

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052915\
 Data File : BF079561.D
 Acq On : 29 May 2015 15:35
 Operator : TP/IZ
 Sample : PB83625BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83625BS

Quant Time: May 29 23:36:02 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 23:13:06 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	85413	20.00	ng	0.00
21) Naphthalene-d8	8.52	136	351293	20.00	ng	-0.01
38) Acenaphthene-d10	10.70	164	171979	20.00	ng	0.00
63) Phenanthrene-d10	12.53	188	318913	20.00	ng	0.00
75) Chrysene-d12	15.89	240	296125	20.00	ng	0.01
86) Perylene-d12	17.83	264	304432	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	573637	116.49	ng	0.00
7) Phenol-d6	6.55	99	699675	111.47	ng	0.00
23) Nitrobenzene-d5	7.66	82	415753	68.41	ng	0.00
41) 2,4,6-Tribromophenol	11.68	330	218133	115.48	ng	0.00
44) 2-Fluorobiphenyl	9.88	172	852951	70.76	ng	0.00
78) Terphenyl-d14	14.53	244	879661	69.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.79	88	70184	29.96	ng	# 100
3) Pyridine	2.43	79	161138	31.24	ng	96
4) n-Nitrosodimethylamine	2.36	42	86769	34.16	ng	98
6) Aniline	6.55	93	170174	19.10	ng	# 83
8) 2-Chlorophenol	6.68	128	208986	36.46	ng	93
9) Benzaldehyde	6.40	77	21727	4.14	ng	98
10) Phenol	6.57	94	258766	35.01	ng	93
11) bis(2-Chloroethyl)ether	6.65	93	196243	36.71	ng	92
12) 1,3-Dichlorobenzene	6.87	146	215575	33.94	ng	98
13) 1,4-Dichlorobenzene	6.97	146	220266	34.00	ng	98
14) 1,2-Dichlorobenzene	7.15	146	207374	34.46	ng	99
15) Benzyl Alcohol	7.15	79	169749	36.80	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.32	45	270252	34.54	ng	91
17) 2-Methylphenol	7.31	107	168375	37.38	ng	99
18) Hexachloroethane	7.56	117	74198	33.27	ng	96
19) n-Nitroso-di-n-propylamine	7.48	70	147176	33.33	ng	# 93
20) 3+4-Methylphenols	7.51	107	220540	35.63	ng	93
22) Acetophenone	7.47	105	290730	36.94	ng	# 93
24) Nitrobenzene	7.68	77	210816	35.20	ng	# 85
25) Isophorone	7.98	82	372504	33.63	ng	94
26) 2-Nitrophenol	8.07	139	104048	36.69	ng	# 85
27) 2,4-Dimethylphenol	8.16	122	187134	36.71	ng	96
28) bis(2-Chloroethoxy)methane	8.26	93	243050	35.40	ng	97
29) 2,4-Dichlorophenol	8.38	162	187245	40.10	ng	95
30) 1,2,4-Trichlorobenzene	8.47	180	177872	36.72	ng	95
31) Naphthalene	8.56	128	595802	35.34	ng	99
32) Benzoic acid	8.31	122	123423	39.02	ng	88
33) 4-Chloroaniline	8.65	127	135044	19.17	ng	95
34) Hexachlorobutadiene	8.71	225	95224	34.56	ng	98
35) Caprolactam	9.08	113	53862	36.58	ng	97
36) 4-Chloro-3-methylphenol	9.27	107	184053	38.00	ng	92
37) 2-Methylnaphthalene	9.42	142	425864	36.38	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.62	216	172271	35.81	ng	# 100
40) Hexachlorocyclopentadiene	9.61	237	95730	69.21	ng	96

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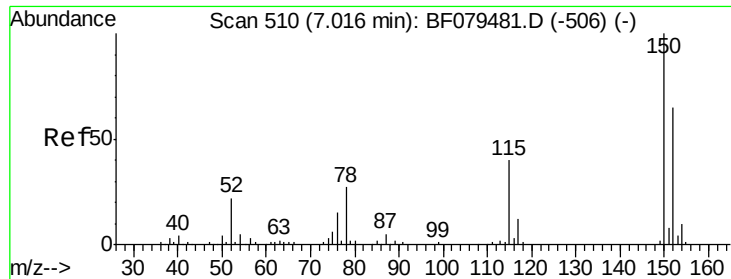
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.78	196	117280	34.92	ng	97
43) 2,4,5-Trichlorophenol	9.83	196	131689	39.39	ng	# 86
45) 1,1'-Biphenyl	10.00	154	487753	36.31	ng	98
46) 2-Chloronaphthalene	10.01	162	380343	35.85	ng	98
47) 2-Nitroaniline	10.16	65	111492	35.35	ng	# 60
48) Acenaphthylene	10.52	152	617986	35.09	ng	99
49) Dimethylphthalate	10.40	163	449292	35.46	ng	99
50) 2,6-Dinitrotoluene	10.47	165	94134	37.18	ng	# 68
51) Acenaphthene	10.73	154	355354	35.29	ng	98
52) 3-Nitroaniline	10.67	138	77207	23.45	ng	80
53) 2,4-Dinitrophenol	10.82	184	62932	65.48	ng	# 82
54) Dibenzofuran	10.95	168	546823	36.82	ng	98
55) 4-Nitrophenol	10.95	139	351730	192.61	ng	# 15
56) 2,4-Dinitrotoluene	10.97	165	128926	37.97	ng	# 79
57) Fluorene	11.37	166	432486	35.33	ng	98
58) 2,3,4,6-Tetrachlorophenol	11.12	232	96011	39.46	ng	# 100
59) Diethylphthalate	11.27	149	430601	34.71	ng	96
60) 4-Chlorophenyl-phenylether	11.39	204	194504	36.77	ng	# 80
61) 4-Nitroaniline	11.43	138	104305	34.00	ng	81
62) Azobenzene	11.59	77	465950	38.62	ng	87
64) 4,6-Dinitro-2-methylphenol	11.47	198	52830	34.99	ng	80
65) n-Nitrosodiphenylamine	11.54	169	386857	36.52	ng	100
66) 4-Bromophenyl-phenylether	11.99	248	123343	37.56	ng	93
67) Hexachlorobenzene	12.05	284	136017	36.33	ng	# 90
68) Atrazine	12.22	200	109940	38.42	ng	98
69) Pentachlorophenol	12.31	266	114715	79.98	ng	97
70) Phenanthrene	12.56	178	625235	35.74	ng	99
71) Anthracene	12.63	178	644275	36.27	ng	99
72) Carbazole	12.83	167	584318	34.17	ng	98
73) Di-n-butylphthalate	13.29	149	691135	35.73	ng	100
74) Fluoranthene	14.03	202	642091	34.22	ng	99
76) Benzidine	14.22	184	280129	44.17	ng	99
77) Pyrene	14.31	202	673749	36.72	ng	99
79) Butylbenzylphthalate	15.18	149	298748	36.21	ng	91
80) Benzo(a)anthracene	15.87	228	598959	35.16	ng	99
81) 3,3'-Dichlorobenzidine	15.85	252	146414	23.47	ng	# 96
82) Chrysene	15.92	228	573564	35.42	ng	100
83) Bis(2-ethylhexyl)phthalate	15.97	149	420723	35.59	ng	# 98
84) Di-n-octyl phthalate	16.86	149	717972	34.90	ng	99
85) Indeno(1,2,3-cd)pyrene	19.26	276	727168	34.91	ng	98
87) Benzo(b)fluoranthene	17.33	252	681717	39.26	ng	99
88) Benzo(k)fluoranthene	17.33	252	681717	43.91	ng	98
89) Benzo(a)pyrene	17.76	252	596990	38.95	ng	98
90) Dibenzo(a,h)anthracene	19.28	278	597911	37.27	ng	99
91) Benzo(g,h,i)perylene	19.63	276	605170	38.13	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.95 min Scan# 504

Delta R.T. -0.00 min

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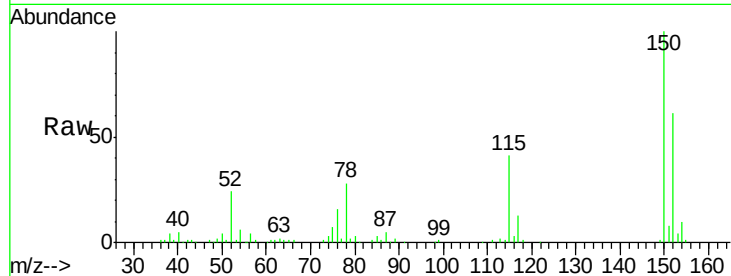
Tgt Ion:152 Resp: 85413

Ion Ratio Lower Upper

152 100

150 163.3 124.0 186.0

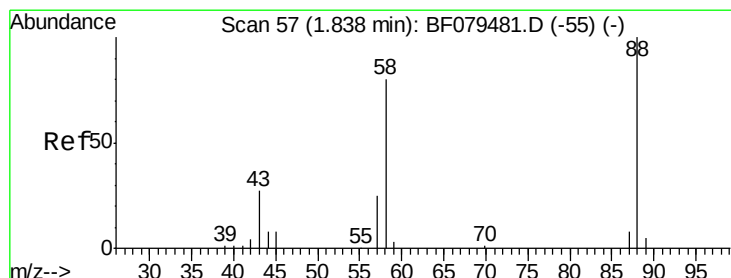
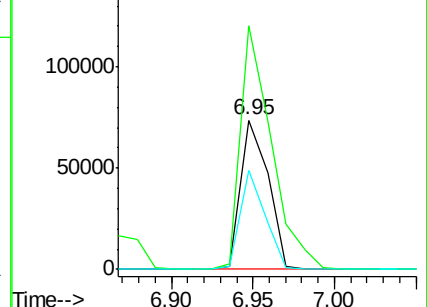
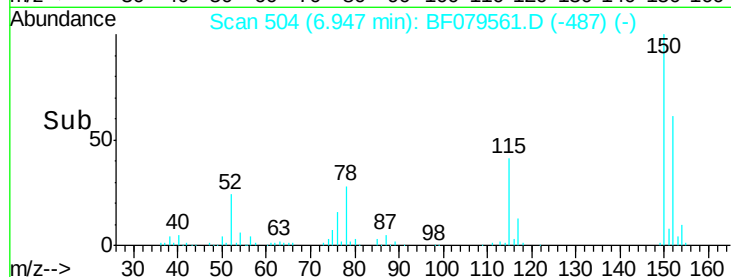
115 66.6 49.6 74.4



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: 29.96 ng

RT: 1.79 min Scan# 53

Delta R.T. 0.02 min

Lab File: BF079561.D

Acq: 29 May 2015 15:35

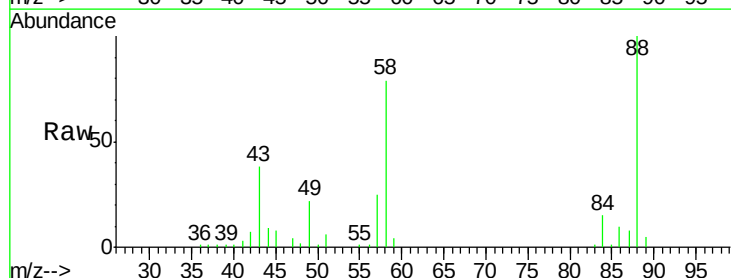
Tgt Ion: 88 Resp: 70184

Ion Ratio Lower Upper

88 100

58 74.8 0.0 0.0#

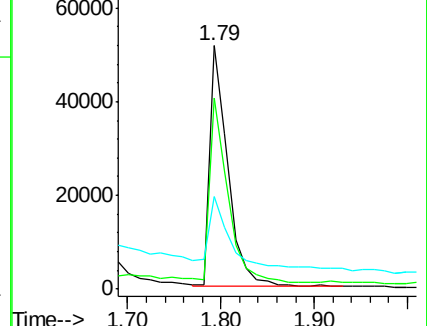
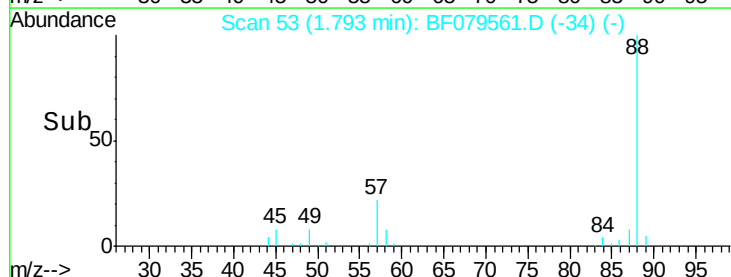
43 35.2 0.0 0.0#

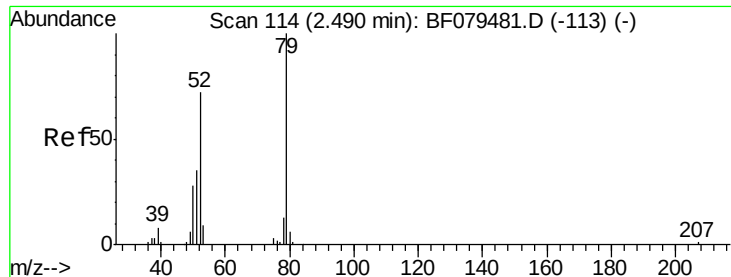


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 31.24 ng

RT: 2.43 min Scan# 109

Delta R.T. 0.03 min

Lab File: BF079561.D

Acq: 29 May 2015 15:35

Instrument :

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PB83625BS

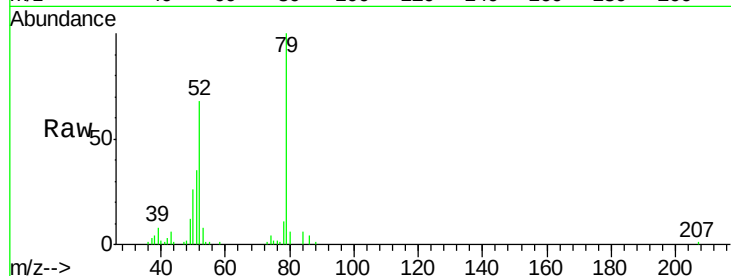
Tgt Ion: 79 Resp: 161138

Ion Ratio Lower Upper

79 100

52 68.3 57.4 86.2

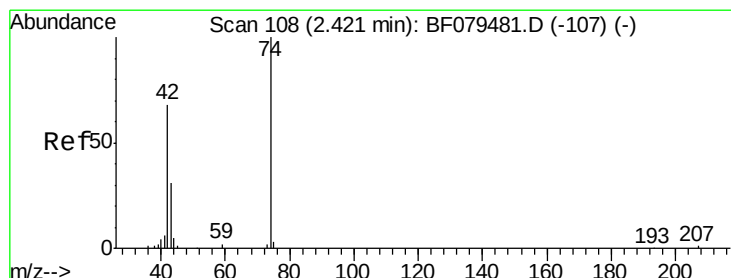
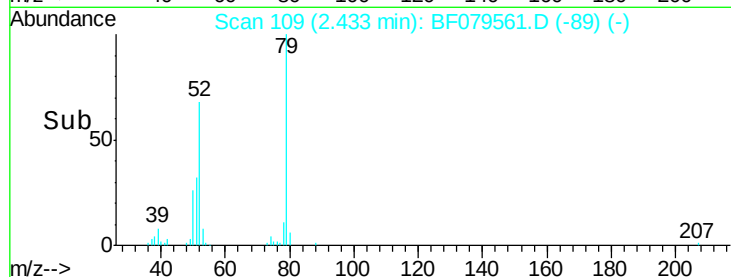
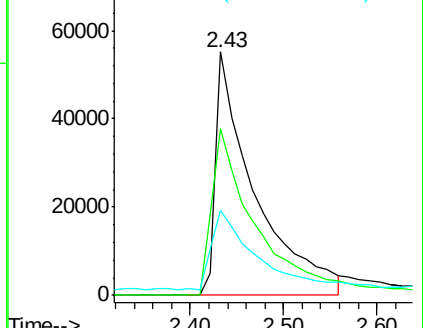
51 34.9 29.4 44.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 34.16 ng

RT: 2.36 min Scan# 103

Delta R.T. 0.03 min

Lab File: BF079561.D

Acq: 29 May 2015 15:35

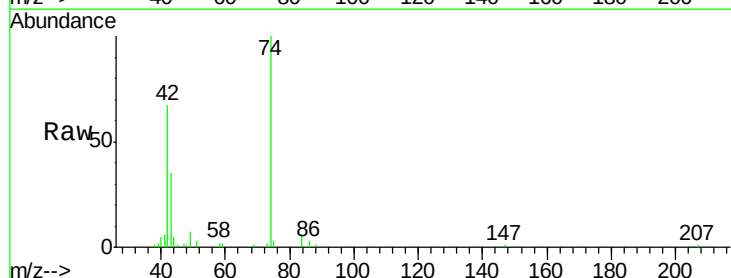
Tgt Ion: 42 Resp: 86769

Ion Ratio Lower Upper

42 100

74 150.2 117.6 176.4

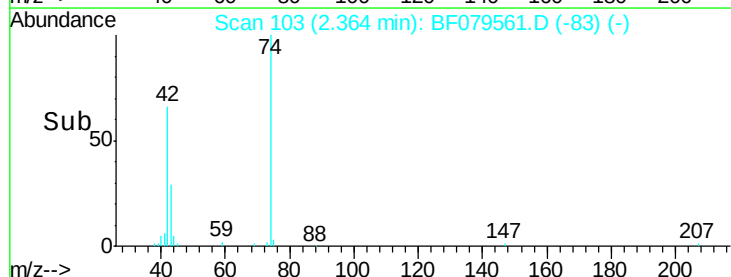
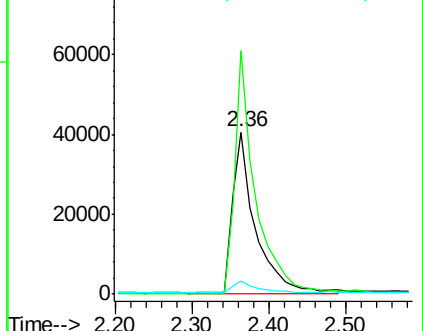
44 8.2 6.9 10.3

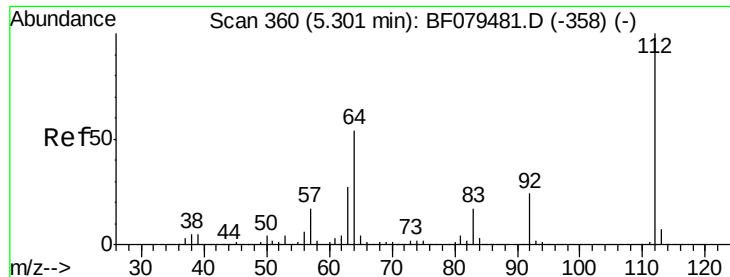


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 116.49 ng

RT: 5.23 min Scan# 354

Delta R.T. -0.00 min

Lab File: BF079561.D

Acq: 29 May 2015 15:35

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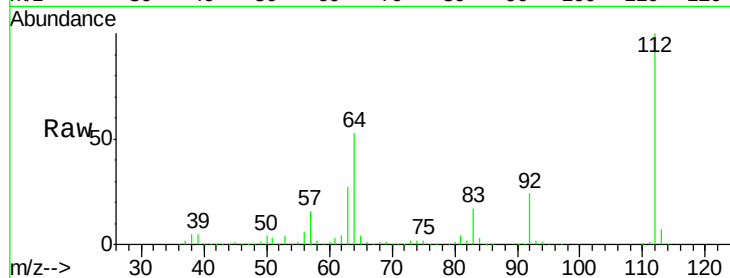
Tgt Ion: 112 Resp: 573637

Ion Ratio Lower Upper

112 100

64 52.7 43.5 65.3

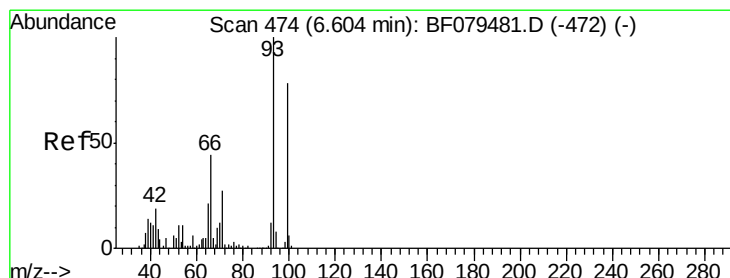
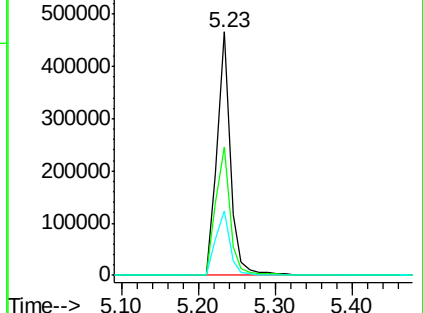
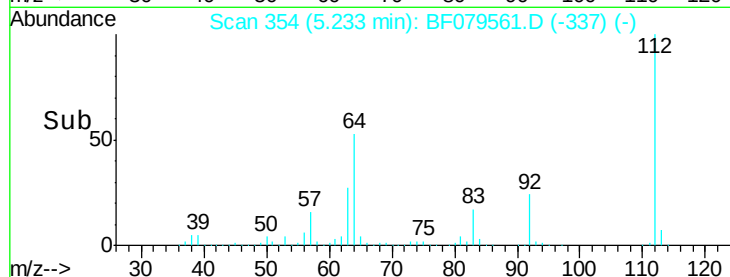
63 26.6 21.8 32.8



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: 19.10 ng

RT: 6.55 min Scan# 469

Delta R.T. -0.00 min

Lab File: BF079561.D

Acq: 29 May 2015 15:35

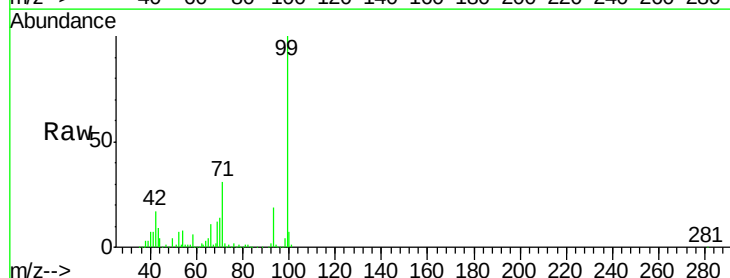
Tgt Ion: 93 Resp: 170174

Ion Ratio Lower Upper

93 100

66 58.9 34.8 52.2#

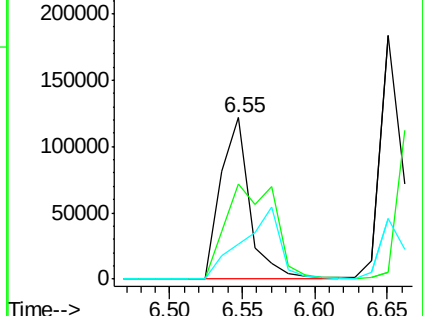
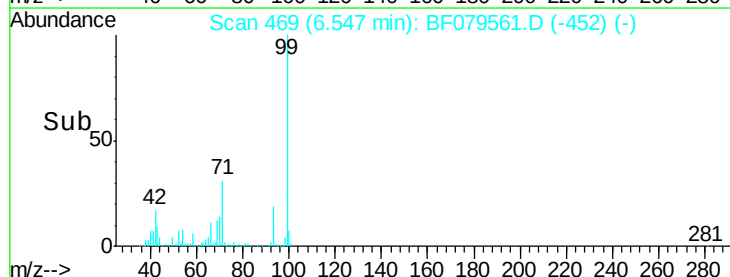
65 21.7 16.7 25.1

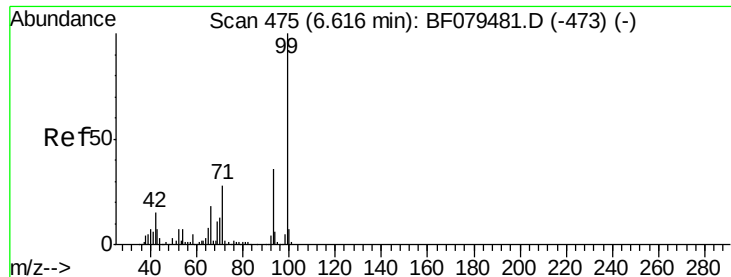


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 111.47 ng

RT: 6.55 min Scan# 469

Delta R.T. -0.00 min

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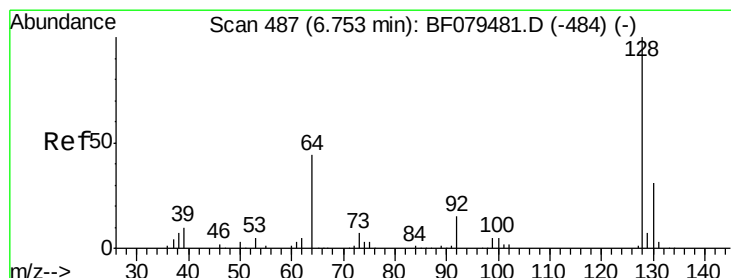
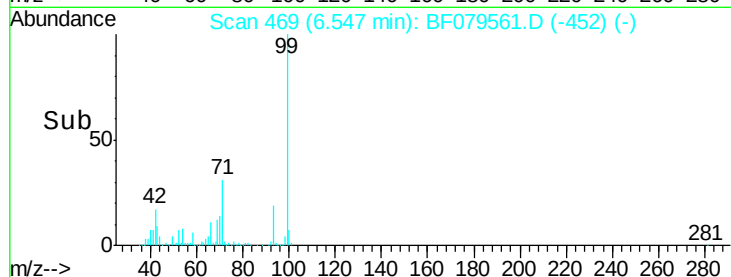
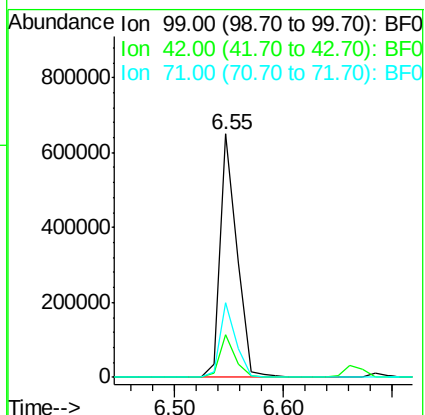
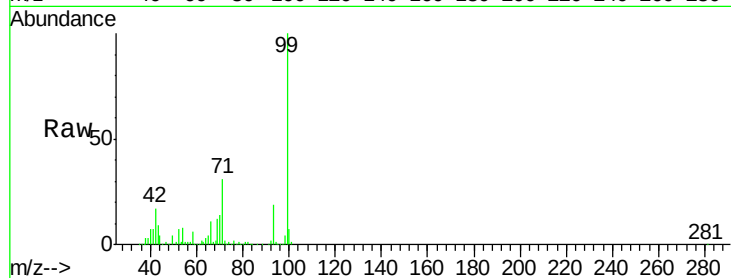
Tgt Ion: 99 Resp: 699675

Ion Ratio Lower Upper

99 100

42 17.4 11.9 17.9

71 30.9 22.1 33.1



#8

2-Chlorophenol

Concen: 36.46 ng

RT: 6.68 min Scan# 481

Delta R.T. -0.00 min

Lab File: BF079561.D

Acq: 29 May 2015 15:35

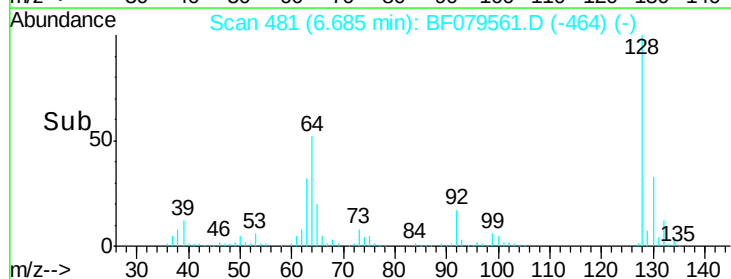
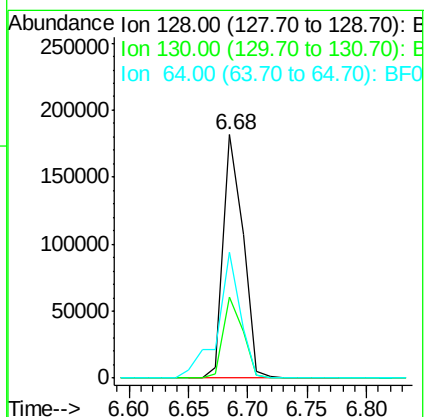
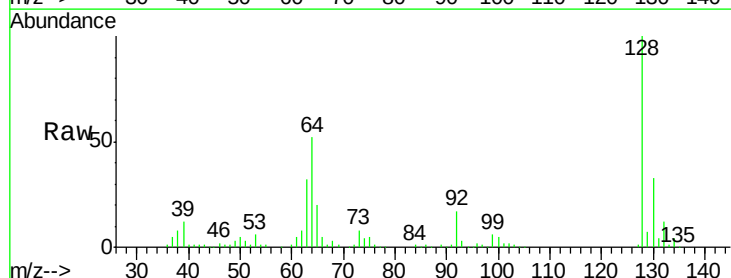
Tgt Ion: 128 Resp: 208986

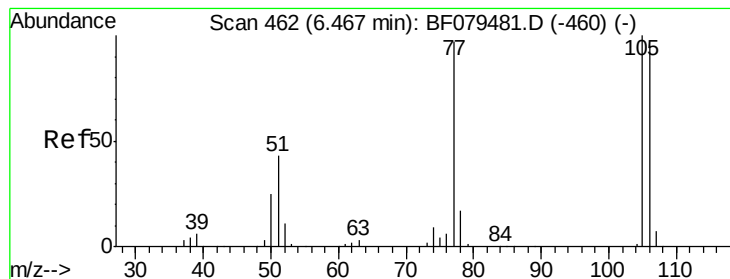
Ion Ratio Lower Upper

128 100

130 33.2 11.4 51.4

64 52.0 25.9 65.9





#9

Benzaldehyde

Concen: 4.14 ng

RT: 6.40 min Scan# 456

Delta R.T. -0.00 min

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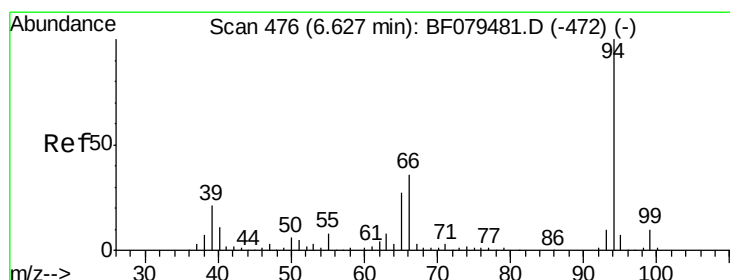
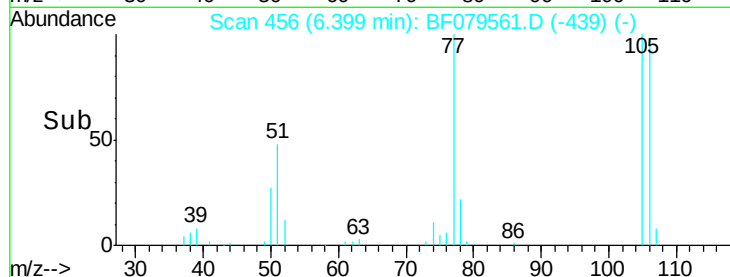
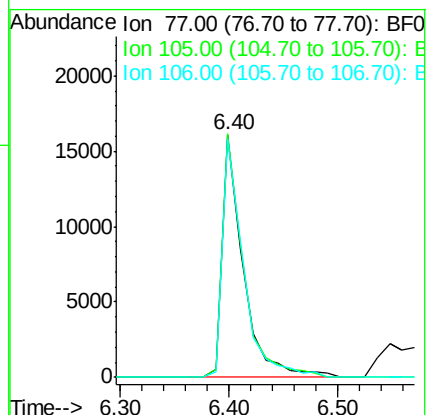
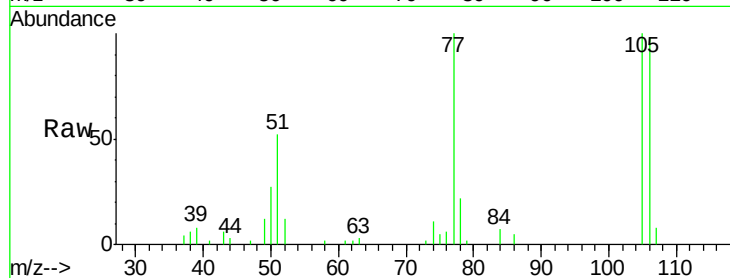
Tgt Ion: 77 Resp: 21727

Ion Ratio Lower Upper

77 100

105 100.4 83.3 123.3

106 98.5 78.4 118.4



#10

Phenol

Concen: 35.01 ng

RT: 6.57 min Scan# 471

Delta R.T. -0.00 min

Lab File: BF079561.D

Acq: 29 May 2015 15:35

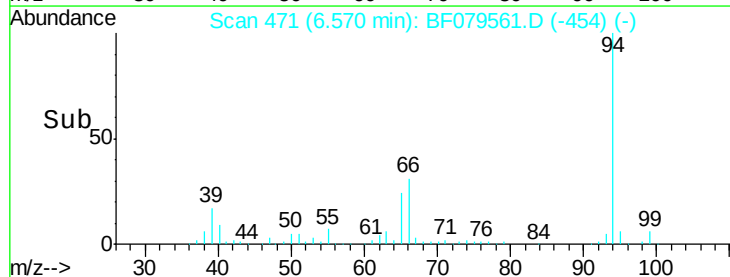
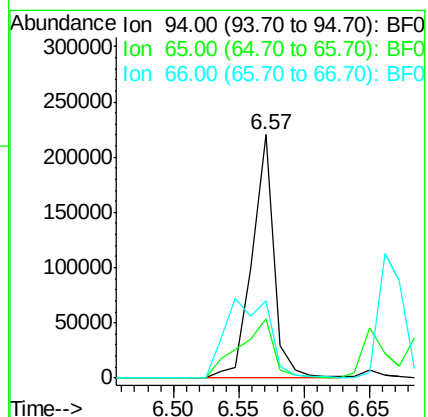
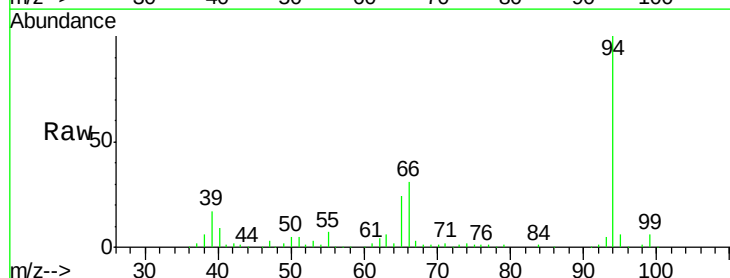
Tgt Ion: 94 Resp: 258766

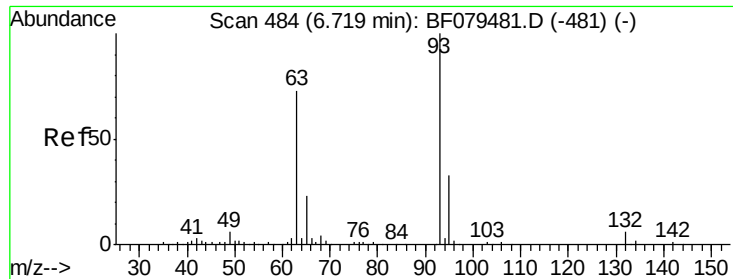
Ion Ratio Lower Upper

94 100

65 24.5 7.2 47.2

66 31.5 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 36.71 ng

RT: 6.65 min Scan# 478

Delta R.T. -0.00 min

Lab File: BF079561.D

Acq: 29 May 2015 15:35

Instrument :

BNA_F

ClientSampleId :

PB83625BS

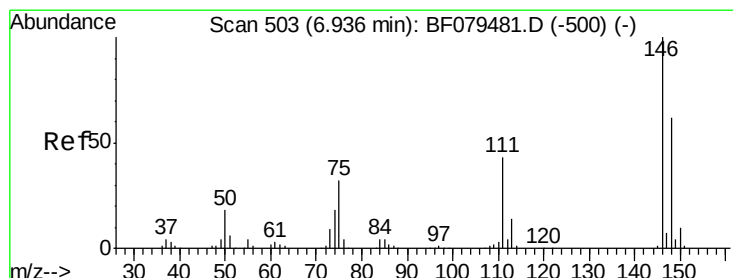
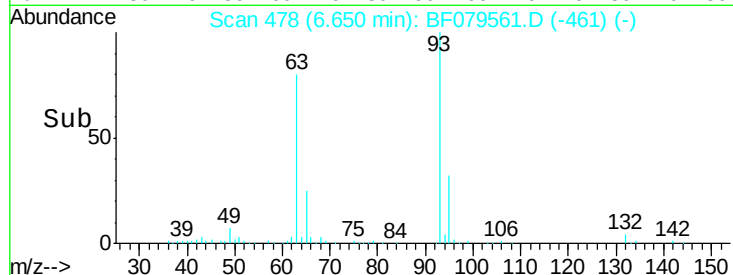
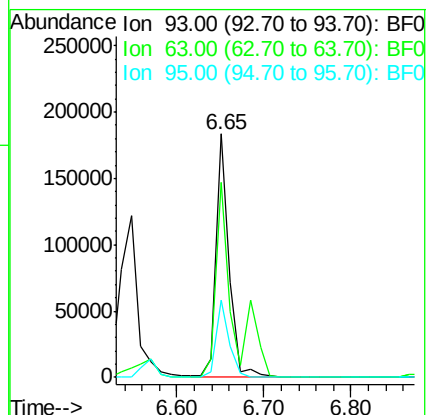
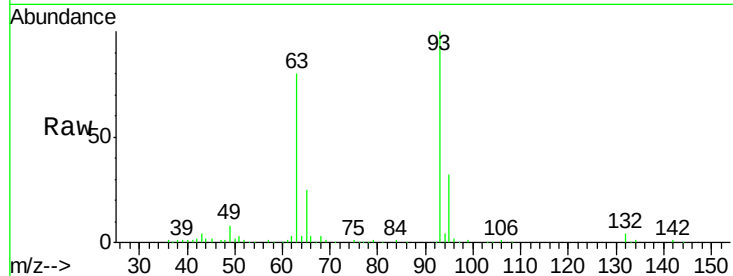
Tgt Ion: 93 Resp: 196243

Ion Ratio Lower Upper

93 100

63 80.3 51.8 91.8

95 31.9 13.0 53.0



#12

1,3-Dichlorobenzene

Concen: 33.94 ng

RT: 6.87 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF079561.D

Acq: 29 May 2015 15:35

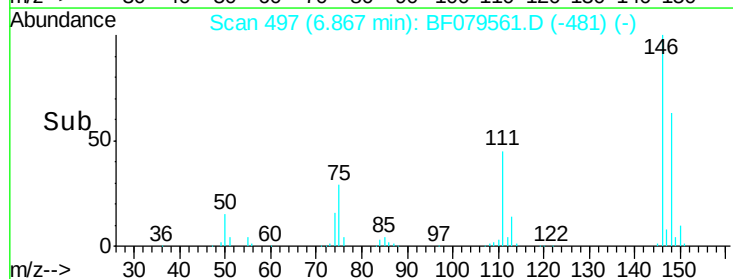
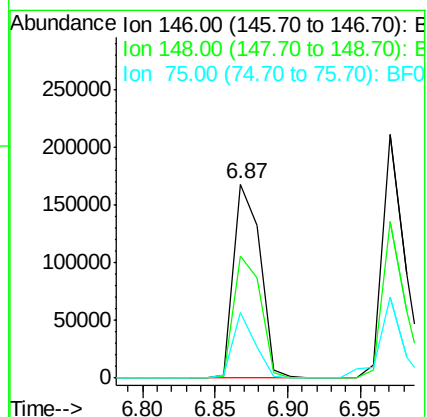
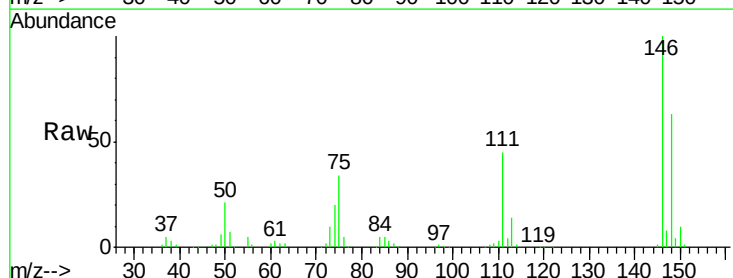
Tgt Ion: 146 Resp: 215575

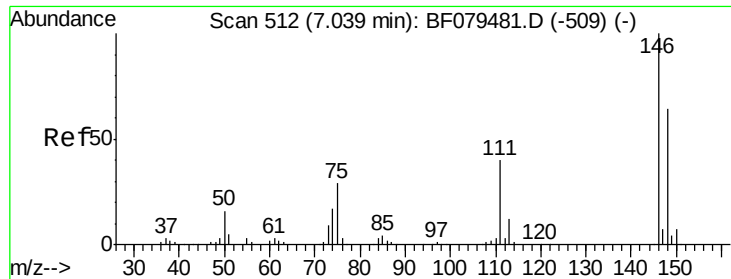
Ion Ratio Lower Upper

146 100

148 63.0 49.6 74.4

75 33.9 25.9 38.9

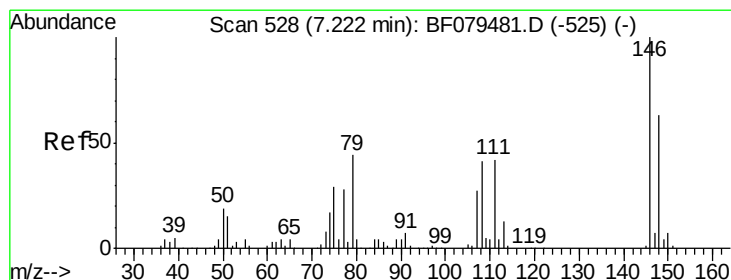
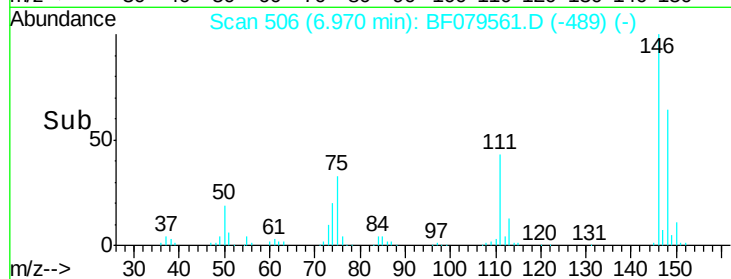
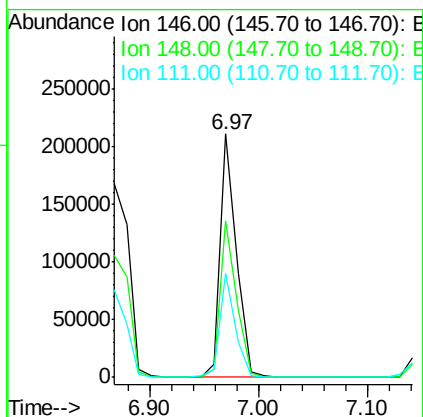
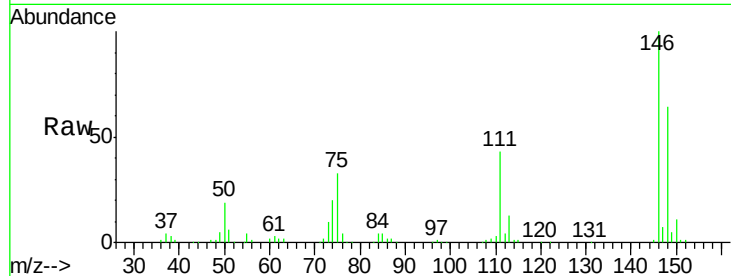




#13
 1,4-Dichlorobenzene
 Concen: 34.00 ng
 RT: 6.97 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: BF079561.D
 Acq: 29 May 2015 15:35

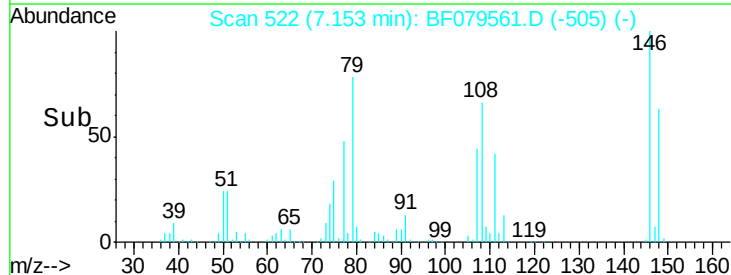
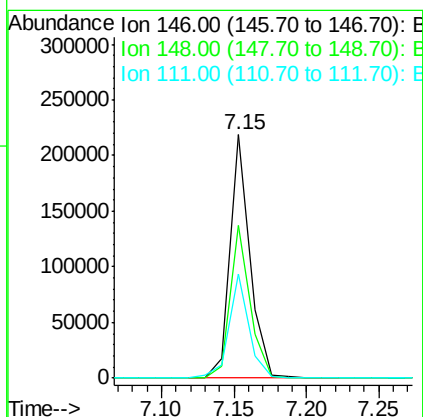
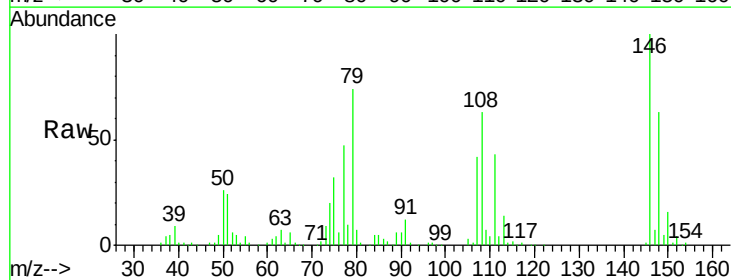
Instrument :
 BNA_F
 ClientSampleId :
 PB83625BS

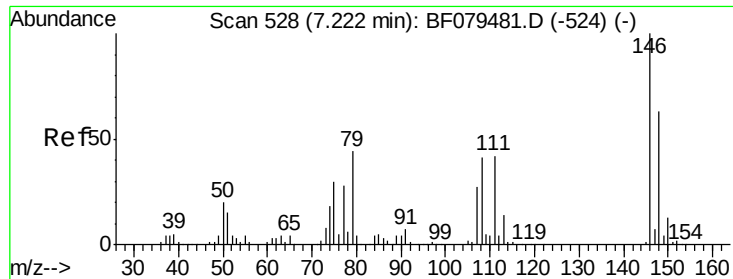
Tgt Ion:146 Resp: 220266
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.3 76.9
 111 42.9 31.8 47.8



#14
 1,2-Dichlorobenzene
 Concen: 34.46 ng
 RT: 7.15 min Scan# 522
 Delta R.T. -0.00 min
 Lab File: BF079561.D
 Acq: 29 May 2015 15:35

Tgt Ion:146 Resp: 207374
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.6 76.0
 111 42.9 33.2 49.8

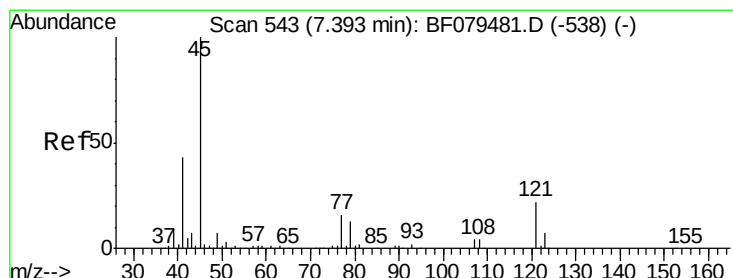
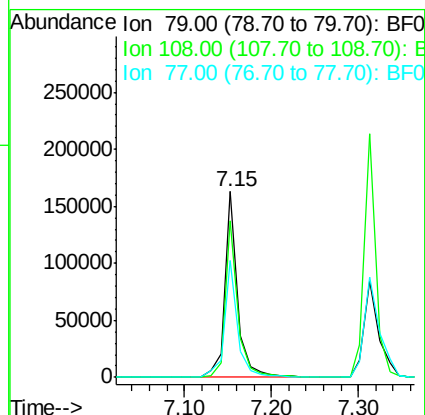
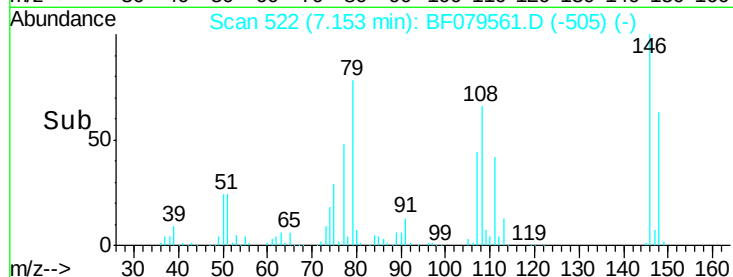
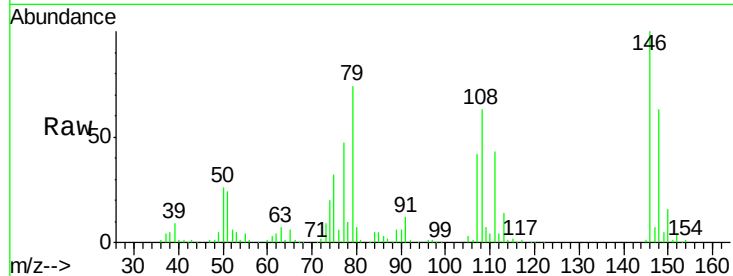




#15
Benzyl Alcohol
Concen: 36.80 ng
RT: 7.15 min Scan# 522
Delta R.T. -0.00 min
Lab File: BF079561.D
Acq: 29 May 2015 15:35

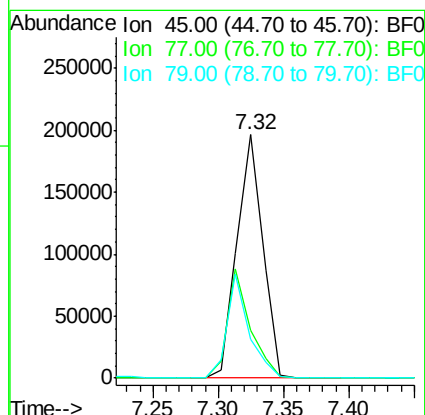
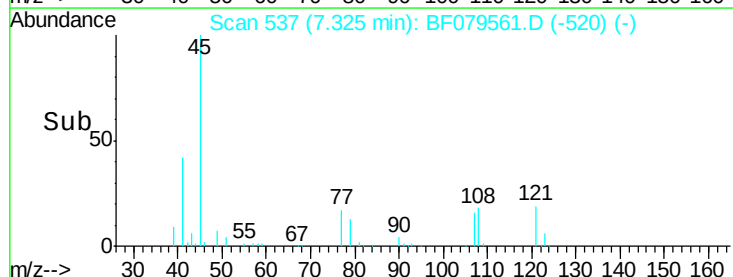
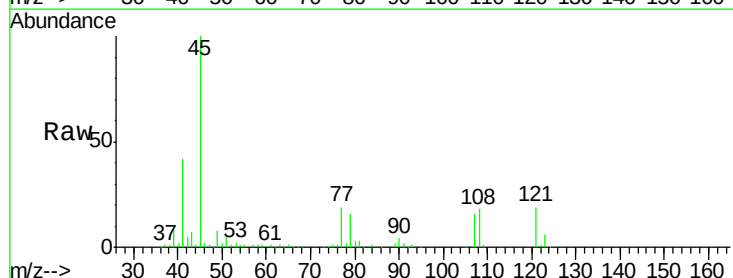
Instrument :
BNA_F
ClientSampleId :
PB83625BS

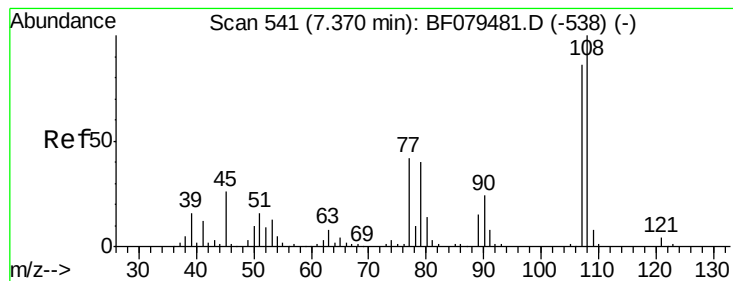
Tgt Ion: 79 Resp: 169749
Ion Ratio Lower Upper
79 100
108 84.2 73.7 110.5
77 62.7 51.1 76.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.54 ng
RT: 7.32 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF079561.D
Acq: 29 May 2015 15:35

Tgt Ion: 45 Resp: 270252
Ion Ratio Lower Upper
45 100
77 19.5 0.0 35.5
79 15.9 0.0 32.8





#17

2-Methylphenol

Concen: 37.38 ng

RT: 7.31 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF079561.D

Acq: 29 May 2015 15:35

Instrument :

BNA_F

ClientSampleId :

PB83625BS

Tgt Ion:107 Resp: 168375

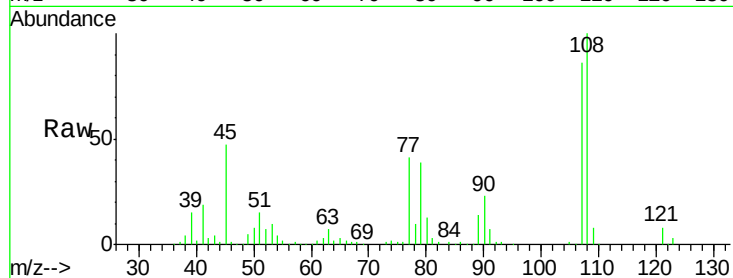
Ion Ratio Lower Upper

107 100

108 116.8 93.1 139.7

77 48.1 39.2 58.8

79 46.0 37.8 56.8

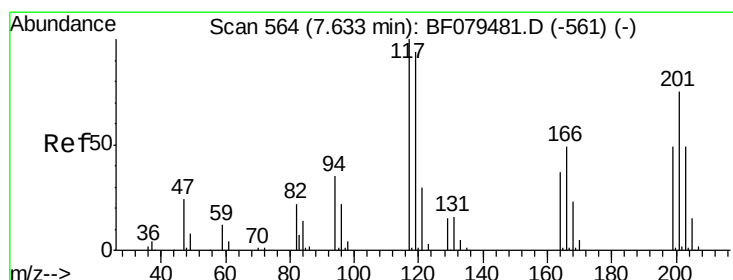
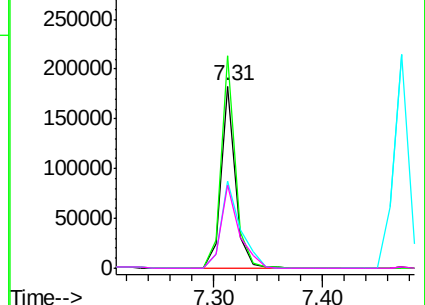
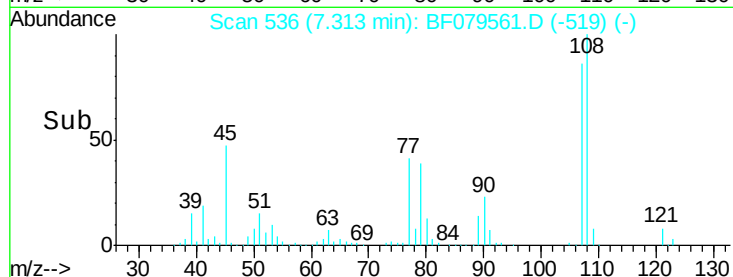


Abundance Ion 107.00 (106.70 to 107.70): E

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: 33.27 ng

RT: 7.56 min Scan# 558

Delta R.T. -0.00 min

Lab File: BF079561.D

Acq: 29 May 2015 15:35

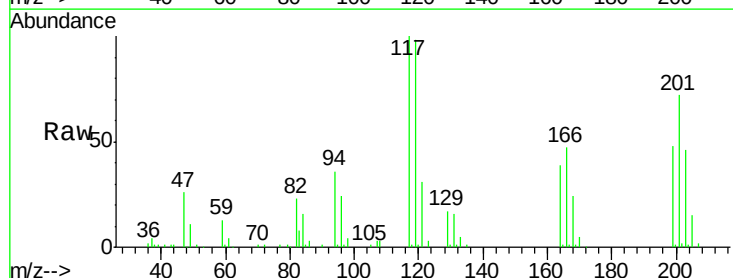
Tgt Ion:117 Resp: 74198

Ion Ratio Lower Upper

117 100

119 97.6 74.9 112.3

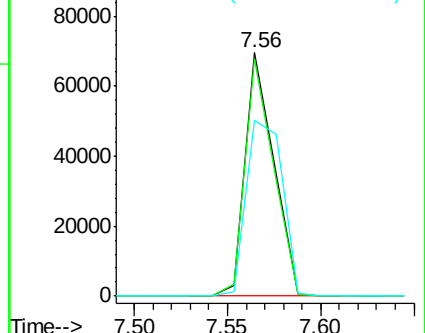
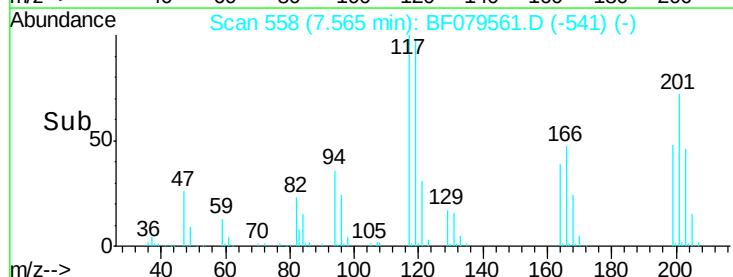
201 72.4 60.2 90.4

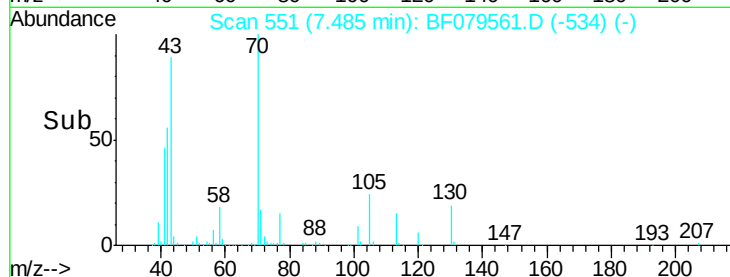
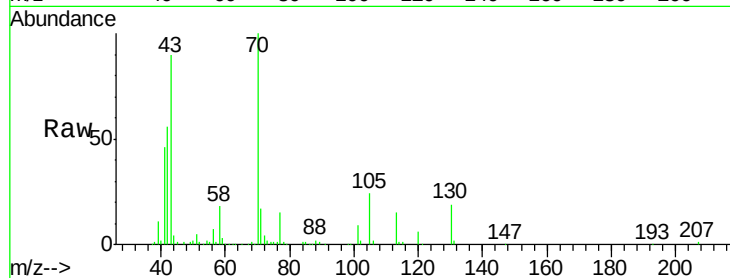
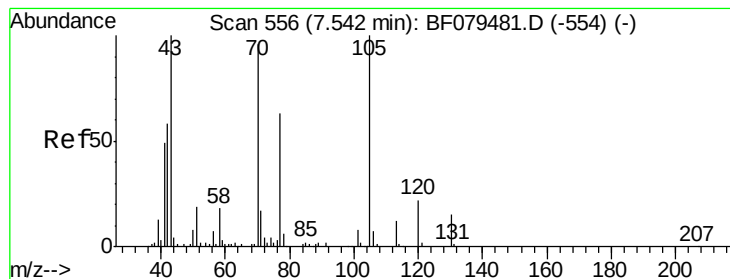


Abundance Ion 117.00 (116.70 to 117.70): E

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: 33.33 ng

RT: 7.48 min Scan# 551

Delta R.T. -0.00 min

Lab File: BF079561.D

Acq: 29 May 2015 15:35

Instrument :

BNA_F

ClientSampleId :

PB83625BS

Tgt Ion: 70 Resp: 147176

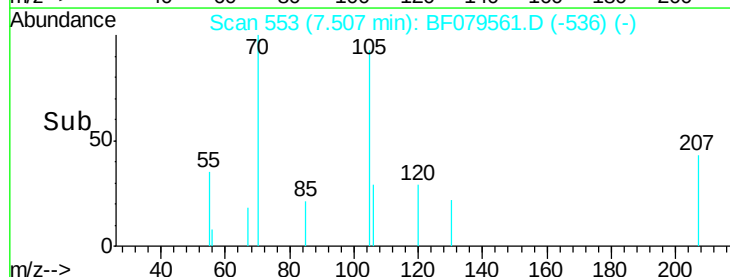
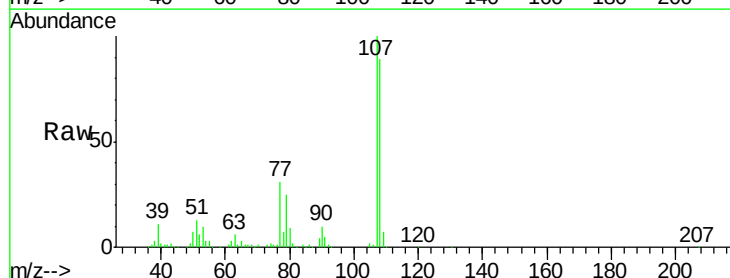
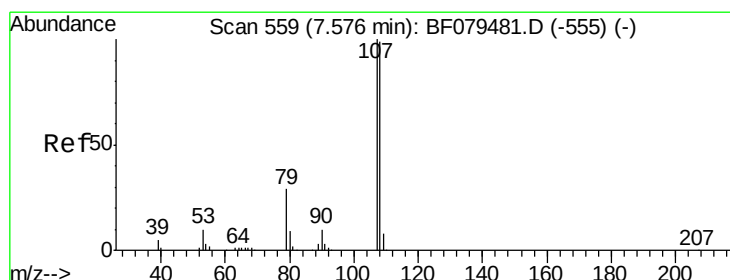
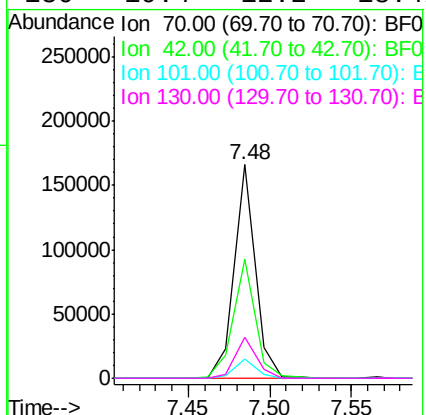
Ion Ratio Lower Upper

70 100

42 55.7 48.8 73.2

101 9.1 6.6 9.8

130 19.4 12.2 18.4#



#20

3+4-Methylphenols

Concen: 35.63 ng

RT: 7.51 min Scan# 553

Delta R.T. -0.00 min

Lab File: BF079561.D

Acq: 29 May 2015 15:35

Tgt Ion: 107 Resp: 220540

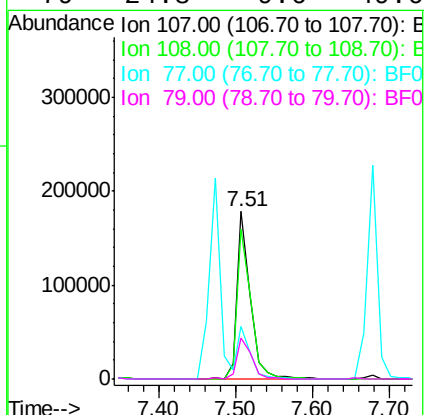
Ion Ratio Lower Upper

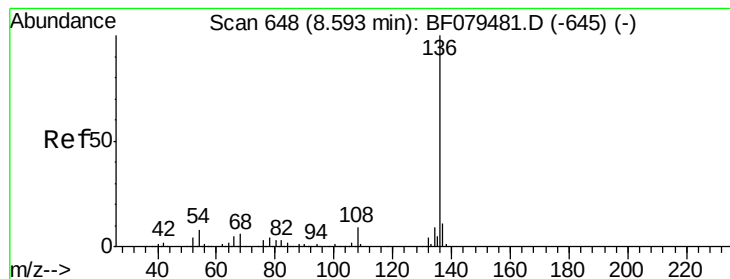
107 100

108 89.4 77.7 117.7

77 31.4 11.4 51.4

79 24.8 9.6 49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.52 min Scan# 642

Delta R.T. -0.01 min

Lab File: BF079561.D

Acq: 29 May 2015 15:35

Instrument :

BNA_F

ClientSampleId :

PB83625BS

Tgt Ion:136 Resp: 351293

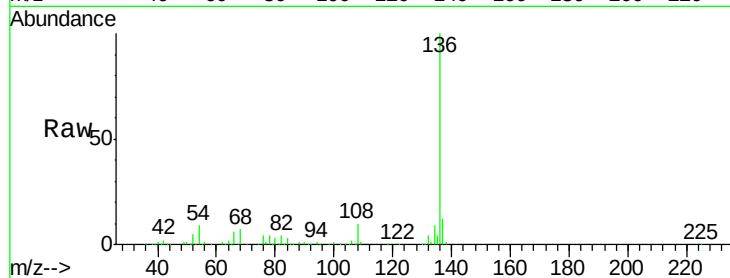
Ion Ratio Lower Upper

136 100

137 11.6 8.5 12.7

54 9.0 6.6 9.8

68 6.9 4.7 7.1

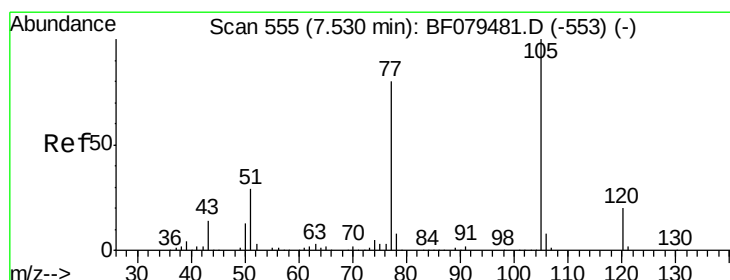
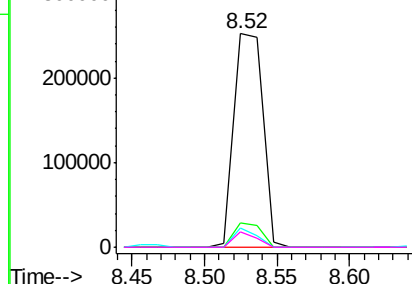
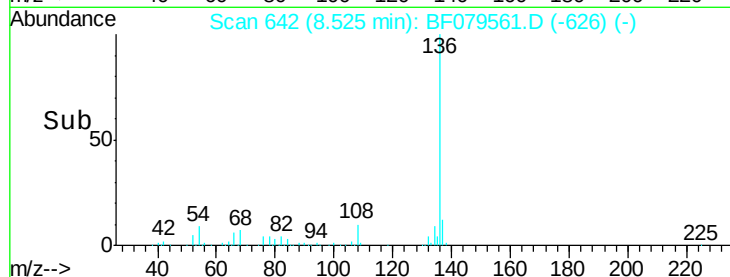


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.94 ng

RT: 7.47 min Scan# 550

Delta R.T. -0.00 min

Lab File: BF079561.D

Acq: 29 May 2015 15:35

Tgt Ion:105 Resp: 290730

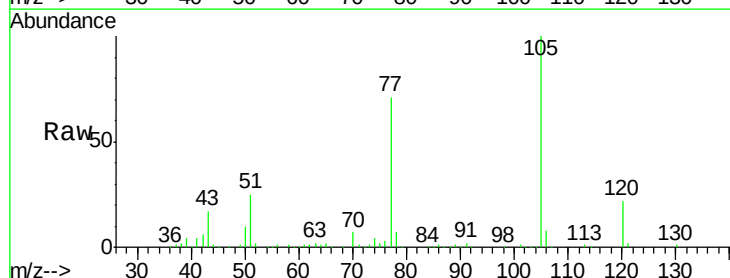
Ion Ratio Lower Upper

105 100

71 1.2 0.2 0.4#

51 24.6 23.7 35.5

120 21.6 16.2 24.4

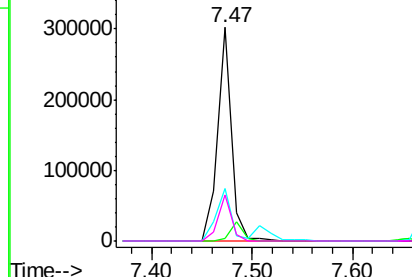
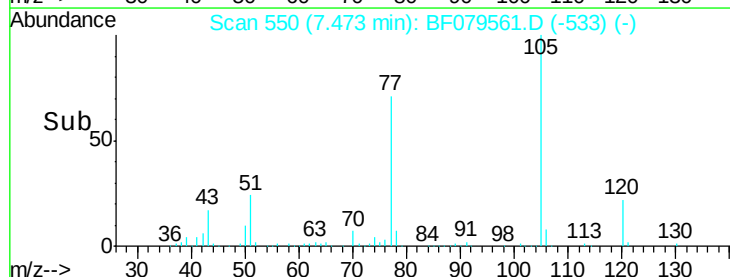


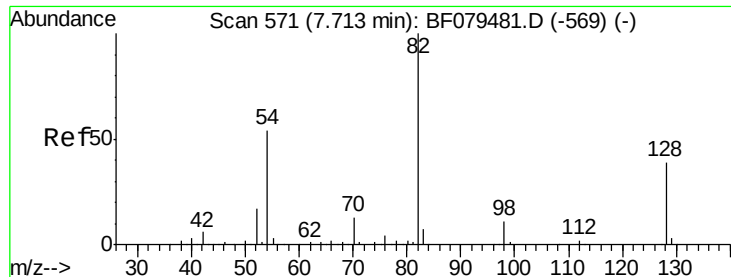
Abundance Ion 105.00 (104.70 to 105.70): E

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

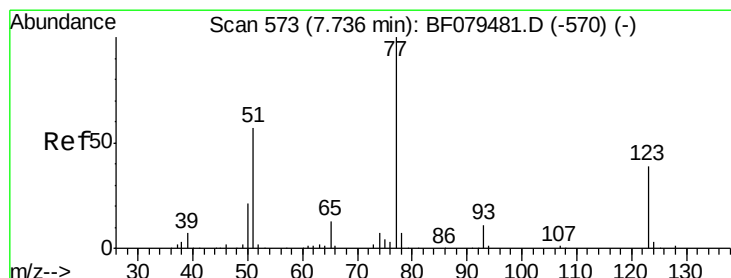
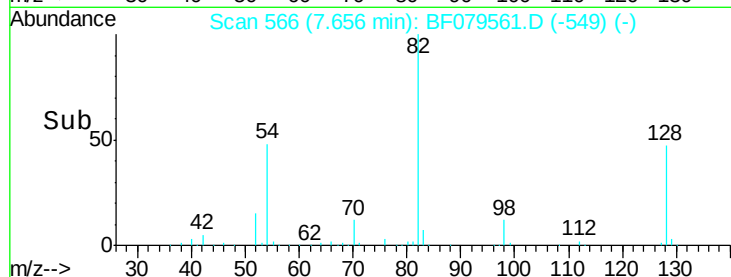
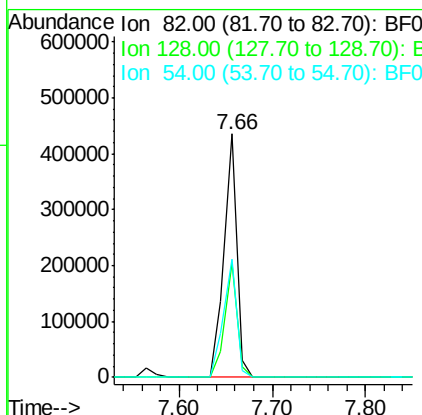
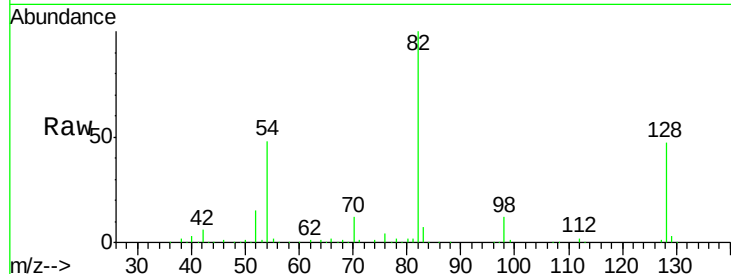




#23
 Nitrobenzene-d5
 Concen: 68.41 ng
 RT: 7.66 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: BF079561.D
 Acq: 29 May 2015 15:35

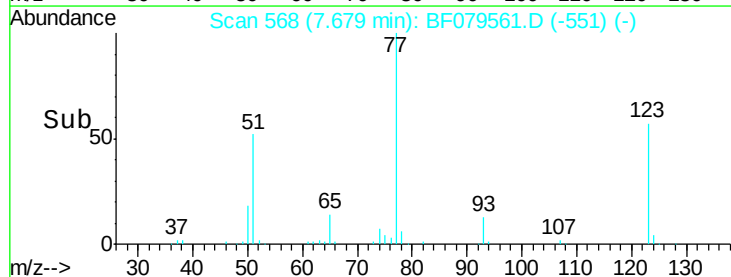
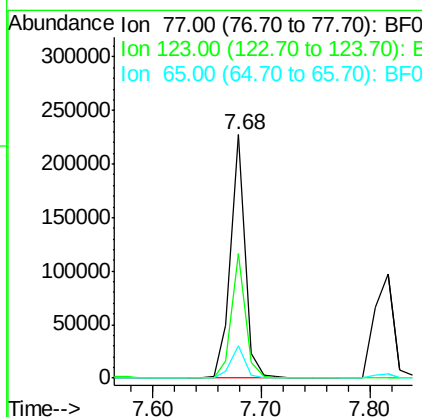
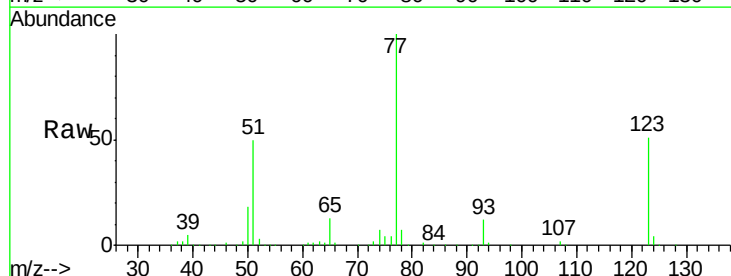
Instrument :
 BNA_F
 ClientSampleId :
 PB83625BS

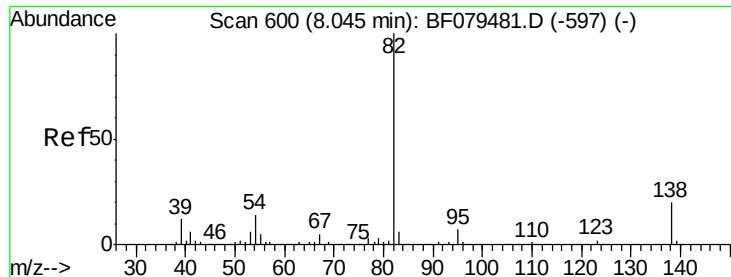
Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.1	30.8	46.2#
54	48.4	42.8	64.2



#24
 Nitrobenzene
 Concen: 35.20 ng
 RT: 7.68 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: BF079561.D
 Acq: 29 May 2015 15:35

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.0	31.0	46.4#
65	13.1	10.6	15.8





#25

Isophorone

Concen: 33.63 ng

RT: 7.98 min Scan# 594

Delta R.T. -0.00 min

Lab File: BF079561.D

Acq: 29 May 2015 15:35

Instrument :

BNA_F

ClientSampleId :

PB83625BS

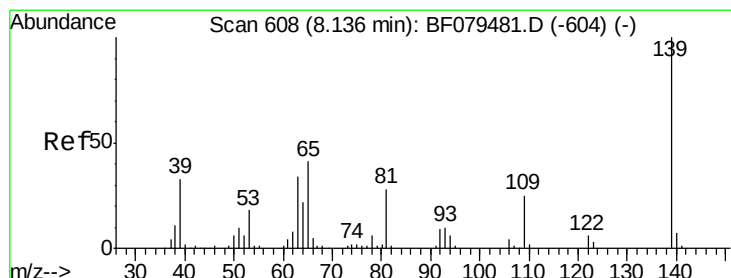
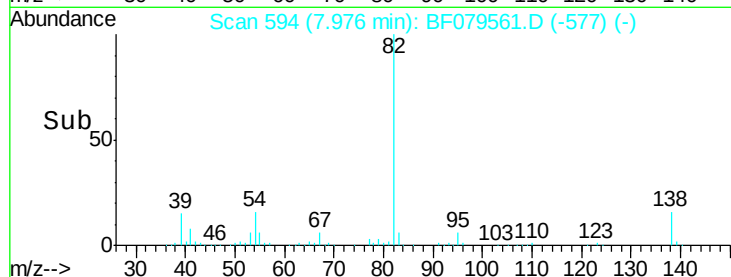
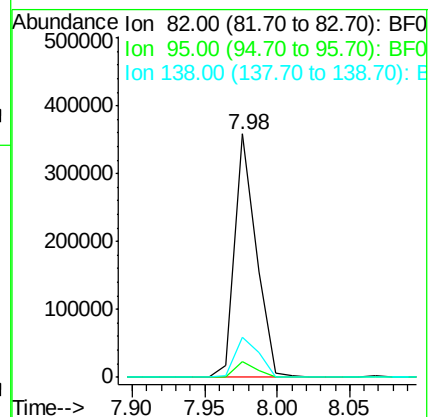
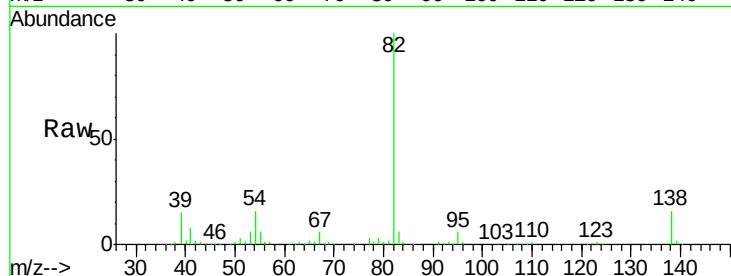
Tgt Ion: 82 Resp: 372504

Ion Ratio Lower Upper

82 100

95 6.5 5.5 8.3

138 16.5 16.1 24.1



#26

2-Nitrophenol

Concen: 36.69 ng

RT: 8.07 min Scan# 602

Delta R.T. -0.00 min

Lab File: BF079561.D

Acq: 29 May 2015 15:35

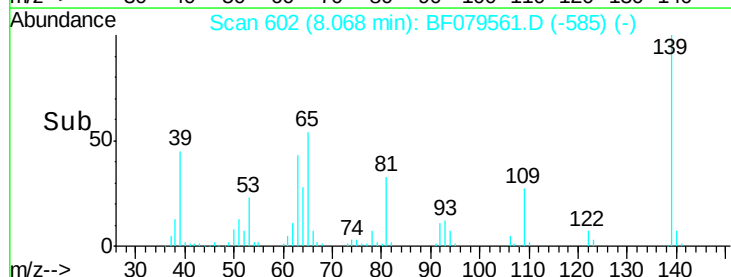
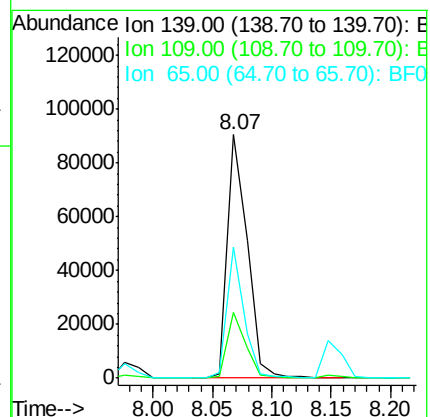
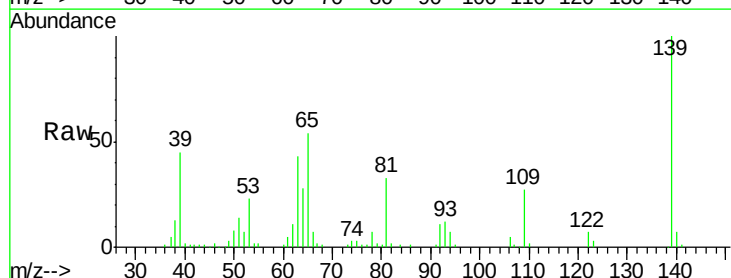
Tgt Ion: 139 Resp: 104048

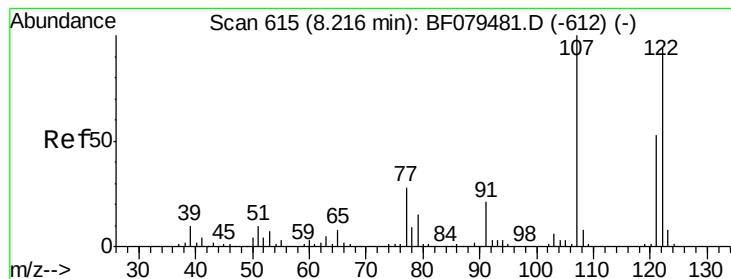
Ion Ratio Lower Upper

139 100

109 27.2 20.2 30.2

65 53.9 32.5 48.7#





#27

2,4-Dimethylphenol

Concen: 36.71 ng

RT: 8.16 min Scan# 610

Delta R.T. -0.00 min

Lab File: BF079561.D

Acq: 29 May 2015 15:35

Instrument :

BNA_F

ClientSampleId :

PB83625BS

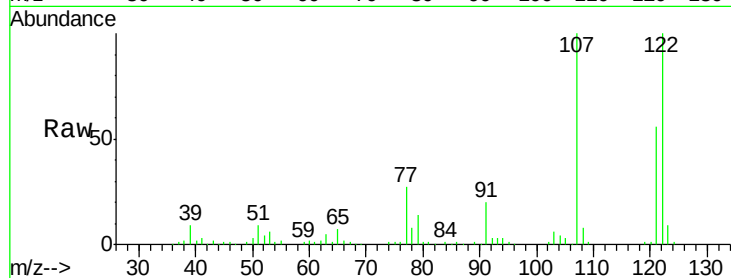
Tgt Ion:122 Resp: 187134

Ion Ratio Lower Upper

122 100

107 100.0 85.2 127.8

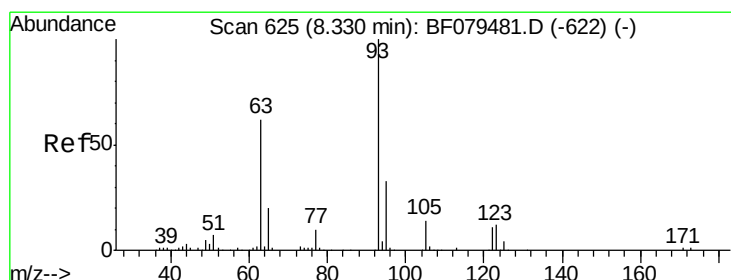
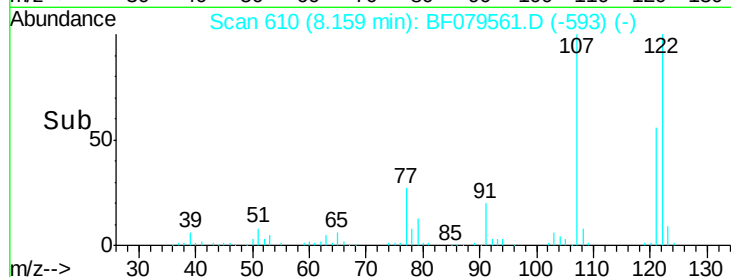
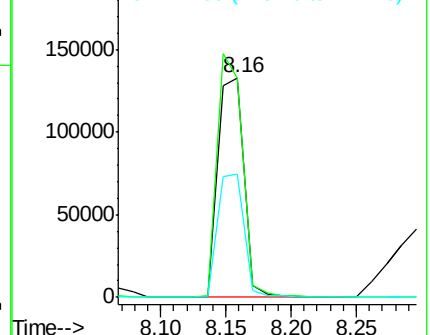
121 56.0 45.2 67.8



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: 35.40 ng

RT: 8.26 min Scan# 619

Delta R.T. -0.00 min

Lab File: BF079561.D

Acq: 29 May 2015 15:35

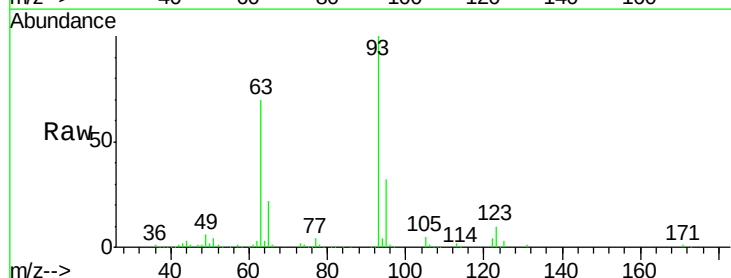
Tgt Ion: 93 Resp: 243050

Ion Ratio Lower Upper

93 100

95 32.2 26.6 39.8

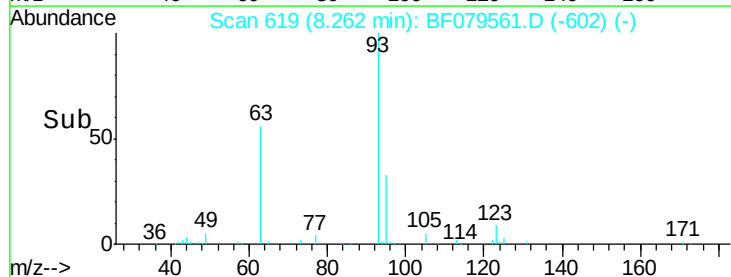
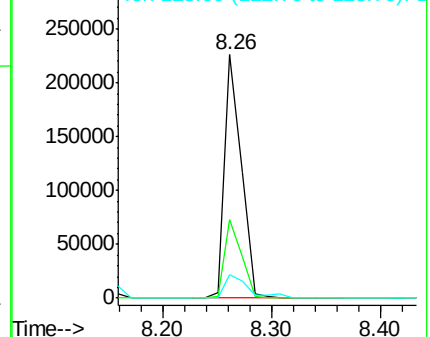
123 9.7 9.4 14.0

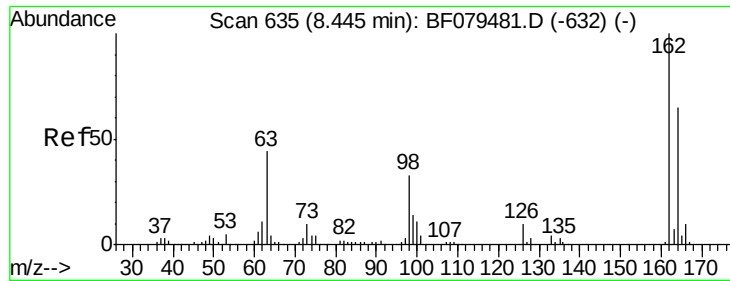


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

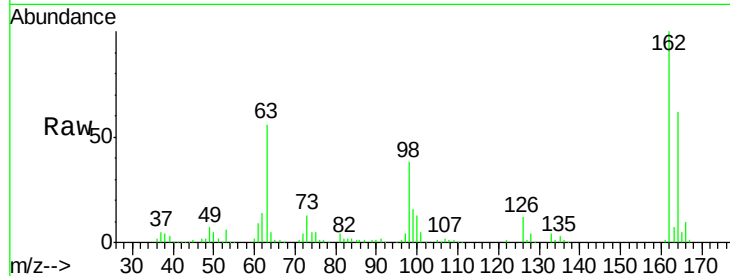




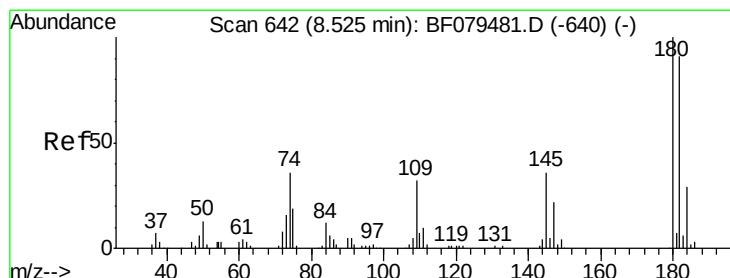
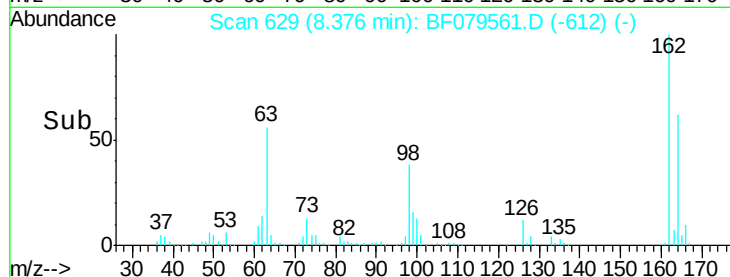
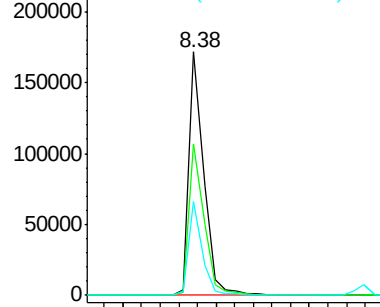
#29
 2,4-Dichlorophenol
 Concen: 40.10 ng
 RT: 8.38 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF079561.D
 Acq: 29 May 2015 15:35

Instrument :
 BNA_F
 ClientSampleId :
 PB83625BS

Tgt Ion:162 Resp: 187245
 Ion Ratio Lower Upper
 162 100
 164 62.5 45.0 85.0
 98 38.3 13.2 53.2

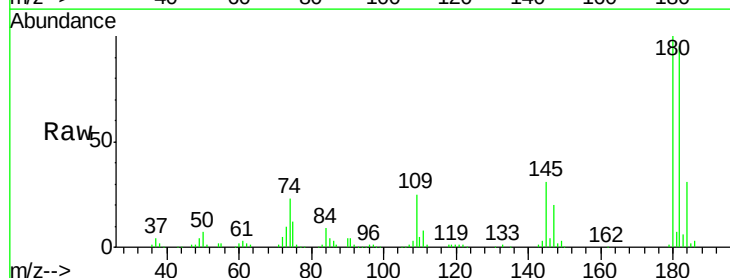


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

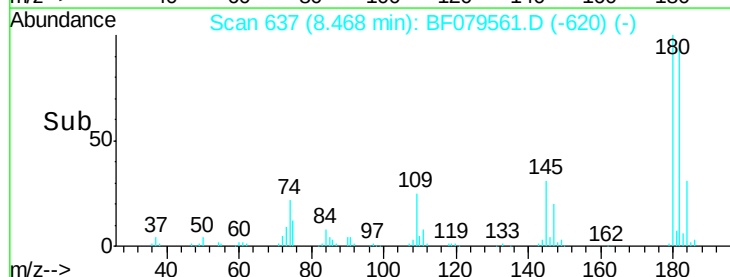
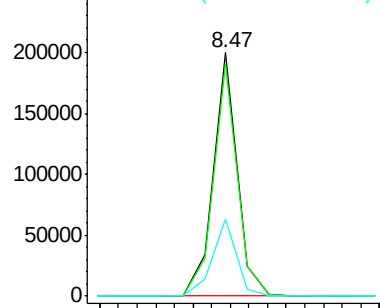


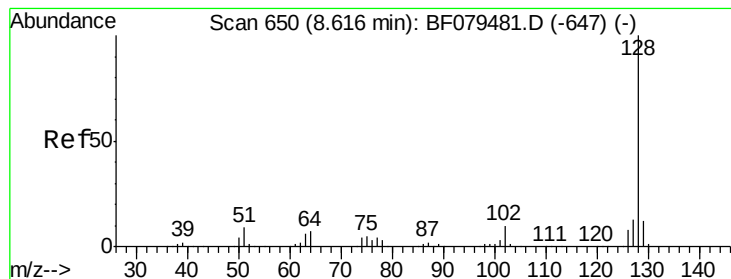
#30
 1,2,4-Trichlorobenzene
 Concen: 36.72 ng
 RT: 8.47 min Scan# 637
 Delta R.T. -0.00 min
 Lab File: BF079561.D
 Acq: 29 May 2015 15:35

Tgt Ion:180 Resp: 177872
 Ion Ratio Lower Upper
 180 100
 182 95.2 73.2 109.8
 145 31.5 28.9 43.3



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: 35.34 ng

RT: 8.56 min Scan# 645

Delta R.T. -0.00 min

Lab File: BF079561.D

Acq: 29 May 2015 15:35

Instrument :

BNA_F

ClientSampleId :

PB83625BS

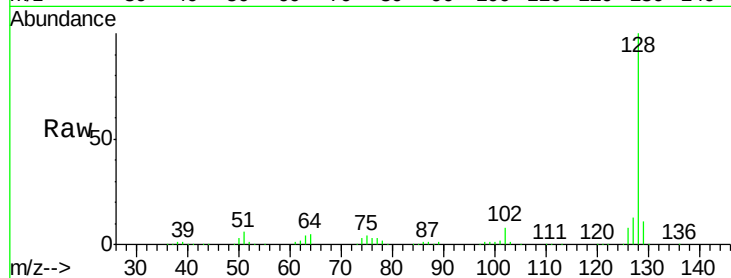
Tgt Ion:128 Resp: 595802

Ion Ratio Lower Upper

128 100

129 11.0 9.3 13.9

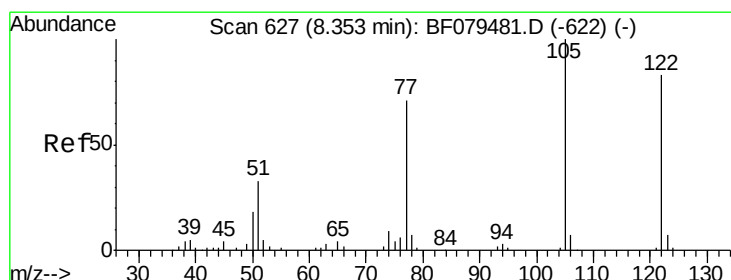
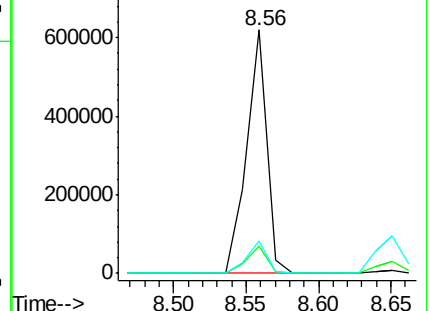
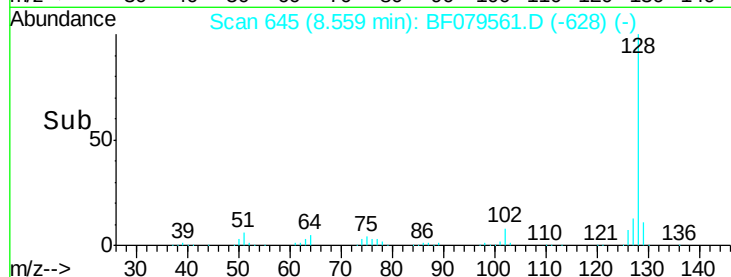
127 13.5 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.02 ng

RT: 8.31 min Scan# 623

Delta R.T. 0.01 min

Lab File: BF079561.D

Acq: 29 May 2015 15:35

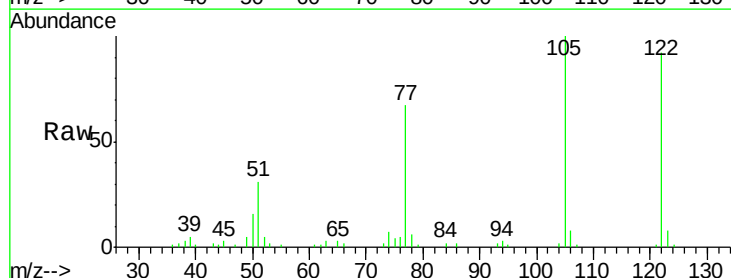
Tgt Ion:122 Resp: 123423

Ion Ratio Lower Upper

122 100

105 108.3 100.2 140.2

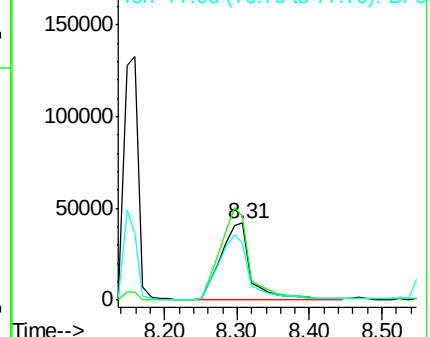
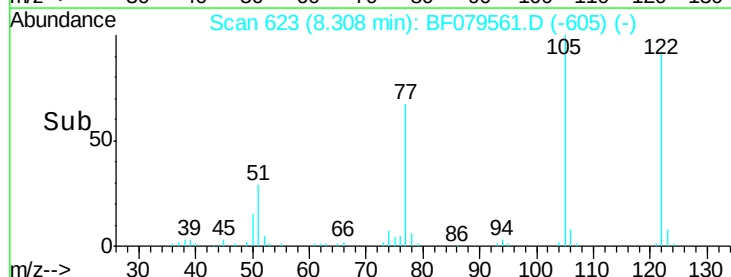
77 73.0 64.8 104.8

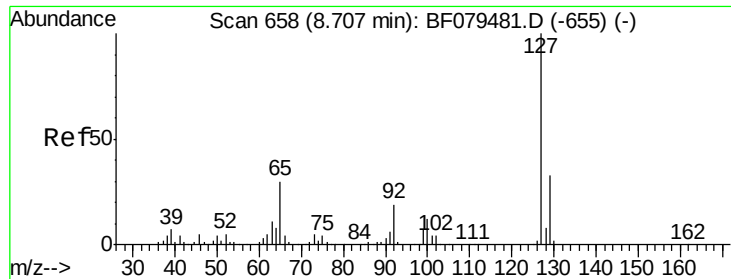


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

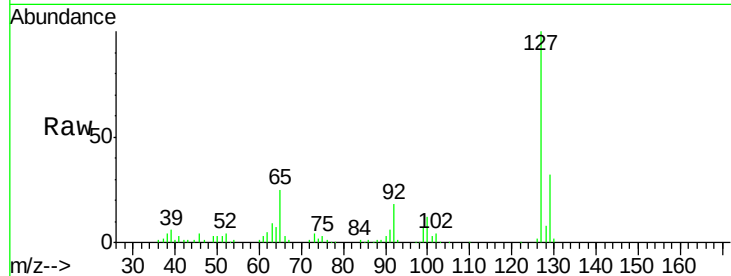




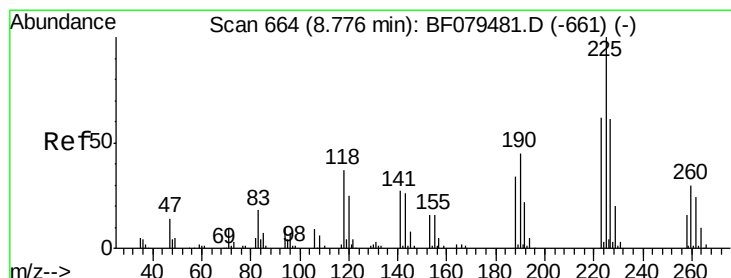
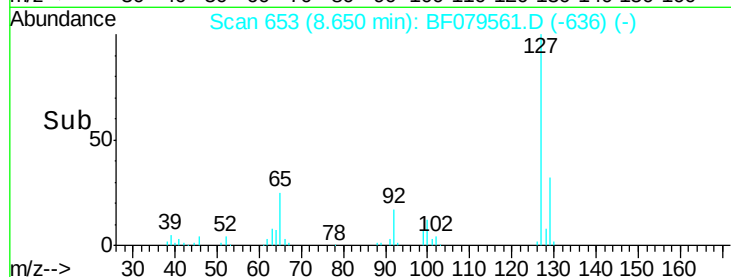
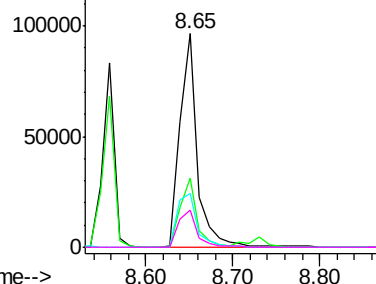
#33
4-Chloroaniline
Concen: 19.17 ng
RT: 8.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BF079561.D
Acq: 29 May 2015 15:35

Instrument :
BNA_F
ClientSampleId :
PB83625BS

Tgt Ion:	127	Resp:	135044
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.2	39.2
65	24.9	24.2	36.4
92	17.5	15.4	23.0

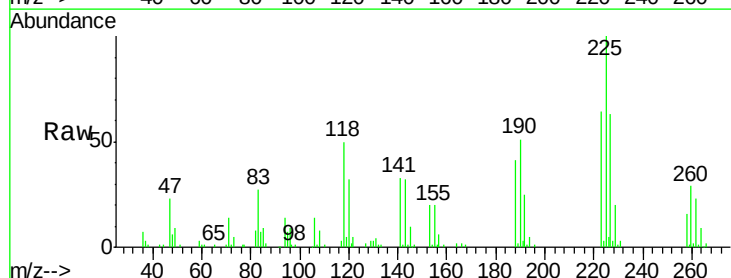


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

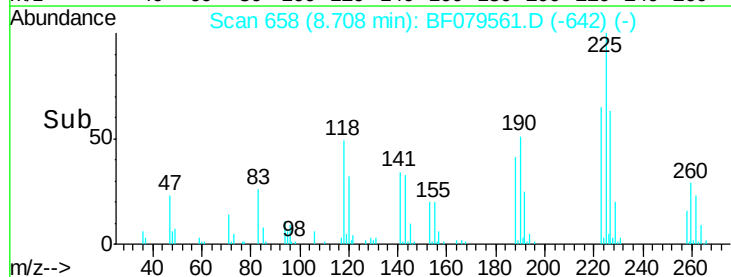
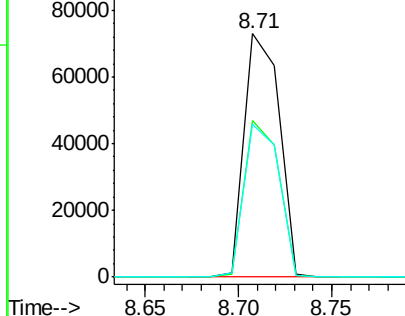


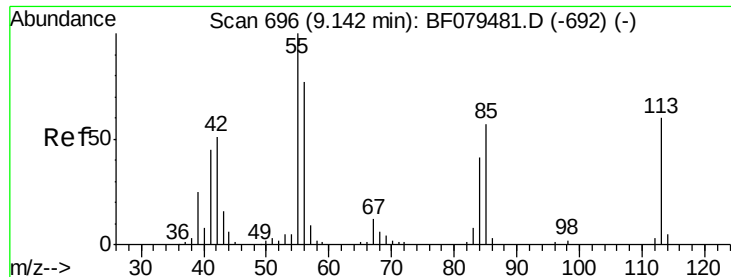
#34
Hexachlorobutadiene
Concen: 34.56 ng
RT: 8.71 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF079561.D
Acq: 29 May 2015 15:35

Tgt Ion:	225	Resp:	95224
Ion	Ratio	Lower	Upper
225	100		
223	64.1	49.9	74.9
227	62.7	48.9	73.3



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: 36.58 ng

RT: 9.08 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF079561.D

Acq: 29 May 2015 15:35

Instrument :

BNA_F

ClientSampleId :

PB83625BS

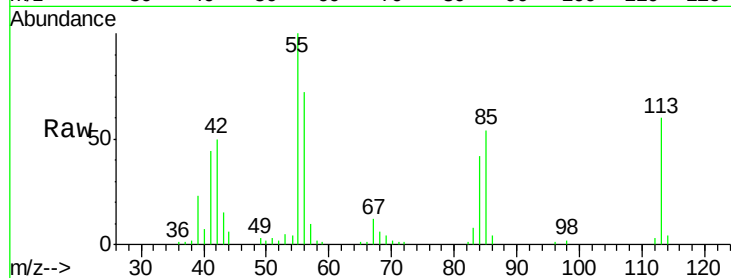
Tgt Ion:113 Resp: 53862

Ion Ratio Lower Upper

113 100

55 168.0 147.2 187.2

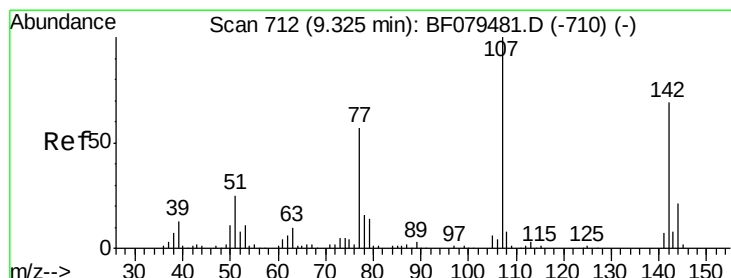
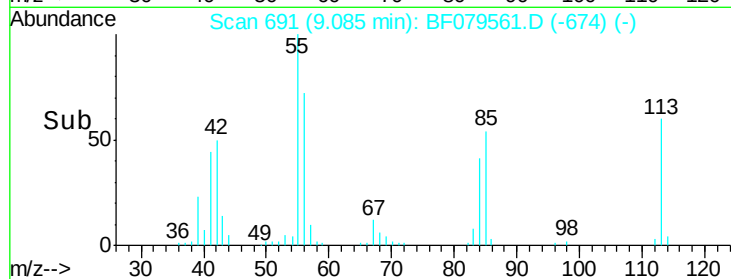
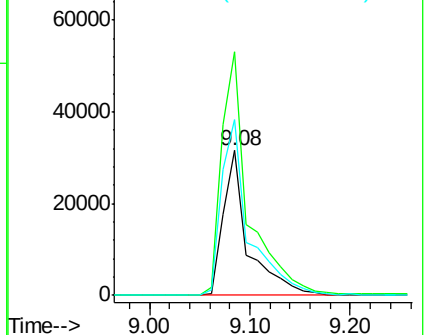
56 121.7 108.6 148.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 38.00 ng

RT: 9.27 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF079561.D

Acq: 29 May 2015 15:35

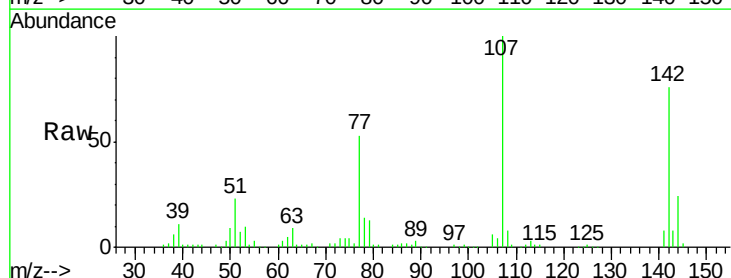
Tgt Ion:107 Resp: 184053

Ion Ratio Lower Upper

107 100

144 23.7 16.9 25.3

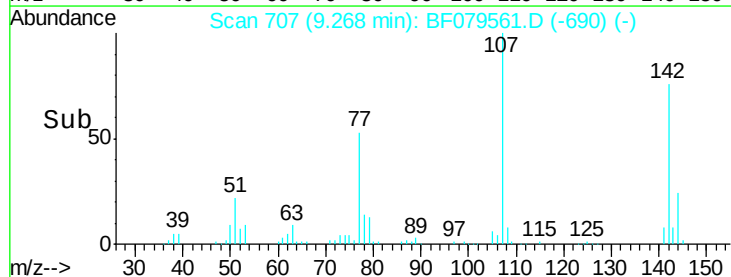
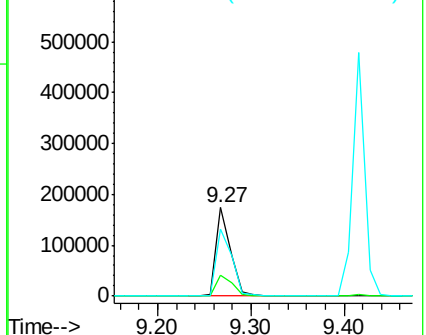
142 76.2 55.2 82.8

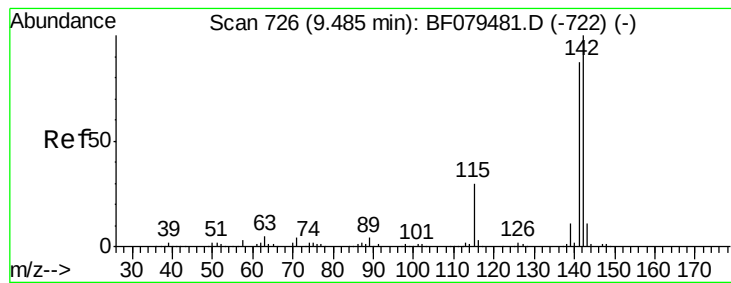


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 36.38 ng

RT: 9.42 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF079561.D

Acq: 29 May 2015 15:35

Instrument :

BNA_F

ClientSampleId :

PB83625BS

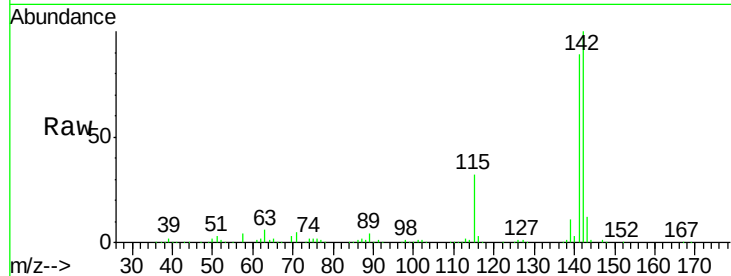
Tgt Ion:142 Resp: 425864

Ion Ratio Lower Upper

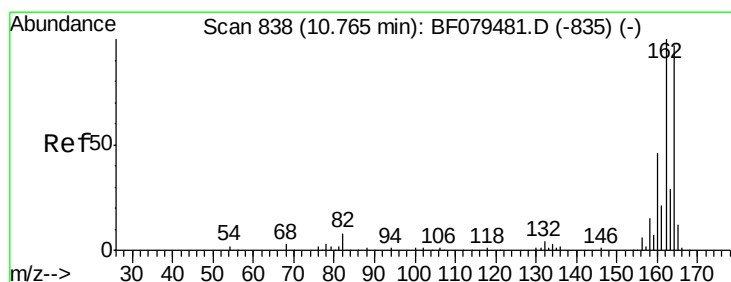
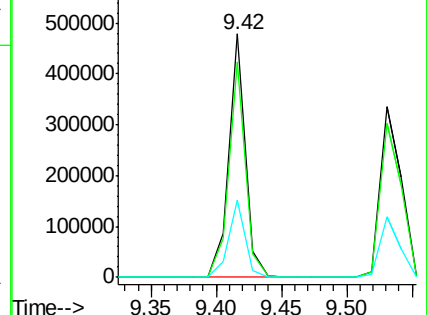
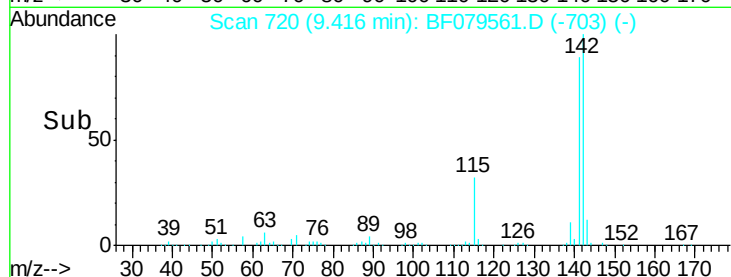
142 100

141 88.6 69.5 104.3

115 31.5 23.8 35.6



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: 10.70 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF079561.D

Acq: 29 May 2015 15:35

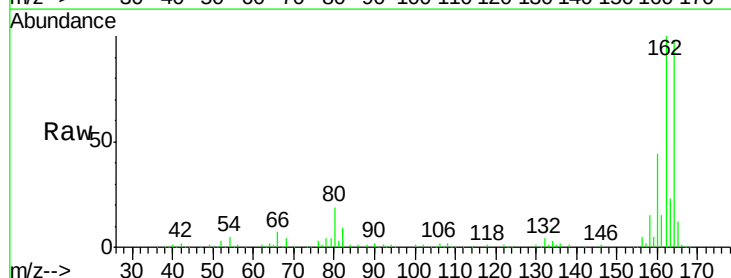
Tgt Ion:164 Resp: 171979

Ion Ratio Lower Upper

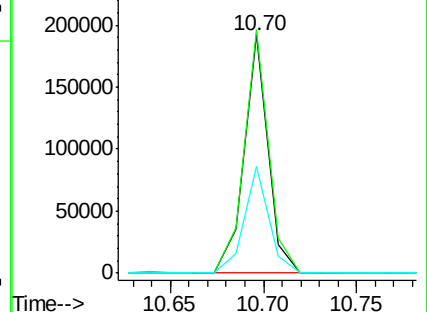
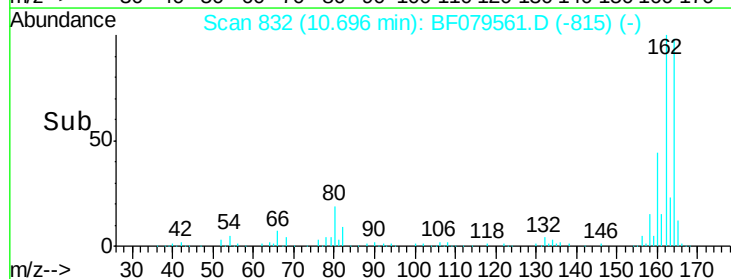
164 100

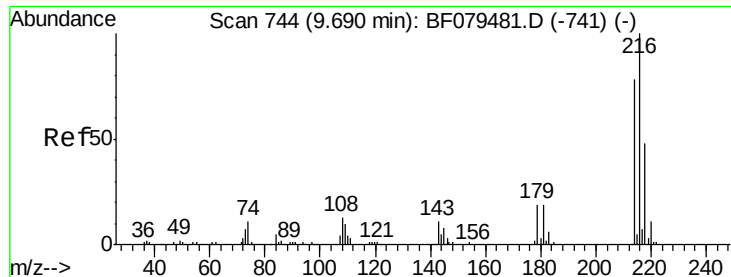
162 102.3 82.6 124.0

160 45.1 37.7 56.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

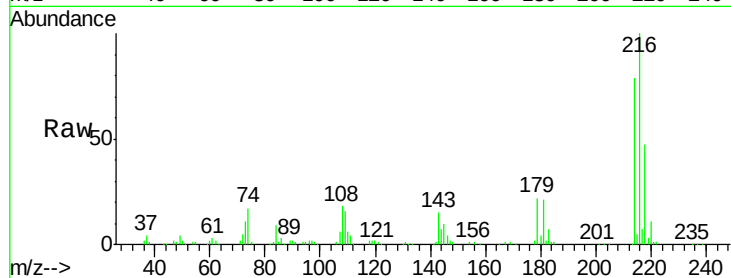




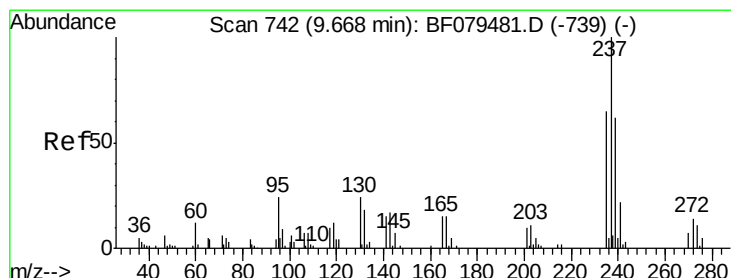
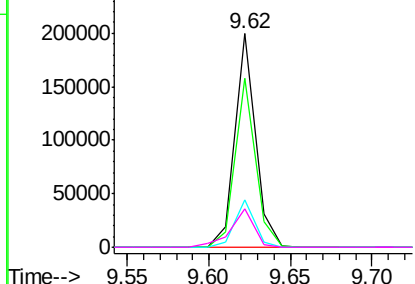
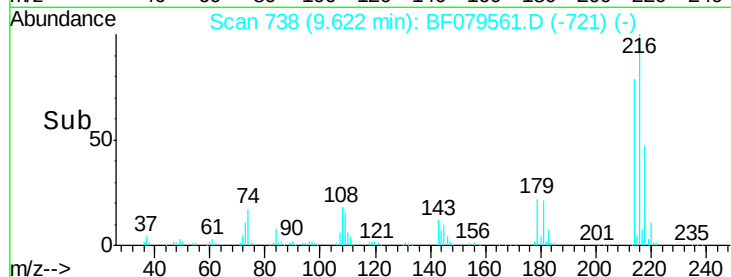
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.81 ng
 RT: 9.62 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF079561.D
 Acq: 29 May 2015 15:35

Instrument :
 BNA_F
 ClientSampleId :
 PB83625BS

Tgt Ion:	216	Resp:	172271
Ion	Ratio	Lower	Upper
216	100		
214	78.9	0.0	0.0#
179	21.9	0.0	0.0#
108	21.5	0.0	0.0#

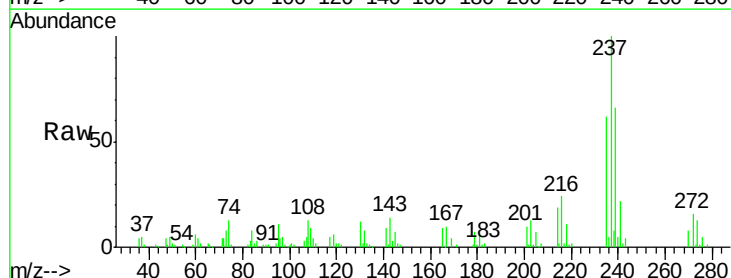


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

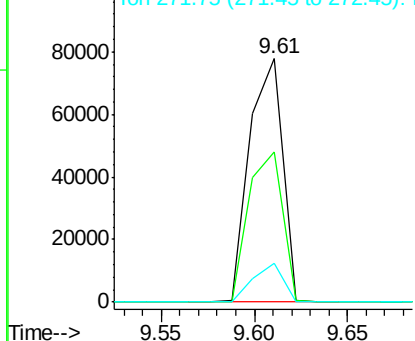
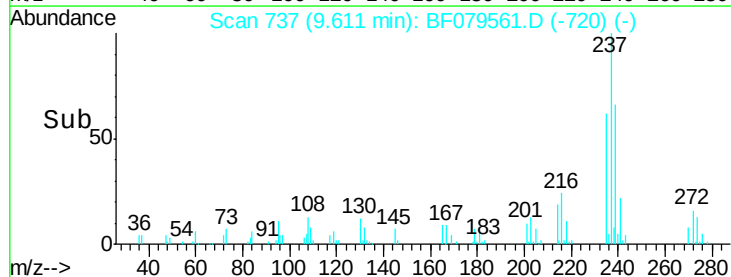


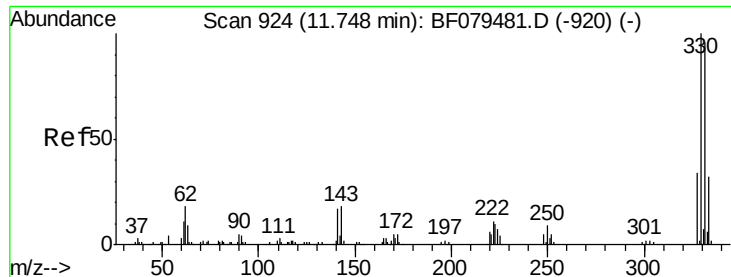
#40
 Hexachlorocyclopentadiene
 Concen: 69.21 ng
 RT: 9.61 min Scan# 737
 Delta R.T. -0.00 min
 Lab File: BF079561.D
 Acq: 29 May 2015 15:35

Tgt Ion:	237	Resp:	95730
Ion	Ratio	Lower	Upper
237	100		
235	61.8	45.0	85.0
272	15.9	0.0	33.9



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

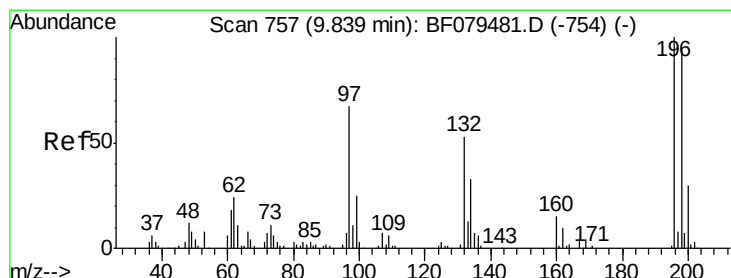
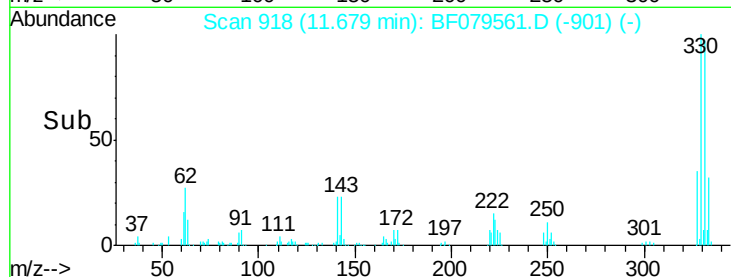
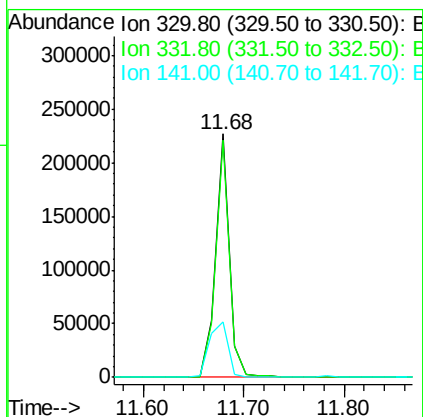
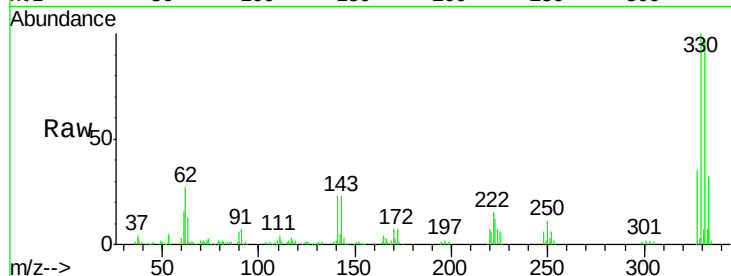




#41
 2,4,6-Tribromophenol
 Concen: 115.48 ng
 RT: 11.68 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: BF079561.D
 Acq: 29 May 2015 15:35

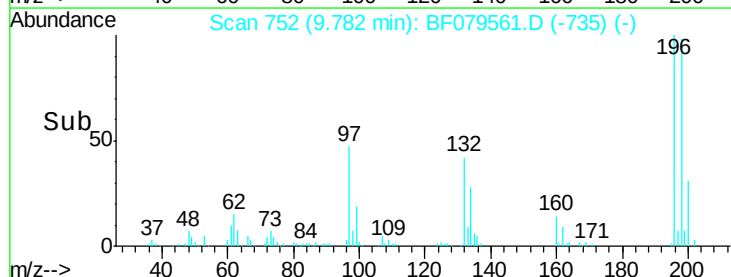
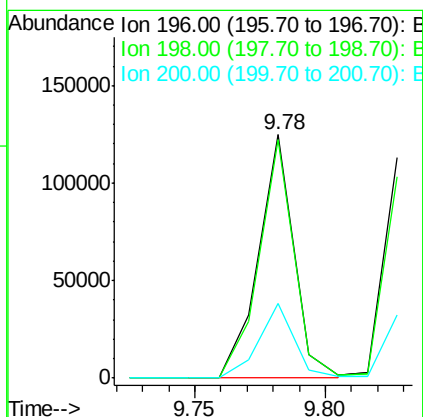
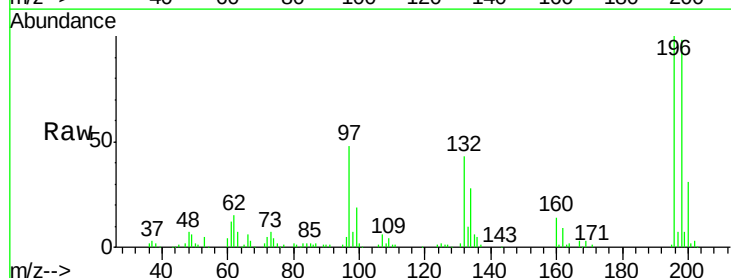
Instrument :
 BNA_F
 ClientSampleId :
 PB83625BS

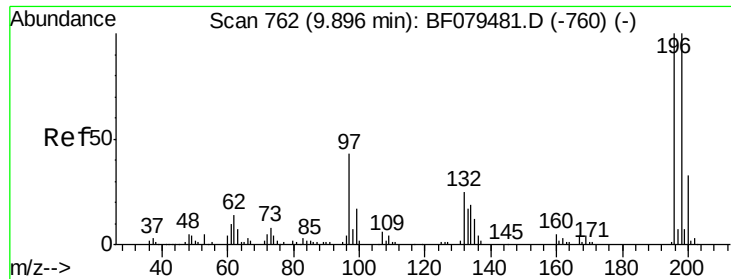
Tgt Ion:330 Resp: 218133
 Ion Ratio Lower Upper
 330 100
 332 97.4 0.0 0.0#
 141 31.1 0.0 0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 34.92 ng
 RT: 9.78 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF079561.D
 Acq: 29 May 2015 15:35

Tgt Ion:196 Resp: 117280
 Ion Ratio Lower Upper
 196 100
 198 97.7 75.3 112.9
 200 30.9 23.8 35.8

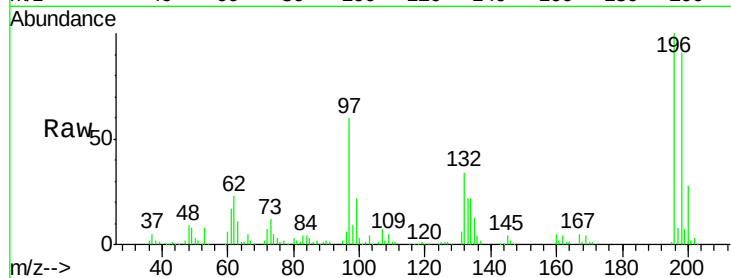




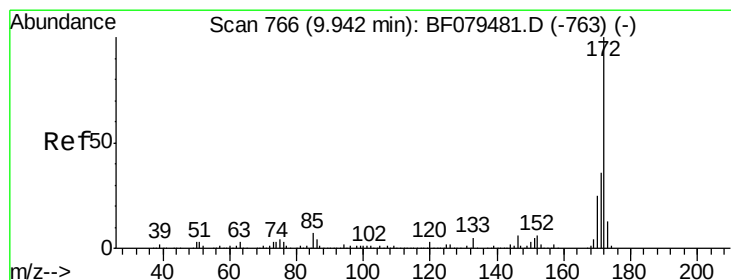
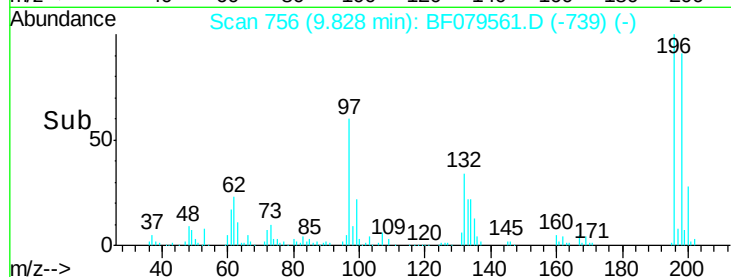
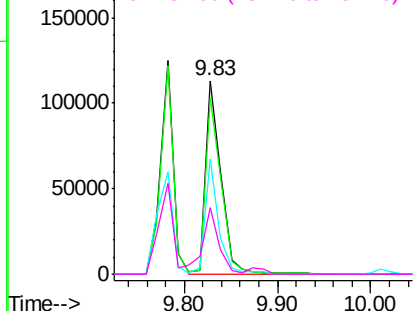
#43
 2,4,5-Trichlorophenol
 Concen: 39.39 ng
 RT: 9.83 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BF079561.D
 Acq: 29 May 2015 15:35

Instrument :
 BNA_F
 ClientSampleId :
 PB83625BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.2	80.3	120.5
97	59.5	34.8	52.2
132	34.3	20.6	31.0

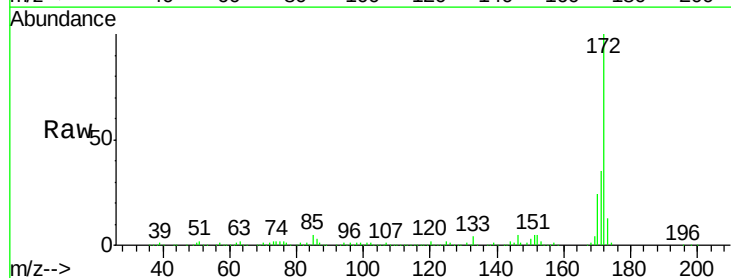


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

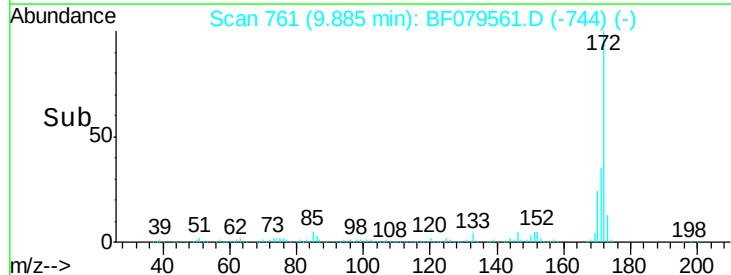
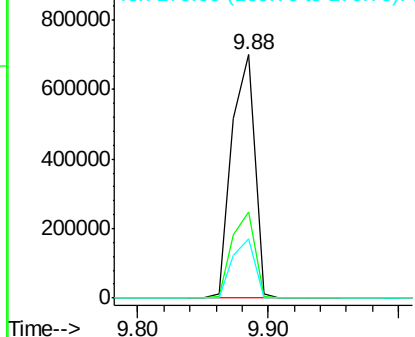


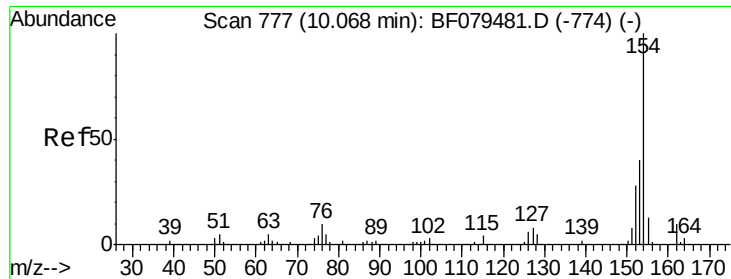
#44
 2-Fluorobiphenyl
 Concen: 70.76 ng
 RT: 9.88 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF079561.D
 Acq: 29 May 2015 15:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.5	42.7
170	24.4	19.7	29.5



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

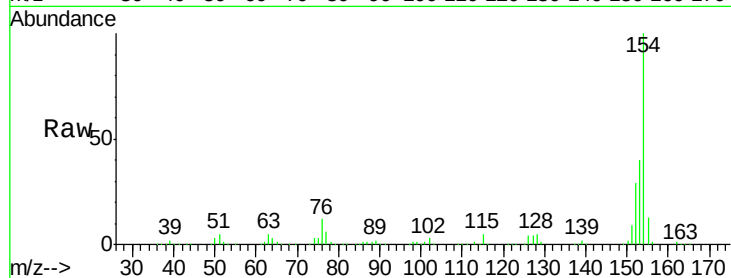




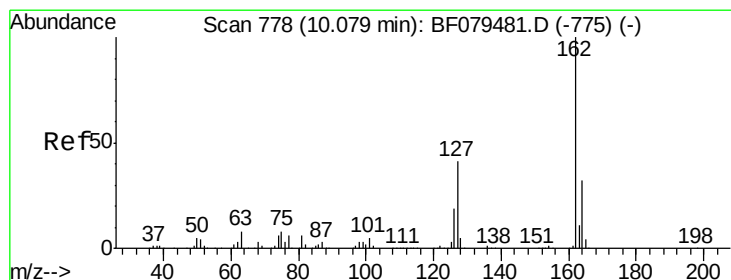
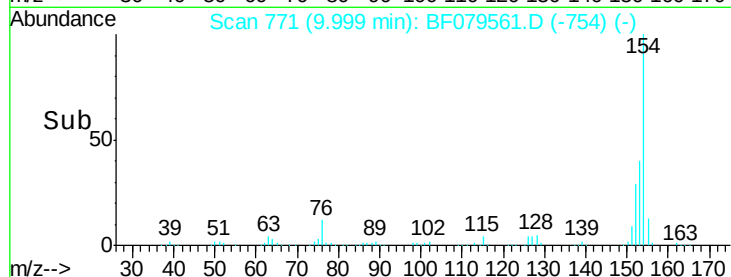
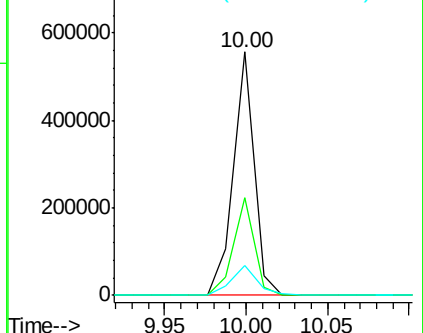
#45
1,1'-Biphenyl
Concen: 36.31 ng
RT: 10.00 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF079561.D
Acq: 29 May 2015 15:35

Instrument :
BNA_F
ClientSampleId :
PB83625BS

Tgt Ion:154 Resp: 487753
Ion Ratio Lower Upper
154 100
153 40.3 19.5 59.5
76 12.4 0.0 29.6

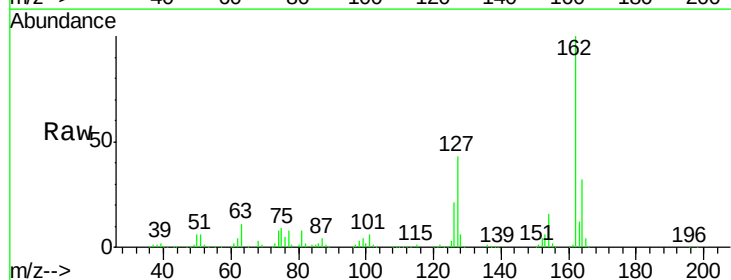


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

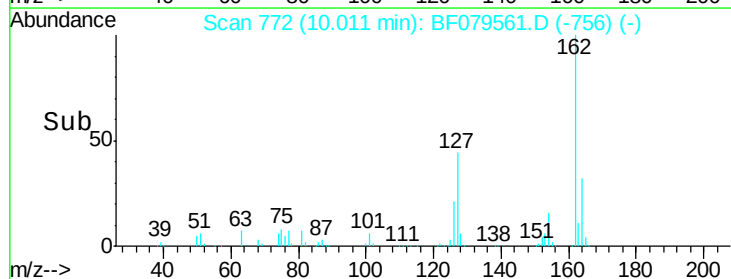
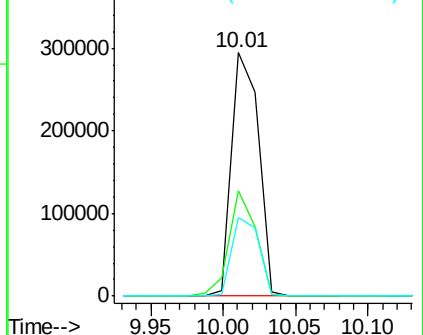


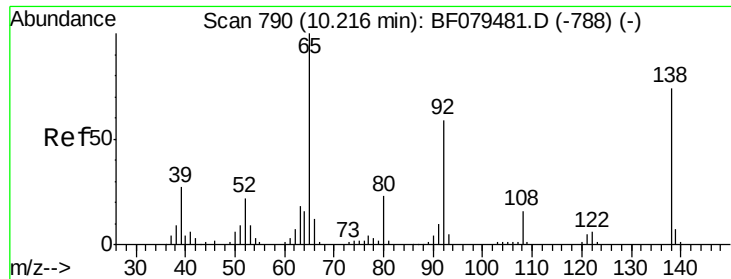
#46
2-Chloronaphthalene
Concen: 35.85 ng
RT: 10.01 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF079561.D
Acq: 29 May 2015 15:35

Tgt Ion:162 Resp: 380343
Ion Ratio Lower Upper
162 100
127 43.1 32.7 49.1
164 32.2 25.8 38.6



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

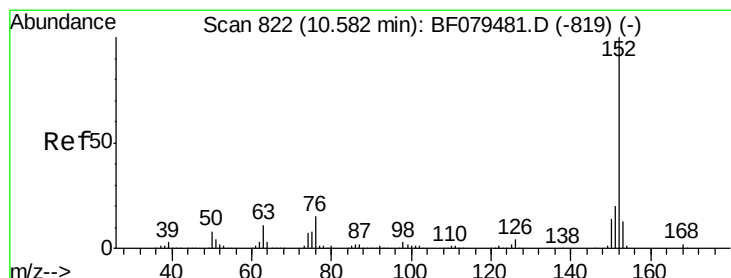
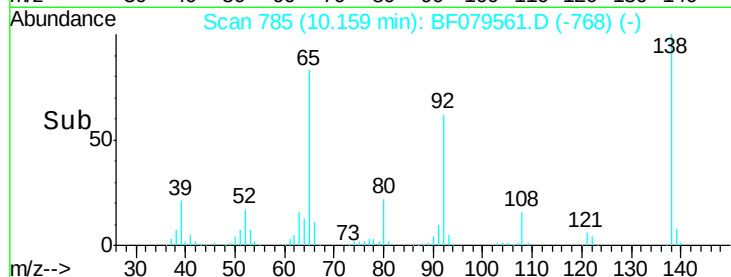
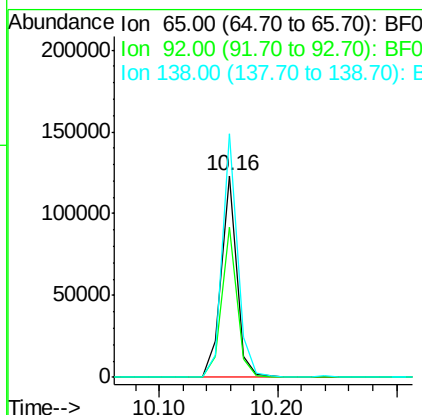
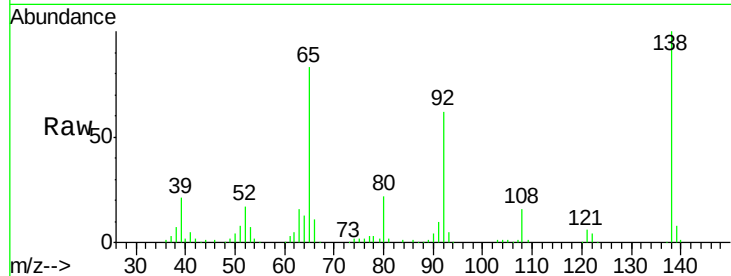




#47
2-Nitroaniline
Concen: 35.35 ng
RT: 10.16 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF079561.D
Acq: 29 May 2015 15:35

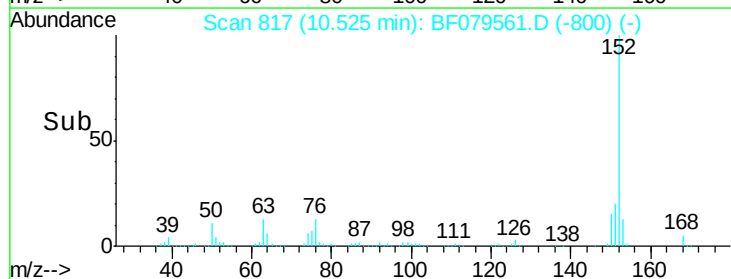
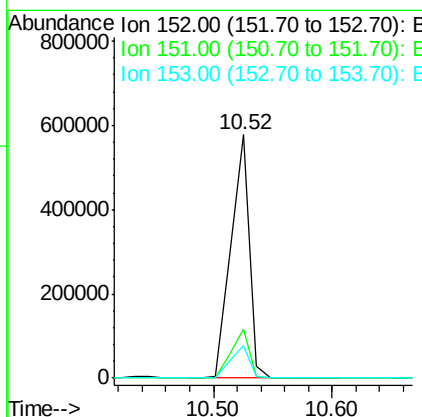
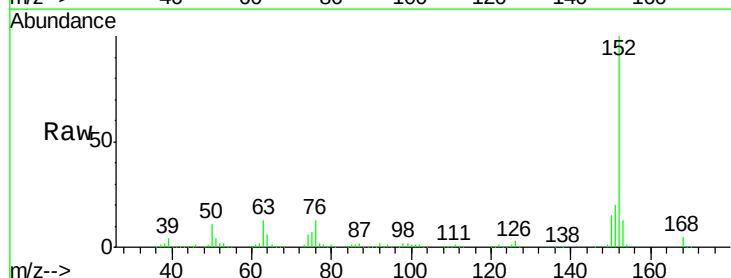
Instrument :
BNA_F
ClientSampleId :
PB83625BS

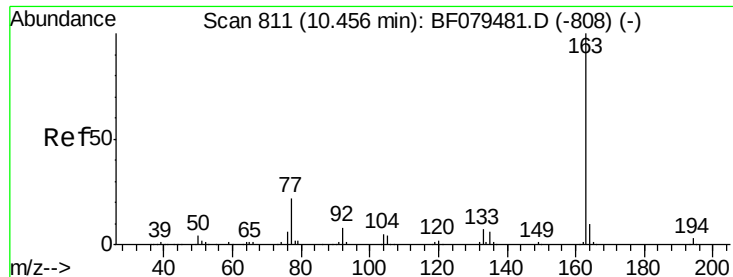
Tgt Ion: 65 Resp: 111492
Ion Ratio Lower Upper
65 100
92 74.3 47.2 70.8#
138 120.6 59.2 88.8#



#48
Acenaphthylene
Concen: 35.09 ng
RT: 10.52 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF079561.D
Acq: 29 May 2015 15:35

Tgt Ion: 152 Resp: 617986
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.8
153 13.3 10.7 16.1

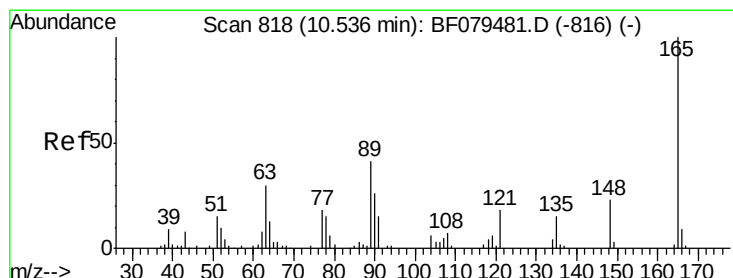
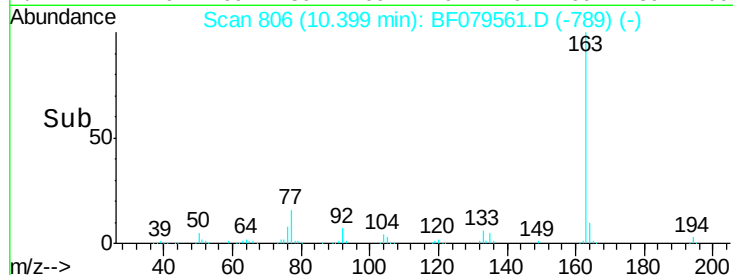
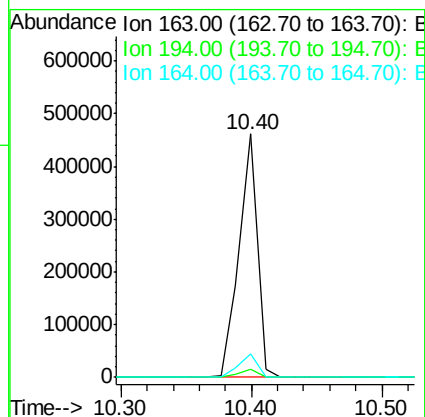
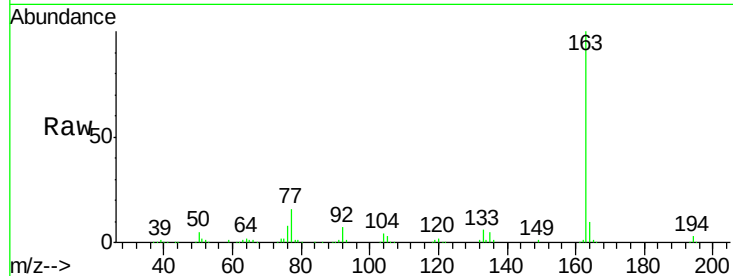




#49
Dimethylphthalate
Concen: 35.46 ng
RT: 10.40 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF079561.D
Acq: 29 May 2015 15:35

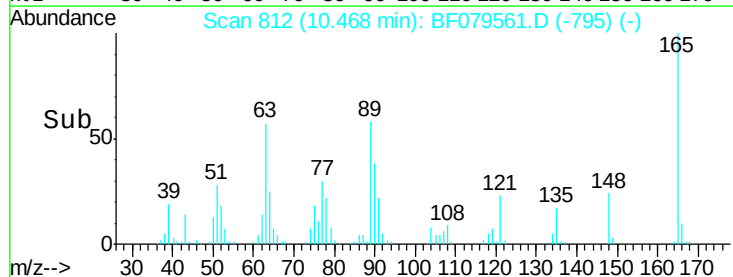
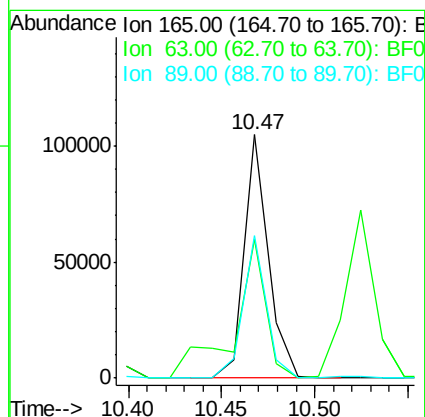
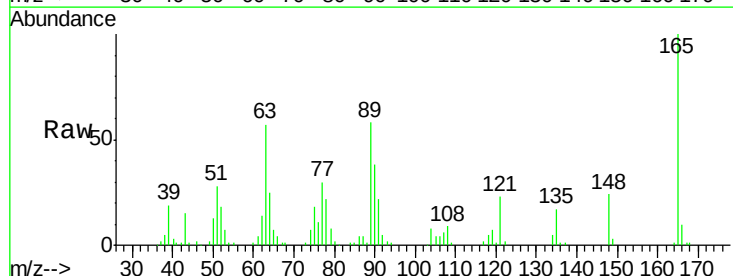
Instrument :
BNA_F
ClientSampleId :
PB83625BS

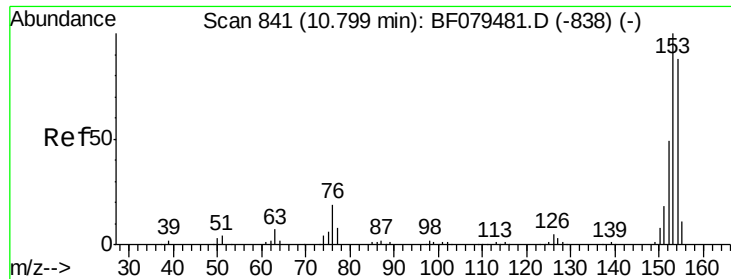
Tgt Ion:163 Resp: 449292
Ion Ratio Lower Upper
163 100
194 3.4 2.4 3.6
164 9.8 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 37.18 ng
RT: 10.47 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF079561.D
Acq: 29 May 2015 15:35

Tgt Ion:165 Resp: 94134
Ion Ratio Lower Upper
165 100
63 57.0 27.7 41.5#
89 58.4 33.7 50.5#





#51

Acenaphthene

Concen: 35.29 ng

RT: 10.73 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF079561.D

Acq: 29 May 2015 15:35

Instrument :

BNA_F

ClientSampleId :

PB83625BS

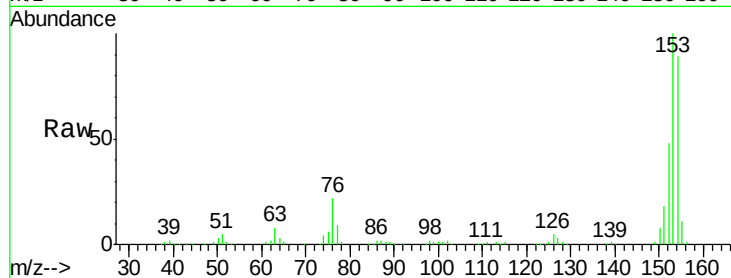
Tgt Ion:154 Resp: 355354

Ion Ratio Lower Upper

154 100

153 112.0 91.1 136.7

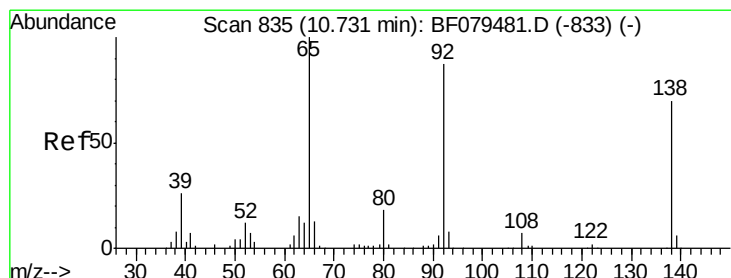
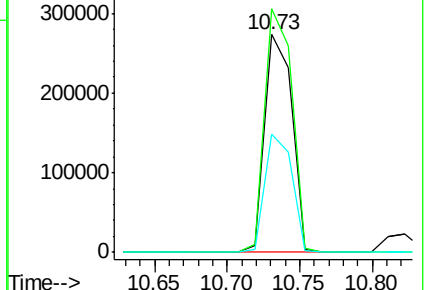
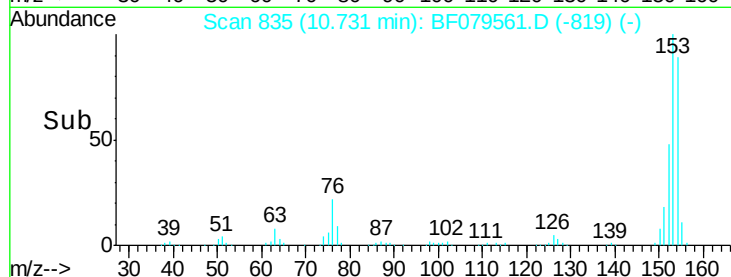
152 54.1 44.6 66.8



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: 23.45 ng

RT: 10.67 min Scan# 830

Delta R.T. -0.00 min

Lab File: BF079561.D

Acq: 29 May 2015 15:35

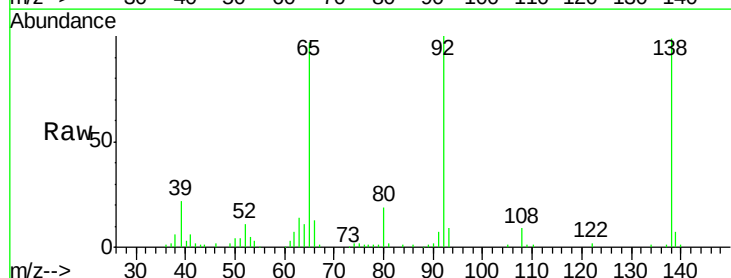
Tgt Ion:138 Resp: 77207

Ion Ratio Lower Upper

138 100

108 9.1 8.0 12.0

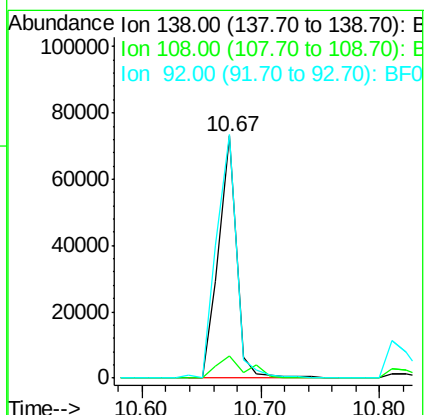
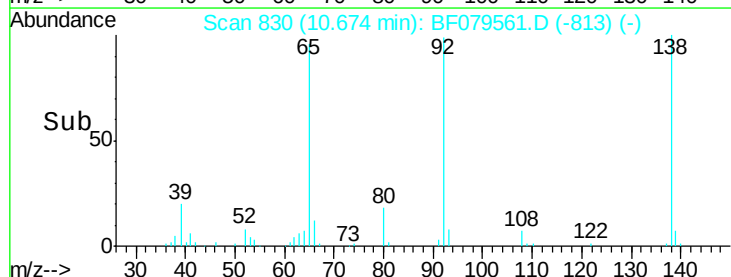
92 100.6 99.9 149.9

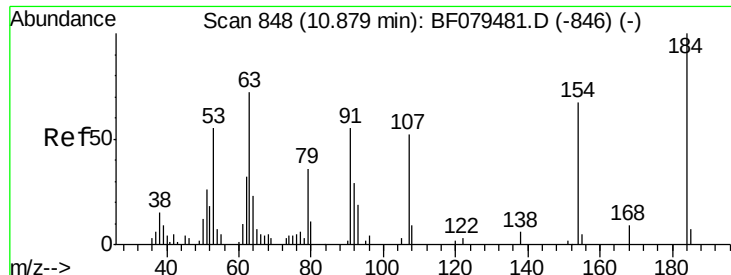


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

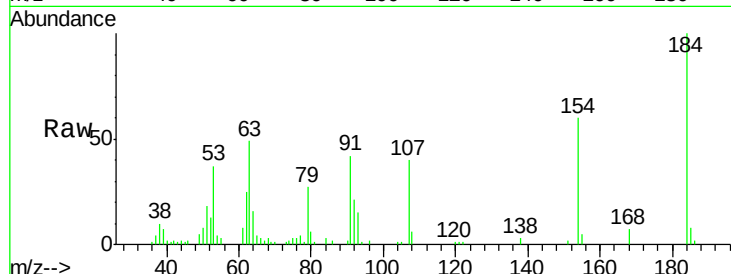




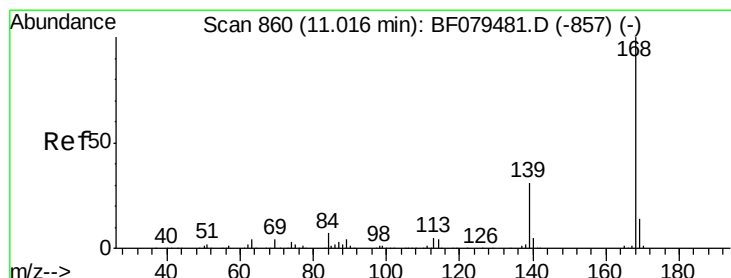
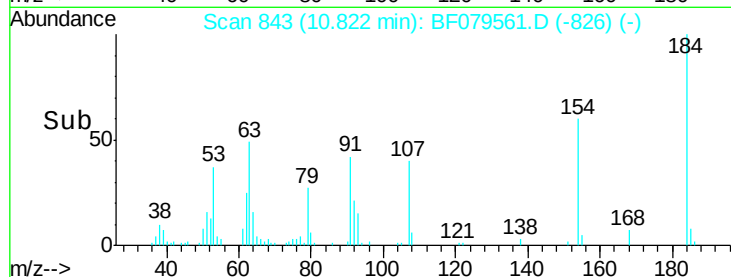
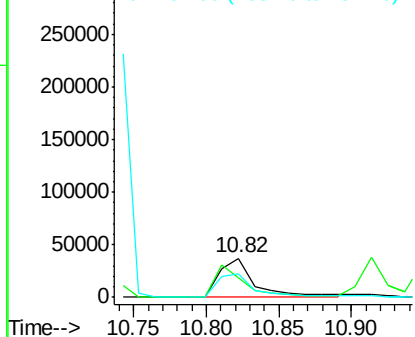
#53
2,4-Dinitrophenol
Concen: 65.48 ng
RT: 10.82 min Scan# 843
Delta R.T. -0.00 min
Lab File: BF079561.D
Acq: 29 May 2015 15:35

Instrument :
BNA_F
ClientSampleId :
PB83625BS

Tgt Ion:184 Resp: 62932
Ion Ratio Lower Upper
184 100
63 48.8 57.7 86.5#
154 60.2 53.4 80.2

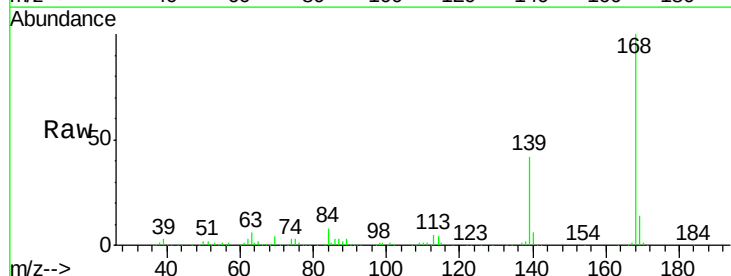


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

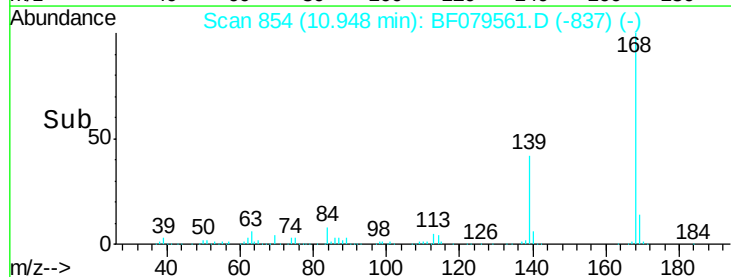
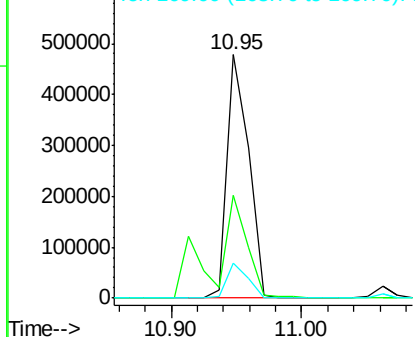


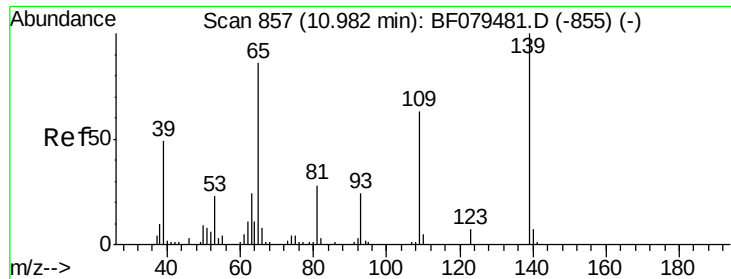
#54
Dibenzofuran
Concen: 36.82 ng
RT: 10.95 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF079561.D
Acq: 29 May 2015 15:35

Tgt Ion:168 Resp: 546823
Ion Ratio Lower Upper
168 100
139 42.3 32.9 49.3
169 14.2 11.1 16.7



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

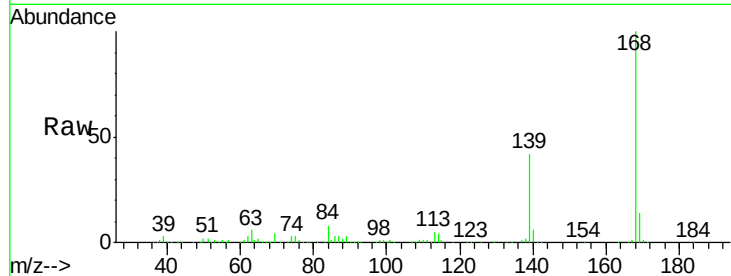




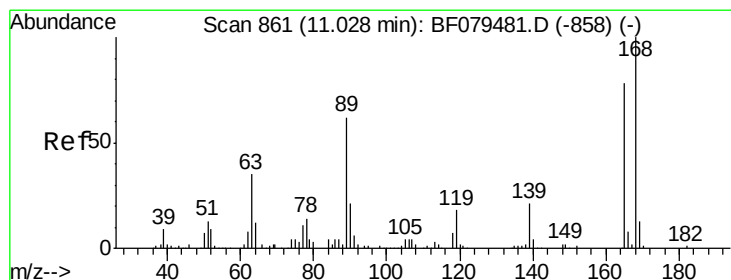
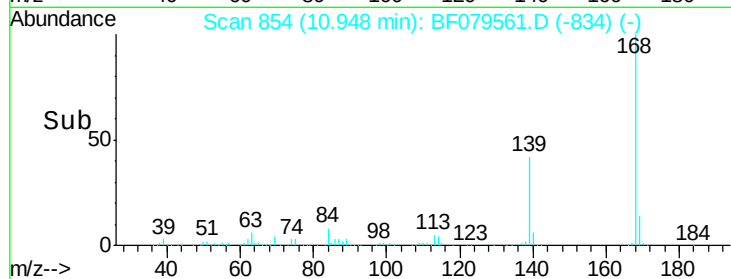
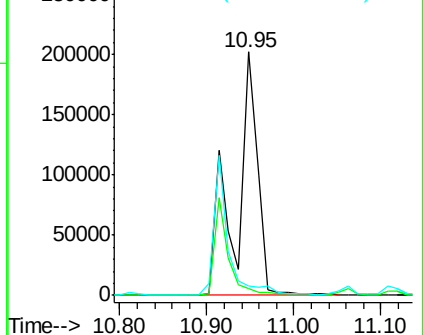
#55
4-Nitrophenol
Concen: 192.61 ng
RT: 10.95 min Scan# 854
Delta R.T. 0.03 min
Lab File: BF079561.D
Acq: 29 May 2015 15:35

Instrument :
BNA_F
ClientSampleId :
PB83625BS

Tgt Ion:139 Resp: 351730
Ion Ratio Lower Upper
139 100
109 2.6 42.8 82.8#
65 3.9 66.3 106.3#



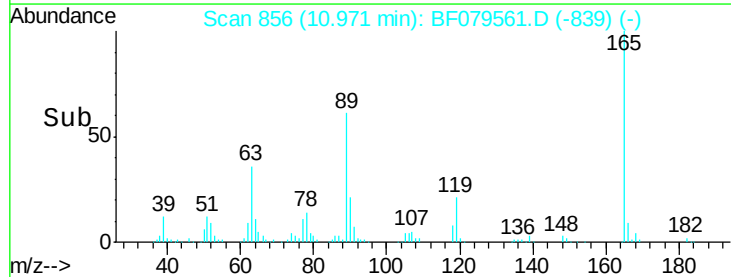
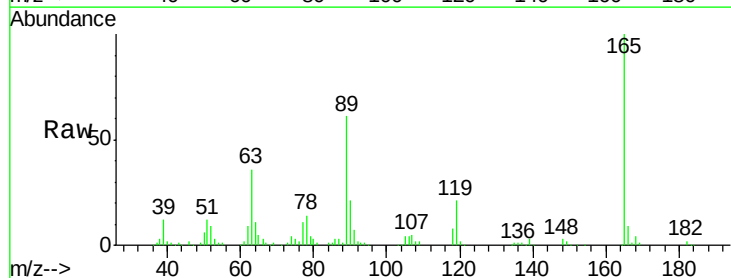
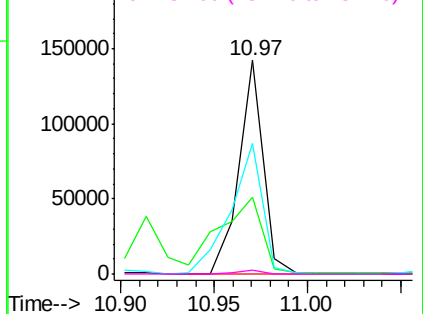
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

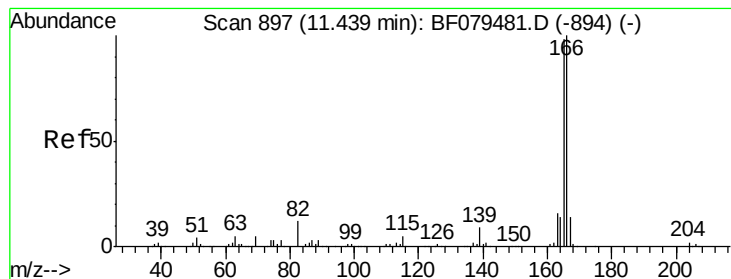


#56
2,4-Dinitrotoluene
Concen: 37.97 ng
RT: 10.97 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF079561.D
Acq: 29 May 2015 15:35

Tgt Ion:165 Resp: 128926
Ion Ratio Lower Upper
165 100
63 35.9 39.5 59.3#
89 61.1 64.2 96.4#
182 2.0 1.5 2.3

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 35.33 ng

RT: 11.37 min Scan# 891

Delta R.T. -0.00 min

Lab File: BF079561.D

Acq: 29 May 2015 15:35

Instrument :

BNA_F

ClientSampleId :

PB83625BS

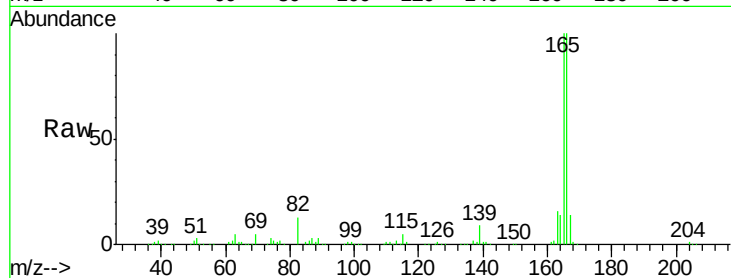
Tgt Ion:166 Resp: 432486

Ion Ratio Lower Upper

166 100

165 100.2 78.6 117.8

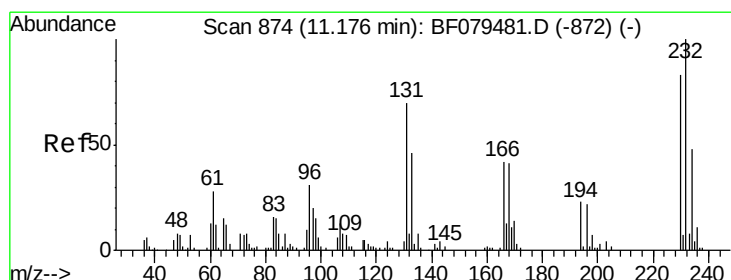
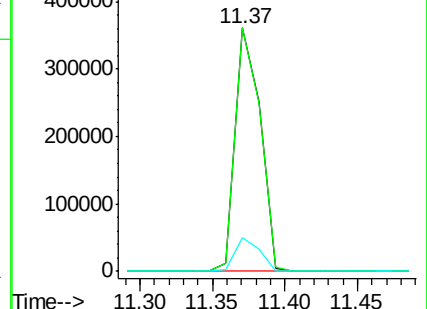
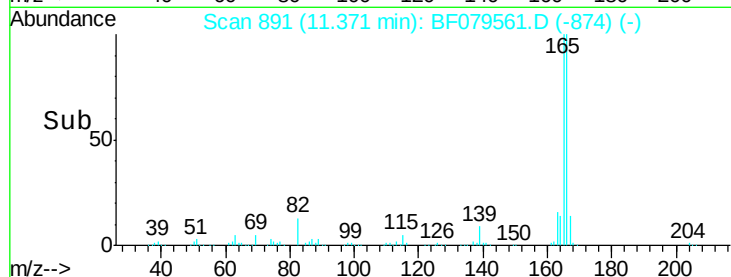
167 14.1 10.8 16.2



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: 39.46 ng

RT: 11.12 min Scan# 869

Delta R.T. -0.00 min

Lab File: BF079561.D

Acq: 29 May 2015 15:35

Tgt Ion:232 Resp: 96011

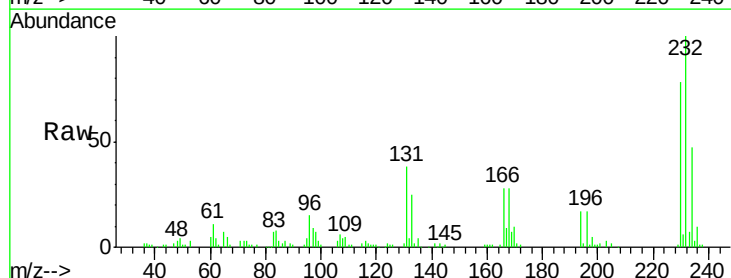
Ion Ratio Lower Upper

232 100

131 48.8 0.0 0.0#

130 2.3 0.0 0.0#

166 32.4 0.0 0.0#

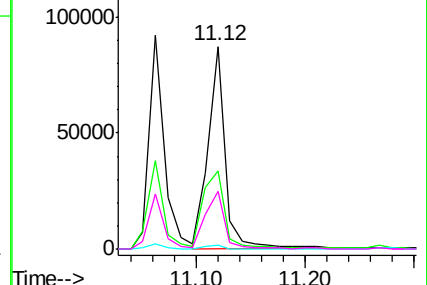
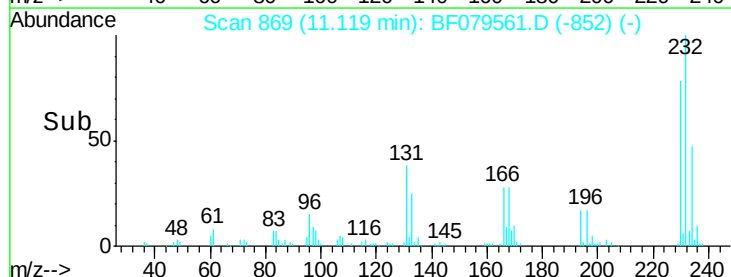


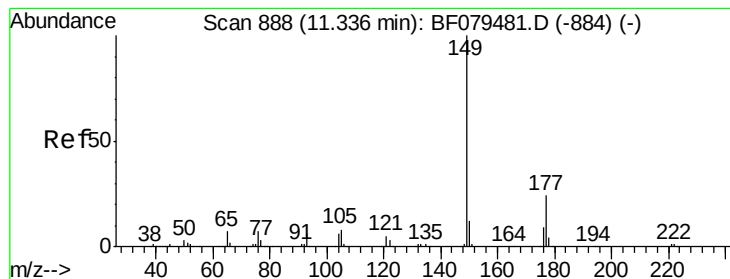
Abundance Ion 232.00 (231.70 to 232.70): E

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: 34.71 ng

RT: 11.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BF079561.D

Acq: 29 May 2015 15:35

Instrument :

BNA_F

ClientSampleId :

PB83625BS

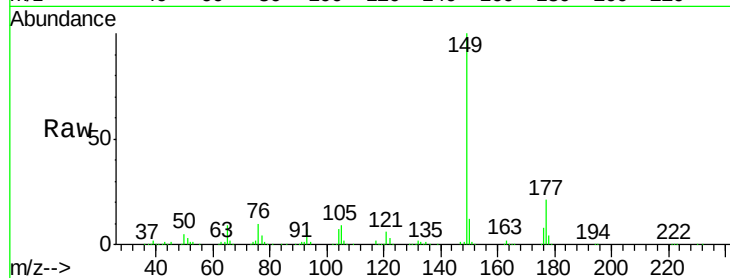
Tgt Ion:149 Resp: 430601

Ion Ratio Lower Upper

149 100

177 21.1 18.9 28.3

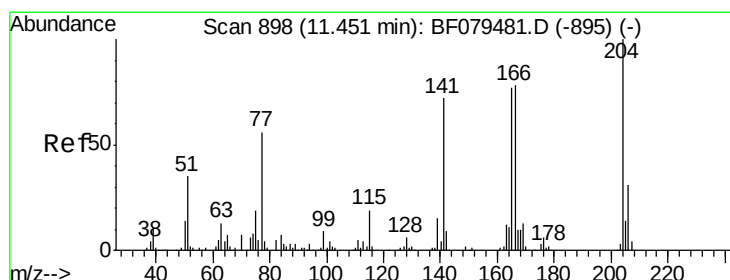
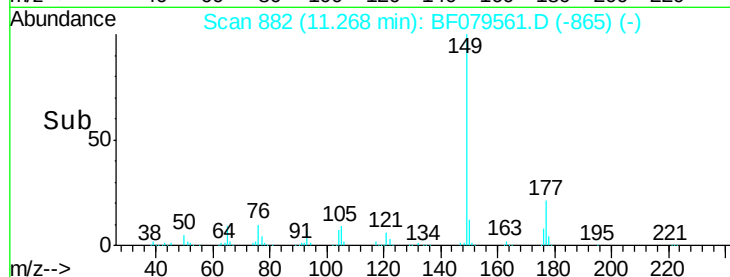
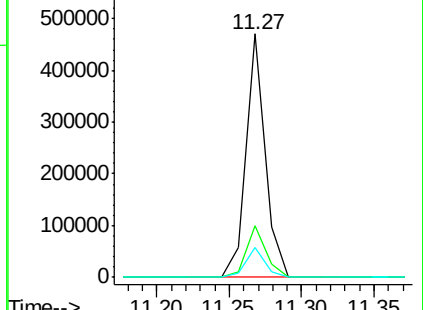
150 12.5 9.8 14.6



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: 36.77 ng

RT: 11.39 min Scan# 893

Delta R.T. -0.00 min

Lab File: BF079561.D

Acq: 29 May 2015 15:35

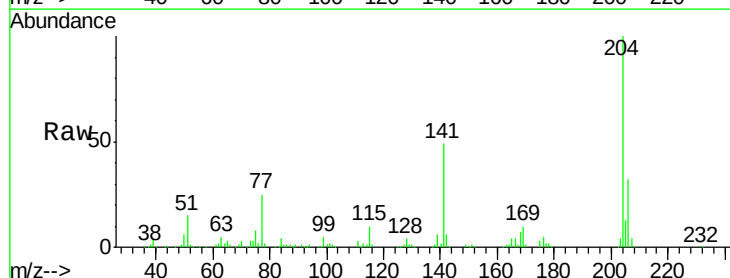
Tgt Ion:204 Resp: 194504

Ion Ratio Lower Upper

204 100

206 32.3 25.0 37.4

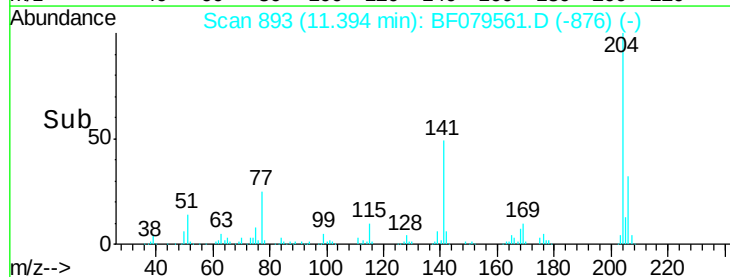
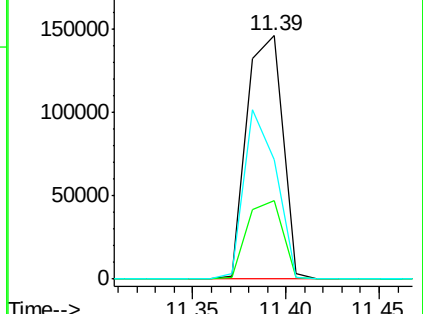
141 49.1 57.4 86.2#

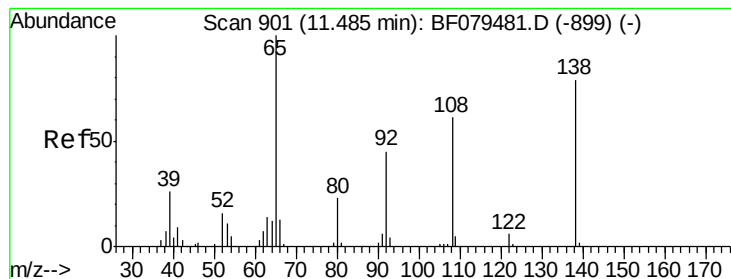


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 34.00 ng

RT: 11.43 min Scan# 896

Delta R.T. -0.00 min

Lab File: BF079561.D

Acq: 29 May 2015 15:35

Instrument :

BNA_F

ClientSampleId :

PB83625BS

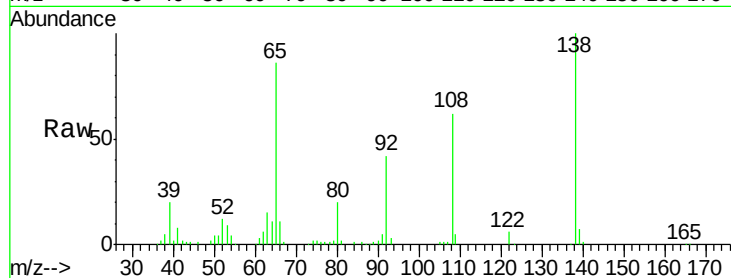
Tgt Ion:138 Resp: 104305

Ion Ratio Lower Upper

138 100

92 41.6 37.2 77.2

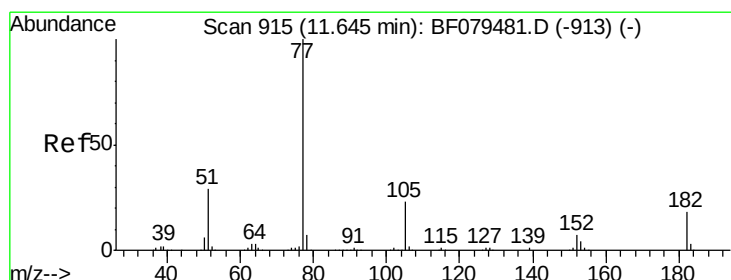
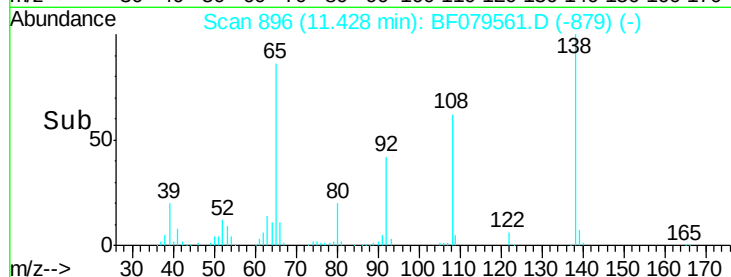
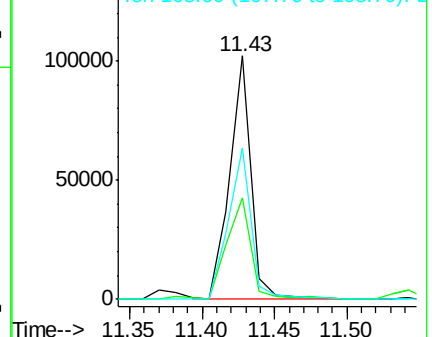
108 62.0 57.0 97.0



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: 38.62 ng

RT: 11.59 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF079561.D

Acq: 29 May 2015 15:35

Tgt Ion: 77 Resp: 465950

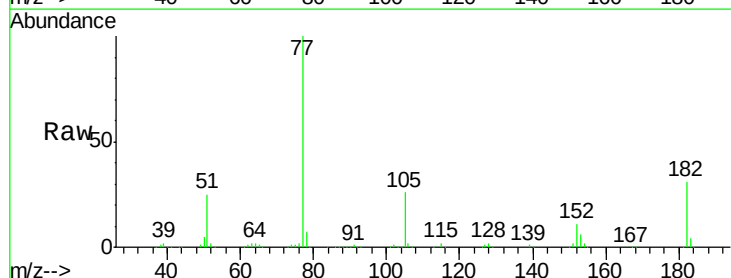
Ion Ratio Lower Upper

77 100

182 31.1 0.0 37.7

105 26.3 2.7 42.7

51 25.5 8.9 48.9

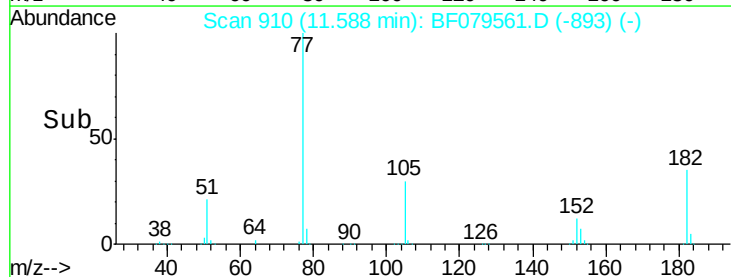
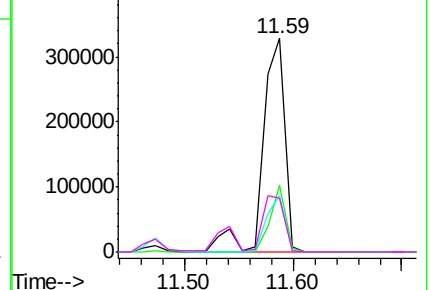


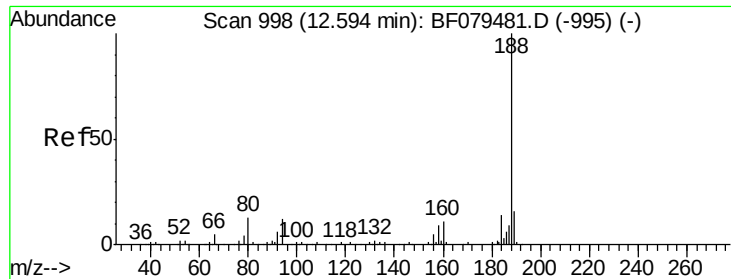
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

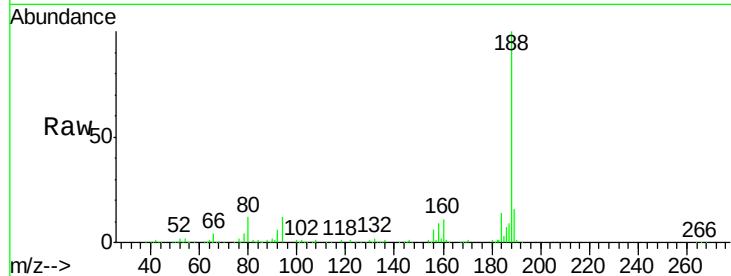




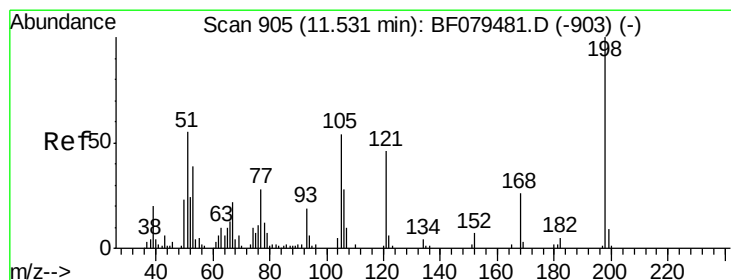
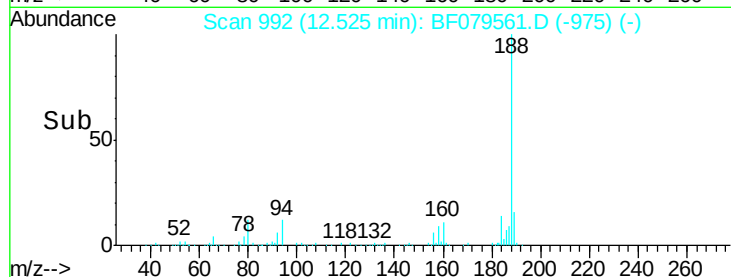
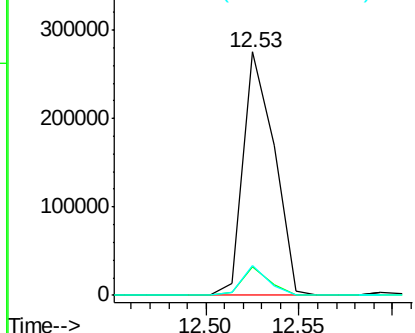
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.53 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: BF079561.D
 Acq: 29 May 2015 15:35

Instrument :
 BNA_F
 ClientSampleId :
 PB83625BS

Tgt Ion:188 Resp: 318913
 Ion Ratio Lower Upper
 188 100
 94 11.5 9.8 14.6
 80 12.1 10.5 15.7

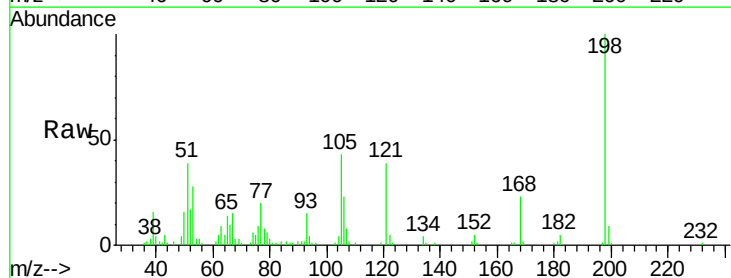


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

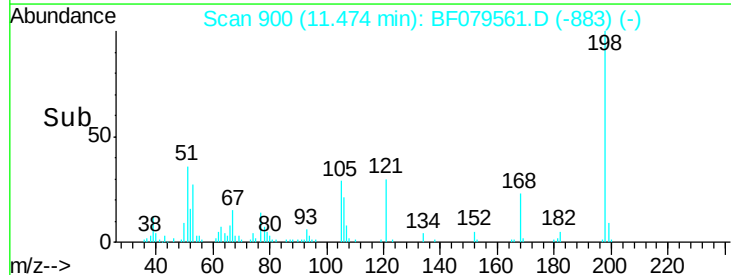
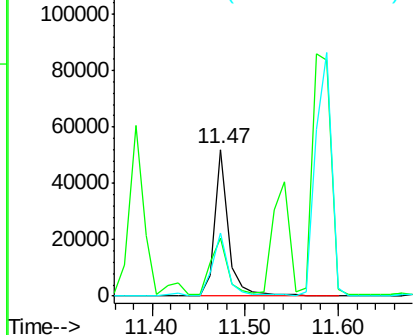


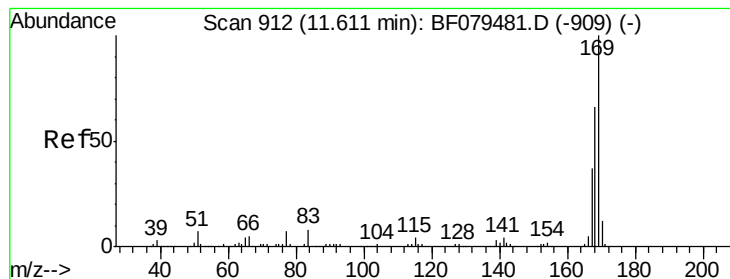
#64
 4,6-Dinitro-2-methylphenol
 Concen: 34.99 ng
 RT: 11.47 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF079561.D
 Acq: 29 May 2015 15:35

Tgt Ion:198 Resp: 52830
 Ion Ratio Lower Upper
 198 100
 51 39.2 36.0 76.0
 105 42.7 34.1 74.1



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: 36.52 ng

RT: 11.54 min Scan# 906

Delta R.T. -0.00 min

Lab File: BF079561.D

Acq: 29 May 2015 15:35

Instrument :

BNA_F

ClientSampleId :

PB83625BS

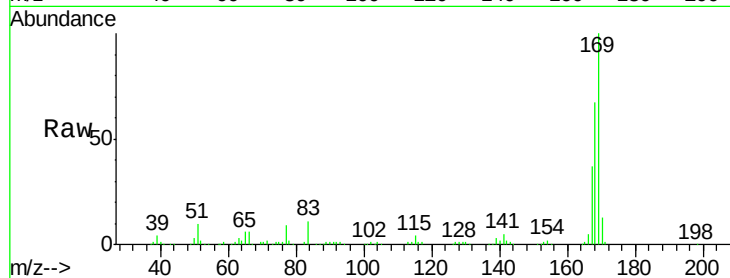
Tgt Ion:169 Resp: 386857

Ion Ratio Lower Upper

169 100

168 66.6 53.1 79.7

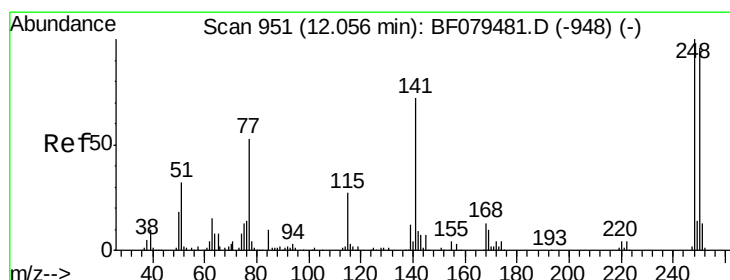
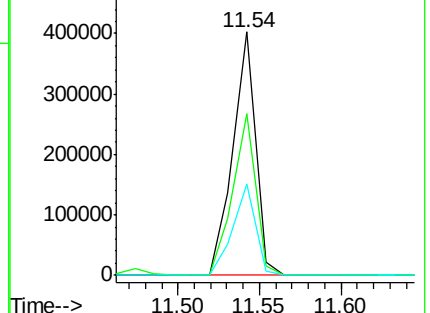
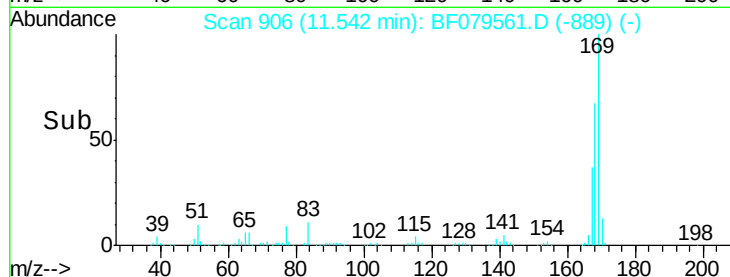
167 37.4 29.9 44.9



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: 37.56 ng

RT: 11.99 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF079561.D

Acq: 29 May 2015 15:35

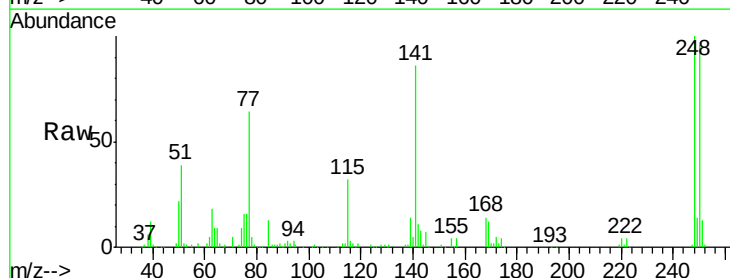
Tgt Ion:248 Resp: 123343

Ion Ratio Lower Upper

248 100

250 95.9 76.8 115.2

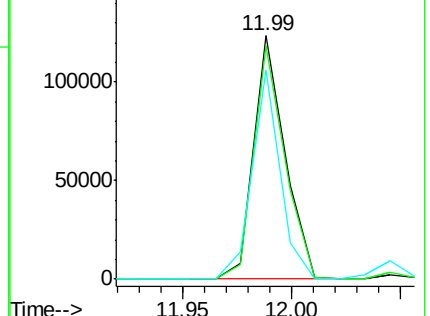
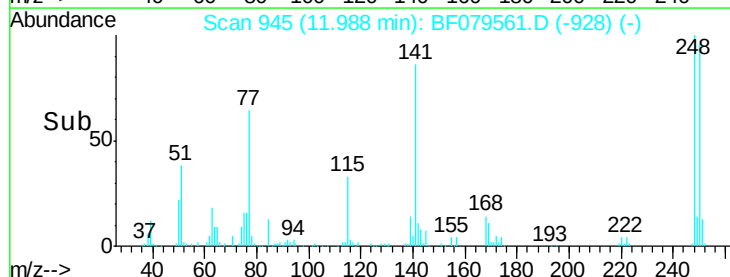
141 86.0 57.7 86.5

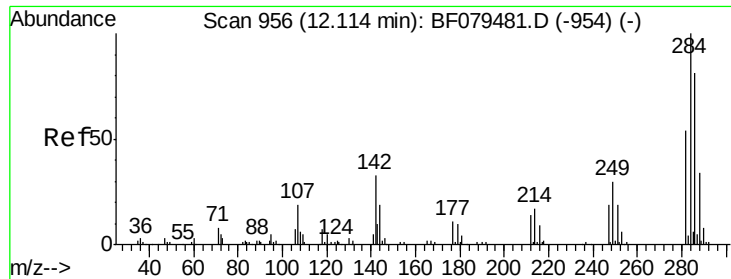


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

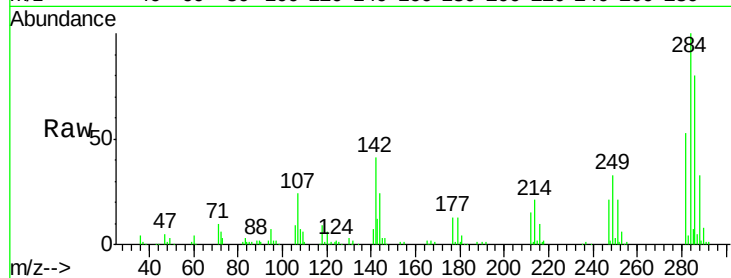




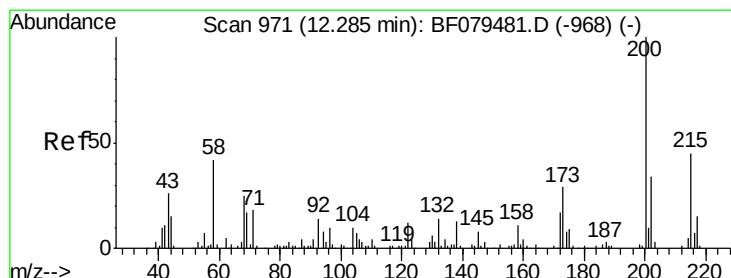
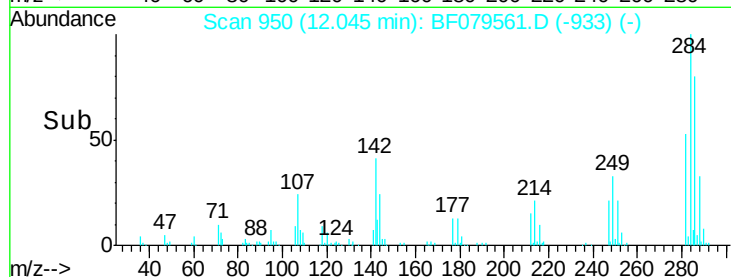
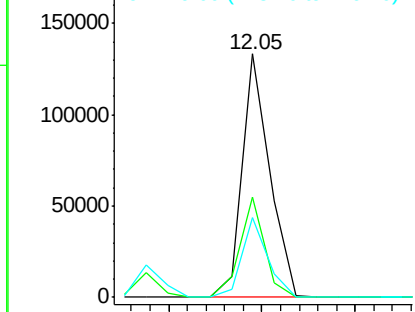
#67
Hexachlorobenzene
Concen: 36.33 ng
RT: 12.05 min Scan# 950
Delta R.T. -0.00 min
Lab File: BF079561.D
Acq: 29 May 2015 15:35

Instrument :
BNA_F
ClientSampleId :
PB83625BS

Tgt Ion:284 Resp: 136017
Ion Ratio Lower Upper
284 100
142 41.4 26.2 39.2#
249 32.7 24.3 36.5

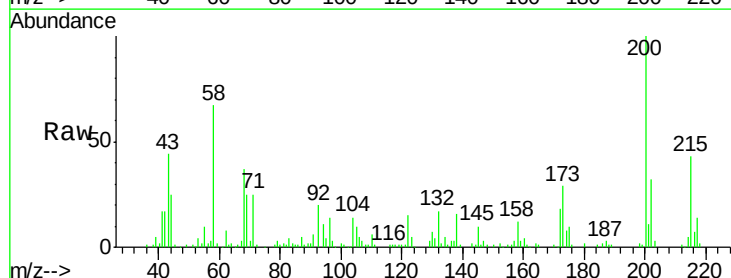


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

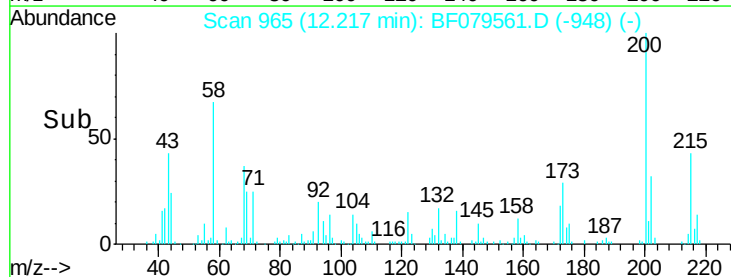
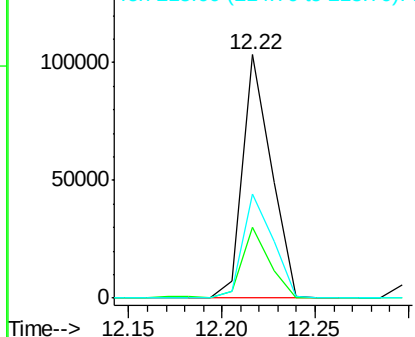


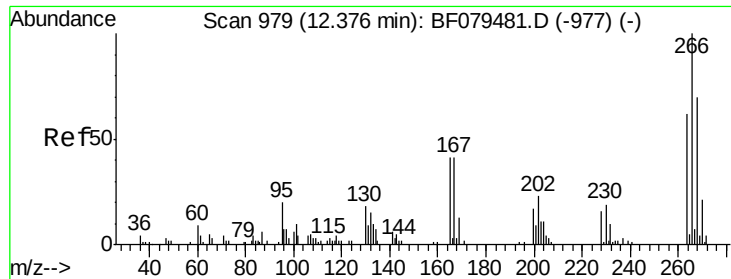
#68
Atrazine
Concen: 38.42 ng
RT: 12.22 min Scan# 965
Delta R.T. -0.00 min
Lab File: BF079561.D
Acq: 29 May 2015 15:35

Tgt Ion:200 Resp: 109940
Ion Ratio Lower Upper
200 100
173 29.2 9.4 49.4
215 43.0 25.3 65.3



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

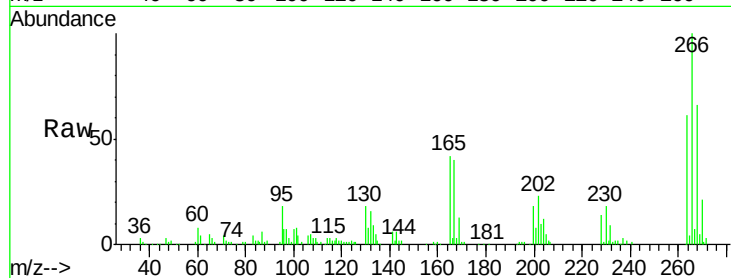




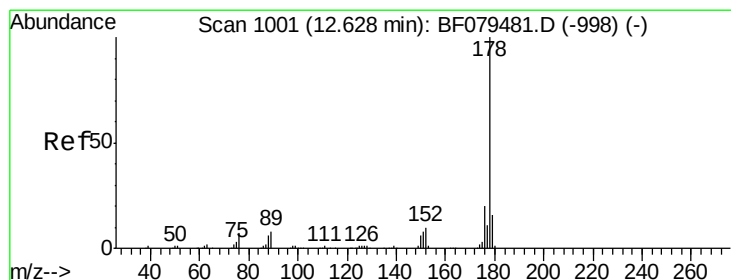
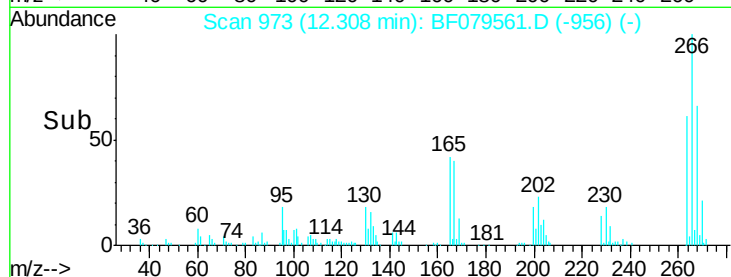
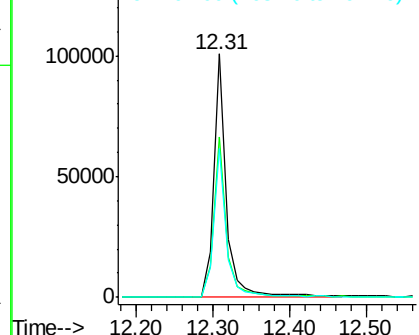
#69
 Pentachlorophenol
 Concen: 79.98 ng
 RT: 12.31 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: BF079561.D
 Acq: 29 May 2015 15:35

Instrument :
 BNA_F
 ClientSampleId :
 PB83625BS

Tgt Ion:266 Resp: 114715
 Ion Ratio Lower Upper
 266 100
 268 66.0 56.1 84.1
 264 61.3 50.0 75.0

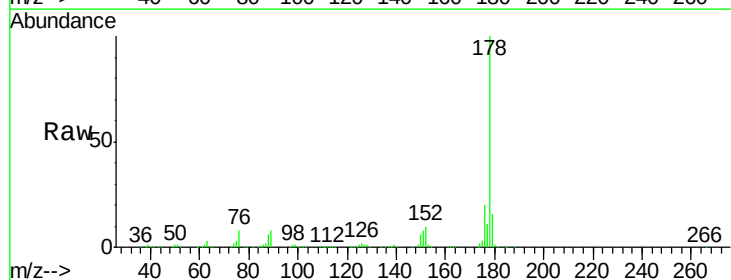


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

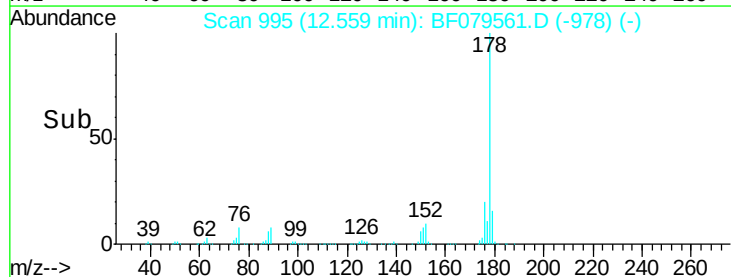
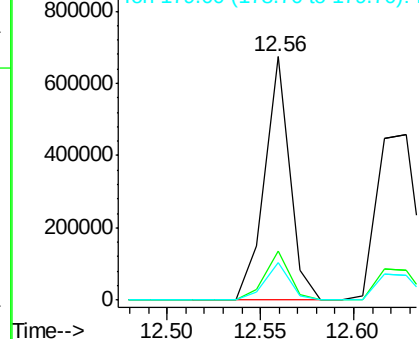


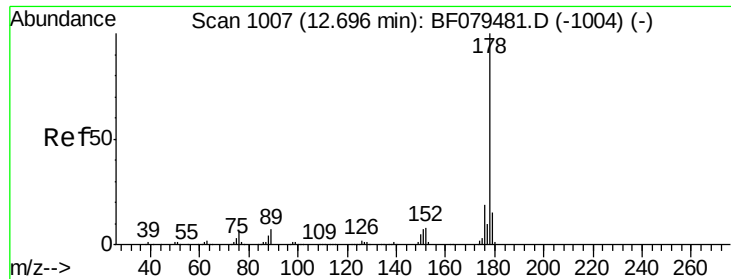
#70
 Phenanthrene
 Concen: 35.74 ng
 RT: 12.56 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: BF079561.D
 Acq: 29 May 2015 15:35

Tgt Ion:178 Resp: 625235
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.7 23.5
 179 15.7 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

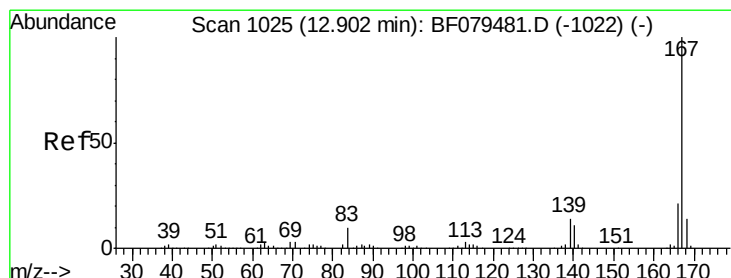
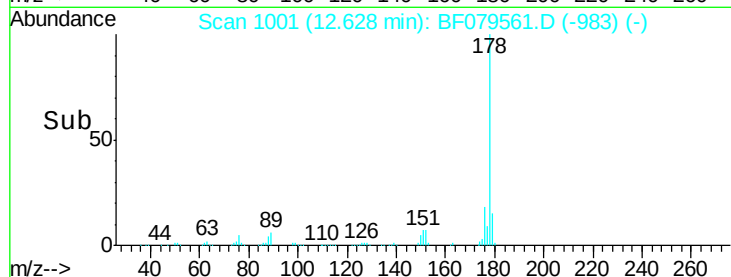
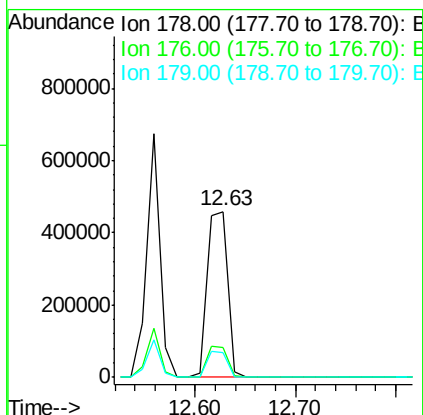
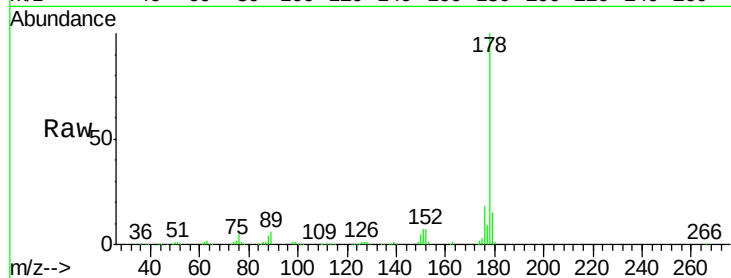




#71
 Anthracene
 Concen: 36.27 ng
 RT: 12.63 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: BF079561.D
 Acq: 29 May 2015 15:35

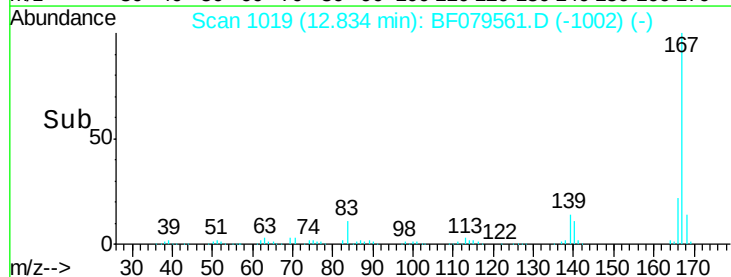
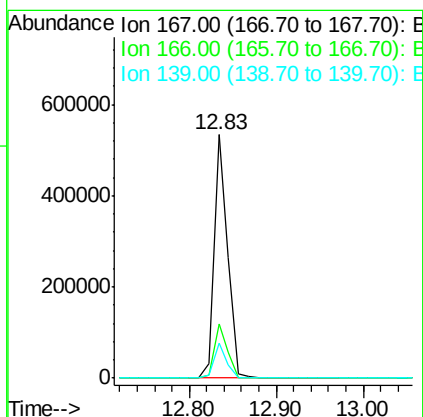
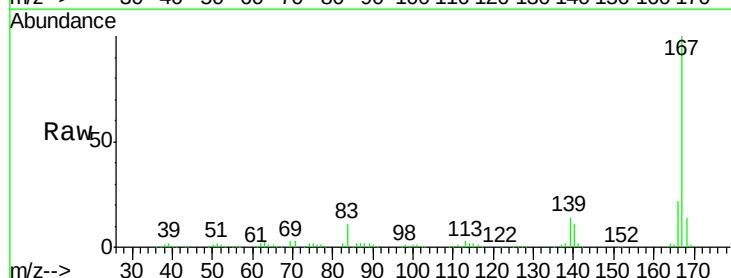
Instrument :
 BNA_F
 ClientSampleId :
 PB83625BS

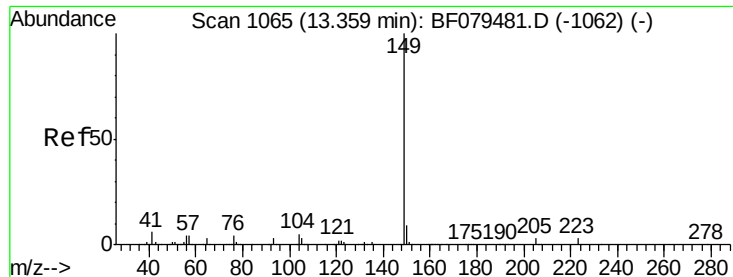
Tgt Ion:178 Resp: 644275
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.3 22.9
 179 14.8 12.2 18.4



#72
 Carbazole
 Concen: 34.17 ng
 RT: 12.83 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BF079561.D
 Acq: 29 May 2015 15:35

Tgt Ion:167 Resp: 584318
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.0 25.4
 139 14.5 11.2 16.8





#73

Di-n-butylphthalate

Concen: 35.73 ng

RT: 13.29 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BF079561.D

Acq: 29 May 2015 15:35

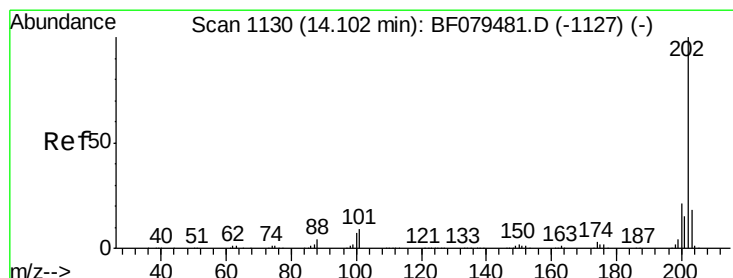
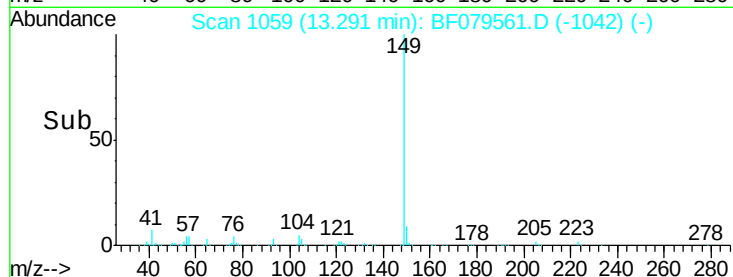
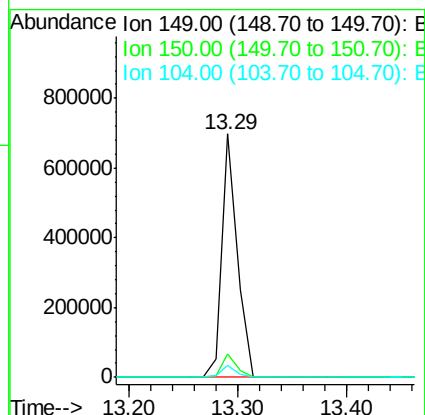
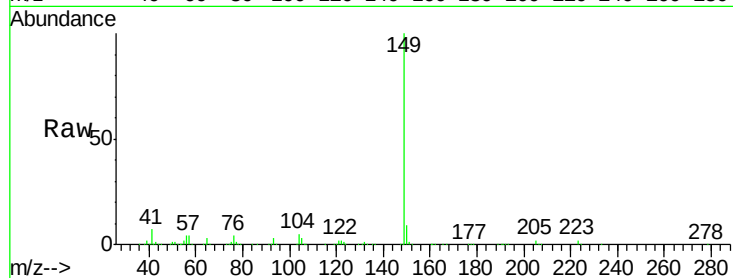
Instrument :

BNA_F

ClientSampleId :

PB83625BS

Tgt Ion:	149	Resp:	691135
Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.5	11.3
104	4.9	3.6	5.4



#74

Fluoranthene

Concen: 34.22 ng

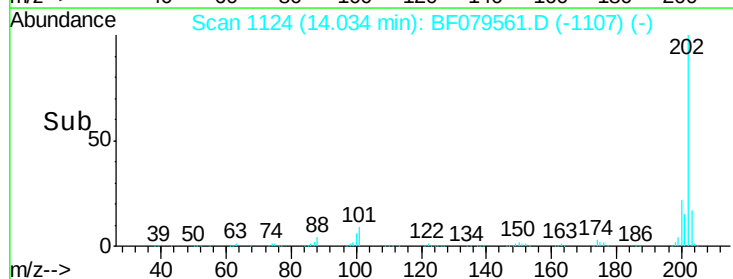
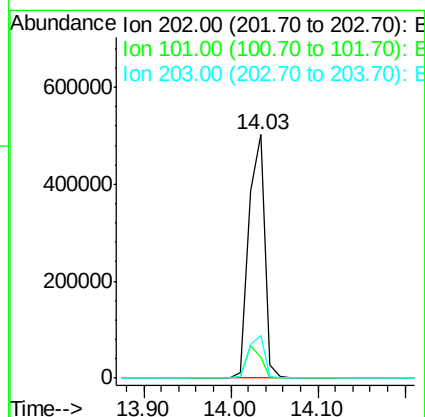
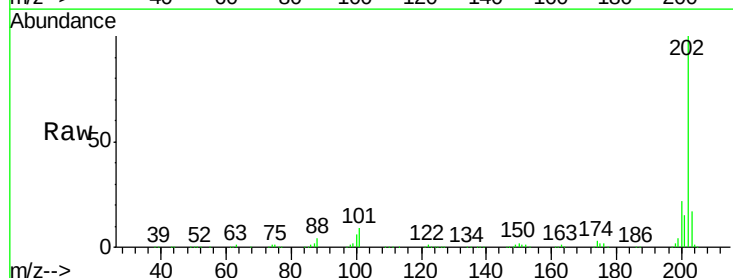
RT: 14.03 min Scan# 1124

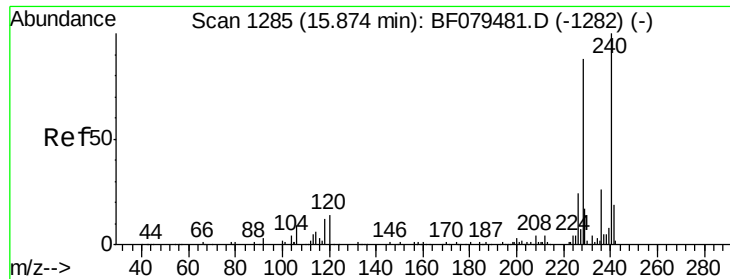
Delta R.T. -0.00 min

Lab File: BF079561.D

Acq: 29 May 2015 15:35

Tgt Ion:	202	Resp:	642091
Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	29.3
203	17.4	0.0	37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.89 min Scan# 1286

Delta R.T. 0.01 min

Lab File: BF079561.D

Acq: 29 May 2015 15:35

Instrument :

BNA_F

ClientSampleId :

PB83625BS

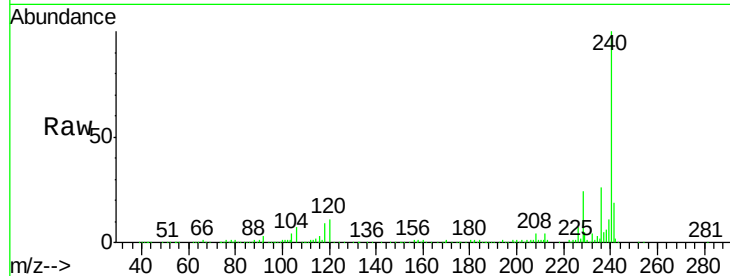
Tgt Ion:240 Resp: 296125

Ion Ratio Lower Upper

240 100

120 10.6 10.8 16.2#

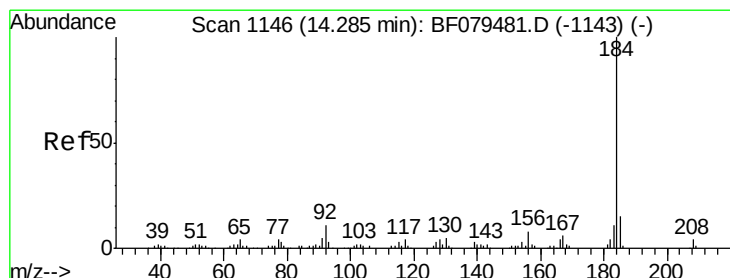
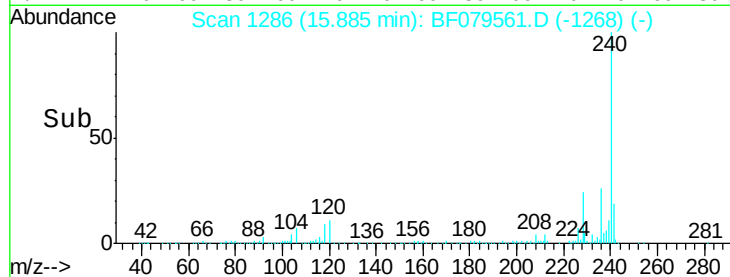
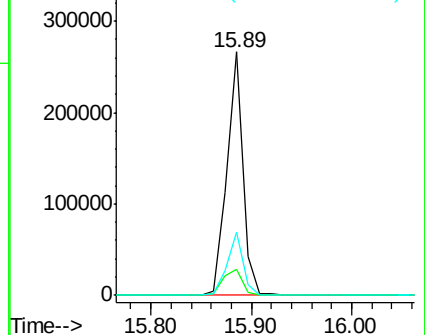
236 25.9 21.0 31.6



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: 44.17 ng

RT: 14.22 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BF079561.D

Acq: 29 May 2015 15:35

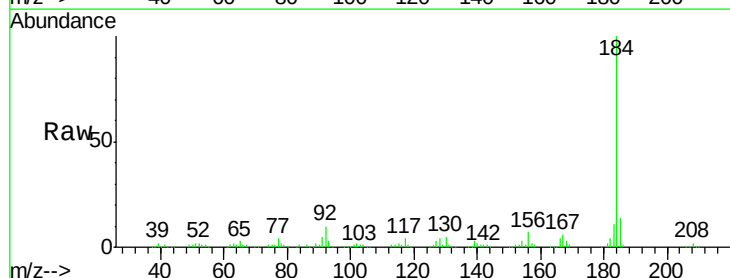
Tgt Ion:184 Resp: 280129

Ion Ratio Lower Upper

184 100

185 14.5 12.1 18.1

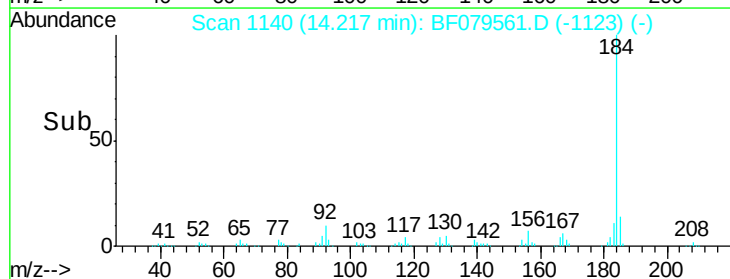
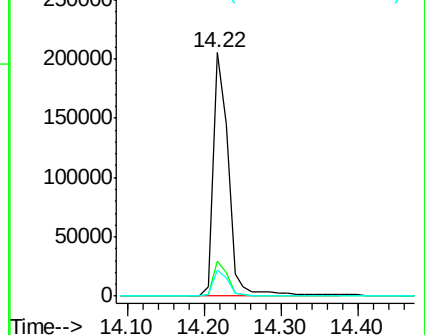
183 10.8 8.6 12.8

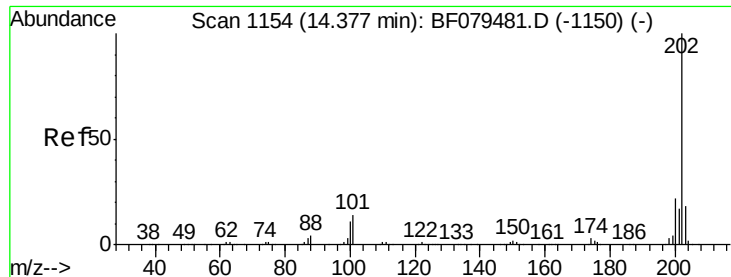


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

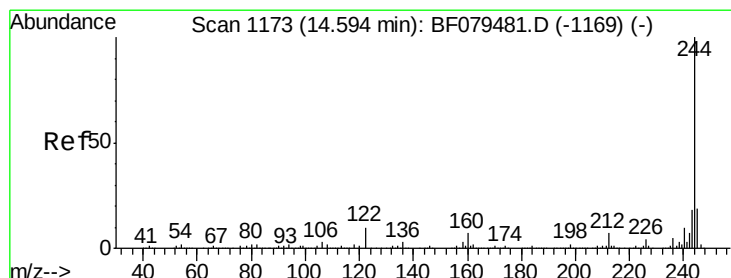
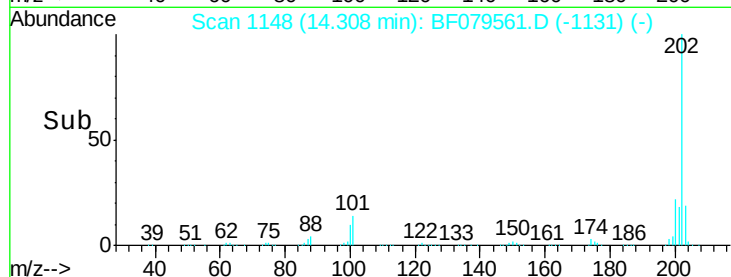
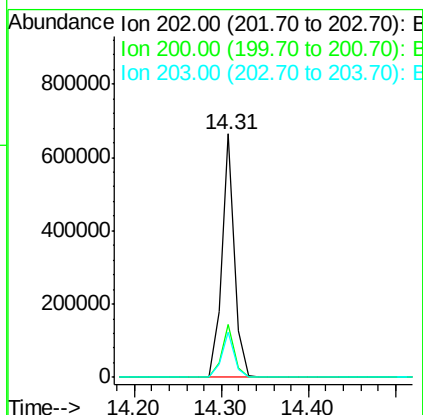
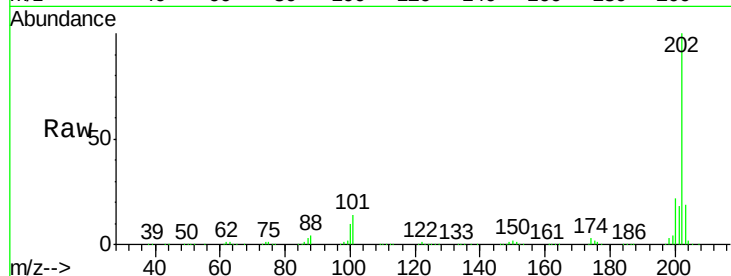




#77
 Pyrene
 Concen: 36.72 ng
 RT: 14.31 min Scan# 1148
 Delta R.T. -0.00 min
 Lab File: BF079561.D
 Acq: 29 May 2015 15:35

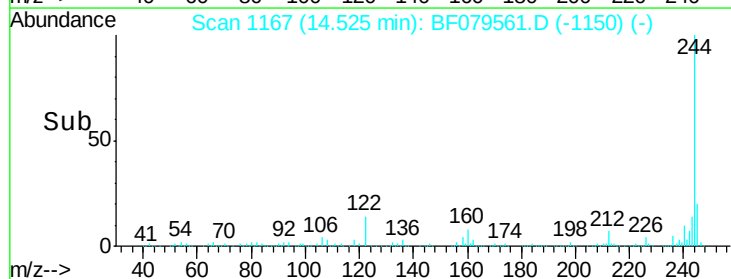
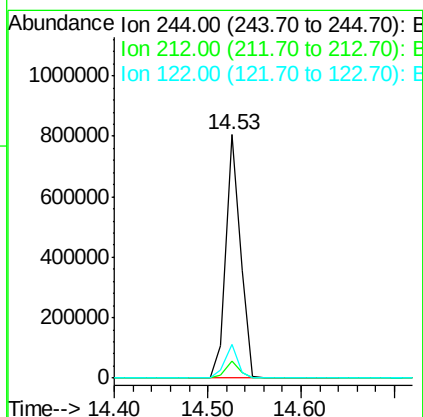
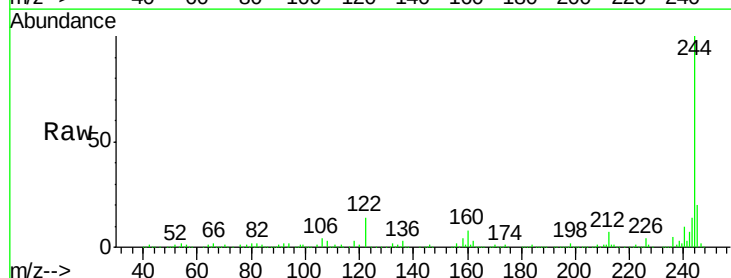
Instrument :
 BNA_F
 ClientSampleId :
 PB83625BS

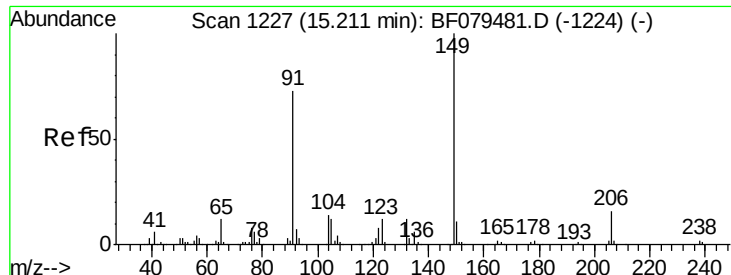
Tgt Ion: 202 Resp: 673749
 Ion Ratio Lower Upper
 202 100
 200 21.8 17.5 26.3
 203 18.5 14.4 21.6



#78
 Terphenyl-d14
 Concen: 69.71 ng
 RT: 14.53 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BF079561.D
 Acq: 29 May 2015 15:35

Tgt Ion: 244 Resp: 879661
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.2 7.8
 122 14.0 8.0 12.0#

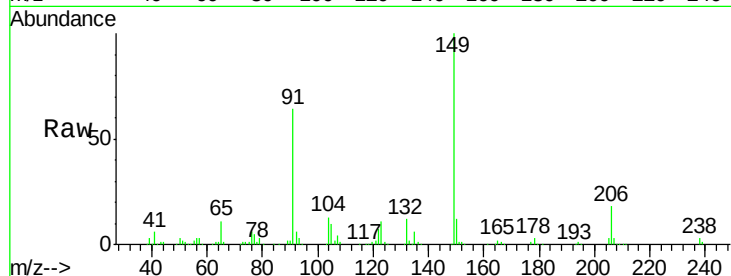




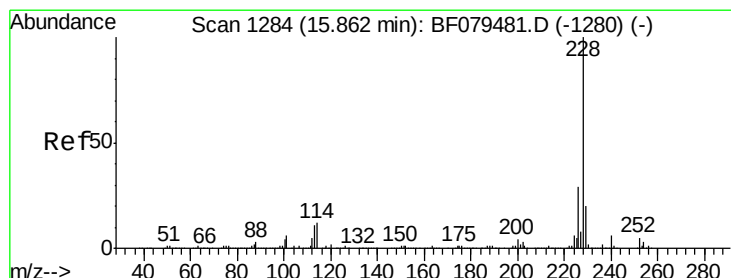
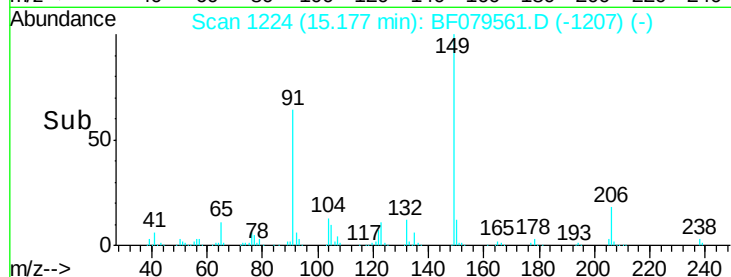
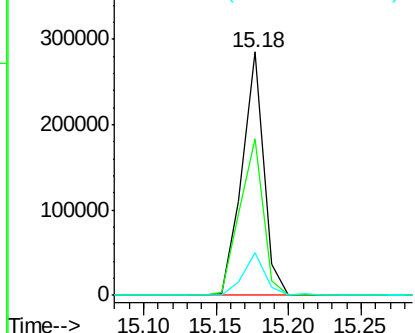
#79
Butylbenzylphthalate
Concen: 36.21 ng
RT: 15.18 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BF079561.D
Acq: 29 May 2015 15:35

Instrument :
BNA_F
ClientSampleId :
PB83625BS

Tgt Ion:149 Resp: 298748
Ion Ratio Lower Upper
149 100
91 64.4 58.1 87.1
206 17.5 13.1 19.7

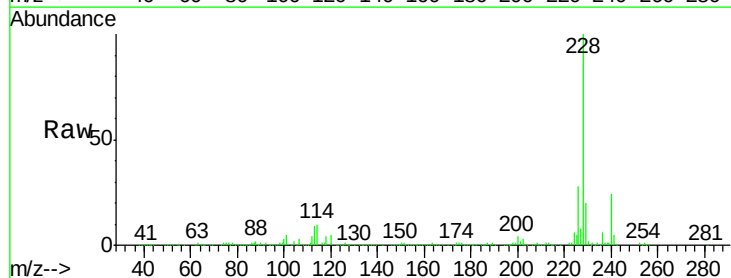


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF079481.D (-1224) (-)
Ion 206.00 (205.70 to 206.70): E

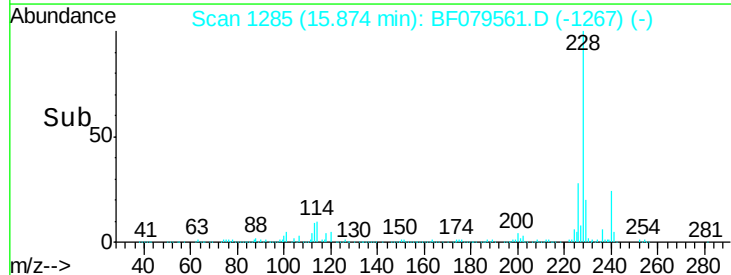
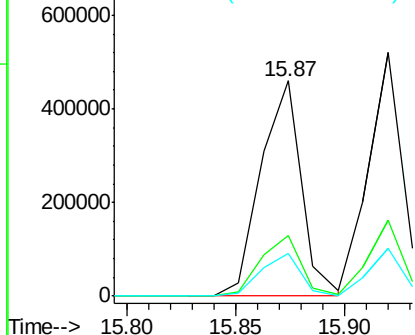


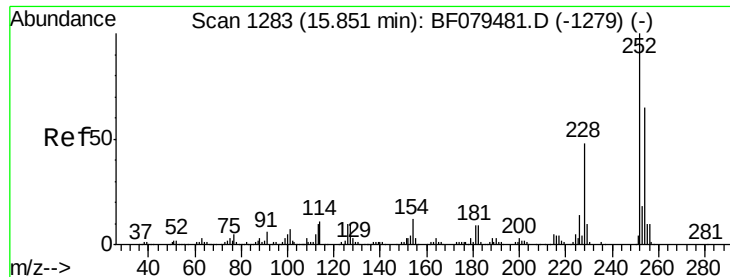
#80
Benzo(a)anthracene
Concen: 35.16 ng
RT: 15.87 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BF079561.D
Acq: 29 May 2015 15:35

Tgt Ion:228 Resp: 598959
Ion Ratio Lower Upper
228 100
226 28.1 22.8 34.2
229 19.8 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

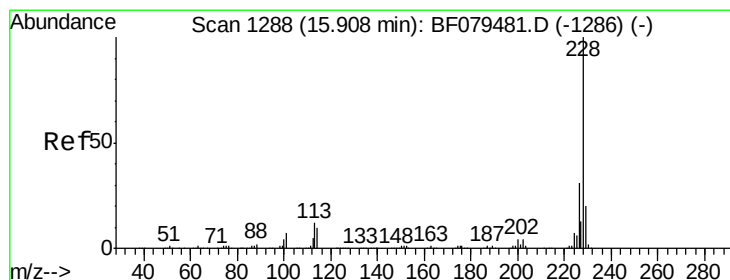
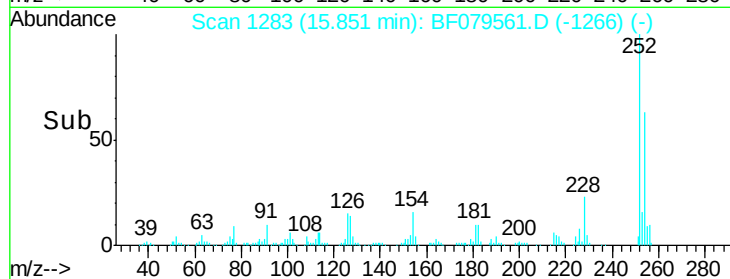
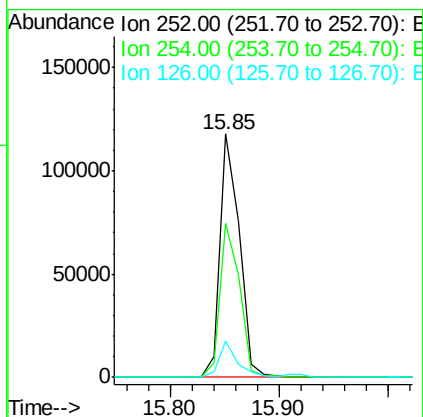
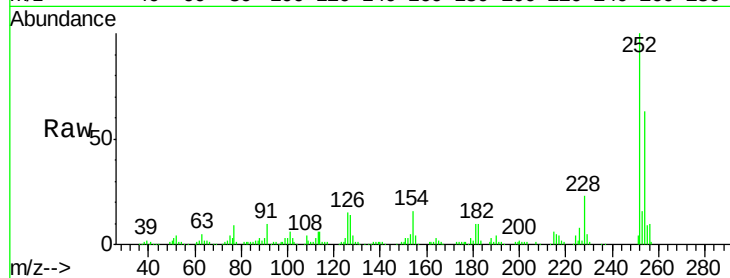




#81
 3,3'-Dichlorobenzidine
 Concen: 23.47 ng
 RT: 15.85 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: BF079561.D
 Acq: 29 May 2015 15:35

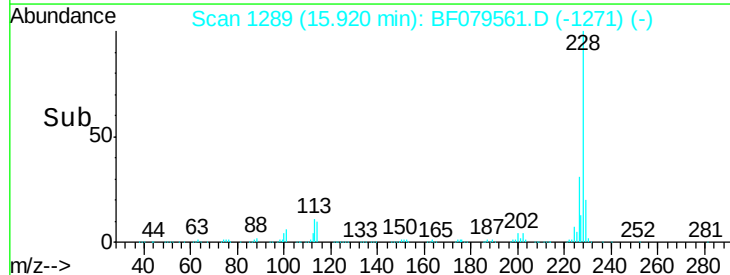
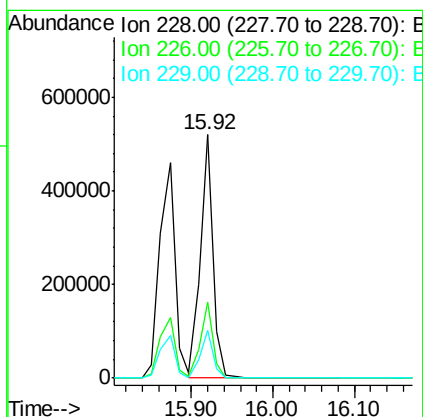
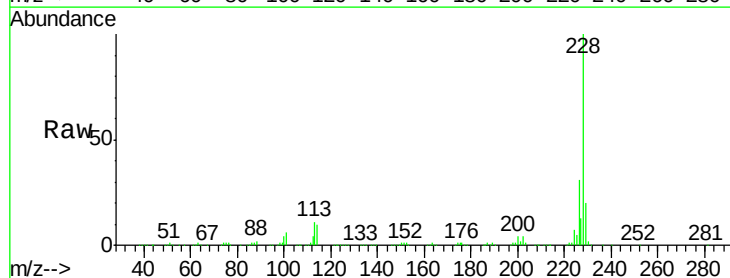
Instrument :
 BNA_F
 ClientSampleId :
 PB83625BS

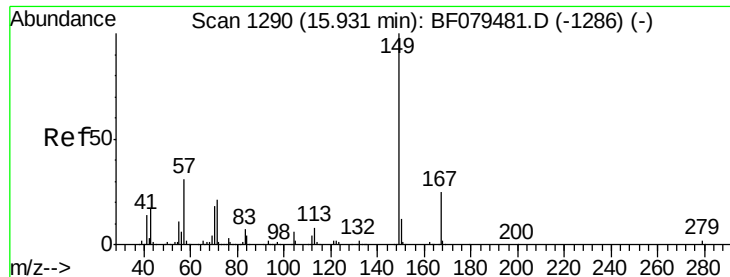
Tgt Ion:252 Resp: 146414
 Ion Ratio Lower Upper
 252 100
 254 63.2 52.1 78.1
 126 14.7 8.2 12.2#



#82
 Chrysene
 Concen: 35.42 ng
 RT: 15.92 min Scan# 1289
 Delta R.T. 0.01 min
 Lab File: BF079561.D
 Acq: 29 May 2015 15:35

Tgt Ion:228 Resp: 573564
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.0 37.4
 229 19.6 15.9 23.9





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.59 ng

RT: 15.97 min Scan# 1293

Delta R.T. 0.01 min

Lab File: BF079561.D

Acq: 29 May 2015 15:35

Instrument :

BNA_F

ClientSampleId :

PB83625BS

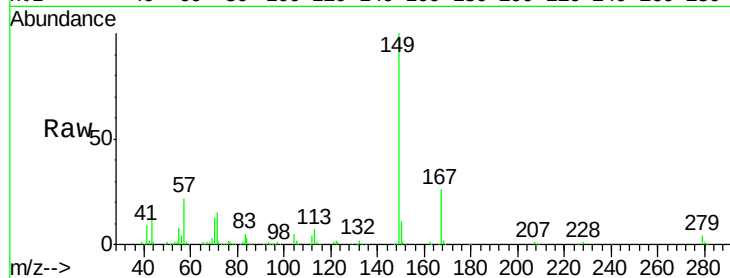
Tgt Ion:149 Resp: 420723

Ion Ratio Lower Upper

149 100

167 26.4 20.2 30.4

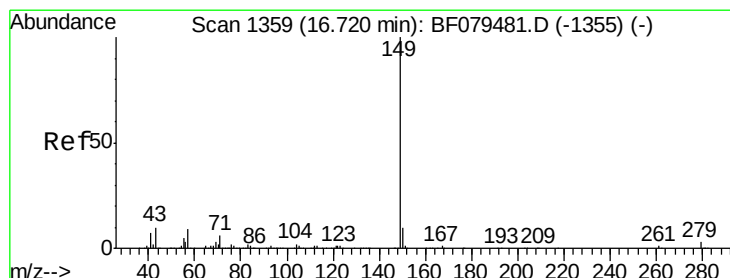
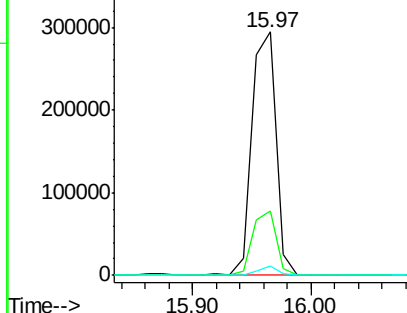
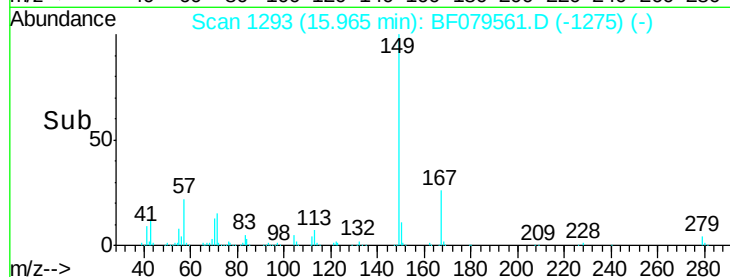
279 4.0 2.0 3.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 34.90 ng

RT: 16.86 min Scan# 1371

Delta R.T. 0.02 min

Lab File: BF079561.D

Acq: 29 May 2015 15:35

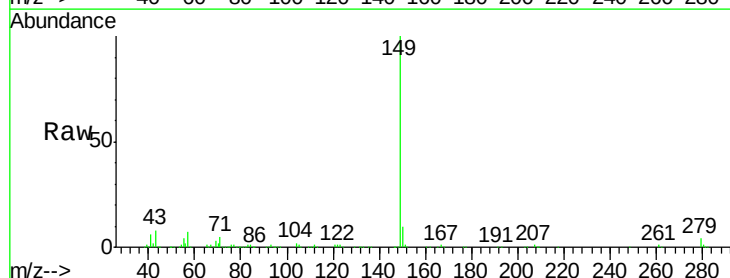
Tgt Ion:149 Resp: 717972

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

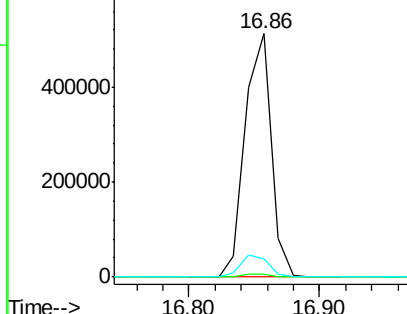
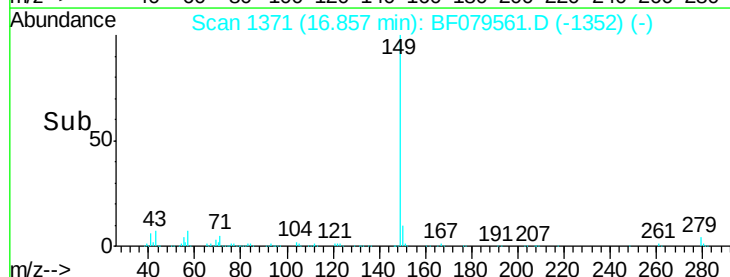
43 9.3 7.8 11.6

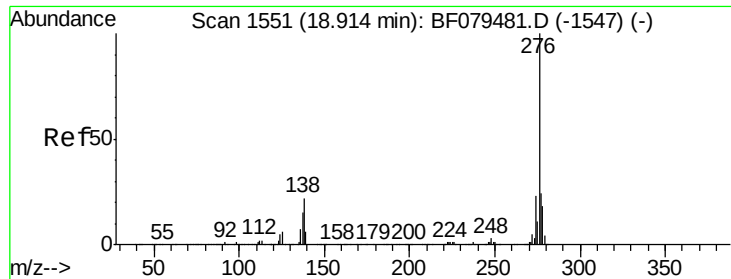


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

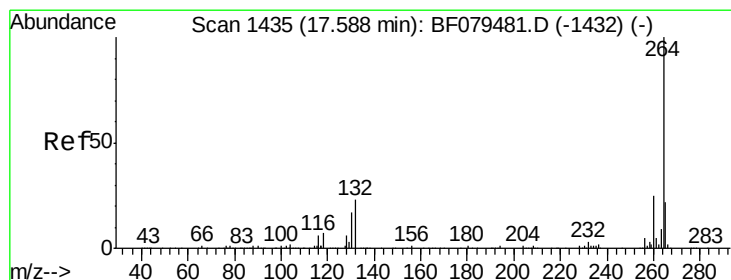
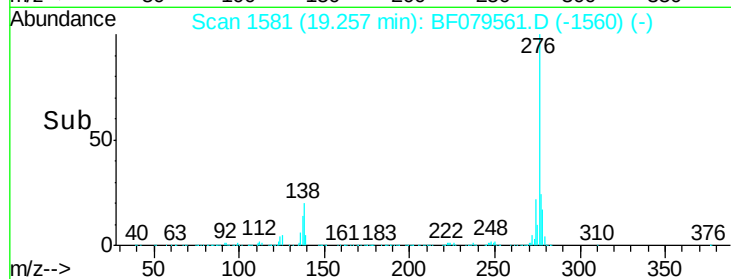
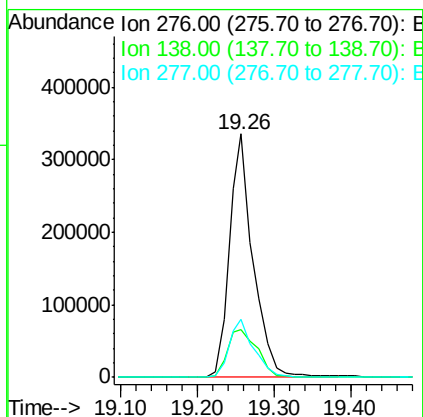
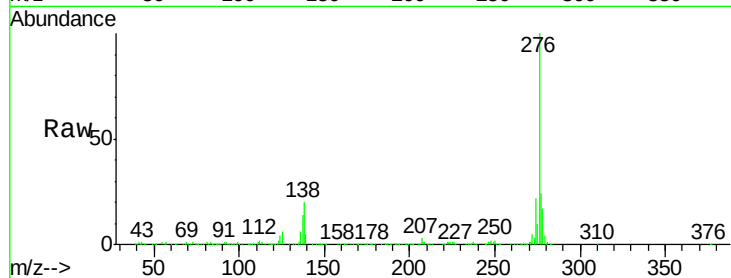




#85
Indeno(1,2,3-cd)pyrene
Concen: 34.91 ng
RT: 19.26 min Scan# 1581
Delta R.T. 0.05 min
Lab File: BF079561.D
Acq: 29 May 2015 15:35

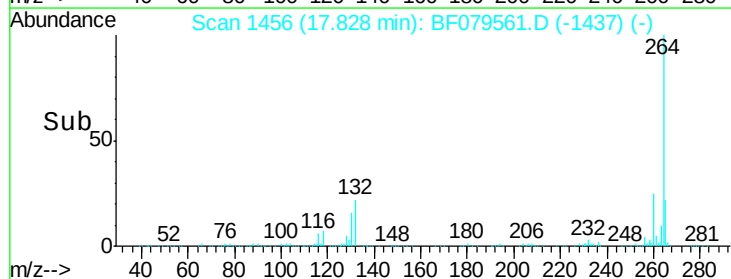
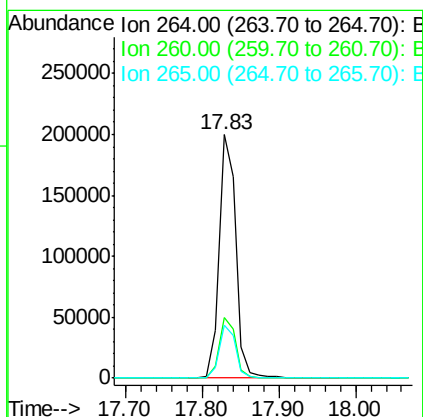
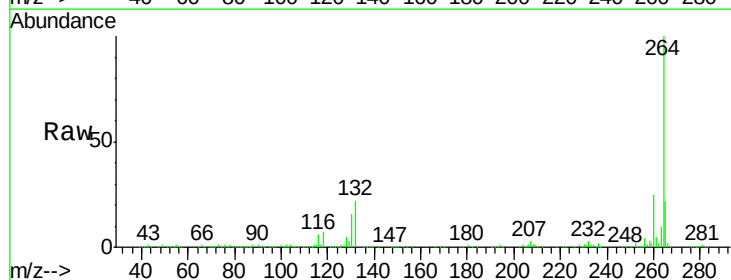
Instrument :
BNA_F
ClientSampleId :
PB83625BS

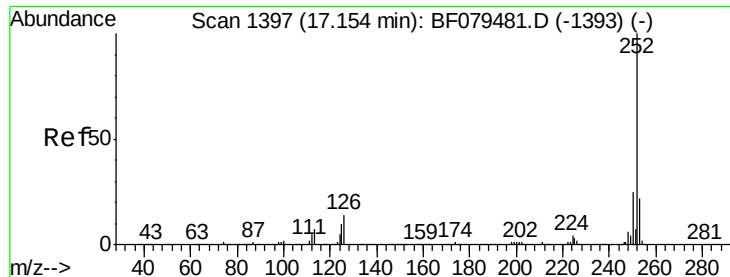
Tgt Ion: 276 Resp: 727168
Ion Ratio Lower Upper
276 100
138 25.4 21.4 32.2
277 25.1 19.8 29.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 17.83 min Scan# 1456
Delta R.T. 0.02 min
Lab File: BF079561.D
Acq: 29 May 2015 15:35

Tgt Ion: 264 Resp: 304432
Ion Ratio Lower Upper
264 100
260 24.8 19.8 29.8
265 21.8 17.8 26.6





#87

Benzo(b)fluoranthene

Concen: 39.26 ng

RT: 17.33 min Scan# 1412

Delta R.T. 0.02 min

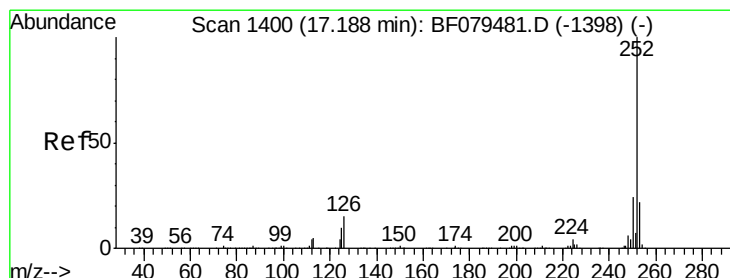
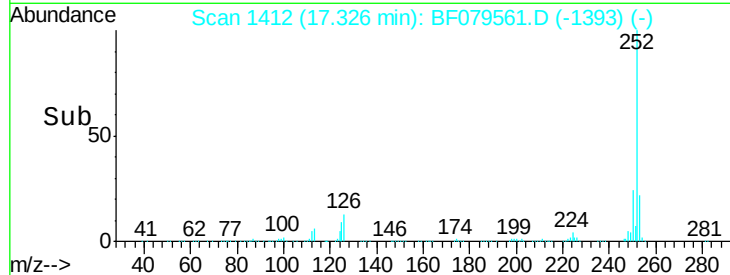
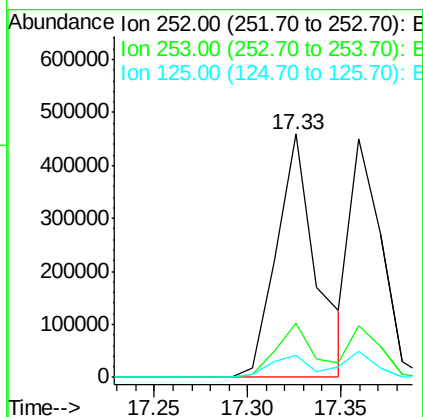
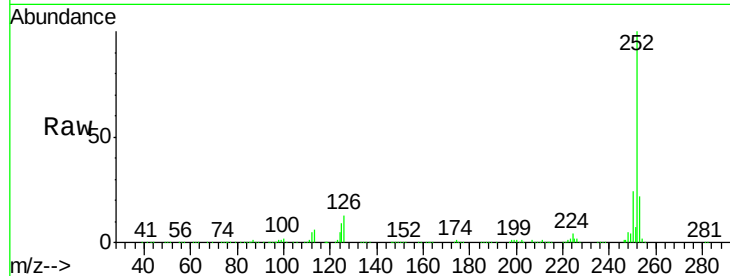
Lab File: BF079561.D

Acq: 29 May 2015 15:35

Instrument :
BNA_F
ClientSampleId :
PB83625BS

Tgt Ion:252 Resp: 681717

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	9.3	7.8	11.6



#88

Benzo(k)fluoranthene

Concen: 43.91 ng

RT: 17.33 min Scan# 1412

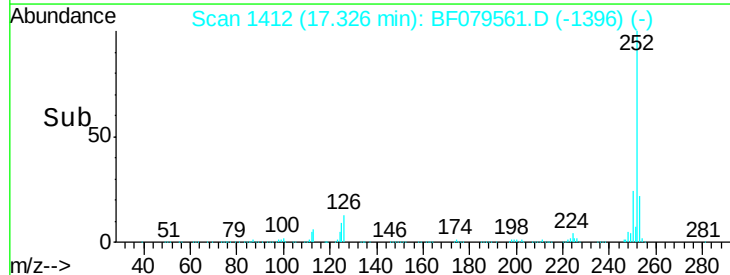
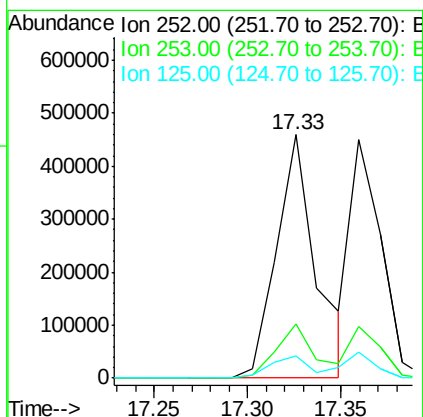
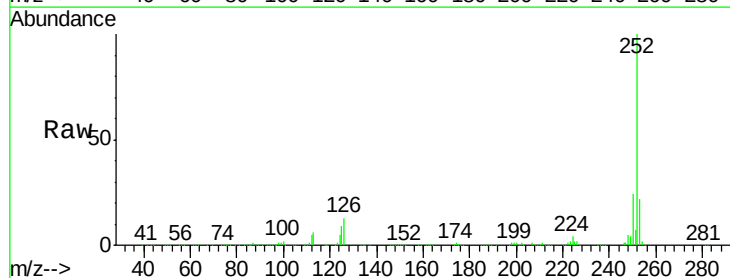
Delta R.T. -0.01 min

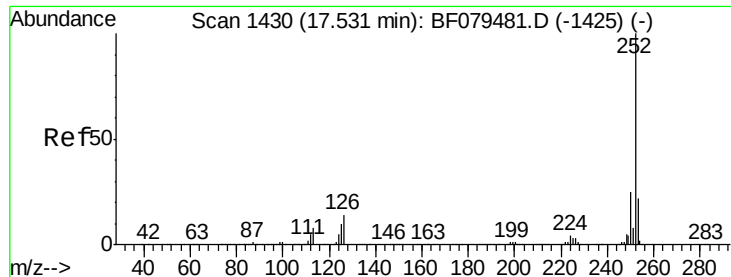
Lab File: BF079561.D

Acq: 29 May 2015 15:35

Tgt Ion:252 Resp: 681717

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	9.3	6.8	10.2





#89

Benzo(a)pyrene

Concen: 38.95 ng

RT: 17.76 min Scan# 1450

Delta R.T. 0.02 min

Lab File: BF079561.D

Acq: 29 May 2015 15:35

Instrument :

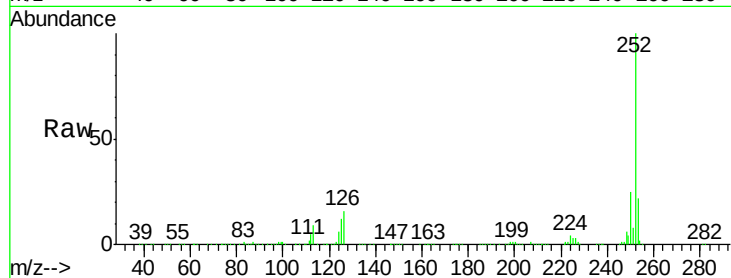
BNA_F

ClientSampleId :

PB83625BS

Tgt Ion:252 Resp: 596990

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	11.5	7.9	11.9

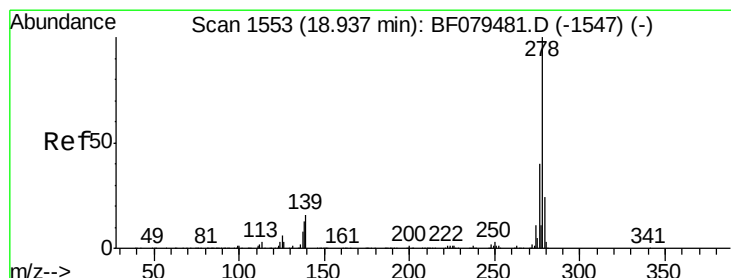
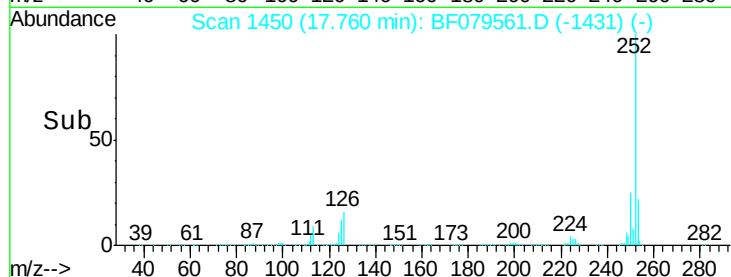
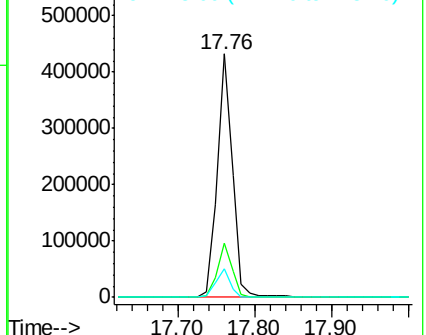


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 37.27 ng

RT: 19.28 min Scan# 1583

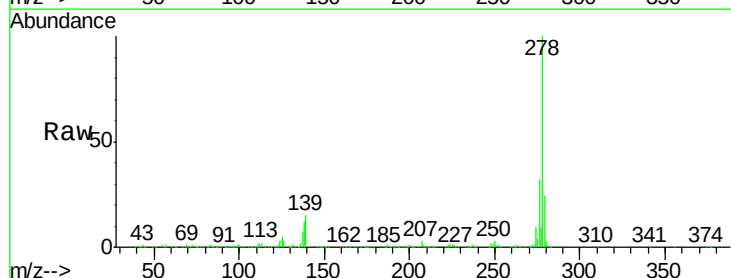
Delta R.T. 0.03 min

Lab File: BF079561.D

Acq: 29 May 2015 15:35

Tgt Ion:278 Resp: 597911

Ion	Ratio	Lower	Upper
278	100		
139	15.3	12.8	19.2
279	23.8	19.1	28.7

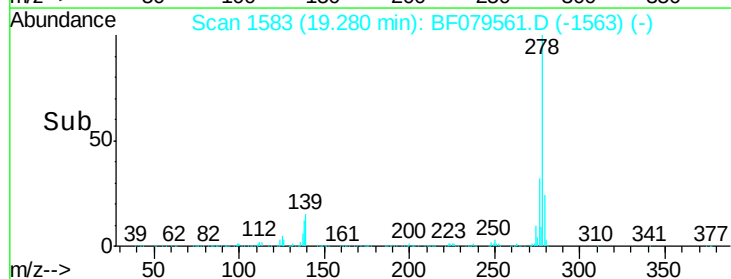
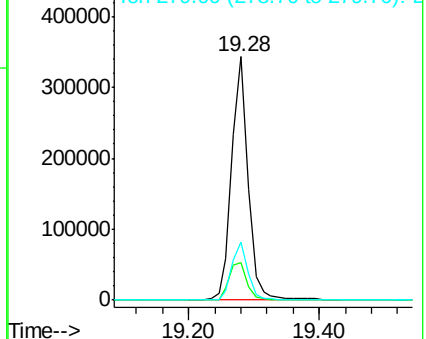


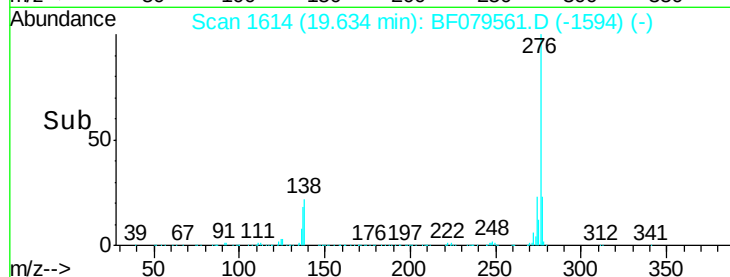
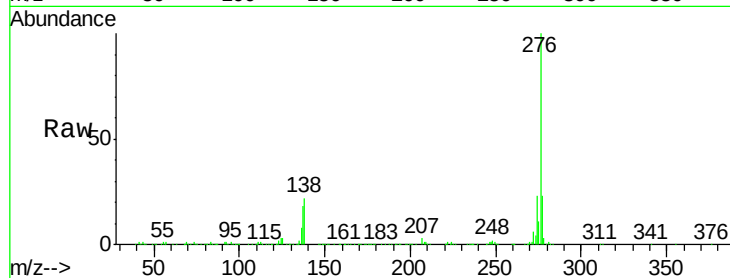
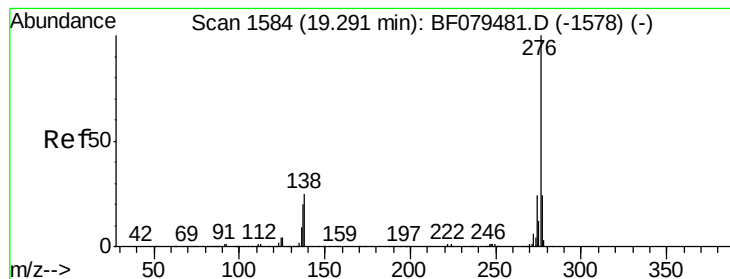
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 38.13 ng

RT: 19.63 min Scan# 1614

Delta R.T. 0.03 min

Lab File: BF079561.D

Acq: 29 May 2015 15:35

Instrument :

BNA_F

ClientSampleId :

PB83625BS

Tgt Ion:276 Resp: 605170

Ion Ratio Lower Upper

276 100

277 23.2 19.1 28.7

138 22.4 20.1 30.1

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

