

Data Path : Z:\HPCHEM1\BNA F\Data\BF011415\
 Data File : BF076865.D
 Acq On : 14 Jan 2015 18:18
 Operator : IZ / TP
 Sample : PB81310BSD
 Misc : W DOD
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81310BSD

Quant Time: Jan 15 00:07:17 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 14 23:27:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	31054	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	124153	20.00	ng	0.00
38) Acenaphthene-d10	15.07	164	68055	20.00	ng	-0.01
63) Phenanthrene-d10	17.82	188	115022	20.00	ng	0.00
75) Chrysene-d12	21.31	240	110601	20.00	ng	0.00
86) Perylene-d12	22.99	264	98824	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	248364	131.50	ng	0.01
7) Phenol-d6	7.42	99	307806	129.19	ng	0.00
23) Nitrobenzene-d5	9.32	82	189381	84.51	ng	0.00
41) 2,4,6-Tribromophenol	16.72	330	77914	141.04	ng	0.00
44) 2-Fluorobiphenyl	13.59	172	395283	88.39	ng	0.00
78) Terphenyl-d14	20.04	244	420071	87.44	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.34	88	25126	31.07	ng	100
3) Pyridine	1.83	79	77840	37.20	ng	92
4) n-Nitrosodimethylamine	1.78	42	40204	38.78	ng	98
6) Aniline	7.30	93	79758	24.19	ng	97
8) 2-Chlorophenol	7.56	128	83765	38.47	ng	93
9) Benzaldehyde	7.03	77	32849	22.15	ng	98
10) Phenol	7.44	94	99332	39.26	ng	90
11) bis(2-Chloroethyl)ether	7.56	93	78551	39.68	ng	94
12) 1,3-Dichlorobenzene	7.88	146	94474	38.14	ng	93
13) 1,4-Dichlorobenzene	8.06	146	96950	36.91	ng	97
14) 1,2-Dichlorobenzene	8.38	146	90761	37.50	ng	95
15) Benzyl Alcohol	8.45	79	76117	39.48	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.80	45	101972	38.32	ng	95
17) 2-Methylphenol	8.79	107	68207	38.33	ng	97
18) Hexachloroethane	9.12	117	35889	39.28	ng	98
19) n-Nitroso-di-n-propylamine	9.08	70	61849	37.08	ng	99
20) 3+4-Methylphenols	9.18	107	86581	36.75	ng	93
22) Acetophenone	9.01	105	125049	41.12	ng	96
24) Nitrobenzene	9.36	77	95330	41.76	ng	99
25) Isophorone	9.96	82	164805	40.38	ng	95
26) 2-Nitrophenol	10.09	139	44925	38.23	ng	# 85
27) 2,4-Dimethylphenol	10.37	122	73788	41.80	ng	98
28) bis(2-Chloroethoxy)methane	10.57	93	98809	42.60	ng	98
29) 2,4-Dichlorophenol	10.70	162	72440	44.03	ng	93
30) 1,2,4-Trichlorobenzene	10.84	180	74428	40.73	ng	96
31) Naphthalene	10.97	128	251732	39.38	ng	98
32) Benzoic acid	10.72	122	23674	24.21	ng	99
33) 4-Chloroaniline	11.21	127	65759	25.46	ng	97
34) Hexachlorobutadiene	11.34	225	42193	38.91	ng	95
35) Caprolactam	12.05	113	18600	38.40	ng	# 78
36) 4-Chloro-3-methylphenol	12.52	107	79518	42.21	ng	97
37) 2-Methylnaphthalene	12.63	142	179884	41.21	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.04	216	71255	42.35	ng	98
40) Hexachlorocyclopentadiene	13.03	237	78123	88.63	ng	96

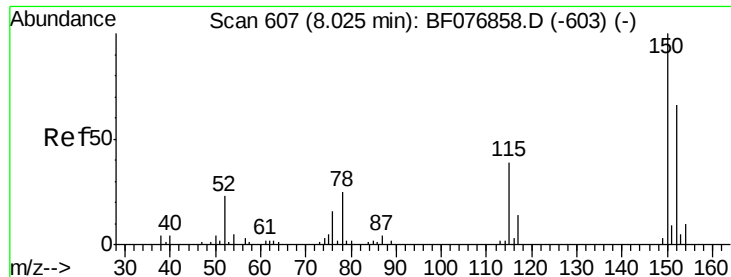
Data Path : Z:\HPCHEM1\BNA F\Data\BF011415\
 Data File : BF076865.D
 Acq On : 14 Jan 2015 18:18
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.39	196	48006	39.16	nq	93
43) 2,4,5-Trichlorophenol	13.47	196	50787	40.62	nq	# 90
45) 1,1'-Biphenyl	13.79	154	208289	41.29	nq	98
46) 2-Chloronaphthalene	13.76	162	168361	40.55	nq	98
47) 2-Nitroaniline	14.11	65	52478	41.67	nq	89
48) Acenaphthylene	14.72	152	272337	38.89	nq	98
49) Dimethylphthalate	14.65	163	203294	42.12	nq	98
50) 2,6-Dinitrotoluene	14.76	165	42531	44.11	nq	94
51) Acenaphthene	15.15	154	154591	38.91	nq	96
52) 3-Nitroaniline	15.10	138	36451	28.79	nq	# 80
53) 2,4-Dinitrophenol	15.39	184	34744	82.92	nq	93
54) Dibenzofuran	15.57	168	243990	42.16	nq	98
55) 4-Nitrophenol	15.68	139	61315	81.05	nq	99
56) 2,4-Dinitrotoluene	15.68	165	60789	41.79	nq	# 87
57) Fluorene	16.28	166	198006	40.38	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.89	232	36562	40.16	nq	# 91
59) Diethylphthalate	16.27	149	215750	44.23	nq	99
60) 4-Chlorophenyl-phenylether	16.36	204	86735	43.23	nq	94
61) 4-Nitroaniline	16.40	138	42948	35.19	nq	88
62) Azobenzene	16.64	77	213524	42.01	nq	98
64) 4,6-Dinitro-2-methylphenol	16.47	198	27282	36.55	nq	# 73
65) n-Nitrosodiphenylamine	16.60	169	166731	40.65	nq	99
66) 4-Bromophenyl-phenylether	17.19	248	49110	42.14	nq	93
67) Hexachlorobenzene	17.21	284	52610	42.84	nq	94
68) Atrazine	17.56	200	62707	50.39	nq	98
69) Pentachlorophenol	17.57	266	45386	83.99	nq	97
70) Phenanthrene	17.85	178	284935	39.72	nq	99
71) Anthracene	17.92	178	284916	40.73	nq	99
72) Carbazole	18.21	167	272798	40.21	nq	99
73) Di-n-butylphthalate	18.79	149	349685	44.53	nq	97
74) Fluoranthene	19.49	202	296122	40.29	nq	100
76) Benzidine	19.72	184	163775	46.28	nq	99
77) Pyrene	19.77	202	317317	41.86	nq	99
79) Butylbenzylphthalate	20.70	149	161552	47.06	nq	97
80) Benzo(a)anthracene	21.29	228	283538	40.86	nq	99
81) 3,3'-Dichlorobenzidine	21.31	252	52527	23.82	nq	99
82) Chrysene	21.34	228	267711	42.30	nq	99
83) Bis(2-ethylhexyl)phthalate	21.44	149	229670	48.35	nq	100
84) Di-n-octyl phthalate	22.21	149	398171	48.30	nq	100
85) Indeno(1,2,3-cd)pyrene	24.13	276	273998	40.86	nq	# 84
87) Benzo(b)fluoranthene	22.56	252	261131	39.23	nq	# 97
88) Benzo(k)fluoranthene	22.56	252	261188	44.92	nq	100
89) Benzo(a)pyrene	22.92	252	250598	42.68	nq	# 95
90) Dibenzo(a,h)anthracene	24.15	278	224215	41.62	nq	# 94
91) Benzo(g,h,i)perylene	24.43	276	224406	41.90	nq	# 92

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

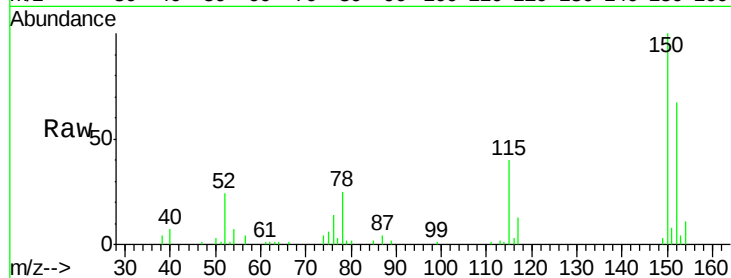


#1

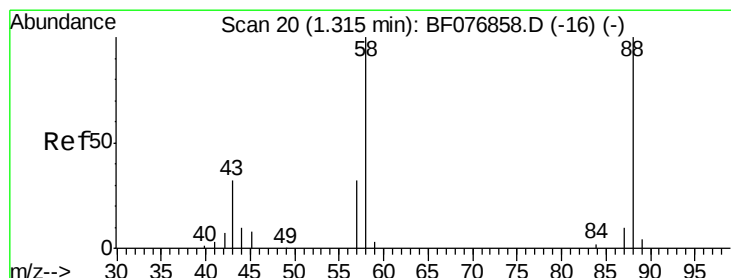
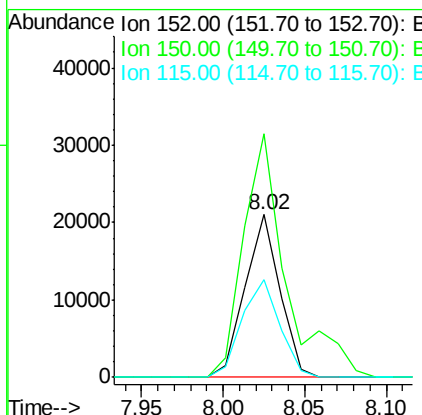
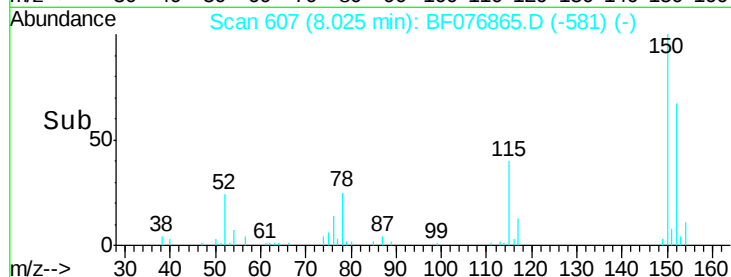
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.02 min Scan# 607
Delta R.T. 0.00 min
Lab File: BF076865.D
Acq: 14 Jan 2015 18:18

Instrument :
BNA_F
ClientSampleId :
PB81310BSD

Tot Ion:152 Resp: 31054
Ion Ratio Lower Upper
152 100
150 149.5 121.7 182.5
115 59.6 47.0 70.6



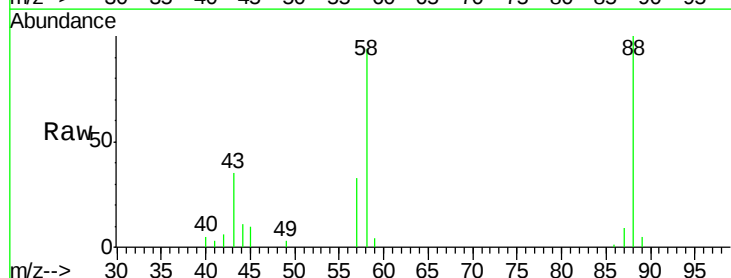
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



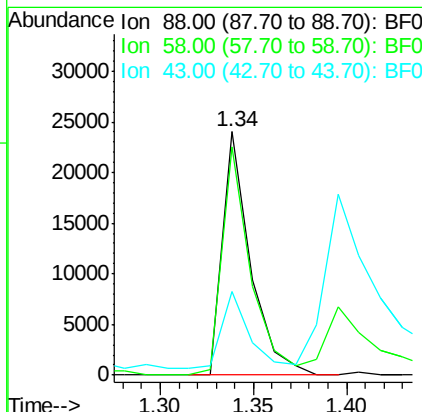
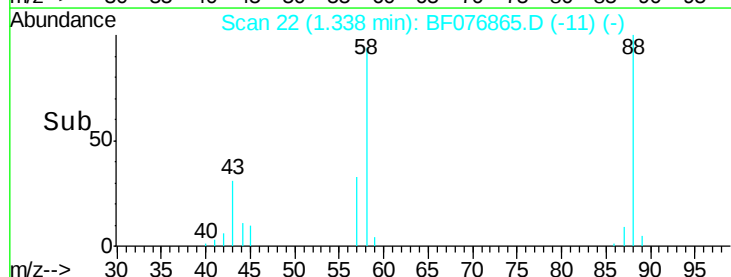
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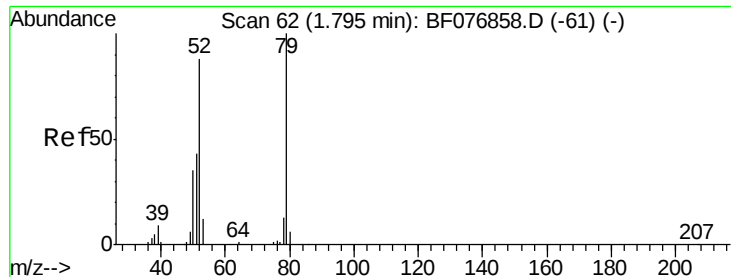
1,4-Dioxane
Concen: 31.07 ng
RT: 1.34 min Scan# 22
Delta R.T. 0.02 min
Lab File: BF076865.D
Acq: 14 Jan 2015 18:18

Tgt Ion: 88 Resp: 25126
Ion Ratio Lower Upper
88 100
58 96.3 77.0 115.4
43 31.5 25.6 38.4



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

Pvridine

Concen: 37.20 ng

RT: 1.83 min Scan# 65

Delta R.T. 0.03 min

Lab File: BF076865.D

Acq: 14 Jan 2015 18:18

Instrument :

BNA_F

ClientSampleId :

PB81310BSD

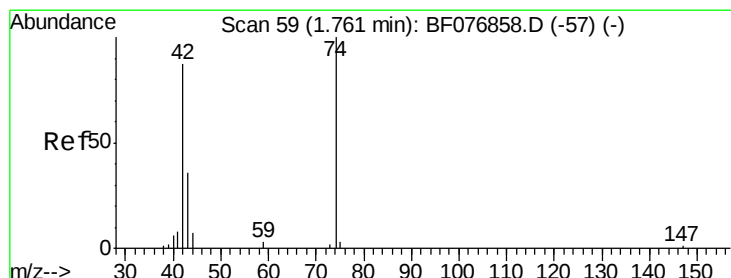
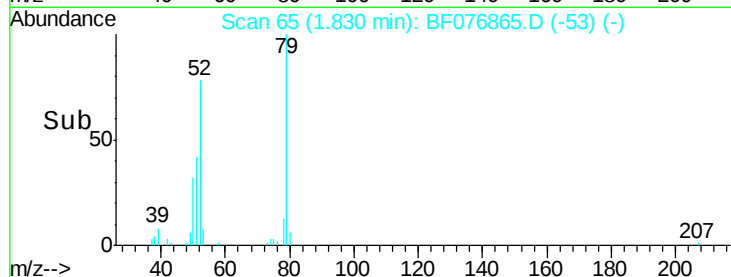
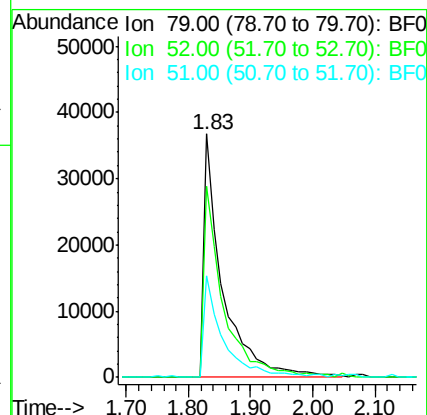
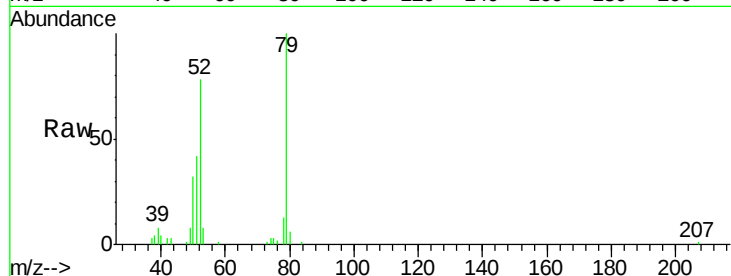
Tot Ion: 79 Resp: 77840

Ion Ratio Lower Upper

79 100

52 78.3 70.1 105.1

51 41.8 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 38.78 ng

RT: 1.78 min Scan# 61

Delta R.T. 0.02 min

Lab File: BF076865.D

Acq: 14 Jan 2015 18:18

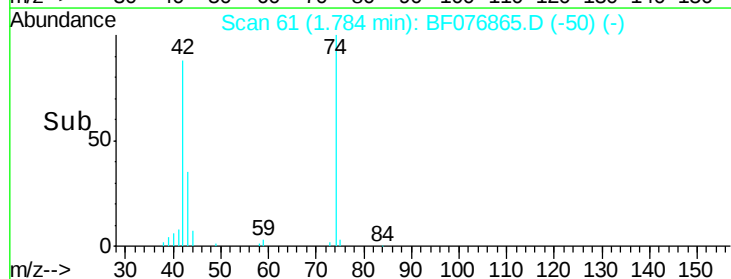
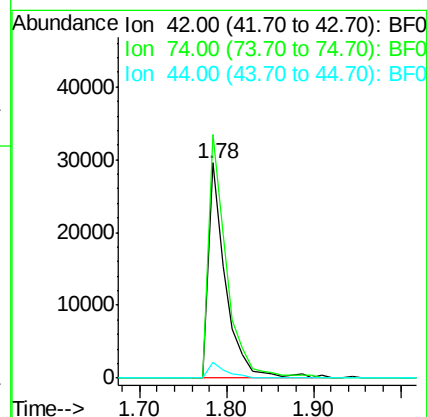
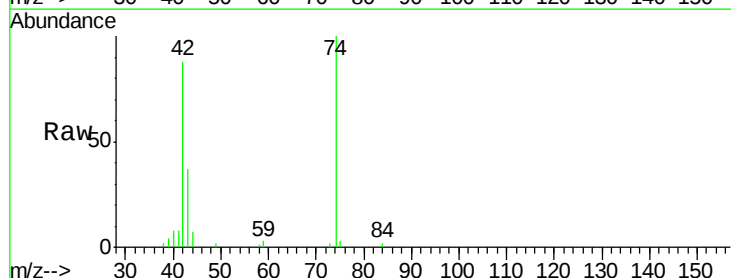
Tgt Ion: 42 Resp: 40204

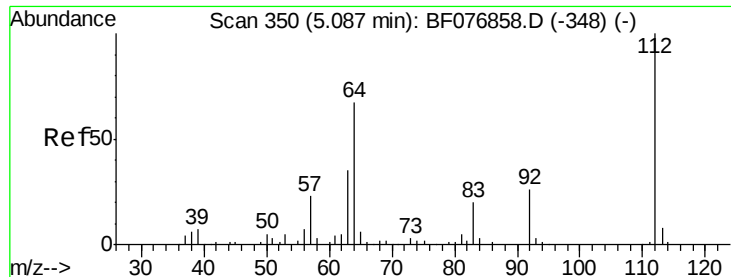
Ion Ratio Lower Upper

42 100

74 113.3 92.4 138.6

44 7.6 6.2 9.2





#5

2-Fluorophenol

Concen: 131.50 ng

RT: 5.10 min Scan# 351

Delta R.T. 0.01 min

Lab File: BF076865.D

Acq: 14 Jan 2015 18:18

Instrument :

BNA_F

ClientSampleId :

PB81310BSD

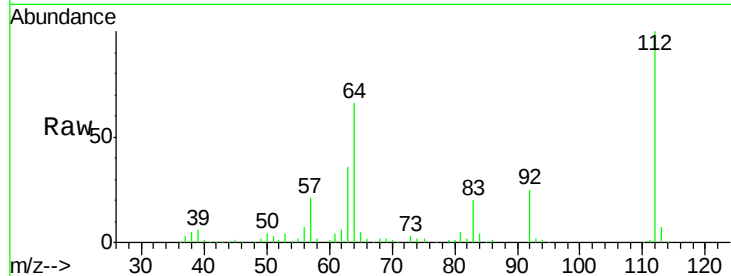
Tot Ion: 112 Resp: 248364

Ion Ratio Lower Upper

112 100

64 65.6 54.2 81.4

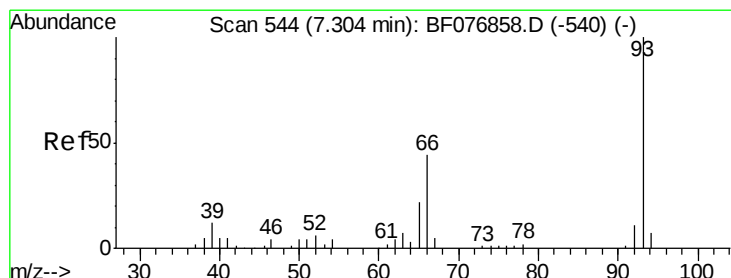
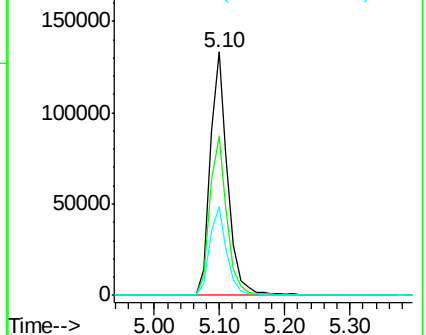
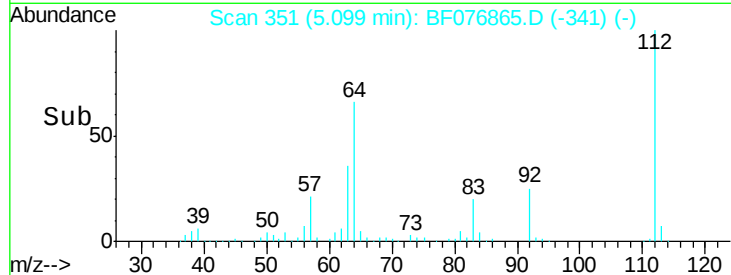
63 36.4 28.4 42.6



Abundance Ion 112.00 (111.70 to 112.70): BF076865.D (-341) (-)

Ion 64.00 (63.70 to 64.70): BF076865.D (-341) (-)

Ion 63.00 (62.70 to 63.70): BF076865.D (-341) (-)



#6

Aniline

Concen: 24.19 ng

RT: 7.30 min Scan# 544

Delta R.T. 0.00 min

Lab File: BF076865.D

Acq: 14 Jan 2015 18:18

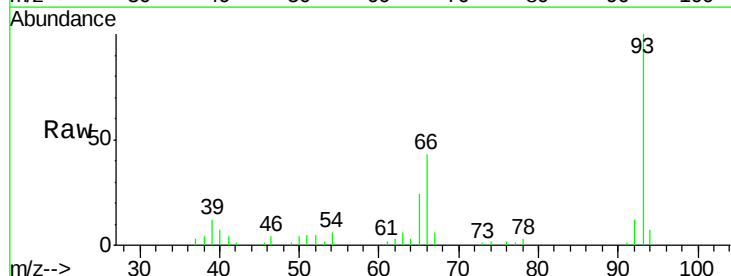
Tgt Ion: 93 Resp: 79758

Ion Ratio Lower Upper

93 100

66 42.6 35.0 52.4

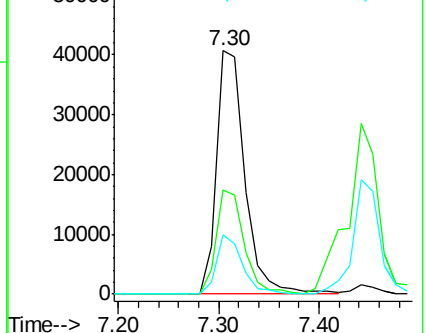
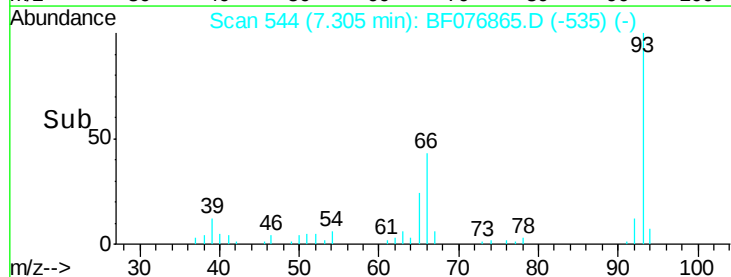
65 24.4 17.7 26.5

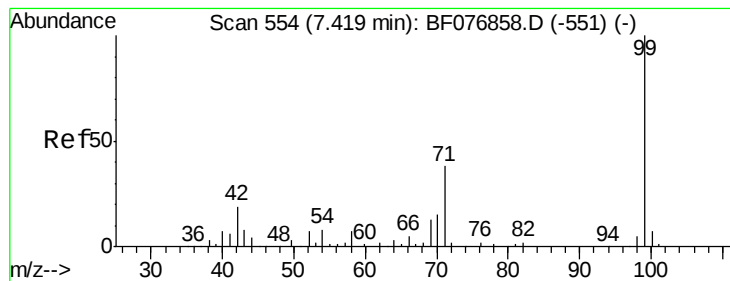


Abundance Ion 93.00 (92.70 to 93.70): BF076865.D (-535) (-)

Ion 66.00 (65.70 to 66.70): BF076865.D (-535) (-)

Ion 65.00 (64.70 to 65.70): BF076865.D (-535) (-)





#7

Phenol-d6

Concen: 129.19 ng

RT: 7.42 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF076865.D

Acq: 14 Jan 2015 18:18

Instrument :

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ClientSampleId :

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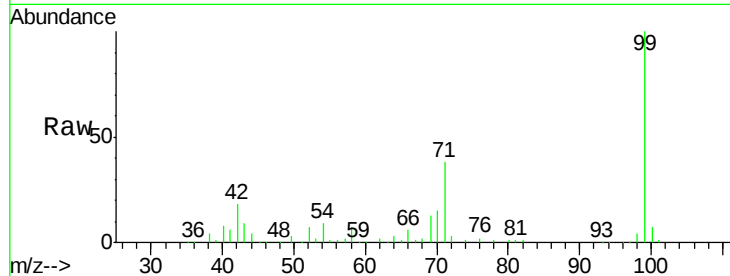
Tot Ion: 99 Resp: 307806

Ion Ratio Lower Upper

99 100

42 17.5 15.0 22.4

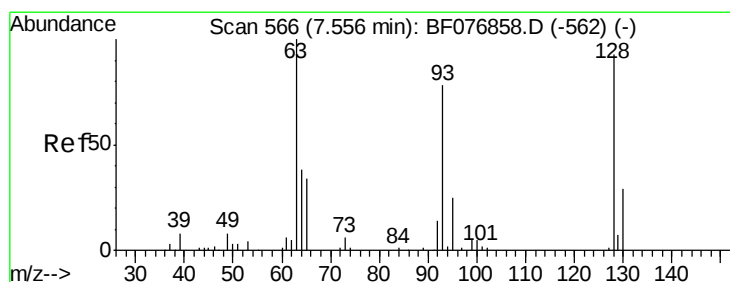
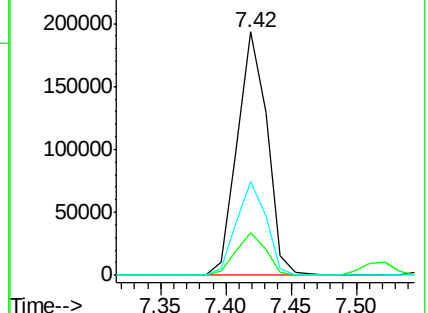
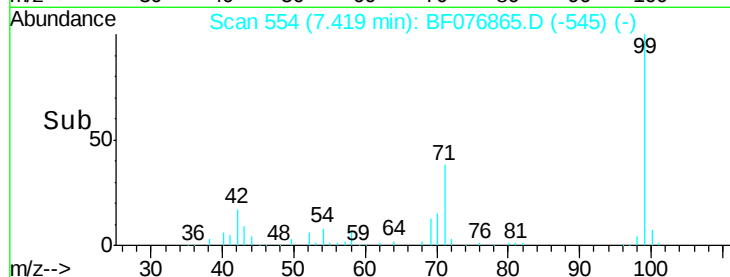
71 38.4 30.5 45.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.47 ng

RT: 7.56 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF076865.D

Acq: 14 Jan 2015 18:18

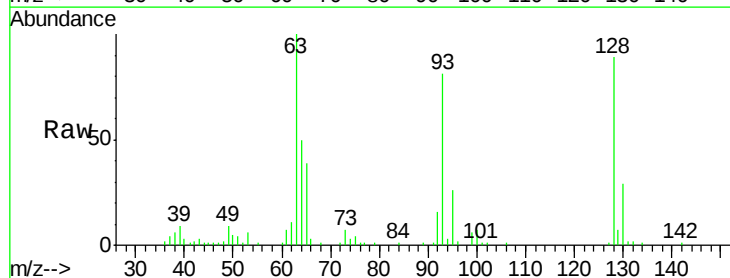
Tgt Ion: 128 Resp: 83765

Ion Ratio Lower Upper

128 100

130 32.7 11.0 51.0

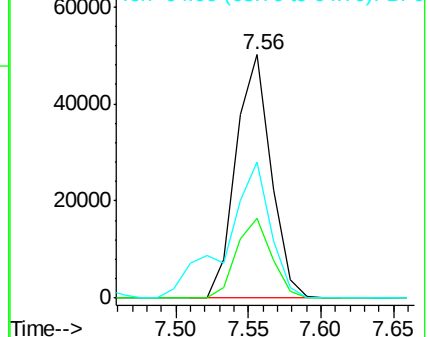
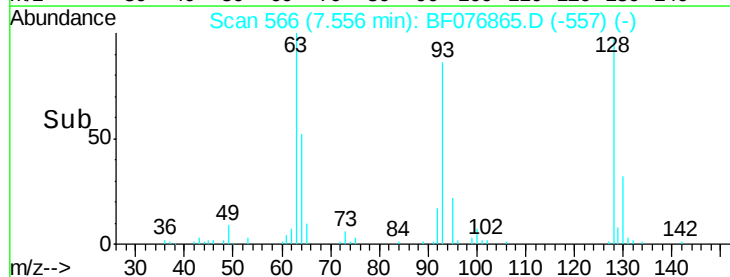
64 56.1 29.3 69.3

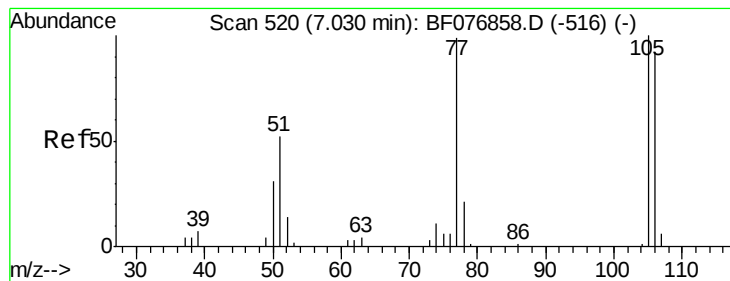


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 22.15 ng

RT: 7.03 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF076865.D

Acq: 14 Jan 2015 18:18

Instrument :

BNA_F

ClientSampleId :

PB81310BSD

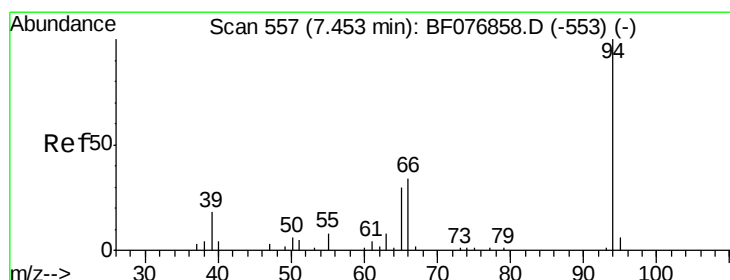
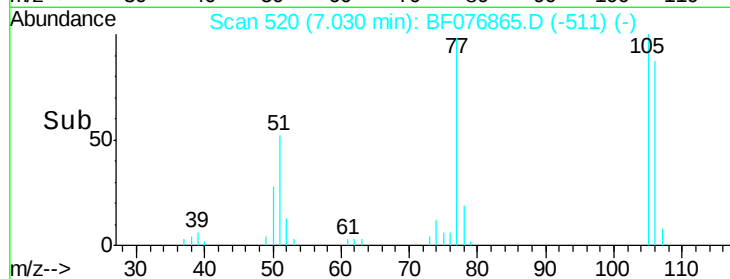
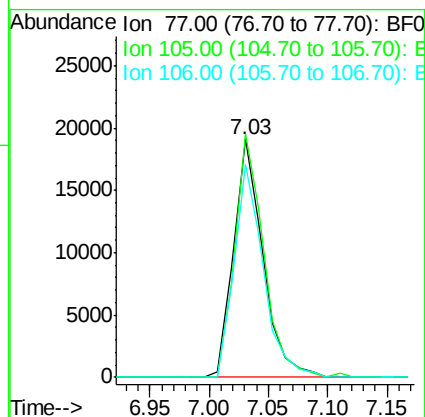
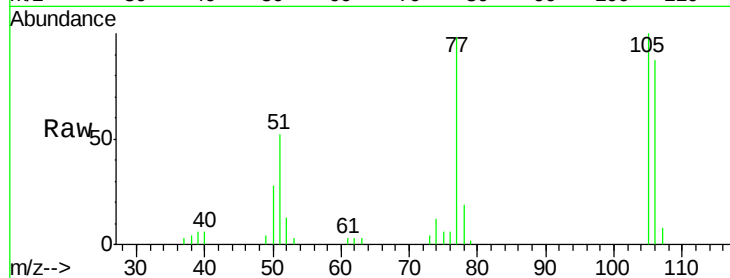
Tot Ion: 77 Resp: 32849

Ion Ratio Lower Upper

77 100

105 102.1 81.4 121.4

106 89.3 72.8 112.8



#10

Phenol

Concen: 39.26 ng

RT: 7.44 min Scan# 556

Delta R.T. -0.01 min

Lab File: BF076865.D

Acq: 14 Jan 2015 18:18

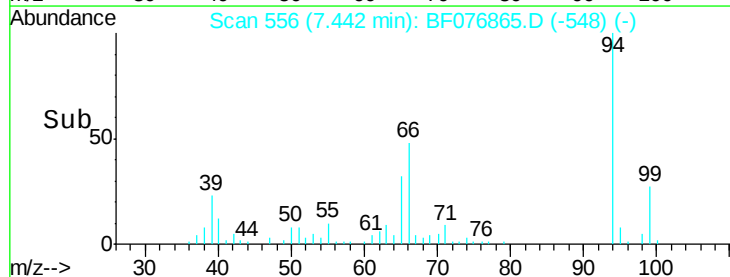
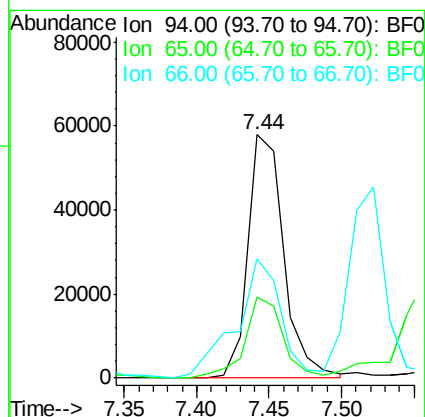
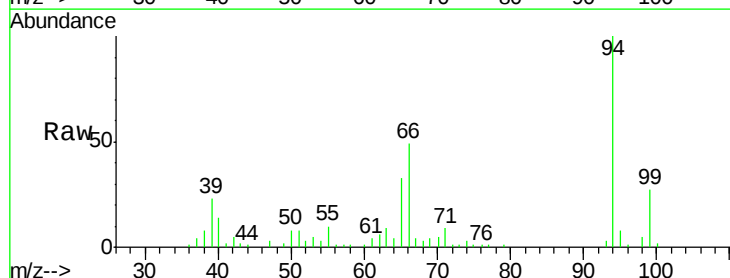
Tgt Ion: 94 Resp: 99332

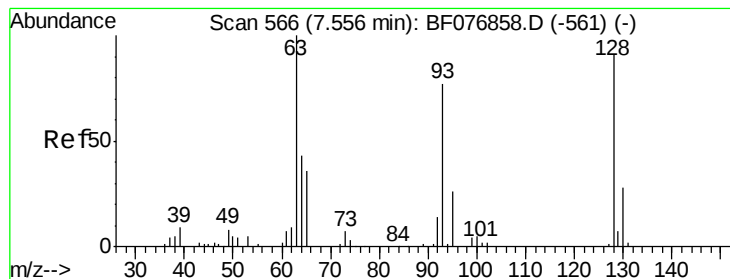
Ion Ratio Lower Upper

94 100

65 33.1 11.3 51.3

66 49.2 19.5 59.5





#11

bis(2-Chloroethyl)ether

Concen: 39.68 ng

RT: 7.56 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF076865.D

Acq: 14 Jan 2015 18:18

Instrument :

BNA_F

ClientSampleId :

PB81310BSD

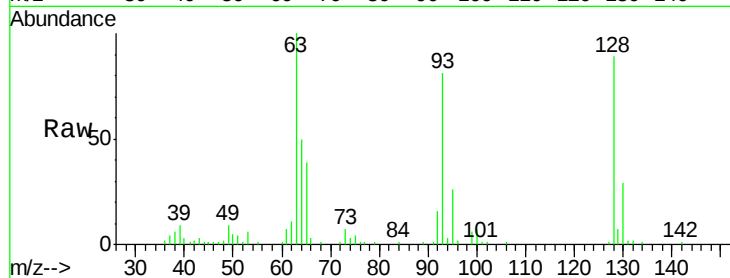
Tot Ion: 93 Resp: 78551

Ion Ratio Lower Upper

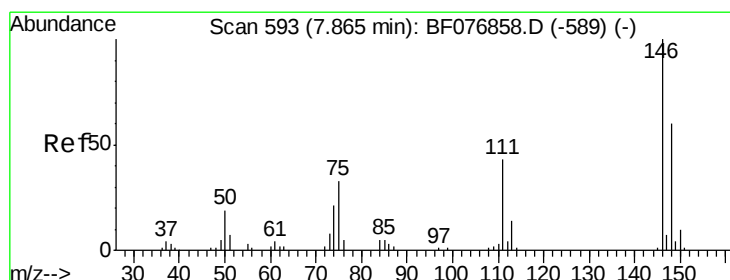
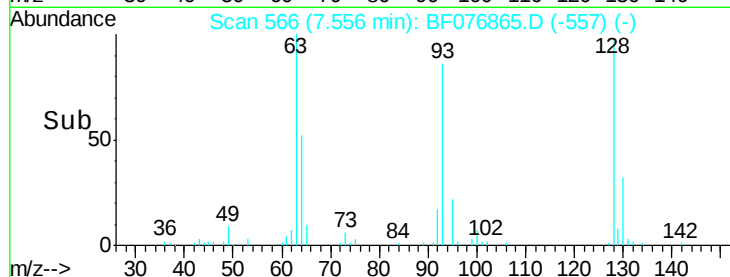
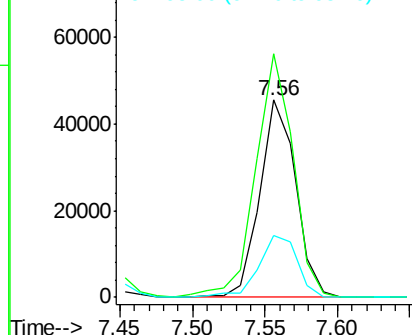
93 100

63 123.6 111.3 151.3

95 31.6 13.8 53.8



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 38.14 ng

RT: 7.88 min Scan# 594

Delta R.T. 0.01 min

Lab File: BF076865.D

Acq: 14 Jan 2015 18:18

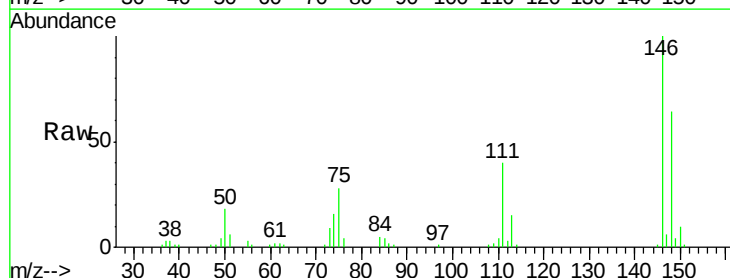
Tgt Ion: 146 Resp: 94474

Ion Ratio Lower Upper

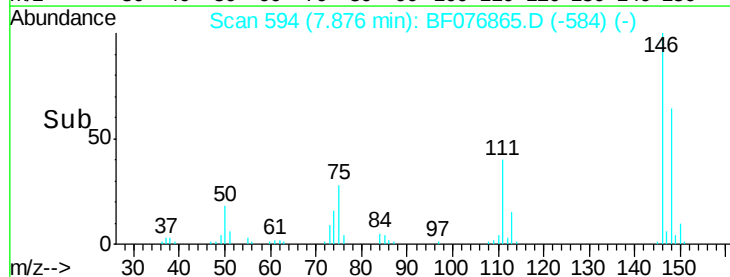
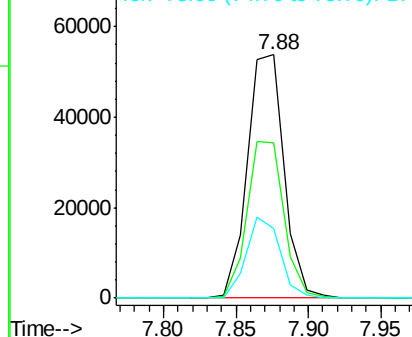
146 100

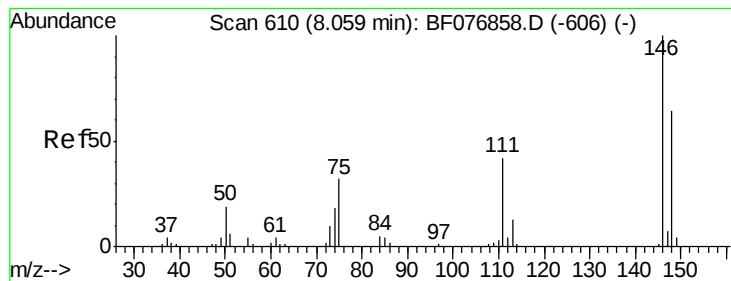
148 64.0 48.1 72.1

75 28.3 26.8 40.2



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





#13

1,4-Dichlorobenzene

Concen: 36.91 ng

RT: 8.06 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF076865.D

Acq: 14 Jan 2015 18:18

Instrument :

BNA_F

ClientSampleId :

PB81310BSD

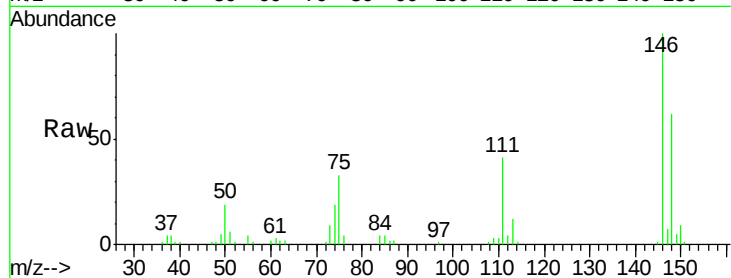
Tot Ion:146 Resp: 96950

Ion Ratio Lower Upper

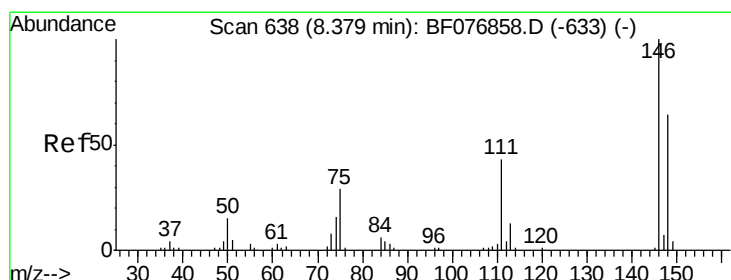
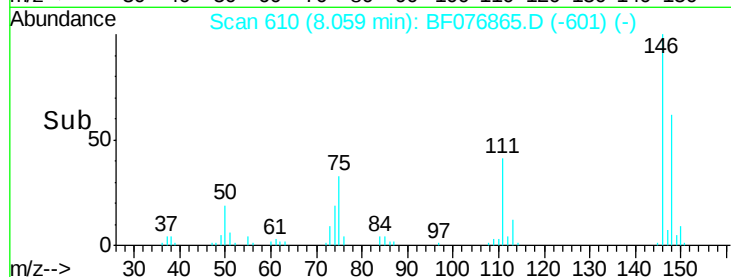
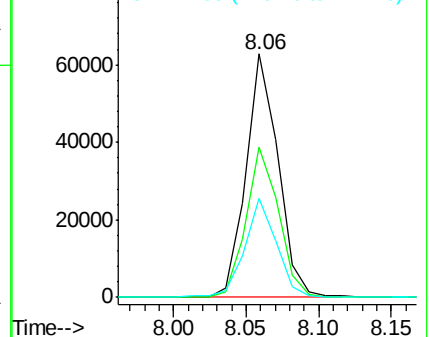
146 100

148 61.7 51.5 77.3

111 40.8 33.9 50.9



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



#14

1,2-Dichlorobenzene

Concen: 37.50 ng

RT: 8.38 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF076865.D

Acq: 14 Jan 2015 18:18

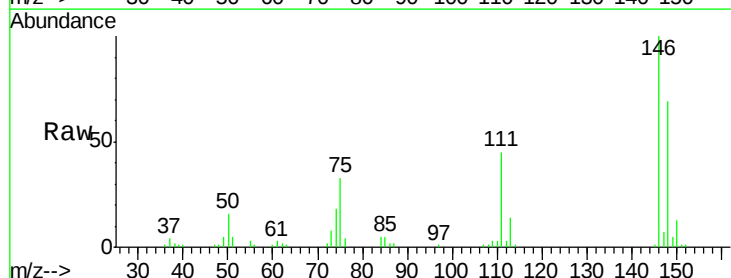
Tgt Ion:146 Resp: 90761

Ion Ratio Lower Upper

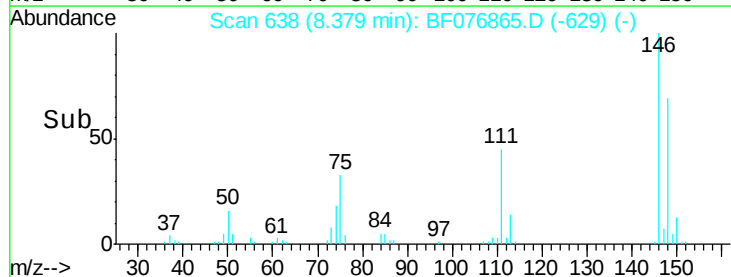
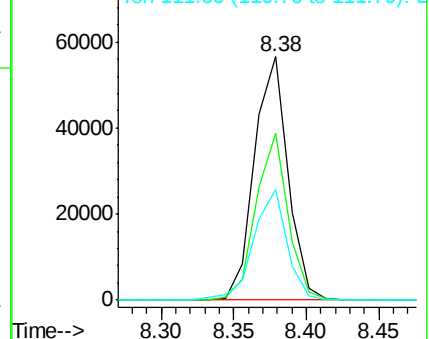
146 100

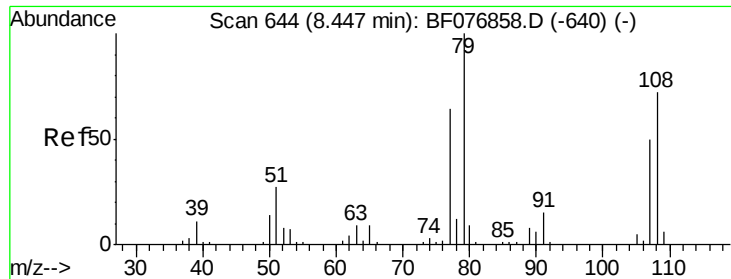
148 68.6 51.3 76.9

111 45.4 34.5 51.7



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





#15

Benzyl Alcohol

Concen: 39.48 ng

RT: 8.45 min Scan# 644

Delta R.T. 0.00 min

Lab File: BF076865.D

Acq: 14 Jan 2015 18:18

Instrument :

BNA_F

ClientSampleId :

PB81310BSD

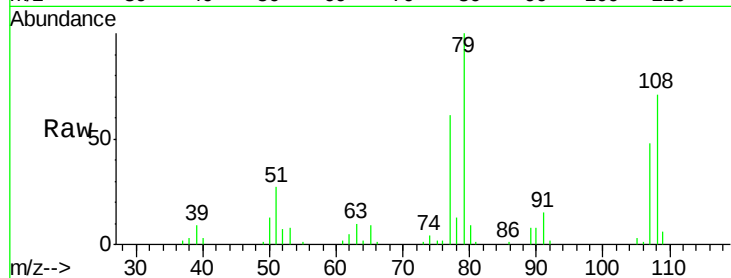
Tot Ion: 79 Resp: 76117

Ion Ratio Lower Upper

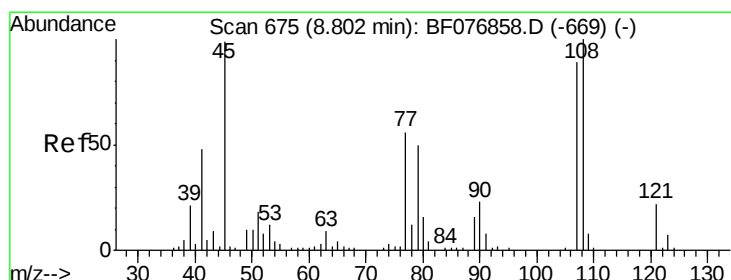
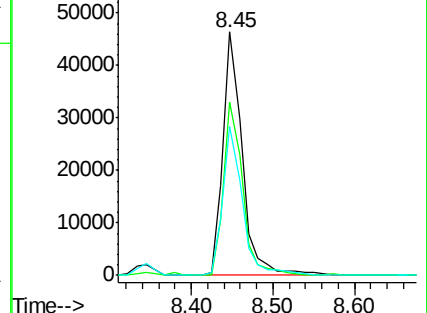
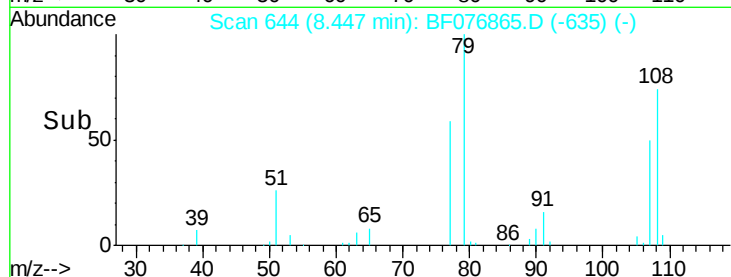
79 100

108 71.2 57.2 85.8

77 61.3 51.2 76.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.32 ng

RT: 8.80 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF076865.D

Acq: 14 Jan 2015 18:18

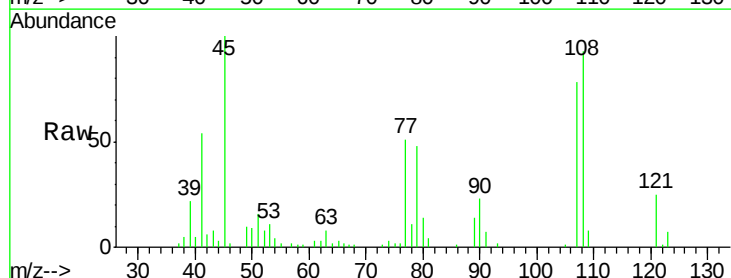
Tgt Ion: 45 Resp: 101972

Ion Ratio Lower Upper

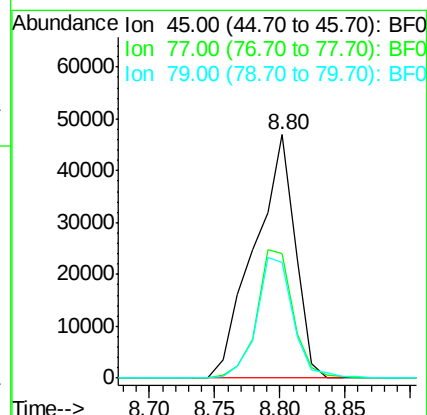
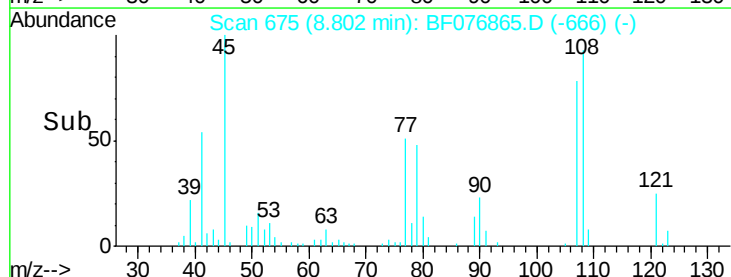
45 100

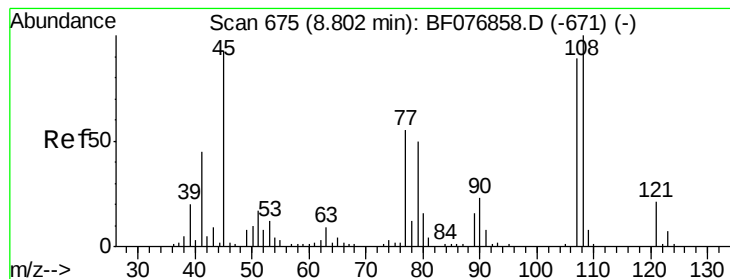
77 51.2 36.1 76.1

79 47.6 30.5 70.5



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 38.33 ng

RT: 8.79 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF076865.D

Acq: 14 Jan 2015 18:18

Instrument :

BNA_F

ClientSampleId :

PB81310BSD

Tot Ion:107 Resp: 68207

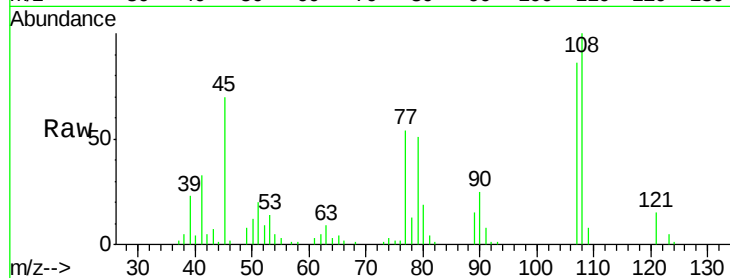
Ion Ratio Lower Upper

107 100

108 116.6 89.7 134.5

77 63.3 50.1 75.1

79 59.7 45.0 67.6

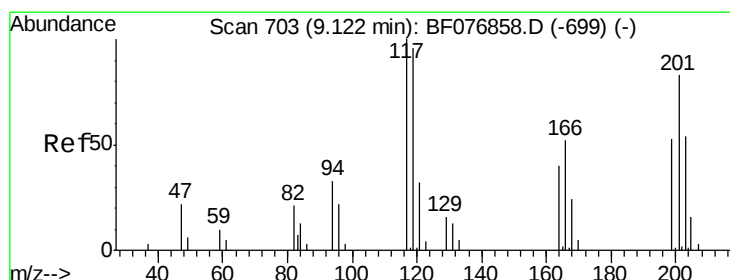
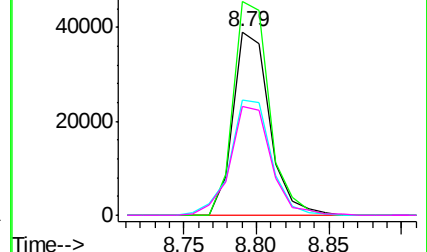
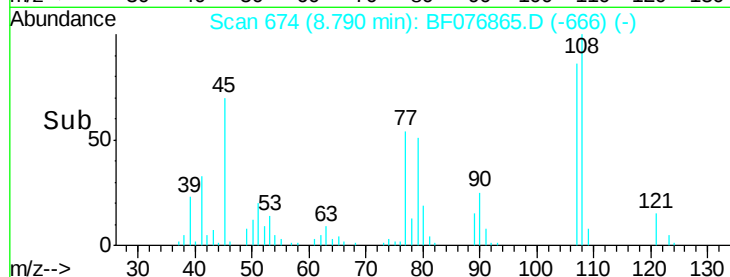


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.28 ng

RT: 9.12 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF076865.D

Acq: 14 Jan 2015 18:18

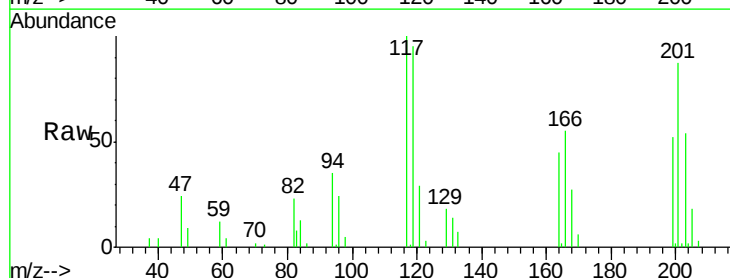
Tgt Ion:117 Resp: 35889

Ion Ratio Lower Upper

117 100

119 95.2 77.1 115.7

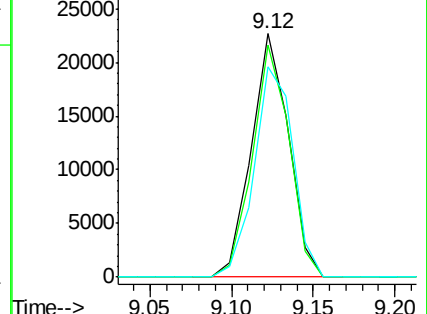
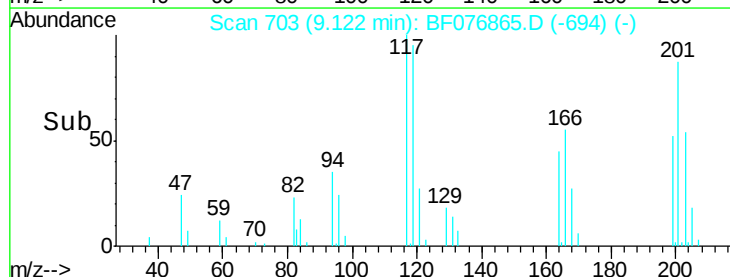
201 86.5 66.8 100.2

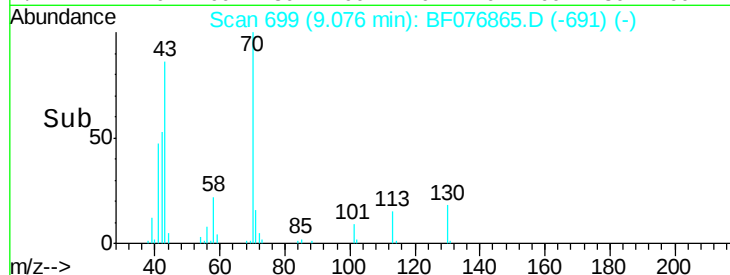
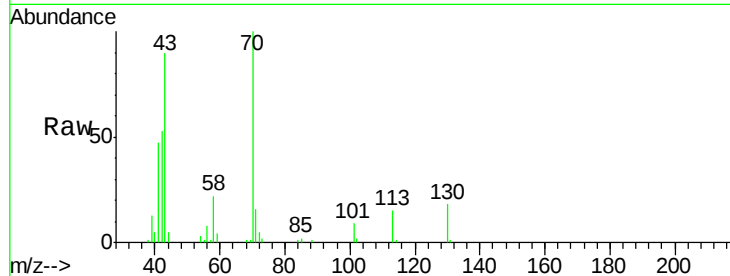
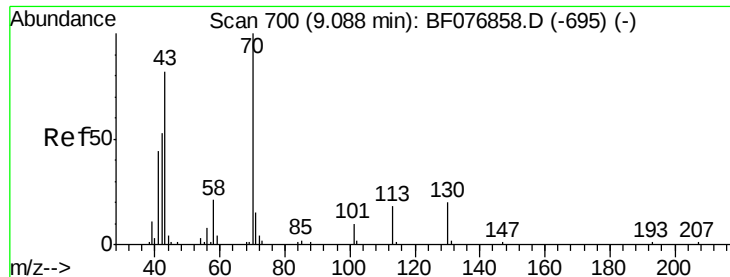


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

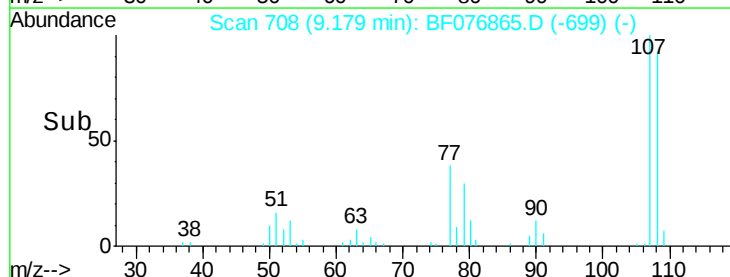
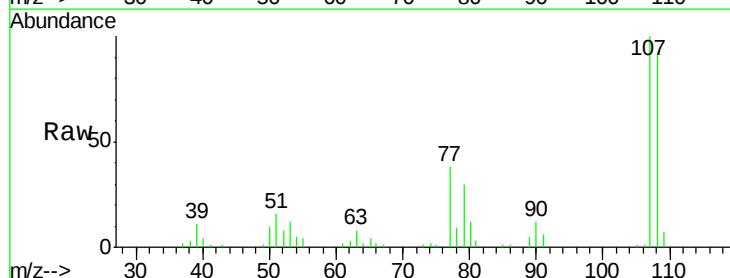
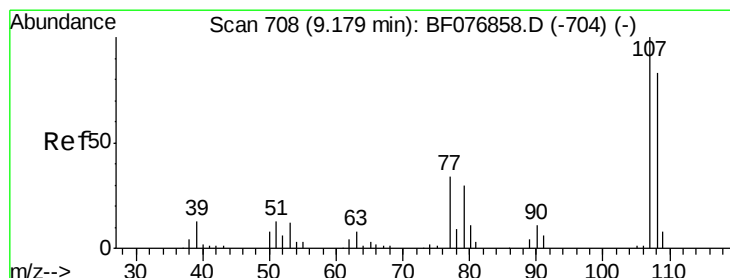
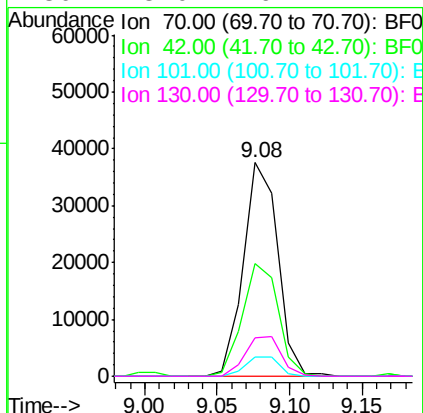




#19
n-Nitroso-di-n-propylamine
Concen: 37.08 ng
RT: 9.08 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF076865.D
Acq: 14 Jan 2015 18:18

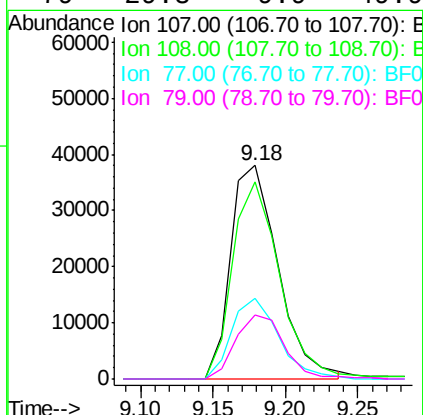
Instrument :
BNA_F
ClientSampleId :
PB81310BSD

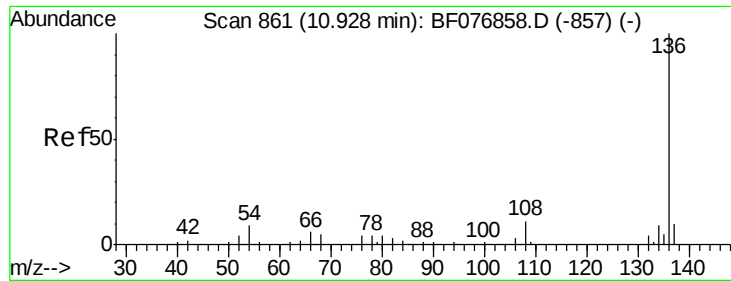
Tot Ion:	70	Resp:	61849
Ion	Ratio	Lower	Upper
70	100		
42	52.7	42.1	63.1
101	9.2	7.8	11.8
130	18.0	16.2	24.4



#20
3+4-Methylphenols
Concen: 36.75 ng
RT: 9.18 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF076865.D
Acq: 14 Jan 2015 18:18

Tgt Ion:	107	Resp:	86581
Ion	Ratio	Lower	Upper
107	100		
108	92.1	63.5	103.5
77	37.8	14.0	54.0
79	29.8	9.9	49.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.93 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF076865.D

Acq: 14 Jan 2015 18:18

Instrument :

BNA_F

ClientSampleId :

PB81310BSD

Tot Ion:136 Resp: 124153

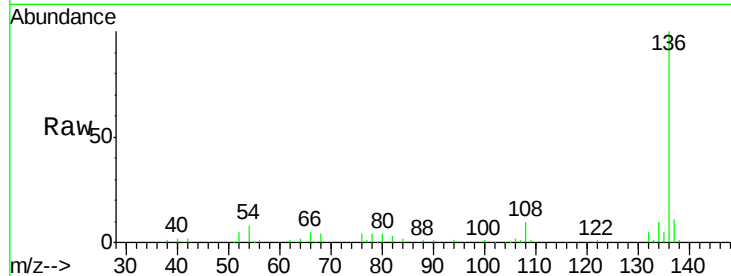
Ion Ratio Lower Upper

136 100

137 11.2 8.1 12.1

54 7.8 7.0 10.4

68 4.4 3.7 5.5

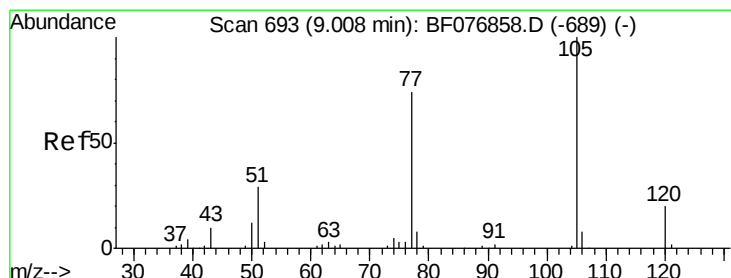
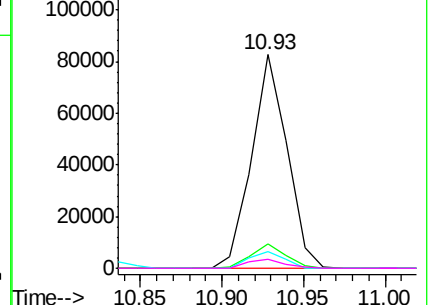
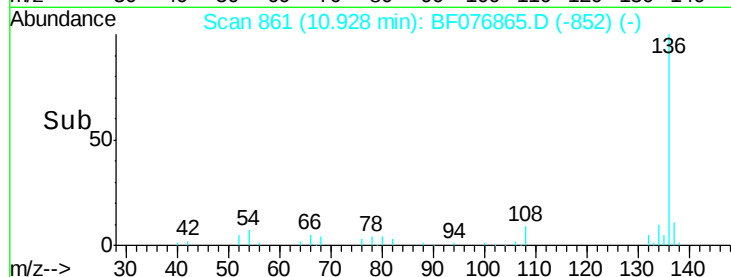


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.12 ng

RT: 9.01 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF076865.D

Acq: 14 Jan 2015 18:18

Tgt Ion:105 Resp: 125049

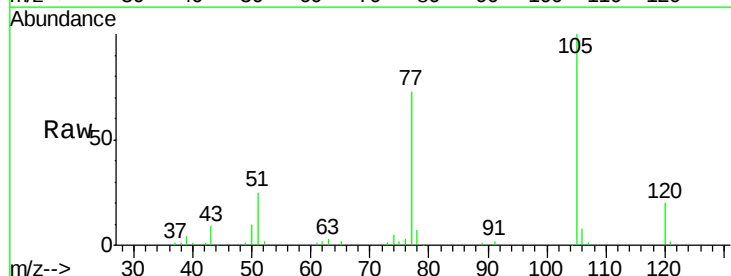
Ion Ratio Lower Upper

105 100

71 0.0 0.0 0.0

51 25.4 23.3 34.9

120 19.8 16.1 24.1

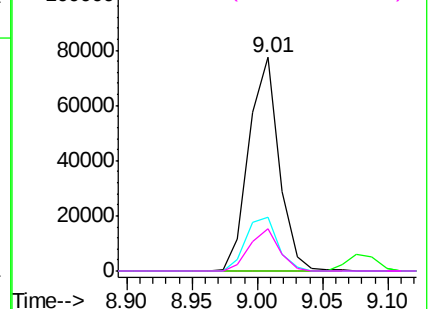
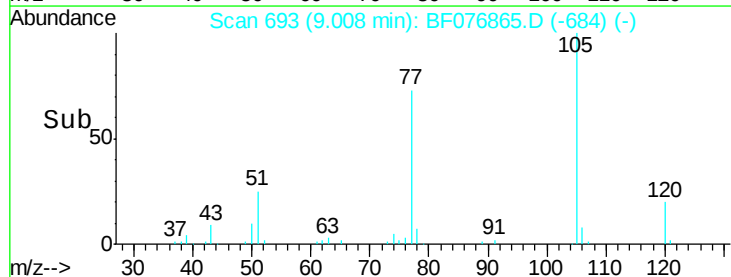


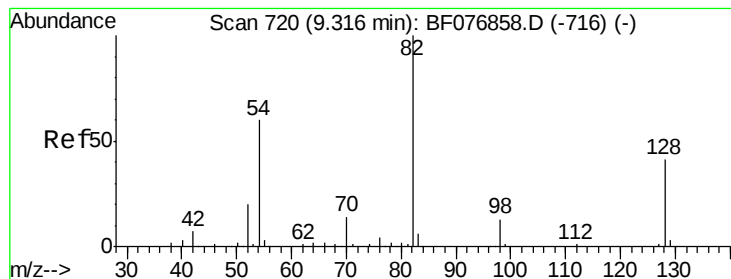
Abundance Ion 105.00 (104.70 to 105.70): E

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: 84.51 ng

RT: 9.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF076865.D

Acq: 14 Jan 2015 18:18

Instrument :

BNA_F

ClientSampleId :

PB81310BSD

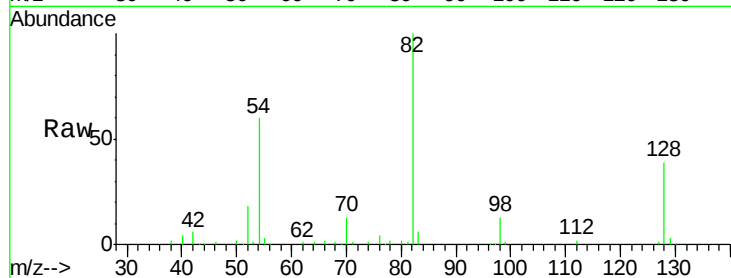
Tot Ion: 82 Resp: 189381

Ion Ratio Lower Upper

82 100

128 38.6 33.1 49.7

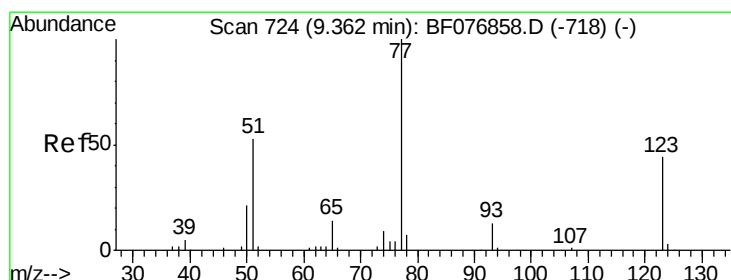
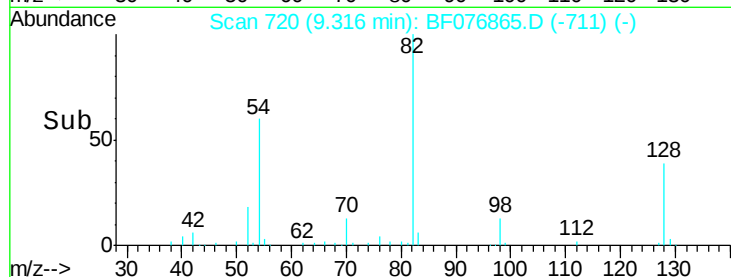
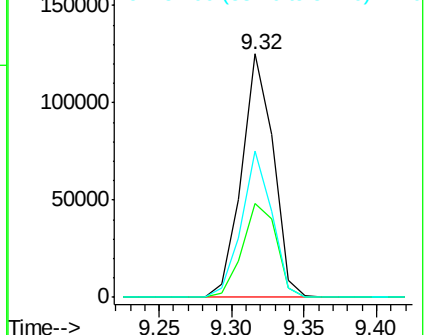
54 60.2 48.3 72.5



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 41.76 ng

RT: 9.36 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF076865.D

Acq: 14 Jan 2015 18:18

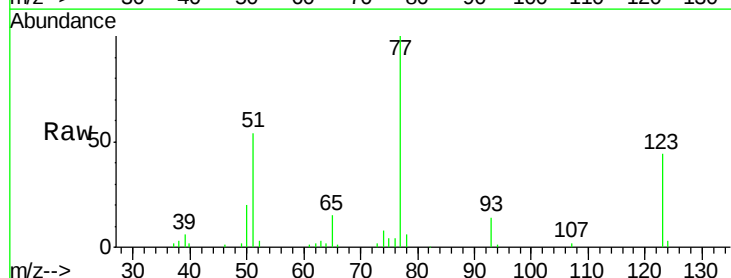
Tgt Ion: 77 Resp: 95330

Ion Ratio Lower Upper

77 100

123 44.2 35.2 52.8

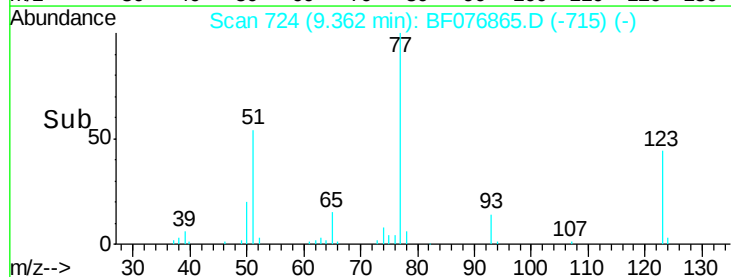
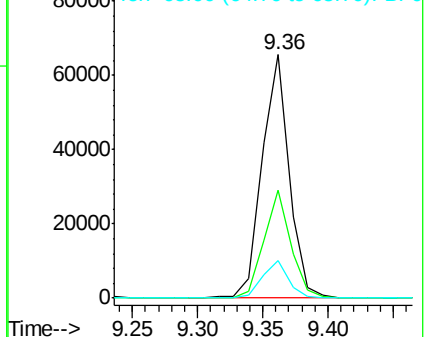
65 15.2 11.4 17.2

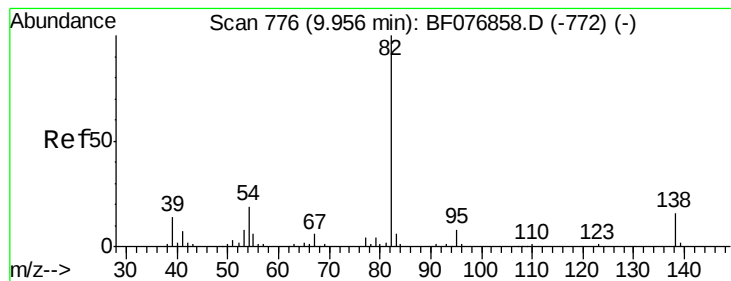


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.38 ng

RT: 9.96 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF076865.D

Acq: 14 Jan 2015 18:18

Instrument :

BNA_F

ClientSampleId :

PB81310BSD

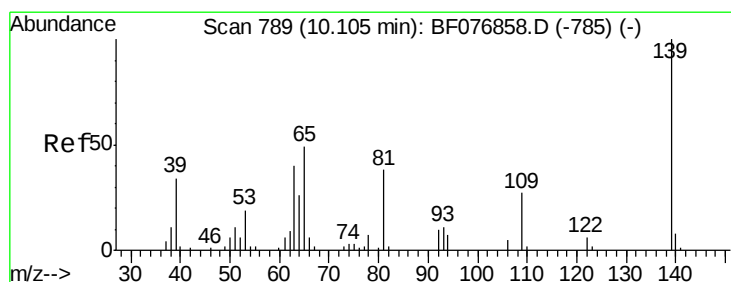
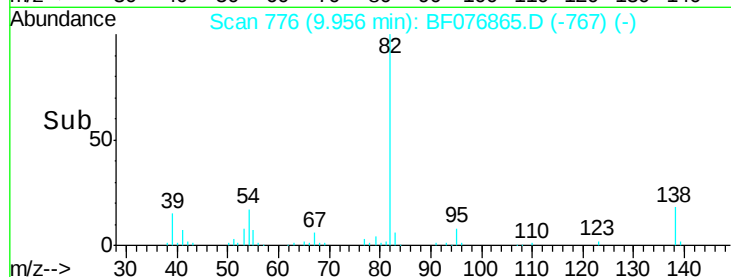
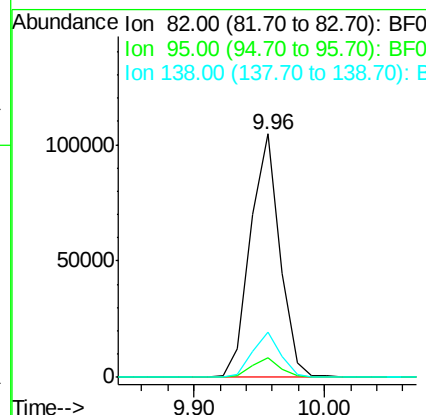
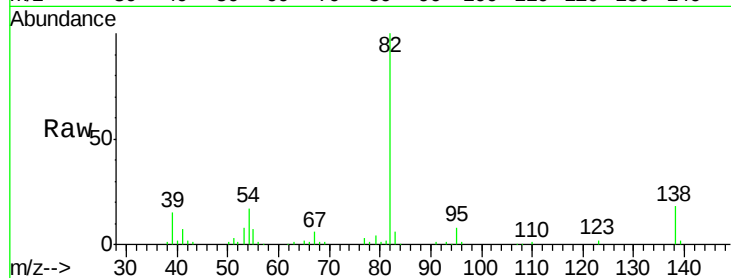
Tot Ion: 82 Resp: 164805

Ion Ratio Lower Upper

82 100

95 7.8 6.6 10.0

138 18.3 12.6 18.8



#26

2-Nitrophenol

Concen: 38.23 ng

RT: 10.09 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF076865.D

Acq: 14 Jan 2015 18:18

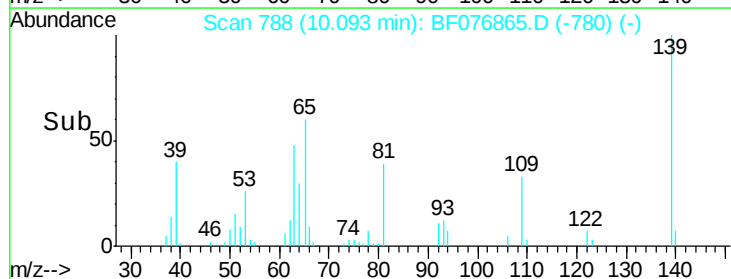
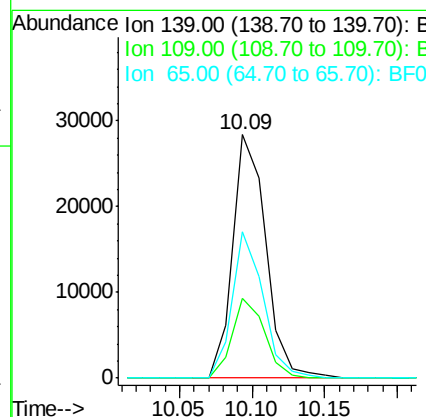
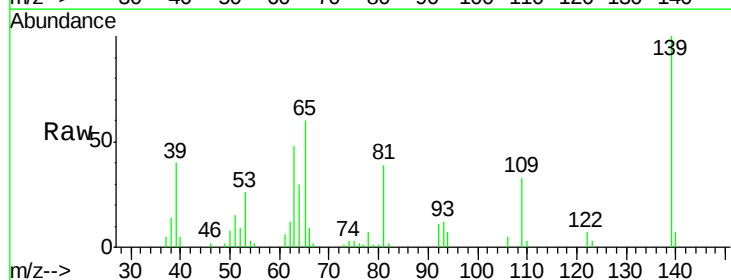
Tgt Ion: 139 Resp: 44925

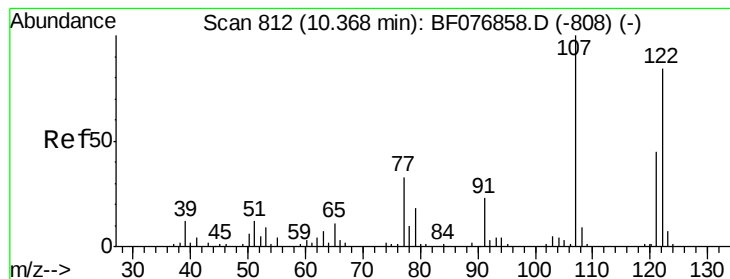
Ion Ratio Lower Upper

139 100

109 33.0 21.3 31.9#

65 60.1 39.4 59.0#





#27

2,4-Dimethylphenol

Concen: 41.80 ng

RT: 10.37 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF076865.D

Acq: 14 Jan 2015 18:18

Instrument :

BNA_F

ClientSampleId :

PB81310BSD

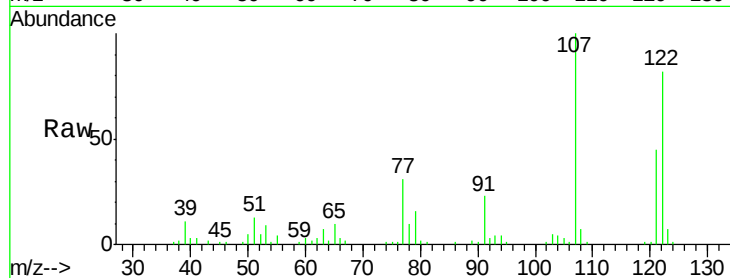
Tot Ion:122 Resp: 73788

Ion Ratio Lower Upper

122 100

107 121.7 95.2 142.8

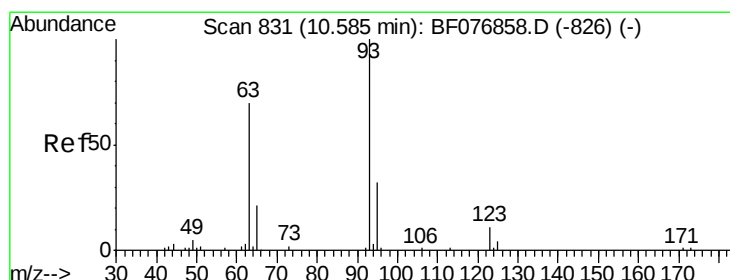
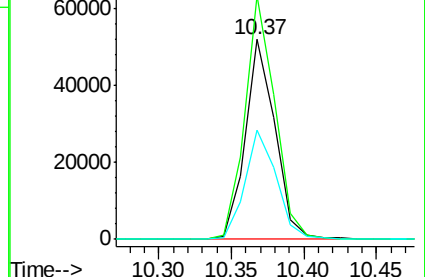
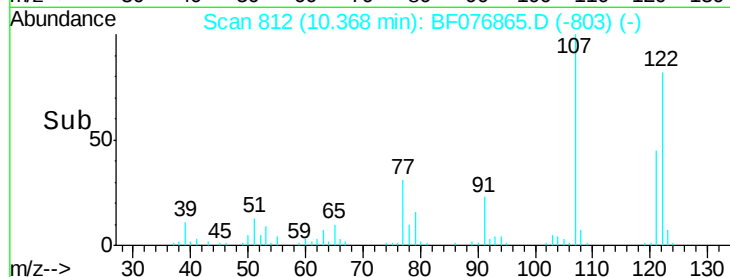
121 54.9 42.9 64.3



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: 42.60 ng

RT: 10.57 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF076865.D

Acq: 14 Jan 2015 18:18

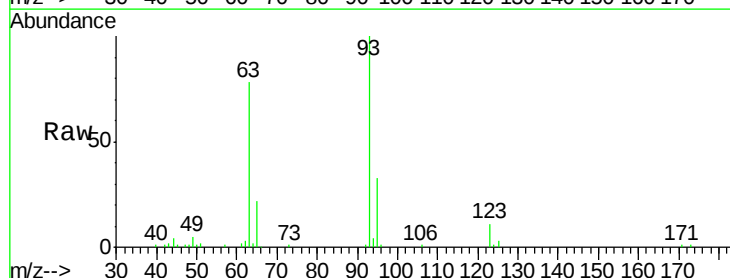
Tgt Ion: 93 Resp: 98809

Ion Ratio Lower Upper

93 100

95 33.2 25.6 38.4

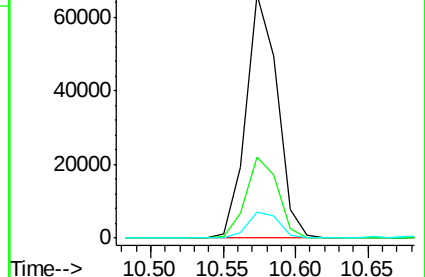
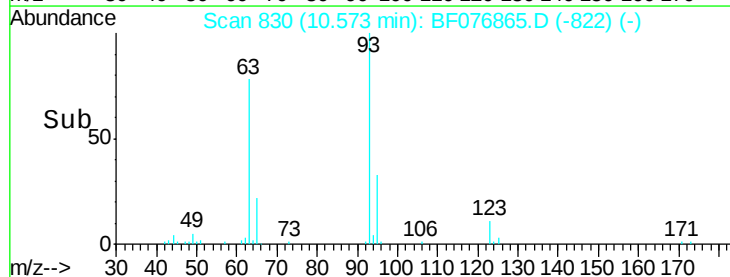
123 10.9 8.9 13.3

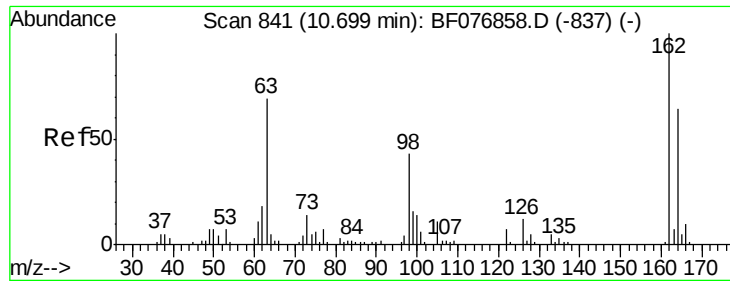


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

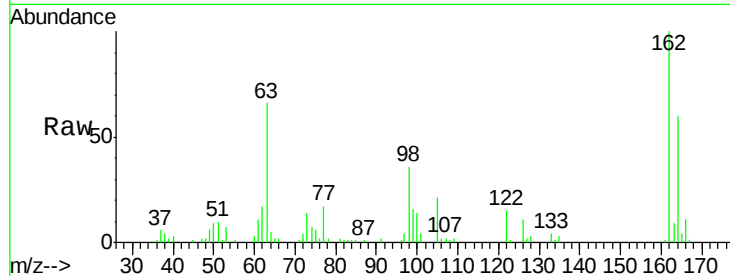




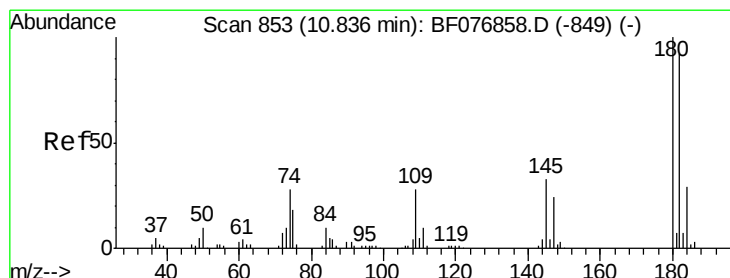
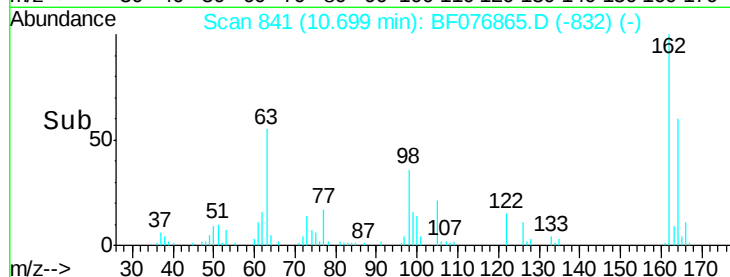
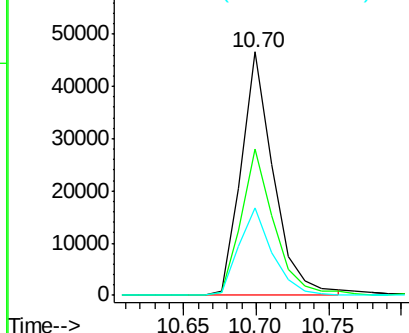
#29
2,4-Dichlorophenol
Concen: 44.03 ng
RT: 10.70 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF076865.D
Acq: 14 Jan 2015 18:18

Instrument :
BNA_F
ClientSampleId :
PB81310BSD

Tot Ion:162 Resp: 72440
Ion Ratio Lower Upper
162 100
164 60.3 43.8 83.8
98 36.0 22.5 62.5

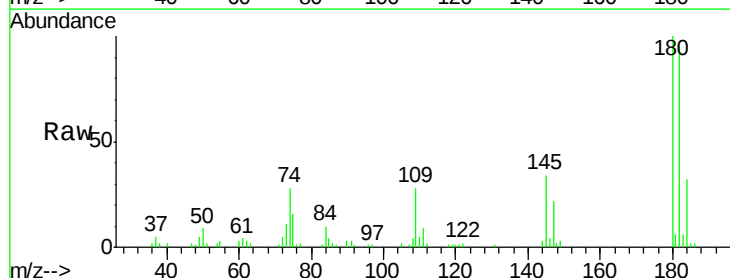


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

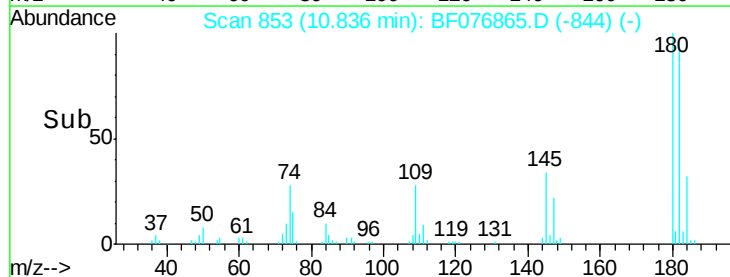
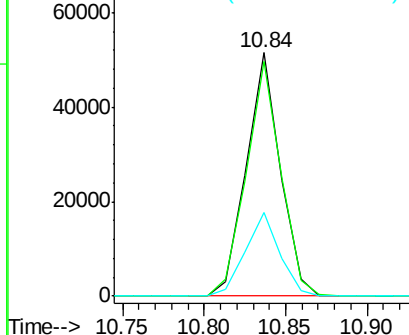


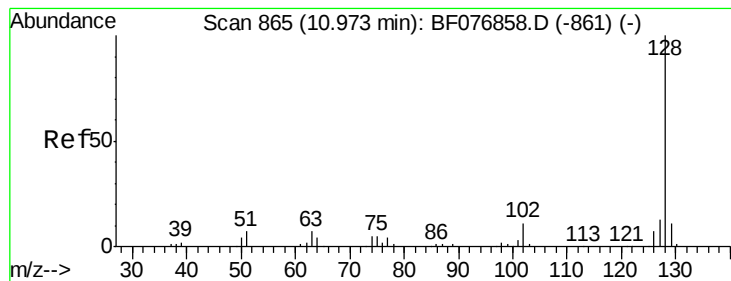
#30
1,2,4-Trichlorobenzene
Concen: 40.73 ng
RT: 10.84 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF076865.D
Acq: 14 Jan 2015 18:18

Tgt Ion:180 Resp: 74428
Ion Ratio Lower Upper
180 100
182 96.5 73.6 110.4
145 34.2 26.6 39.8



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: 39.38 ng

RT: 10.97 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF076865.D

Acq: 14 Jan 2015 18:18

Instrument :

BNA_F

ClientSampleId :

PB81310BSD

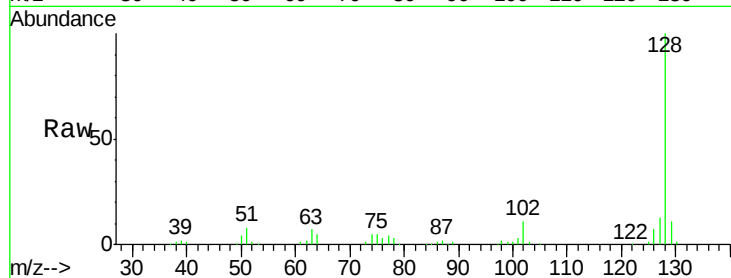
Tot Ion:128 Resp: 251732

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

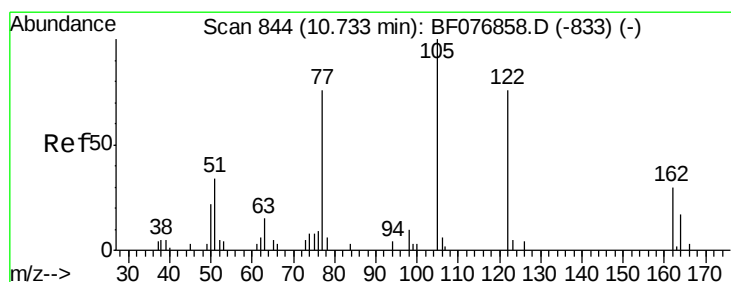
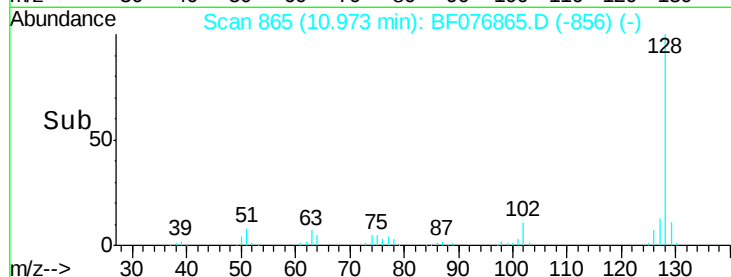
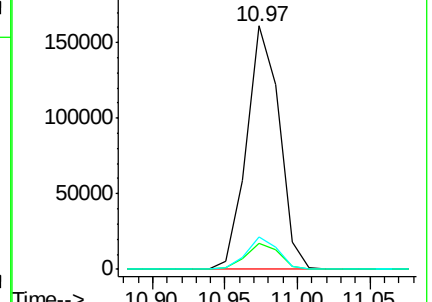
127 13.5 10.2 15.2



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: 24.21 ng

RT: 10.72 min Scan# 843

Delta R.T. -0.01 min

Lab File: BF076865.D

Acq: 14 Jan 2015 18:18

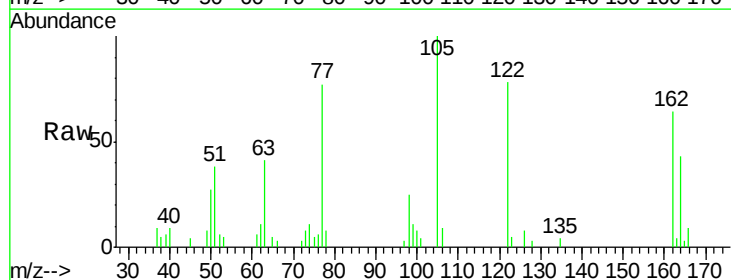
Tgt Ion:122 Resp: 23674

Ion Ratio Lower Upper

122 100

105 128.9 111.3 151.3

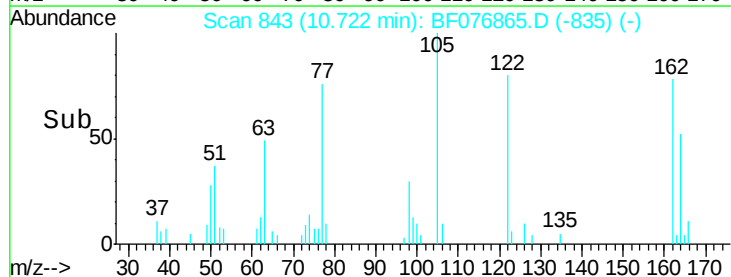
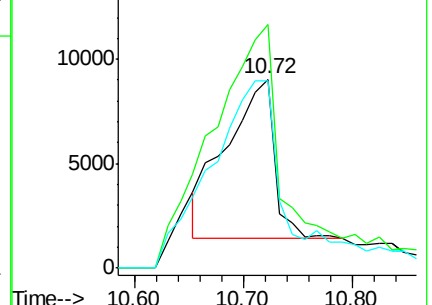
77 99.2 79.2 119.2

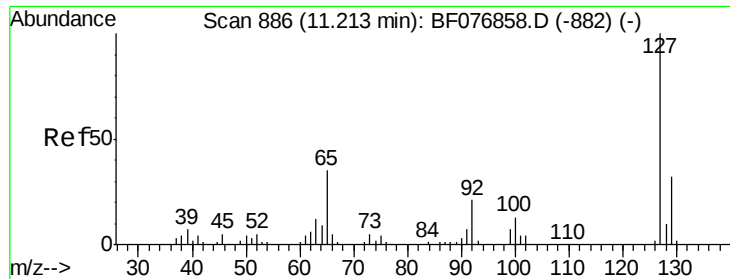


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

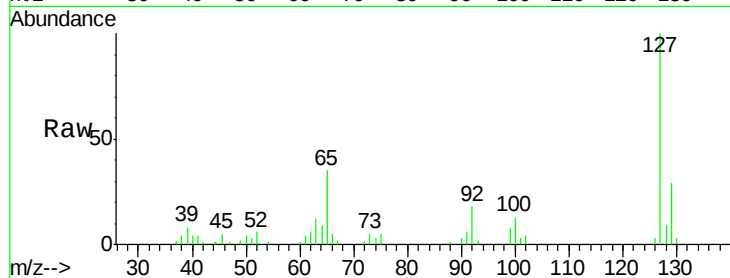




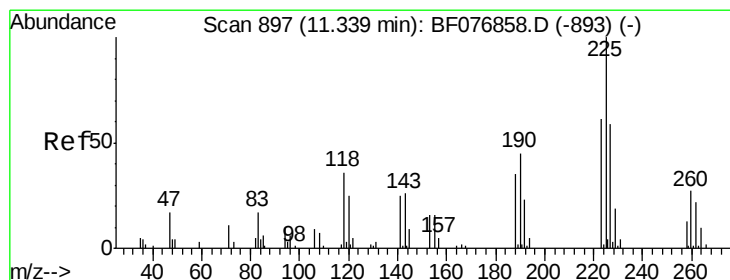
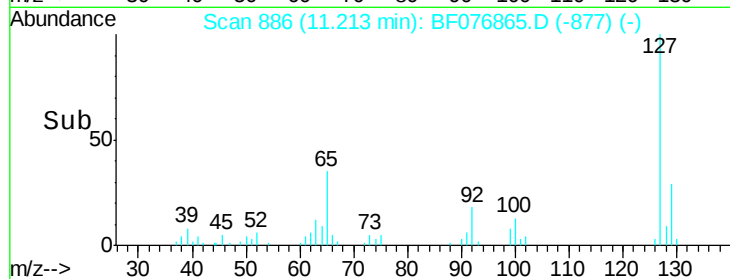
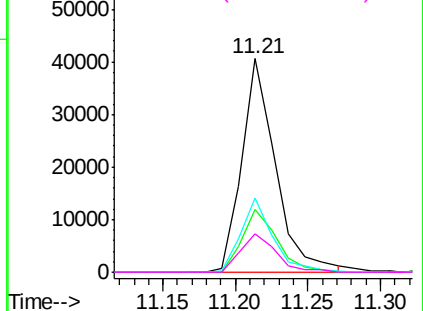
#33
4-Chloroaniline
Concen: 25.46 ng
RT: 11.21 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF076865.D
Acq: 14 Jan 2015 18:18

Instrument :
BNA_F
ClientSampleId :
PB81310BSD

Tot Ion:127	Resp:	65759
Ion	Ratio	Lower Upper
127	100	
129	29.4	25.3 37.9
65	35.0	27.8 41.6
92	18.0	16.5 24.7

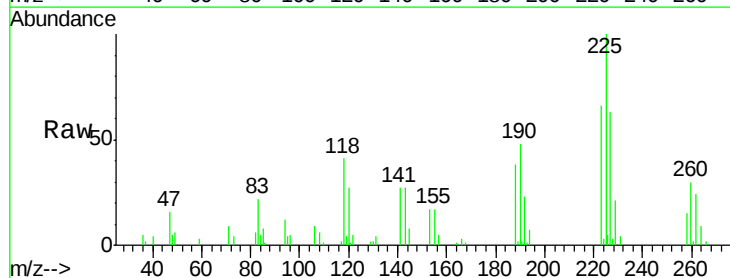


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

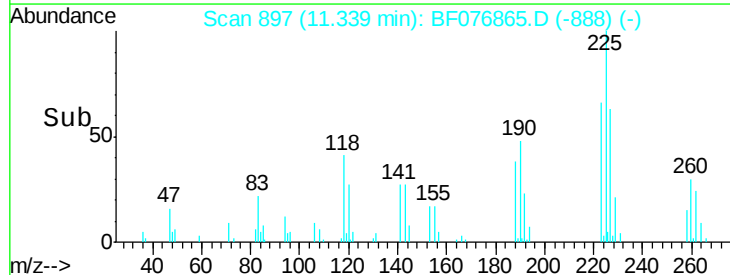
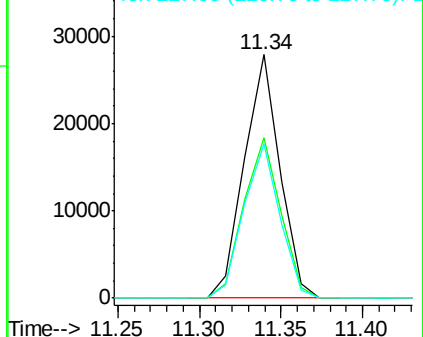


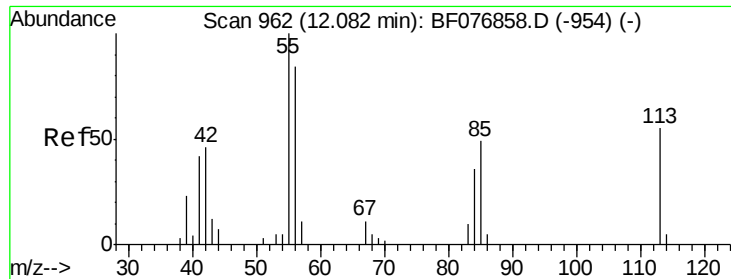
#34
Hexachlorobutadiene
Concen: 38.91 ng
RT: 11.34 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF076865.D
Acq: 14 Jan 2015 18:18

Tgt Ion:225	Resp:	42193
Ion	Ratio	Lower Upper
225	100	
223	65.8	49.1 73.7
227	63.1	47.5 71.3



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

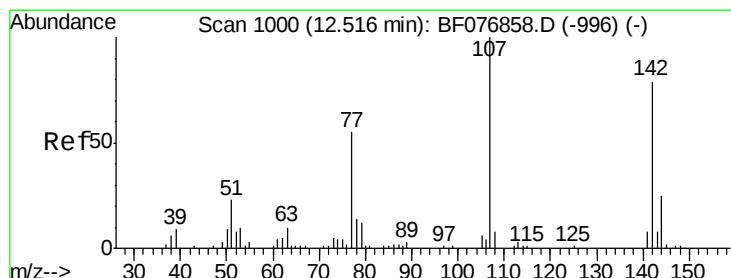
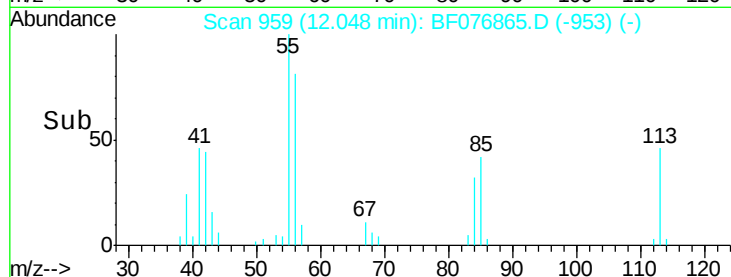
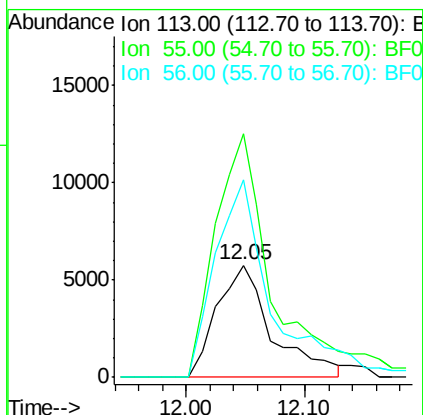
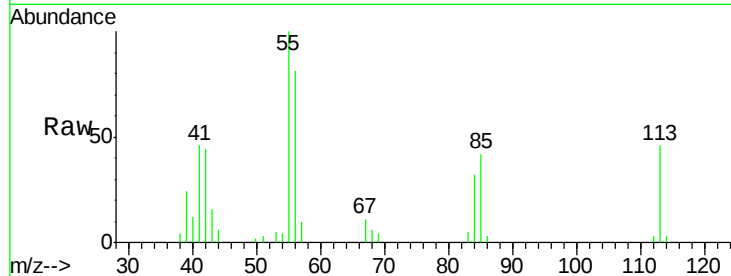




#35
 Caprolactam
 Concen: 38.40 ng
 RT: 12.05 min Scan# 959
 Delta R.T. -0.03 min
 Lab File: BF076865.D
 Acq: 14 Jan 2015 18:18

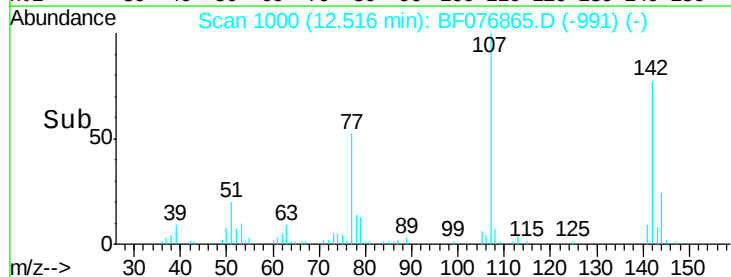
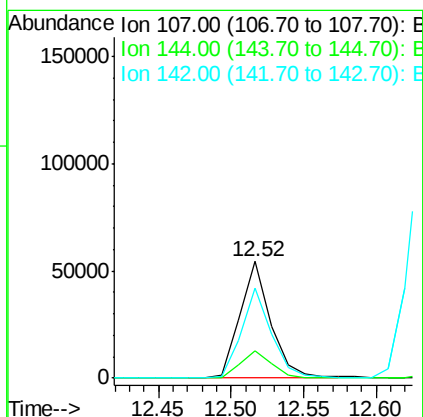
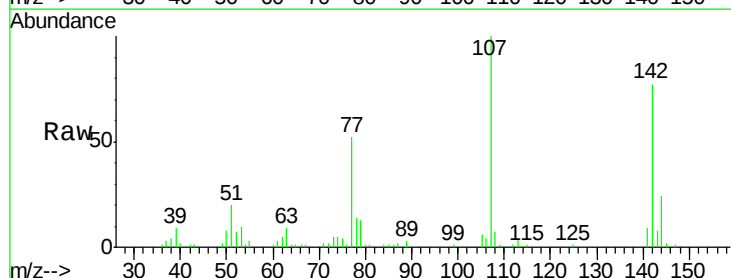
Instrument :
 BNA_F
 ClientSampleId :
 PB81310BSD

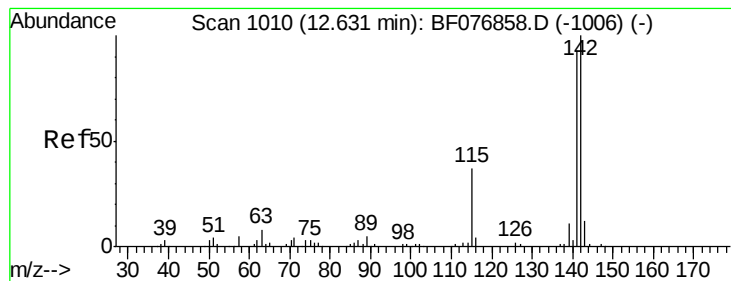
Tot Ion:113 Resp: 18600
 Ion Ratio Lower Upper
 113 100
 55 217.9 162.1 202.1#
 56 176.3 133.7 173.7#



#36
 4-Chloro-3-methylphenol
 Concen: 42.21 ng
 RT: 12.52 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: BF076865.D
 Acq: 14 Jan 2015 18:18

Tgt Ion:107 Resp: 79518
 Ion Ratio Lower Upper
 107 100
 144 23.8 20.0 30.0
 142 76.7 63.5 95.3





#37

2-Methylnaphthalene

Concen: 41.21 ng

RT: 12.63 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BF076865.D

Acq: 14 Jan 2015 18:18

Instrument :

BNA_F

ClientSampleId :

PB81310BSD

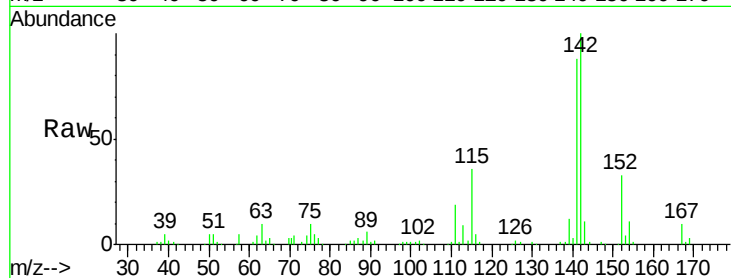
Tot Ion:142 Resp: 179884

Ion Ratio Lower Upper

142 100

141 88.0 74.5 111.7

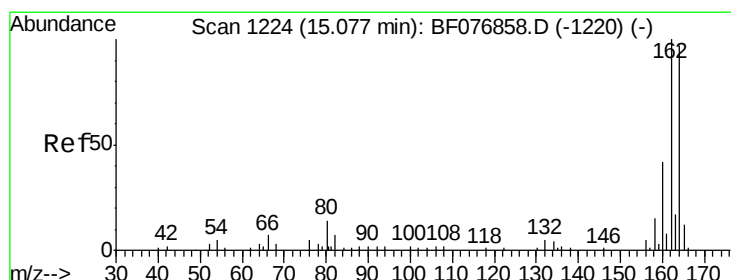
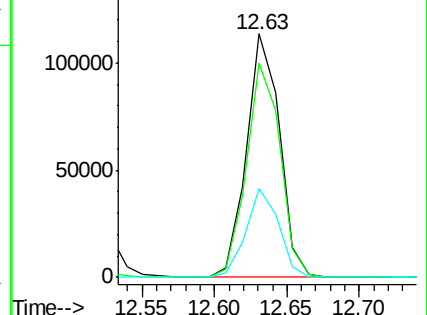
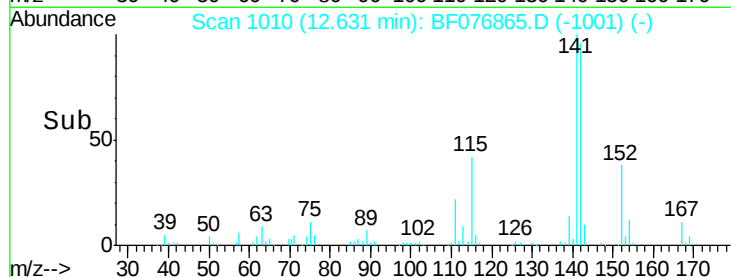
115 36.3 29.7 44.5



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: 15.07 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BF076865.D

Acq: 14 Jan 2015 18:18

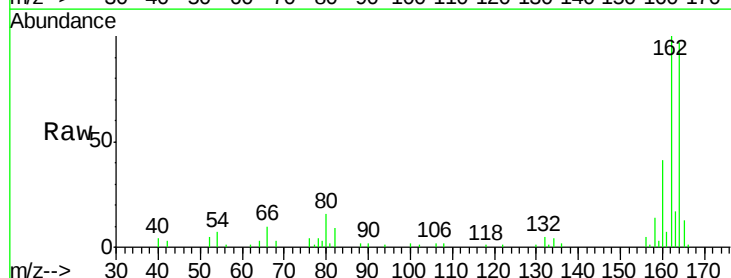
Tgt Ion:164 Resp: 68055

Ion Ratio Lower Upper

164 100

162 103.0 82.4 123.6

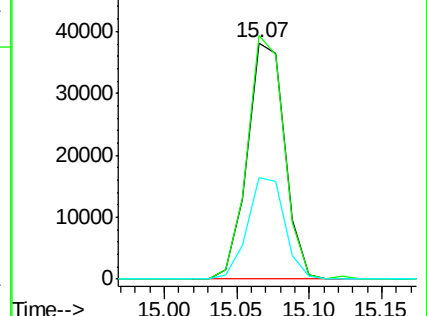
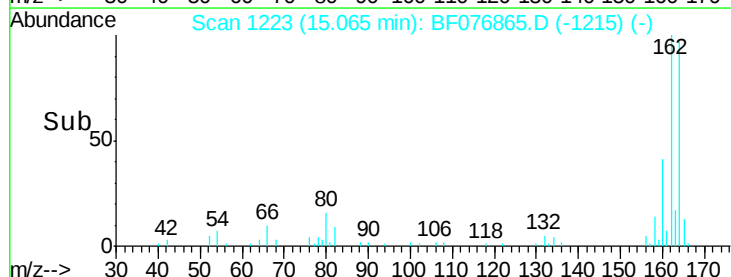
160 42.7 34.8 52.2

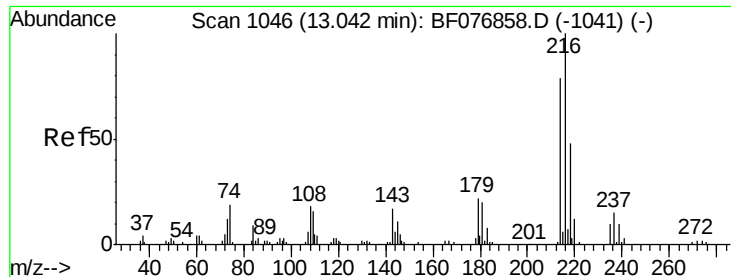


Abundance Ion 164.00 (163.70 to 164.70): E

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: 42.35 ng

RT: 13.04 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF076865.D

Acq: 14 Jan 2015 18:18

Instrument :

BNA_F

ClientSampleId :

PB81310BSD

Tot Ion:216 Resp: 71255

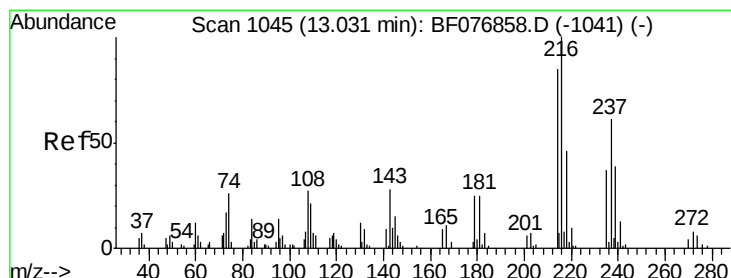
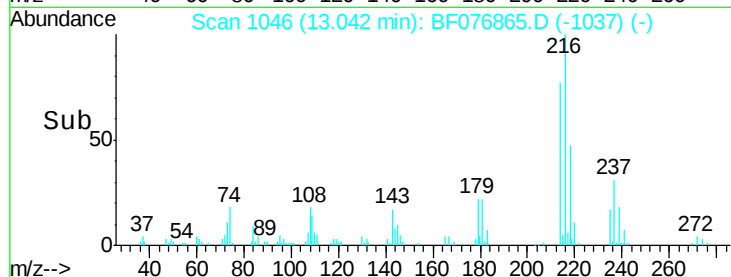
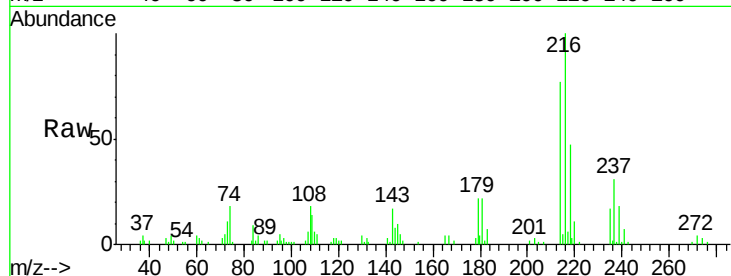
Ion	Ratio	Lower	Upper
216	100		
214	79.8	64.9	97.3
179	23.1	18.6	28.0
108	24.3	18.1	27.1

Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 88.63 ng

RT: 13.03 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BF076865.D

Acq: 14 Jan 2015 18:18

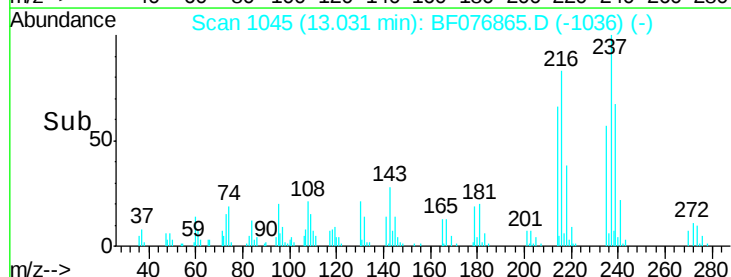
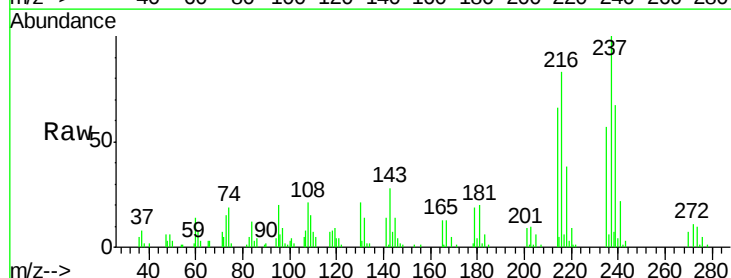
Tgt Ion:237 Resp: 78123

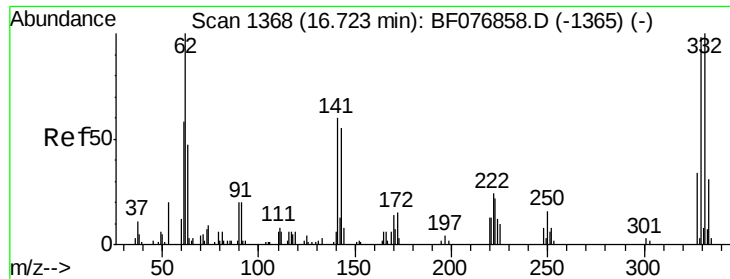
Ion	Ratio	Lower	Upper
237	100		
235	57.3	40.4	80.4
272	11.0	0.0	33.2

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

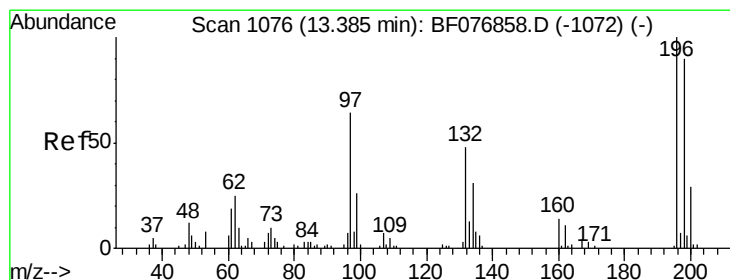
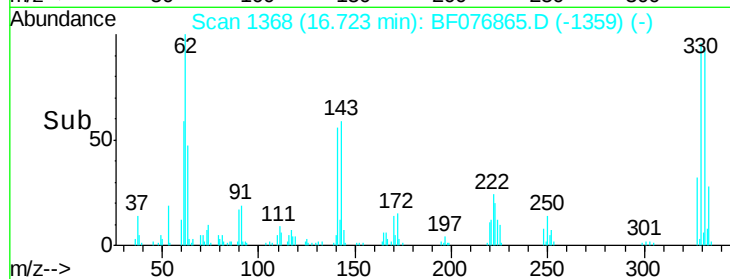
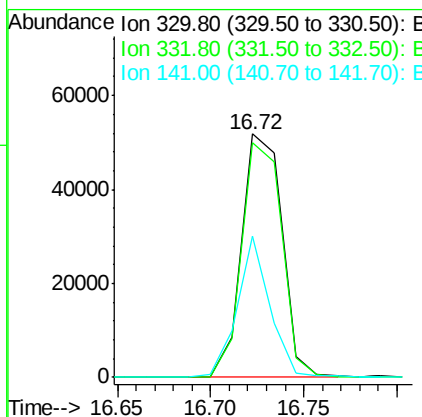
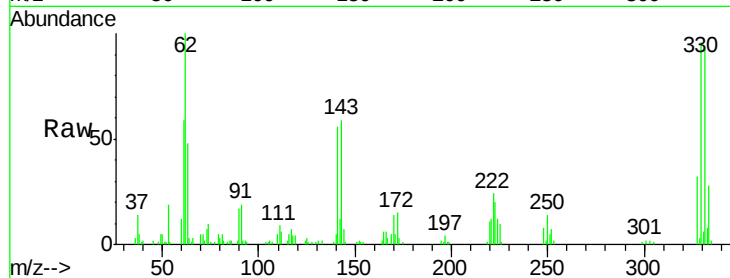




#41
 2,4,6-Tribromophenol
 Concen: 141.04 ng
 RT: 16.72 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: BF076865.D
 Acq: 14 Jan 2015 18:18

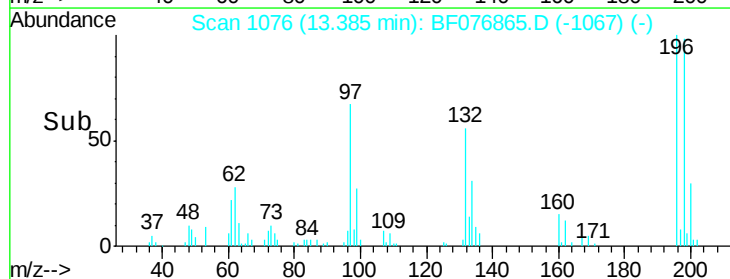
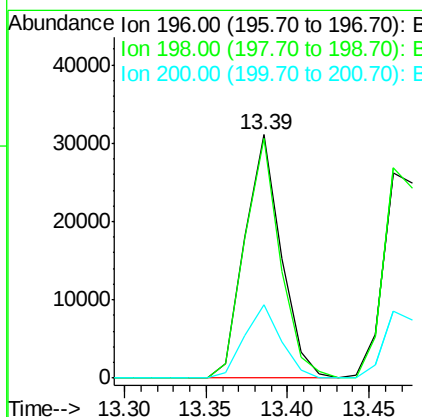
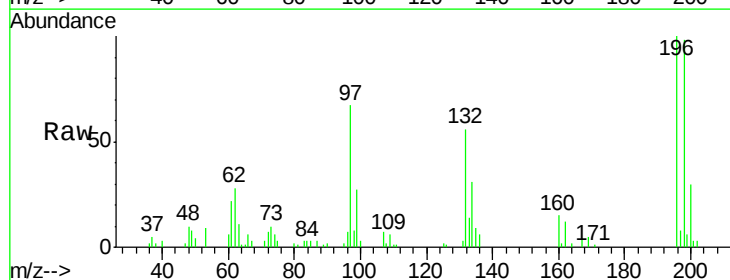
Instrument :
 BNA_F
 ClientSampleId :
 PB81310BSD

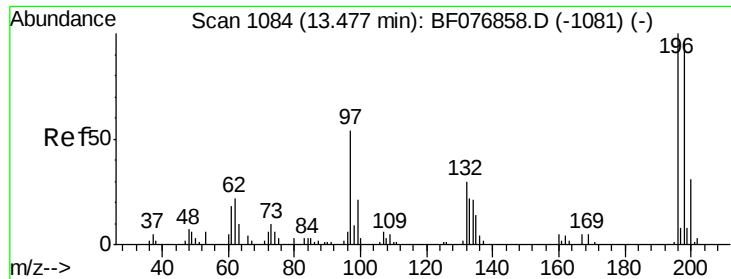
Tot Ion:330 Resp: 77914
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.8 116.6
 141 47.2 38.5 57.7



#42
 2,4,6-Trichlorophenol
 Concen: 39.16 ng
 RT: 13.39 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: BF076865.D
 Acq: 14 Jan 2015 18:18

Tgt Ion:196 Resp: 48006
 Ion Ratio Lower Upper
 196 100
 198 98.4 72.0 108.0
 200 29.9 23.4 35.2

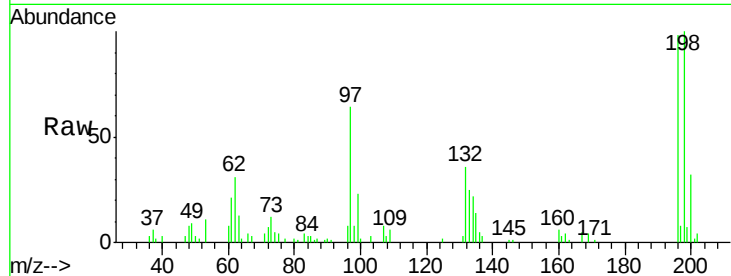




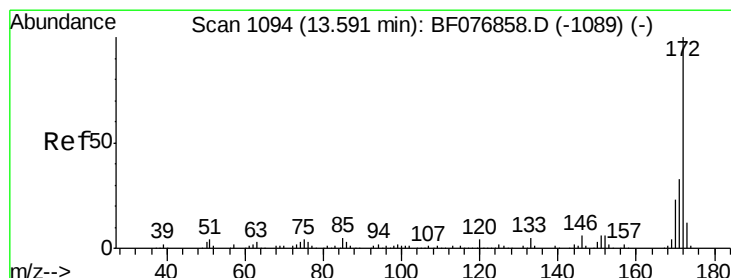
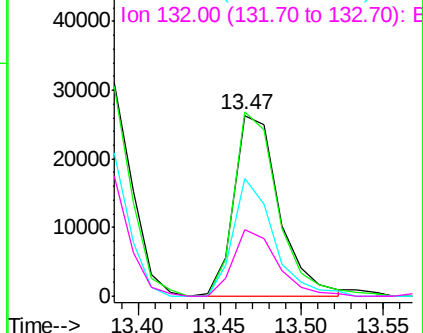
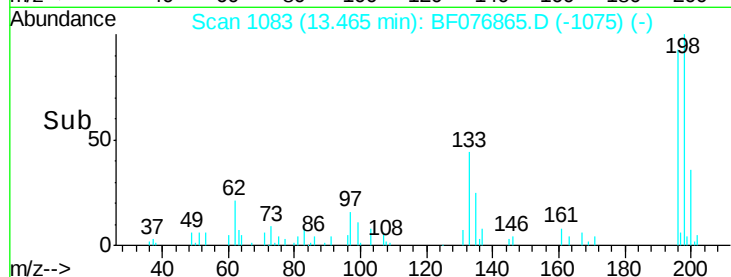
#43
2,4,5-Trichlorophenol
Concen: 40.62 ng
RT: 13.47 min Scan# 1083
Delta R.T. -0.01 min
Lab File: BF076865.D
Acq: 14 Jan 2015 18:18

Instrument :
BNA_F
ClientSampleId :
PB81310BSD

Tot Ion:196 Resp: 50787
Ion Ratio Lower Upper
196 100
198 102.0 76.6 115.0
97 65.3 43.4 65.0#
132 36.7 23.7 35.5#

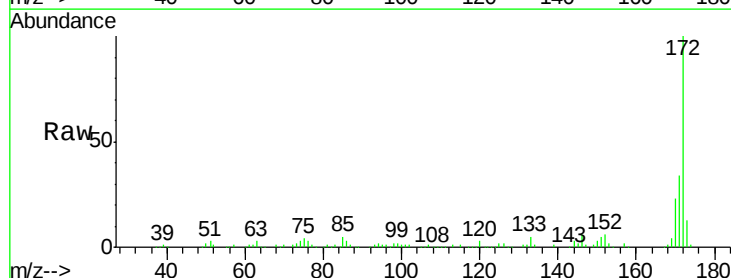


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

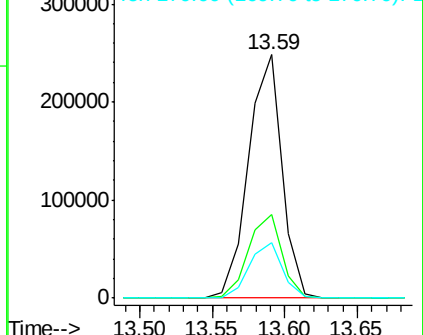
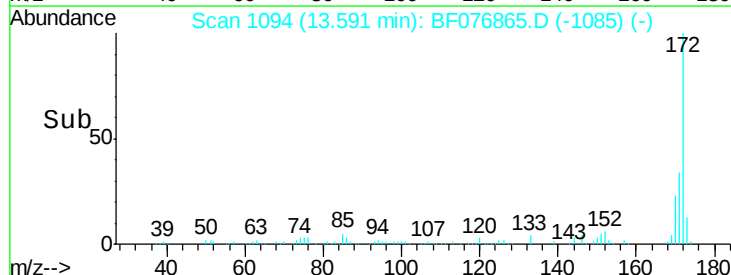


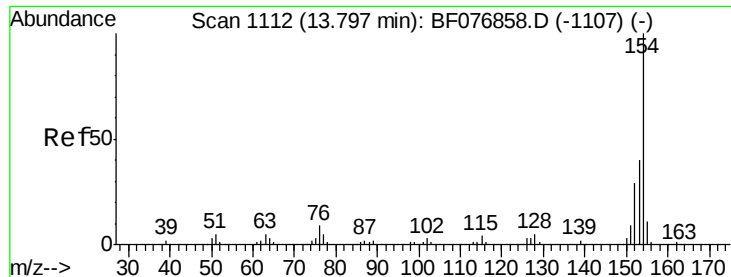
#44
2-Fluorobiphenyl
Concen: 88.39 ng
RT: 13.59 min Scan# 1094
Delta R.T. 0.00 min
Lab File: BF076865.D
Acq: 14 Jan 2015 18:18

Tgt Ion:172 Resp: 395283
Ion Ratio Lower Upper
172 100
171 34.3 26.6 40.0
170 23.0 18.0 27.0



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

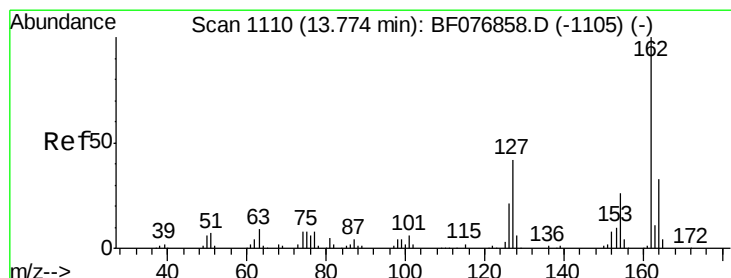
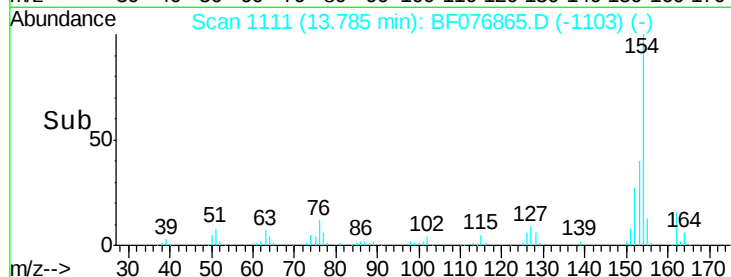
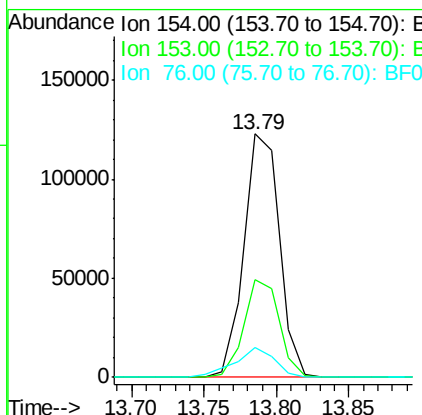
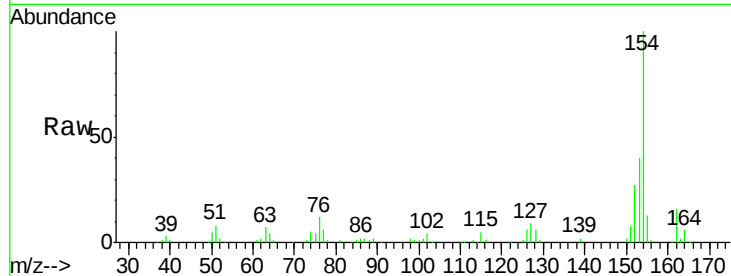




#45
1,1'-Biphenyl
Concen: 41.29 ng
RT: 13.79 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BF076865.D
Acq: 14 Jan 2015 18:18

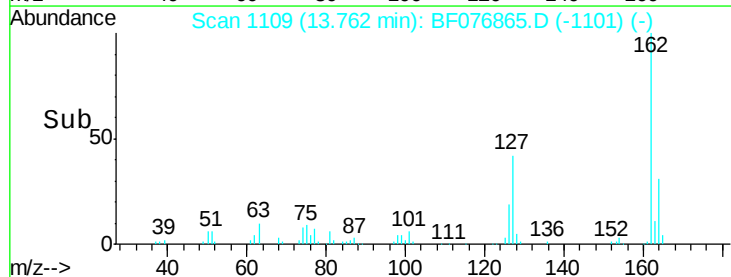
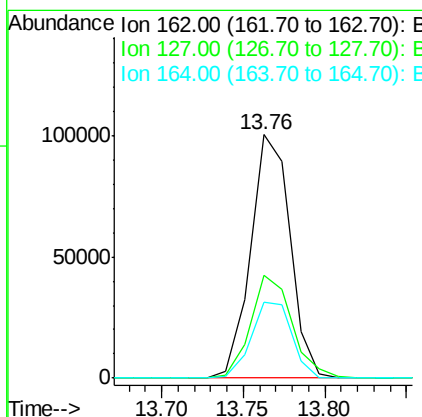
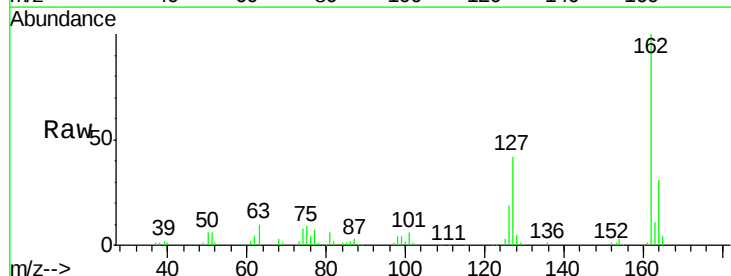
Instrument :
BNA_F
ClientSampleId :
PB81310BSD

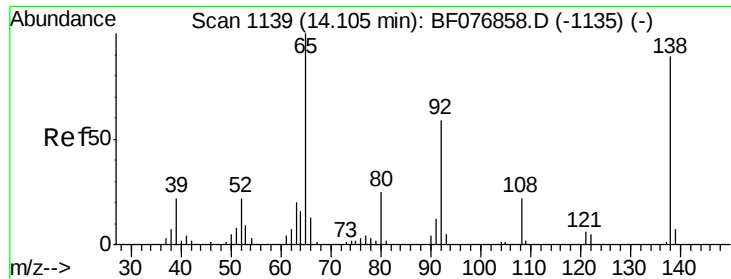
Tot Ion:154 Resp: 208289
Ion Ratio Lower Upper
154 100
153 40.0 20.2 60.2
76 12.5 0.0 29.0



#46
2-Chloronaphthalene
Concen: 40.55 ng
RT: 13.76 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BF076865.D
Acq: 14 Jan 2015 18:18

Tgt Ion:162 Resp: 168361
Ion Ratio Lower Upper
162 100
127 42.4 33.8 50.6
164 30.9 26.8 40.2

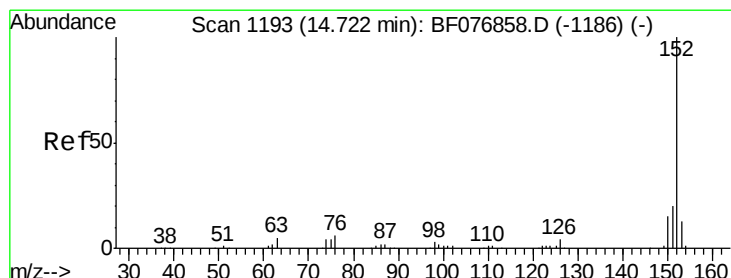
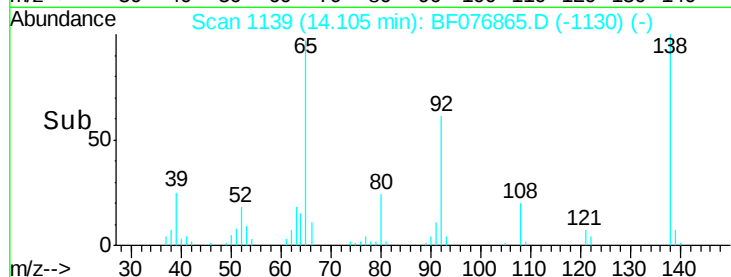
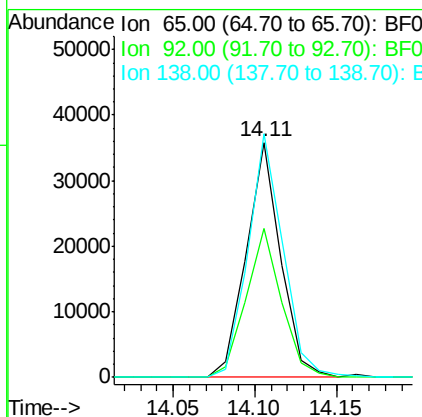
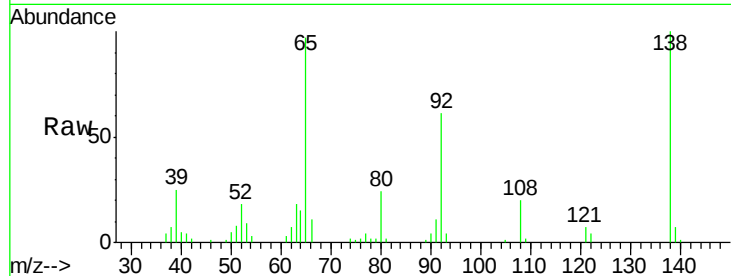




#47
2-Nitroaniline
Concen: 41.67 ng
RT: 14.11 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF076865.D
Acq: 14 Jan 2015 18:18

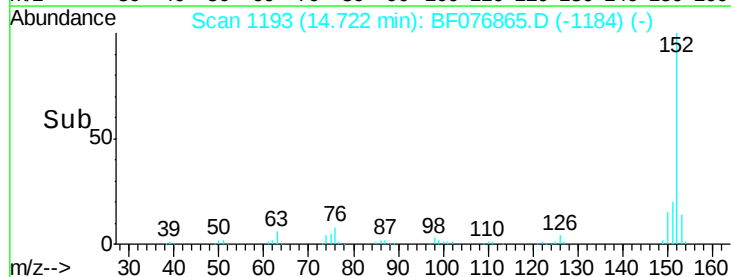
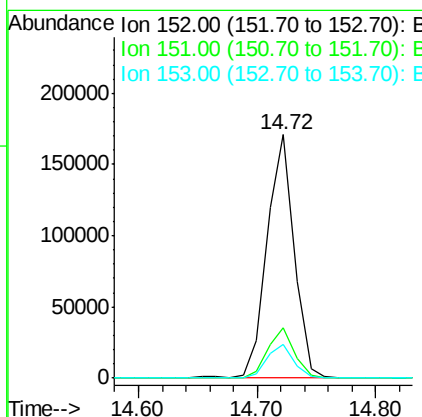
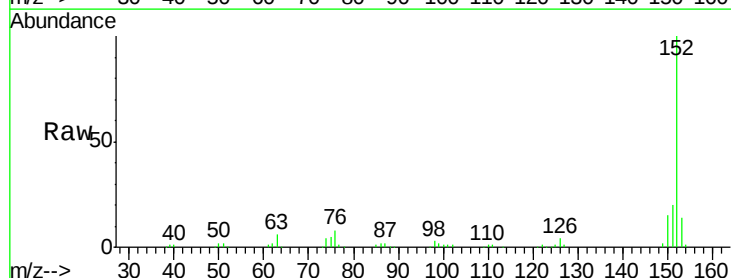
Instrument :
BNA_F
ClientSampleId :
PB81310BSD

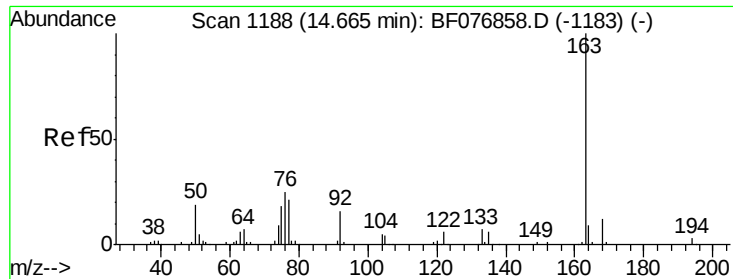
Tot Ion: 65 Resp: 52478
Ion Ratio Lower Upper
65 100
92 63.1 47.3 70.9
138 103.5 71.4 107.2



#48
Acenaphthylene
Concen: 38.89 ng
RT: 14.72 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BF076865.D
Acq: 14 Jan 2015 18:18

Tgt Ion: 152 Resp: 272337
Ion Ratio Lower Upper
152 100
151 20.4 15.9 23.9
153 13.7 10.2 15.4





#49

Dimethylphthalate

Concen: 42.12 ng

RT: 14.65 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF076865.D

Acq: 14 Jan 2015 18:18

Instrument :

BNA_F

ClientSampleId :

PB81310BSD

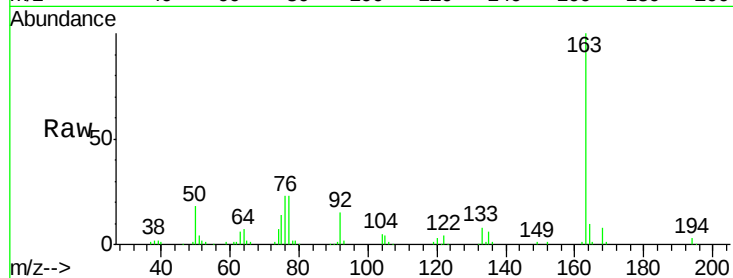
Tot Ion:163 Resp: 203294

Ion Ratio Lower Upper

163 100

194 2.8 2.6 4.0

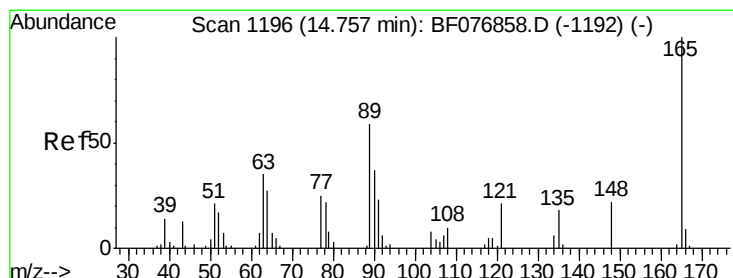
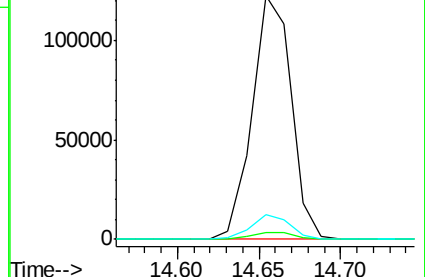
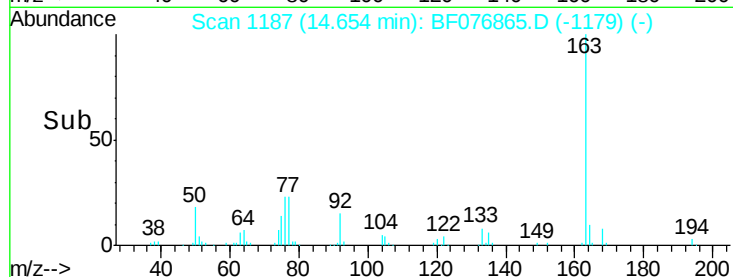
164 10.3 7.5 11.3



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 44.11 ng

RT: 14.76 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BF076865.D

Acq: 14 Jan 2015 18:18

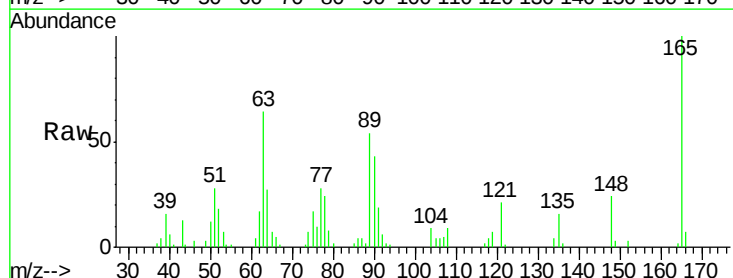
Tgt Ion:165 Resp: 42531

Ion Ratio Lower Upper

165 100

63 64.3 48.1 72.1

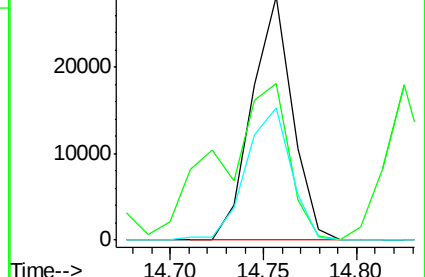
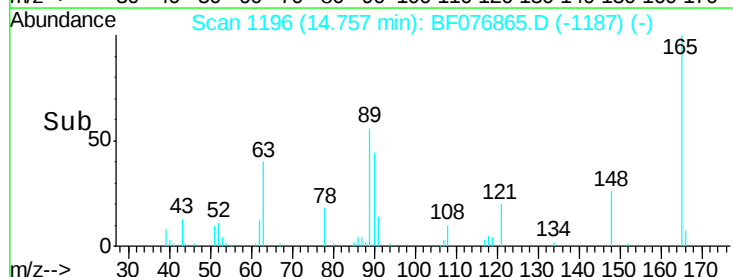
89 54.3 47.2 70.8

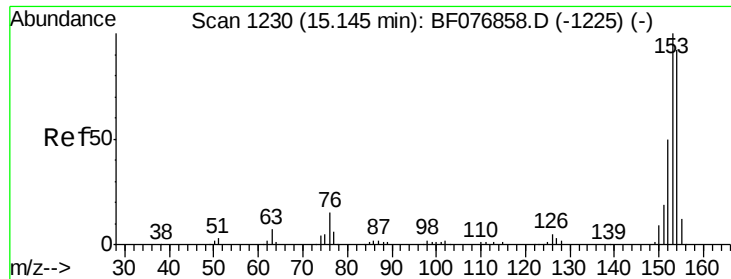


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.91 ng

RT: 15.15 min Scan# 1230

Delta R.T. 0.00 min

Lab File: BF076865.D

Acq: 14 Jan 2015 18:18

Instrument :

BNA_F

ClientSampleId :

PB81310BSD

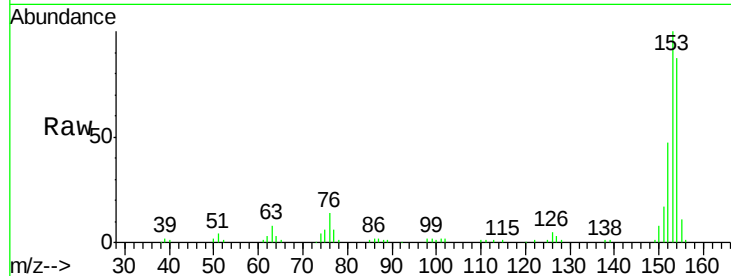
Tot Ion:154 Resp: 154591

Ion Ratio Lower Upper

154 100

153 114.7 87.0 130.6

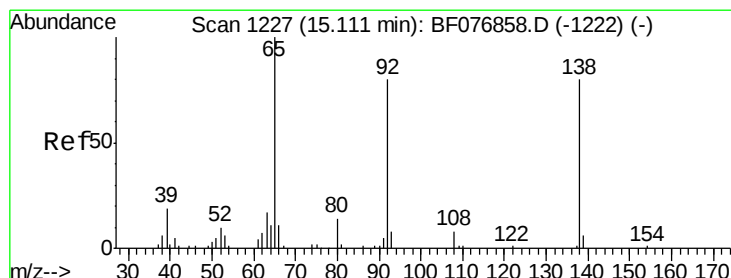
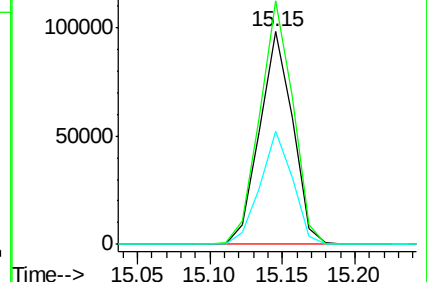
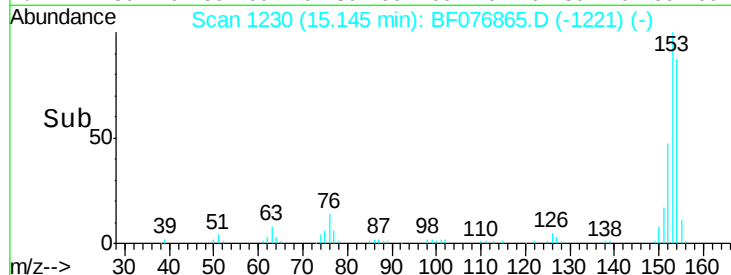
152 53.4 43.5 65.3



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: 28.79 ng

RT: 15.10 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF076865.D

Acq: 14 Jan 2015 18:18

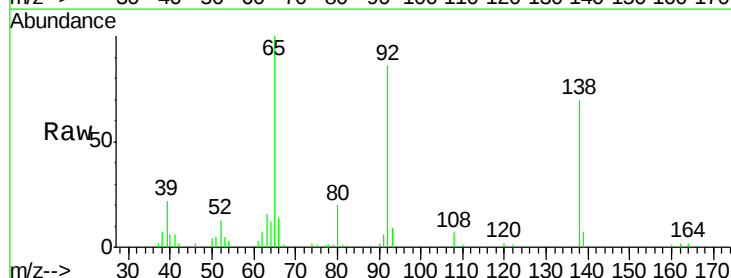
Tgt Ion:138 Resp: 36451

Ion Ratio Lower Upper

138 100

108 9.9 8.3 12.5

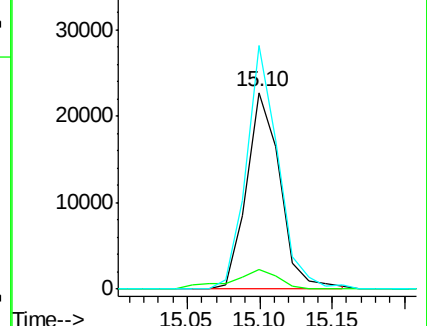
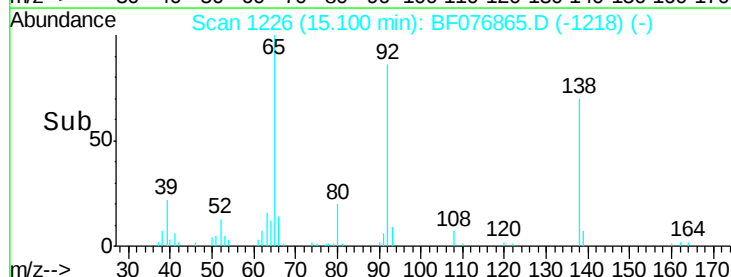
92 123.7 80.9 121.3#

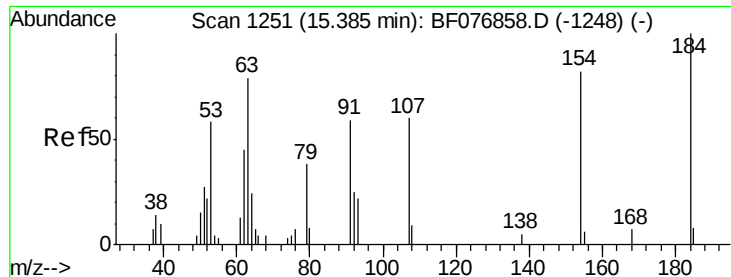


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

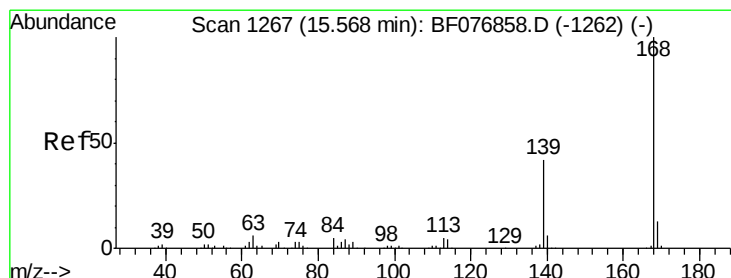
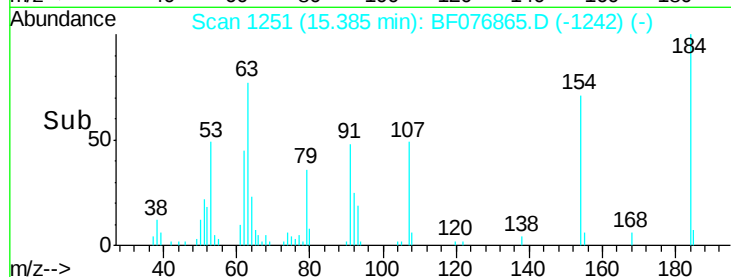
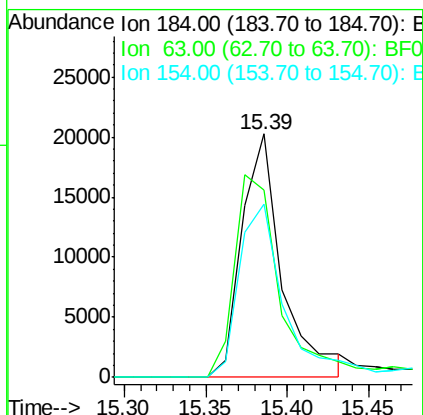
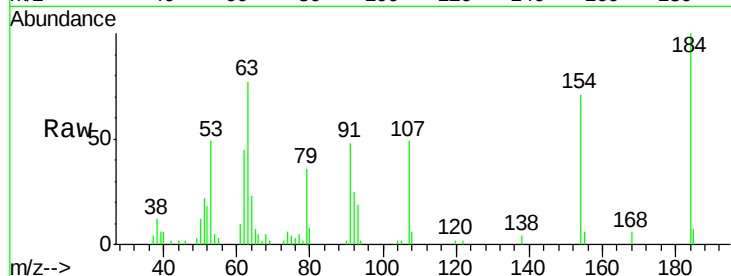




#53
 2,4-Dinitrophenol
 Concen: 82.92 ng
 RT: 15.39 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BF076865.D
 Acq: 14 Jan 2015 18:18

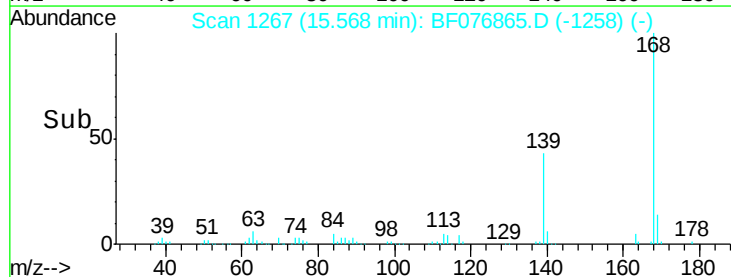
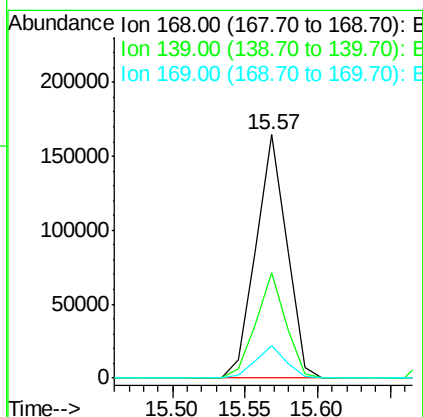
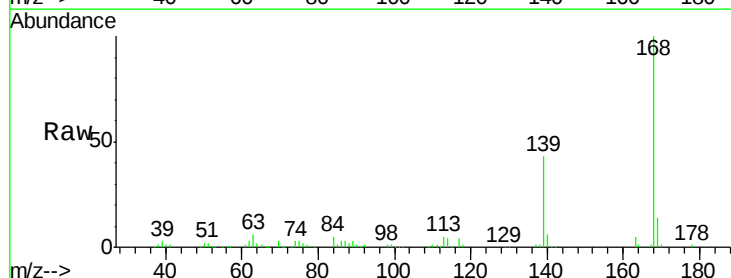
Instrument :
 BNA_F
 ClientSampleId :
 PB81310BSD

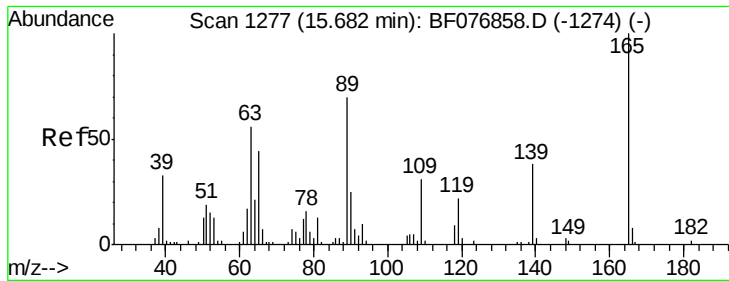
Tot Ion:184 Resp: 34744
 Ion Ratio Lower Upper
 184 100
 63 76.9 63.0 94.6
 154 71.2 65.5 98.3



#54
 Dibenzofuran
 Concen: 42.16 ng
 RT: 15.57 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: BF076865.D
 Acq: 14 Jan 2015 18:18

Tgt Ion:168 Resp: 243990
 Ion Ratio Lower Upper
 168 100
 139 43.4 33.4 50.2
 169 13.5 10.6 15.8

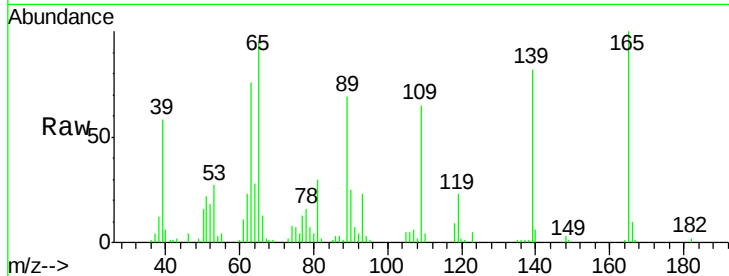




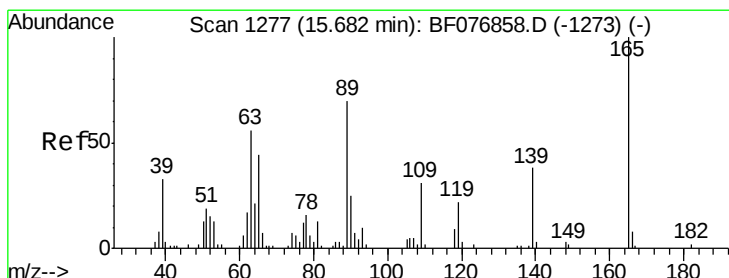
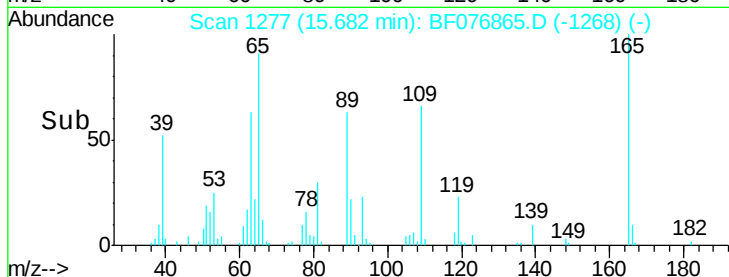
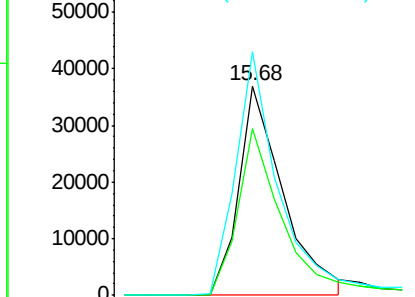
#55
4-Nitrophenol
Concen: 81.05 ng
RT: 15.68 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BF076865.D
Acq: 14 Jan 2015 18:18

Instrument :
BNA_F
ClientSampleId :
PB81310BSD

Tot Ion:139 Resp: 61315
Ion Ratio Lower Upper
139 100
109 79.5 61.0 101.0
65 116.4 96.6 136.6

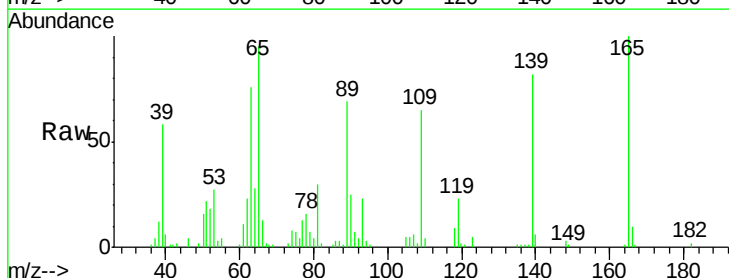


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

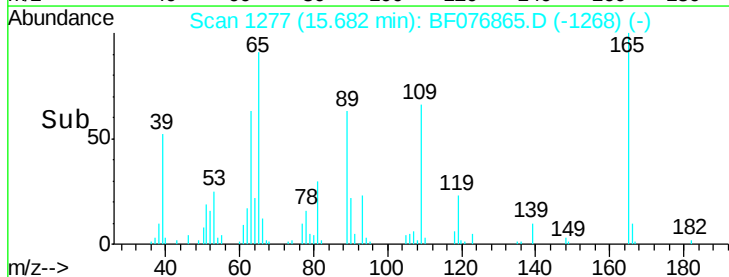
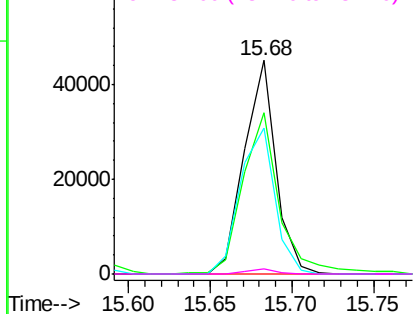


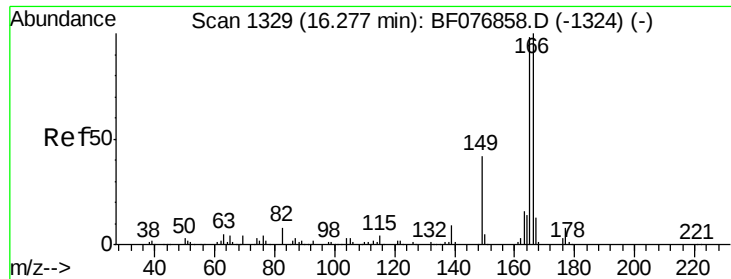
#56
2,4-Dinitrotoluene
Concen: 41.79 ng
RT: 15.68 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BF076865.D
Acq: 14 Jan 2015 18:18

Tgt Ion:165 Resp: 60789
Ion Ratio Lower Upper
165 100
63 75.7 44.8 67.2#
89 68.6 56.2 84.2
182 2.3 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

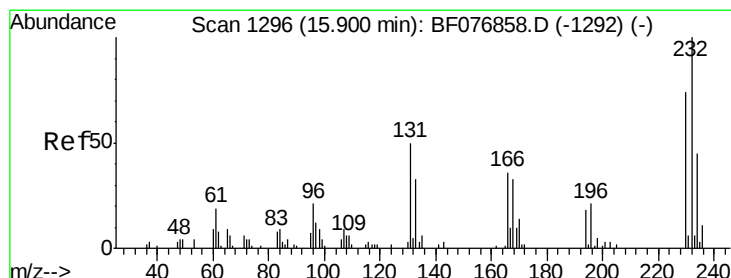
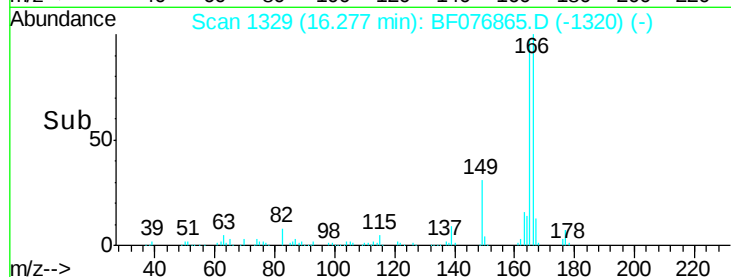
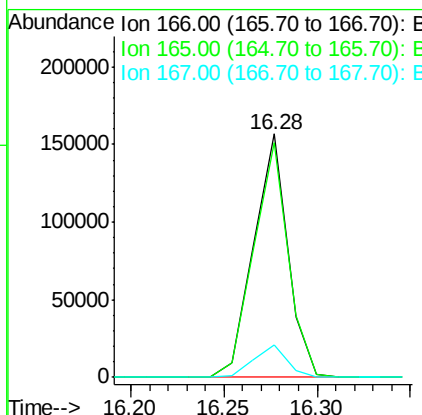
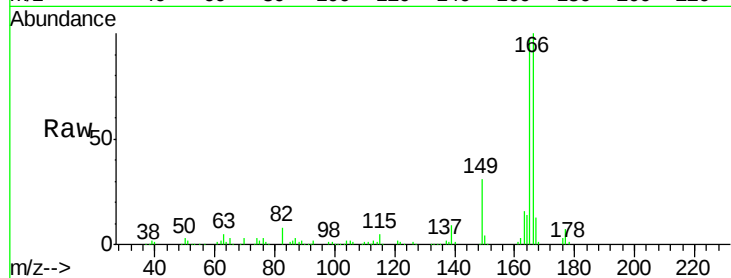




#57
 Fluorene
 Concen: 40.38 ng
 RT: 16.28 min Scan# 1329
 Delta R.T. 0.00 min
 Lab File: BF076865.D
 Acq: 14 Jan 2015 18:18

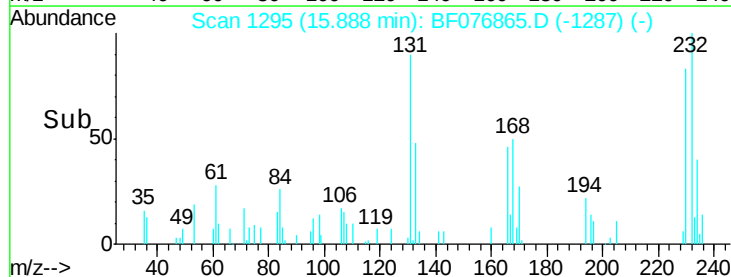
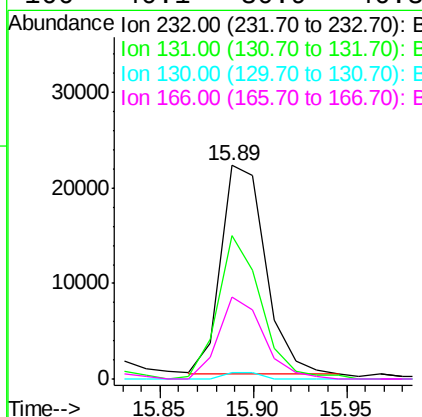
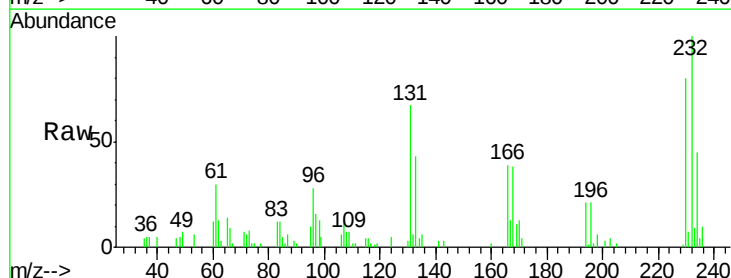
Instrument :
 BNA_F
 ClientSampleId :
 PB81310BSD

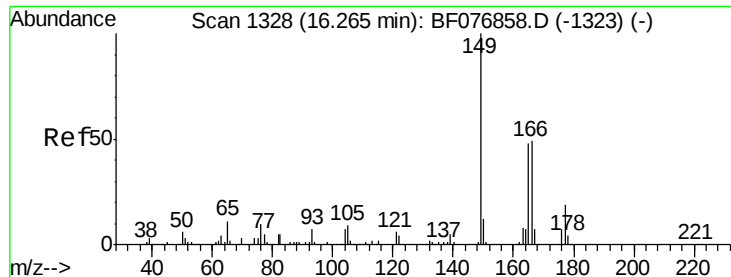
Tot Ion:166 Resp: 198006
 Ion Ratio Lower Upper
 166 100
 165 96.5 78.5 117.7
 167 13.2 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.16 ng
 RT: 15.89 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF076865.D
 Acq: 14 Jan 2015 18:18

Tgt Ion:232 Resp: 36562
 Ion Ratio Lower Upper
 232 100
 131 66.9 45.0 67.6
 130 2.5 2.6 3.8#
 166 40.1 30.9 46.3

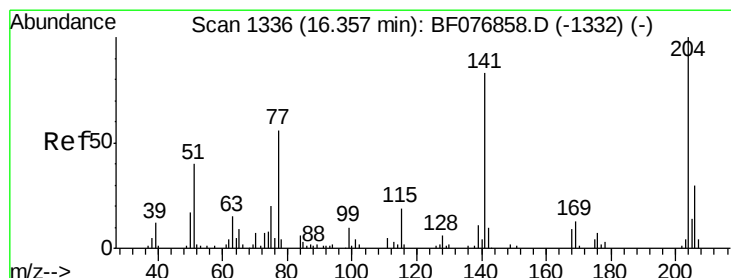
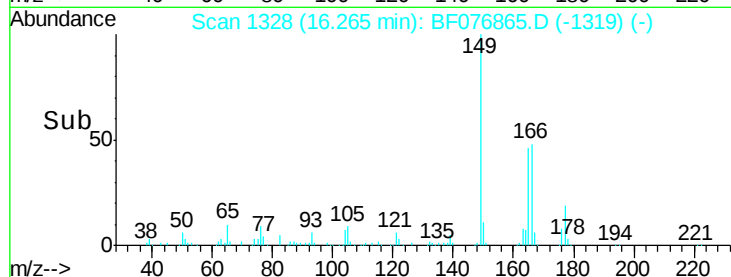
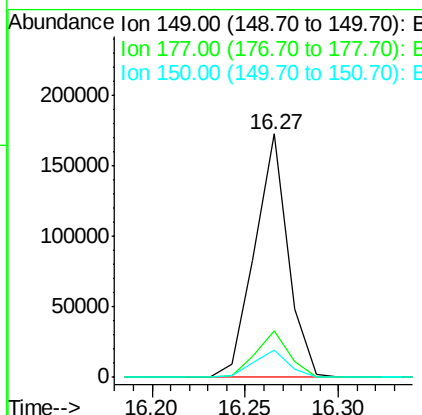
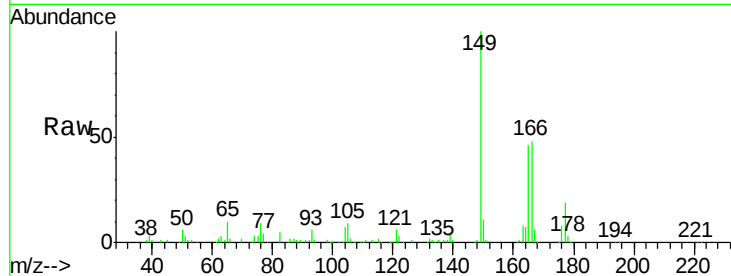




#59
Diethylphthalate
Concen: 44.23 ng
RT: 16.27 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF076865.D
Acq: 14 Jan 2015 18:18

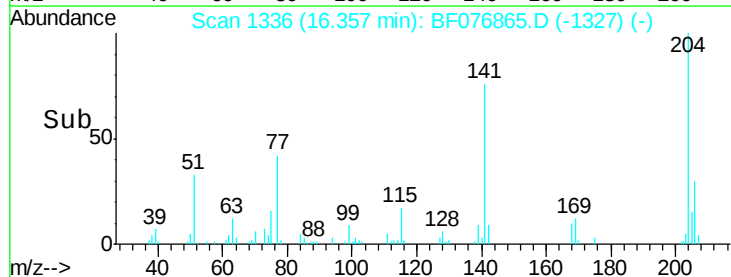
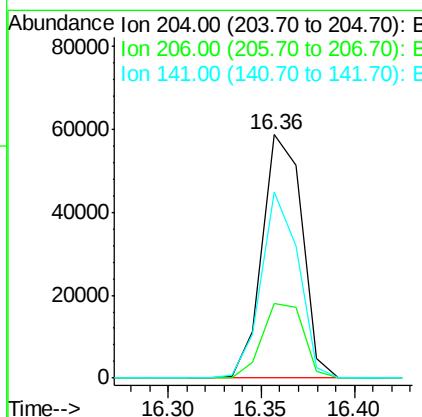
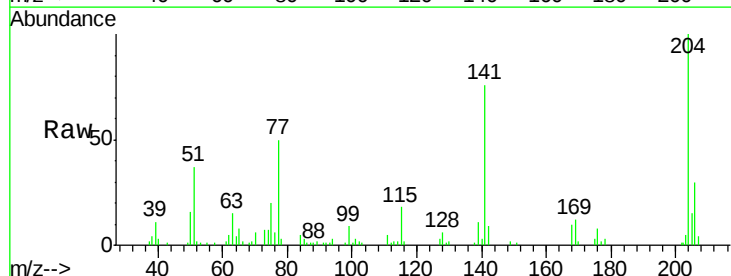
Instrument :
BNA_F
ClientSampleId :
PB81310BSD

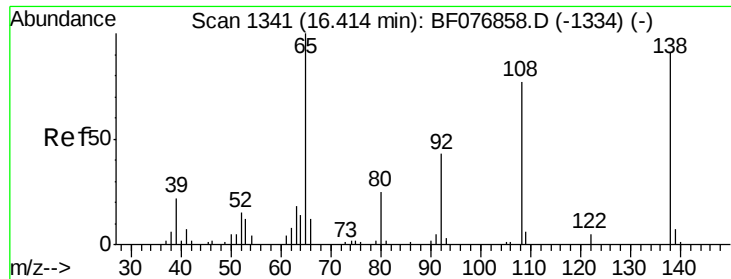
Tot Ion:149 Resp: 215750
Ion Ratio Lower Upper
149 100
177 19.2 15.0 22.6
150 11.3 9.4 14.0



#60
4-Chlorophenyl-phenylether
Concen: 43.23 ng
RT: 16.36 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF076865.D
Acq: 14 Jan 2015 18:18

Tgt Ion:204 Resp: 86735
Ion Ratio Lower Upper
204 100
206 30.5 24.2 36.2
141 76.4 66.7 100.1

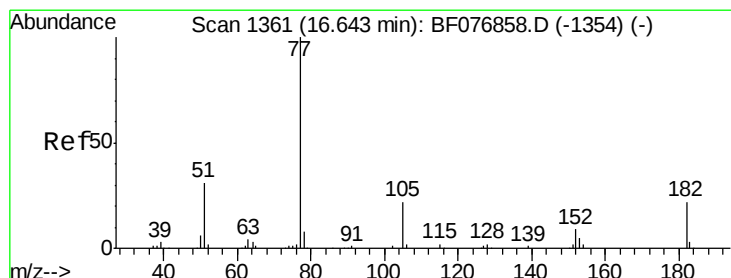
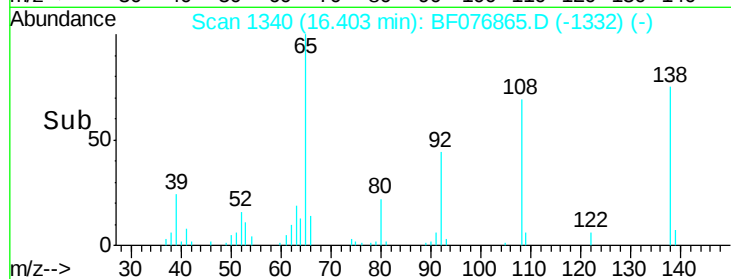
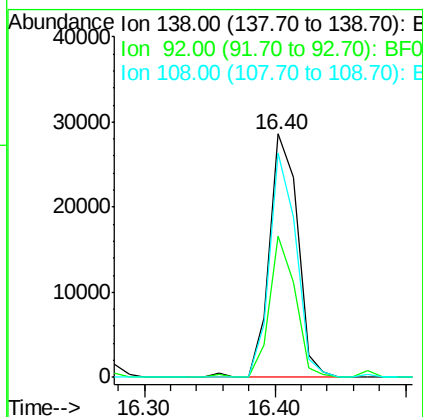
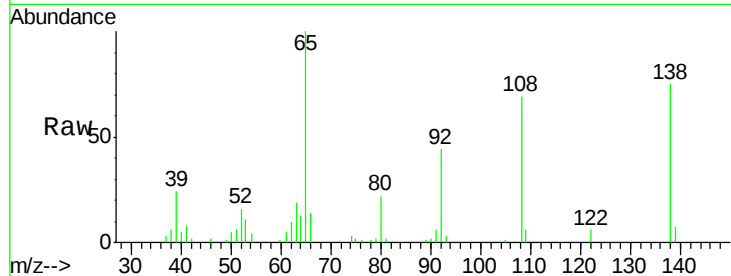




#61
4-Nitroaniline
Concen: 35.19 ng
RT: 16.40 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF076865.D
Acq: 14 Jan 2015 18:18

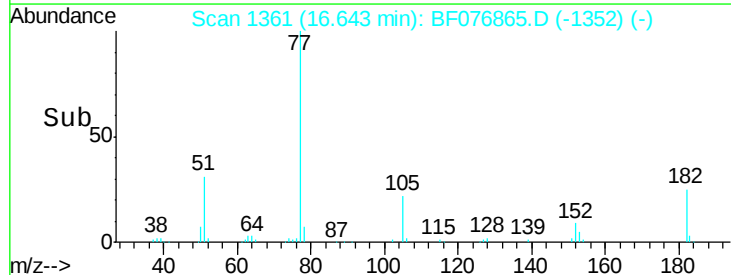
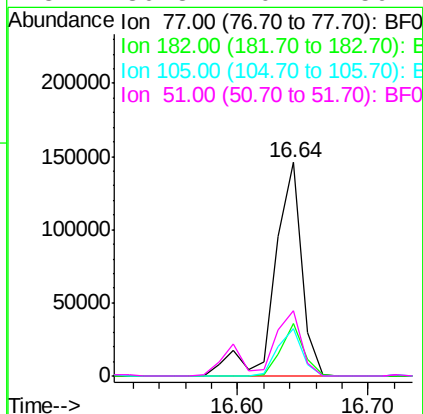
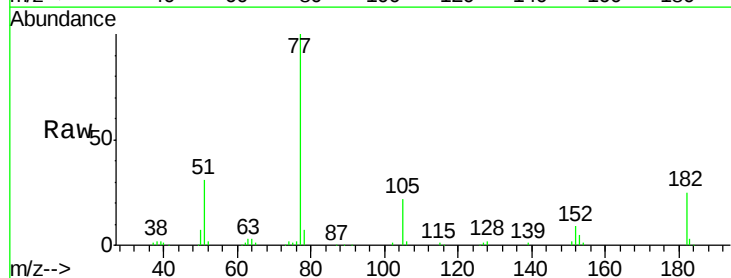
Instrument :
BNA_F
ClientSampleId :
PB81310BSD

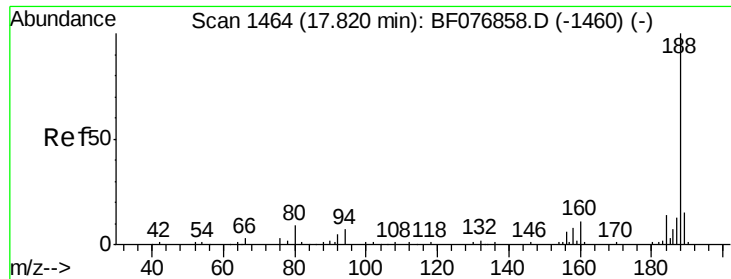
Tot Ion:138 Resp: 42948
Ion Ratio Lower Upper
138 100
92 58.1 26.7 66.7
108 92.3 64.5 104.5



#62
Azobenzene
Concen: 42.01 ng
RT: 16.64 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF076865.D
Acq: 14 Jan 2015 18:18

Tgt Ion: 77 Resp: 213524
Ion Ratio Lower Upper
77 100
182 24.5 2.0 42.0
105 22.3 2.3 42.3
51 30.8 10.7 50.7

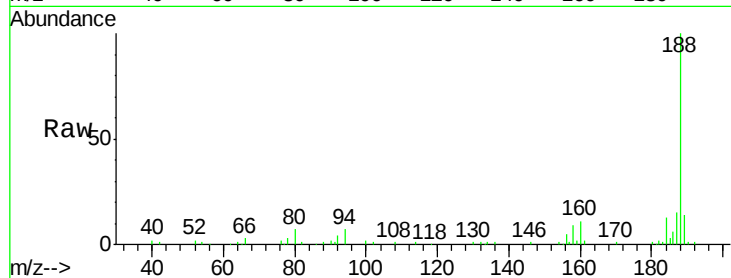




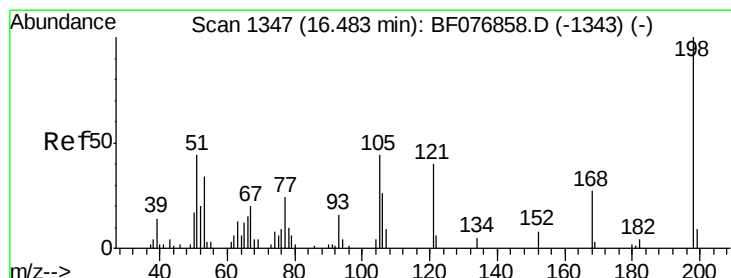
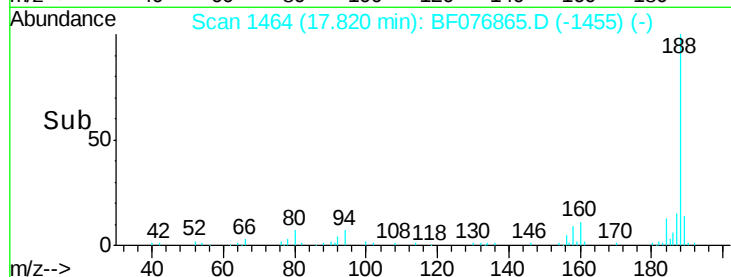
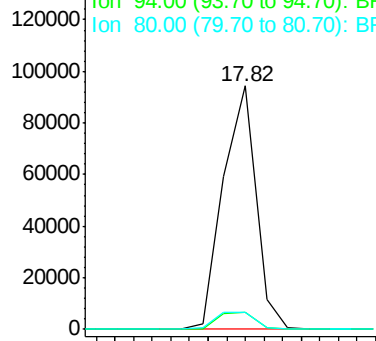
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.82 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BF076865.D
Acq: 14 Jan 2015 18:18

Instrument :
BNA_F
ClientSampleId :
PB81310BSD

Tot Ion:188 Resp: 115022
Ion Ratio Lower Upper
188 100
94 6.8 6.0 9.0
80 7.0 6.9 10.3

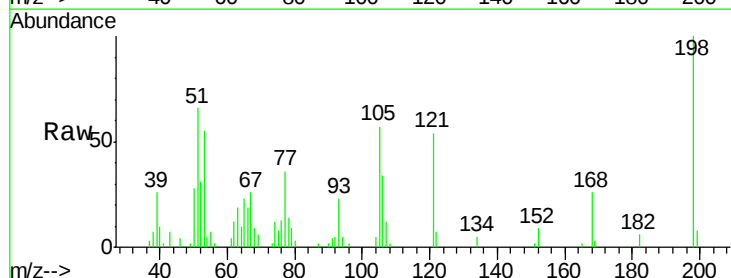


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

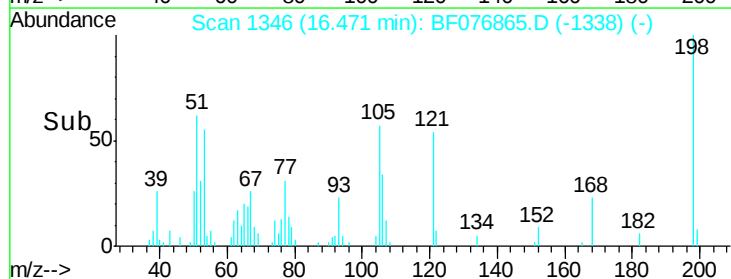
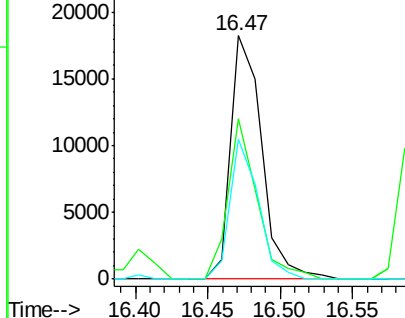


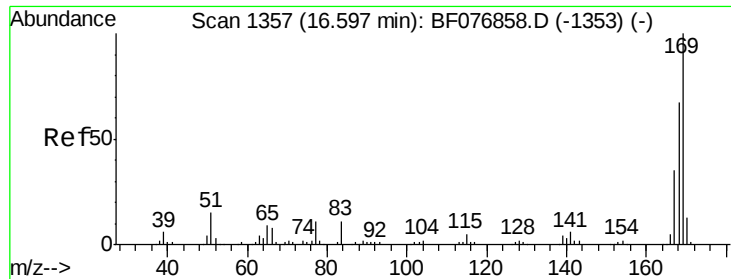
#64
4,6-Dinitro-2-methylphenol
Concen: 36.55 ng
RT: 16.47 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF076865.D
Acq: 14 Jan 2015 18:18

Tgt Ion:198 Resp: 27282
Ion Ratio Lower Upper
198 100
51 66.0 24.2 64.2#
105 57.2 24.0 64.0



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

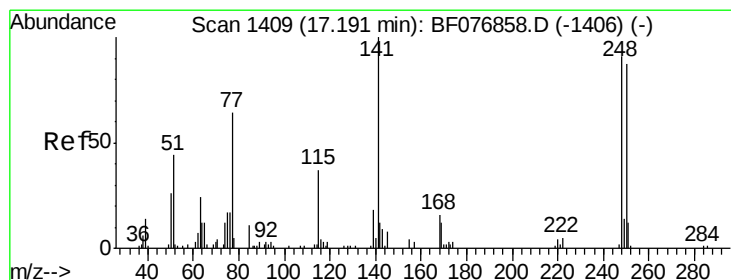
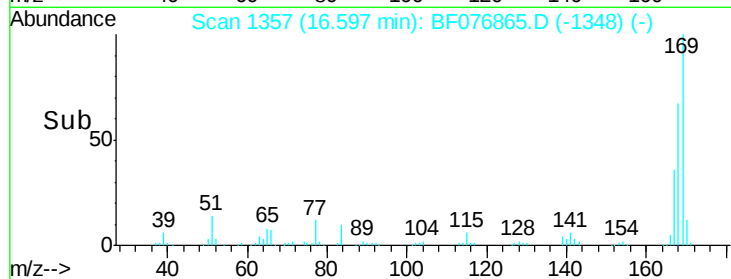
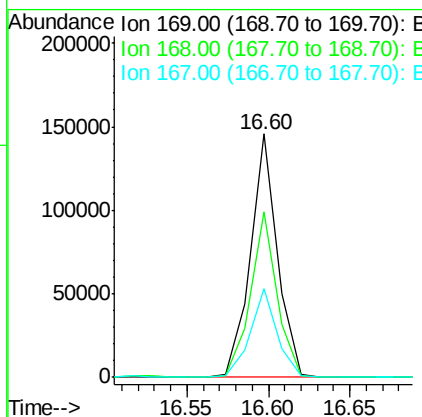
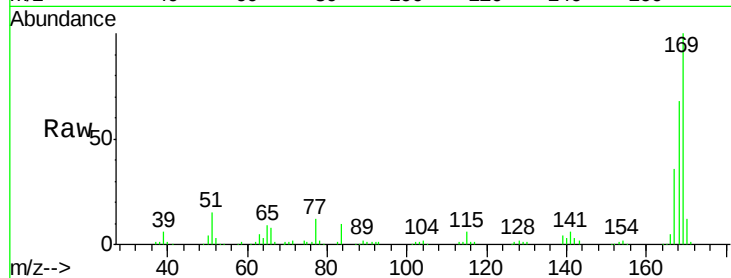




#65
n-Nitrosodiphenylamine
Concen: 40.65 ng
RT: 16.60 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BF076865.D
Acq: 14 Jan 2015 18:18

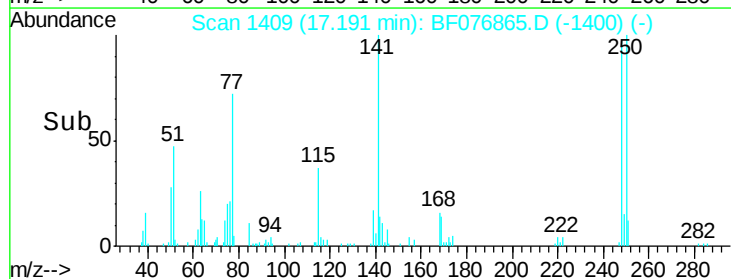
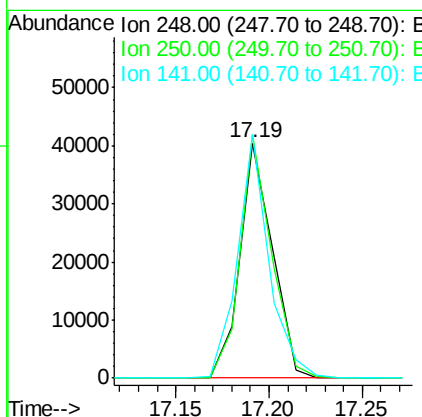
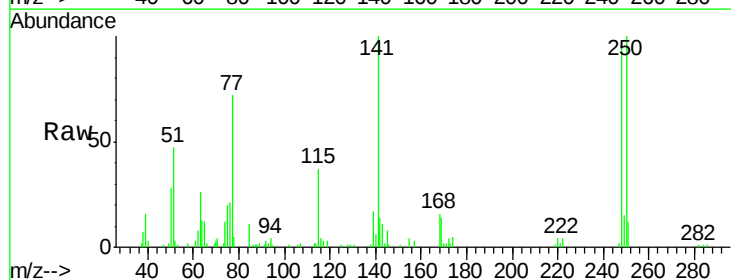
Instrument :
BNA_F
ClientSampleId :
PB81310BSD

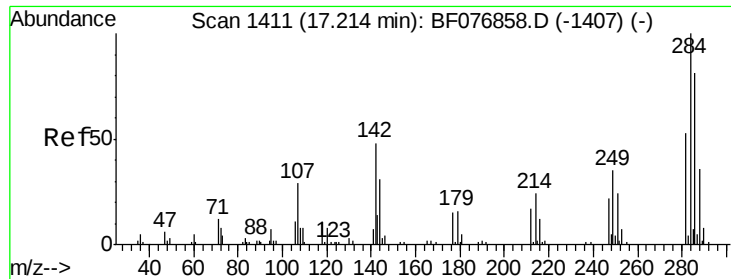
Tot Ion:169 Resp: 166731
Ion Ratio Lower Upper
169 100
168 67.8 53.8 80.6
167 36.4 27.8 41.6



#66
4-Bromophenyl-phenylether
Concen: 42.14 ng
RT: 17.19 min Scan# 1409
Delta R.T. 0.00 min
Lab File: BF076865.D
Acq: 14 Jan 2015 18:18

Tgt Ion:248 Resp: 49110
Ion Ratio Lower Upper
248 100
250 103.5 77.1 115.7
141 103.6 88.2 132.4





#67

Hexachlorobenzene

Concen: 42.84 ng

RT: 17.21 min Scan# 1411

Delta R.T. 0.00 min

Lab File: BF076865.D

Acq: 14 Jan 2015 18:18

Instrument :

BNA_F

ClientSampleId :

PB81310BSD

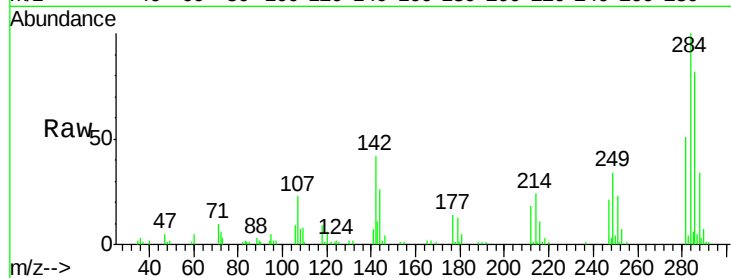
Tot Ion:284 Resp: 52610

Ion Ratio Lower Upper

284 100

142 41.9 38.2 57.4

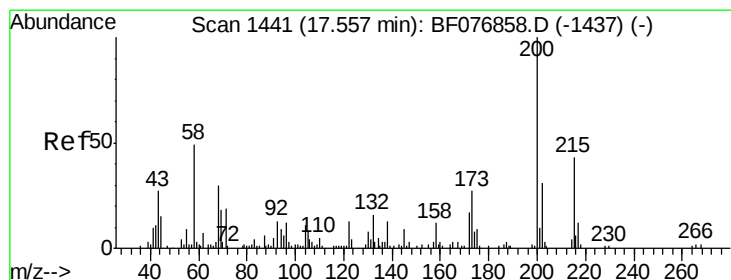
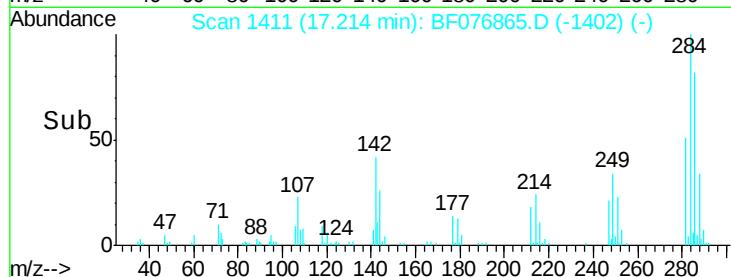
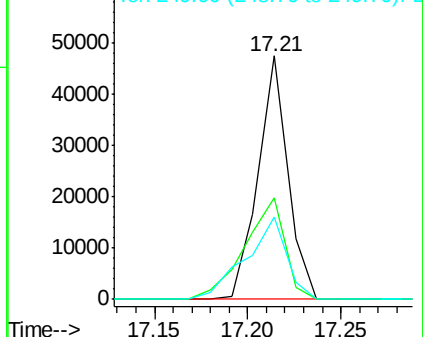
249 33.8 28.2 42.2



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: 50.39 ng

RT: 17.56 min Scan# 1441

Delta R.T. 0.00 min

Lab File: BF076865.D

Acq: 14 Jan 2015 18:18

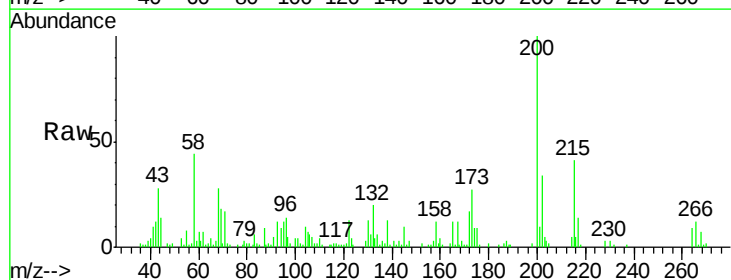
Tgt Ion:200 Resp: 62707

Ion Ratio Lower Upper

200 100

173 27.1 6.6 46.6

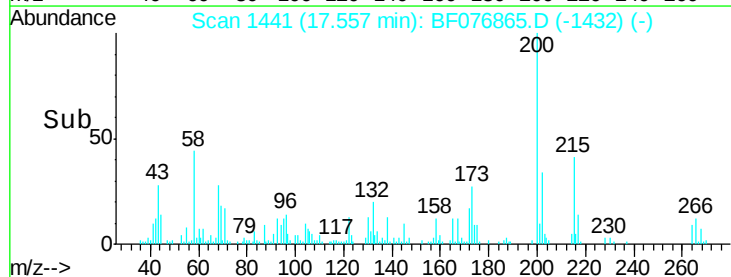
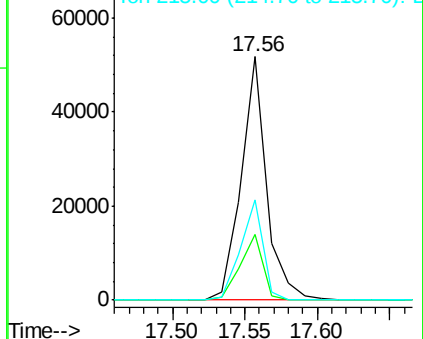
215 41.0 22.9 62.9

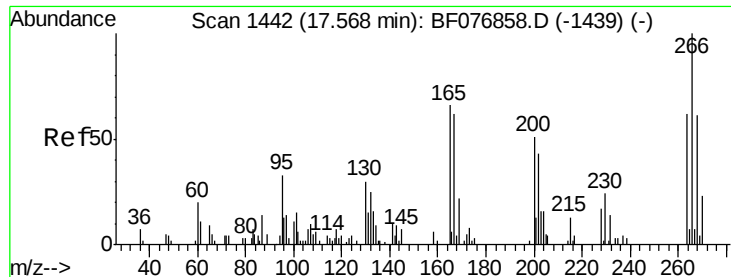


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

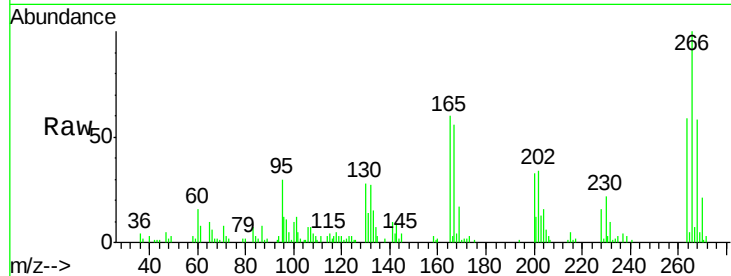




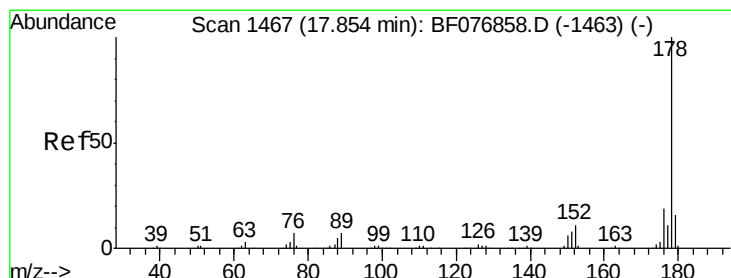
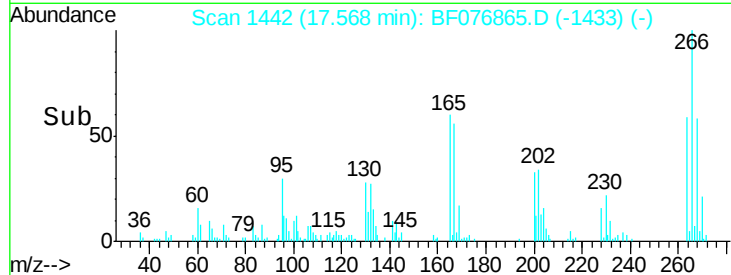
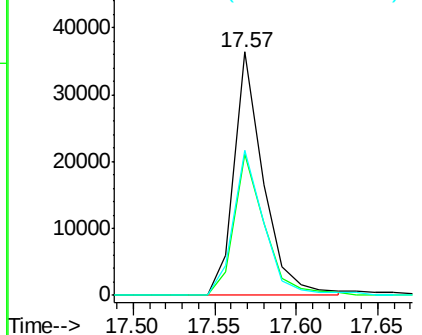
#69
 Pentachlorophenol
 Concen: 83.99 ng
 RT: 17.57 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: BF076865.D
 Acq: 14 Jan 2015 18:18

Instrument :
 BNA_F
 ClientSampleId :
 PB81310BSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	58.2	48.6	72.8
264	59.4	49.5	74.3

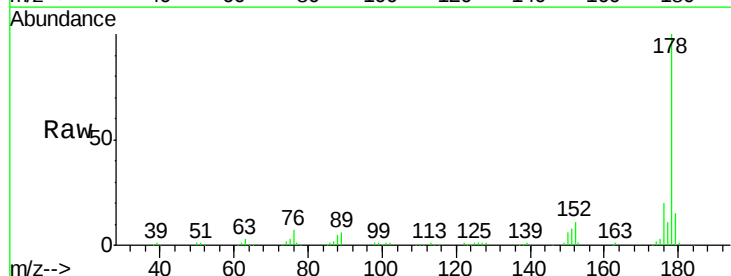


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

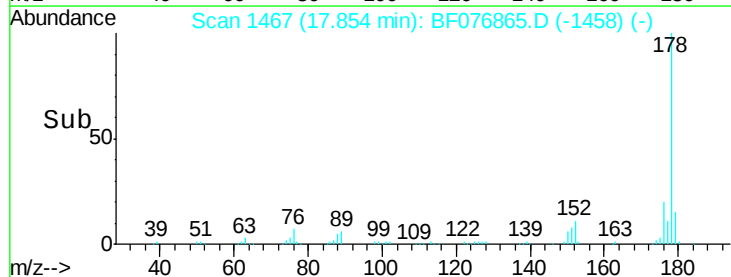
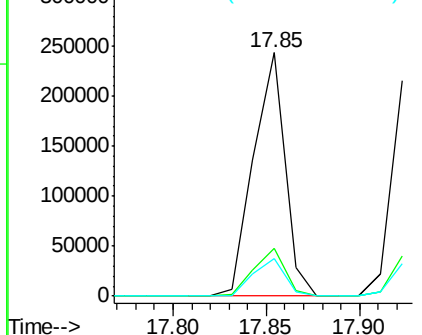


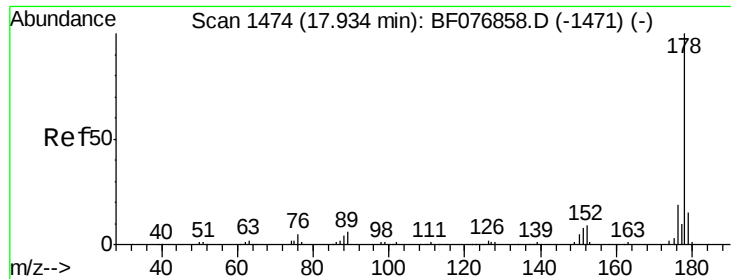
#70
 Phenanthrene
 Concen: 39.72 ng
 RT: 17.85 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: BF076865.D
 Acq: 14 Jan 2015 18:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.1	22.7
179	15.3	12.7	19.1



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

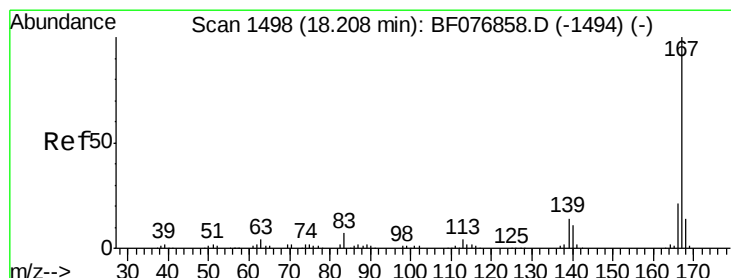
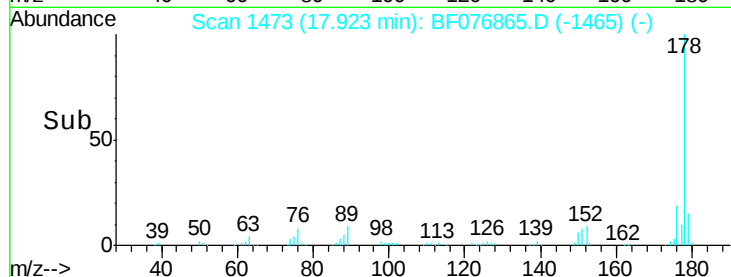
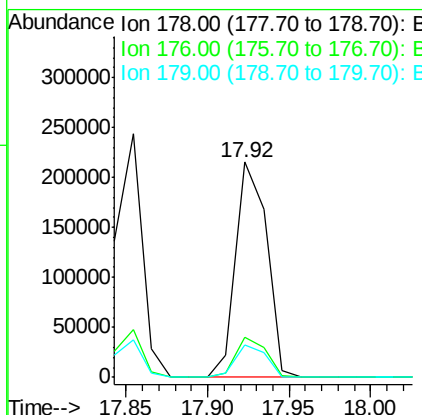
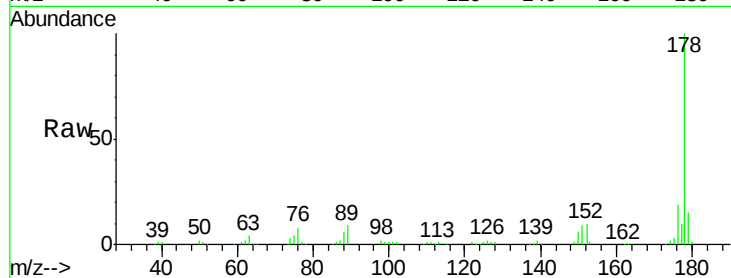




#71
 Anthracene
 Concen: 40.73 ng
 RT: 17.92 min Scan# 1473
 Delta R.T. -0.01 min
 Lab File: BF076865.D
 Acq: 14 Jan 2015 18:18

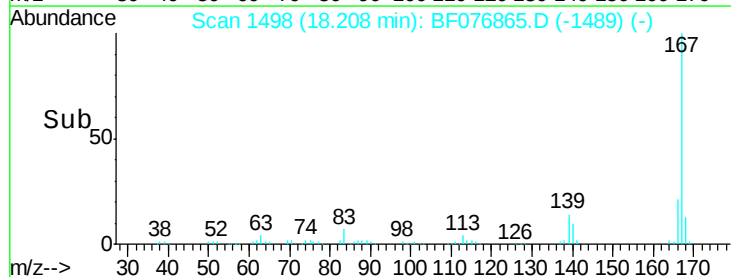
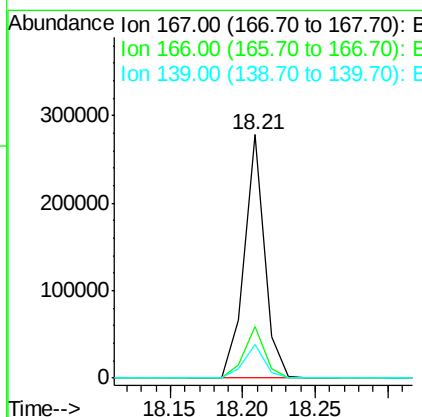
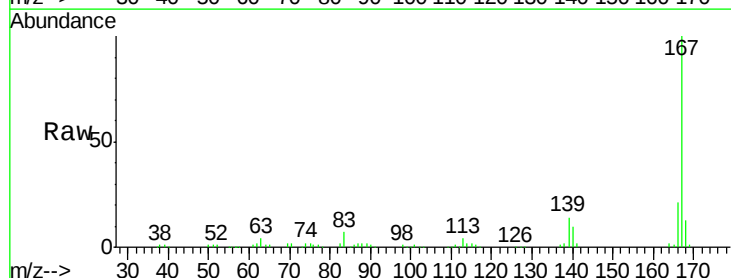
Instrument :
 BNA_F
 ClientSampleId :
 PB81310BSD

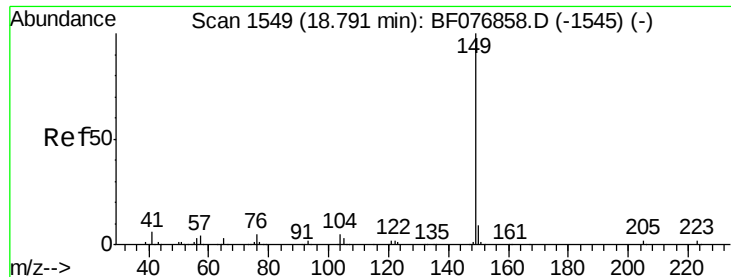
Tot Ion:178 Resp: 284916
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.0
 179 15.0 11.9 17.9



#72
 Carbazole
 Concen: 40.21 ng
 RT: 18.21 min Scan# 1498
 Delta R.T. 0.00 min
 Lab File: BF076865.D
 Acq: 14 Jan 2015 18:18

Tgt Ion:167 Resp: 272798
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.0 25.6
 139 14.0 11.3 16.9





#73

Di-n-butylphthalate

Concen: 44.53 ng

RT: 18.79 min Scan# 1549

Delta R.T. 0.00 min

Lab File: BF076865.D

Acq: 14 Jan 2015 18:18

Instrument :

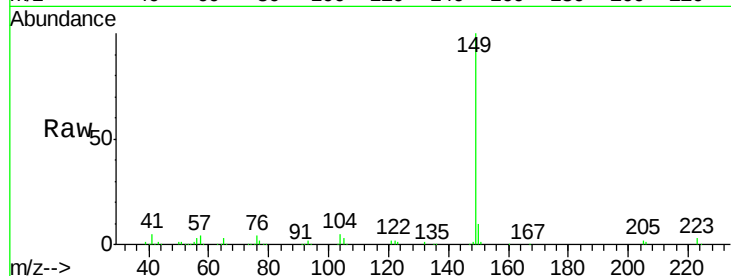
BNA_F

ClientSampleId :

PB81310BSD

Tot Ion:149 Resp: 349685

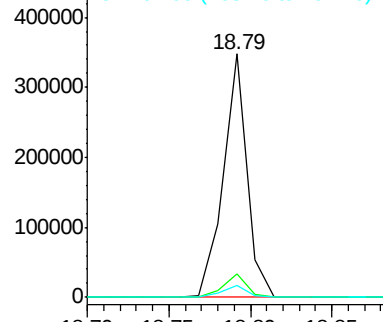
Ion	Ratio	Lower	Upper
149	100		
150	9.8	6.9	10.3
104	4.9	3.7	5.5



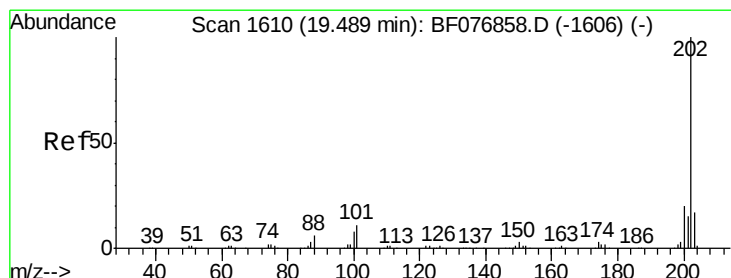
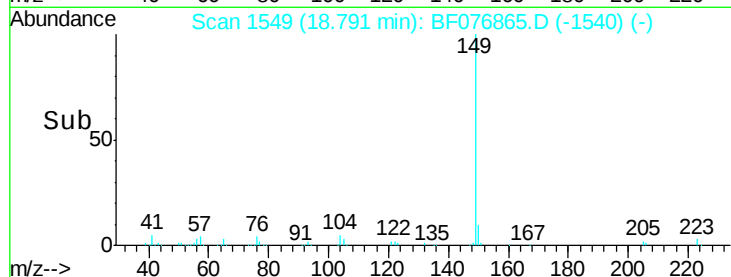
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time--> 18.70 18.75 18.80 18.85



#74

Fluoranthene

Concen: 40.29 ng

RT: 19.49 min Scan# 1610

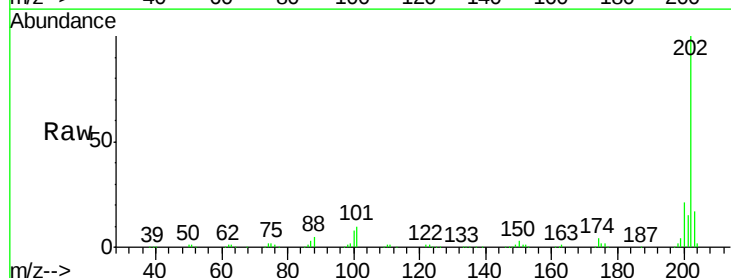
Delta R.T. 0.00 min

Lab File: BF076865.D

Acq: 14 Jan 2015 18:18

Tgt Ion:202 Resp: 296122

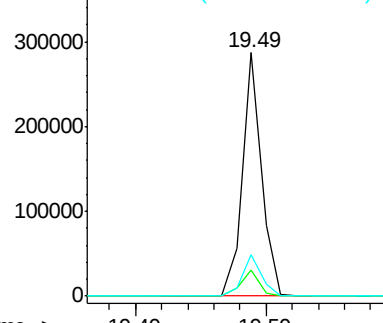
Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.7
203	16.9	0.0	36.9



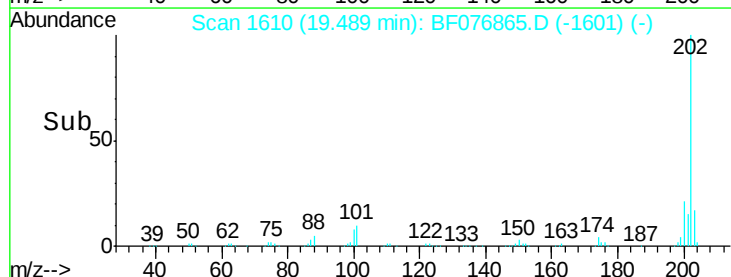
Abundance Ion 202.00 (201.70 to 202.70): E

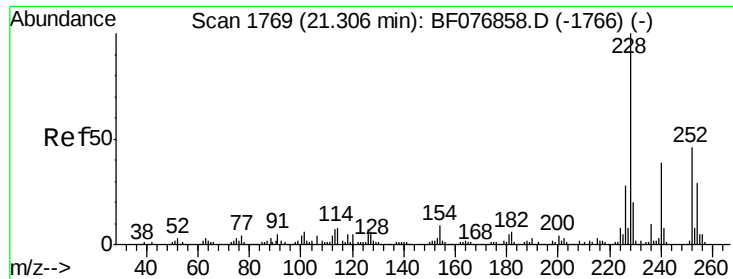
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 19.40 19.50

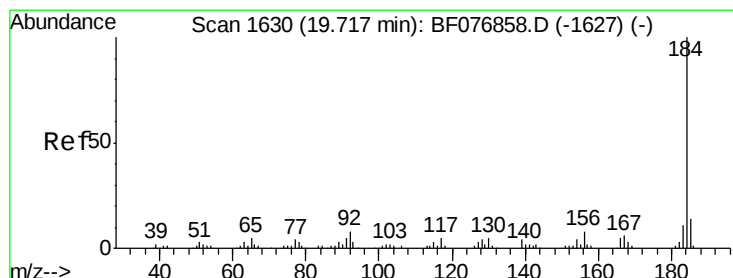
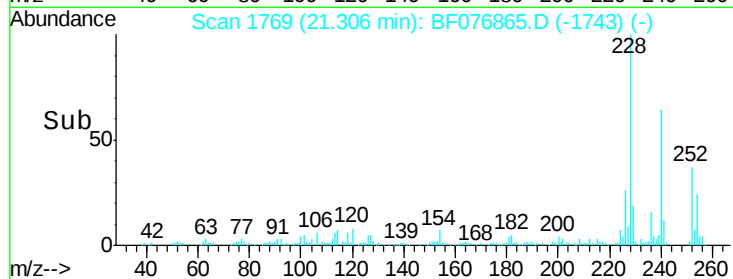
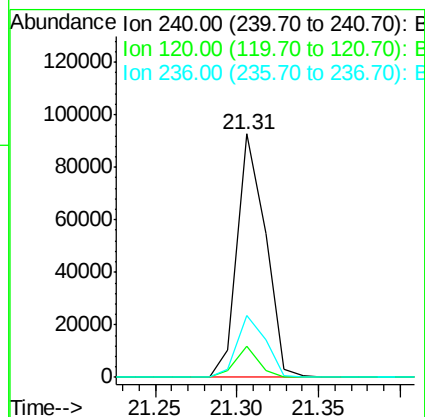
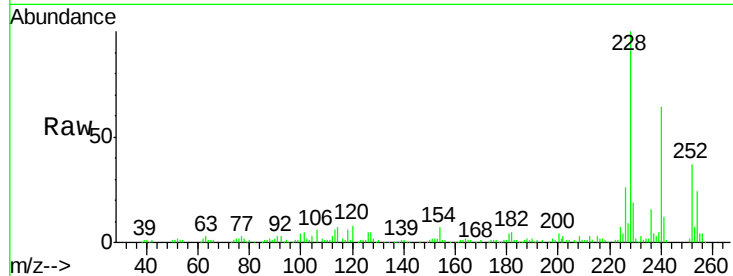




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.31 min Scan# 1769
 Delta R.T. 0.00 min
 Lab File: BF076865.D
 Acq: 14 Jan 2015 18:18

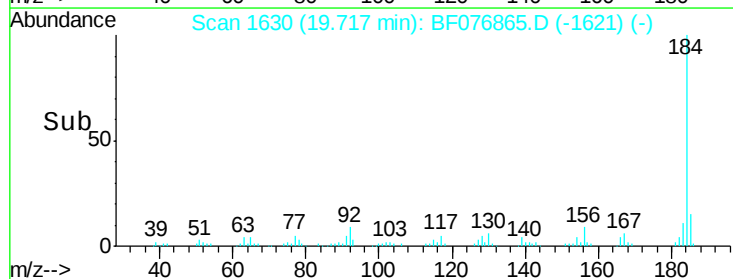
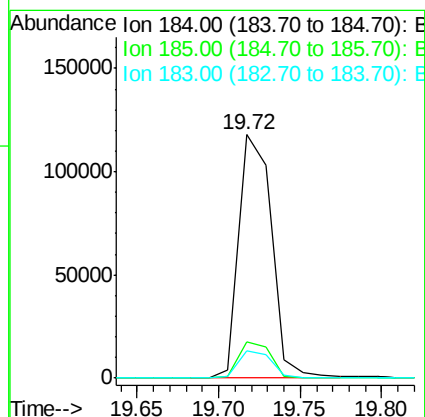
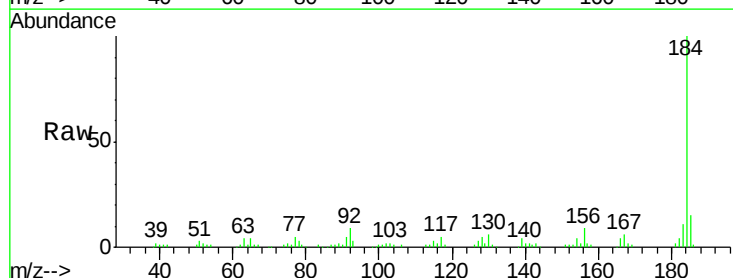
Instrument :
 BNA_F
 ClientSampleId :
 PB81310BSD

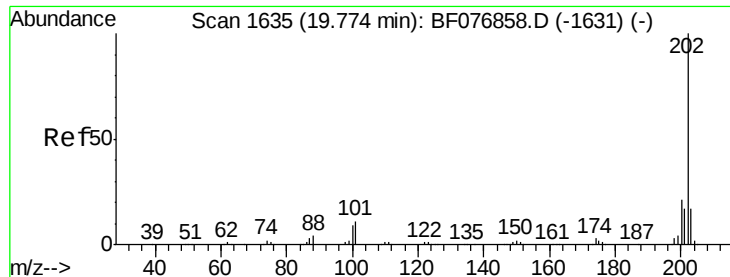
Tot Ion:240 Resp: 110601
 Ion Ratio Lower Upper
 240 100
 120 12.8 10.4 15.6
 236 25.4 20.2 30.2



#76
 Benzidine
 Concen: 46.28 ng
 RT: 19.72 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BF076865.D
 Acq: 14 Jan 2015 18:18

Tgt Ion:184 Resp: 163775
 Ion Ratio Lower Upper
 184 100
 185 14.8 11.4 17.2
 183 11.3 9.0 13.6

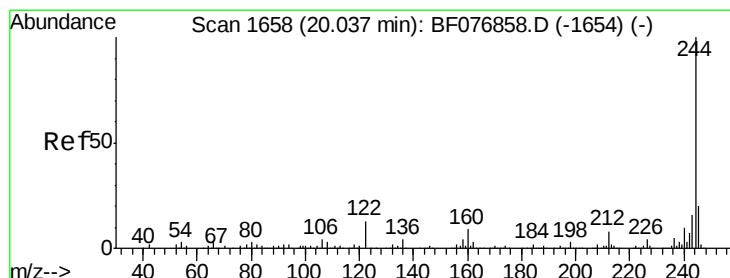
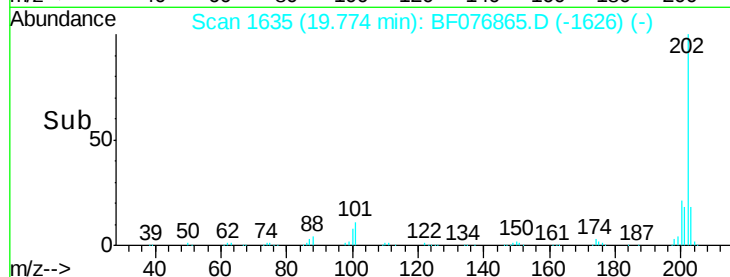
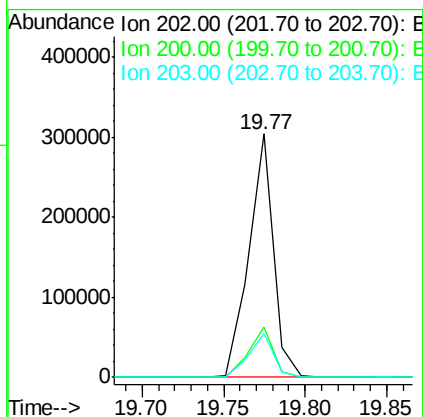
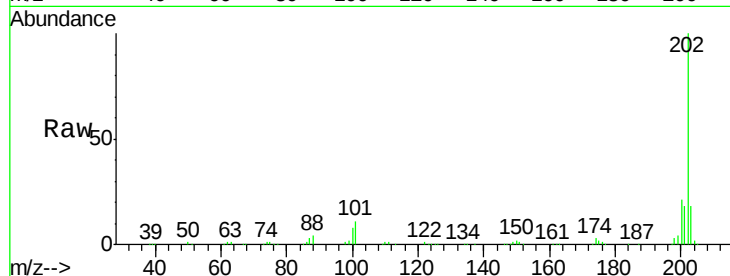




#77
Pvrene
Concen: 41.86 ng
RT: 19.77 min Scan# 1635
Delta R.T. 0.00 min
Lab File: BF076865.D
Acq: 14 Jan 2015 18:18

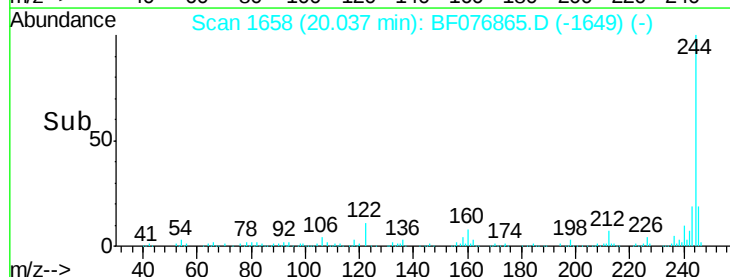
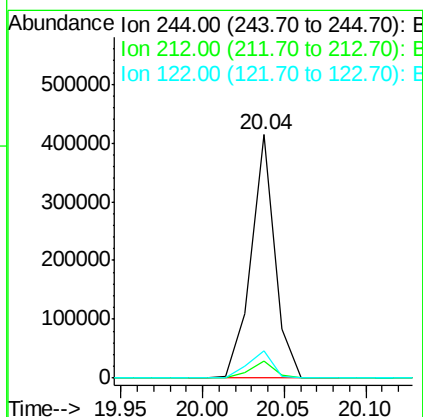
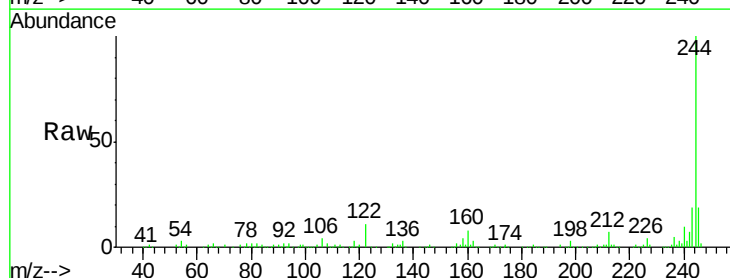
Instrument :
BNA_F
ClientSampleId :
PB81310BSD

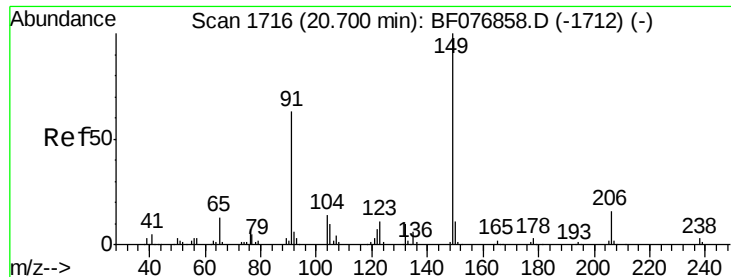
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.7	25.1
203	18.2	14.0	21.0



#78
Terphenyl-d14
Concen: 87.44 ng
RT: 20.04 min Scan# 1658
Delta R.T. 0.00 min
Lab File: BF076865.D
Acq: 14 Jan 2015 18:18

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.3	9.5
122	11.3	10.1	15.1





#79

Butylbenzylphthalate

Concen: 47.06 ng

RT: 20.70 min Scan# 1716

Delta R.T. 0.00 min

Lab File: BF076865.D

Acq: 14 Jan 2015 18:18

Instrument :

BNA_F

ClientSampleId :

PB81310BSD

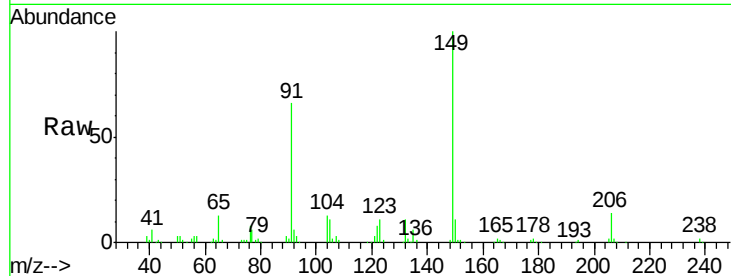
Tot Ion:149 Resp: 161552

Ion Ratio Lower Upper

149 100

91 66.0 50.6 76.0

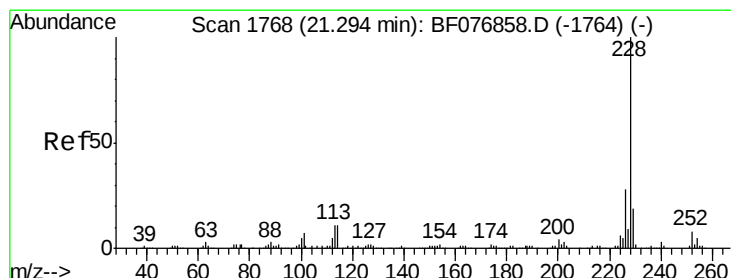
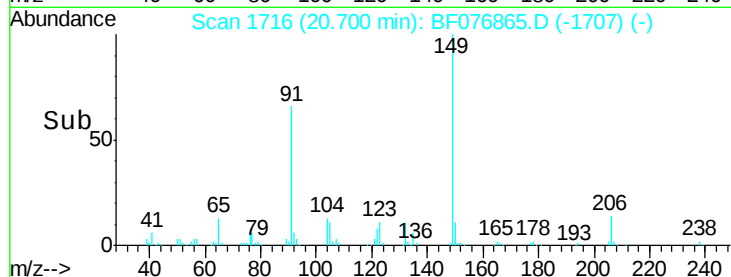
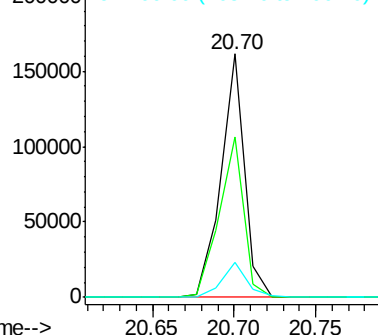
206 14.5 12.8 19.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.86 ng

RT: 21.29 min Scan# 1768

Delta R.T. 0.00 min

Lab File: BF076865.D

Acq: 14 Jan 2015 18:18

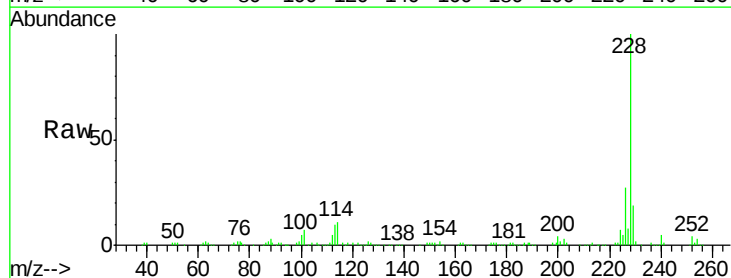
Tgt Ion:228 Resp: 283538

Ion Ratio Lower Upper

228 100

226 27.0 22.1 33.1

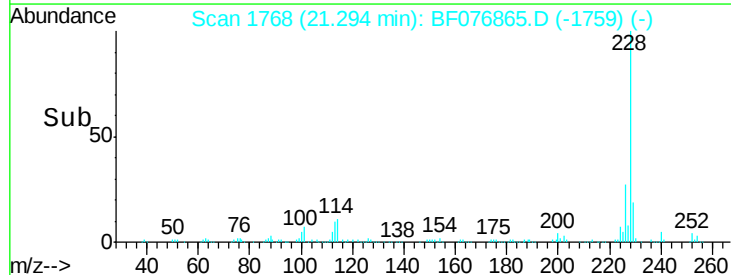
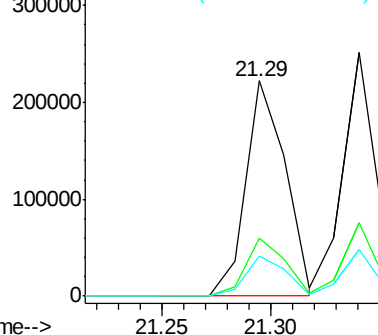
229 18.6 15.5 23.3

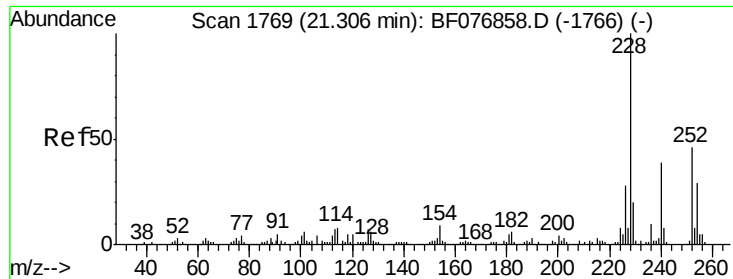


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

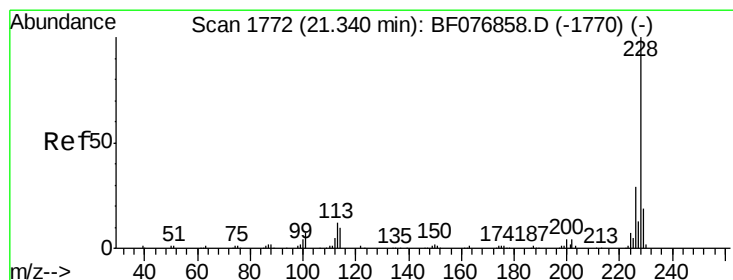
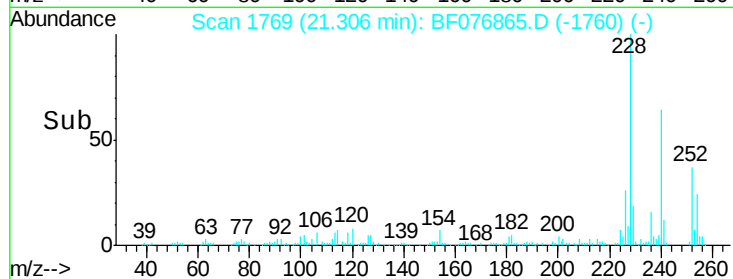
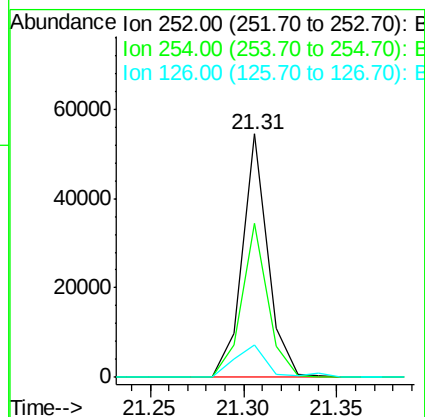
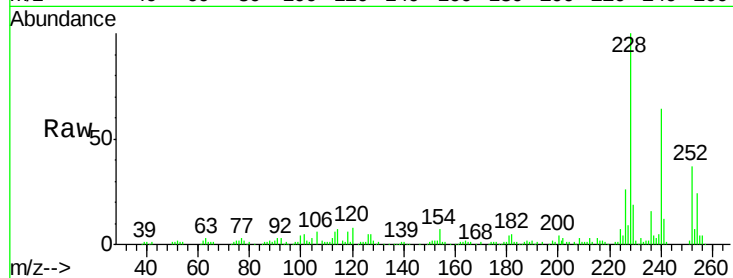




#81
 3,3'-Dichlorobenzidine
 Concen: 23.82 ng
 RT: 21.31 min Scan# 1769
 Delta R.T. 0.00 min
 Lab File: BF076865.D
 Acq: 14 Jan 2015 18:18

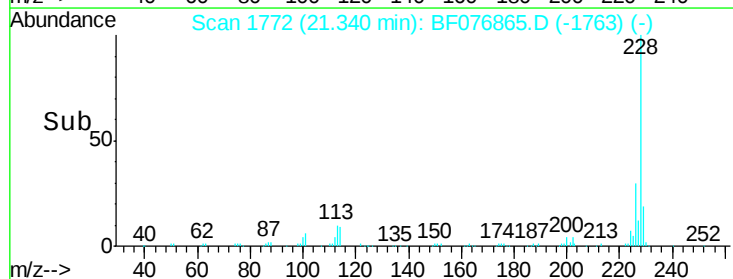
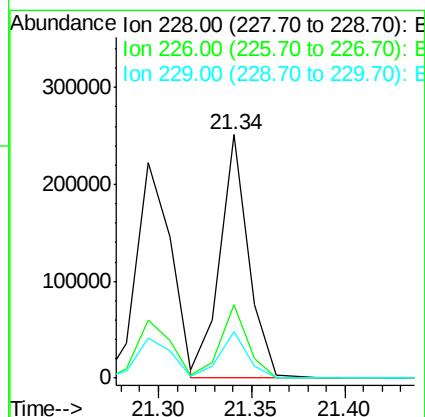
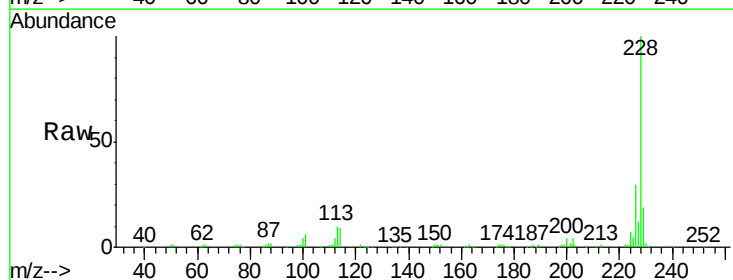
Instrument :
 BNA_F
 ClientSampleId :
 PB81310BSD

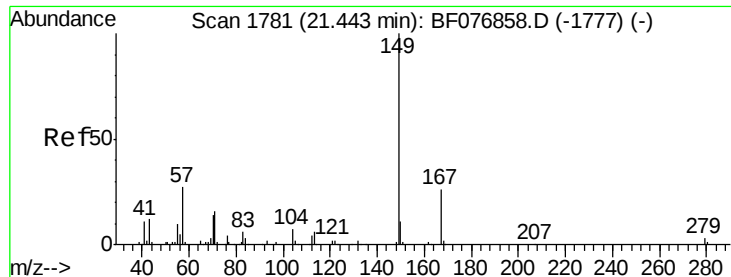
Tot Ion:252 Resp: 52527
 Ion Ratio Lower Upper
 252 100
 254 63.3 50.2 75.4
 126 13.4 11.5 17.3



#82
 Chrysene
 Concen: 42.30 ng
 RT: 21.34 min Scan# 1772
 Delta R.T. 0.00 min
 Lab File: BF076865.D
 Acq: 14 Jan 2015 18:18

Tgt Ion:228 Resp: 267711
 Ion Ratio Lower Upper
 228 100
 226 29.9 23.4 35.0
 229 19.1 15.4 23.0

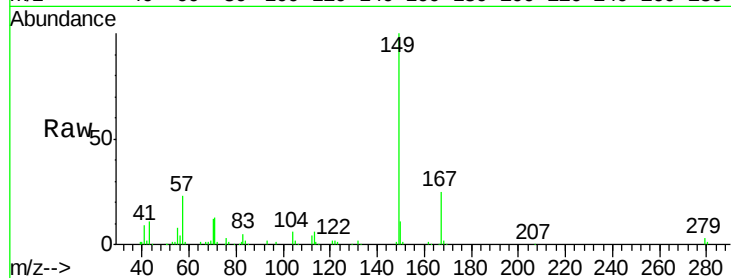




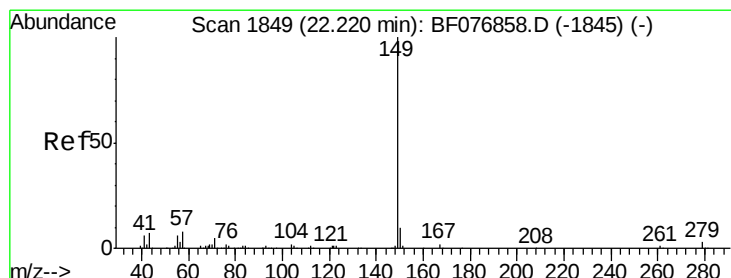
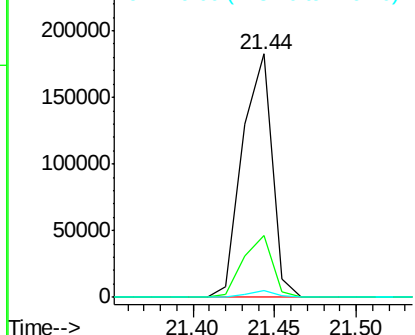
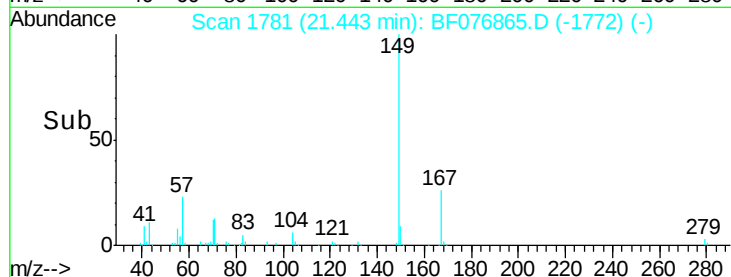
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.35 ng
 RT: 21.44 min Scan# 1781
 Delta R.T. 0.00 min
 Lab File: BF076865.D
 Acq: 14 Jan 2015 18:18

Instrument :
 BNA_F
 ClientSampleId :
 PB81310BSD

Tot Ion:149 Resp: 229670
 Ion Ratio Lower Upper
 149 100
 167 25.5 20.6 30.8
 279 2.8 2.2 3.2

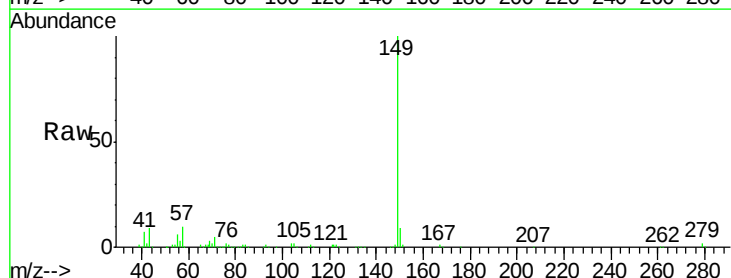


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

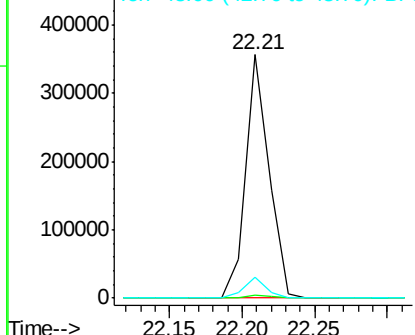
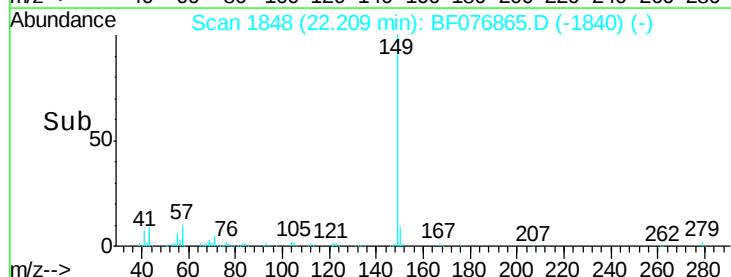


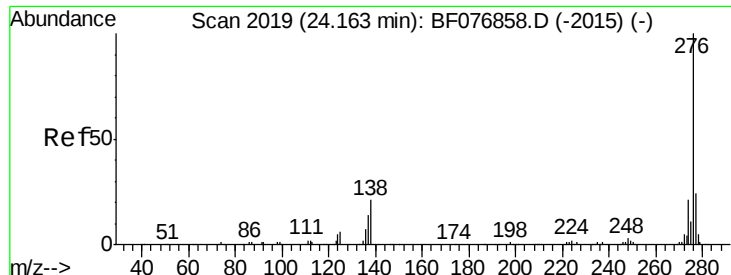
#84
 Di-n-octyl phthalate
 Concen: 48.30 ng
 RT: 22.21 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF076865.D
 Acq: 14 Jan 2015 18:18

Tgt Ion:149 Resp: 398171
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.1 1.7
 43 8.5 6.6 10.0



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

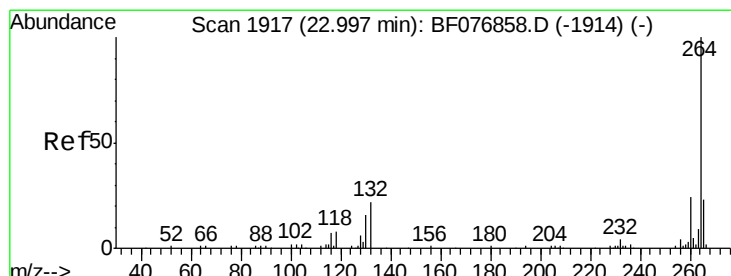
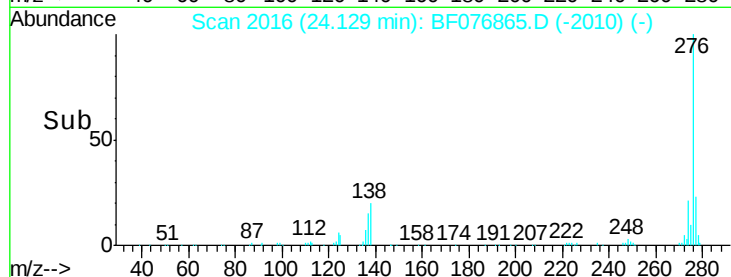
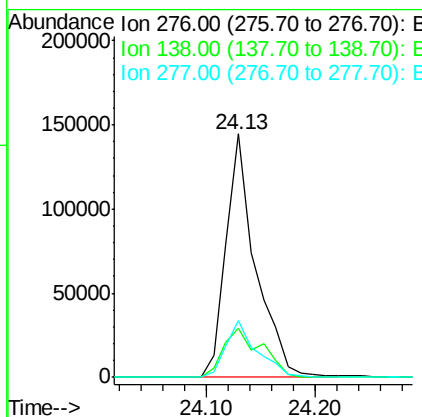
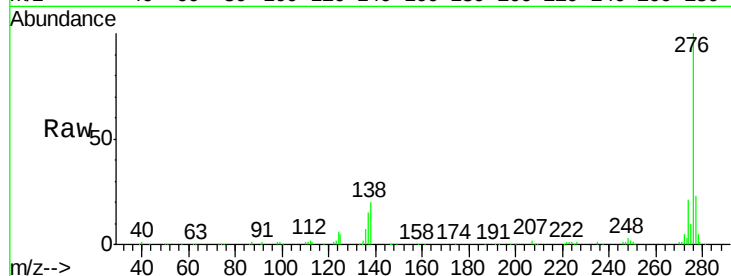




#85
Indeno(1,2,3-cd)pyrene
Concen: 40.86 ng
RT: 24.13 min Scan# 2016
Delta R.T. -0.03 min
Lab File: BF076865.D
Acq: 14 Jan 2015 18:18

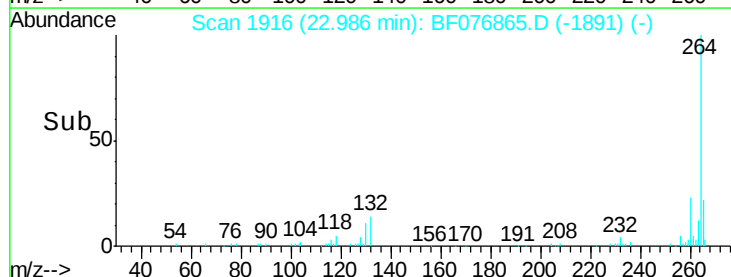
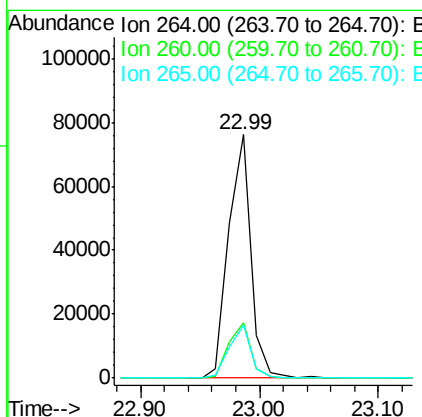
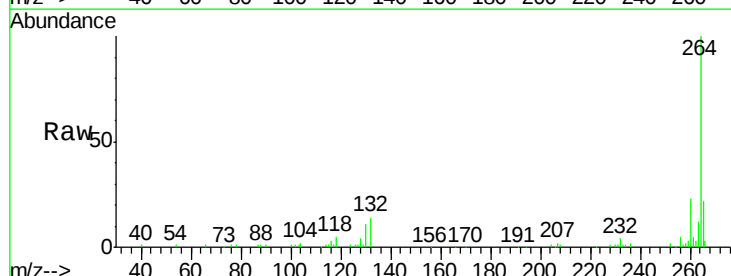
Instrument :
BNA_F
ClientSampleId :
PB81310BSD

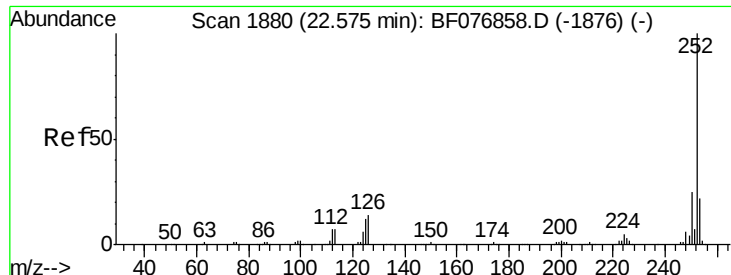
Tot Ion:276 Resp: 273998
Ion Ratio Lower Upper
276 100
138 26.3 14.6 22.0#
277 24.6 14.8 22.2#



#86
Perylene-d12
Concen: 20.00 ng
RT: 22.99 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BF076865.D
Acq: 14 Jan 2015 18:18

Tgt Ion:264 Resp: 98824
Ion Ratio Lower Upper
264 100
260 23.0 19.0 28.4
265 21.6 18.1 27.1

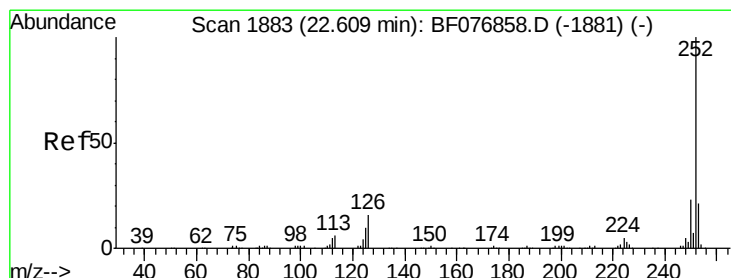
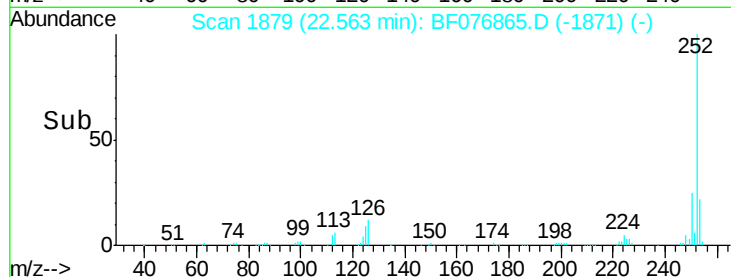
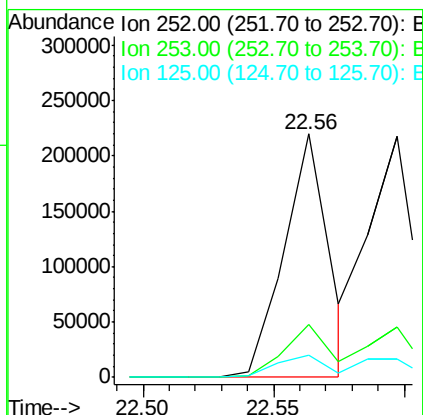
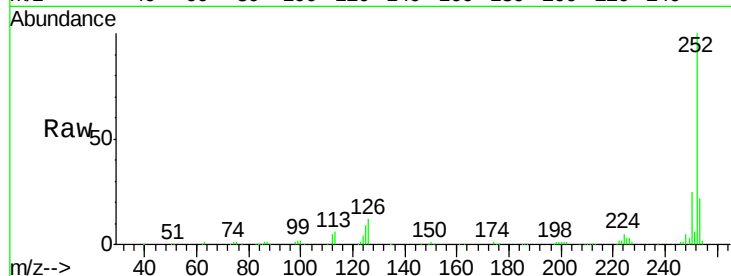




#87
Benzo(b)fluoranthene
Concen: 39.23 ng
RT: 22.56 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BF076865.D
Acq: 14 Jan 2015 18:18

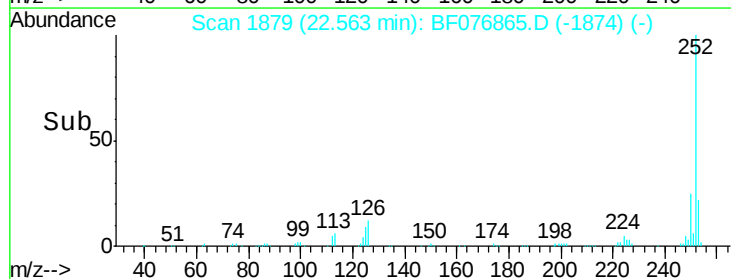
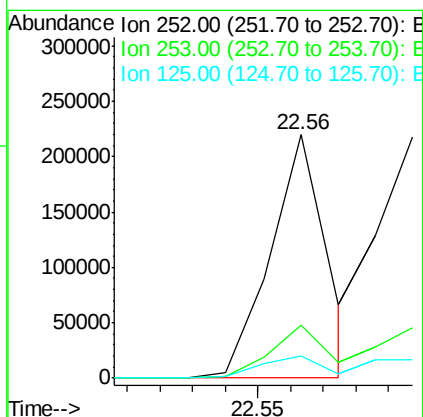
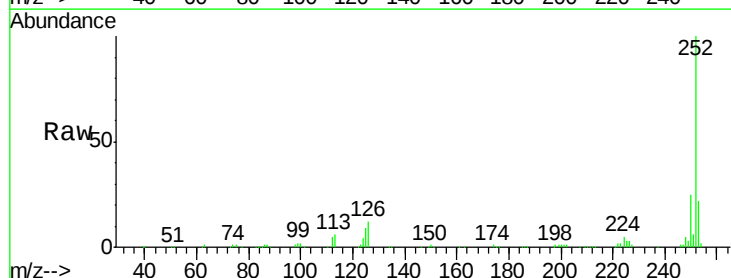
Instrument :
BNA_F
ClientSampleId :
PB81310BSD

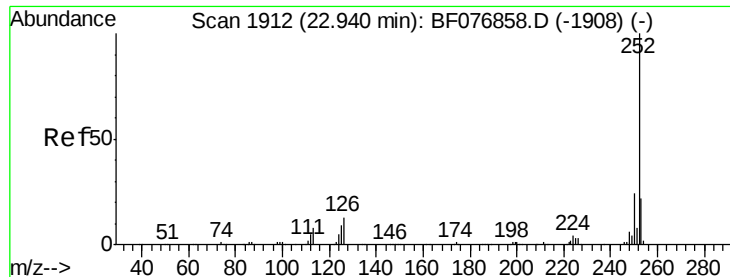
Tot Ion:252 Resp: 261131
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 9.1 9.4 14.0#



#88
Benzo(k)fluoranthene
Concen: 44.92 ng
RT: 22.56 min Scan# 1879
Delta R.T. -0.05 min
Lab File: BF076865.D
Acq: 14 Jan 2015 18:18

Tgt Ion:252 Resp: 261188
Ion Ratio Lower Upper
252 100
253 21.6 17.2 25.8
125 9.1 7.1 10.7





#89

Benzo(a)pyrene

Concen: 42.68 ng

RT: 22.92 min Scan# 1910

Delta R.T. -0.02 min

Lab File: BF076865.D

Acq: 14 Jan 2015 18:18

Instrument :

BNA_F

ClientSampleId :

PB81310BSD

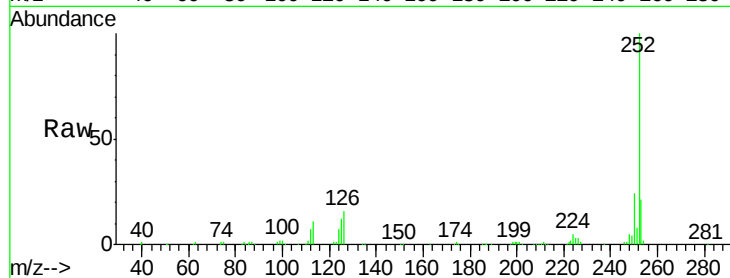
Tot Ion:252 Resp: 250598

Ion Ratio Lower Upper

252 100

253 20.7 17.9 26.9

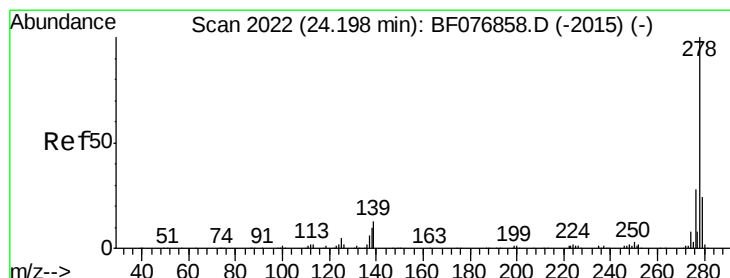
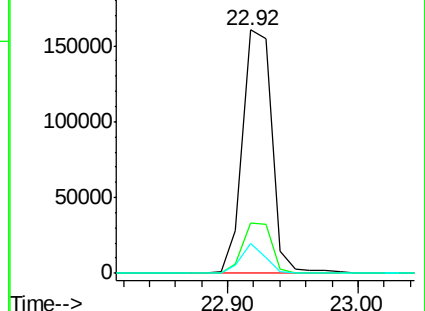
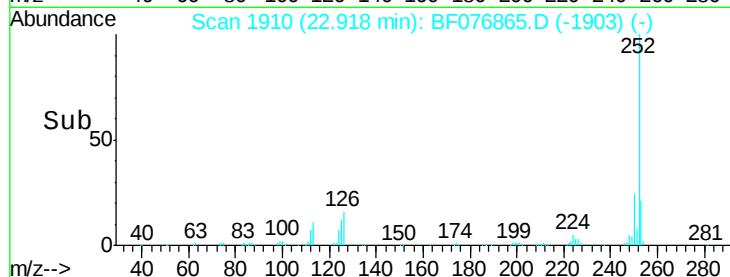
125 12.4 7.2 10.8#



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: 41.62 ng

RT: 24.15 min Scan# 2018

Delta R.T. -0.05 min

Lab File: BF076865.D

Acq: 14 Jan 2015 18:18

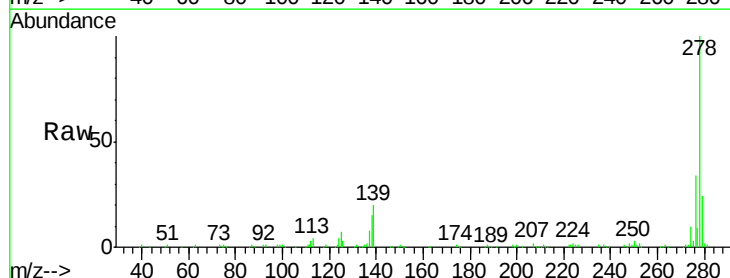
Tgt Ion:278 Resp: 224215

Ion Ratio Lower Upper

278 100

139 19.5 10.5 15.7#

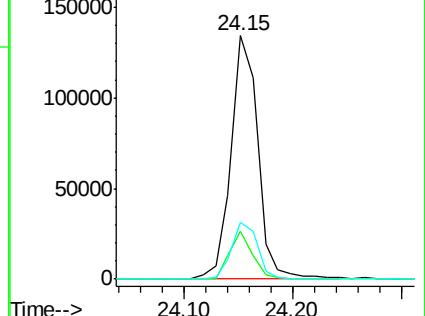
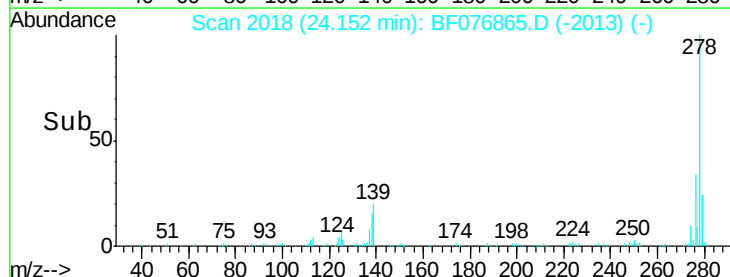
279 23.6 19.3 28.9

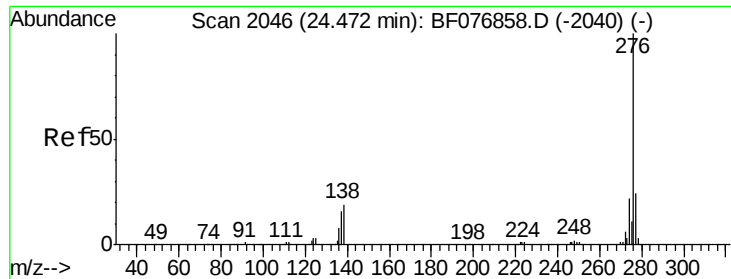


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 41.90 ng
 RT: 24.43 min Scan# 2042
 Delta R.T. -0.05 min
 Lab File: BF076865.D
 Acq: 14 Jan 2015 18:18

Instrument :
 BNA_F
 ClientSampleId :
 PB81310BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.5	29.3
138	25.7	15.0	22.6

