tgt Ion:169 Resp: 51747

Ion Ratio Lower Upper

169 100

168 37.6 55.0 82.4#

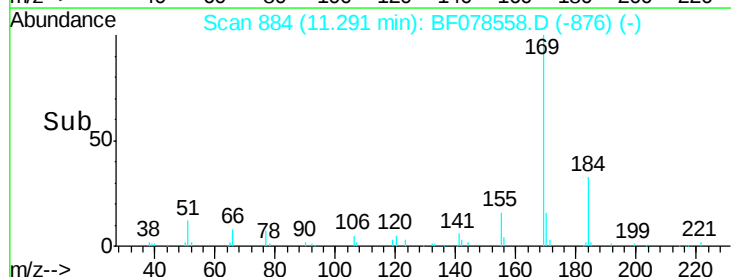
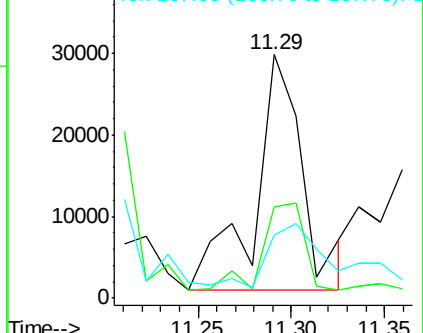
167 26.1 29.3 43.9#

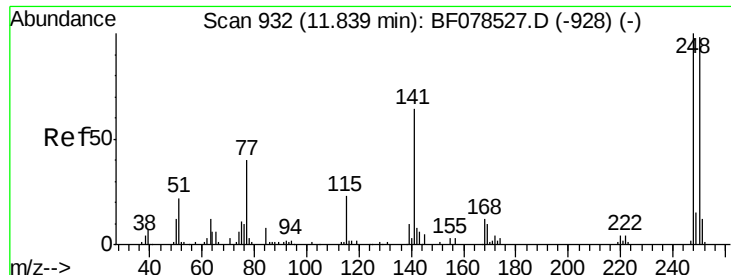


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

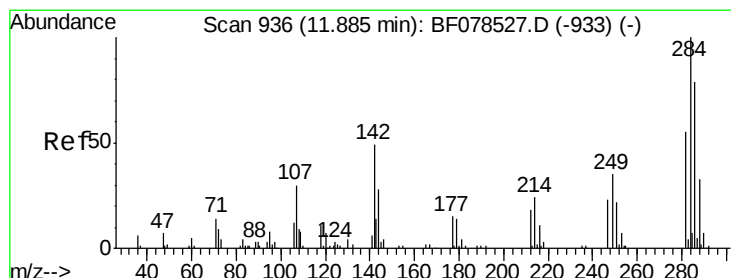
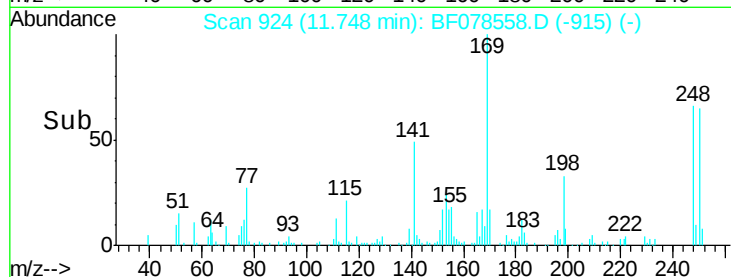
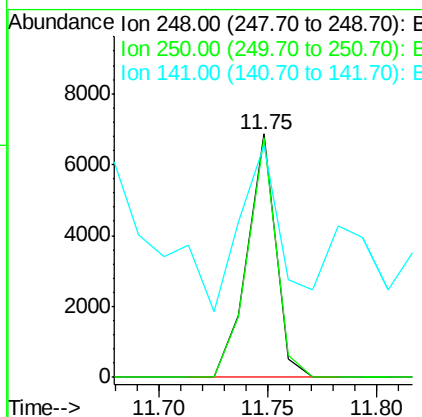
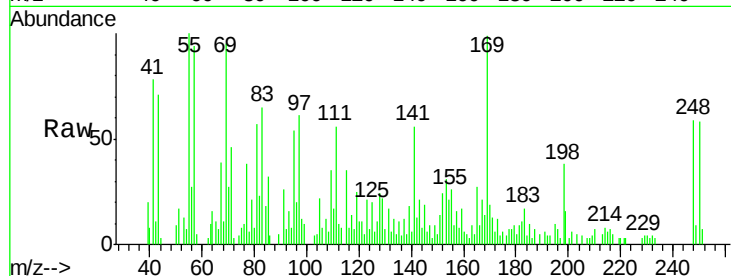




#66
4-Bromophenyl-phenylether
Concen: 4.43 ng
RT: 11.75 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF078558.D
Acq: 16 Apr 2015 2:09

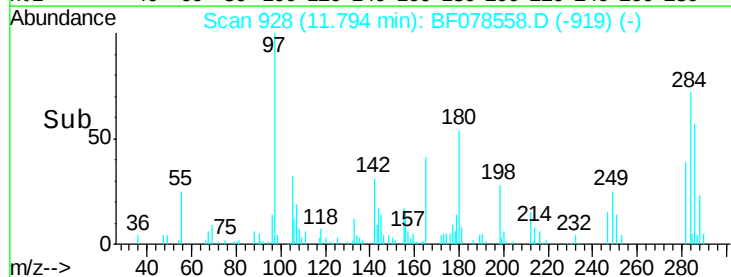
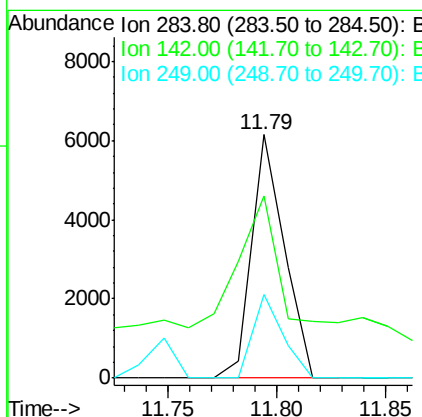
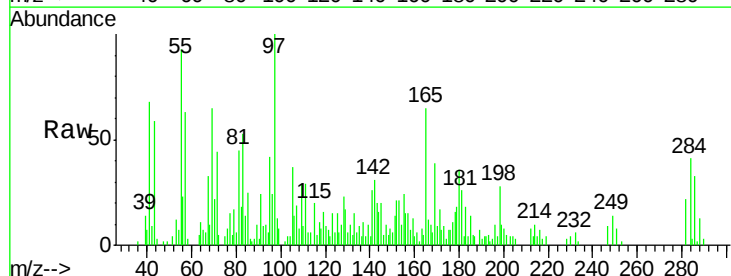
Instrument :
BNA_F
ClientSampleId :
LS-SB11A(6-12)MS

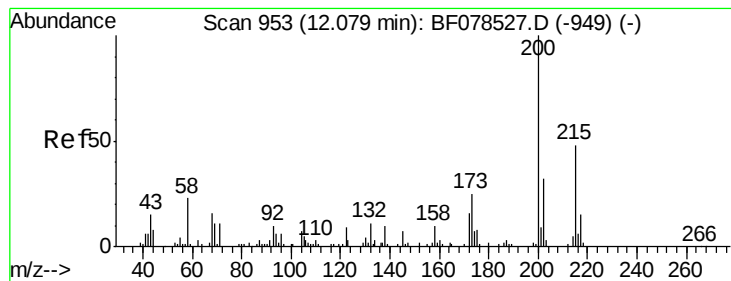
Tgt Ion:248 Resp: 6250
Ion Ratio Lower Upper
248 100
250 98.7 78.2 117.2
141 95.4 66.4 99.6



#67
Hexachlorobenzene
Concen: 4.15 ng
RT: 11.79 min Scan# 928
Delta R.T. 0.00 min
Lab File: BF078558.D
Acq: 16 Apr 2015 2:09

Tgt Ion:284 Resp: 6426
Ion Ratio Lower Upper
284 100
142 75.0 24.5 36.7#
249 34.5 24.8 37.2





#68

Atrazine

Concen: 5.51 ng

RT: 11.98 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

Instrument :

BNA_F

ClientSampleId :

LS-SB11A(6-12)MS

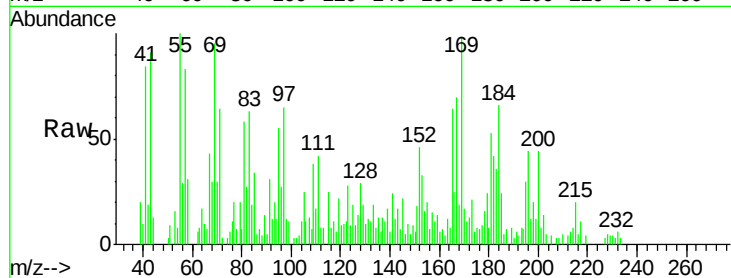
Tgt Ion:200 Resp: 7363

Ion Ratio Lower Upper

200 100

173 46.8 6.9 46.9

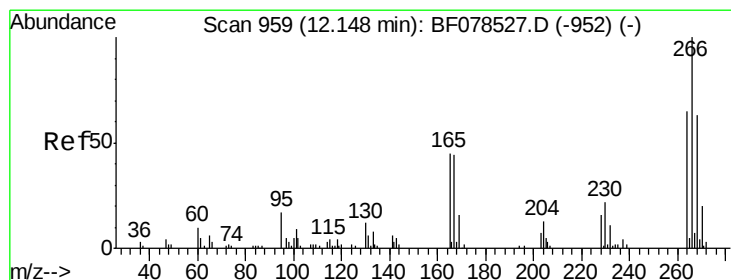
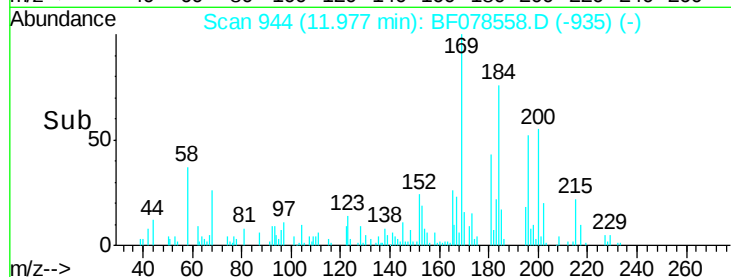
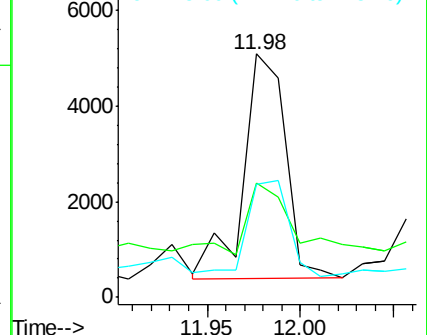
215 46.2 27.1 67.1



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: 13.06 ng

RT: 12.06 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

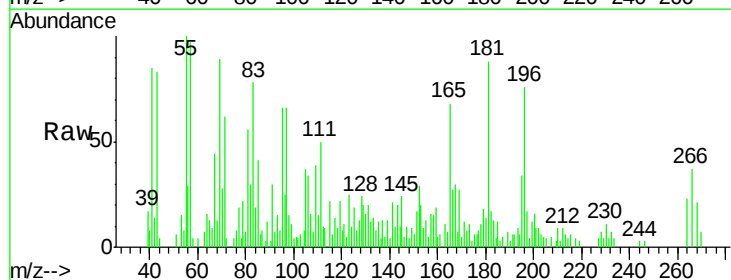
Tgt Ion:266 Resp: 4024

Ion Ratio Lower Upper

266 100

268 58.1 50.1 75.1

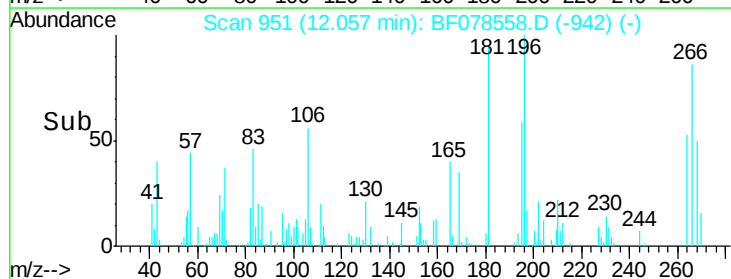
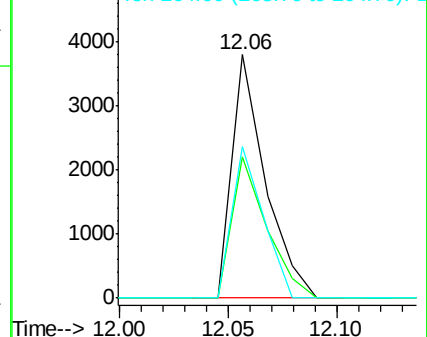
264 62.2 50.0 75.0

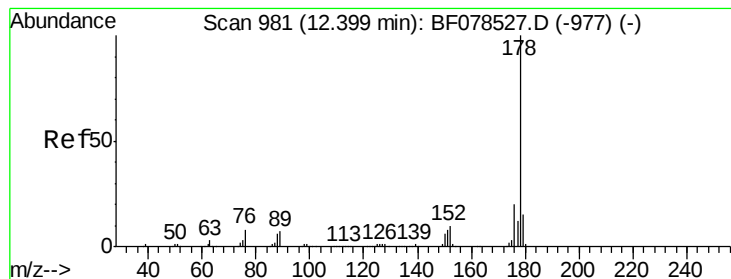


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 16.70 ng

RT: 12.31 min Scan# 973

Delta R.T. 0.01 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

Instrument :

BNA_F

ClientSampleId :

LS-SB11A(6-12)MS

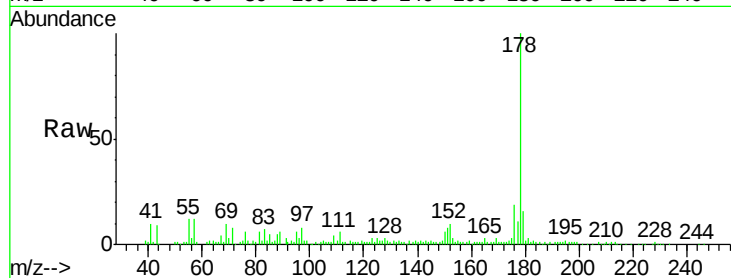
Tgt Ion:178 Resp: 128746

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

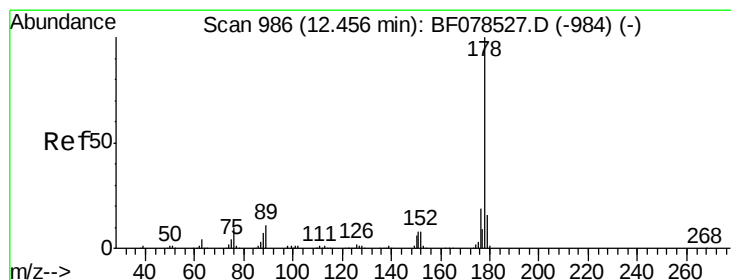
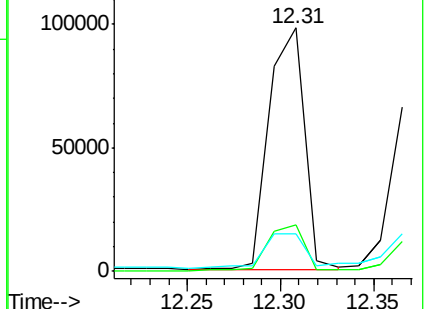
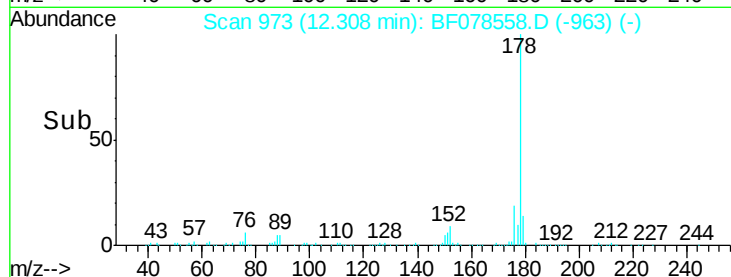
179 15.6 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 16.25 ng

RT: 12.31 min Scan# 973

Delta R.T. -0.06 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

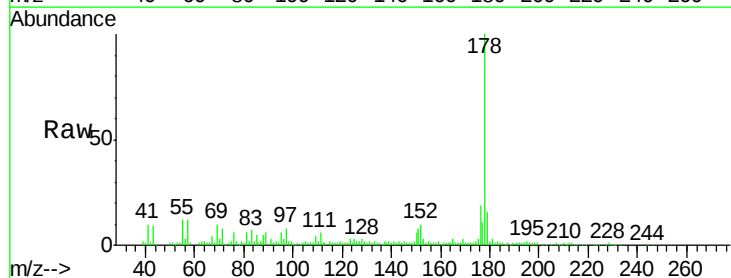
Tgt Ion:178 Resp: 123457

Ion Ratio Lower Upper

178 100

176 19.0 14.8 22.2

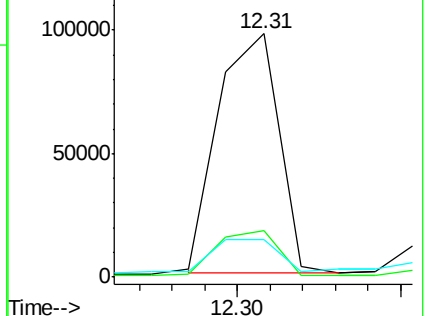
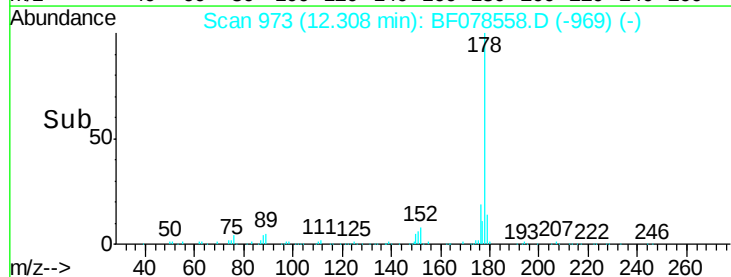
179 15.6 12.4 18.6

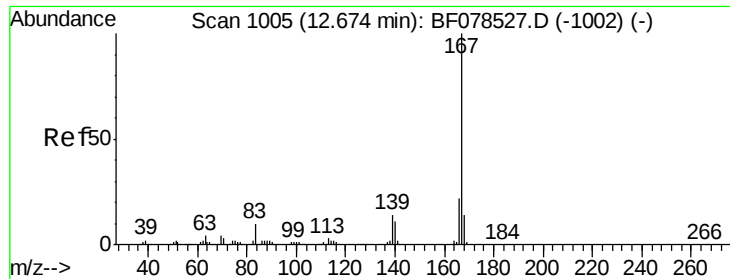


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 5.12 ng

RT: 12.58 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

Instrument :

BNA_F

ClientSampleId :

LS-SB11A(6-12)MS

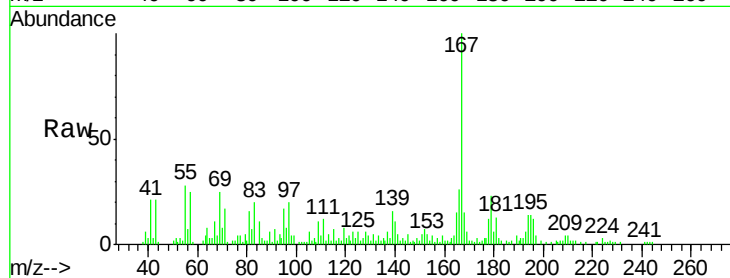
Tgt Ion:167 Resp: 36493

Ion Ratio Lower Upper

167 100

166 25.8 16.8 25.2#

139 16.2 10.0 15.0#



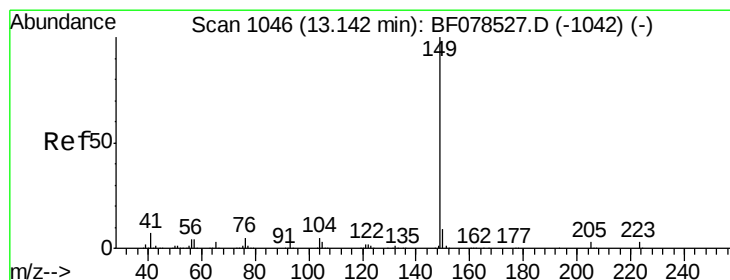
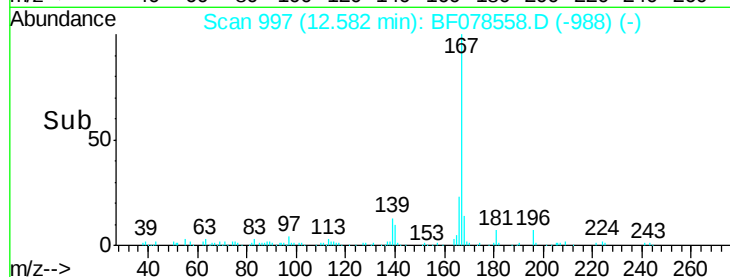
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

12.58

Time-->



#73

Di-n-butylphthalate

Concen: 4.74 ng

RT: 13.05 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF078558.D

Acq: 16 Apr 2015 2:09

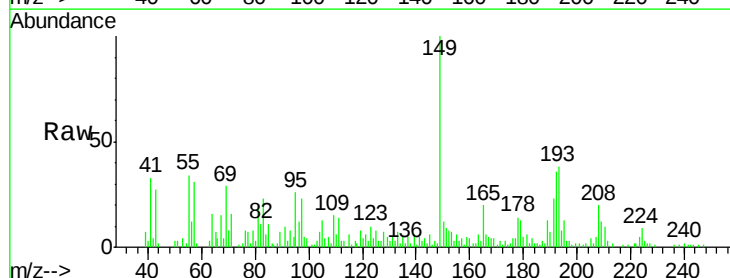
Tgt Ion:149 Resp: 38236

Ion Ratio Lower Upper

149 100

150 11.9 7.1 10.7#

104 7.1 3.8 5.6#



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

13.05

Time-->

