

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
 Data File : BF078406.D
 Acq On : 10 Apr 2015 18:26
 Operator : TP/IZ
 Sample : PB82509BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82775BS

Quant Time: Apr 11 00:48:13 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 11 00:31:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	35019	20.00	ng	0.00
21) Naphthalene-d8	8.44	136	146114	20.00	ng	0.00
38) Acenaphthene-d10	10.59	164	72336	20.00	ng	0.00
63) Phenanthrene-d10	12.42	188	151611	20.00	ng	0.00
75) Chrysene-d12	15.68	240	164275	20.00	ng	-0.01
86) Perylene-d12	17.38	264	168313	20.00	ng	-0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.12	112	227942	107.32	ng	0.00
7) Phenol-d6	6.46	99	291269	109.43	ng	0.00
23) Nitrobenzene-d5	7.56	82	169738	70.41	ng	0.00
41) 2,4,6-Tribromophenol	11.57	330	70393	117.34	ng	0.00
44) 2-Fluorobiphenyl	9.78	172	340781	67.34	ng	0.00
78) Terphenyl-d14	14.41	244	405814	55.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.62	88	67988	70.79	ng	# 23
3) Pyridine	2.26	79	70647	28.08	ng	93
4) n-Nitrosodimethylamine	2.20	42	30771	31.77	ng	96
6) Aniline	6.45	93	51698	13.70	ng	# 87
8) 2-Chlorophenol	6.59	128	86157	34.31	ng	97
9) Benzaldehyde	6.29	77	27180	15.41	ng	89
10) Phenol	6.48	94	111832	35.06	ng	99
11) bis(2-Chloroethyl)ether	6.56	93	77298	33.70	ng	95
12) 1,3-Dichlorobenzene	6.77	146	88920	32.23	ng	99
13) 1,4-Dichlorobenzene	6.88	146	87646	31.56	ng	99
14) 1,2-Dichlorobenzene	7.06	146	85823	32.96	ng	99
15) Benzyl Alcohol	7.06	79	68763	36.76	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.24	45	105028	34.33	ng	98
17) 2-Methylphenol	7.22	107	66841	34.28	ng	96
18) Hexachloroethane	7.48	117	30339	32.40	ng	97
19) n-Nitroso-di-n-propylamine	7.39	70	56737	32.31	ng	# 84
20) 3+4-Methylphenols	7.42	107	91214	35.07	ng	93
22) Acetophenone	7.38	105	117947	34.65	ng	# 93
24) Nitrobenzene	7.58	77	88154	34.98	ng	90
25) Isophorone	7.88	82	148948	32.56	ng	# 92
26) 2-Nitrophenol	7.97	139	40579	33.79	ng	# 76
27) 2,4-Dimethylphenol	8.06	122	78043	34.95	ng	94
28) bis(2-Chloroethoxy)methane	8.18	93	98515	33.58	ng	99
29) 2,4-Dichlorophenol	8.28	162	73450	36.15	ng	90
30) 1,2,4-Trichlorobenzene	8.37	180	74972	32.19	ng	97
31) Naphthalene	8.46	128	250132	32.89	ng	99
32) Benzoic acid	8.19	122	42161	41.09	ng	92
33) 4-Chloroaniline	8.56	127	47662	15.10	ng	96
34) Hexachlorobutadiene	8.62	225	41935	32.79	ng	97
35) Caprolactam	8.97	113	23932	39.46	ng	99
36) 4-Chloro-3-methylphenol	9.17	107	75907	37.03	ng	92
37) 2-Methylnaphthalene	9.32	142	170458	33.01	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.53	216	71670	31.98	ng	98
40) Hexachlorocyclopentadiene	9.50	237	61524	65.15	ng	97

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

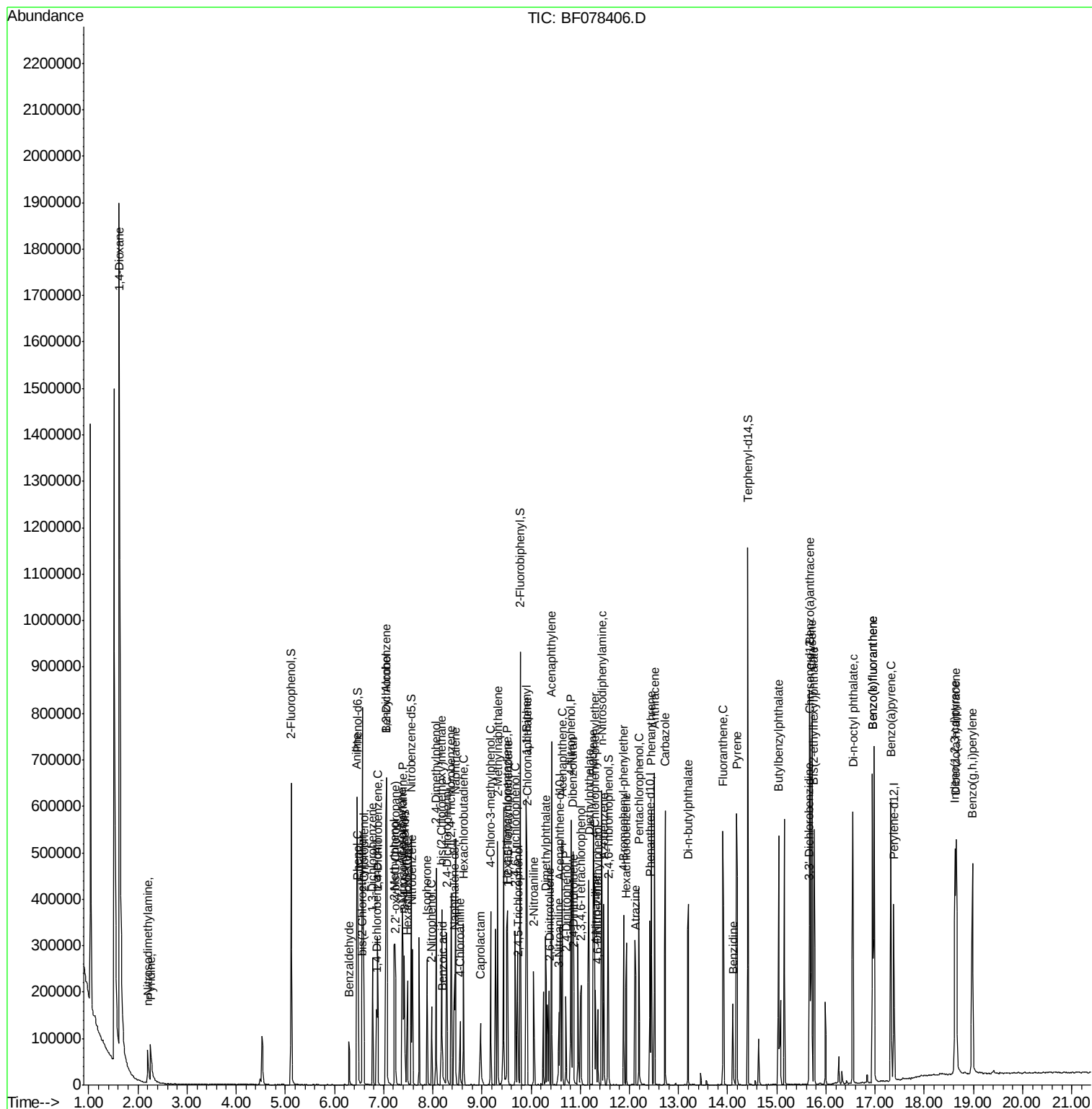
42) 2,4,6-Trichlorophenol	9.68	196	49899	35.30	ng	99
43) 2,4,5-Trichlorophenol	9.73	196	52681	35.67	ng	# 83
45) 1,1'-Biphenyl	9.90	154	202483	34.22	ng	99
46) 2-Chloronaphthalene	9.92	162	160365	34.45	ng	97
47) 2-Nitroaniline	10.05	65	44265	38.43	ng	92
48) Acenaphthylene	10.42	152	260649	34.67	ng	100
49) Dimethylphthalate	10.29	163	181455	33.39	ng	99
50) 2,6-Dinitrotoluene	10.37	165	39885	35.67	ng	93
51) Acenaphthene	10.64	154	145839	34.46	ng	100
52) 3-Nitroaniline	10.57	138	30293	23.83	ng	90
53) 2,4-Dinitrophenol	10.70	184	27680	68.62	ng	95
54) Dibenzofuran	10.85	168	224096	34.67	ng	93
55) 4-Nitrophenol	10.81	139	66191	71.03	ng	# 77
56) 2,4-Dinitrotoluene	10.86	165	54517	37.65	ng	90
57) Fluorene	11.27	166	185817	35.46	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.01	232	41263	37.69	ng	99
59) Diethylphthalate	11.17	149	185961	35.49	ng	99
60) 4-Chlorophenyl-phenylether	11.29	204	86710	35.97	ng	# 90
61) 4-Nitroaniline	11.31	138	40885	31.81	ng	89
62) Azobenzene	11.48	77	193232	40.41	ng	88
64) 4,6-Dinitro-2-methylphenol	11.36	198	23022	33.70	ng	# 74
65) n-Nitrosodiphenylamine	11.44	169	158617	30.25	ng	99
66) 4-Bromophenyl-phenylether	11.88	248	48995	30.51	ng	95
67) Hexachlorobenzene	11.94	284	55367	31.47	ng	94
68) Atrazine	12.12	200	52766	34.74	ng	96
69) Pentachlorophenol	12.19	266	53565	69.75	ng	99
70) Phenanthrene	12.44	178	276662	31.55	ng	99
71) Anthracene	12.51	178	287194	33.23	ng	100
72) Carbazole	12.73	167	288463	35.62	ng	99
73) Di-n-butylphthalate	13.20	149	307081	33.47	ng	99
74) Fluoranthene	13.91	202	307223	33.22	ng	99
76) Benzidine	14.11	184	102075	16.14	ng	97
77) Pyrene	14.18	202	335983	32.58	ng	99
79) Butylbenzylphthalate	15.04	149	139737	35.55	ng	87
80) Benzo(a)anthracene	15.67	228	320266	32.77	ng	98
81) 3,3'-Dichlorobenzidine	15.65	252	55127	16.84	ng	# 96
82) Chrysene	15.71	228	306324	33.36	ng	100
83) Bis(2-ethylhexyl)phthalate	15.76	149	201623	32.71	ng	# 94
84) Di-n-octyl phthalate	16.55	149	359973	35.56	ng	# 100
85) Indeno(1,2,3-cd)pyrene	18.63	276	380557	36.52	ng	# 87
87) Benzo(b)fluoranthene	16.95	252	392503	37.73	ng	# 97
88) Benzo(k)fluoranthene	16.95	252	392503	42.46	ng	97
89) Benzo(a)pyrene	17.32	252	327049	36.02	ng	99
90) Dibenzo(a,h)anthracene	18.65	278	302026	33.23	ng	96
91) Benzo(g,h,i)perylene	18.98	276	308187	33.82	ng	99

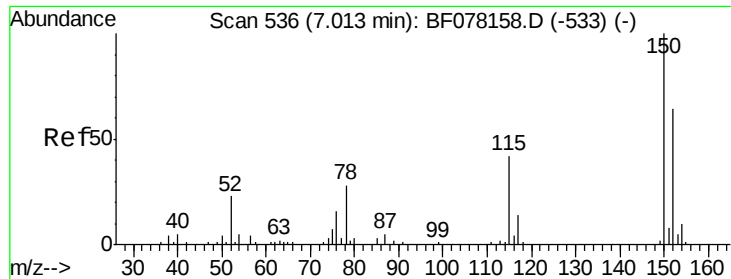
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Sample    : PB82509BS  
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ALS Vial  : 7      Sample Multiplier: 1
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

Instrument :

BNA_F

ClientSampled :

PB82775BS

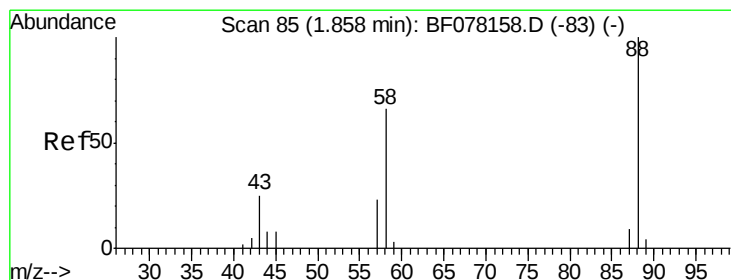
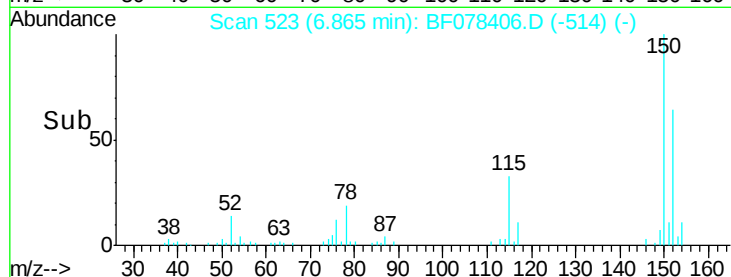
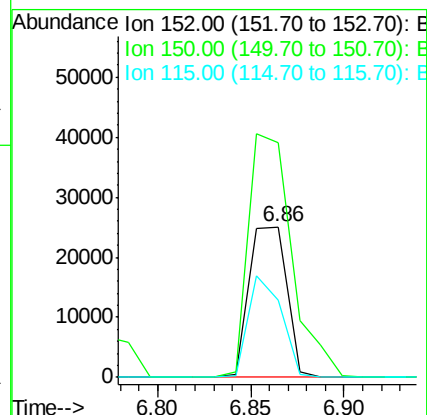
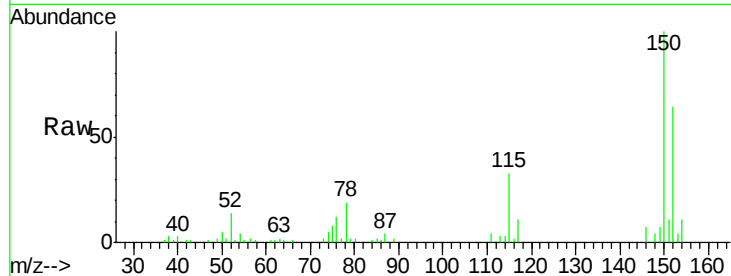
Tgt Ion:152 Resp: 35019

Ion Ratio Lower Upper

152 100

150 155.7 125.9 188.9

115 51.4 52.7 79.1#



#2

1,4-Dioxane

Concen: 70.79 ng

RT: 1.62 min Scan# 64

Delta R.T. -0.02 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

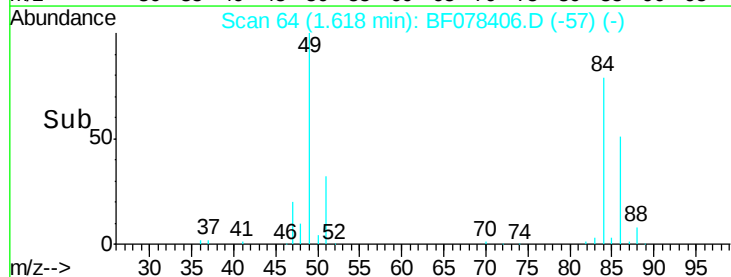
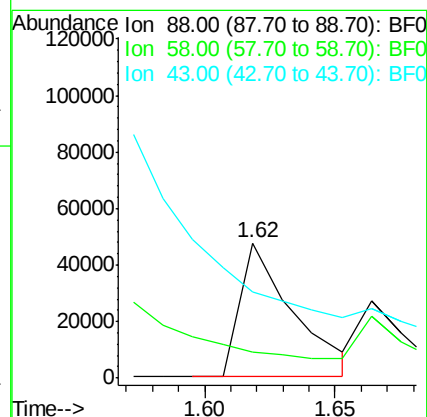
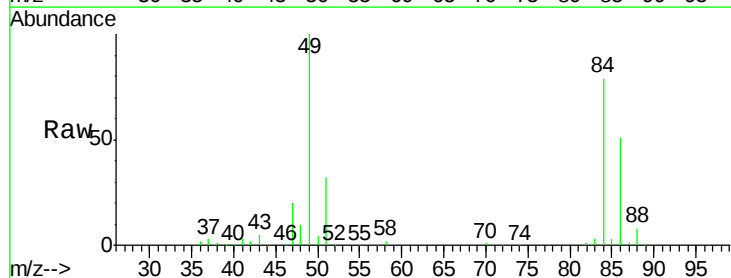
Tgt Ion: 88 Resp: 67988

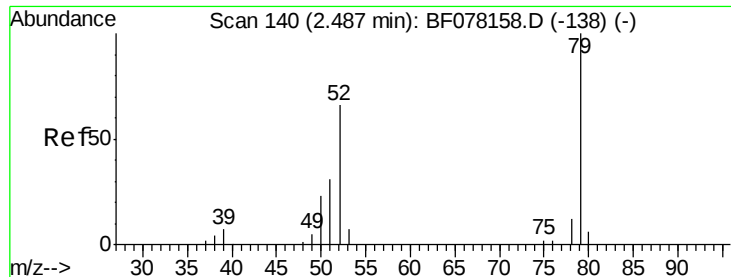
Ion Ratio Lower Upper

88 100

58 0.0 56.9 85.3#

43 0.0 21.4 32.2#





#3

Pyridine

Concen: 28.08 ng

RT: 2.26 min Scan# 120

Delta R.T. 0.03 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

Instrument :

BNA_F

ClientSampleId :

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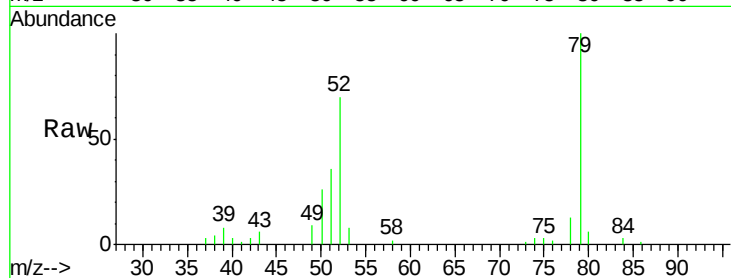
Tgt Ion: 79 Resp: 70647

Ion Ratio Lower Upper

79 100

52 70.4 52.4 78.6

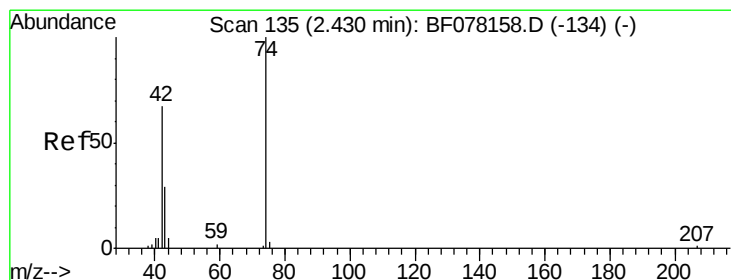
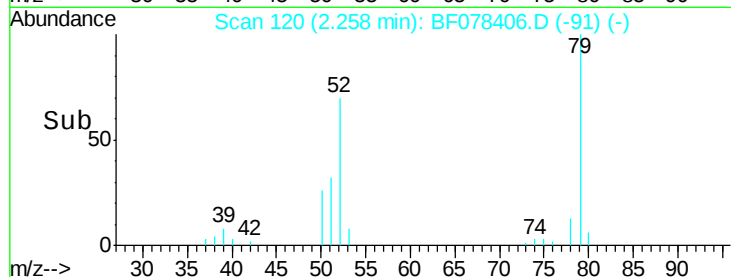
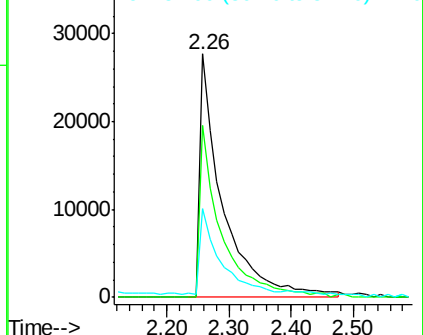
51 36.5 24.9 37.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 31.77 ng

RT: 2.20 min Scan# 115

Delta R.T. 0.02 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

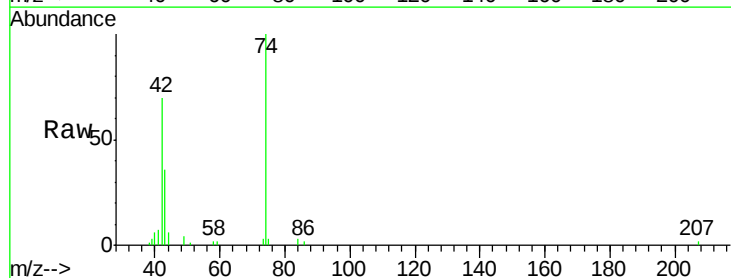
Tgt Ion: 42 Resp: 30771

Ion Ratio Lower Upper

42 100

74 143.7 118.7 178.1

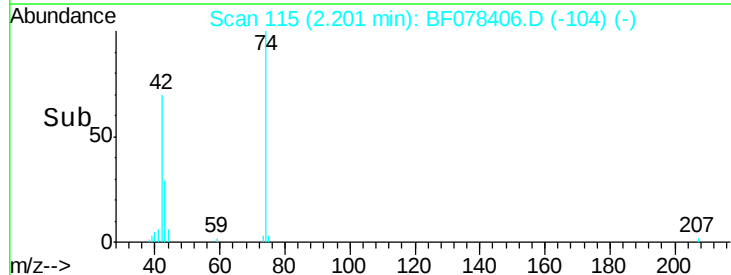
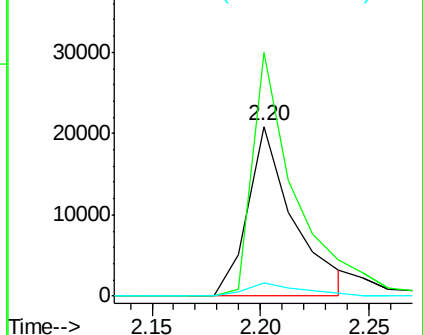
44 8.0 5.9 8.9

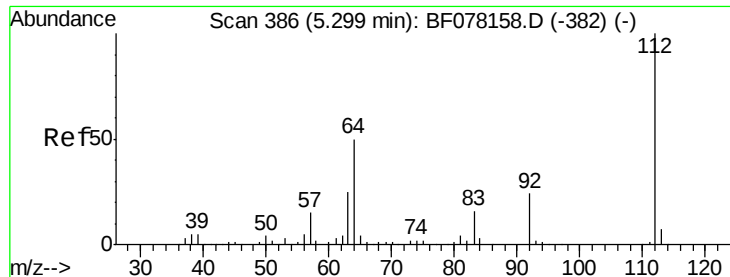


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 107.32 ng

RT: 5.12 min Scan# 370

Delta R.T. 0.00 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

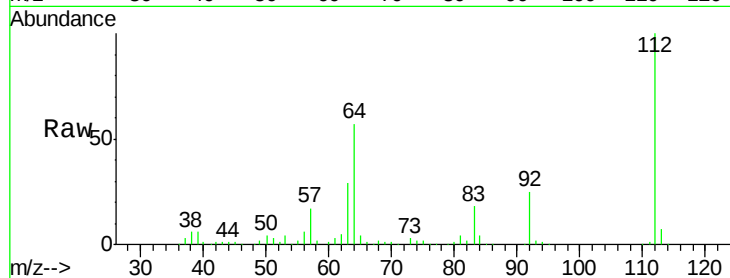
Instrument :

BNA_F

ClientSampleId :

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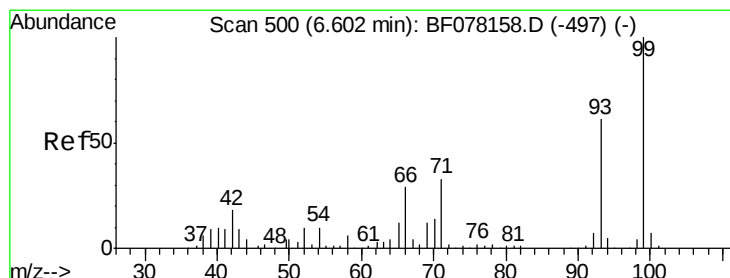
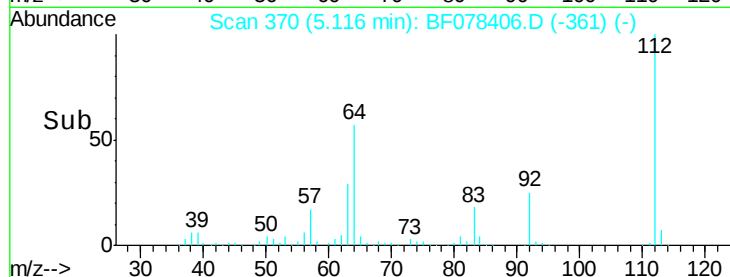
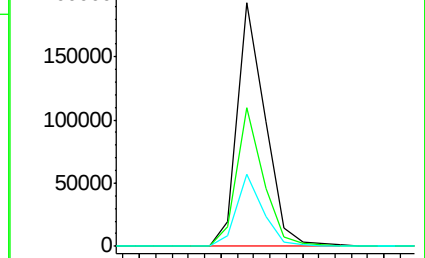
Tgt Ion:	112	Resp:	227942
Ion	Ratio	Lower	Upper
112	100		
64	57.0	39.9	59.9
63	29.4	20.2	30.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 13.70 ng

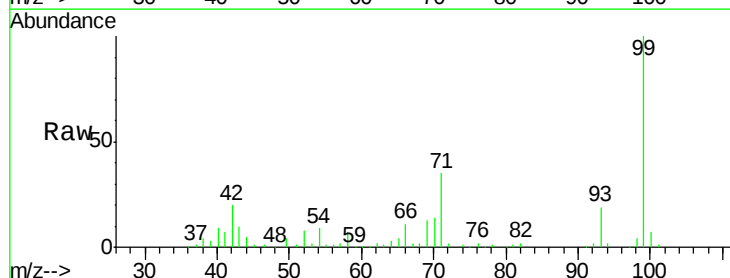
RT: 6.45 min Scan# 487

Delta R.T. 0.01 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

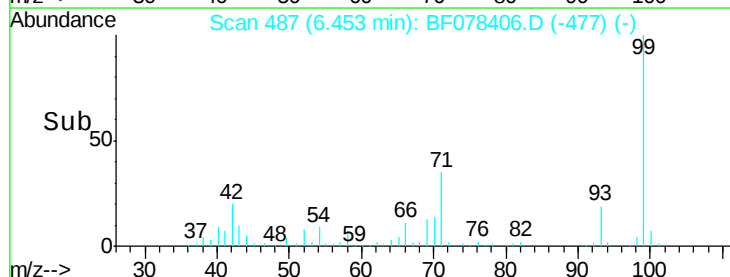
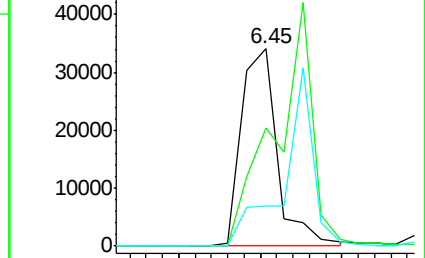
Tgt Ion:	93	Resp:	51698
Ion	Ratio	Lower	Upper
93	100		
66	59.9	38.0	57.0#
65	20.5	16.3	24.5

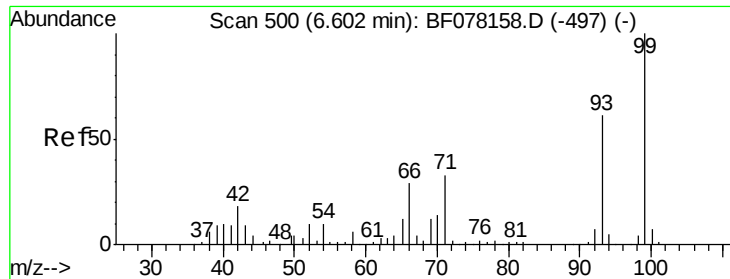


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 109.43 ng

RT: 6.46 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF078406.D

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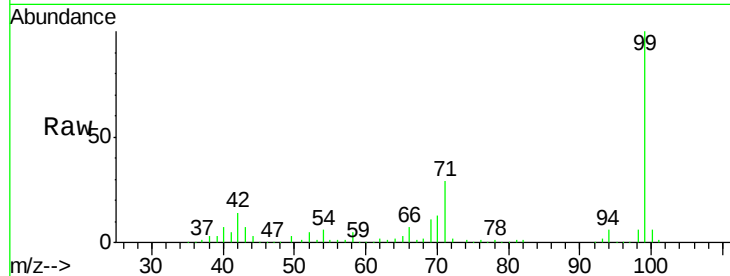
Tgt Ion: 99 Resp: 291269

Ion Ratio Lower Upper

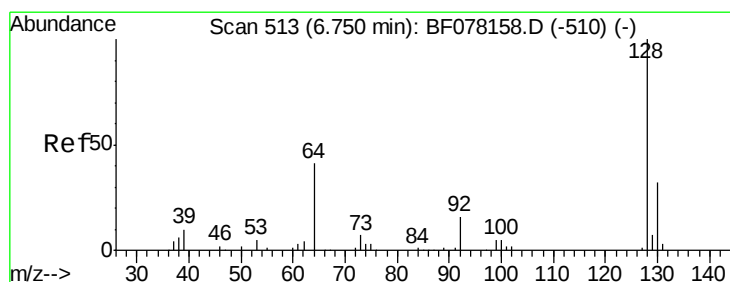
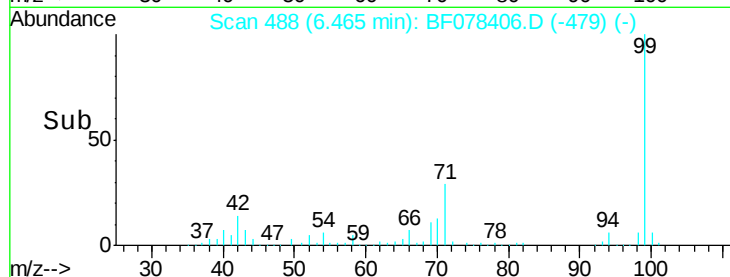
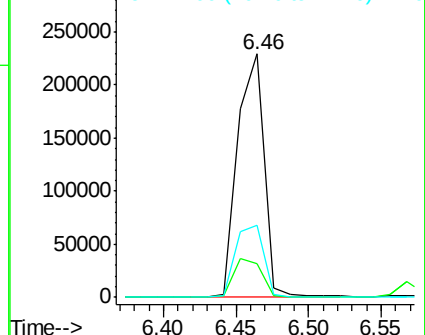
99 100

42 13.8 14.8 22.2#

71 29.4 26.6 39.8



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 34.31 ng

RT: 6.59 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

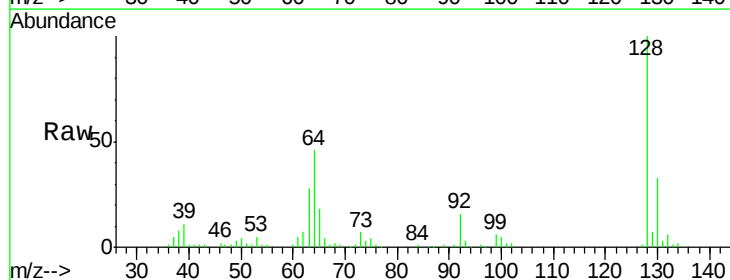
Tgt Ion: 128 Resp: 86157

Ion Ratio Lower Upper

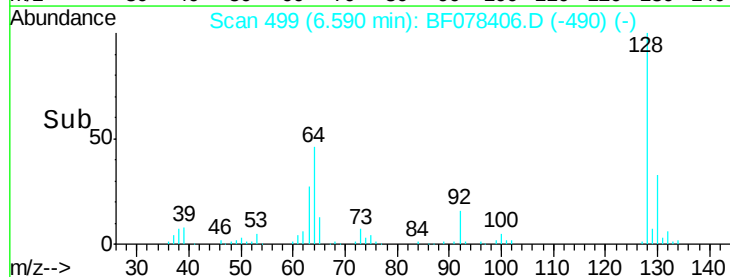
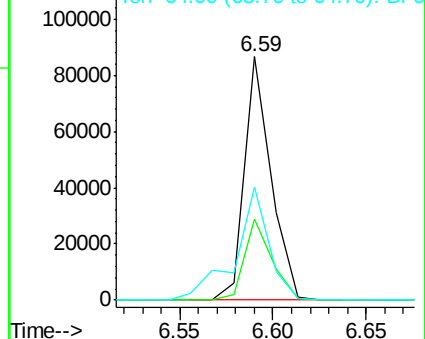
128 100

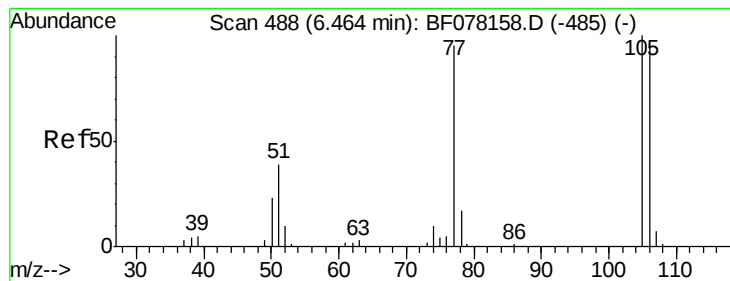
130 33.1 12.3 52.3

64 46.5 23.8 63.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 15.41 ng

RT: 6.29 min Scan# 473

Delta R.T. 0.00 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

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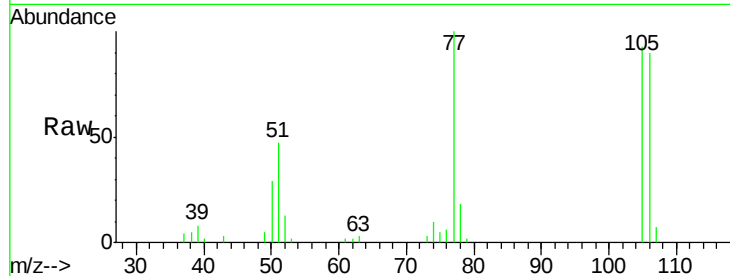
Tgt Ion: 77 Resp: 27180

Ion Ratio Lower Upper

77 100

105 93.2 85.4 125.4

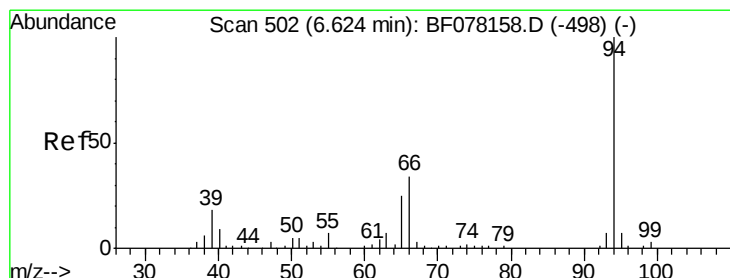
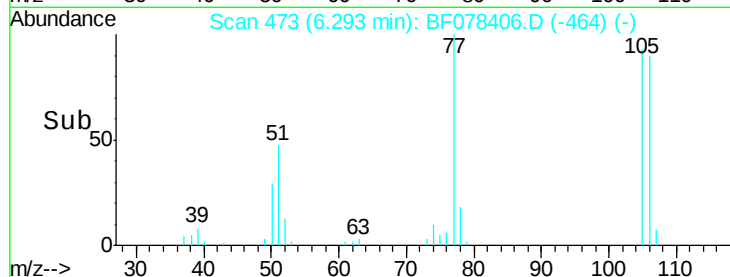
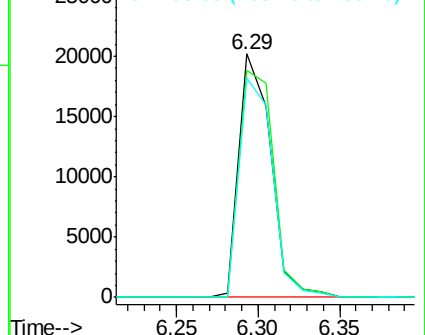
106 90.0 80.8 120.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 35.06 ng

RT: 6.48 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

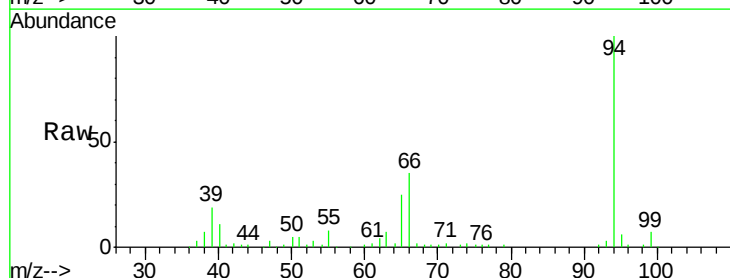
Tgt Ion: 94 Resp: 111832

Ion Ratio Lower Upper

94 100

65 25.3 4.9 44.9

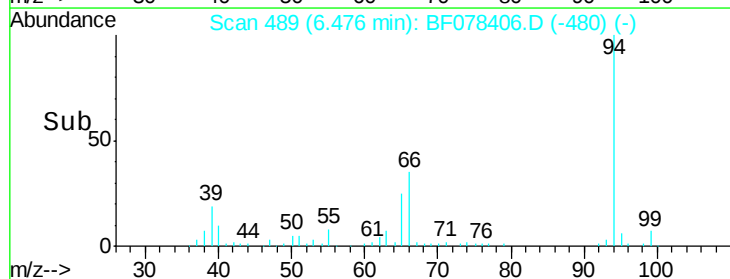
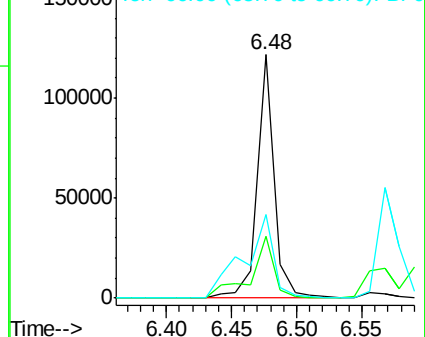
66 34.5 13.8 53.8

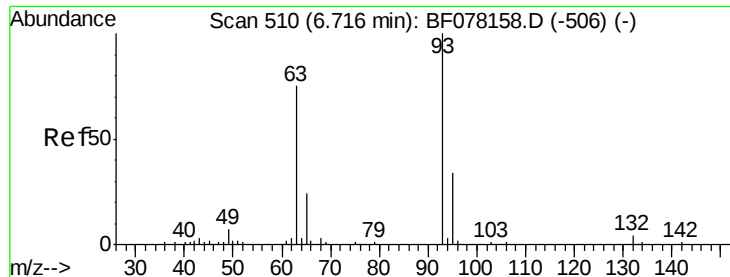


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

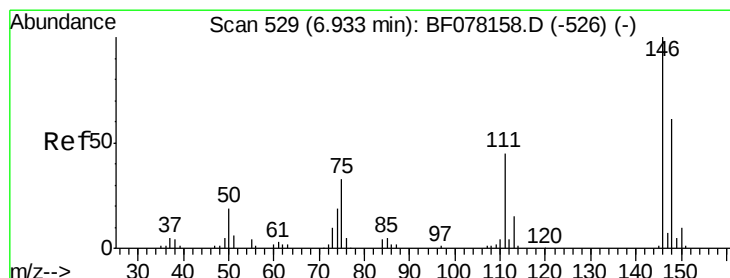
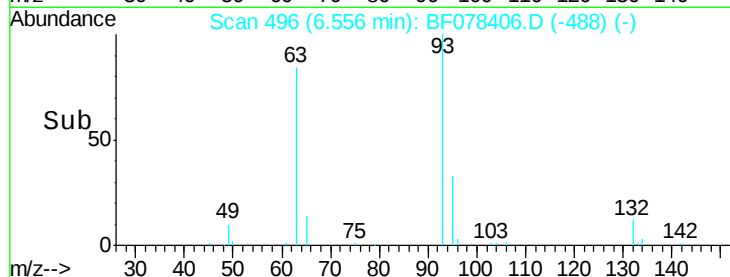
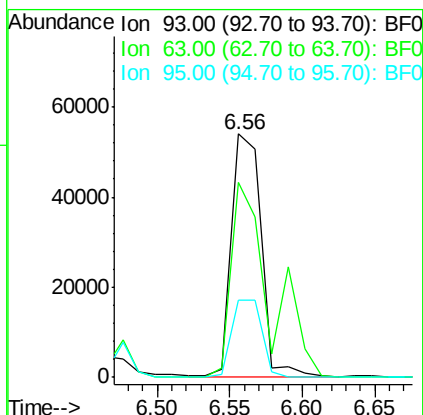
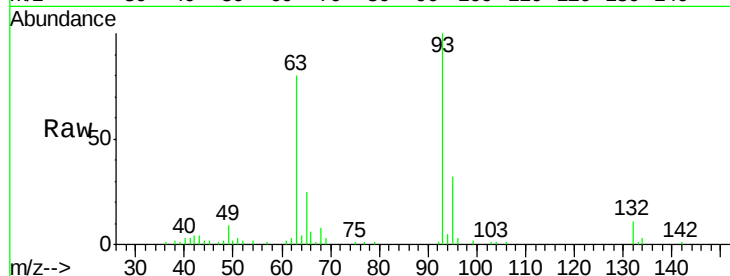




#11
bis(2-Chloroethyl)ether
Concen: 33.70 ng
RT: 6.56 min Scan# 496
Delta R.T. -0.01 min
Lab File: BF078406.D
Acq: 10 Apr 2015 18:26

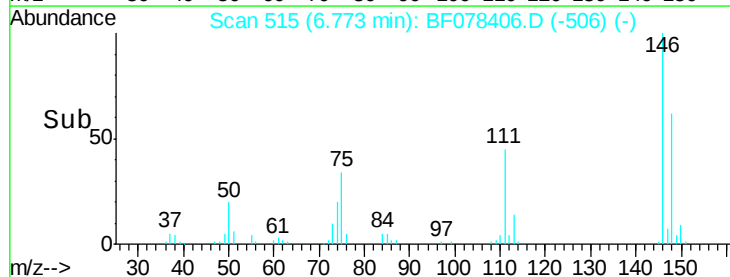
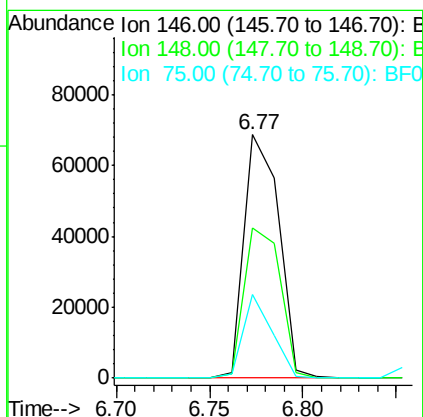
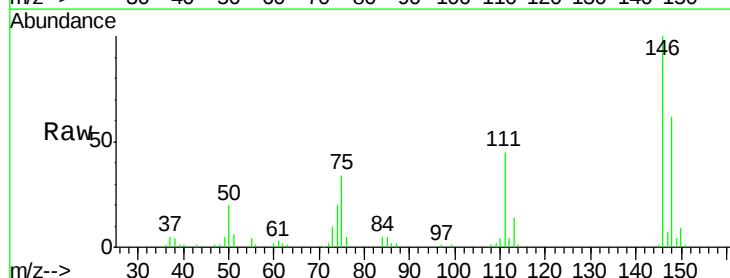
Instrument :
BNA_F
ClientSampleId :
PB82775BS

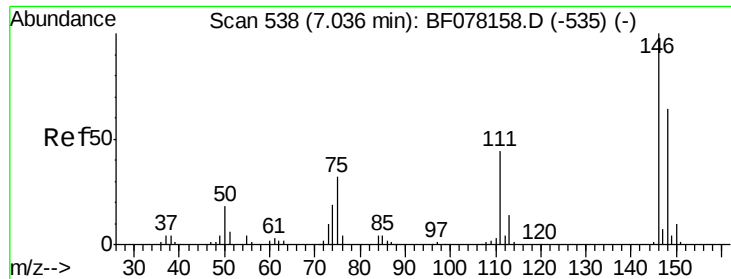
Tgt Ion: 93 Resp: 77298
Ion Ratio Lower Upper
93 100
63 80.0 54.6 94.6
95 31.9 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 32.23 ng
RT: 6.77 min Scan# 515
Delta R.T. 0.00 min
Lab File: BF078406.D
Acq: 10 Apr 2015 18:26

Tgt Ion: 146 Resp: 88920
Ion Ratio Lower Upper
146 100
148 61.9 49.1 73.7
75 34.3 26.6 40.0

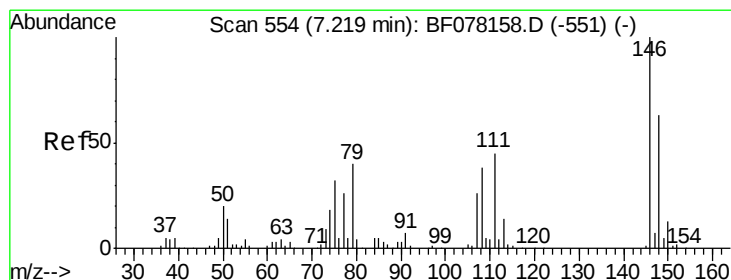
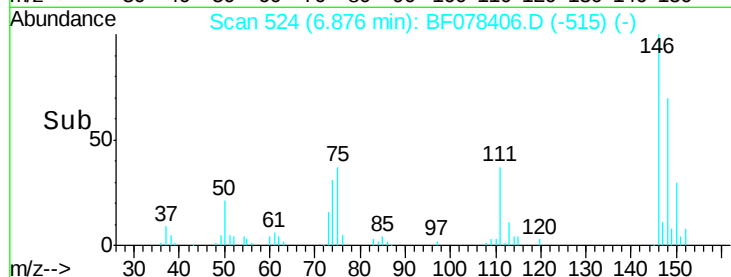
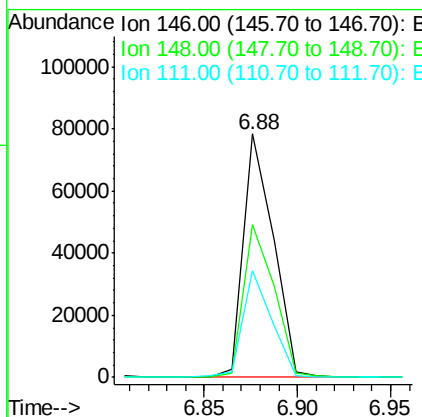
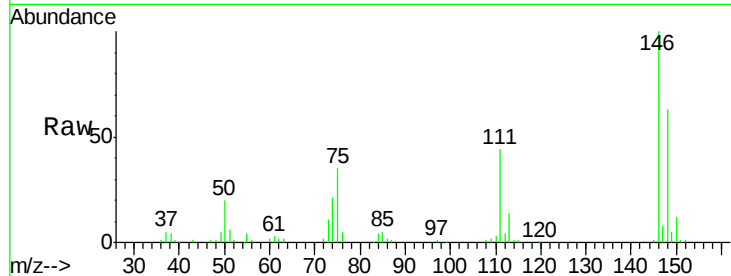




#13
 1,4-Dichlorobenzene
 Concen: 31.56 ng
 RT: 6.88 min Scan# 524
 Delta R.T. 0.00 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

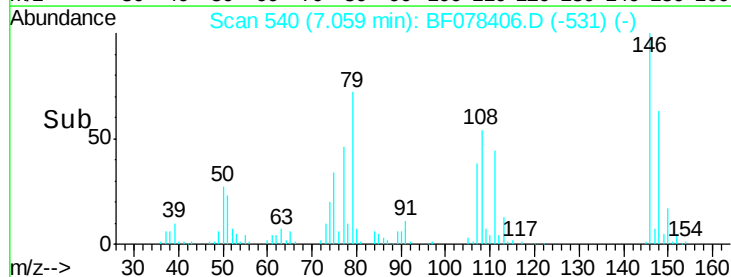
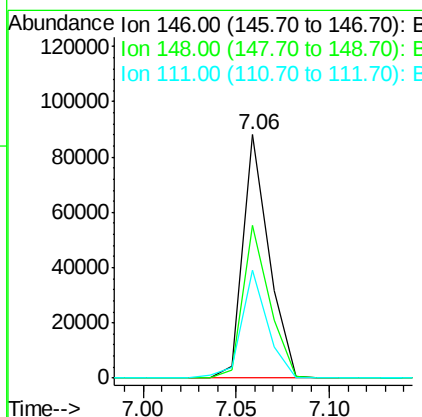
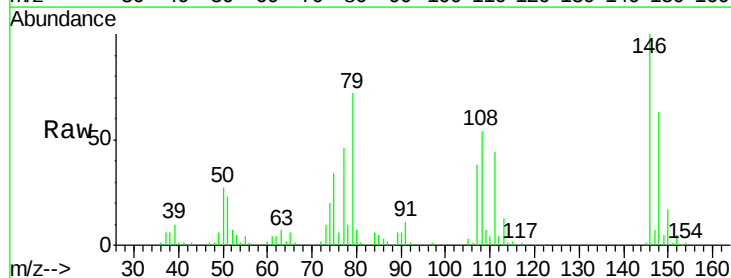
Instrument :
 BNA_F
 ClientSampleId :
 PB82775BS

Tgt Ion:146 Resp: 87646
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.4 77.0
 111 43.7 35.0 52.4



#14
 1,2-Dichlorobenzene
 Concen: 32.96 ng
 RT: 7.06 min Scan# 540
 Delta R.T. 0.00 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

Tgt Ion:146 Resp: 85823
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.2 75.4
 111 44.3 36.1 54.1





#15

Benzyl Alcohol

Concen: 36.76 ng

RT: 7.06 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

Instrument :

BNA_F

ClientSampleId :

PB82775BS

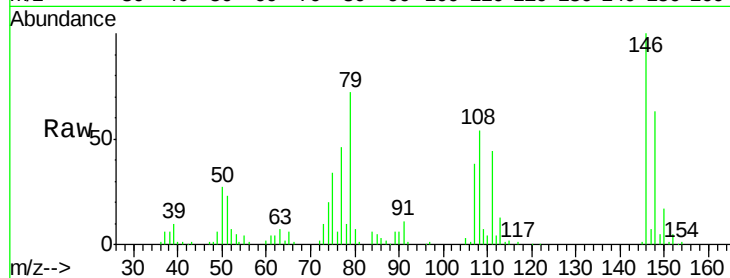
Tgt Ion: 79 Resp: 68763

Ion Ratio Lower Upper

79 100

108 74.5 57.6 86.4

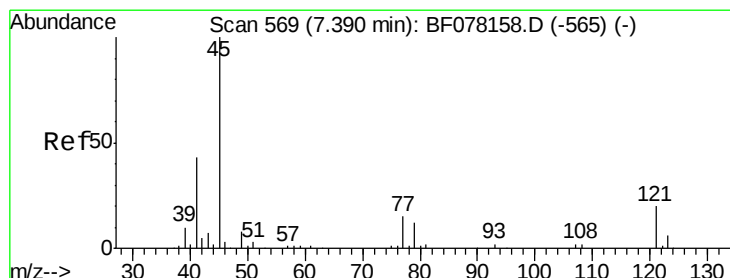
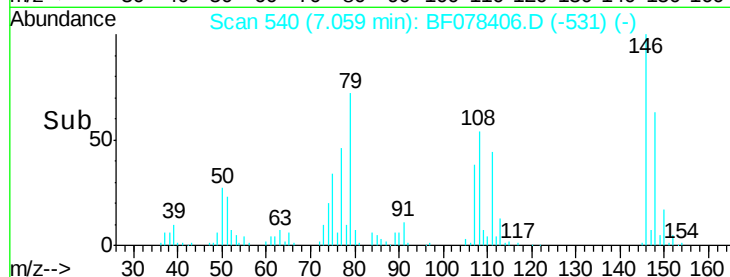
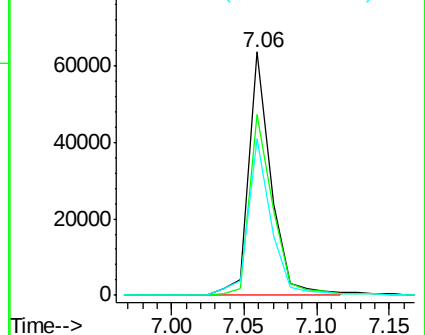
77 64.1 53.5 80.3



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: 34.33 ng

RT: 7.24 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

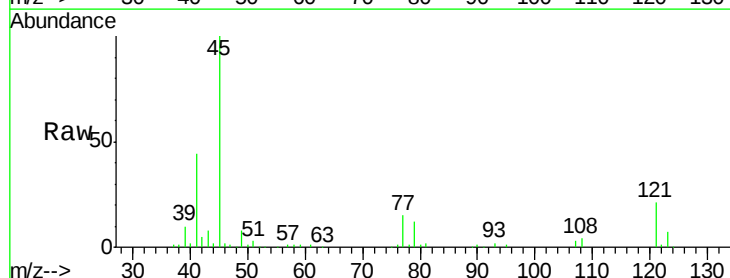
Tgt Ion: 45 Resp: 105028

Ion Ratio Lower Upper

45 100

77 15.4 0.0 34.5

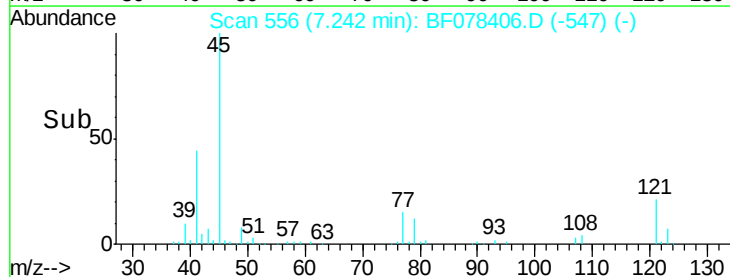
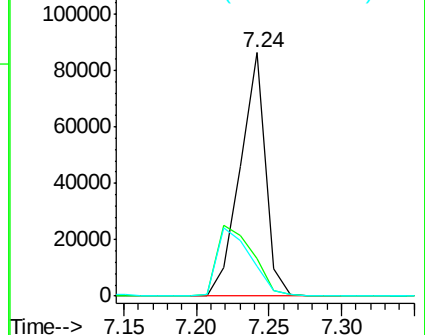
79 12.3 0.0 31.9

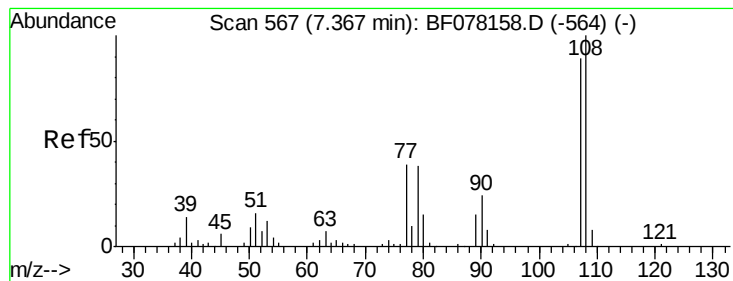


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 34.28 ng

RT: 7.22 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

Instrument :

BNA_F

ClientSampleId :

PB82775BS

Tgt Ion:107 Resp: 66841

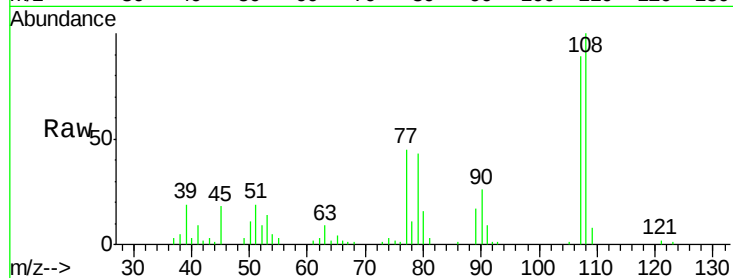
Ion Ratio Lower Upper

107 100

108 111.9 90.3 135.5

77 49.8 35.5 53.3

79 47.9 34.2 51.4

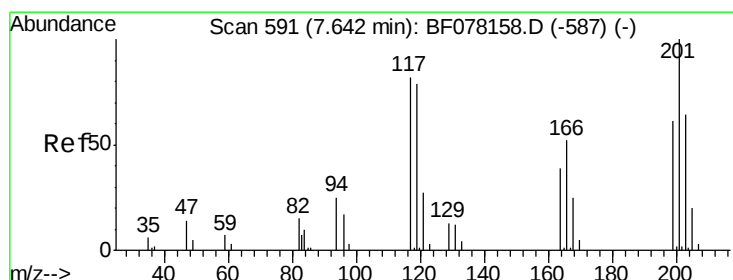
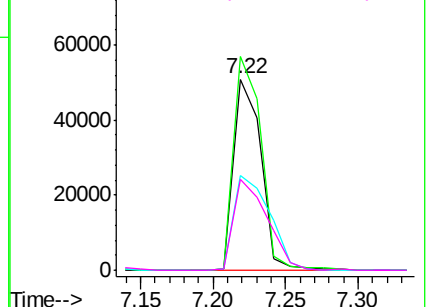
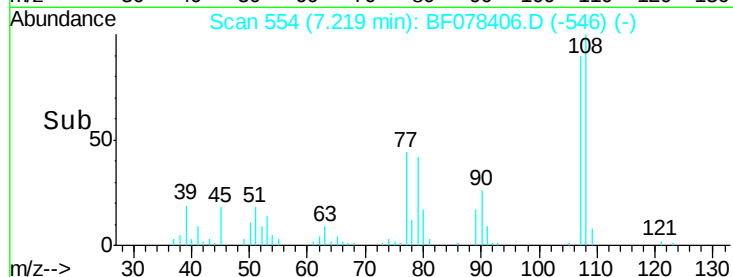


Abundance Ion 107.00 (106.70 to 107.70): E

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: 32.40 ng

RT: 7.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

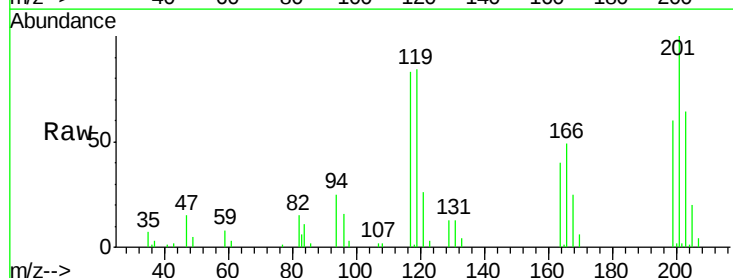
Tgt Ion:117 Resp: 30339

Ion Ratio Lower Upper

117 100

119 101.4 77.0 115.6

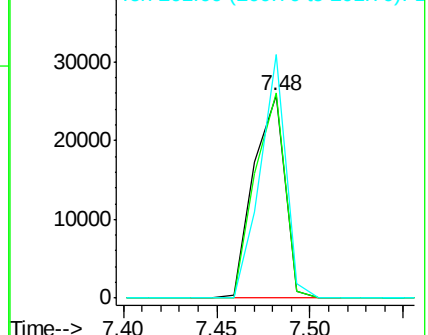
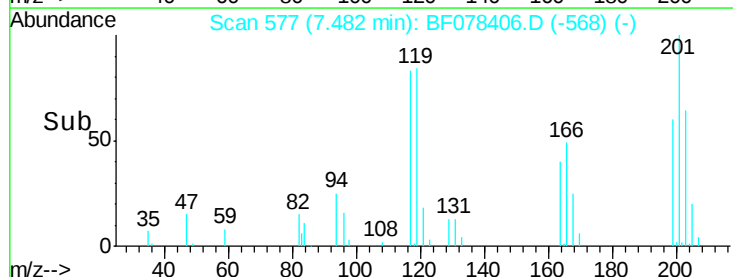
201 120.5 98.1 147.1

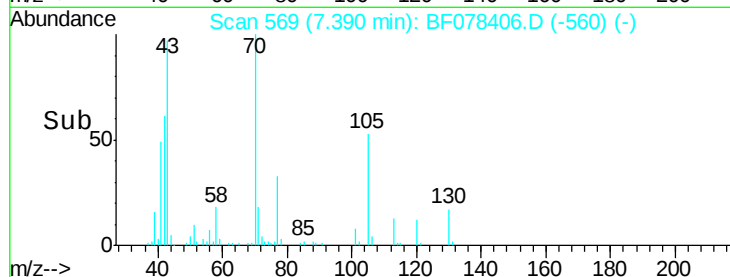
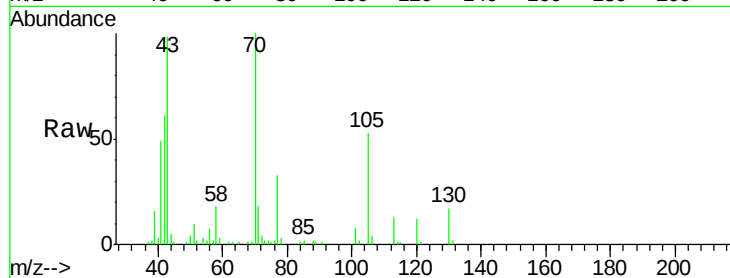
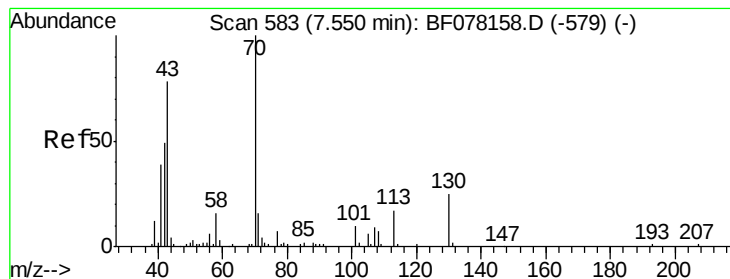


Abundance Ion 117.00 (116.70 to 117.70): E

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: 32.31 ng

RT: 7.39 min Scan# 569

Delta R.T. 0.00 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

Instrument :

BNA_F

ClientSampleId :

PB82775BS

Tgt Ion: 70 Resp: 56737

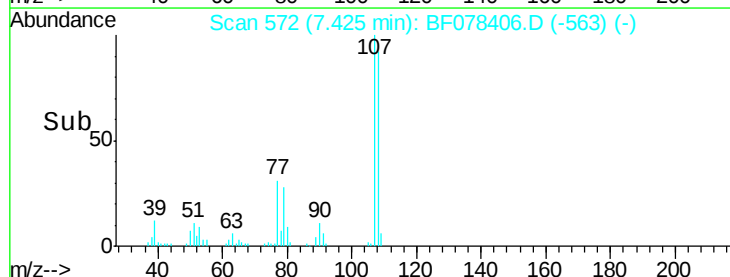
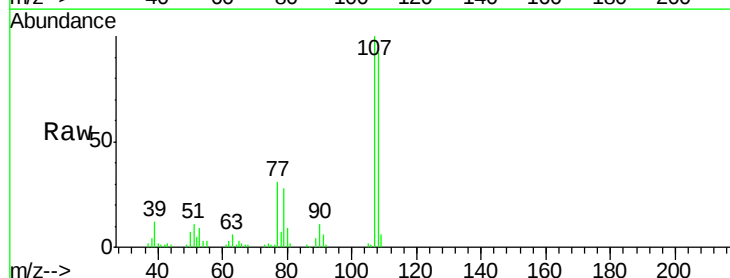
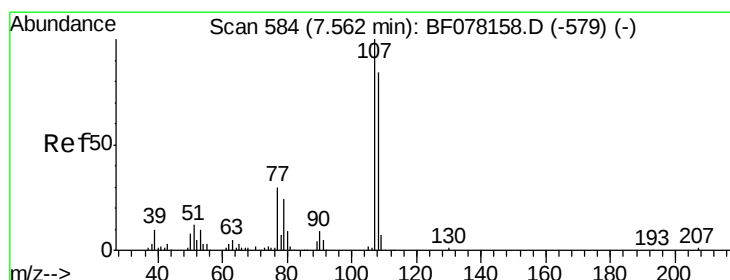
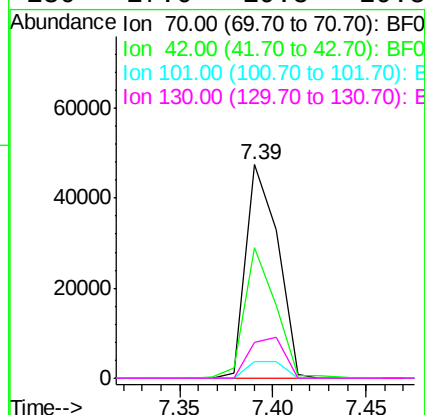
Ion Ratio Lower Upper

70 100

42 61.0 38.9 58.3#

101 8.1 8.3 12.5#

130 17.0 19.8 29.8#



#20

3+4-Methylphenols

Concen: 35.07 ng

RT: 7.42 min Scan# 572

Delta R.T. 0.00 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

Tgt Ion: 107 Resp: 91214

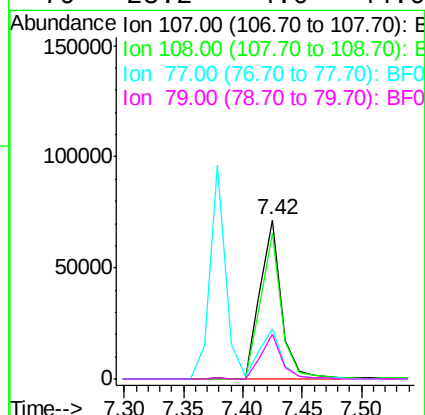
Ion Ratio Lower Upper

107 100

108 91.9 64.4 104.4

77 31.5 9.7 49.7

79 28.2 4.0 44.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.44 min Scan# 661

Delta R.T. 0.00 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

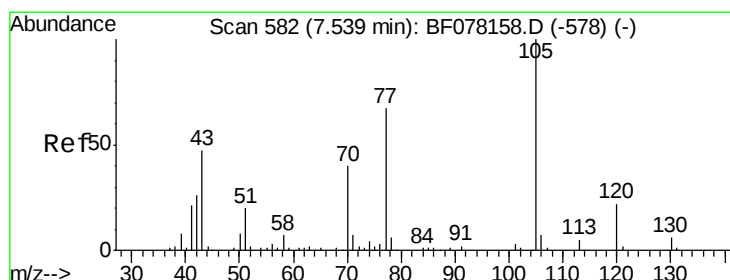
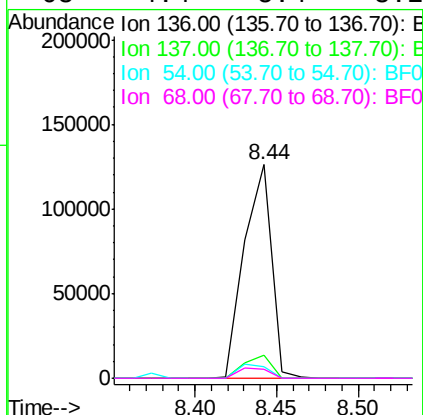
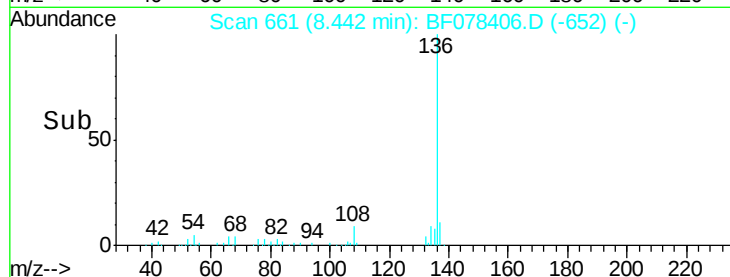
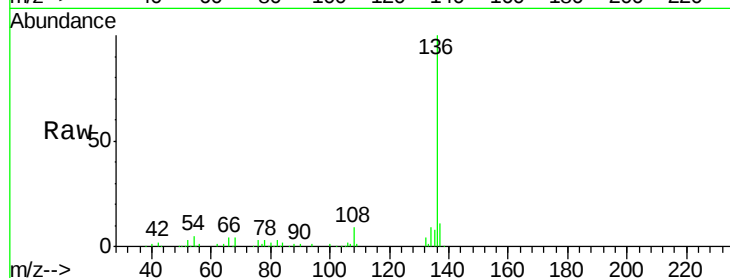
Instrument :

BNA_F

ClientSampleId :

PB82775BS

Tgt Ion:	136	Resp:	146114
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.0	13.4
54	5.4	7.0	10.6#
68	4.4	5.4	8.2#



#22

Acetophenone

Concen: 34.65 ng

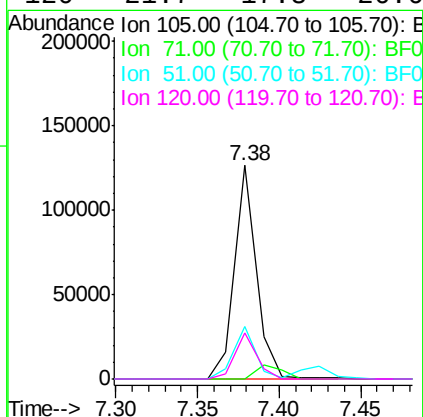
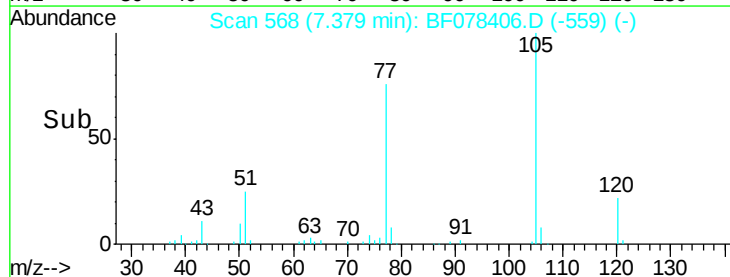
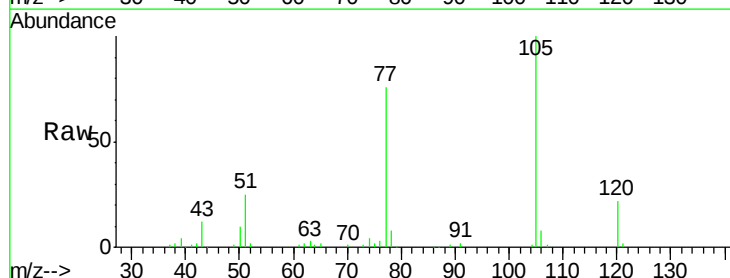
RT: 7.38 min Scan# 568

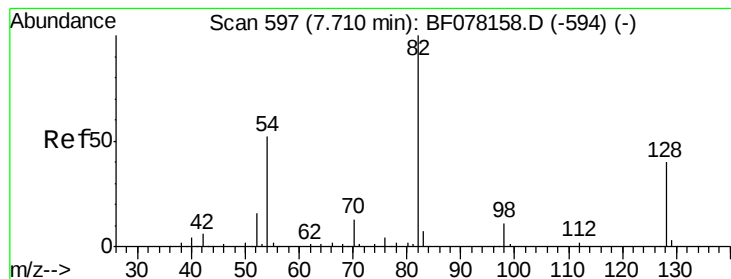
Delta R.T. 0.00 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

Tgt Ion:	105	Resp:	117947
Ion Ratio	Lower	Upper	
105	100		
71	0.0	5.5	8.3#
51	24.6	16.0	24.0#
120	21.7	17.8	26.6





#23

Nitrobenzene-d5

Concen: 70.41 ng

RT: 7.56 min Scan# 584

Delta R.T. 0.00 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

Instrument :

BNA_F

ClientSampleId :

PB82775BS

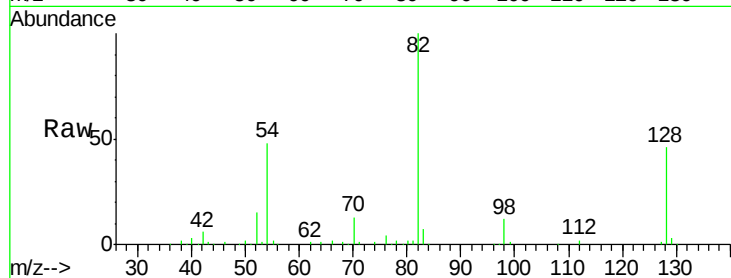
Tgt Ion: 82 Resp: 169738

Ion Ratio Lower Upper

82 100

128 46.3 31.8 47.8

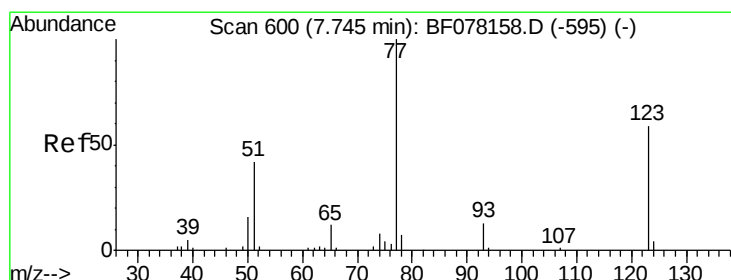
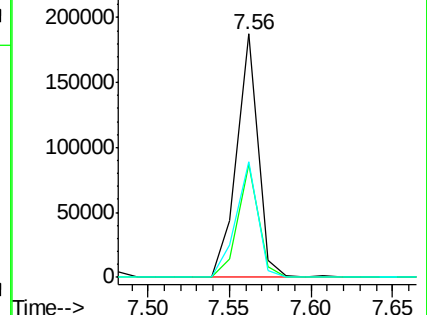
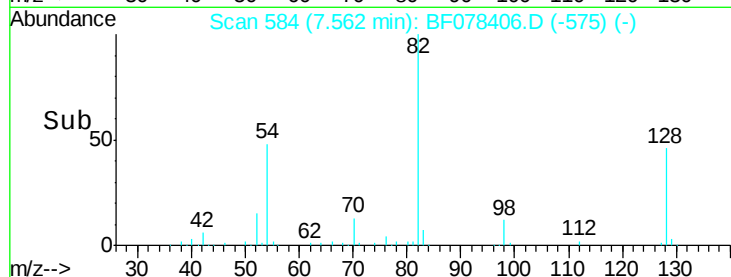
54 47.5 41.5 62.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 34.98 ng

RT: 7.58 min Scan# 586

Delta R.T. 0.00 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

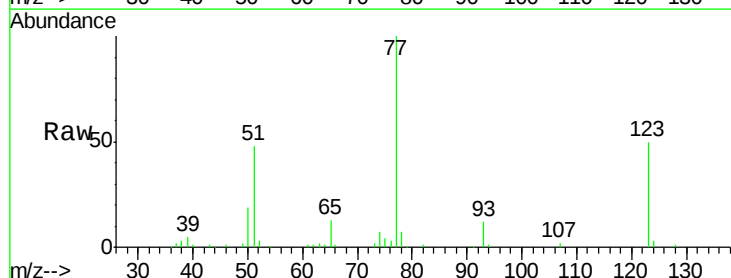
Tgt Ion: 77 Resp: 88154

Ion Ratio Lower Upper

77 100

123 50.2 46.9 70.3

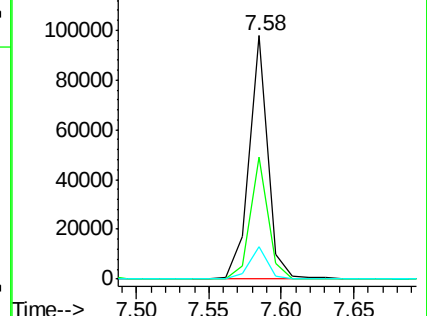
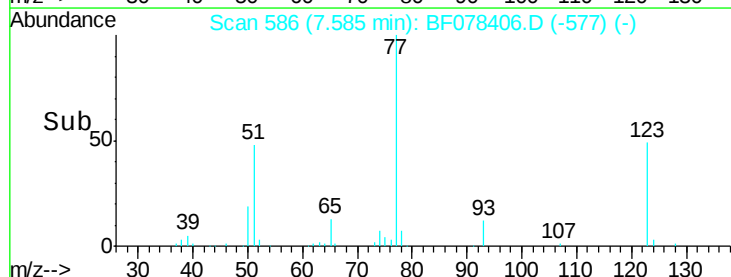
65 13.2 9.5 14.3

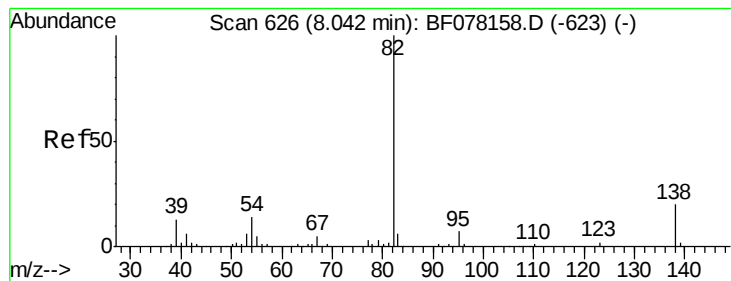


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): B

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 32.56 ng

RT: 7.88 min Scan# 612

Delta R.T. 0.00 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

Instrument :

BNA_F

ClientSampleId :

PB82775BS

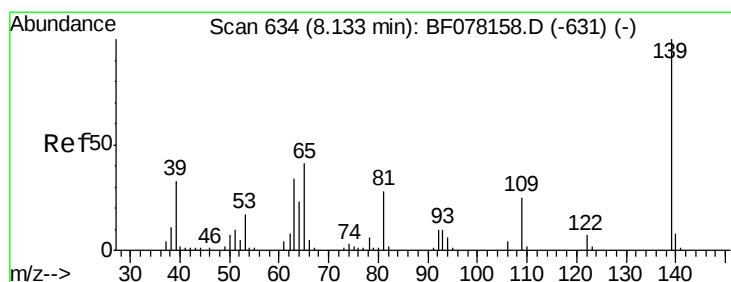
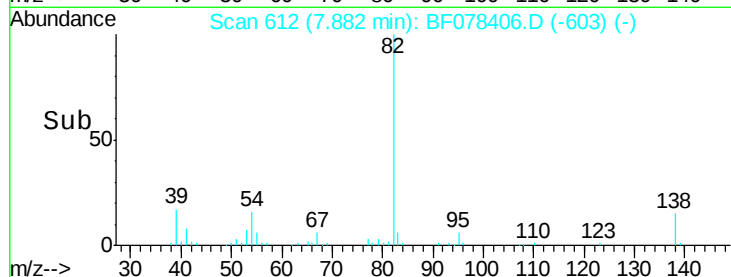
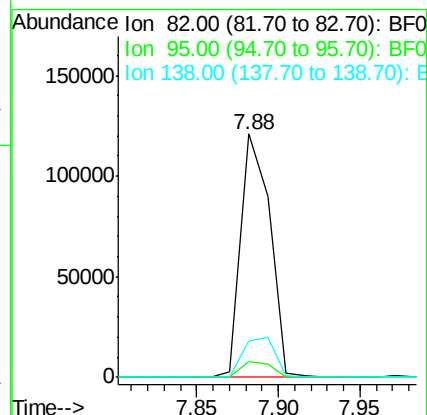
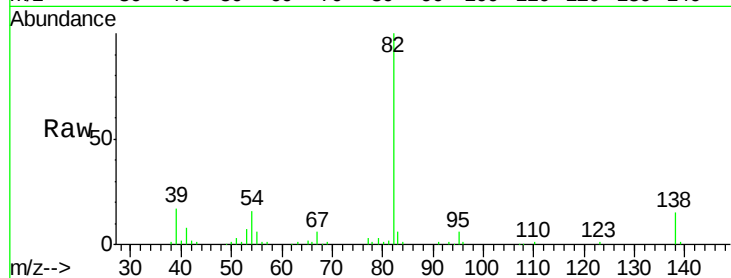
Tgt Ion: 82 Resp: 148948

Ion Ratio Lower Upper

82 100

95 6.5 5.7 8.5

138 14.9 15.8 23.8#



#26

2-Nitrophenol

Concen: 33.79 ng

RT: 7.97 min Scan# 620

Delta R.T. -0.01 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

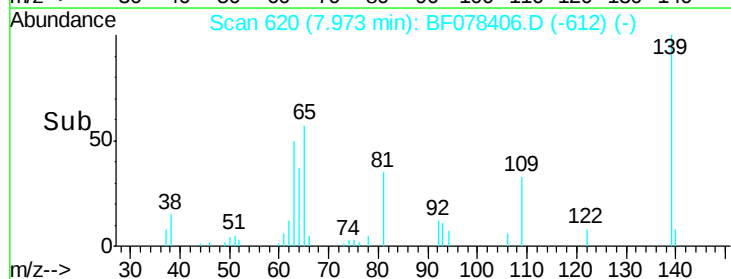
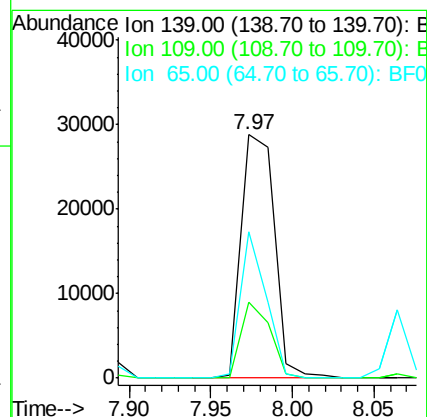
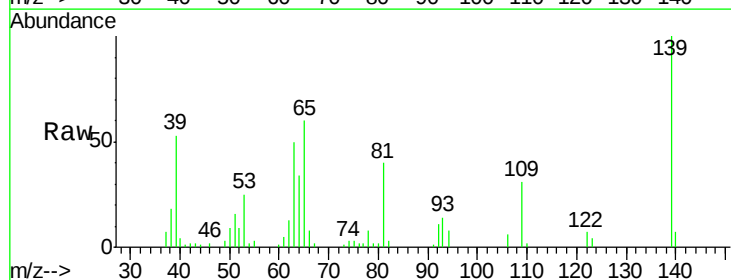
Tgt Ion: 139 Resp: 40579

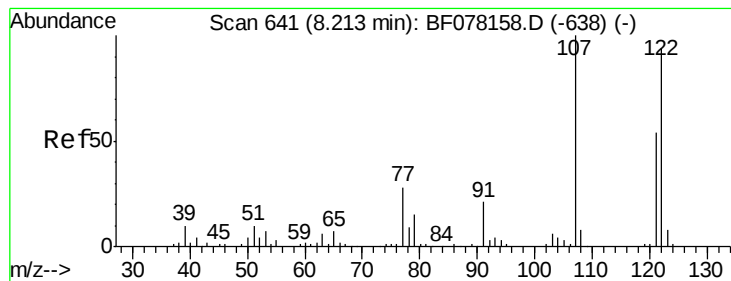
Ion Ratio Lower Upper

139 100

109 31.1 19.8 29.8#

65 59.9 32.7 49.1#





#27

2,4-Dimethylphenol

Concen: 34.95 ng

RT: 8.06 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

Instrument :

BNA_F

ClientSampleId :

PB82775BS

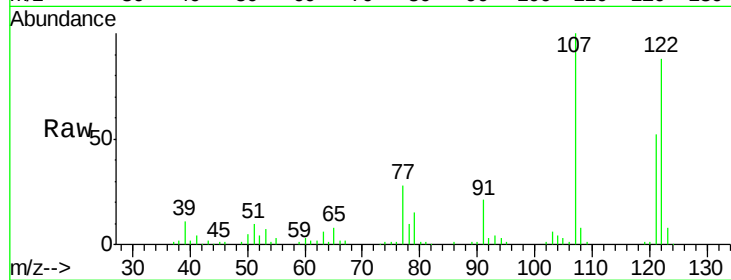
Tgt Ion: 122 Resp: 78043

Ion Ratio Lower Upper

122 100

107 113.4 84.6 127.0

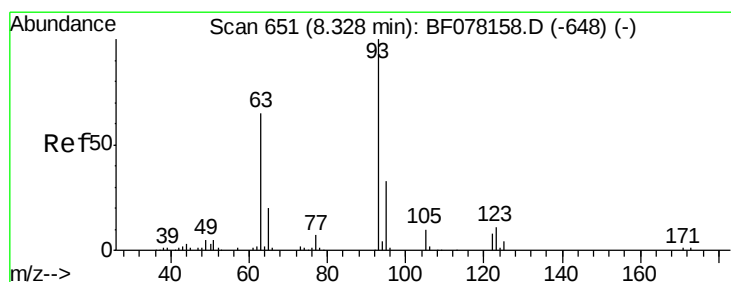
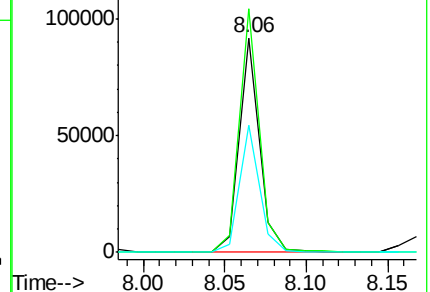
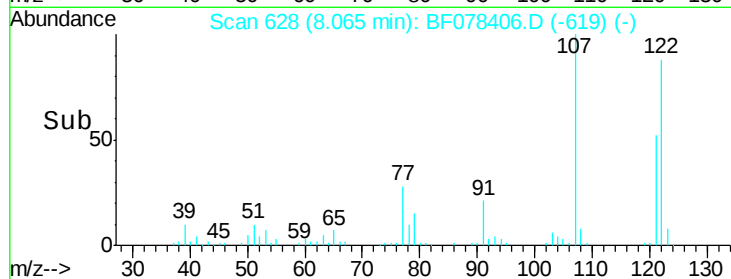
121 59.3 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 33.58 ng

RT: 8.18 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

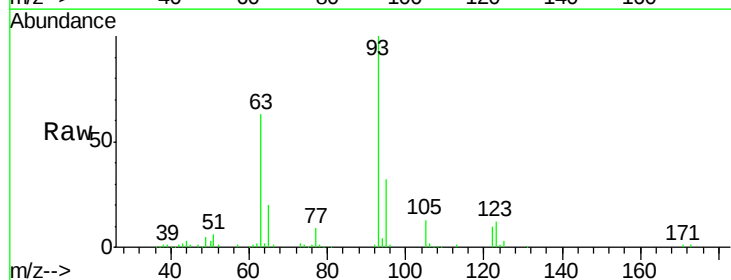
Tgt Ion: 93 Resp: 98515

Ion Ratio Lower Upper

93 100

95 32.2 26.3 39.5

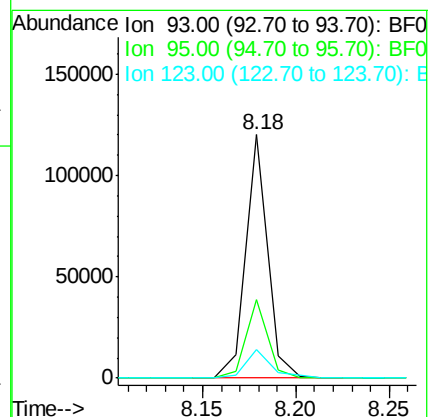
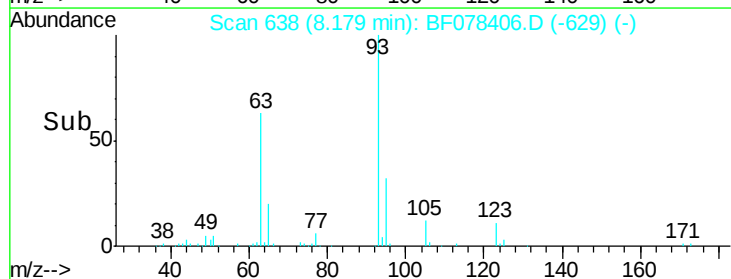
123 11.7 9.1 13.7

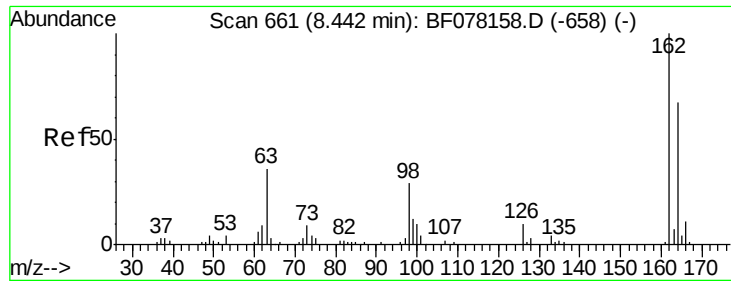


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

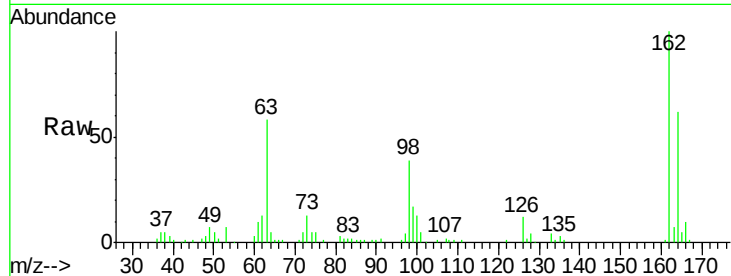




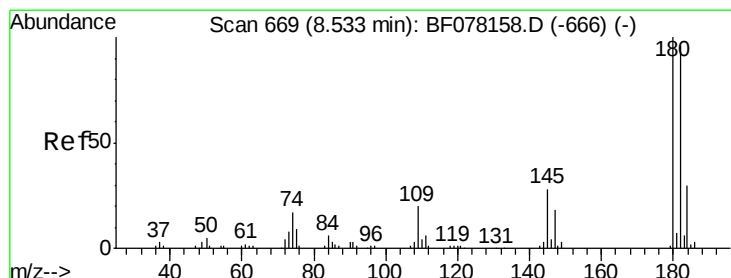
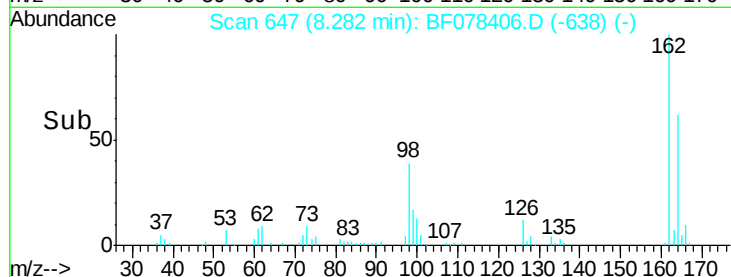
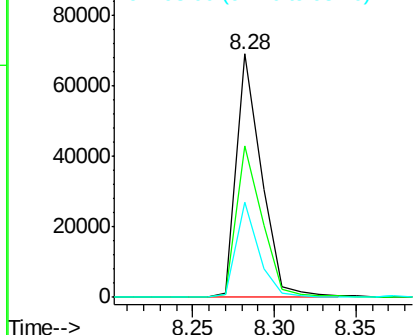
#29
 2,4-Dichlorophenol
 Concen: 36.15 ng
 RT: 8.28 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

Instrument :
 BNA_F
 ClientSampleId :
 PB82775BS

Tgt Ion:162 Resp: 73450
 Ion Ratio Lower Upper
 162 100
 164 62.3 47.0 87.0
 98 39.0 9.2 49.2

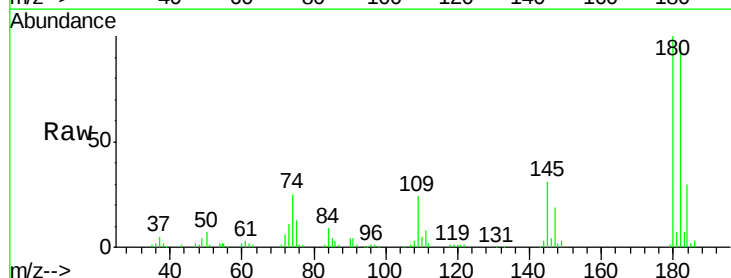


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

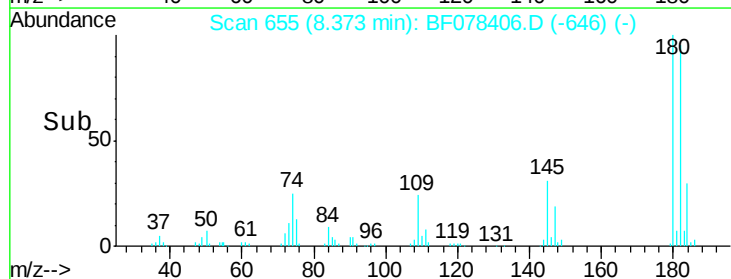
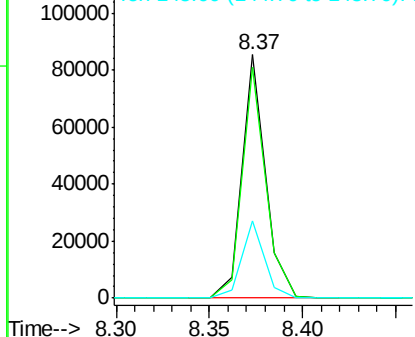


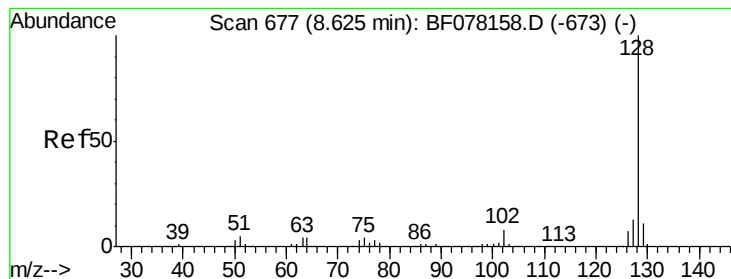
#30
 1,2,4-Trichlorobenzene
 Concen: 32.19 ng
 RT: 8.37 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

Tgt Ion:180 Resp: 74972
 Ion Ratio Lower Upper
 180 100
 182 94.6 76.9 115.3
 145 31.5 22.5 33.7



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





#31

Naphthalene

Concen: 32.89 ng

RT: 8.46 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

Instrument :

BNA_F

ClientSampleId :

PB82775BS

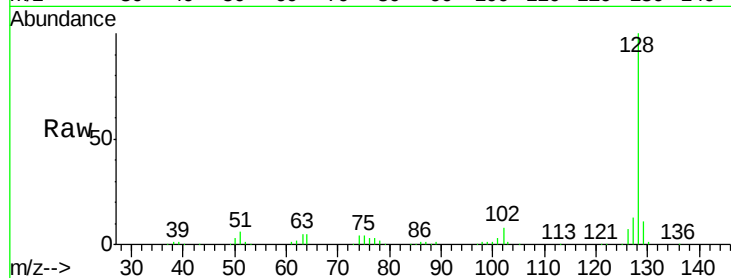
Tgt Ion:128 Resp: 250132

Ion Ratio Lower Upper

128 100

129 10.8 8.6 12.8

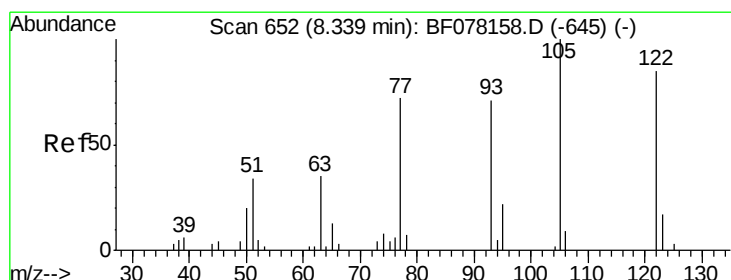
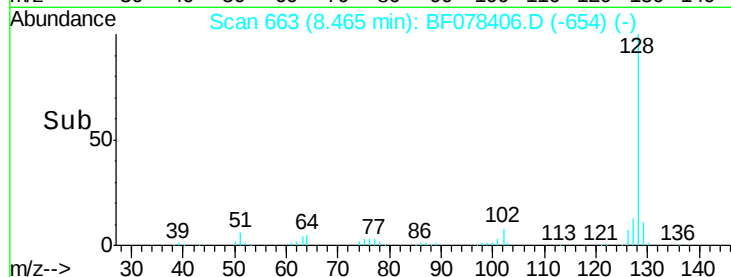
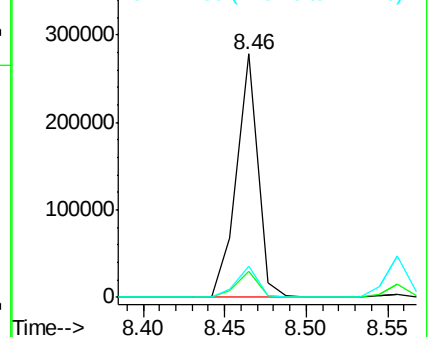
127 12.5 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.09 ng

RT: 8.19 min Scan# 639

Delta R.T. -0.01 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

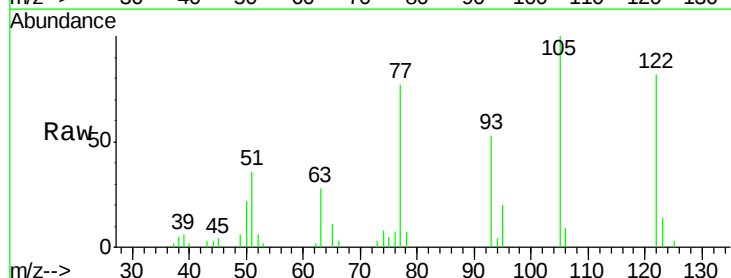
Tgt Ion:122 Resp: 42161

Ion Ratio Lower Upper

122 100

105 122.1 96.1 136.1

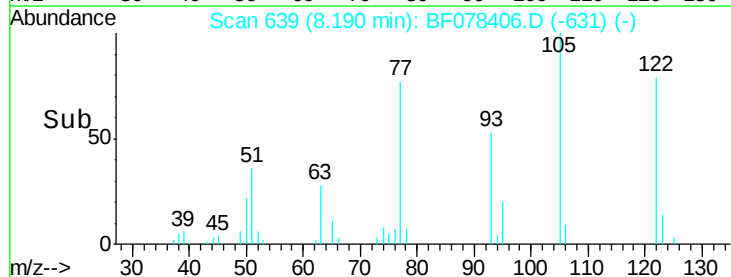
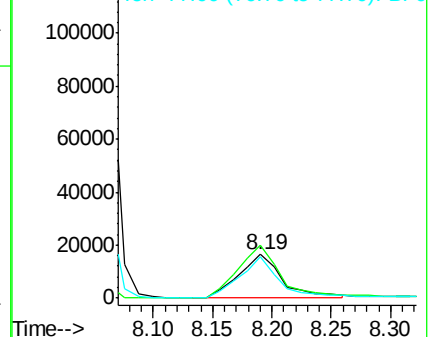
77 94.4 64.1 104.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

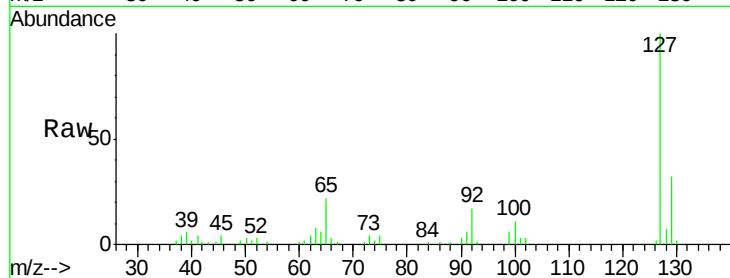




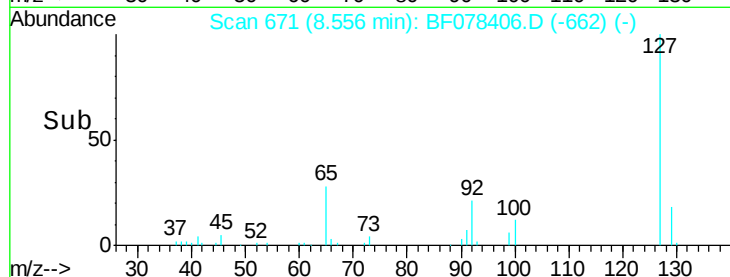
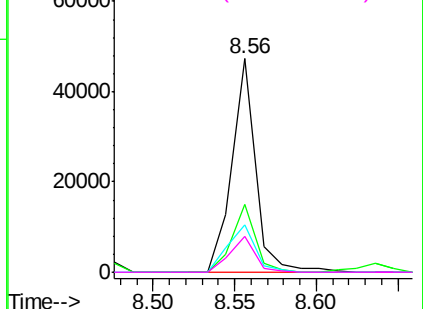
#33
 4-Chloroaniline
 Concen: 15.10 ng
 RT: 8.56 min Scan# 671
 Delta R.T. 0.00 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

Instrument :
 BNA_F
 ClientSampleId :
 PB82775BS

Tgt Ion:	127	Resp:	47662
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.5	38.3
65	22.4	21.7	32.5
92	16.8	14.6	21.8

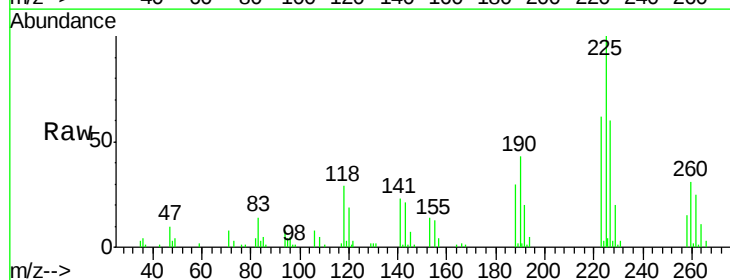


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

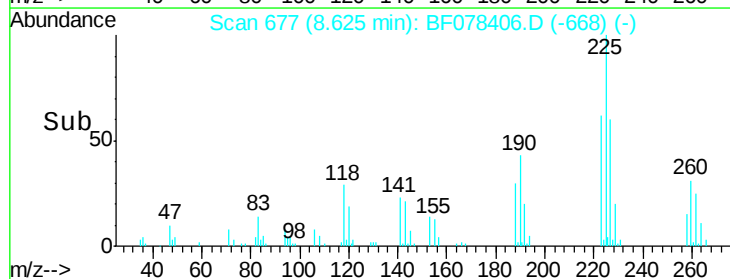
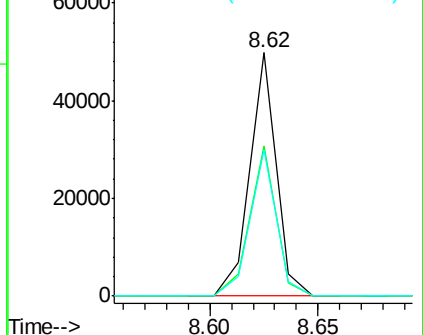


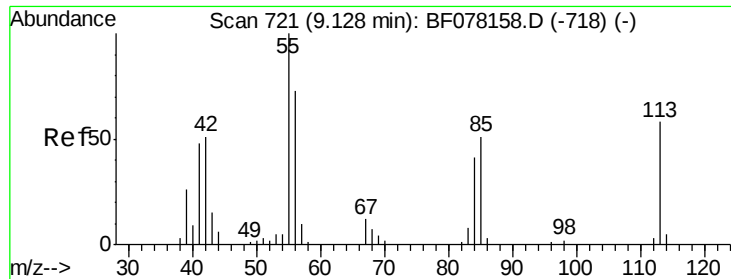
#34
 Hexachlorobutadiene
 Concen: 32.79 ng
 RT: 8.62 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

Tgt Ion:	225	Resp:	41935
Ion	Ratio	Lower	Upper
225	100		
223	61.8	47.5	71.3
227	60.3	50.2	75.2



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

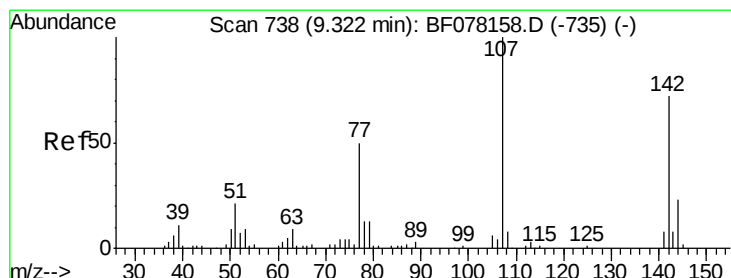
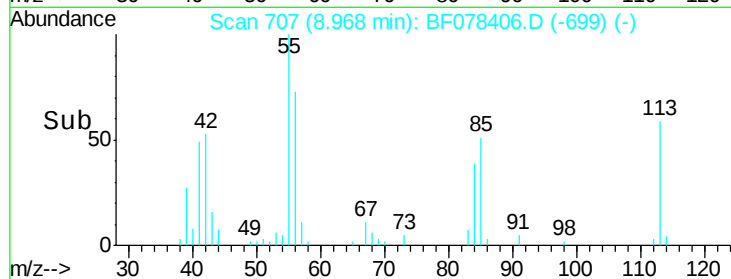
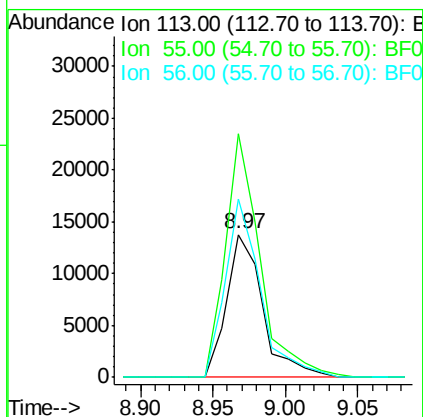
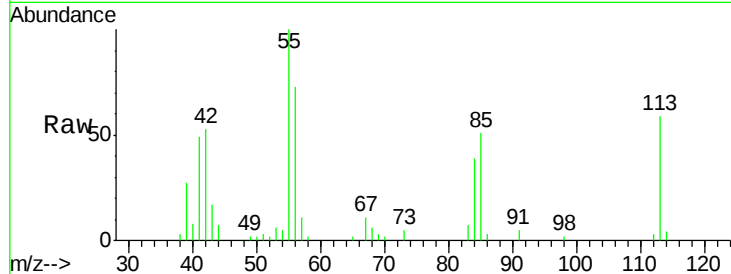




#35
 Caprolactam
 Concen: 39.46 ng
 RT: 8.97 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

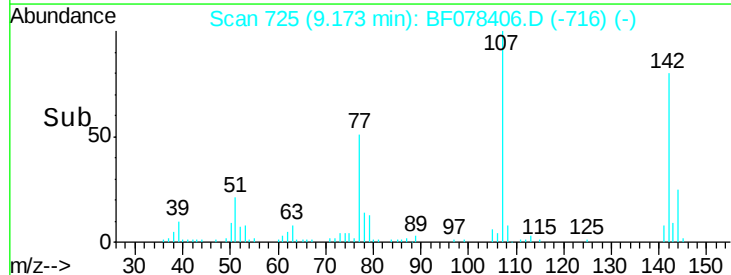
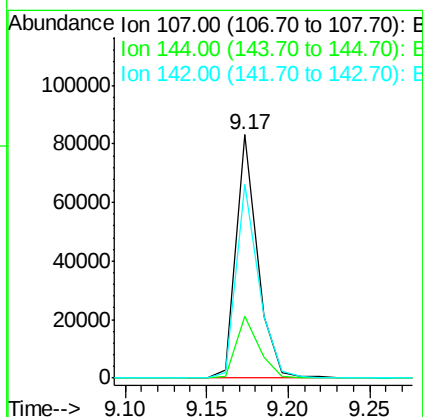
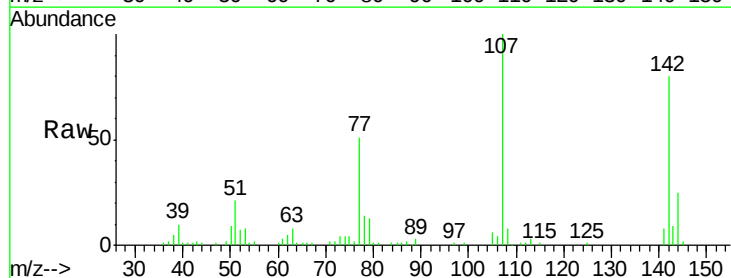
Instrument :
 BNA_F
 ClientSampleId :
 PB82775BS

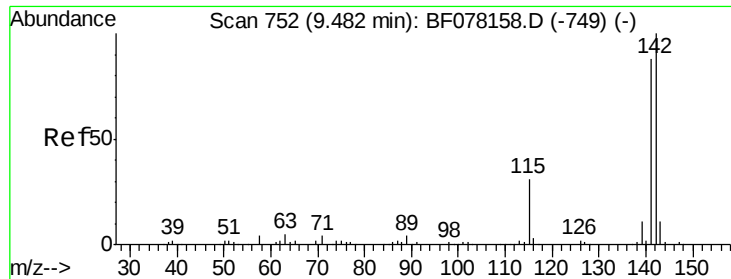
Tgt Ion:113 Resp: 23932
 Ion Ratio Lower Upper
 113 100
 55 170.5 151.9 191.9
 56 125.0 106.1 146.1



#36
 4-Chloro-3-methylphenol
 Concen: 37.03 ng
 RT: 9.17 min Scan# 725
 Delta R.T. 0.00 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

Tgt Ion:107 Resp: 75907
 Ion Ratio Lower Upper
 107 100
 144 25.2 18.2 27.2
 142 79.6 58.0 87.0

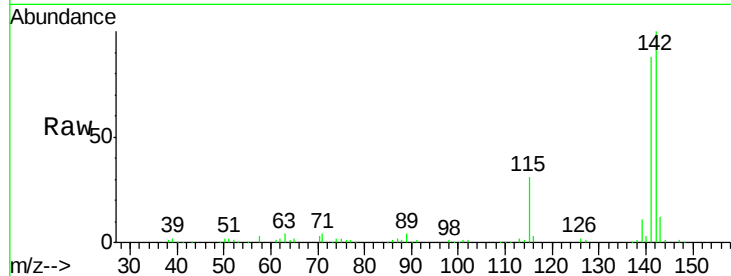




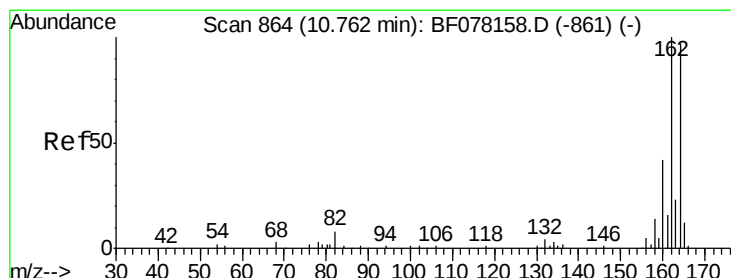
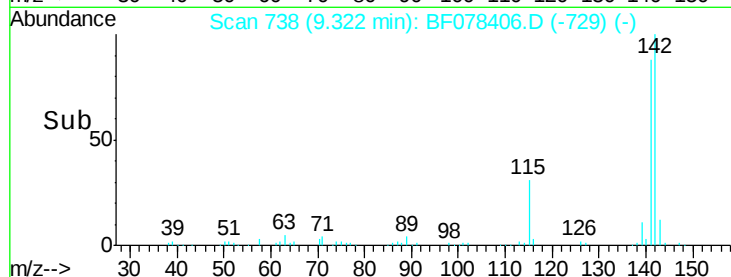
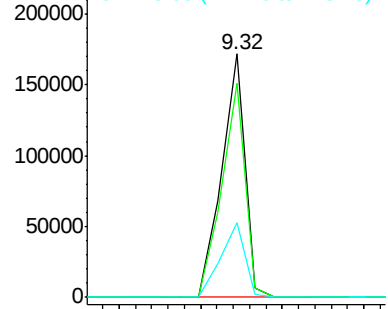
#37
 2-Methylnaphthalene
 Concen: 33.01 ng
 RT: 9.32 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

Instrument :
 BNA_F
 ClientSampleId :
 PB82775BS

Tgt Ion:142 Resp: 170458
 Ion Ratio Lower Upper
 142 100
 141 88.1 70.3 105.5
 115 30.6 24.6 37.0

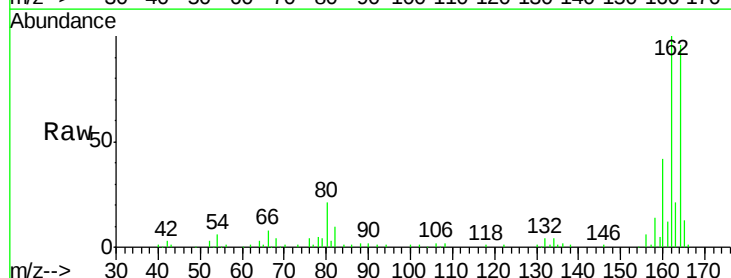


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

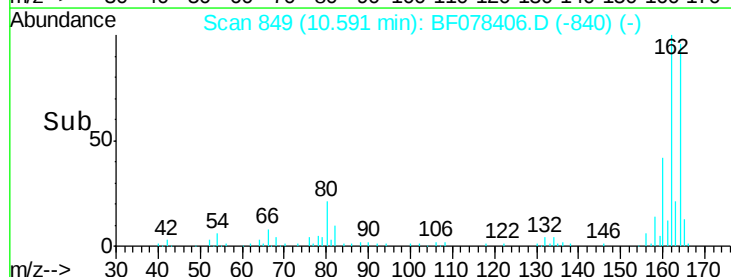
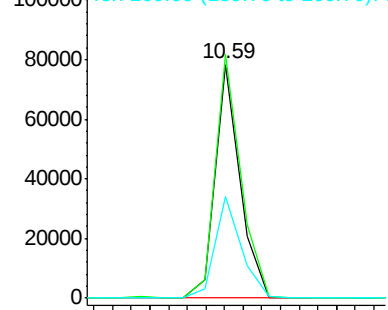


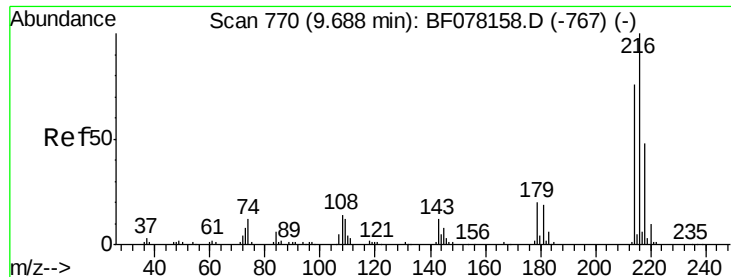
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.59 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

Tgt Ion:164 Resp: 72336
 Ion Ratio Lower Upper
 164 100
 162 104.2 82.2 123.2
 160 43.7 34.7 52.1



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

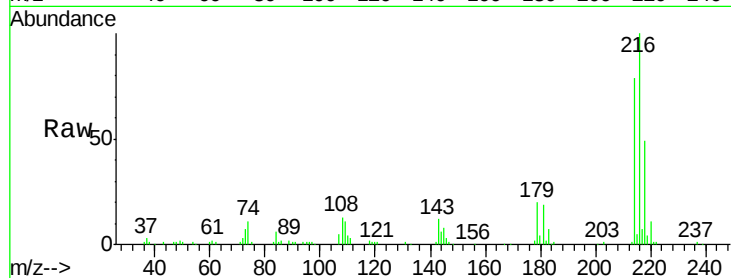




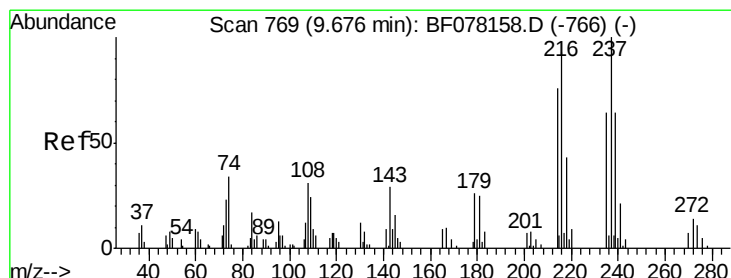
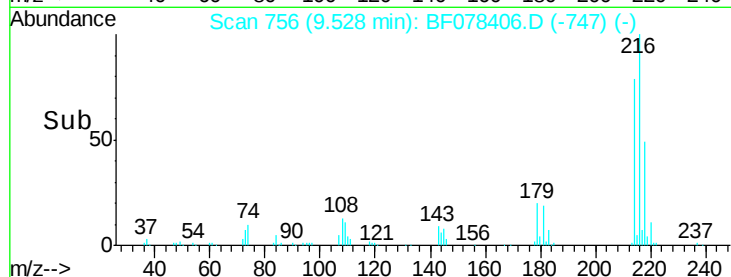
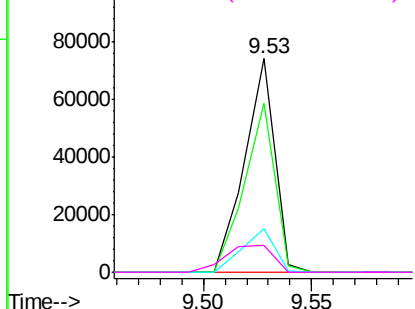
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 31.98 ng
 RT: 9.53 min Scan# 756
 Delta R.T. 0.00 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

Instrument :
 BNA_F
 ClientSampleId :
 PB82775BS

Tgt Ion:	216	Resp:	71670
Ion	Ratio	Lower	Upper
216	100		
214	79.8	62.0	93.0
179	21.7	17.3	25.9
108	19.9	14.6	21.8

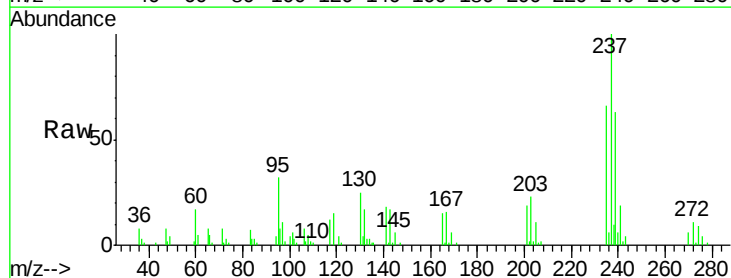


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

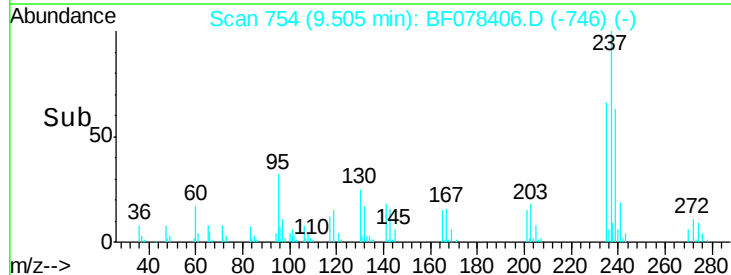
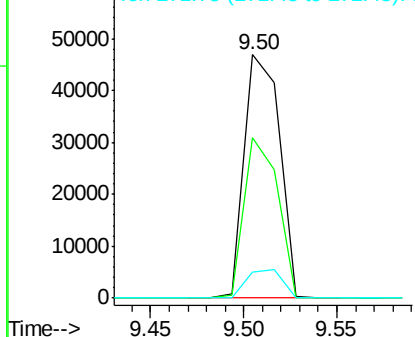


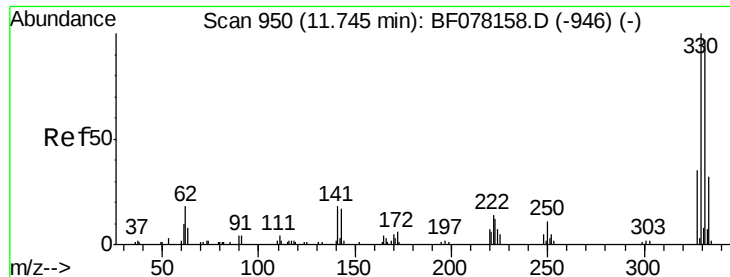
#40
 Hexachlorocyclopentadiene
 Concen: 65.15 ng
 RT: 9.50 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

Tgt Ion:	237	Resp:	61524
Ion	Ratio	Lower	Upper
237	100		
235	65.7	44.1	84.1
272	10.9	0.0	34.4



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

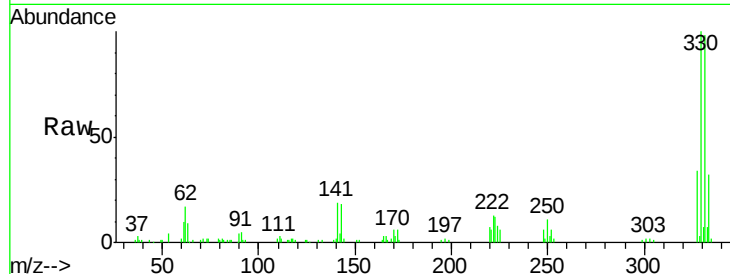




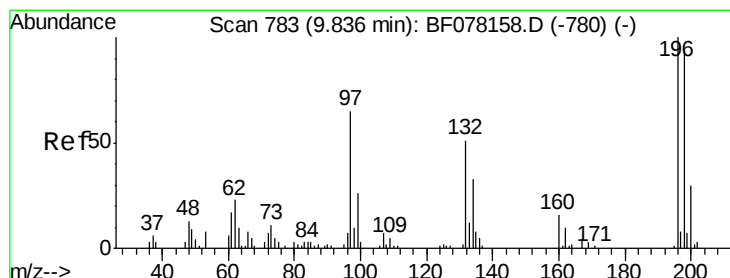
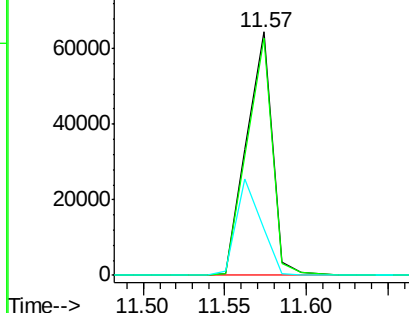
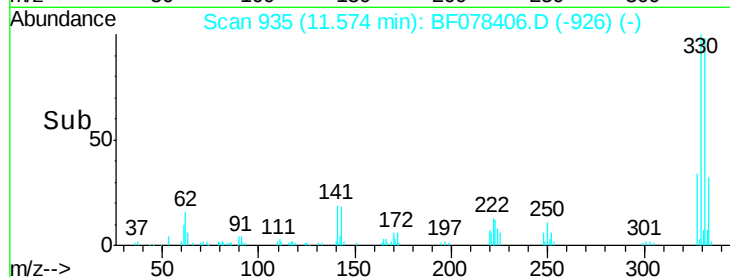
#41
 2,4,6-Tribromophenol
 Concen: 117.34 ng
 RT: 11.57 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

Instrument :
 BNA_F
 ClientSampleId :
 PB82775BS

Tgt Ion:330 Resp: 70393
 Ion Ratio Lower Upper
 330 100
 332 96.7 78.6 117.8
 141 38.7 31.2 46.8

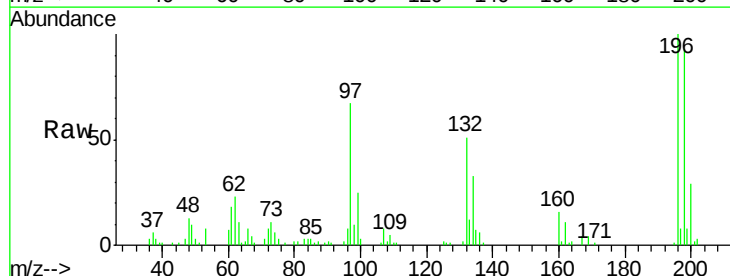


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

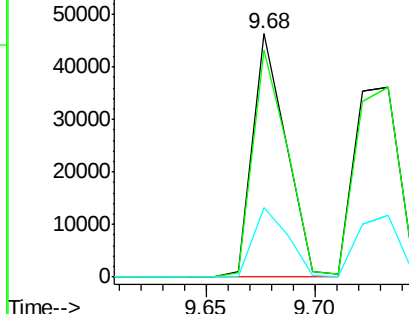
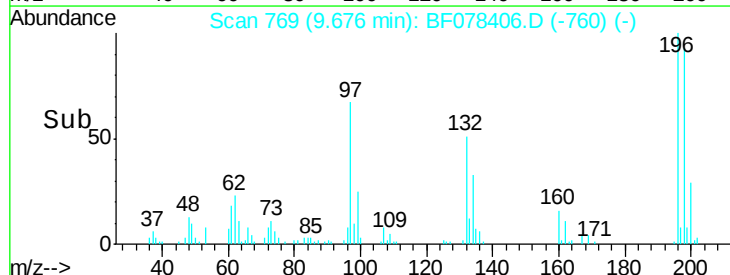


#42
 2,4,6-Trichlorophenol
 Concen: 35.30 ng
 RT: 9.68 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

Tgt Ion:196 Resp: 49899
 Ion Ratio Lower Upper
 196 100
 198 93.4 75.4 113.2
 200 28.6 24.0 36.0



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

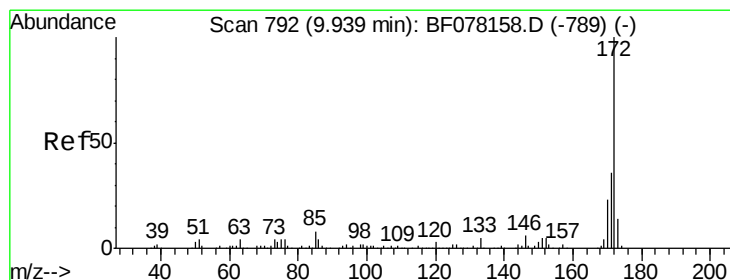
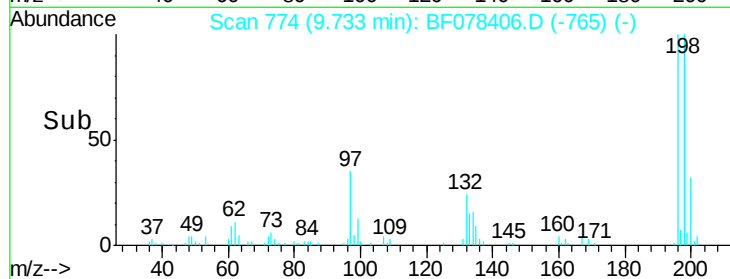
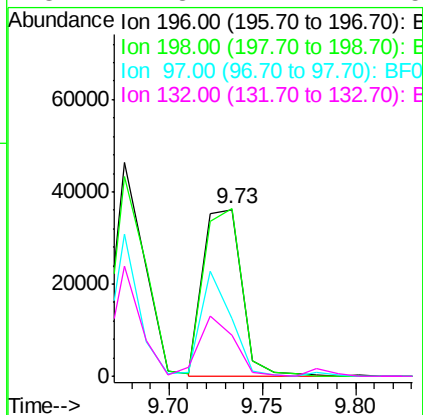
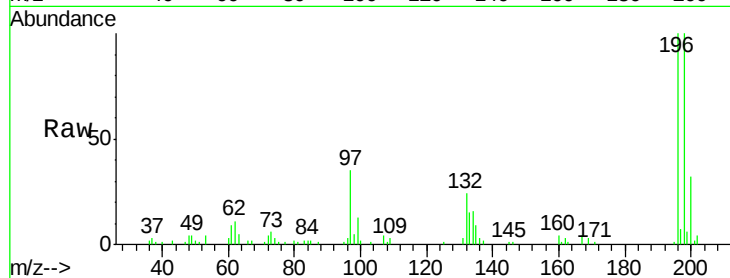




#43
 2,4,5-Trichlorophenol
 Concen: 35.67 ng
 RT: 9.73 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

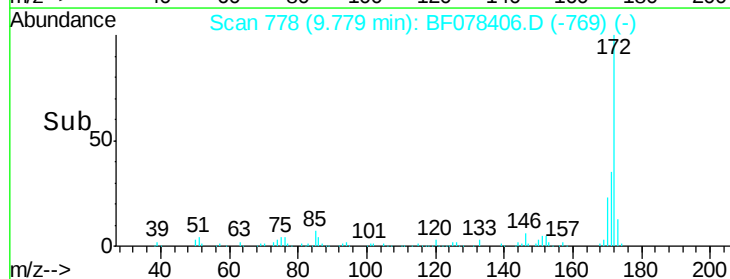
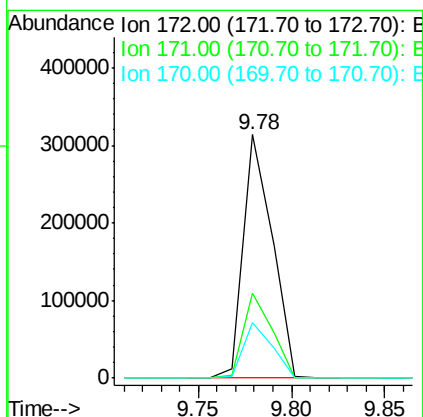
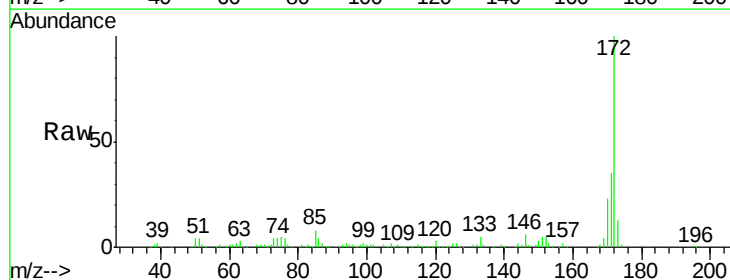
Instrument :
 BNA_F
 ClientSampleId :
 PB82775BS

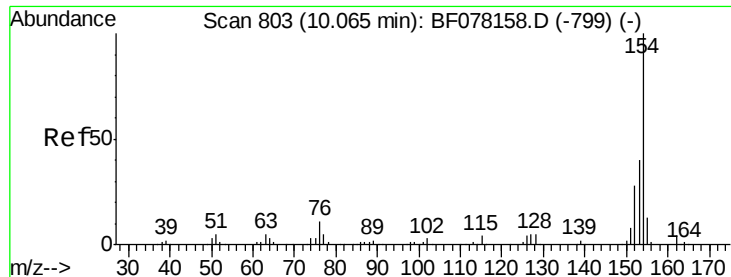
Tgt Ion:196 Resp: 52681
 Ion Ratio Lower Upper
 196 100
 198 100.2 76.6 115.0
 97 34.9 50.6 75.8#
 132 24.3 27.7 41.5#



#44
 2-Fluorobiphenyl
 Concen: 67.34 ng
 RT: 9.78 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

Tgt Ion:172 Resp: 340781
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.6 42.8
 170 23.0 18.5 27.7

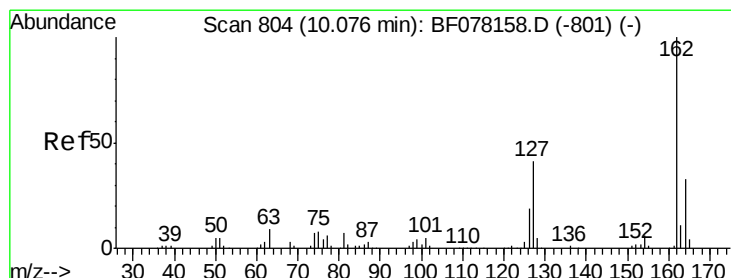
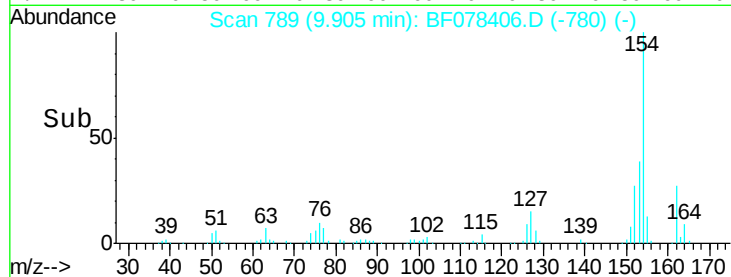
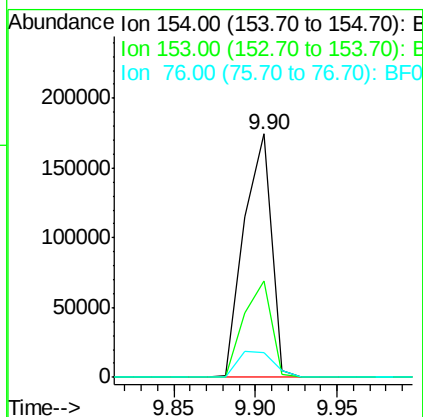
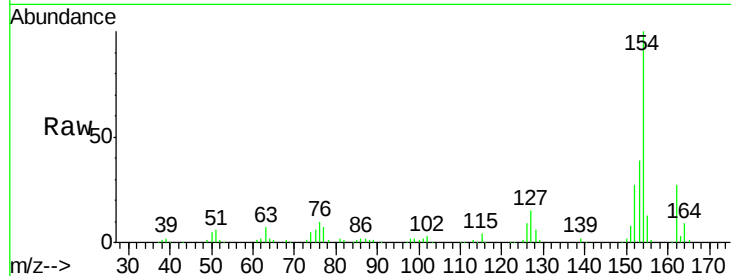




#45
 1,1'-Biphenyl
 Concen: 34.22 ng
 RT: 9.90 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

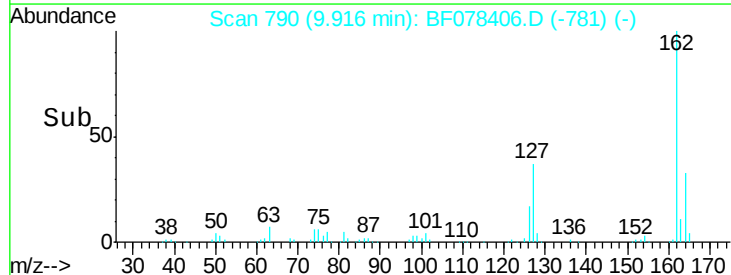
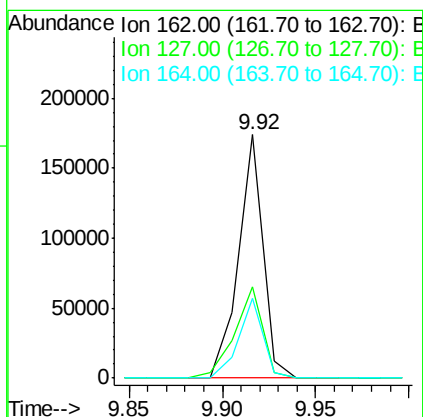
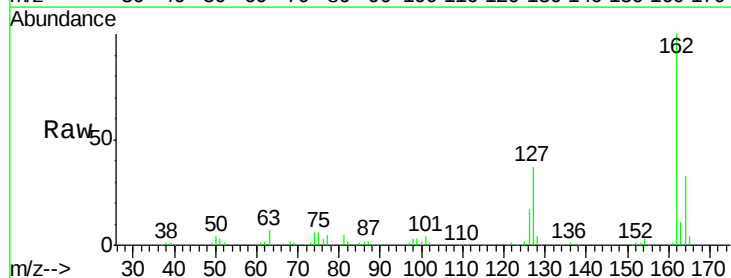
Instrument :
 BNA_F
 ClientSampleId :
 PB82775BS

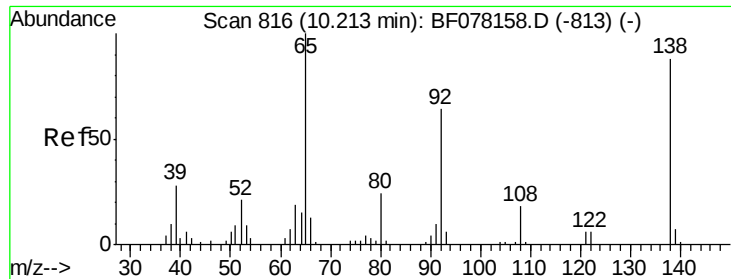
Tgt Ion:154 Resp: 202483
 Ion Ratio Lower Upper
 154 100
 153 39.4 20.0 60.0
 76 10.2 0.0 30.6



#46
 2-Chloronaphthalene
 Concen: 34.45 ng
 RT: 9.92 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

Tgt Ion:162 Resp: 160365
 Ion Ratio Lower Upper
 162 100
 127 37.4 32.6 49.0
 164 32.8 26.0 39.0

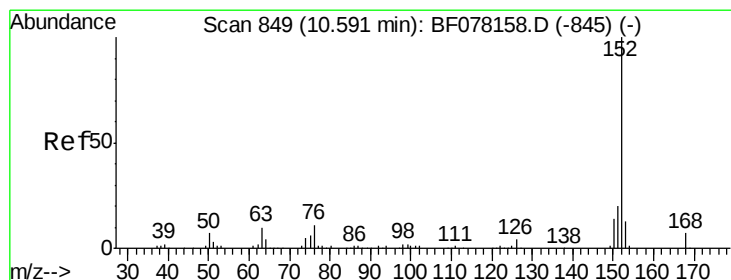
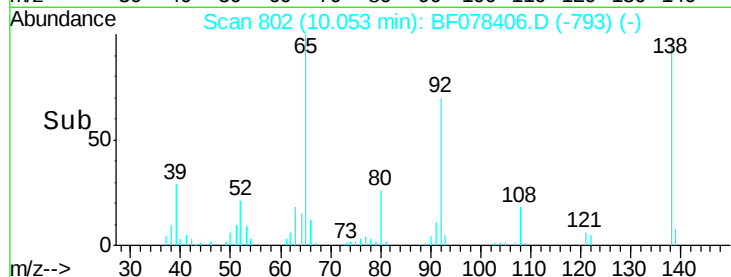
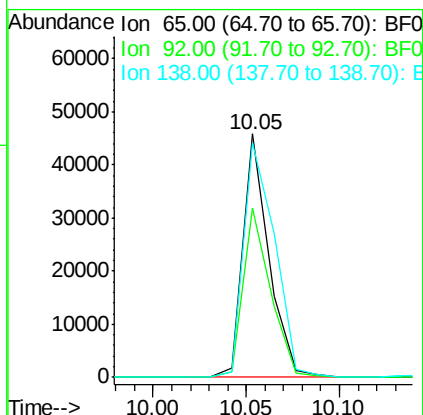
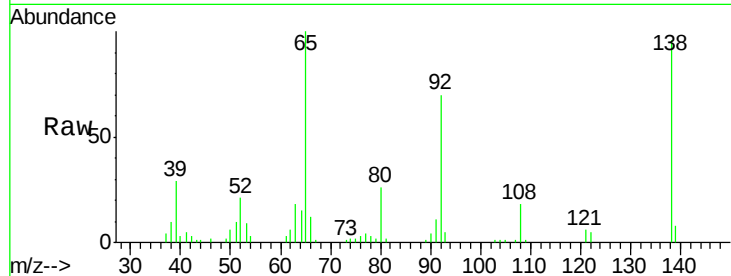




#47
2-Nitroaniline
Concen: 38.43 ng
RT: 10.05 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF078406.D
Acq: 10 Apr 2015 18:26

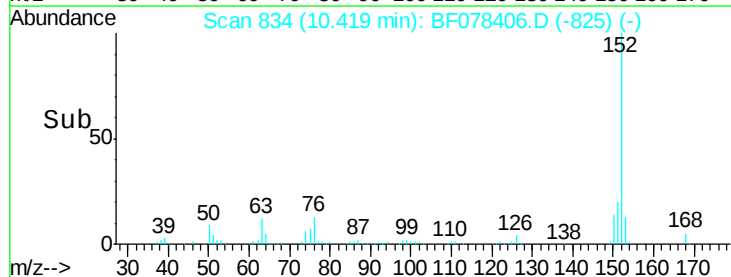
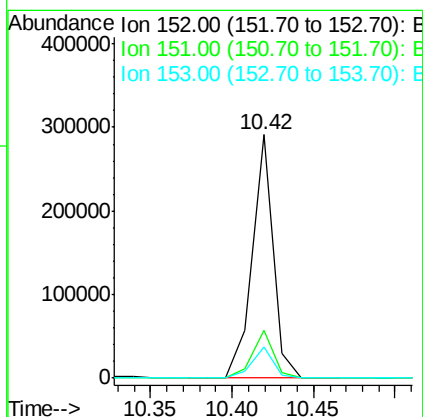
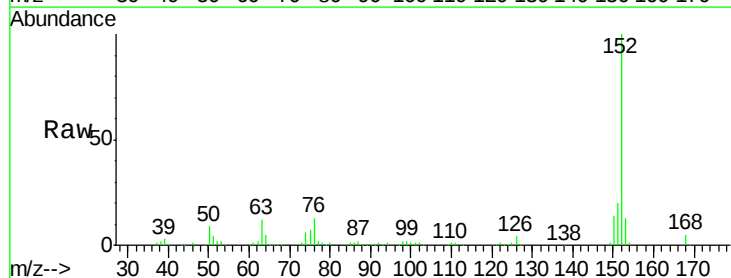
Instrument :
BNA_F
ClientSampleId :
PB82775BS

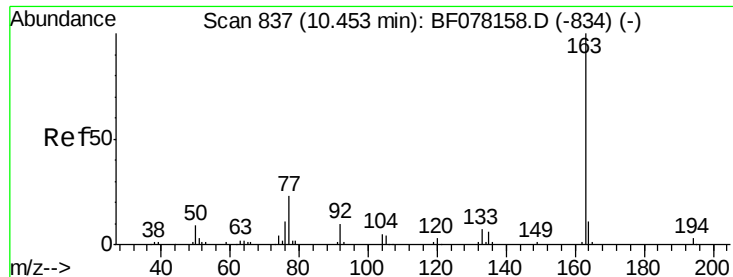
Tgt Ion: 65 Resp: 44265
Ion Ratio Lower Upper
65 100
92 69.6 51.3 76.9
138 96.5 70.4 105.6



#48
Acenaphthylene
Concen: 34.67 ng
RT: 10.42 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF078406.D
Acq: 10 Apr 2015 18:26

Tgt Ion: 152 Resp: 260649
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 12.7 10.2 15.2

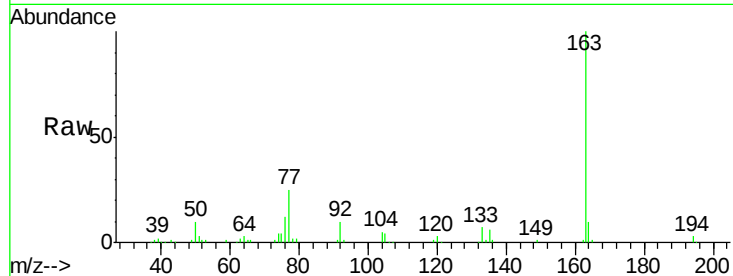




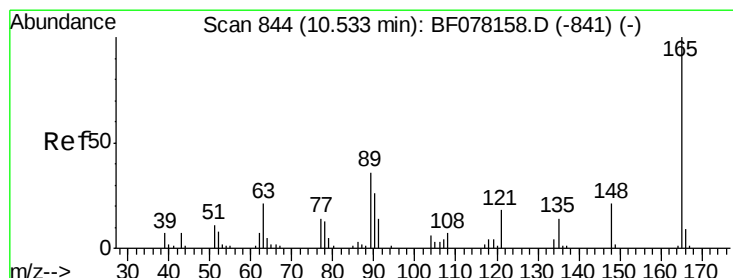
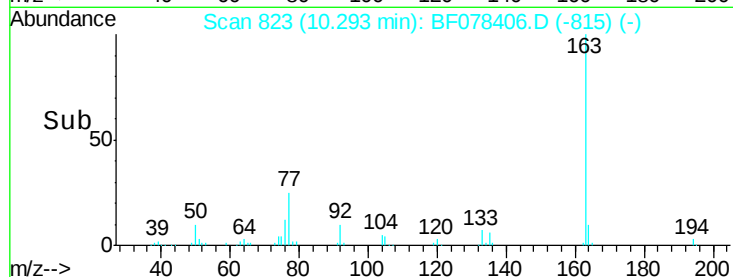
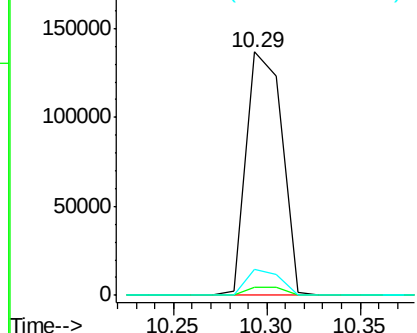
#49
Dimethylphthalate
Concen: 33.39 ng
RT: 10.29 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF078406.D
Acq: 10 Apr 2015 18:26

Instrument :
BNA_F
ClientSampleId :
PB82775BS

Tgt Ion:163 Resp: 181455
Ion Ratio Lower Upper
163 100
194 3.2 2.3 3.5
164 10.5 8.6 13.0

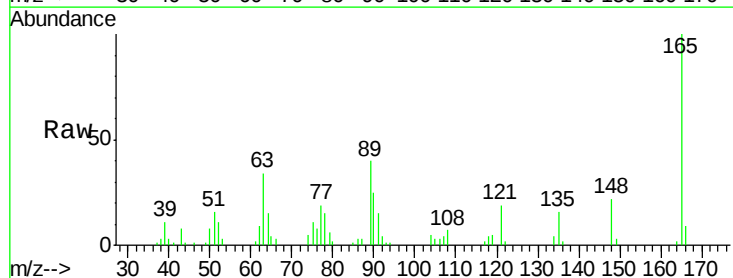


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

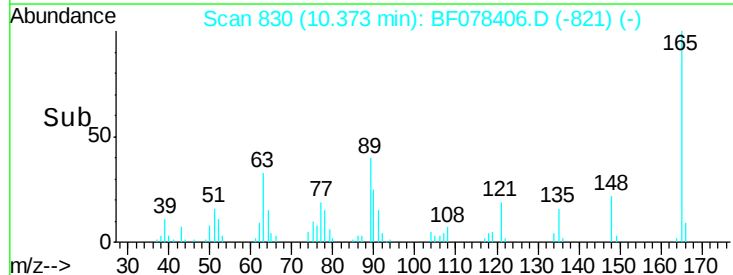
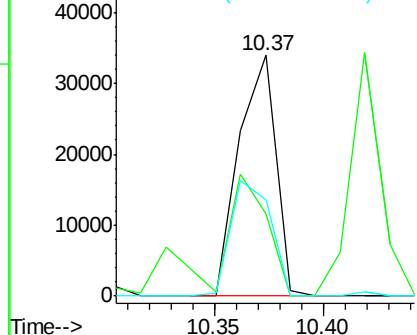


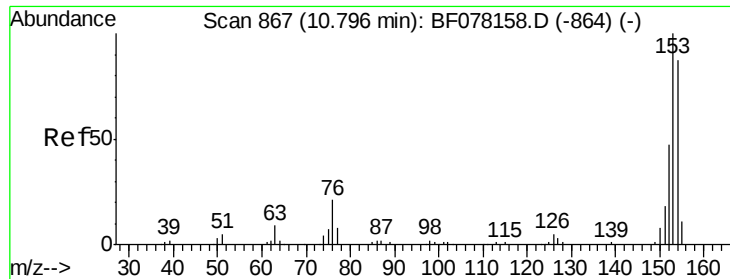
#50
2,6-Dinitrotoluene
Concen: 35.67 ng
RT: 10.37 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF078406.D
Acq: 10 Apr 2015 18:26

Tgt Ion:165 Resp: 39885
Ion Ratio Lower Upper
165 100
63 34.3 24.1 36.1
89 39.9 28.9 43.3



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





#51

Acenaphthene

Concen: 34.46 ng

RT: 10.64 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

Instrument :

BNA_F

ClientSampleId :

PB82775BS

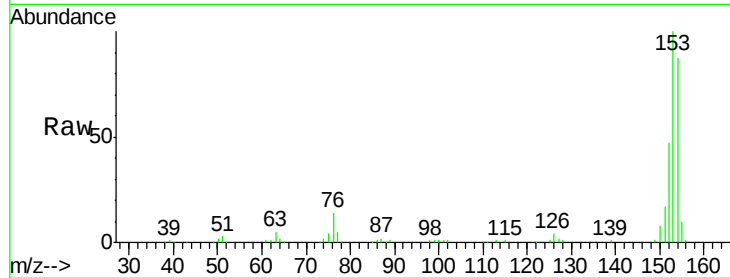
Tgt Ion:154 Resp: 145839

Ion Ratio Lower Upper

154 100

153 114.9 91.4 137.2

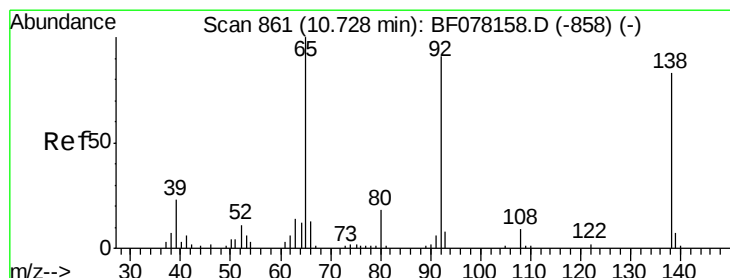
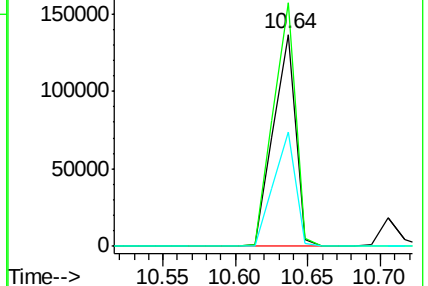
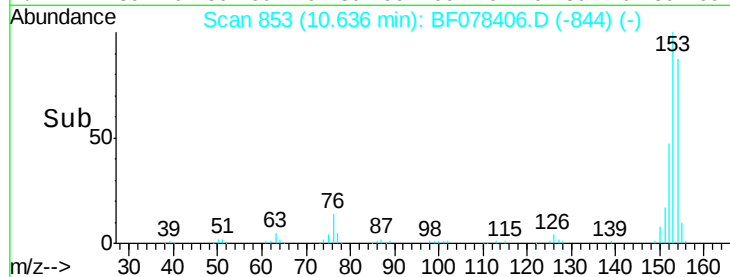
152 53.8 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 23.83 ng

RT: 10.57 min Scan# 847

Delta R.T. 0.00 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

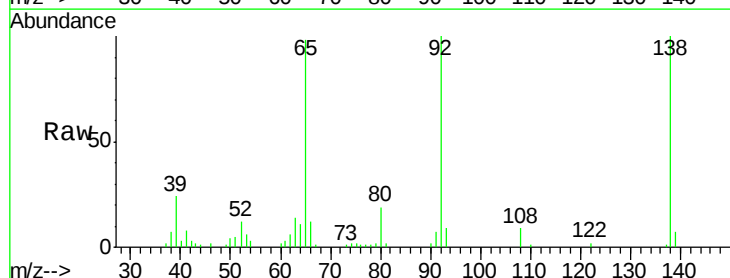
Tgt Ion:138 Resp: 30293

Ion Ratio Lower Upper

138 100

108 9.5 8.2 12.4

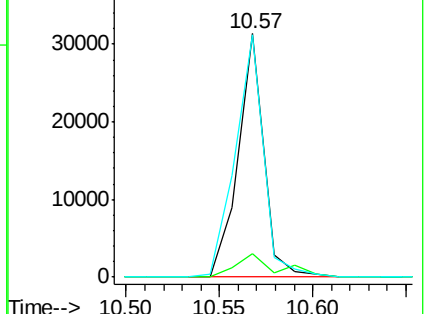
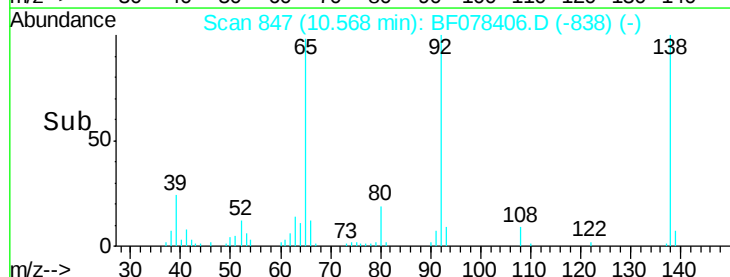
92 99.5 88.4 132.6

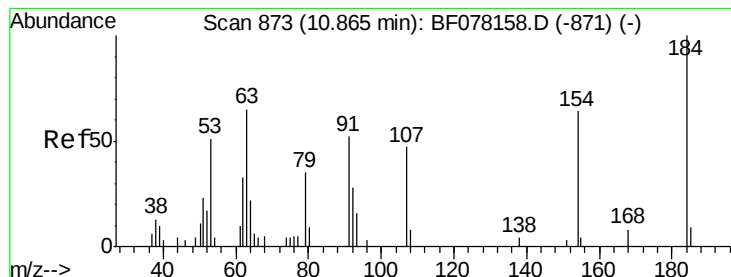


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 68.62 ng

RT: 10.70 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

Instrument :

BNA_F

ClientSampleId :

PB82775BS

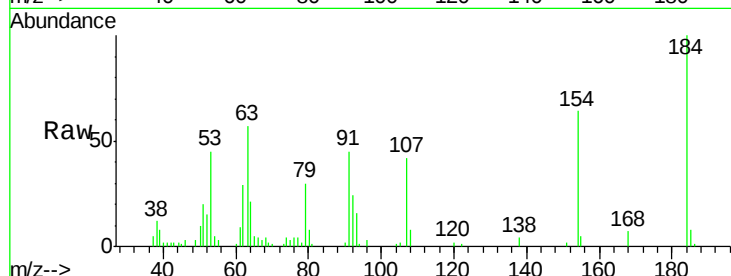
Tgt Ion:184 Resp: 27680

Ion Ratio Lower Upper

184 100

63 57.0 51.9 77.9

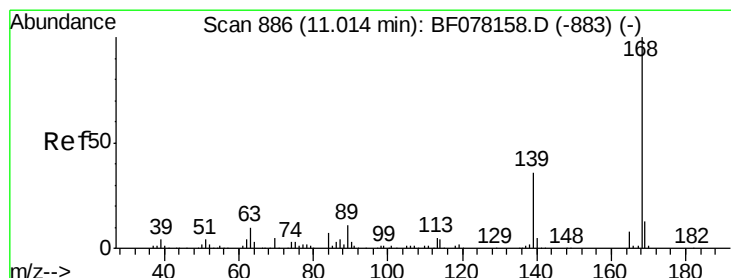
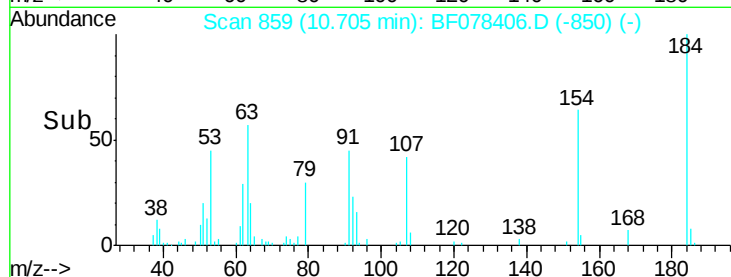
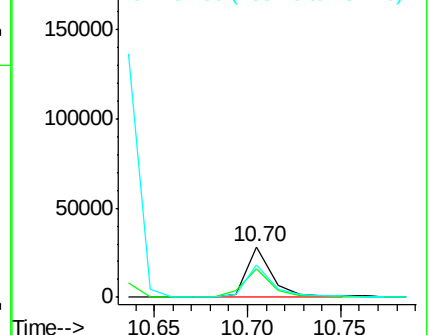
154 63.8 51.0 76.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 34.67 ng

RT: 10.85 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

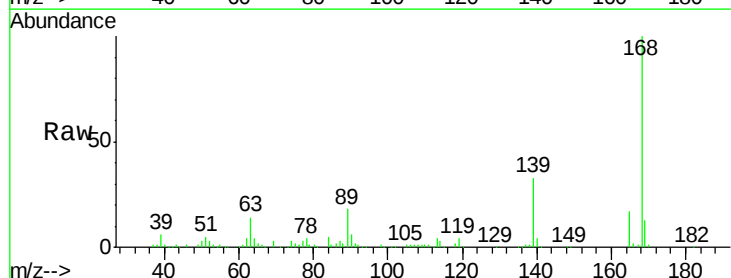
Tgt Ion:168 Resp: 224096

Ion Ratio Lower Upper

168 100

139 33.4 31.0 46.4

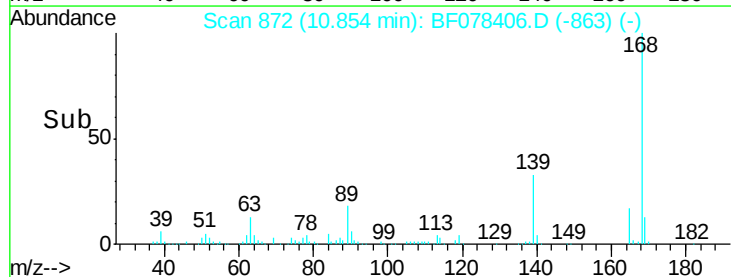
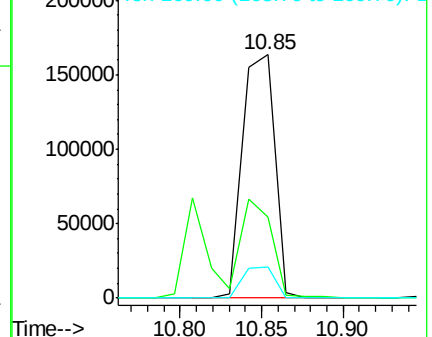
169 12.6 10.7 16.1

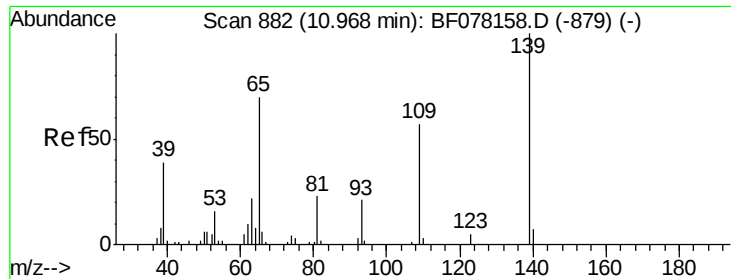


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

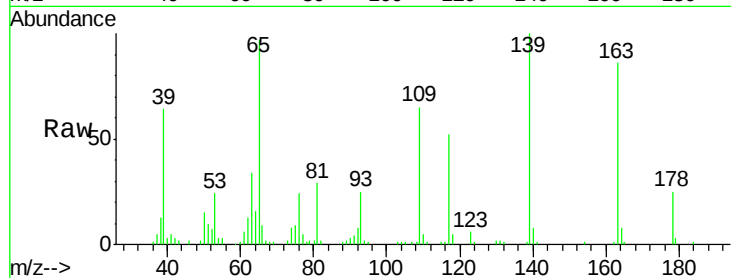




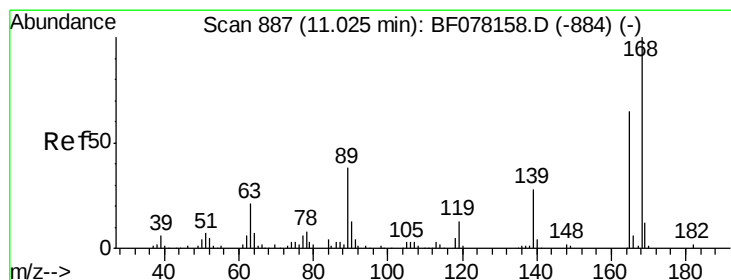
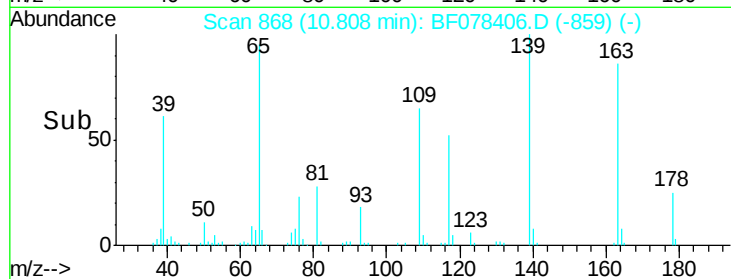
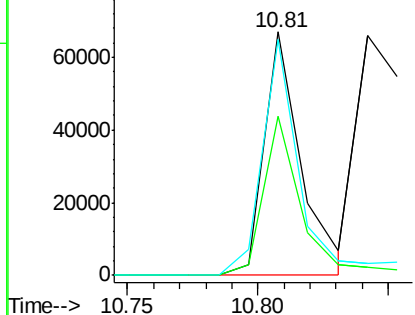
#55
4-Nitrophenol
Concen: 71.03 ng
RT: 10.81 min Scan# 868
Delta R.T. 0.00 min
Lab File: BF078406.D
Acq: 10 Apr 2015 18:26

Instrument :
BNA_F
ClientSampleId :
PB82775BS

Tgt Ion:139 Resp: 66191
Ion Ratio Lower Upper
139 100
109 65.4 36.7 76.7
65 96.8 49.9 89.9#

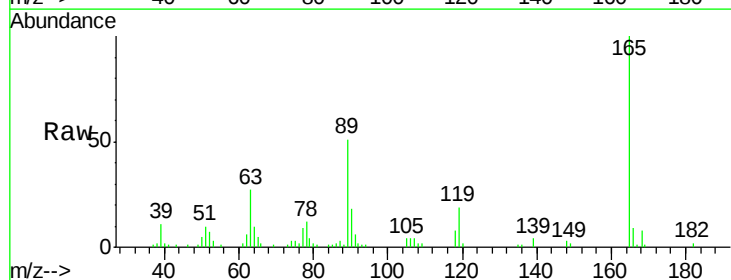


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

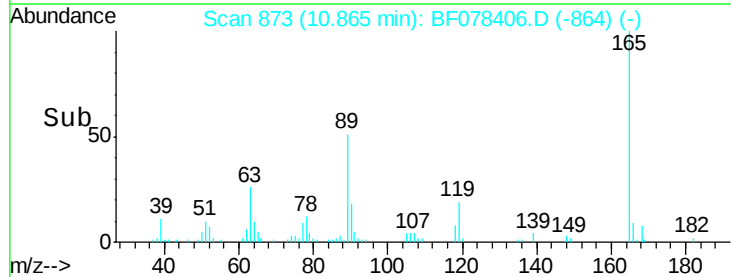
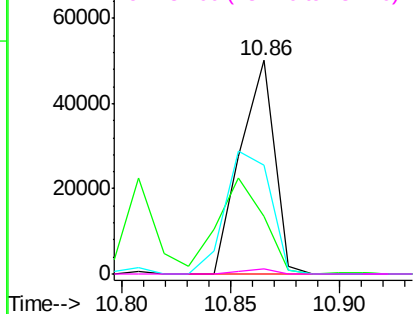


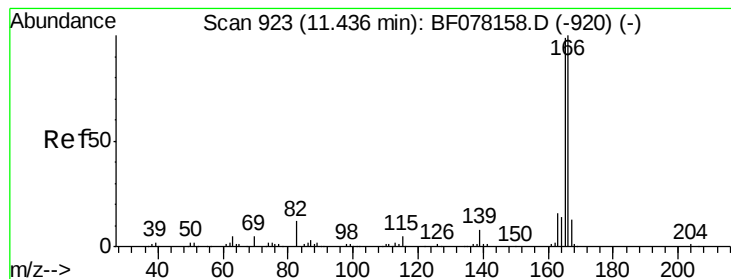
#56
2,4-Dinitrotoluene
Concen: 37.65 ng
RT: 10.86 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF078406.D
Acq: 10 Apr 2015 18:26

Tgt Ion:165 Resp: 54517
Ion Ratio Lower Upper
165 100
63 27.0 26.5 39.7
89 50.9 46.4 69.6
182 2.4 2.0 3.0



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





#57

Fluorene

Concen: 35.46 ng

RT: 11.27 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

Instrument :

BNA_F

ClientSampleId :

PB82775BS

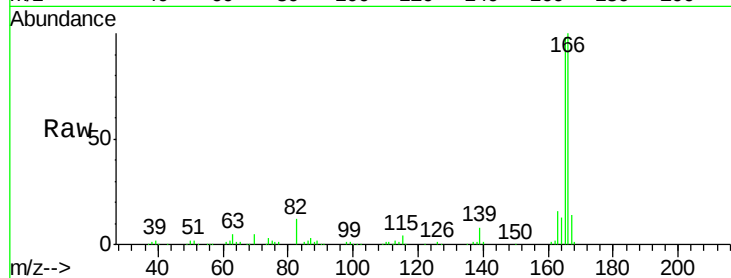
Tgt Ion:166 Resp: 185817

Ion Ratio Lower Upper

166 100

165 98.0 78.9 118.3

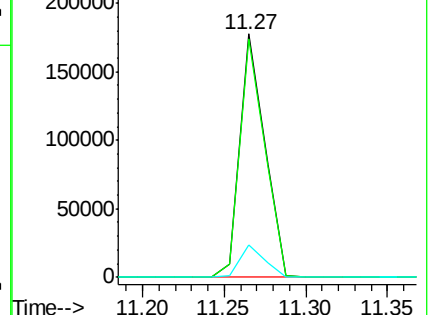
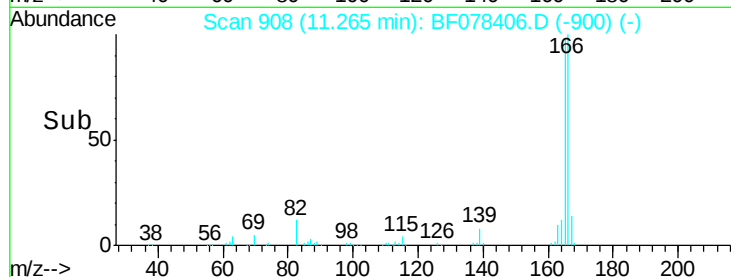
167 13.5 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.69 ng

RT: 11.01 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

Tgt Ion:232 Resp: 41263

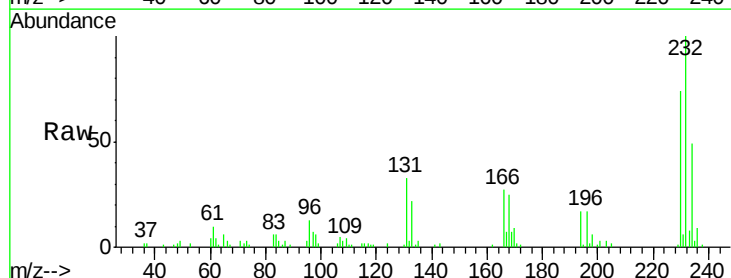
Ion Ratio Lower Upper

232 100

131 46.7 37.8 56.8

130 2.1 1.5 2.3

166 32.5 25.8 38.6

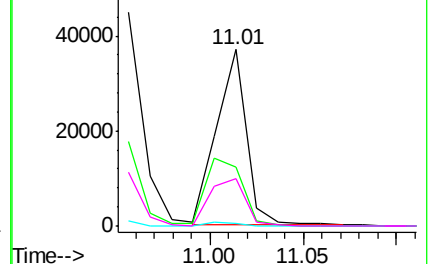
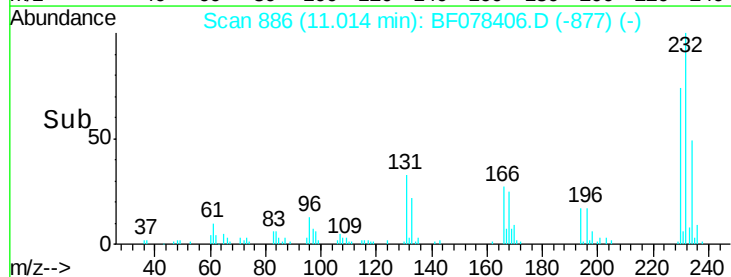


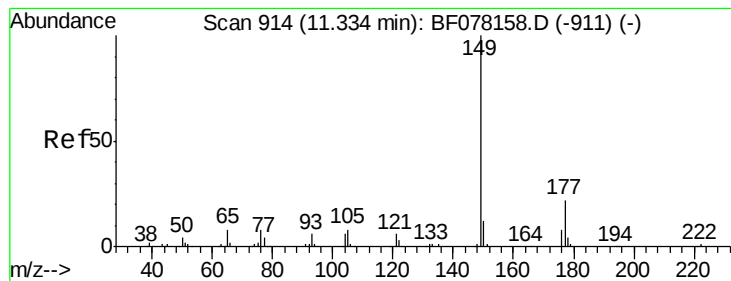
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 35.49 ng

RT: 11.17 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

Instrument :

BNA_F

ClientSampleId :

PB82775BS

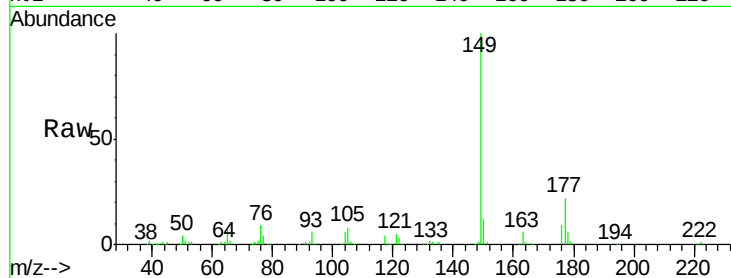
Tgt Ion:149 Resp: 185961

Ion Ratio Lower Upper

149 100

177 22.5 17.4 26.2

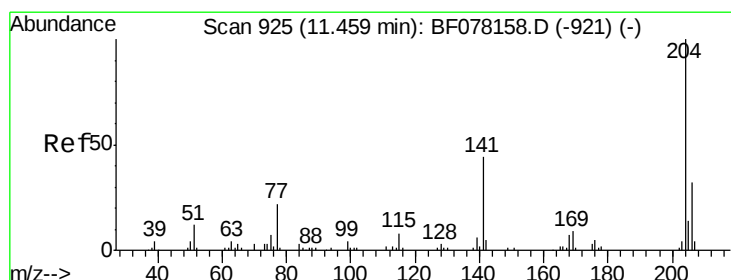
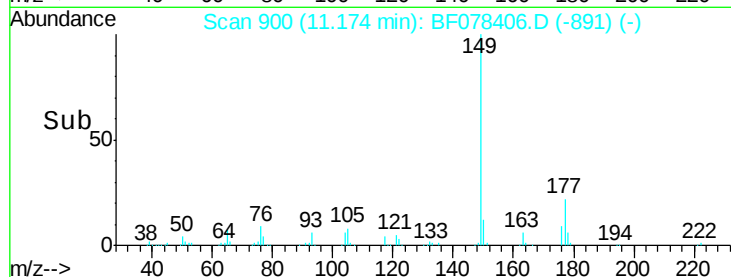
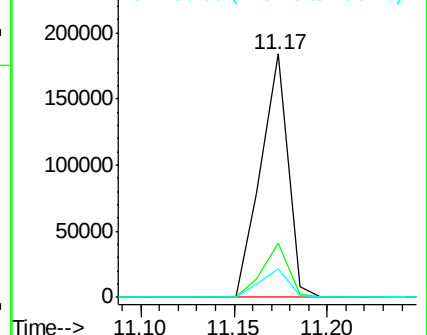
150 11.9 9.4 14.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 35.97 ng

RT: 11.29 min Scan# 910

Delta R.T. 0.00 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

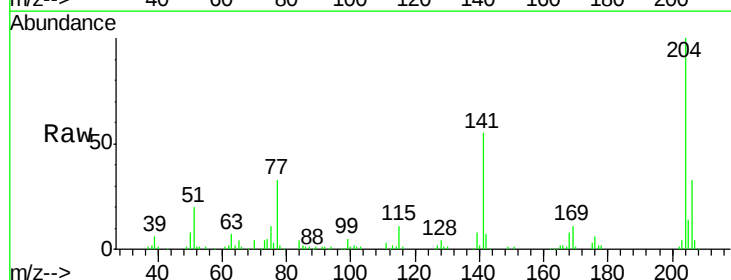
Tgt Ion:204 Resp: 86710

Ion Ratio Lower Upper

204 100

206 32.6 25.6 38.4

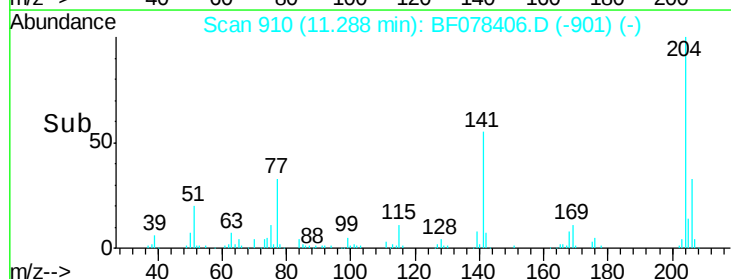
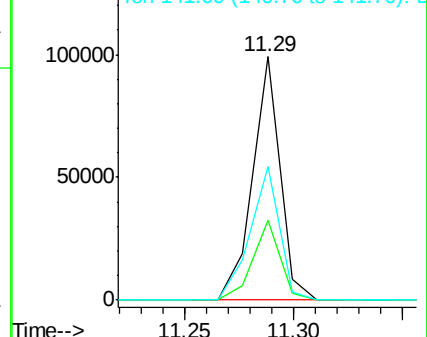
141 54.8 35.4 53.0#

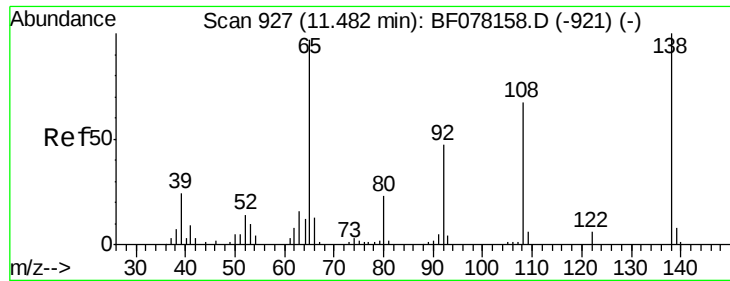


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

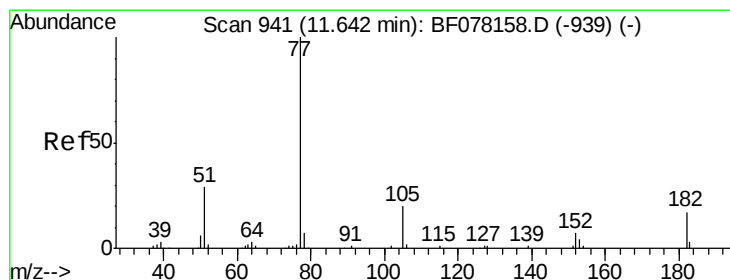
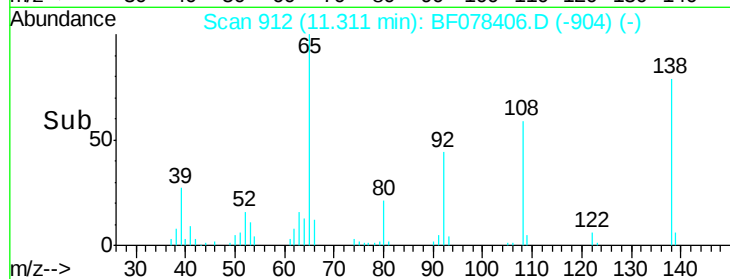
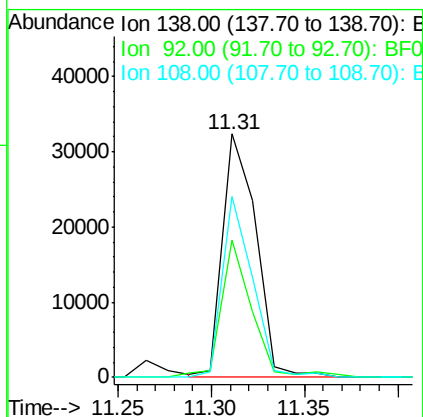
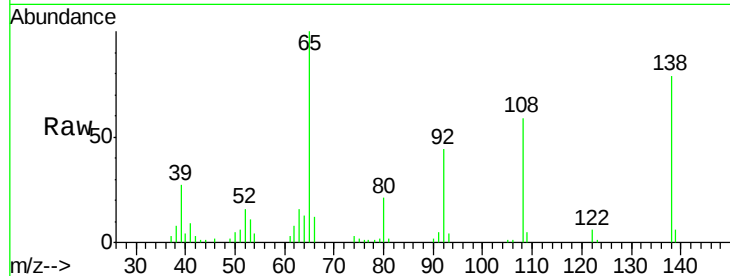




#61
4-Nitroaniline
Concen: 31.81 ng
RT: 11.31 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF078406.D
Acq: 10 Apr 2015 18:26

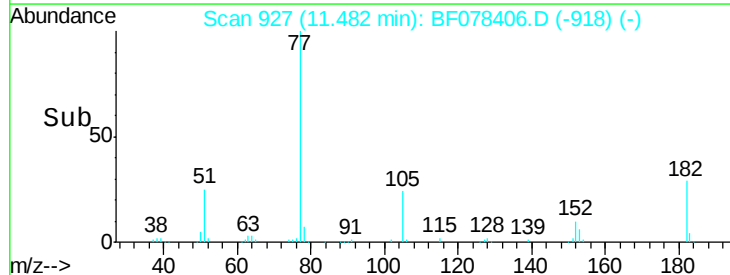
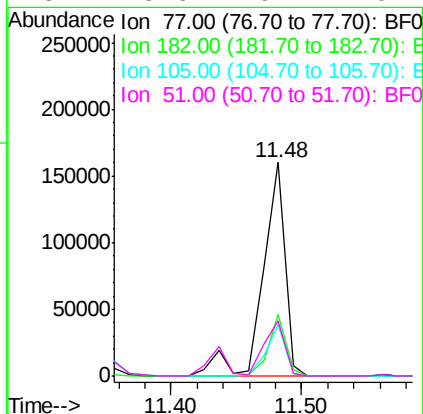
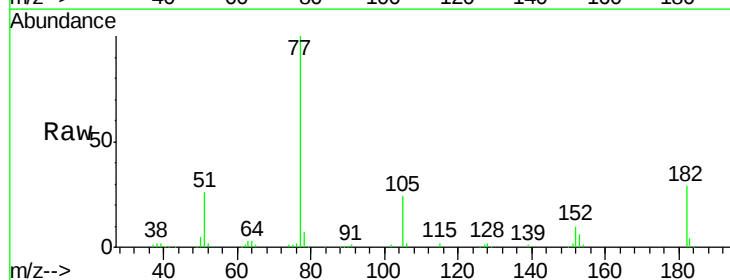
Instrument :
BNA_F
ClientSampleId :
PB82775BS

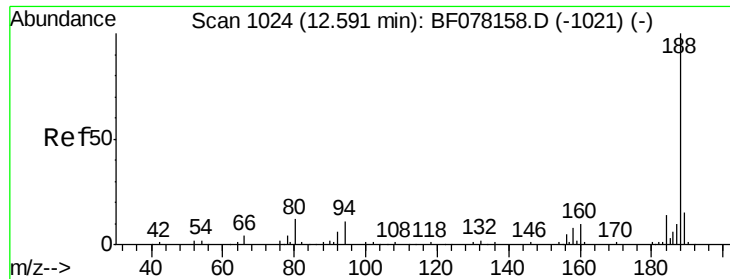
Tgt Ion:138 Resp: 40885
Ion Ratio Lower Upper
138 100
92 56.4 27.3 67.3
108 74.5 47.2 87.2



#62
Azobenzene
Concen: 40.41 ng
RT: 11.48 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF078406.D
Acq: 10 Apr 2015 18:26

Tgt Ion: 77 Resp: 193232
Ion Ratio Lower Upper
77 100
182 28.9 0.0 36.8
105 23.9 0.3 40.3
51 25.6 9.1 49.1

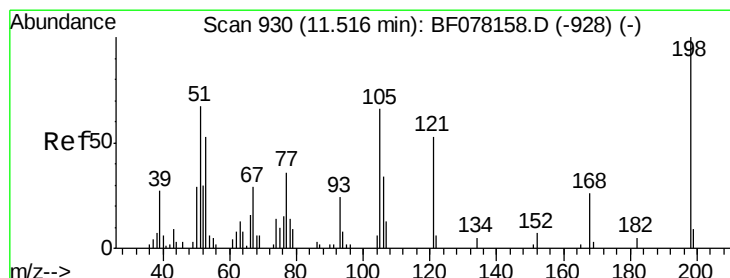
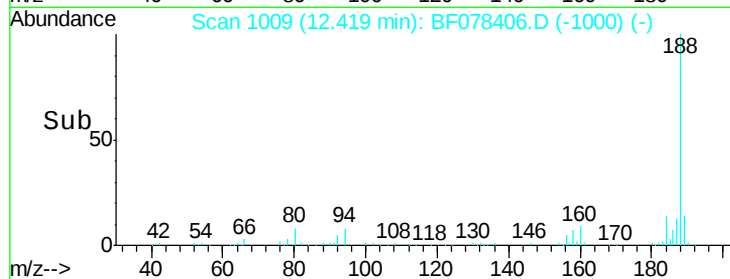
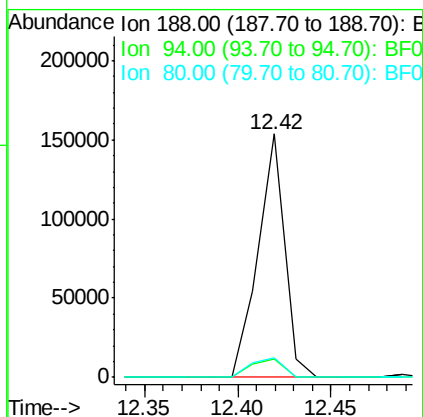
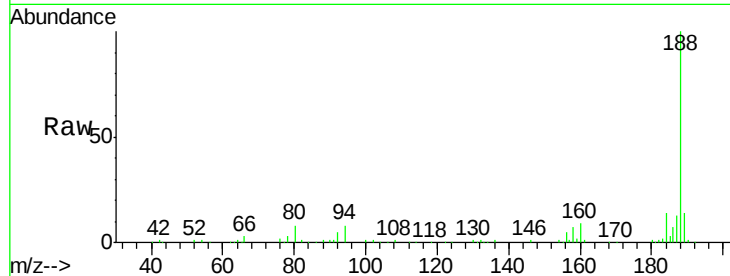




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.42 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

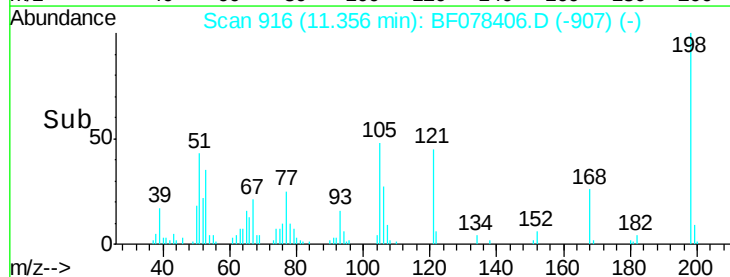
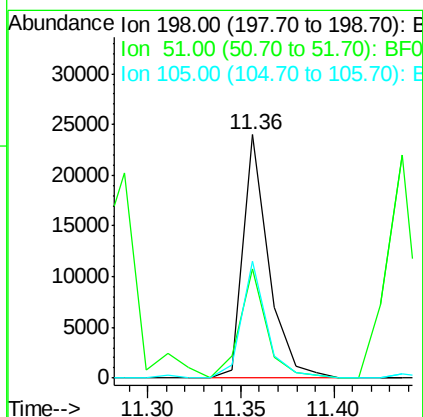
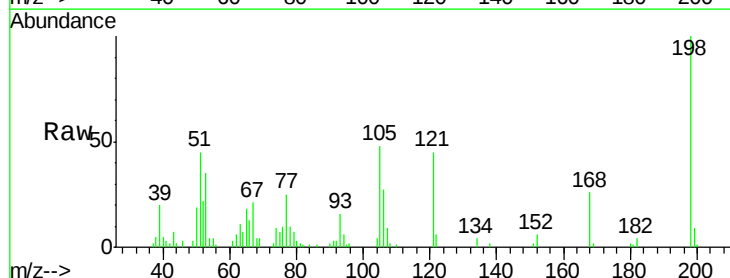
Instrument :
 BNA_F
 ClientSampleId :
 PB82775BS

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	9.0	13.4#
80	8.2	9.5	14.3#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 33.70 ng
 RT: 11.36 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

Tgt Ion	Ratio	Lower	Upper
198	100		
51	44.7	48.6	88.6#
105	48.0	45.8	85.8





#65

n-Nitrosodiphenylamine

Concen: 30.25 ng

RT: 11.44 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

Instrument :

BNA_F

ClientSampleId :

PB82775BS

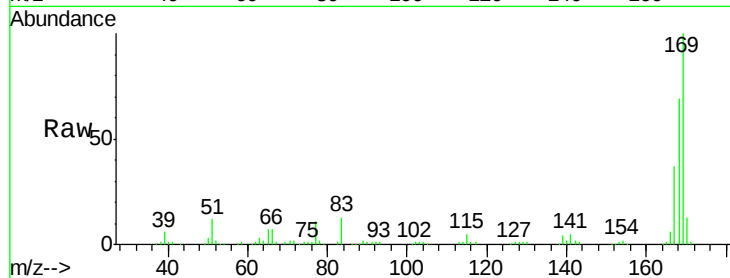
Tgt Ion:169 Resp: 158617

Ion Ratio Lower Upper

169 100

168 69.1 55.0 82.4

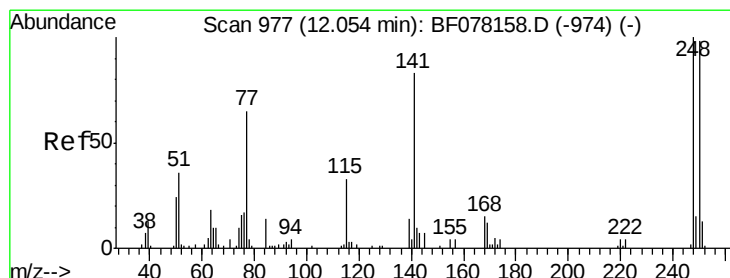
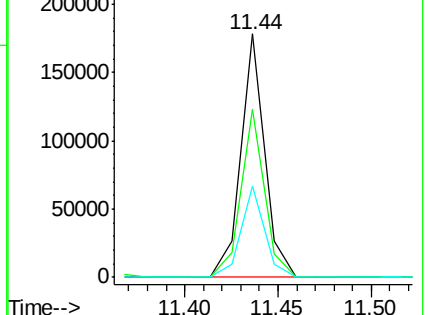
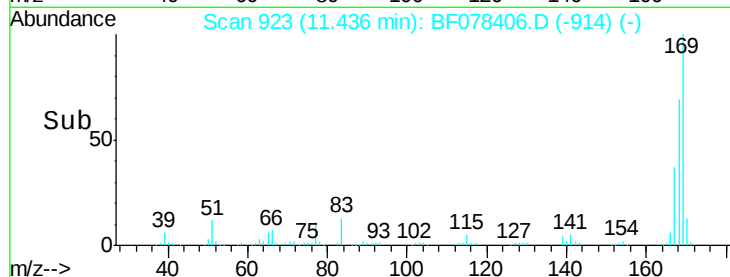
167 37.4 29.3 43.9



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 30.51 ng

RT: 11.88 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

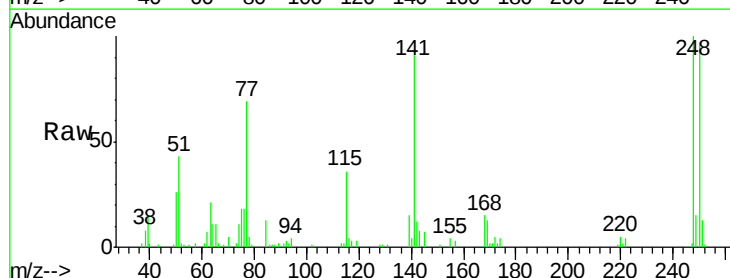
Tgt Ion:248 Resp: 48995

Ion Ratio Lower Upper

248 100

250 97.0 78.2 117.2

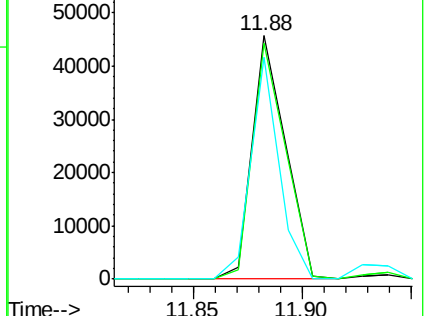
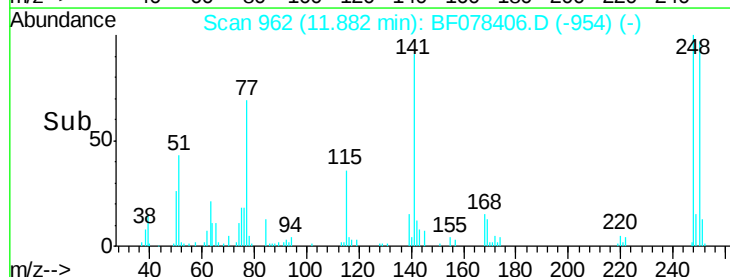
141 91.2 66.4 99.6

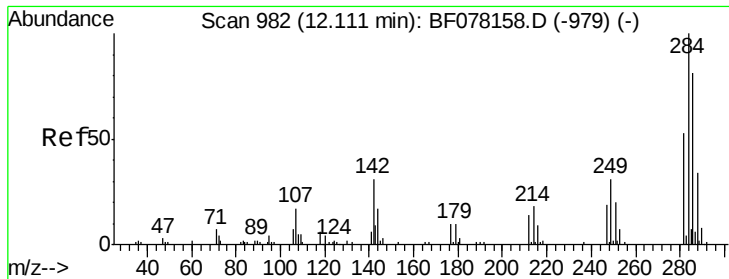


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

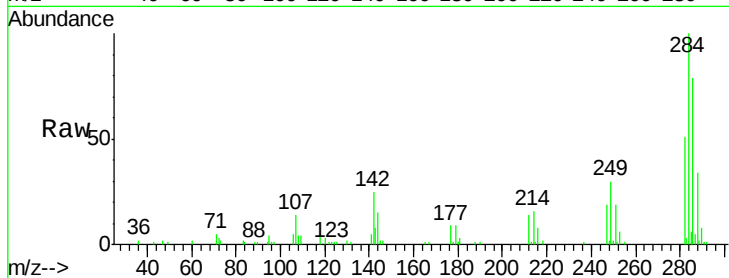




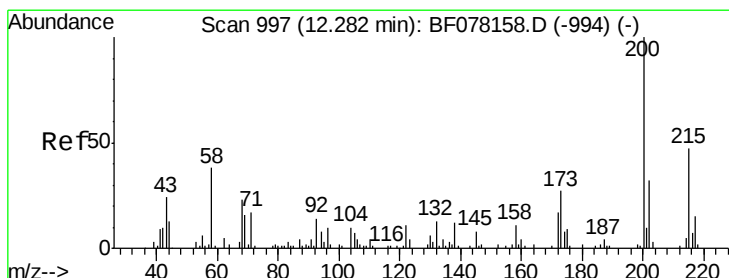
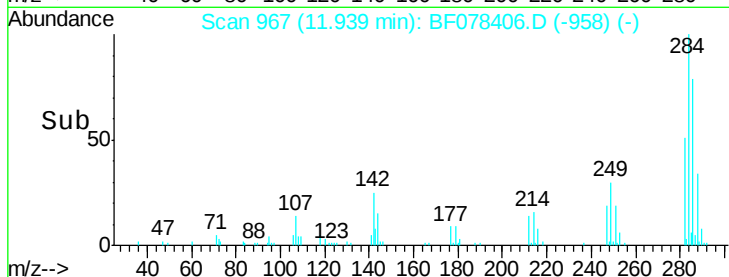
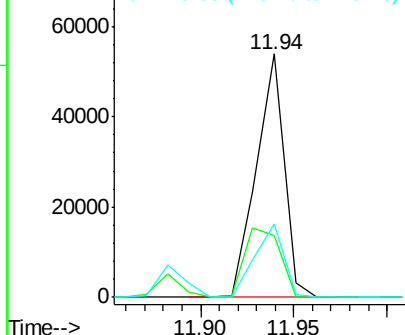
#67
Hexachlorobenzene
Concen: 31.47 ng
RT: 11.94 min Scan# 967
Delta R.T. 0.00 min
Lab File: BF078406.D
Acq: 10 Apr 2015 18:26

Instrument :
BNA_F
ClientSampleId :
PB82775BS

Tgt Ion: 284 Resp: 55367
Ion Ratio Lower Upper
284 100
142 25.4 24.5 36.7
249 30.2 24.8 37.2

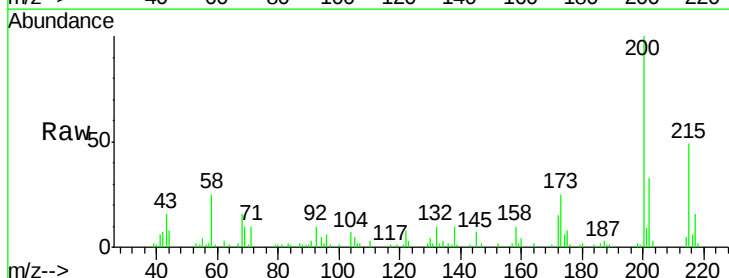


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

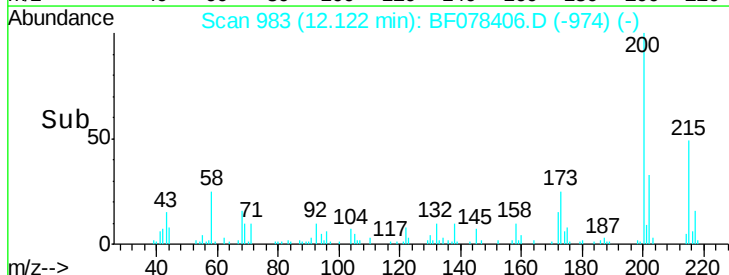
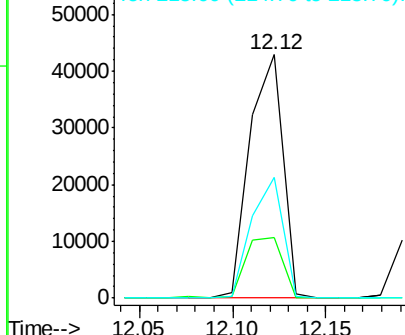


#68
Atrazine
Concen: 34.74 ng
RT: 12.12 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF078406.D
Acq: 10 Apr 2015 18:26

Tgt Ion: 200 Resp: 52766
Ion Ratio Lower Upper
200 100
173 25.0 6.9 46.9
215 49.5 27.1 67.1



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

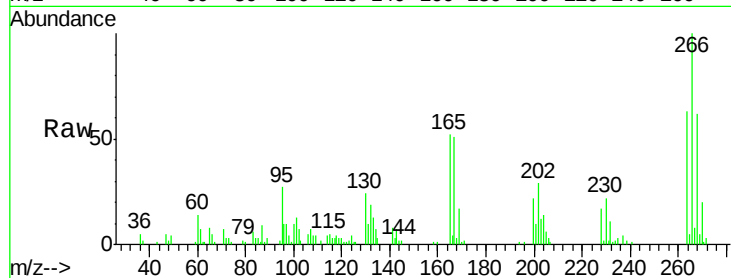




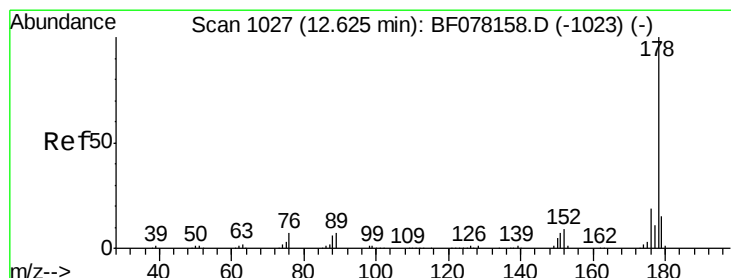
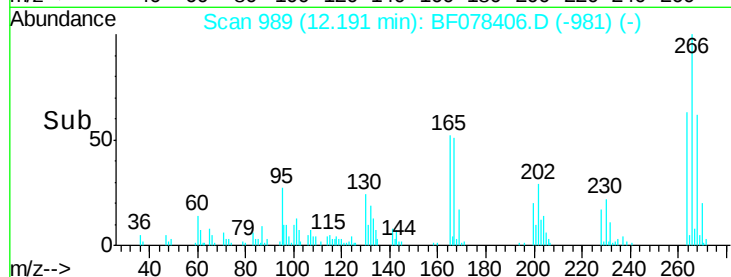
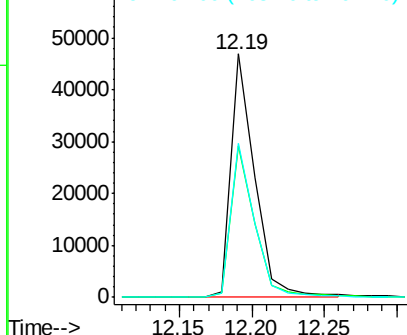
#69
 Pentachlorophenol
 Concen: 69.75 ng
 RT: 12.19 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

Instrument :
 BNA_F
 ClientSampleId :
 PB82775BS

Tgt Ion:266 Resp: 53565
 Ion Ratio Lower Upper
 266 100
 268 62.2 50.1 75.1
 264 63.3 50.0 75.0

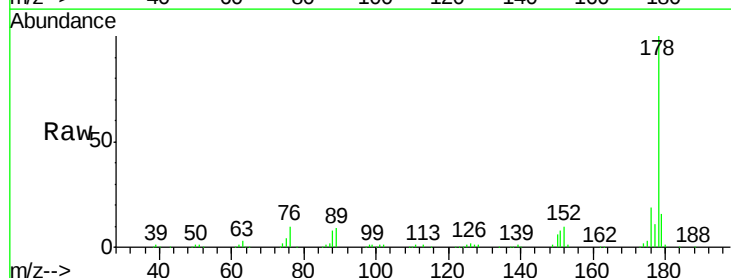


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

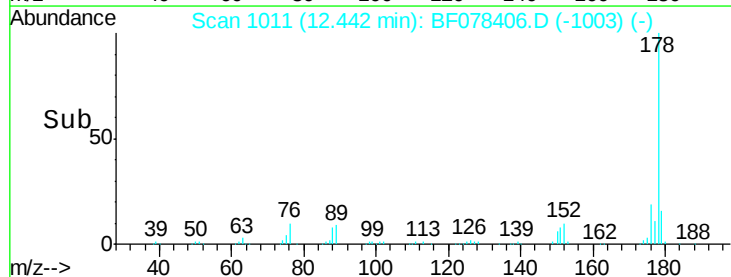
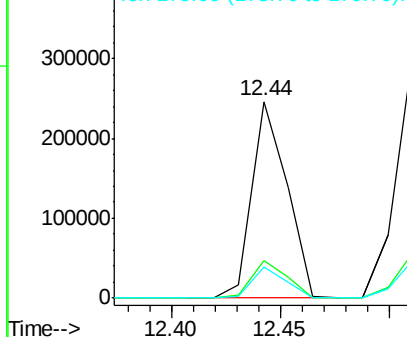


#70
 Phenanthrene
 Concen: 31.55 ng
 RT: 12.44 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

Tgt Ion:178 Resp: 276662
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.0
 179 15.9 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

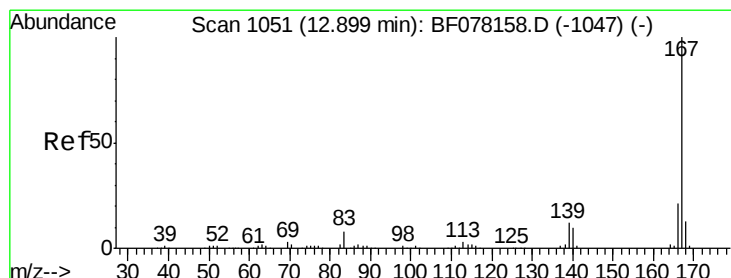
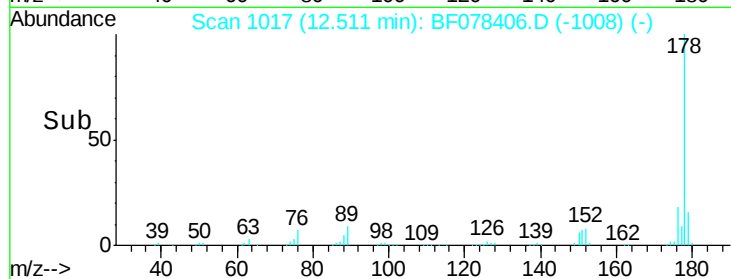
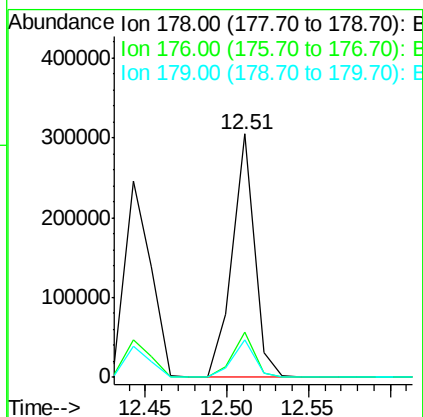
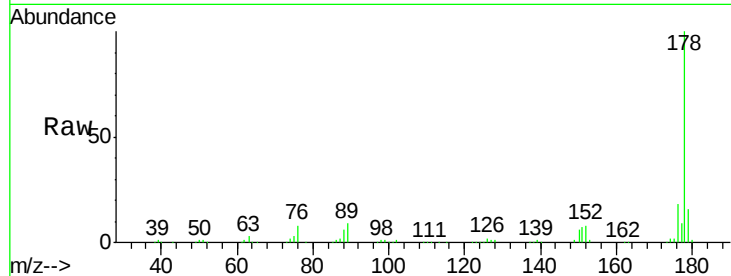




#71
 Anthracene
 Concen: 33.23 ng
 RT: 12.51 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

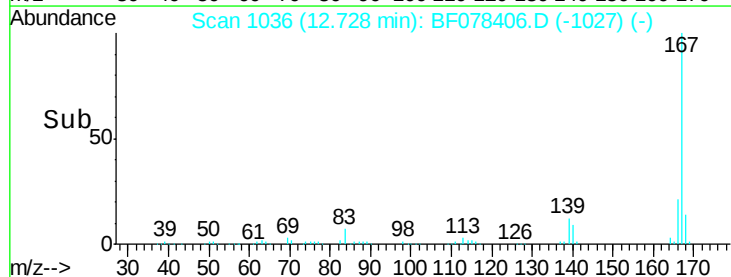
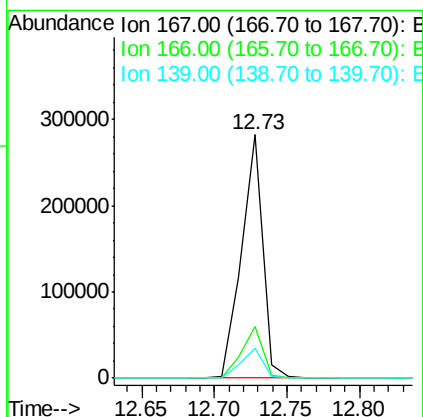
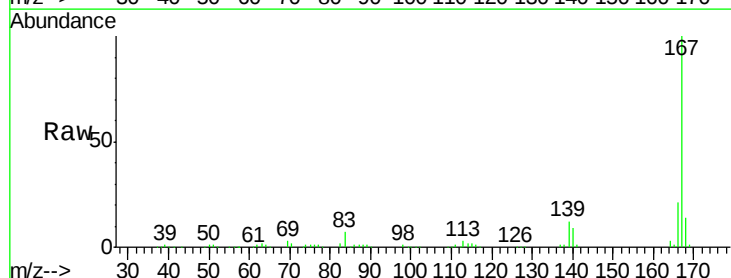
Instrument :
 BNA_F
 ClientSampleId :
 PB82775BS

Tgt Ion:178 Resp: 287194
 Ion Ratio Lower Upper
 178 100
 176 18.4 14.8 22.2
 179 15.7 12.4 18.6



#72
 Carbazole
 Concen: 35.62 ng
 RT: 12.73 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

Tgt Ion:167 Resp: 288463
 Ion Ratio Lower Upper
 167 100
 166 21.4 16.8 25.2
 139 12.2 10.0 15.0

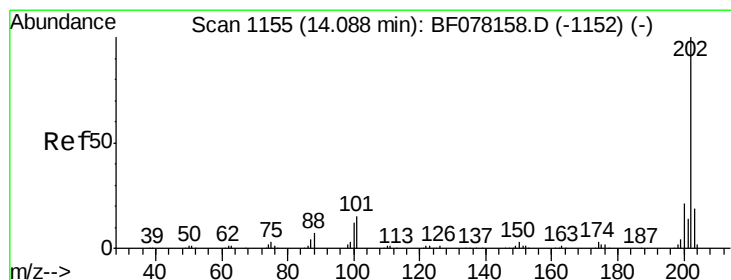
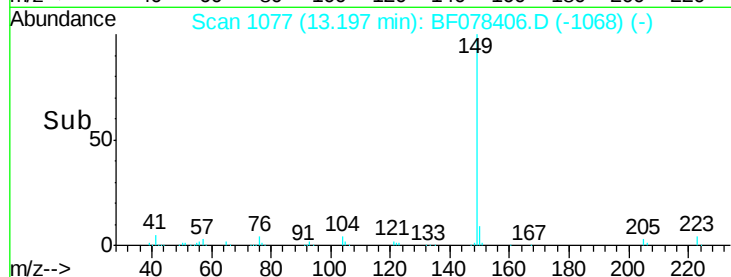
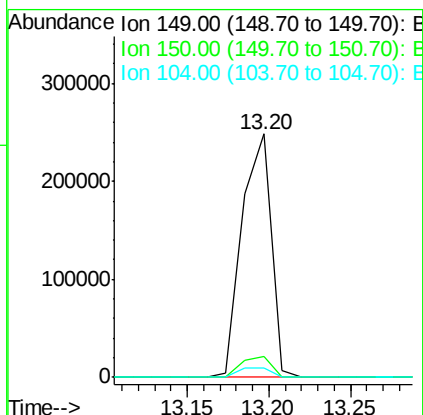
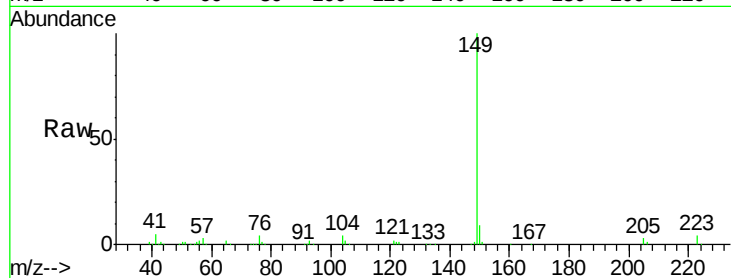




#73
Di-n-butylphthalate
Concen: 33.47 ng
RT: 13.20 min Scan# 1077
Delta R.T. 0.00 min
Lab File: BF078406.D
Acq: 10 Apr 2015 18:26

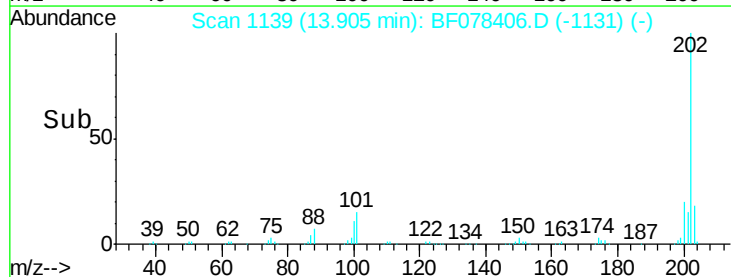
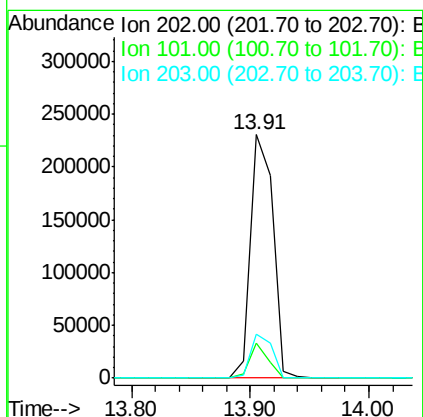
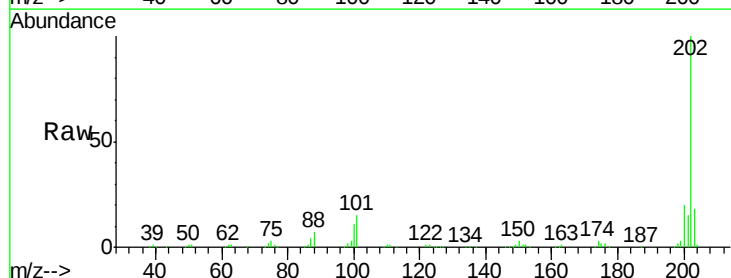
Instrument :
BNA_F
ClientSampleId :
PB82775BS

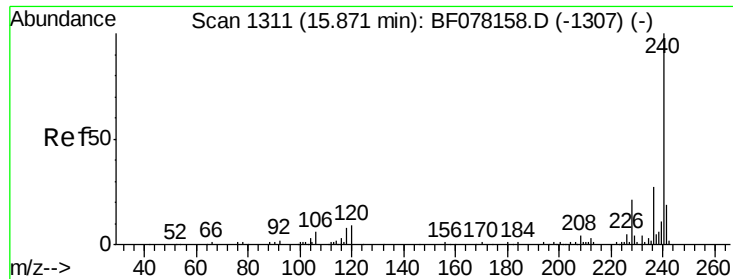
Tgt Ion:149 Resp: 307081
Ion Ratio Lower Upper
149 100
150 8.7 7.1 10.7
104 3.8 3.8 5.6



#74
Fluoranthene
Concen: 33.22 ng
RT: 13.91 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BF078406.D
Acq: 10 Apr 2015 18:26

Tgt Ion:202 Resp: 307223
Ion Ratio Lower Upper
202 100
101 14.6 0.0 35.2
203 17.9 0.0 38.5

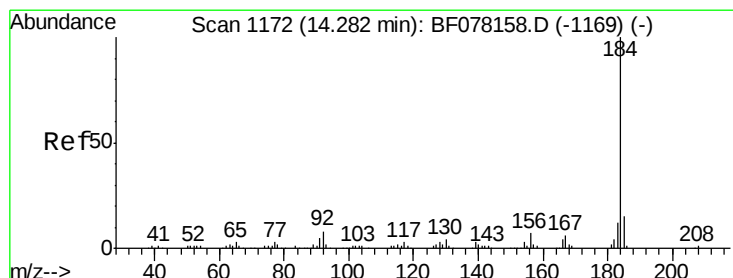
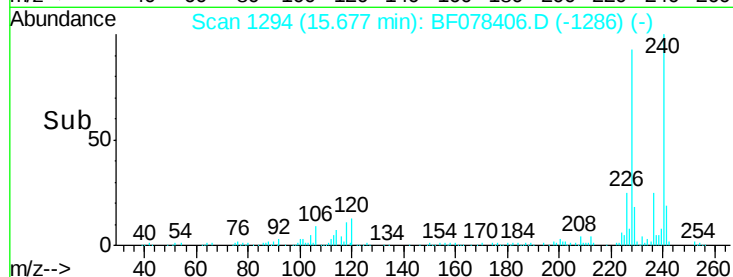
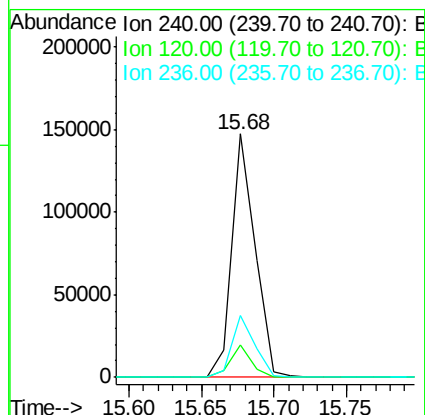
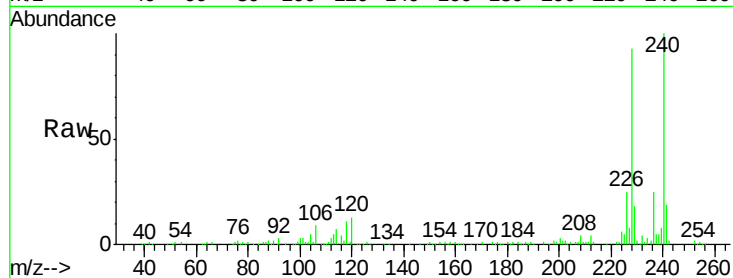




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.68 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF078406.D
Acq: 10 Apr 2015 18:26

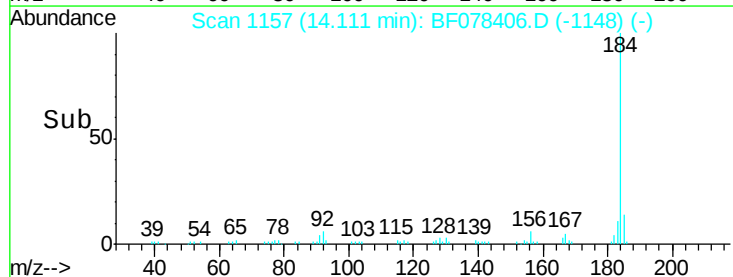
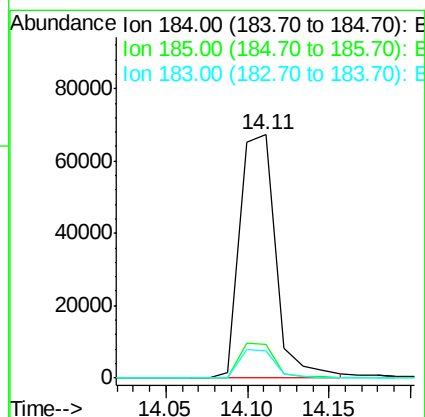
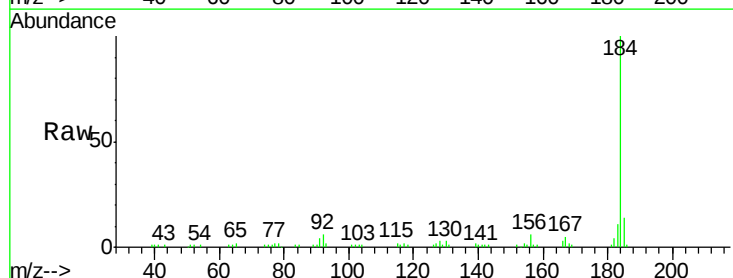
Instrument :
BNA_F
ClientSampleId :
PB82775BS

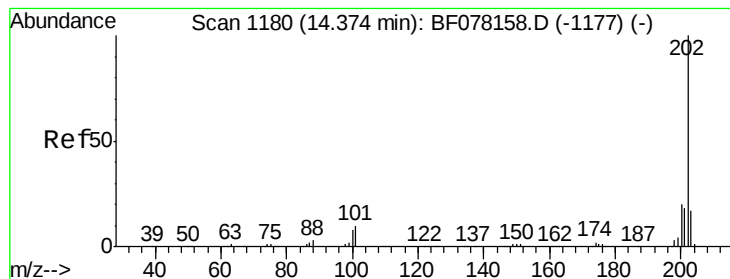
Tgt Ion:240 Resp: 164275
Ion Ratio Lower Upper
240 100
120 13.2 7.1 10.7#
236 25.4 21.4 32.2



#76
Benzidine
Concen: 16.14 ng
RT: 14.11 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF078406.D
Acq: 10 Apr 2015 18:26

Tgt Ion:184 Resp: 102075
Ion Ratio Lower Upper
184 100
185 13.8 12.2 18.2
183 11.0 9.5 14.3





#77

Pyrene

Concen: 32.58 ng

RT: 14.18 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

Instrument :

BNA_F

ClientSampleId :

PB82775BS

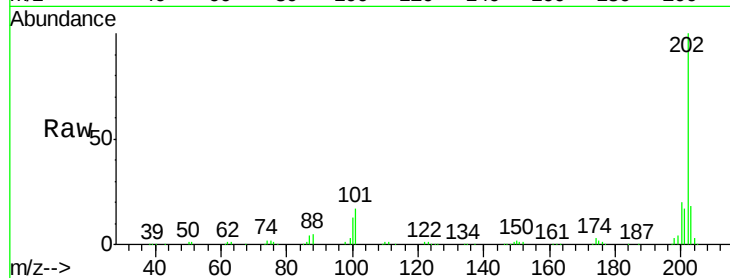
Tgt Ion:202 Resp: 335983

Ion Ratio Lower Upper

202 100

200 20.4 16.3 24.5

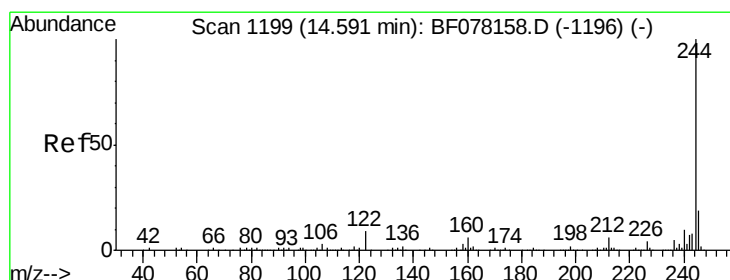
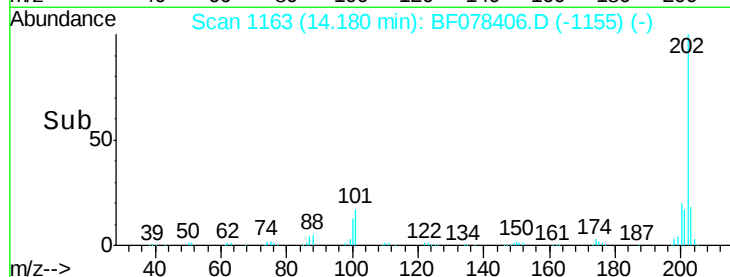
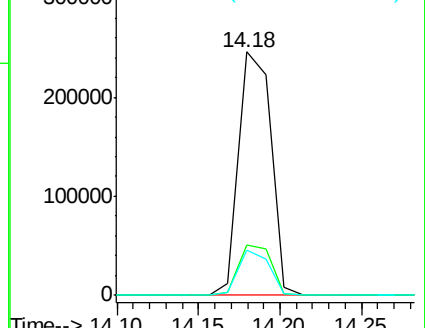
203 18.4 13.8 20.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 55.82 ng

RT: 14.41 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

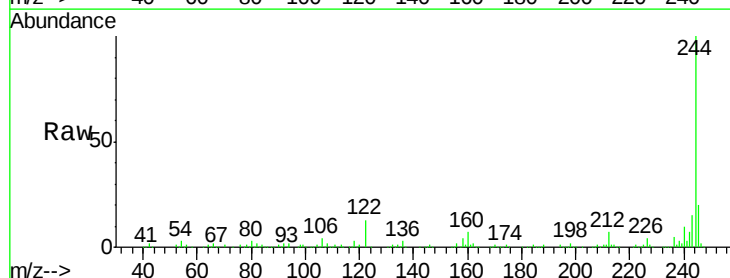
Tgt Ion:244 Resp: 405814

Ion Ratio Lower Upper

244 100

212 7.0 5.0 7.4

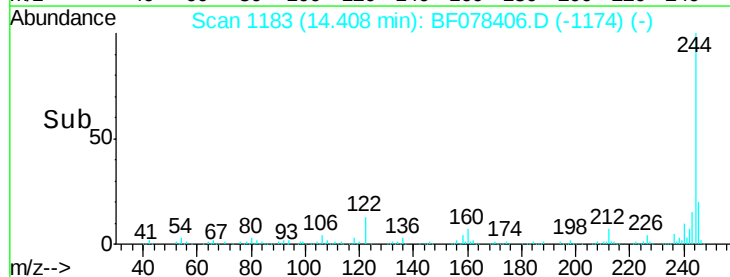
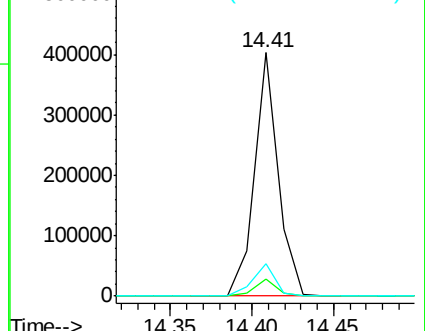
122 13.2 7.1 10.7#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 35.55 ng

RT: 15.04 min Scan# 1238

Delta R.T. 0.00 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

Instrument :

BNA_F

ClientSampleId :

PB82775BS

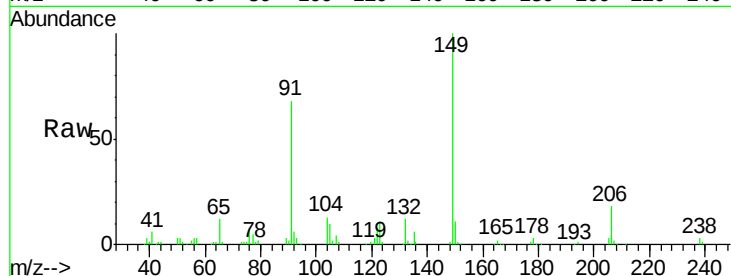
Tgt Ion:149 Resp: 139737

Ion Ratio Lower Upper

149 100

91 67.7 64.2 96.2

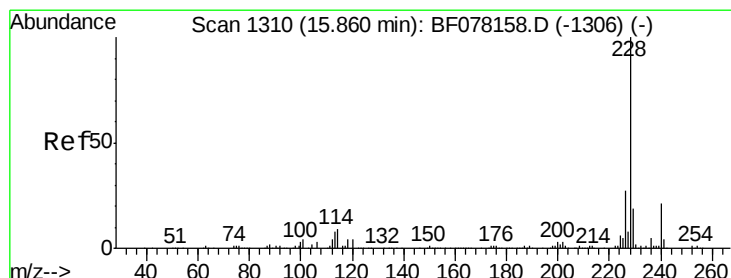
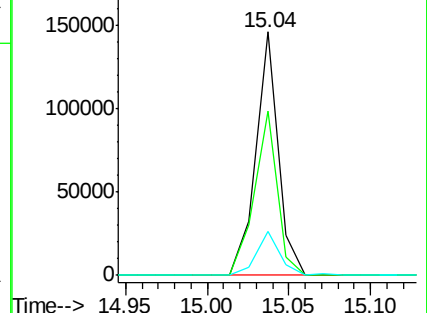
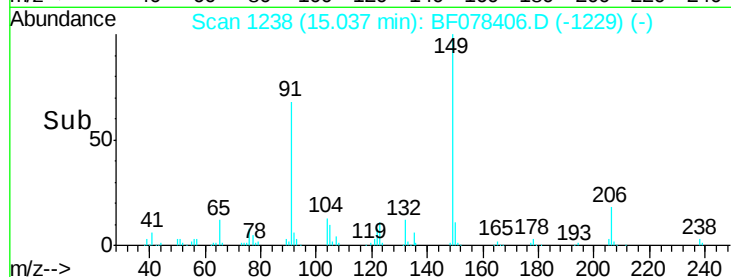
206 18.0 12.6 18.8



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: 32.77 ng

RT: 15.67 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

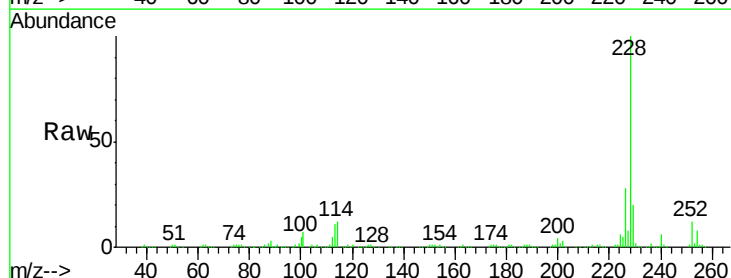
Tgt Ion:228 Resp: 320266

Ion Ratio Lower Upper

228 100

226 27.9 21.3 31.9

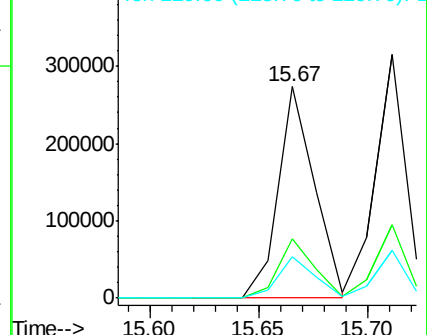
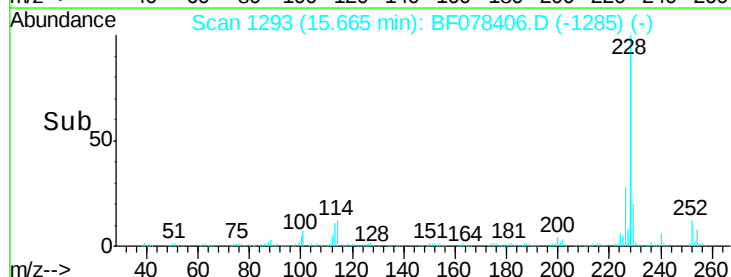
229 19.8 15.4 23.2

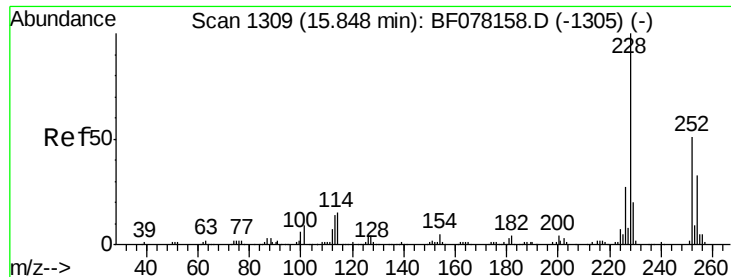


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

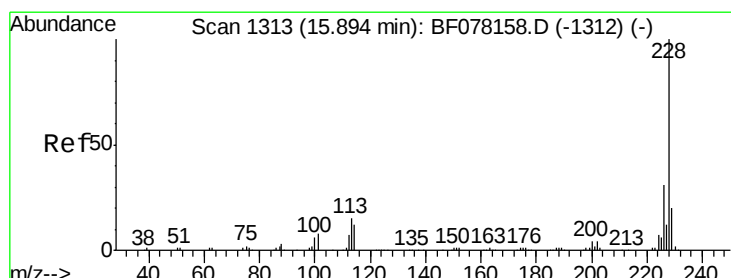
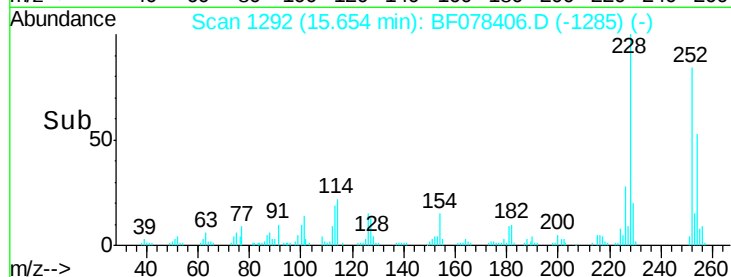
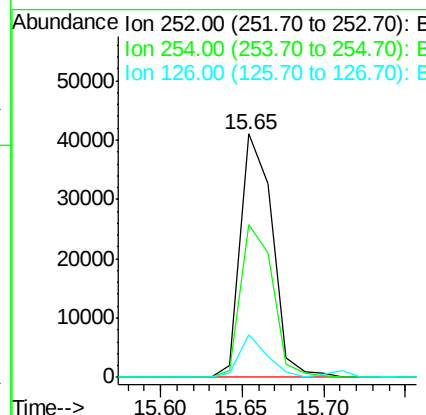
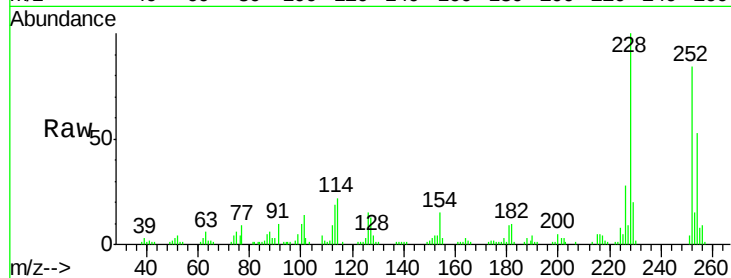




#81
 3,3'-Dichlorobenzidine
 Concen: 16.84 ng
 RT: 15.65 min Scan# 1292
 Delta R.T. -0.02 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

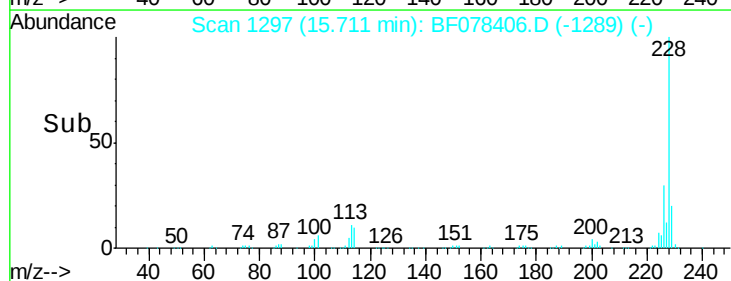
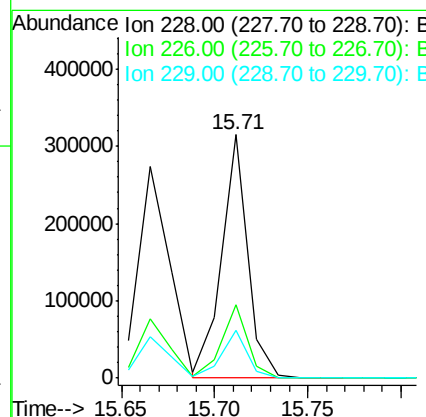
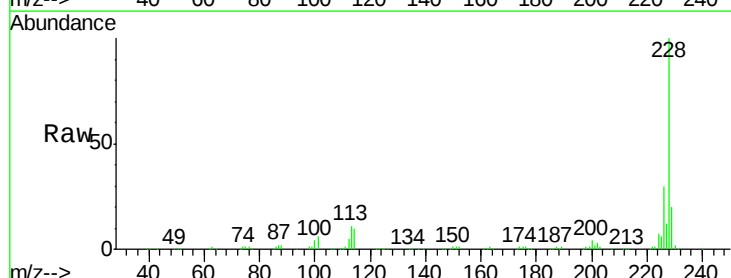
Instrument :
 BNA_F
 ClientSampled :
 PB82775BS

Tgt Ion: 252 Resp: 55127
 Ion Ratio Lower Upper
 252 100
 254 62.7 51.2 76.8
 126 17.3 6.3 9.5#



#82
 Chrysene
 Concen: 33.36 ng
 RT: 15.71 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

Tgt Ion: 228 Resp: 306324
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.2 36.4
 229 19.9 15.8 23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 32.71 ng

RT: 15.76 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

Instrument :

BNA_F

ClientSampleId :

PB82775BS

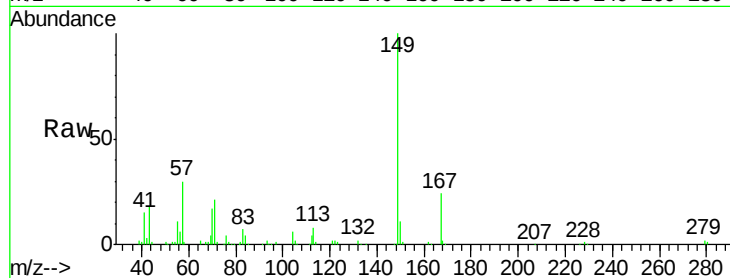
Tgt Ion:149 Resp: 201623

Ion Ratio Lower Upper

149 100

167 24.4 22.2 33.2

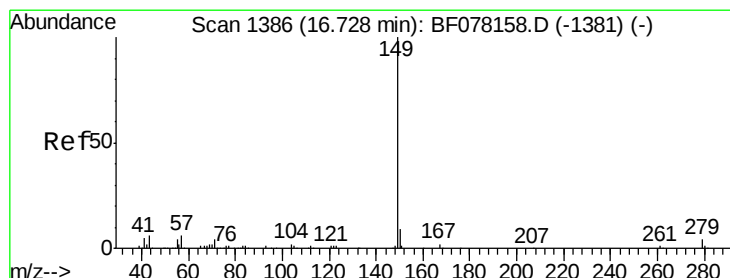
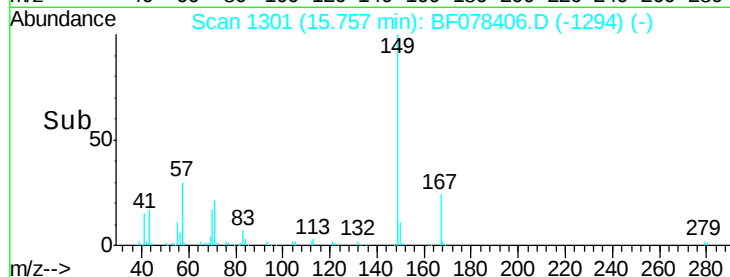
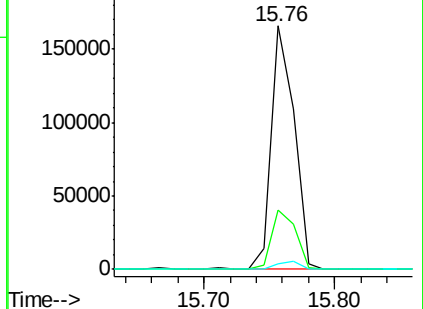
279 2.3 3.2 4.8#



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: 35.56 ng

RT: 16.55 min Scan# 1370

Delta R.T. -0.03 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

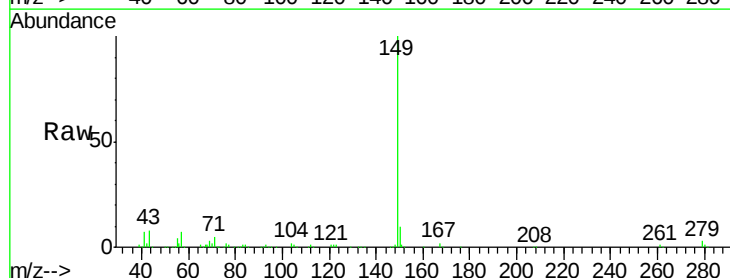
Tgt Ion:149 Resp: 359973

Ion Ratio Lower Upper

149 100

167 1.6 0.0 0.0#

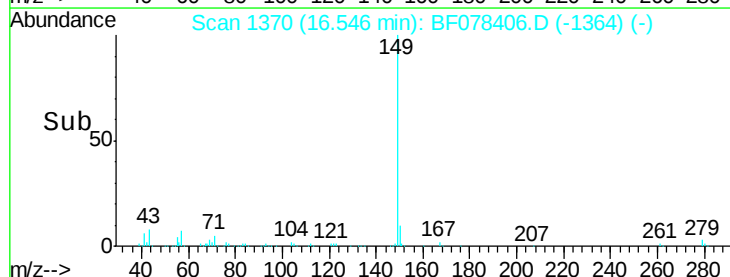
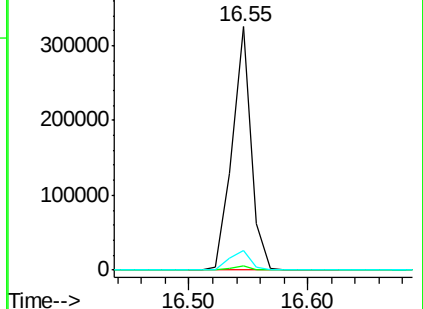
43 8.7 0.0 0.0#

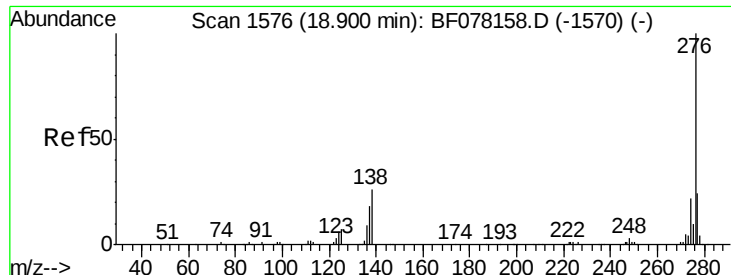


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

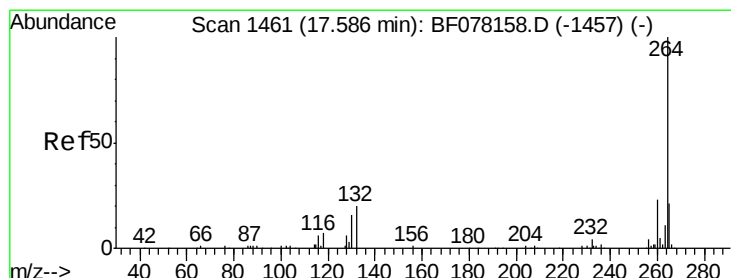
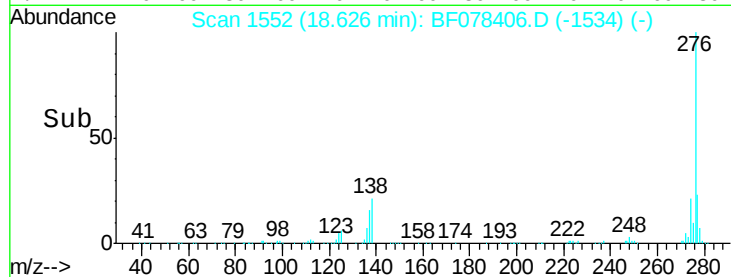
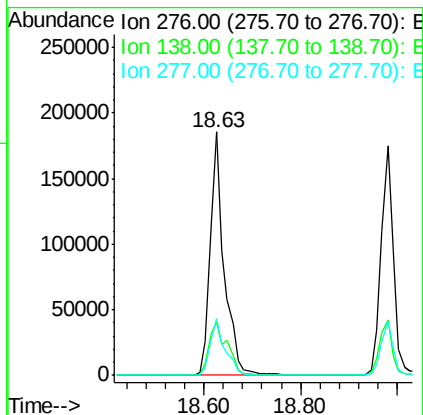
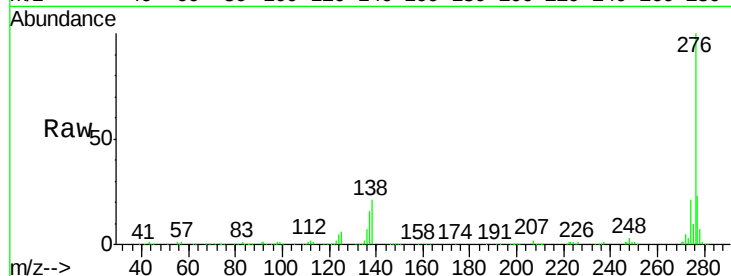




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.52 ng
 RT: 18.63 min Scan# 1552
 Delta R.T. -0.09 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

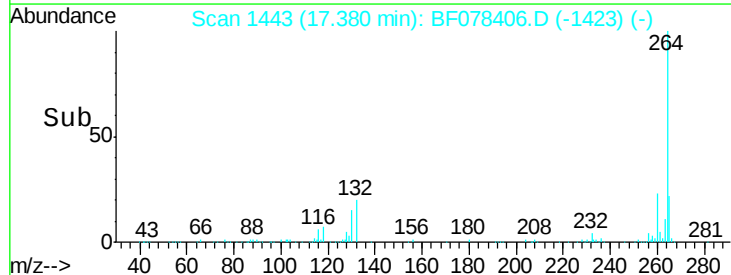
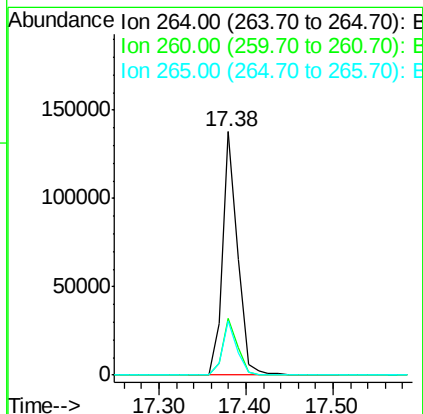
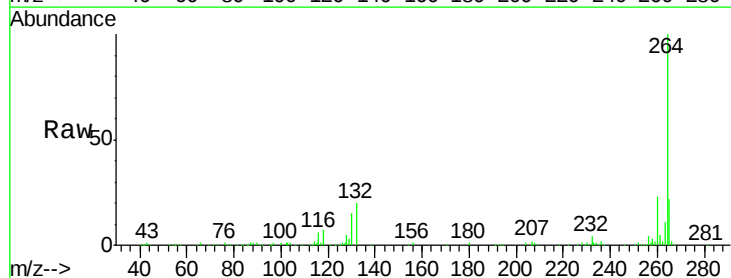
Instrument :
 BNA_F
 ClientSampleId :
 PB82775BS

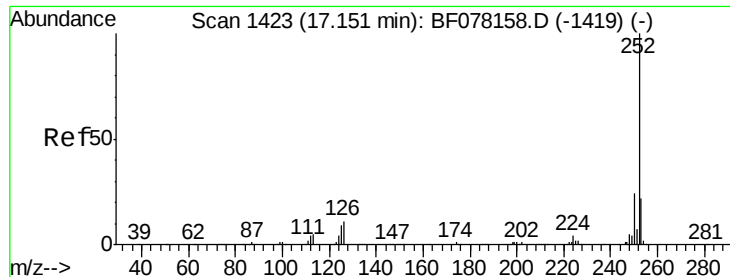
Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.1	16.9	25.3#
277	25.0	15.8	23.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.38 min Scan# 1443
 Delta R.T. -0.07 min
 Lab File: BF078406.D
 Acq: 10 Apr 2015 18:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	22.4	17.0	25.6





#87

Benzo(b)fluoranthene

Concen: 37.73 ng

RT: 16.95 min Scan# 1405

Delta R.T. -0.06 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

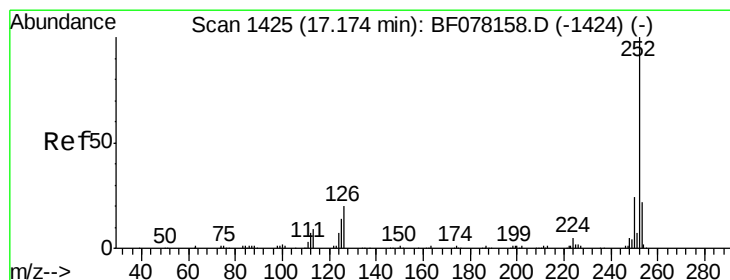
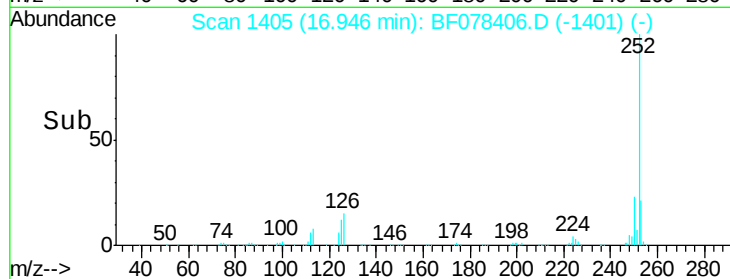
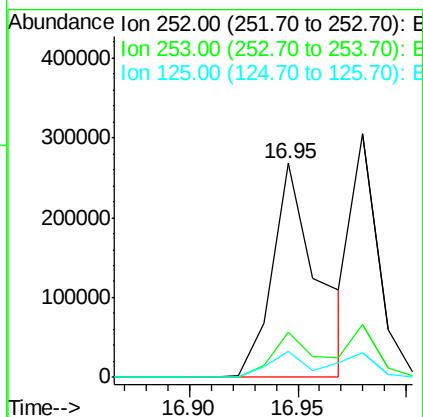
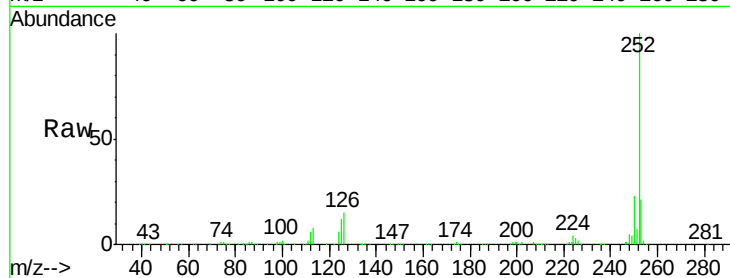
Instrument :

BNA_F

ClientSampleId :

PB82775BS

Tgt Ion:	252	Resp:	392503
Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	11.9	7.0	10.4#



#88

Benzo(k)fluoranthene

Concen: 42.46 ng

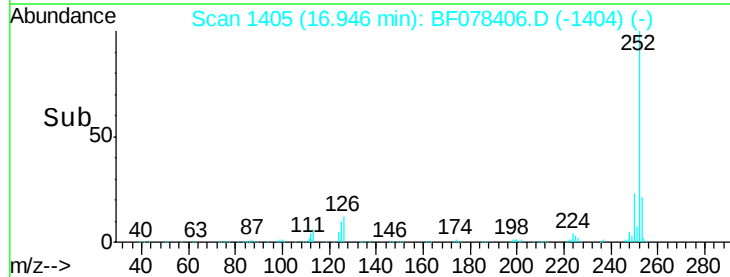
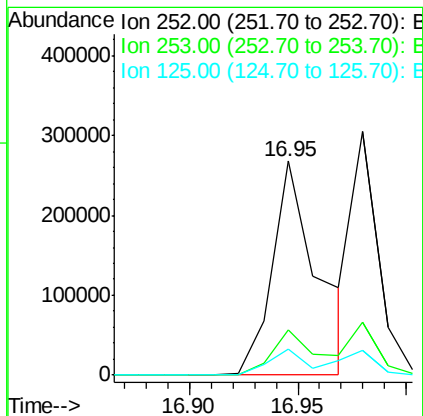
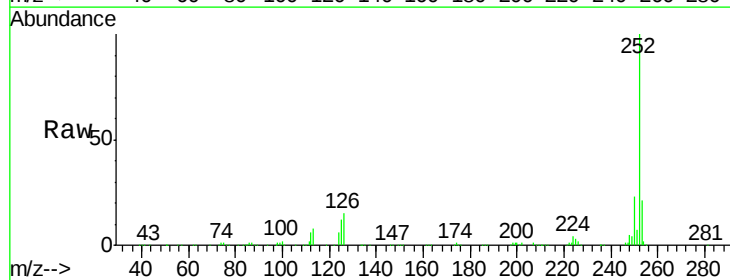
RT: 16.95 min Scan# 1405

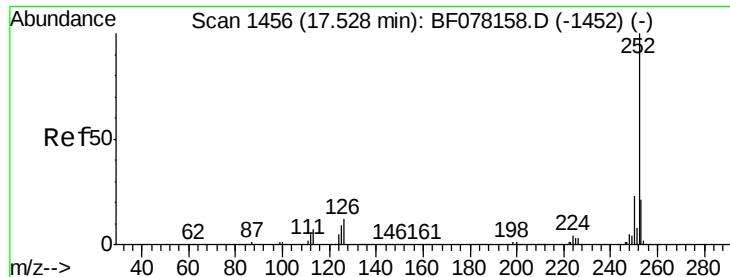
Delta R.T. -0.09 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

Tgt Ion:	252	Resp:	392503
Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	11.9	11.6	17.4





#89

Benzo(a)pyrene

Concen: 36.02 ng

RT: 17.32 min Scan# 1438

Delta R.T. -0.06 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

Instrument :

BNA_F

ClientSampleId :

PB82775BS

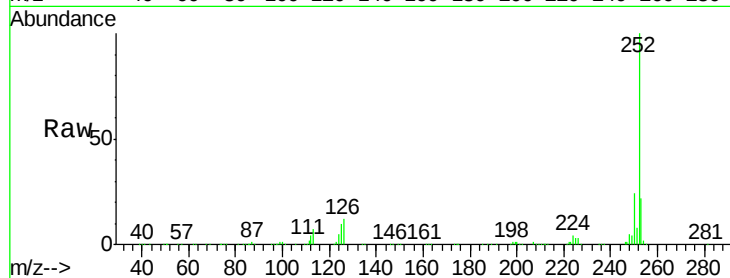
Tgt Ion: 252 Resp: 327049

Ion Ratio Lower Upper

252 100

253 21.7 16.8 25.2

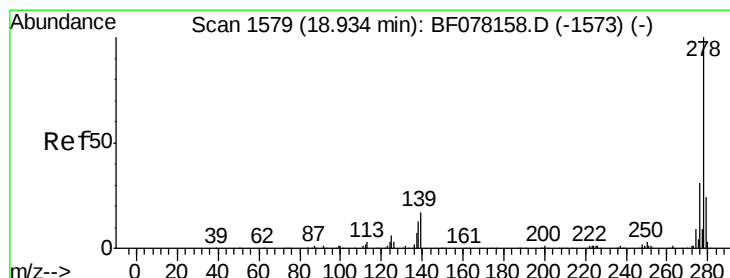
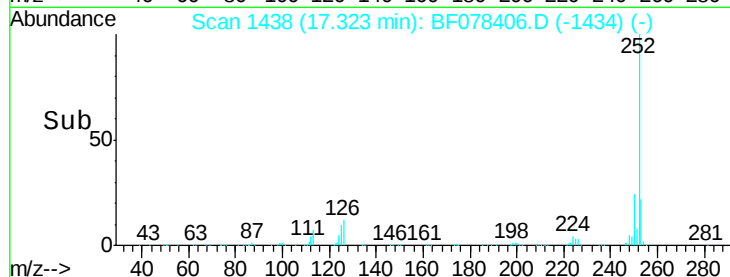
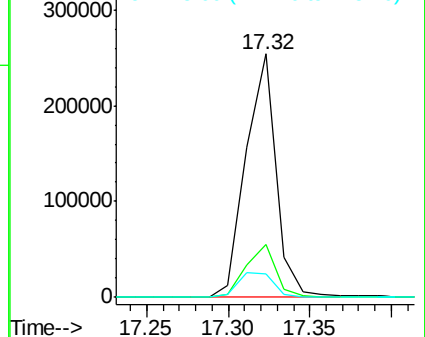
125 9.7 7.4 11.0



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: 33.23 ng

RT: 18.65 min Scan# 1554

Delta R.T. -0.10 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

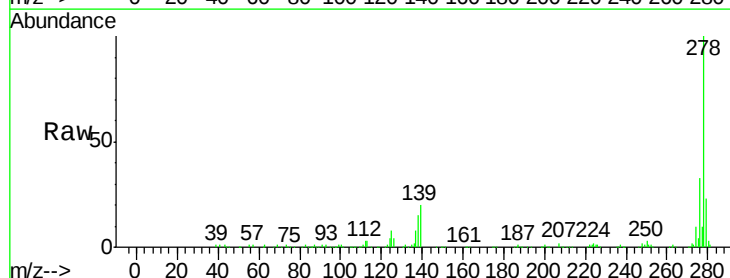
Tgt Ion: 278 Resp: 302026

Ion Ratio Lower Upper

278 100

139 19.7 13.6 20.4

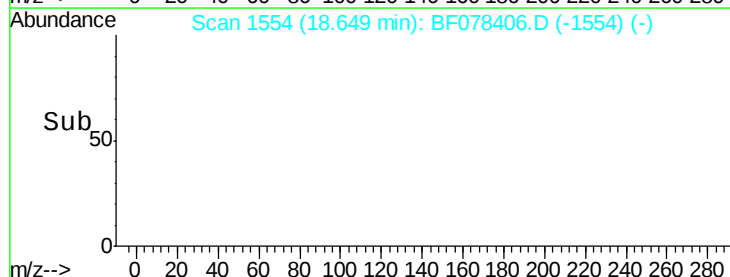
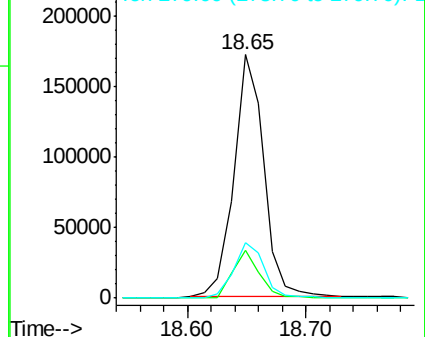
279 22.9 19.0 28.6

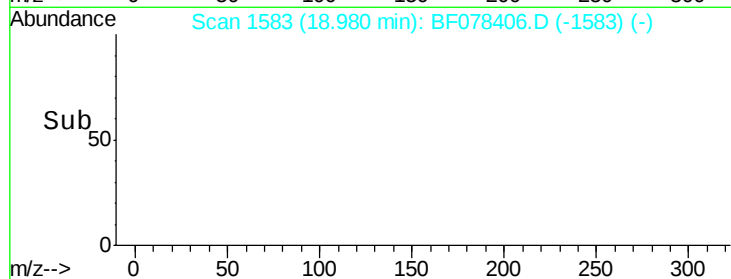
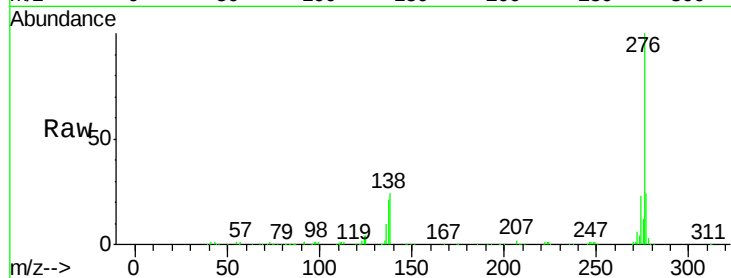
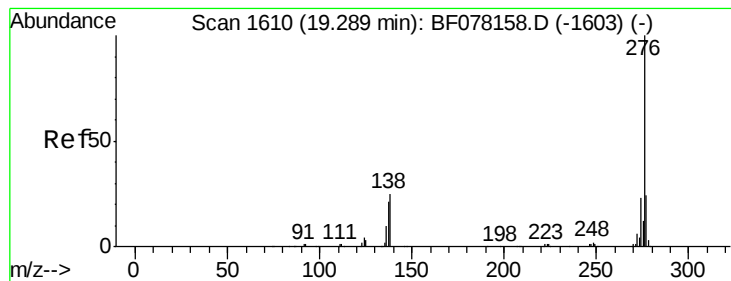


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 33.82 ng

RT: 18.98 min Scan# 1583

Delta R.T. -0.10 min

Lab File: BF078406.D

Acq: 10 Apr 2015 18:26

Instrument :

BNA_F

ClientSampleId :

PB82775BS

Tgt Ion: 276 Resp: 308187

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.4

138 24.0 19.9 29.9

