

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041315\
 Data File : BF078478.D
 Acq On : 13 Apr 2015 23:50
 Operator : TP/IZ
 Sample : PB82691BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82691BS

Quant Time: Apr 14 01:26:32 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 01:02:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	33378	20.00	ng	0.00
21) Naphthalene-d8	8.41	136	139493	20.00	ng	0.00
38) Acenaphthene-d10	10.56	164	71507	20.00	ng	-0.01
63) Phenanthrene-d10	12.39	188	144334	20.00	ng	0.00
75) Chrysene-d12	15.65	240	145226	20.00	ng	-0.01
86) Perylene-d12	17.30	264	135069	20.00	ng	-0.09

System Monitoring Compounds

5) 2-Fluorophenol	5.08	112	270146	133.44	ng	0.00
7) Phenol-d6	6.43	99	347547	136.99	ng	0.00
23) Nitrobenzene-d5	7.53	82	194969	84.72	ng	-0.01
41) 2,4,6-Tribromophenol	11.54	330	92749	156.39	ng	0.00
44) 2-Fluorobiphenyl	9.76	172	461885	92.33	ng	0.00
78) Terphenyl-d14	14.38	244	533845	83.06	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.61	88	26533	28.98	ng	# 23
3) Pyridine	2.23	79	86110	35.91	ng	99
4) n-Nitrosodimethylamine	2.17	42	35927	38.92	ng	94
6) Aniline	6.42	93	60028	16.68	ng	89
8) 2-Chlorophenol	6.56	128	102166	42.68	ng	97
9) Benzaldehyde	6.27	77	24840	14.77	ng	98
10) Phenol	6.44	94	125218	41.19	ng	97
11) bis(2-Chloroethyl)ether	6.54	93	93503	42.77	ng	97
12) 1,3-Dichlorobenzene	6.75	146	105598	40.16	ng	# 90
13) 1,4-Dichlorobenzene	6.84	146	108819	41.11	ng	98
14) 1,2-Dichlorobenzene	7.03	146	100427	40.47	ng	99
15) Benzyl Alcohol	7.03	79	80347	45.07	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.21	45	124748	42.78	ng	96
17) 2-Methylphenol	7.20	107	79808	42.94	ng	96
18) Hexachloroethane	7.45	117	36631	41.04	ng	97
19) n-Nitroso-di-n-propylamine	7.37	70	71980	43.00	ng	97
20) 3+4-Methylphenols	7.39	107	105890	42.71	ng	93
22) Acetophenone	7.35	105	141359	43.49	ng	# 91
24) Nitrobenzene	7.55	77	100753	41.88	ng	# 86
25) Isophorone	7.86	82	186892	42.79	ng	97
26) 2-Nitrophenol	7.95	139	47379	41.33	ng	94
27) 2,4-Dimethylphenol	8.03	122	91849	43.08	ng	93
28) bis(2-Chloroethoxy)methane	8.15	93	118906	42.46	ng	99
29) 2,4-Dichlorophenol	8.25	162	86406	44.55	ng	91
30) 1,2,4-Trichlorobenzene	8.34	180	89729	40.35	ng	97
31) Naphthalene	8.43	128	295761	40.74	ng	100
32) Benzoic acid	8.17	122	50154	49.78	ng	92
33) 4-Chloroaniline	8.52	127	54621	18.13	ng	96
34) Hexachlorobutadiene	8.59	225	52124	42.69	ng	98
35) Caprolactam	8.95	113	27009	46.65	ng	99
36) 4-Chloro-3-methylphenol	9.15	107	87690	44.81	ng	# 79
37) 2-Methylnaphthalene	9.29	142	208157	42.23	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.50	216	91148	41.14	ng	99
40) Hexachlorocyclopentadiene	9.48	237	76643	80.32	ng	97

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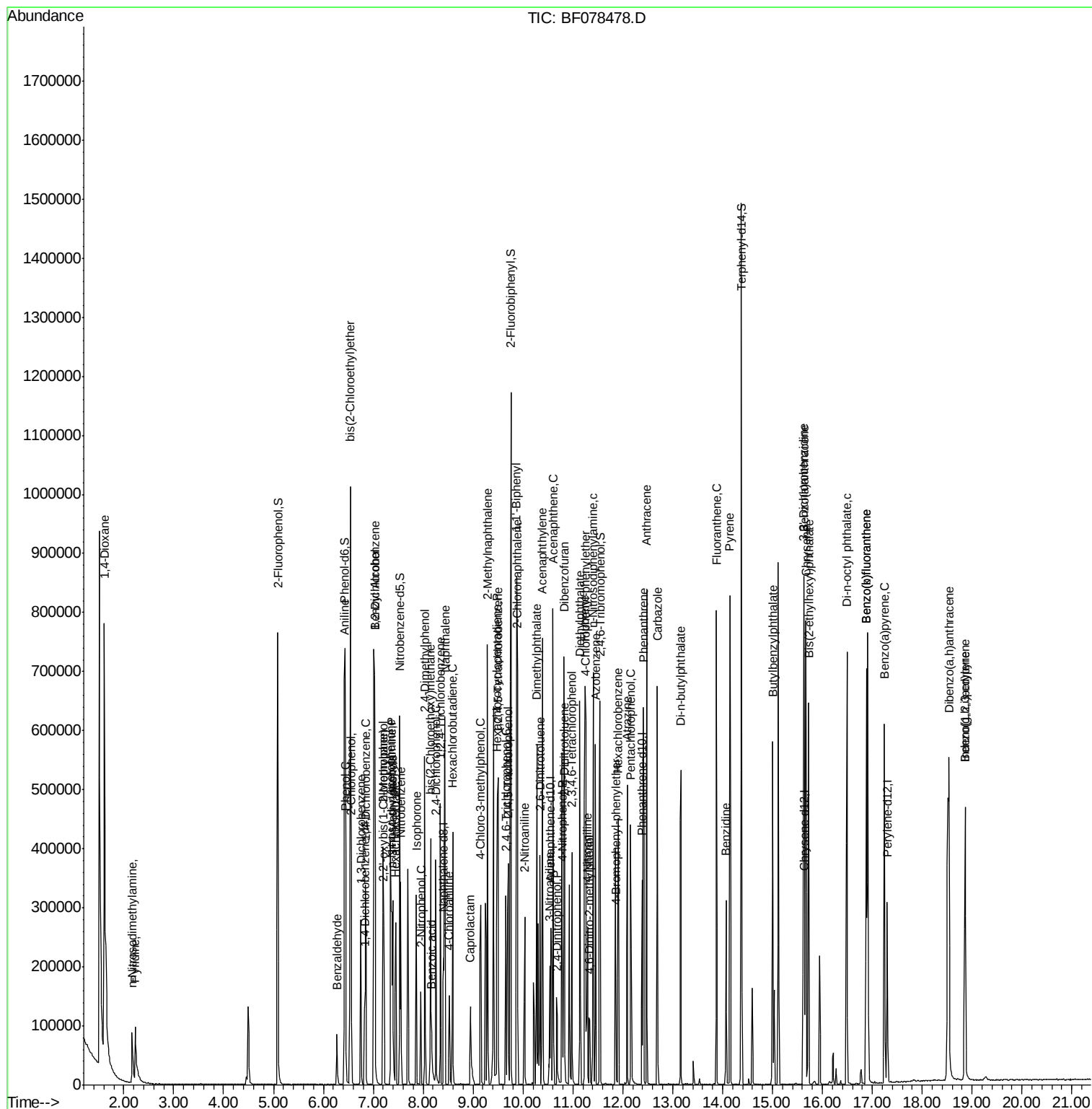
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.66	196	61462	43.99	ng	96
43) 2,4,5-Trichlorophenol	9.70	196	64005	43.84	ng	# 87
45) 1,1'-Biphenyl	9.87	154	250776	42.87	ng	99
46) 2-Chloronaphthalene	9.88	162	191767	41.67	ng	100
47) 2-Nitroaniline	10.03	65	53159	46.69	ng	# 57
48) Acenaphthylene	10.39	152	306218	41.21	ng	99
49) Dimethylphthalate	10.27	163	244866	45.58	ng	98
50) 2,6-Dinitrotoluene	10.34	165	52141	47.17	ng	# 71
51) Acenaphthene	10.60	154	182381	43.59	ng	99
52) 3-Nitroaniline	10.54	138	31475	25.04	ng	93
53) 2,4-Dinitrophenol	10.68	184	29805	72.69	ng	# 83
54) Dibenzofuran	10.82	168	298028	46.64	ng	95
55) 4-Nitrophenol	10.79	139	70506	76.32	ng	95
56) 2,4-Dinitrotoluene	10.83	165	69654	48.66	ng	# 85
57) Fluorene	11.24	166	239137	46.17	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.98	232	51830	47.89	ng	99
59) Diethylphthalate	11.14	149	236357	45.63	ng	98
60) 4-Chlorophenyl-phenylether	11.26	204	109334	45.88	ng	# 81
61) 4-Nitroaniline	11.29	138	54649	43.02	ng	98
62) Azobenzene	11.45	77	221670	46.89	ng	93
64) 4,6-Dinitro-2-methylphenol	11.34	198	25151	37.40	ng	# 57
65) n-Nitrosodiphenylamine	11.40	169	194818	39.02	ng	99
66) 4-Bromophenyl-phenylether	11.86	248	63658	41.65	ng	# 80
67) Hexachlorobenzene	11.91	284	69133	41.27	ng	99
68) Atrazine	12.09	200	70781	48.95	ng	100
69) Pentachlorophenol	12.16	266	62735	84.03	ng	99
70) Phenanthrene	12.41	178	329577	39.48	ng	99
71) Anthracene	12.48	178	351164	42.68	ng	100
72) Carbazole	12.70	167	329781	42.77	ng	99
73) Di-n-butylphthalate	13.17	149	418682	47.94	ng	99
74) Fluoranthene	13.87	202	369554	41.97	ng	96
76) Benzidine	14.07	184	141976	25.39	ng	98
77) Pyrene	14.15	202	381110	41.80	ng	98
79) Butylbenzylphthalate	15.01	149	179685	51.71	ng	# 81
80) Benzo(a)anthracene	15.63	228	358723	41.52	ng	100
81) 3,3'-Dichlorobenzidine	15.62	252	65175	22.52	ng	# 98
82) Chrysene	15.67	228	334143	41.16	ng	99
83) Bis(2-ethylhexyl)phthalate	15.73	149	274459	50.36	ng	99
84) Di-n-octyl phthalate	16.49	149	471658	52.71	ng	# 100
85) Indeno(1,2,3-cd)pyrene	18.86	276	306424	33.26	ng	93
87) Benzo(b)fluoranthene	16.88	252	417871	50.06	ng	# 98
88) Benzo(k)fluoranthene	16.88	252	417871	56.33	ng	# 97
89) Benzo(a)pyrene	17.25	252	331079	45.44	ng	99
90) Dibenzo(a,h)anthracene	18.54	278	306982	42.09	ng	99
91) Benzo(g,h,i)perylene	18.86	276	301463	41.22	ng	99

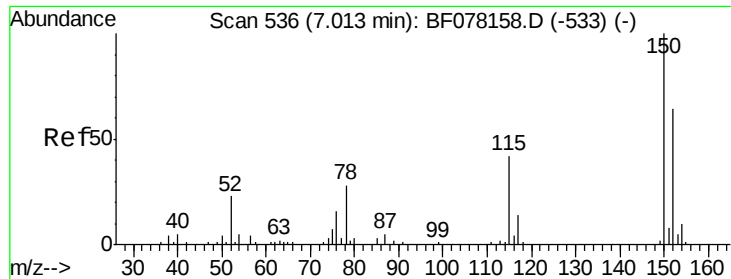
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF078478.D

Acq: 13 Apr 2015 23:50

Instrument :

BNA_F

ClientSampleId :

PB82691BS

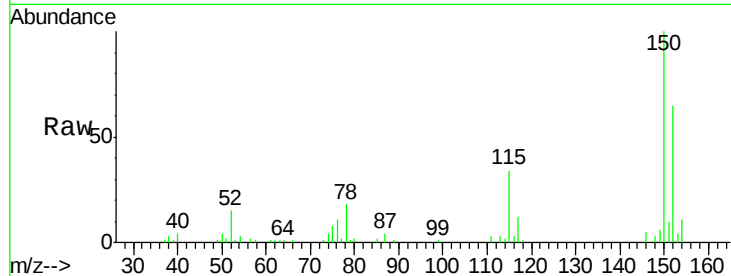
Tgt Ion:152 Resp: 33378

Ion Ratio Lower Upper

152 100

150 154.6 125.9 188.9

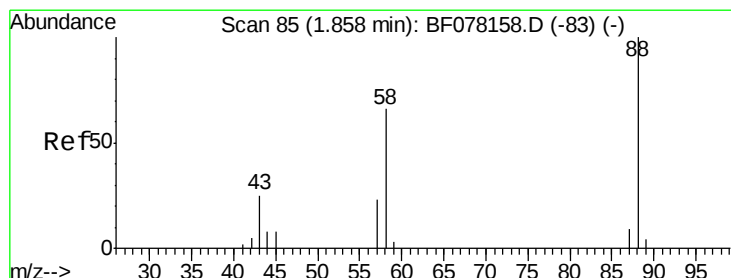
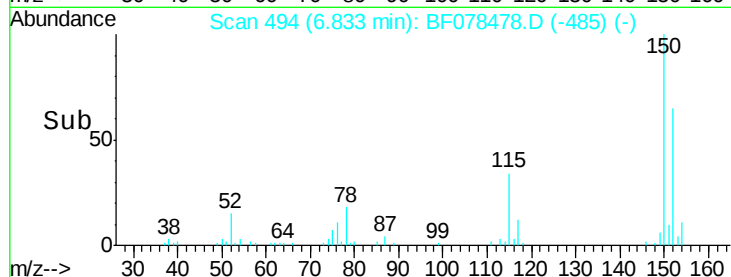
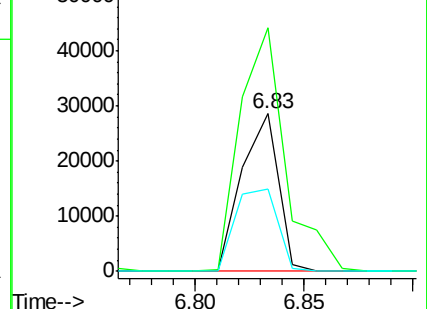
115 52.5 52.7 79.1#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 28.98 ng

RT: 1.61 min Scan# 37

Delta R.T. 0.00 min

Lab File: BF078478.D

Acq: 13 Apr 2015 23:50

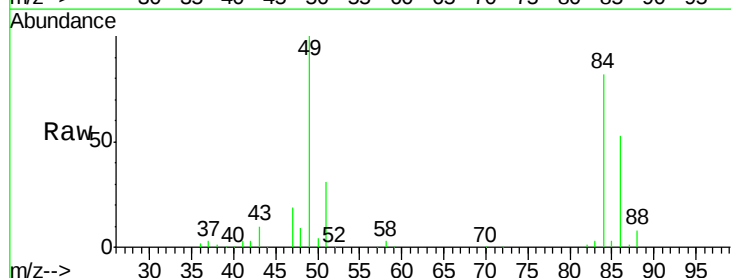
Tgt Ion: 88 Resp: 26533

Ion Ratio Lower Upper

88 100

58 0.0 56.9 85.3#

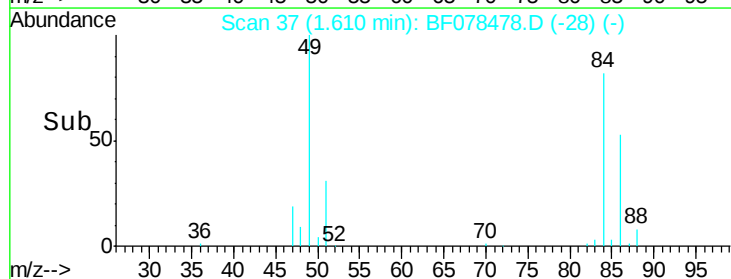
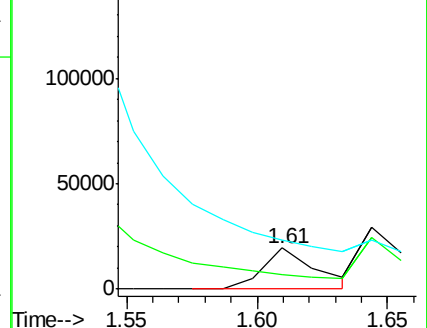
43 0.0 21.4 32.2#

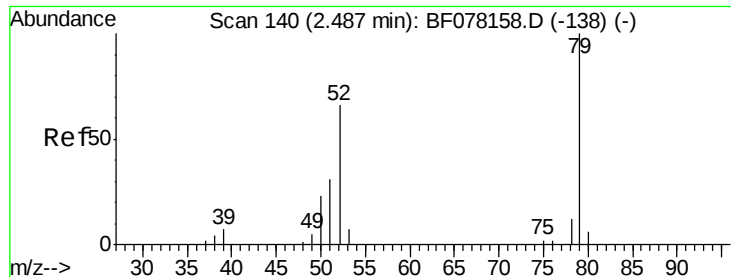


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

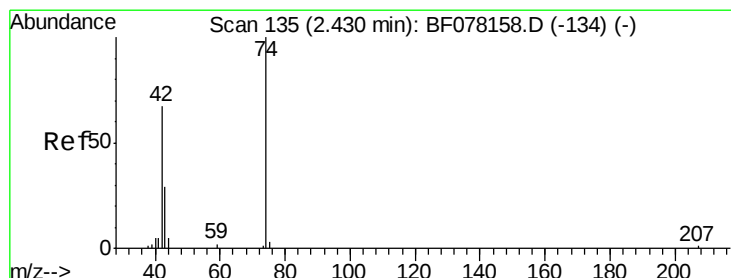
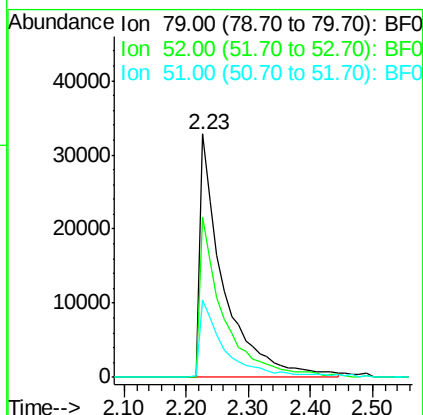
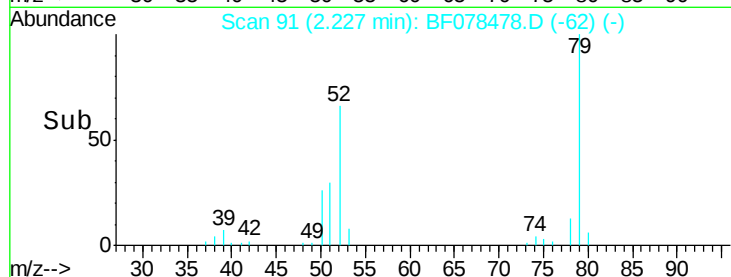
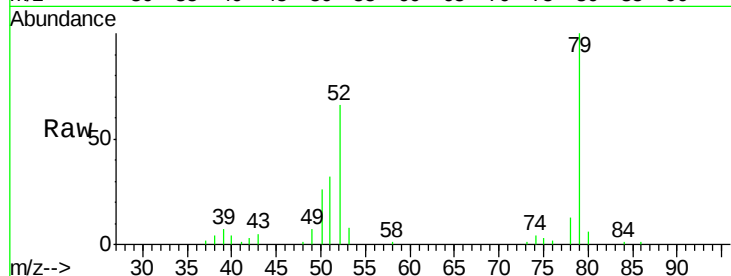




#3
Pyridine
 Concen: 35.91 ng
 RT: 2.23 min Scan# 91
 Delta R.T. 0.03 min
 Lab File: BF078478.D
 Acq: 13 Apr 2015 23:50

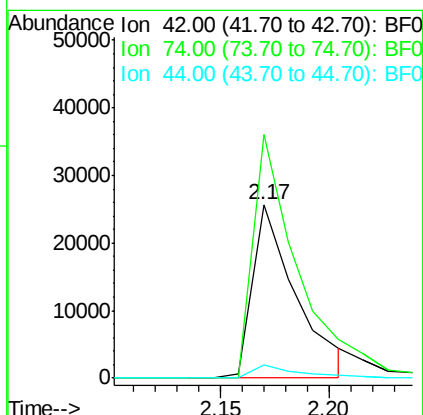
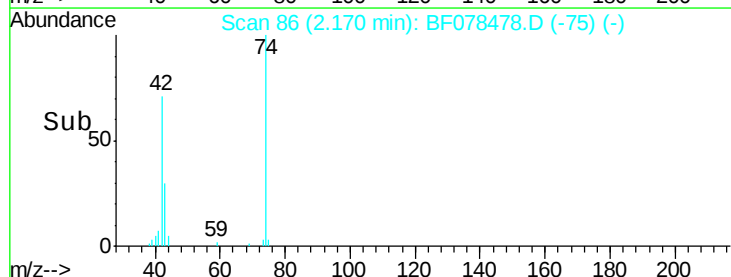
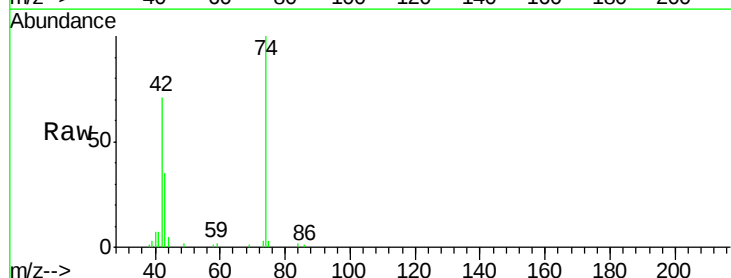
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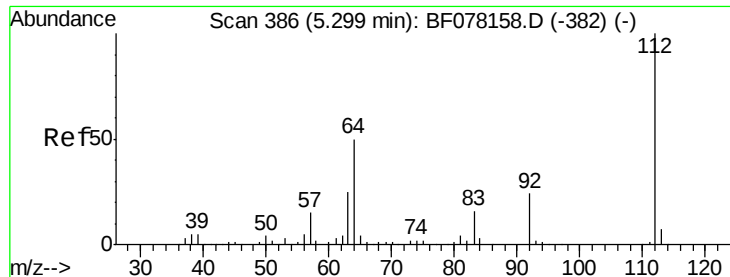
Tgt Ion: 79 Resp: 86110
 Ion Ratio Lower Upper
 79 100
 52 65.8 52.4 78.6
 51 31.9 24.9 37.3



#4
n-Nitrosodimethylamine
 Concen: 38.92 ng
 RT: 2.17 min Scan# 86
 Delta R.T. 0.02 min
 Lab File: BF078478.D
 Acq: 13 Apr 2015 23:50

Tgt Ion: 42 Resp: 35927
 Ion Ratio Lower Upper
 42 100
 74 140.0 118.7 178.1
 44 7.3 5.9 8.9





#5

2-Fluorophenol

Concen: 133.44 ng

RT: 5.08 min Scan# 341

Delta R.T. 0.00 min

Lab File: BF078478.D

Acq: 13 Apr 2015 23:50

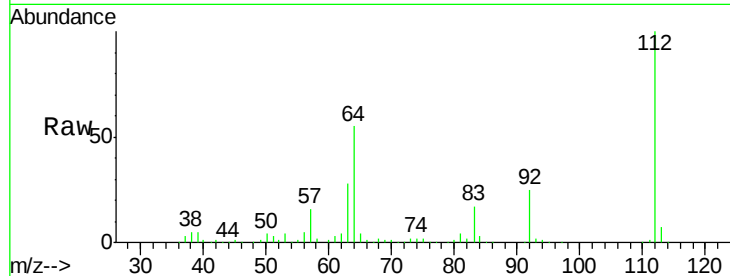
Instrument :

BNA_F

ClientSampleId :

PB82691BS

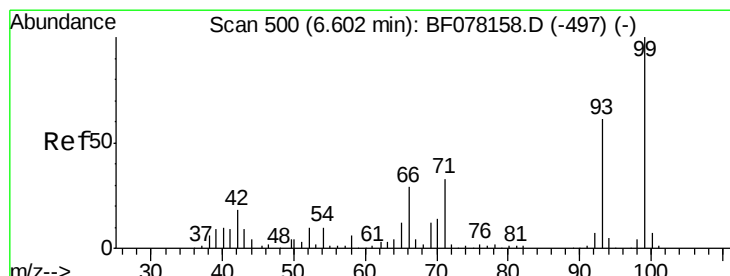
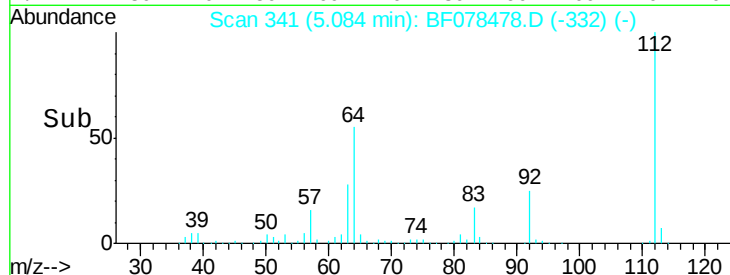
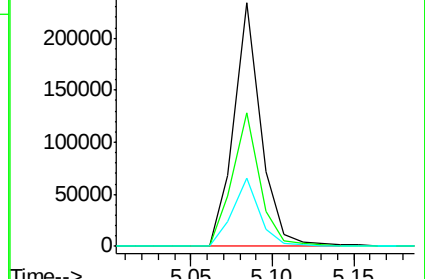
Tgt Ion:	112	Resp:	270146
Ion	Ratio	Lower	Upper
112	100		
64	55.0	39.9	59.9
63	28.3	20.2	30.4



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: 16.68 ng

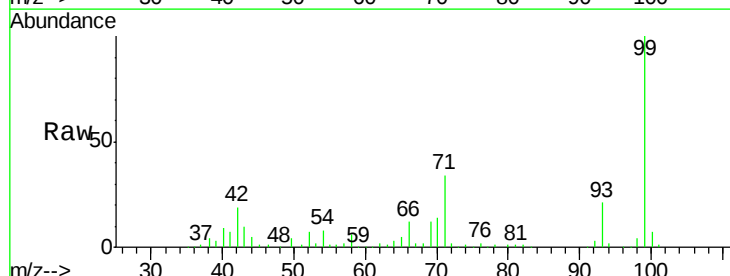
RT: 6.42 min Scan# 458

Delta R.T. 0.00 min

Lab File: BF078478.D

Acq: 13 Apr 2015 23:50

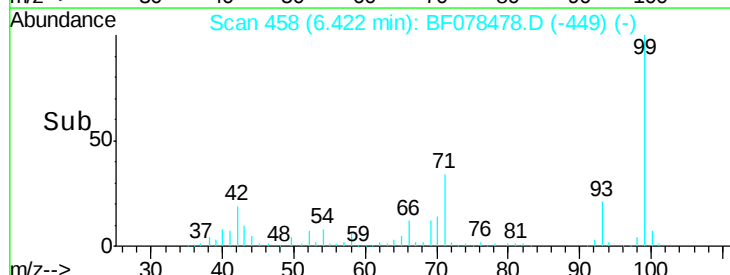
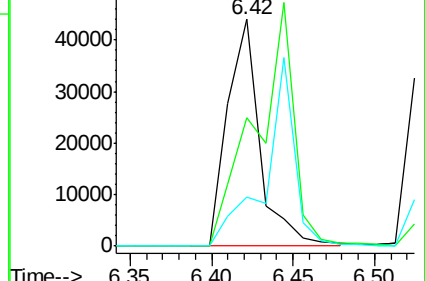
Tgt Ion:	93	Resp:	60028
Ion	Ratio	Lower	Upper
93	100		
66	56.7	38.0	57.0
65	21.9	16.3	24.5

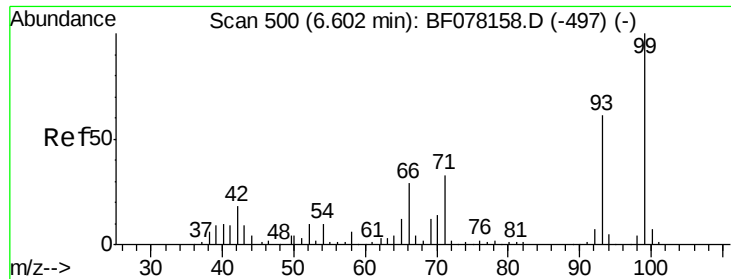


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 136.99 ng

RT: 6.43 min Scan# 459

Delta R.T. 0.00 min

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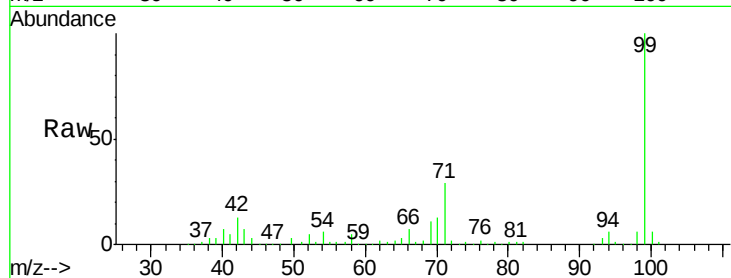
Tgt Ion: 99 Resp: 347547

Ion Ratio Lower Upper

99 100

42 13.5 14.8 22.2#

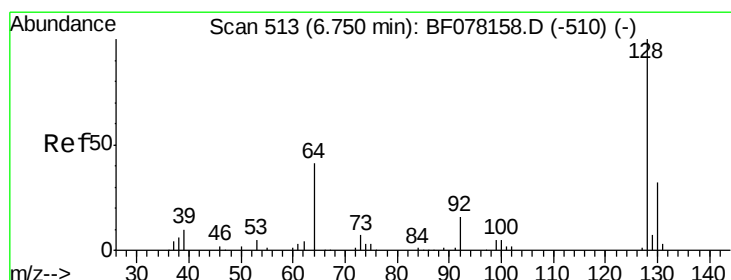
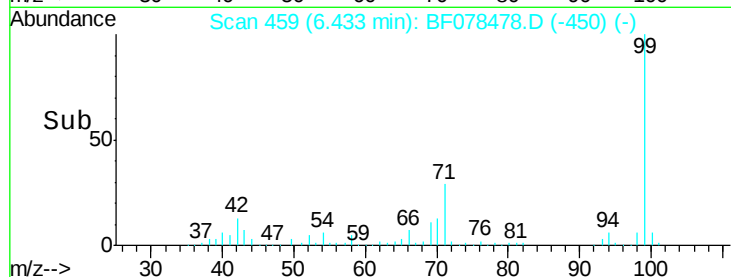
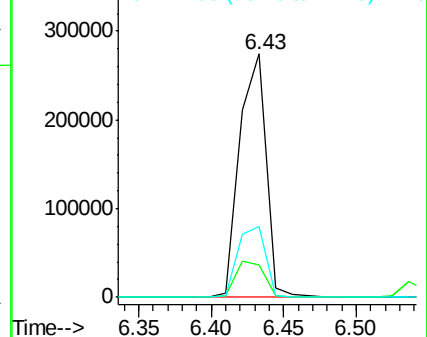
71 28.9 26.6 39.8



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: 42.68 ng

RT: 6.56 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF078478.D

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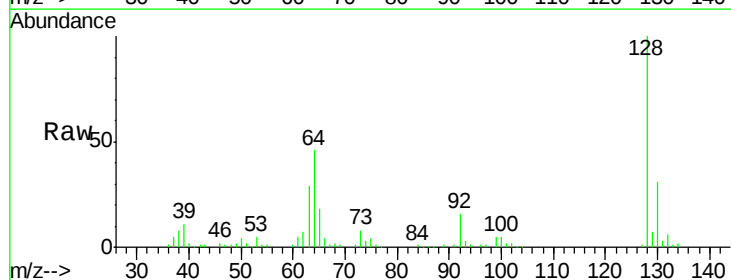
Tgt Ion: 128 Resp: 102166

Ion Ratio Lower Upper

128 100

130 31.0 12.3 52.3

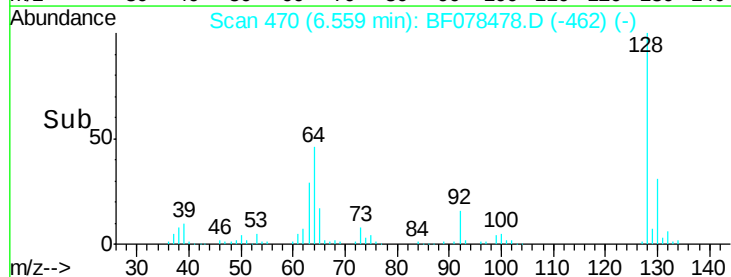
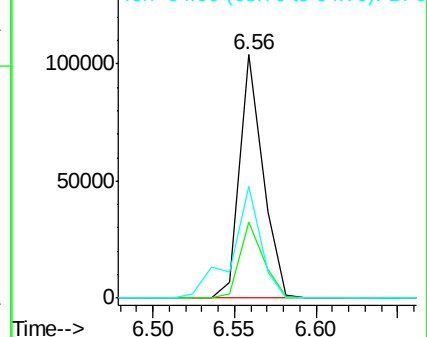
64 45.7 23.8 63.8

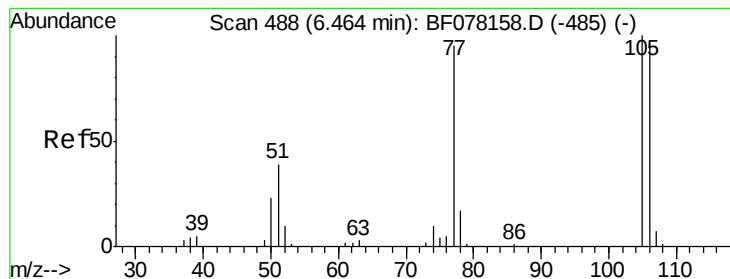


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 14.77 ng

RT: 6.27 min Scan# 445

Delta R.T. 0.00 min

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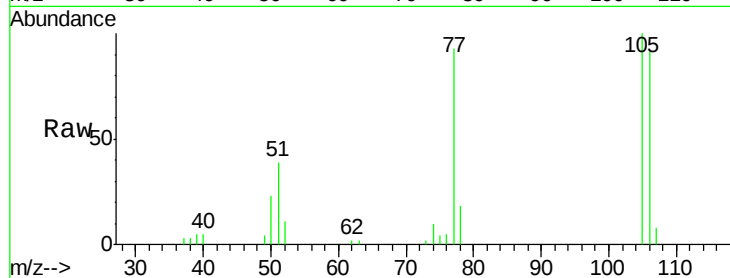
Tgt Ion: 77 Resp: 24840

Ion Ratio Lower Upper

77 100

105 107.2 85.4 125.4

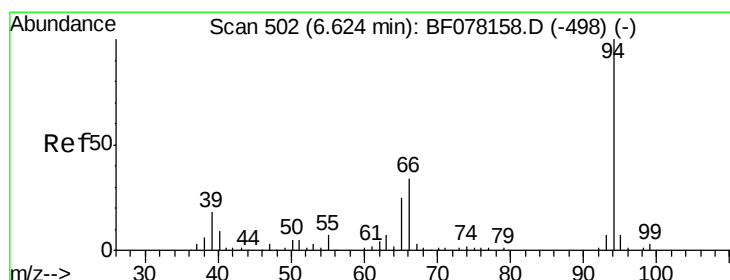
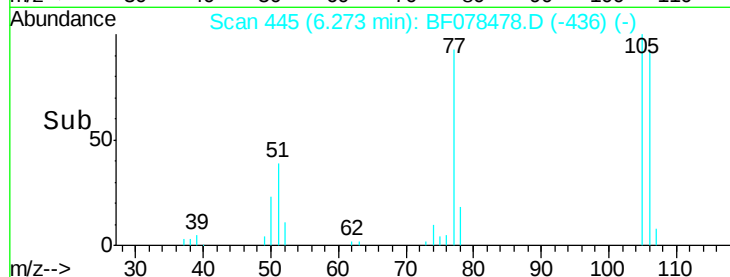
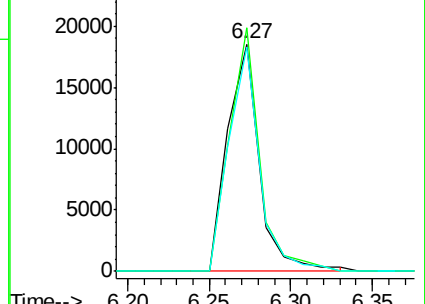
106 99.1 80.8 120.8



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: 41.19 ng

RT: 6.44 min Scan# 460

Delta R.T. 0.00 min

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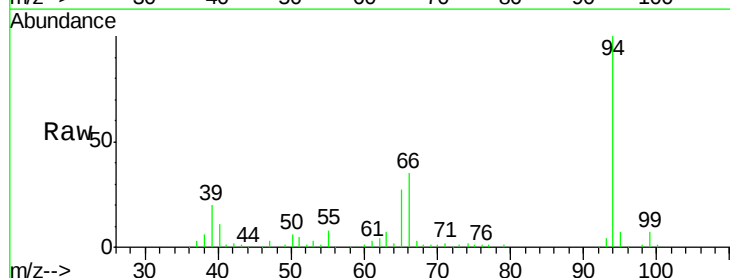
Tgt Ion: 94 Resp: 125218

Ion Ratio Lower Upper

94 100

65 27.1 4.9 44.9

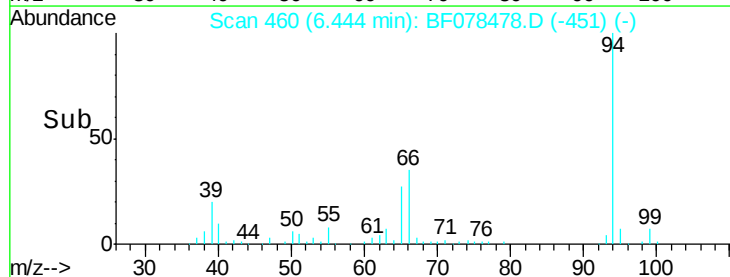
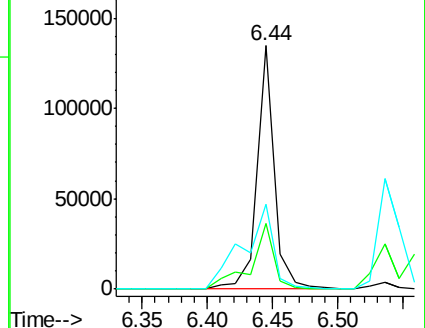
66 35.1 13.8 53.8

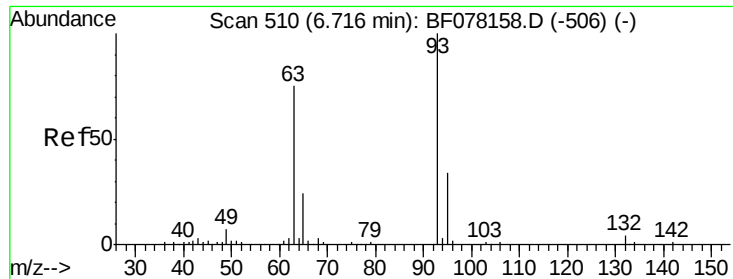


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

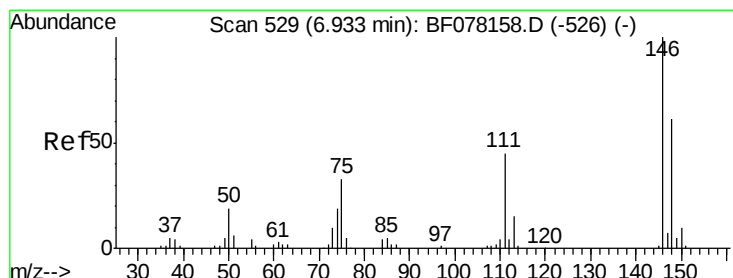
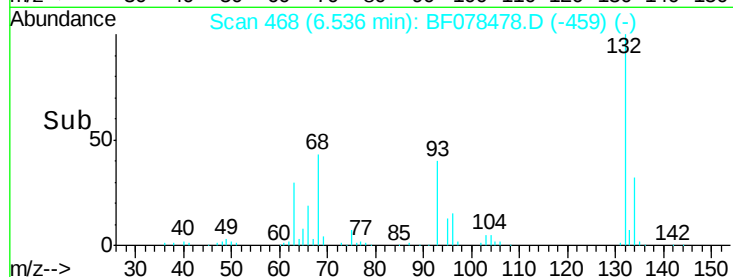
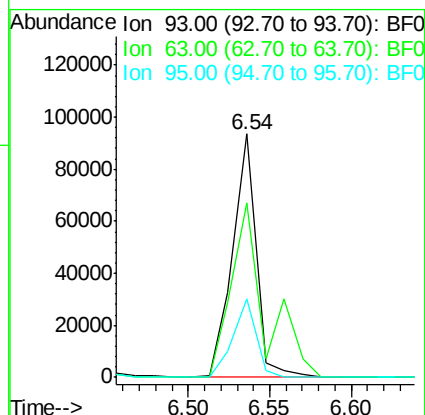
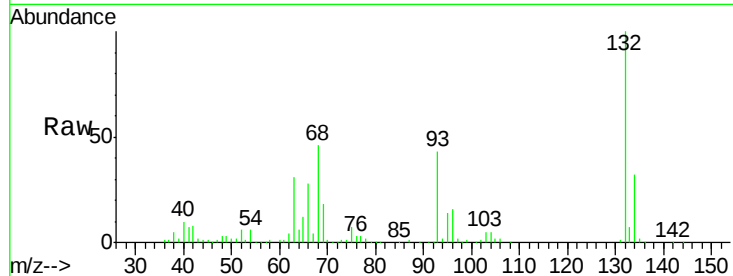




#11
bis(2-Chloroethyl)ether
Concen: 42.77 ng
RT: 6.54 min Scan# 468
Delta R.T. 0.00 min
Lab File: BF078478.D
Acq: 13 Apr 2015 23:50

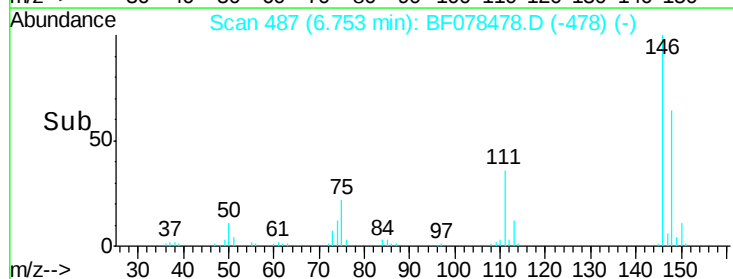
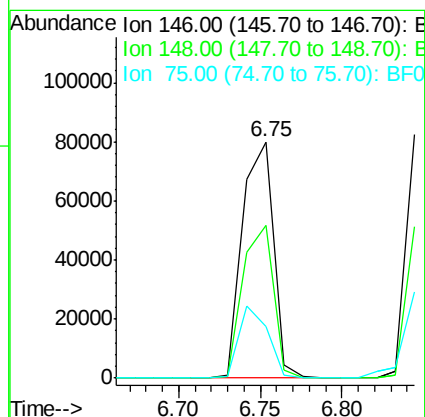
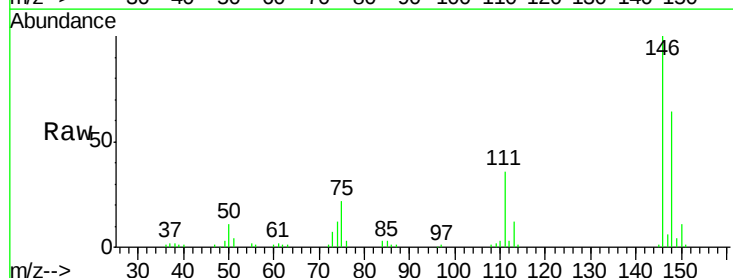
Instrument :
BNA_F
ClientSampleId :
PB82691BS

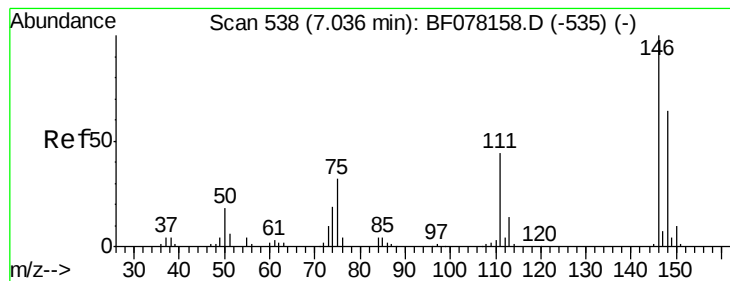
Tgt Ion: 93 Resp: 93503
Ion Ratio Lower Upper
93 100
63 71.6 54.6 94.6
95 32.5 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 40.16 ng
RT: 6.75 min Scan# 487
Delta R.T. 0.00 min
Lab File: BF078478.D
Acq: 13 Apr 2015 23:50

Tgt Ion: 146 Resp: 105598
Ion Ratio Lower Upper
146 100
148 64.4 49.1 73.7
75 21.8 26.6 40.0#





#13

1,4-Dichlorobenzene

Concen: 41.11 ng

RT: 6.84 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF078478.D

Acq: 13 Apr 2015 23:50

Instrument :

BNA_F

ClientSampleId :

PB82691BS

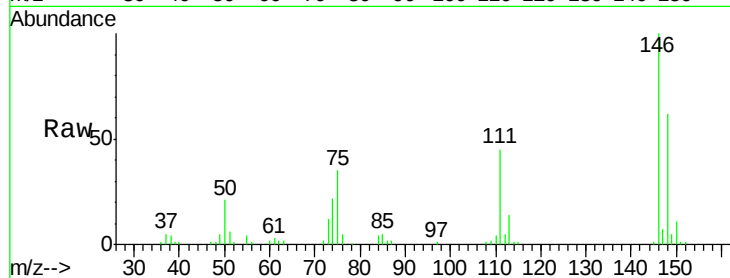
Tgt Ion:146 Resp: 108819

Ion Ratio Lower Upper

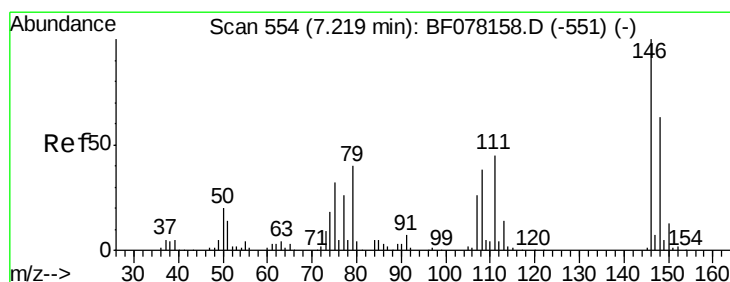
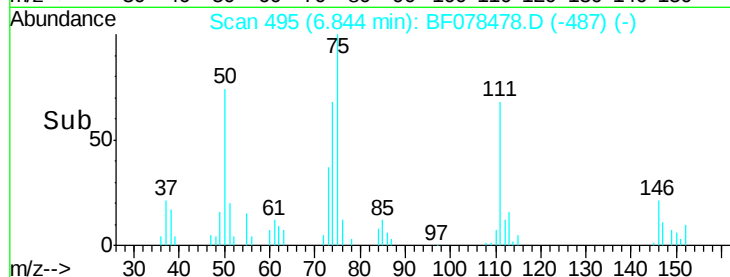
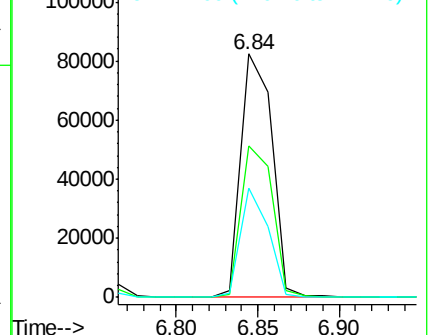
146 100

148 62.0 51.4 77.0

111 44.8 35.0 52.4



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



#14

1,2-Dichlorobenzene

Concen: 40.47 ng

RT: 7.03 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF078478.D

Acq: 13 Apr 2015 23:50

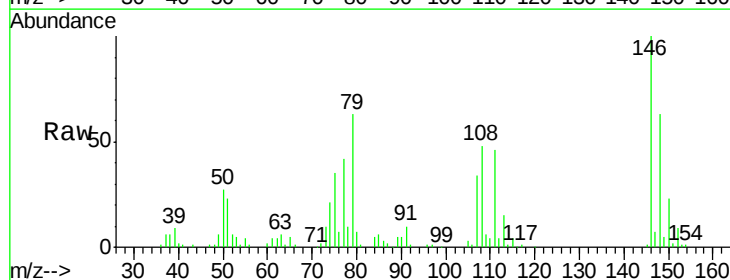
Tgt Ion:146 Resp: 100427

Ion Ratio Lower Upper

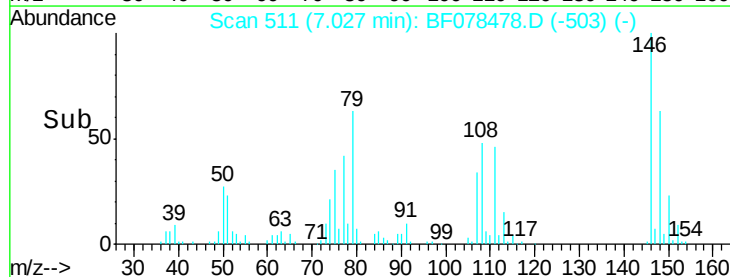
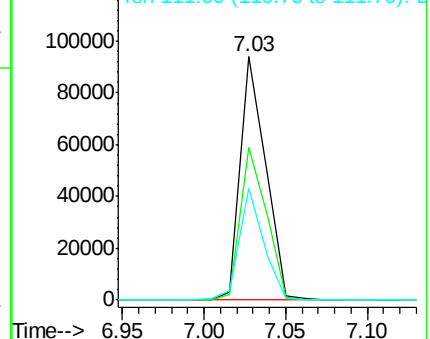
146 100

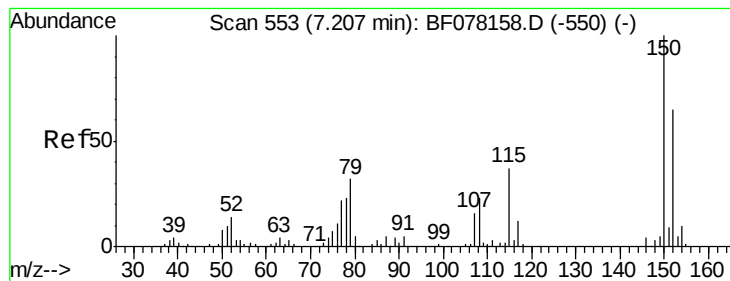
148 62.9 50.2 75.4

111 46.0 36.1 54.1



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





#15

Benzyl Alcohol

Concen: 45.07 ng

RT: 7.03 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF078478.D

Acq: 13 Apr 2015 23:50

Instrument :

BNA_F

ClientSampleId :

PB82691BS

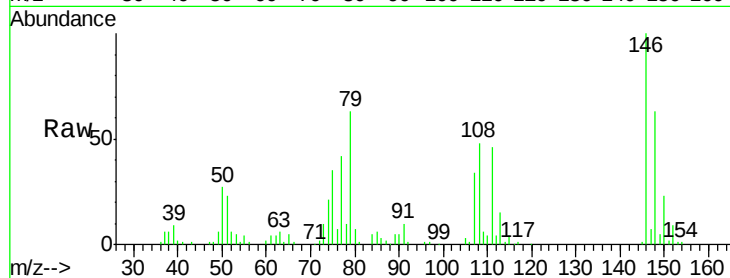
Tgt Ion: 79 Resp: 80347

Ion Ratio Lower Upper

79 100

108 75.5 57.6 86.4

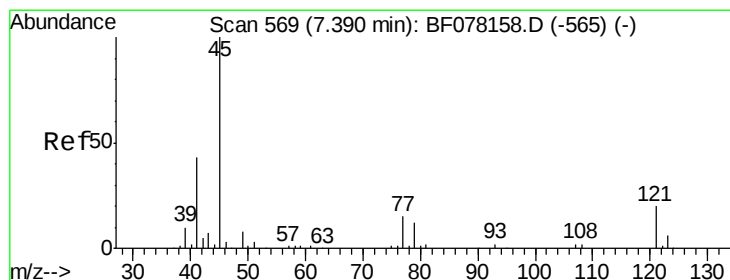
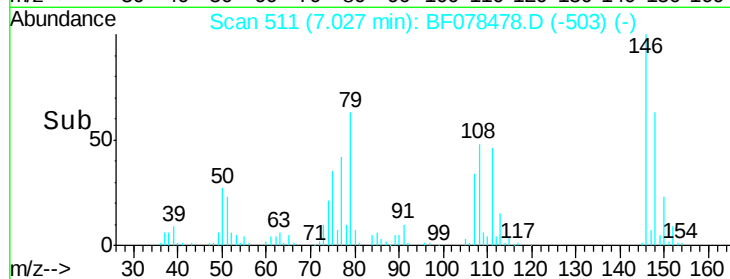
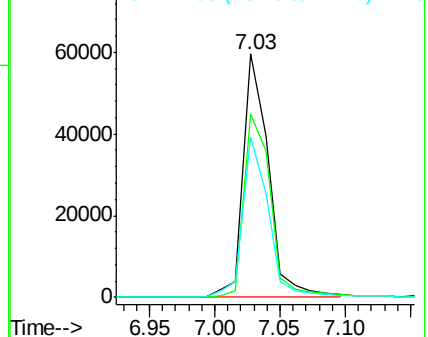
77 65.6 53.5 80.3



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: 42.78 ng

RT: 7.21 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF078478.D

Acq: 13 Apr 2015 23:50

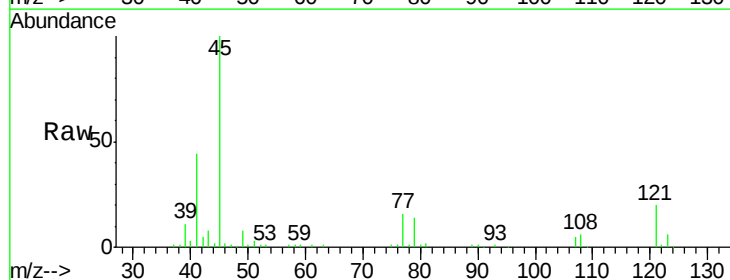
Tgt Ion: 45 Resp: 124748

Ion Ratio Lower Upper

45 100

77 15.9 0.0 34.5

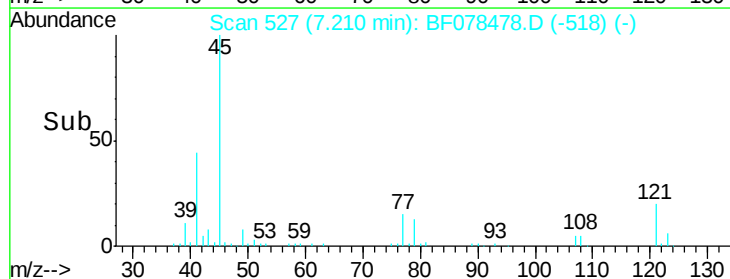
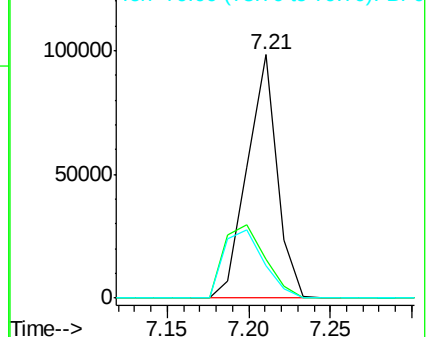
79 13.5 0.0 31.9

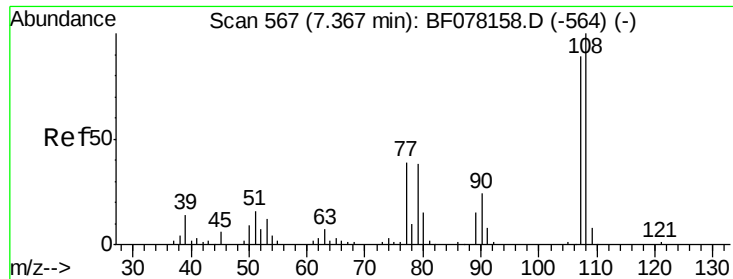


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

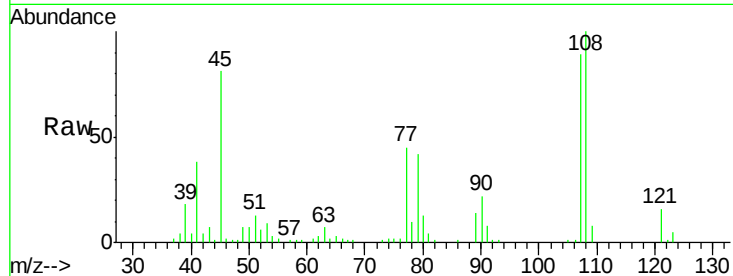




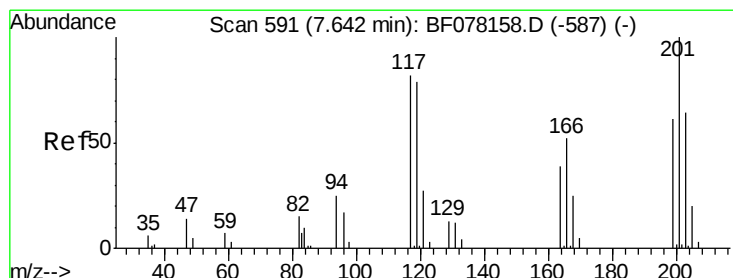
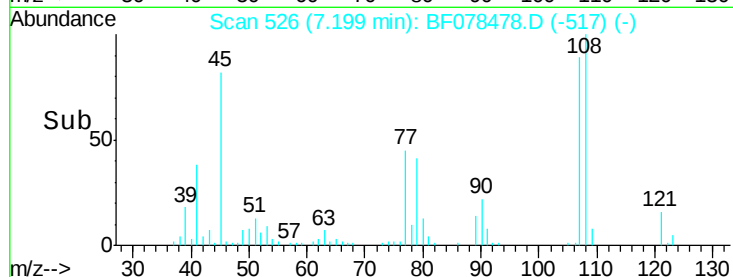
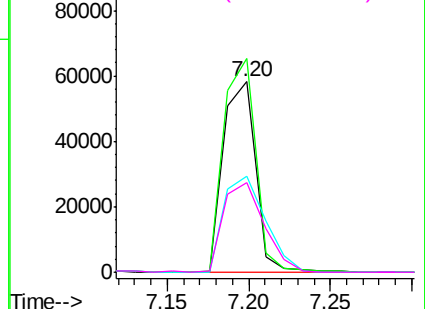
#17
2-Methylphenol
Concen: 42.94 ng
RT: 7.20 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF078478.D
Acq: 13 Apr 2015 23:50

Instrument :
BNA_F
ClientSampleID :
PB82691BS

Tgt Ion:	107	Resp:	79808
Ion	Ratio	Lower	Upper
107	100		
108	112.0	90.3	135.5
77	50.5	35.5	53.3
79	47.2	34.2	51.4

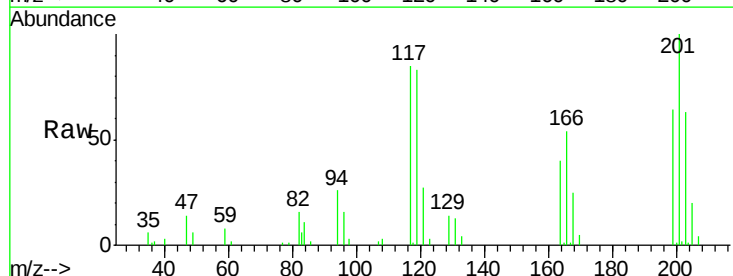


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

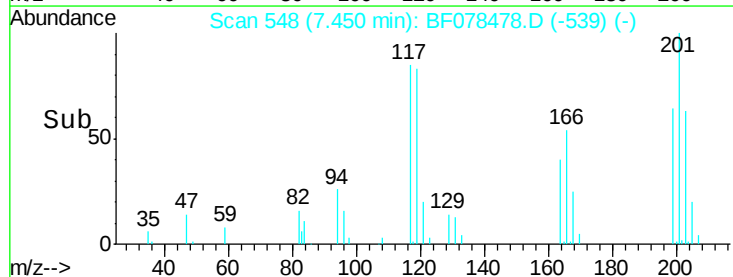
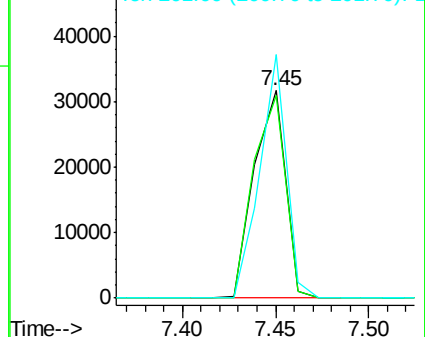


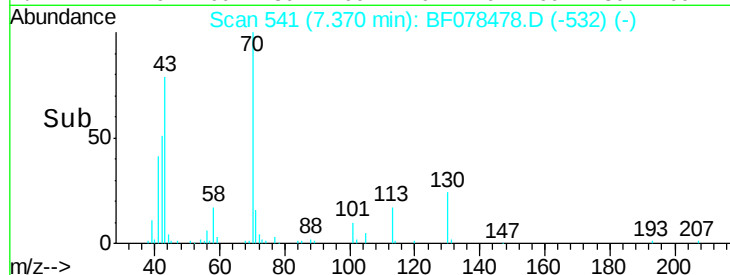
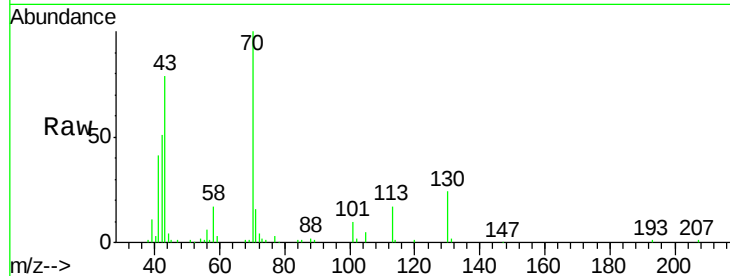
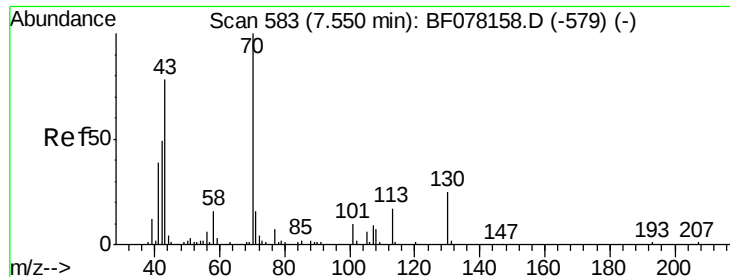
#18
Hexachloroethane
Concen: 41.04 ng
RT: 7.45 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF078478.D
Acq: 13 Apr 2015 23:50

Tgt Ion:	117	Resp:	36631
Ion	Ratio	Lower	Upper
117	100		
119	97.8	77.0	115.6
201	117.4	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

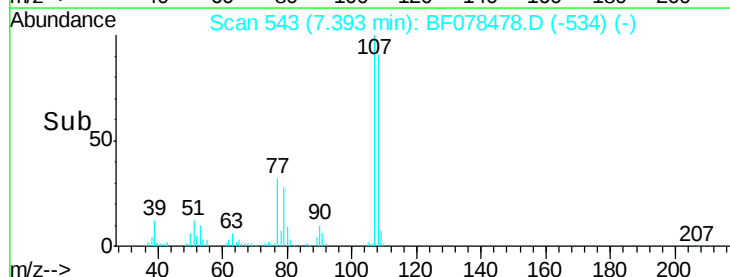
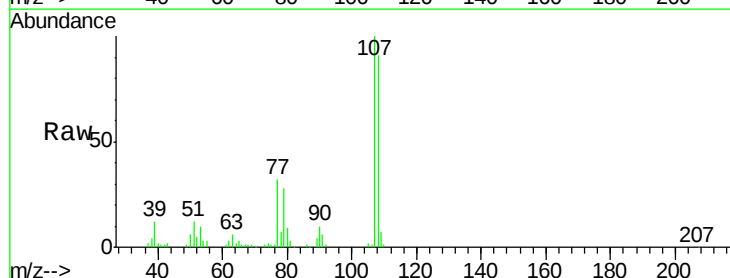
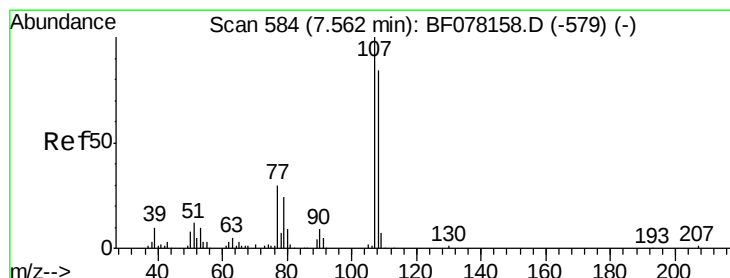
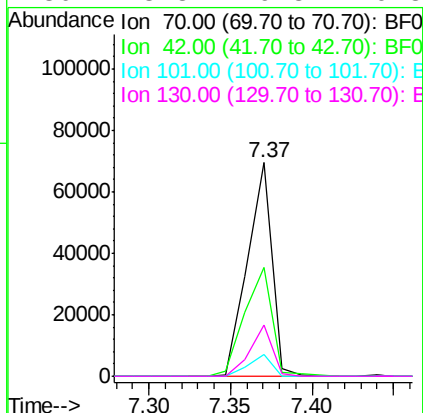




#19
n-Nitroso-di-n-propylamine
Concen: 43.00 ng
RT: 7.37 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF078478.D
Acq: 13 Apr 2015 23:50

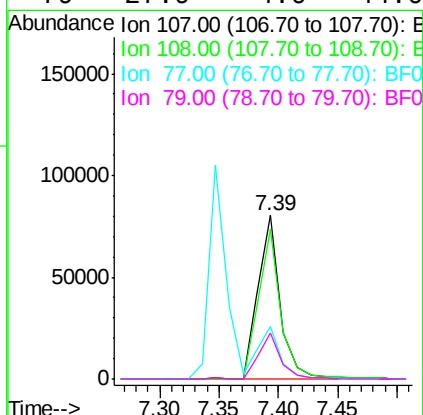
Instrument :
BNA_F
ClientSampleId :
PB82691BS

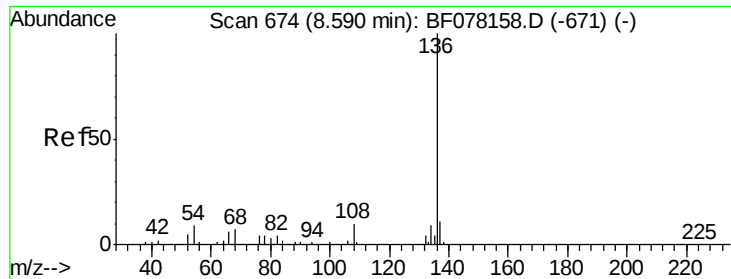
Tgt Ion:	70	Resp:	71980
Ion	Ratio	Lower	Upper
70	100		
42	50.7	38.9	58.3
101	9.9	8.3	12.5
130	23.8	19.8	29.8



#20
3+4-Methylphenols
Concen: 42.71 ng
RT: 7.39 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF078478.D
Acq: 13 Apr 2015 23:50

Tgt Ion:	107	Resp:	105890
Ion	Ratio	Lower	Upper
107	100		
108	91.3	64.4	104.4
77	32.0	9.7	49.7
79	27.9	4.0	44.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.41 min Scan# 632

Delta R.T. 0.00 min

Lab File: BF078478.D

Acq: 13 Apr 2015 23:50

Instrument :

BNA_F

ClientSampleId :

PB82691BS

Tgt Ion:136 Resp: 139493

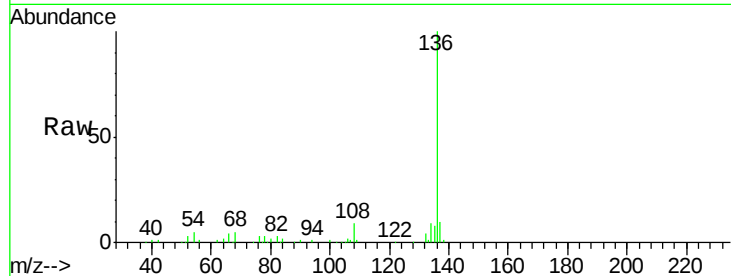
Ion Ratio Lower Upper

136 100

137 10.1 9.0 13.4

54 5.0 7.0 10.6#

68 4.6 5.4 8.2#

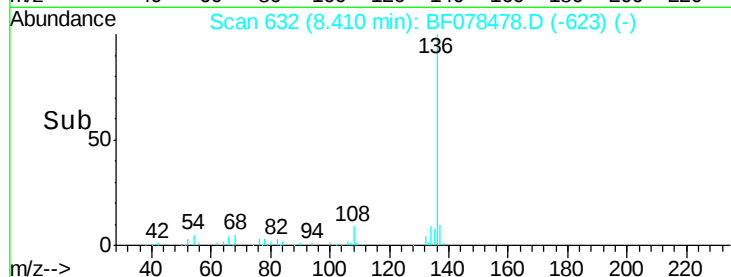


Abundance Ion 136.00 (135.70 to 136.70): E

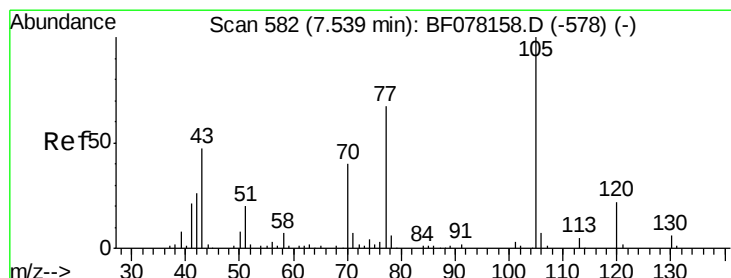
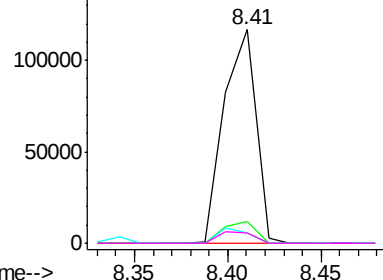
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 43.49 ng

RT: 7.35 min Scan# 539

Delta R.T. -0.01 min

Lab File: BF078478.D

Acq: 13 Apr 2015 23:50

Tgt Ion:105 Resp: 141359

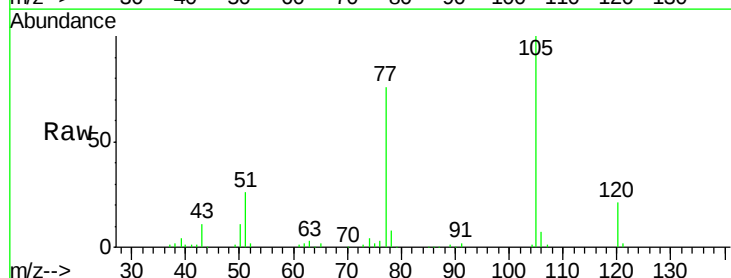
Ion Ratio Lower Upper

105 100

71 0.0 5.5 8.3#

51 25.8 16.0 24.0#

120 21.2 17.8 26.6

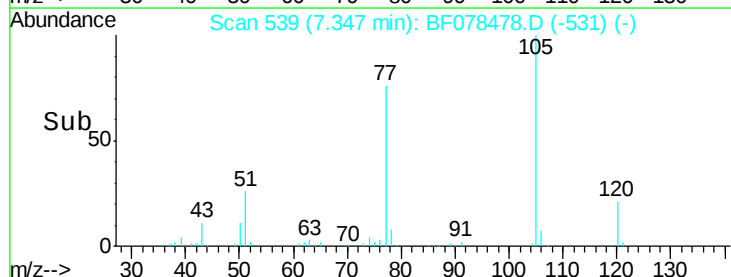


Abundance Ion 105.00 (104.70 to 105.70): E

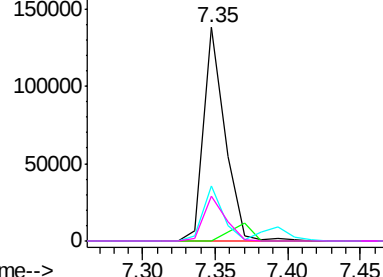
Ion 71.00 (70.70 to 71.70): BF0

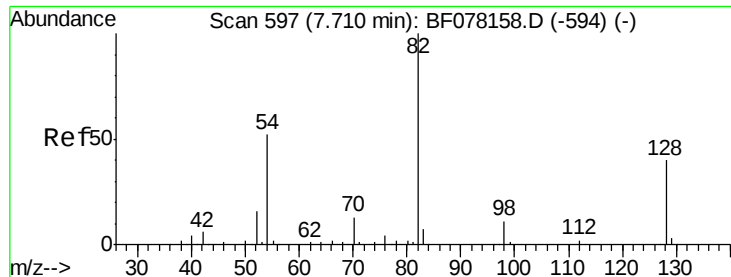
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

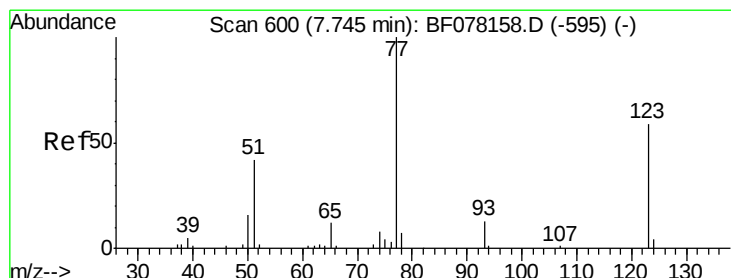
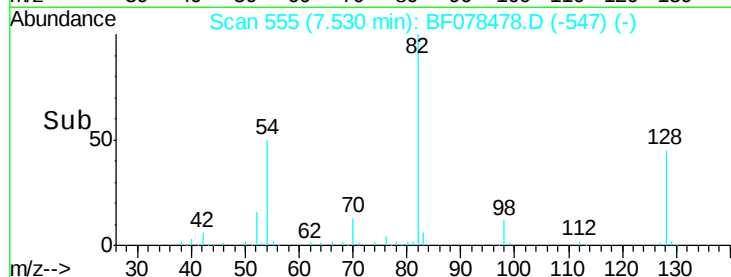
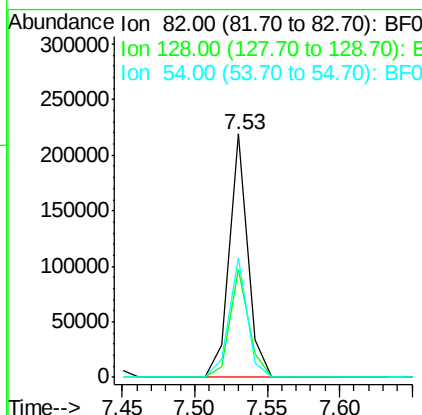
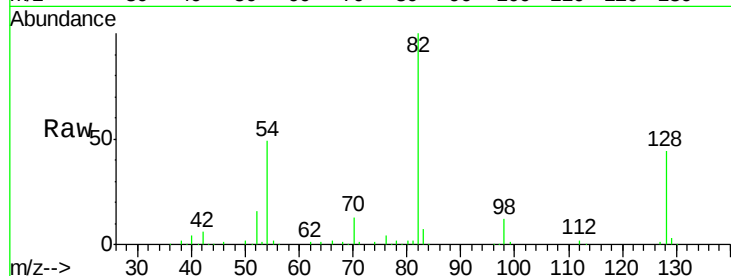




#23
 Nitrobenzene-d5
 Concen: 84.72 ng
 RT: 7.53 min Scan# 555
 Delta R.T. -0.01 min
 Lab File: BF078478.D
 Acq: 13 Apr 2015 23:50

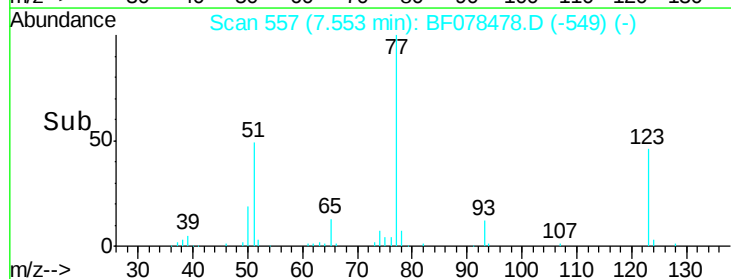
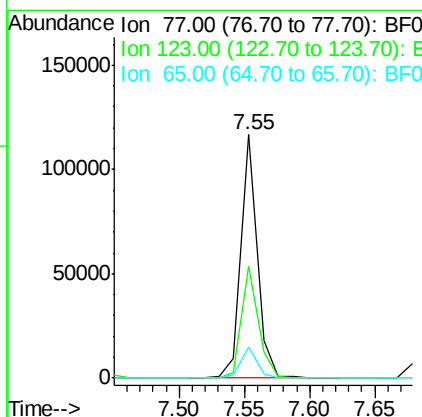
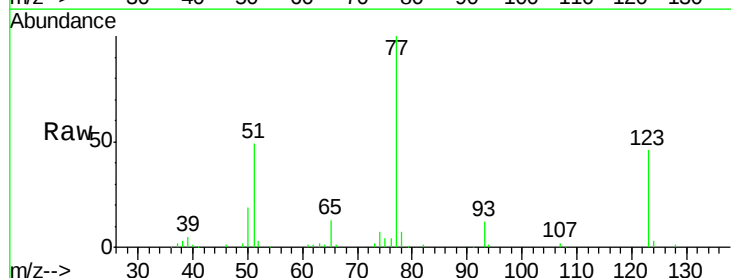
Instrument :
 BNA_F
 ClientSampleId :
 PB82691BS

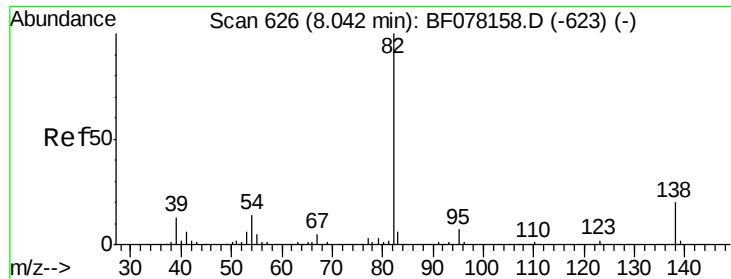
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.4	31.8	47.8
54	49.2	41.5	62.3



#24
 Nitrobenzene
 Concen: 41.88 ng
 RT: 7.55 min Scan# 557
 Delta R.T. -0.01 min
 Lab File: BF078478.D
 Acq: 13 Apr 2015 23:50

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.2	46.9	70.3#
65	12.7	9.5	14.3





#25

Isophorone

Concen: 42.79 ng

RT: 7.86 min Scan# 584

Delta R.T. 0.00 min

Lab File: BF078478.D

Acq: 13 Apr 2015 23:50

Instrument :

BNA_F

ClientSampleId :

PB82691BS

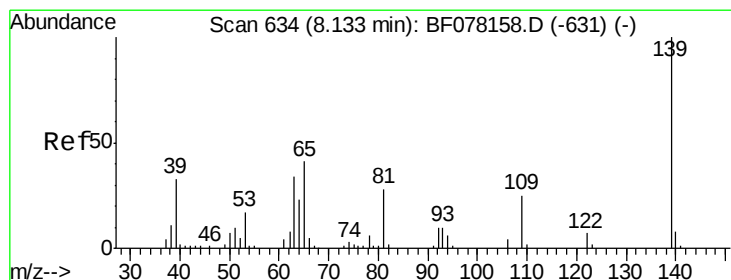
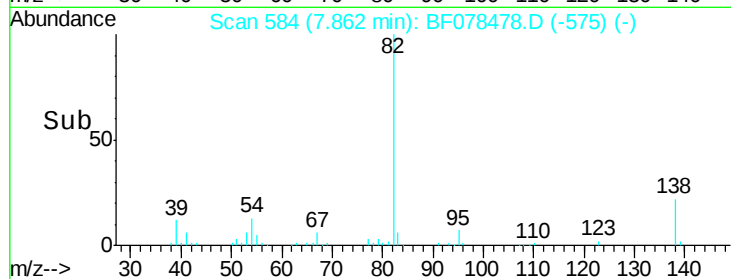
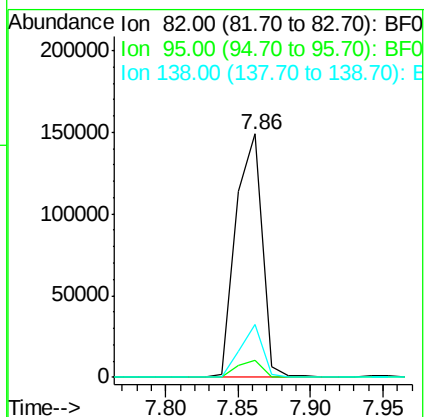
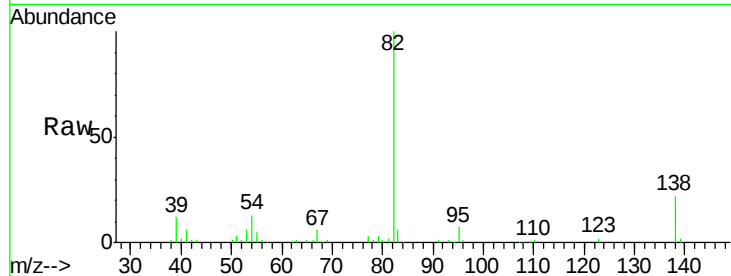
Tgt Ion: 82 Resp: 186892

Ion Ratio Lower Upper

82 100

95 7.0 5.7 8.5

138 21.6 15.8 23.8



#26

2-Nitrophenol

Concen: 41.33 ng

RT: 7.95 min Scan# 592

Delta R.T. 0.00 min

Lab File: BF078478.D

Acq: 13 Apr 2015 23:50

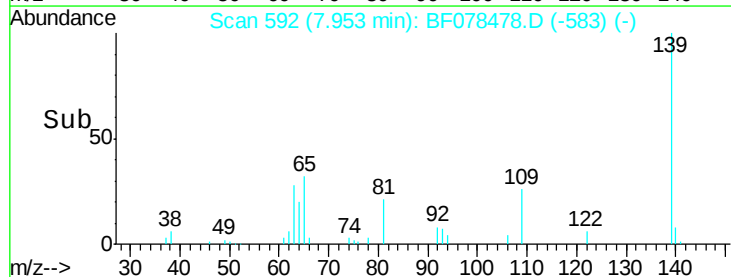
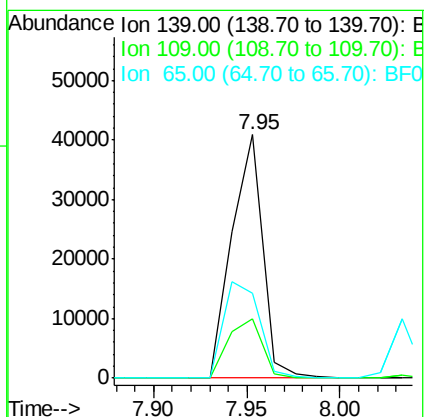
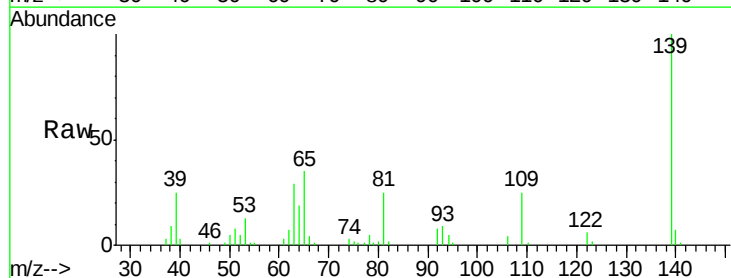
Tgt Ion: 139 Resp: 47379

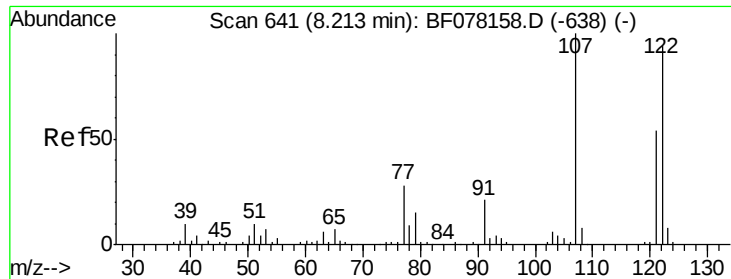
Ion Ratio Lower Upper

139 100

109 24.5 19.8 29.8

65 34.9 32.7 49.1

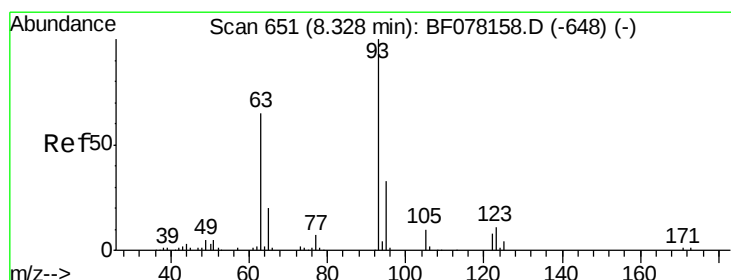
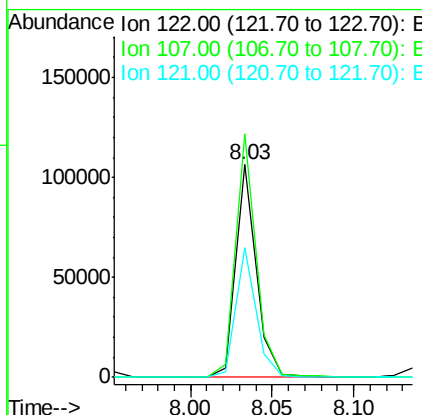
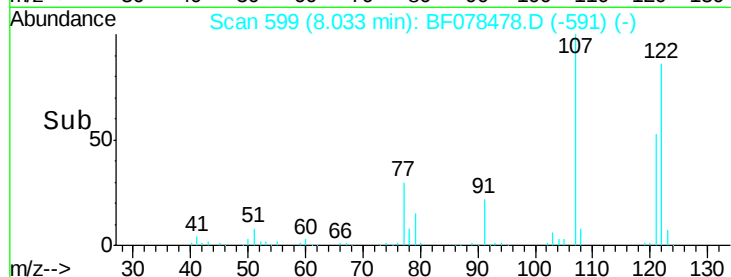
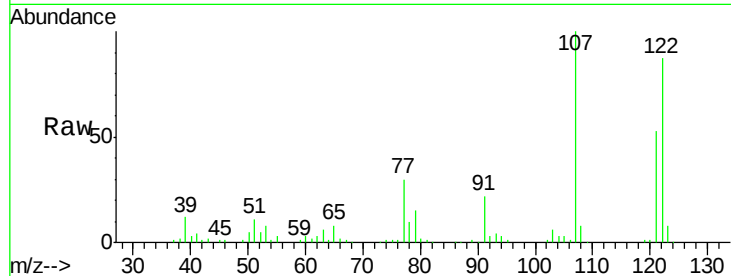




#27
 2,4-Dimethylphenol
 Concen: 43.08 ng
 RT: 8.03 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF078478.D
 Acq: 13 Apr 2015 23:50

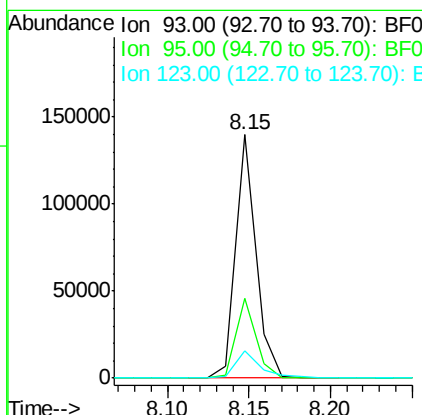
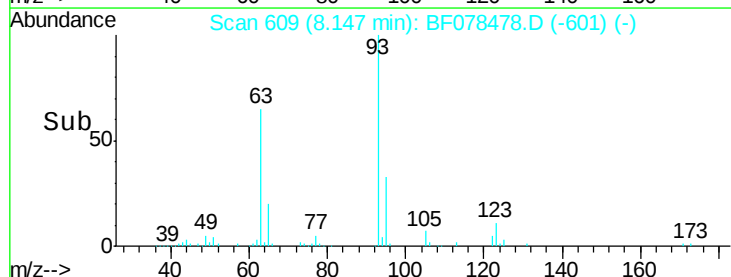
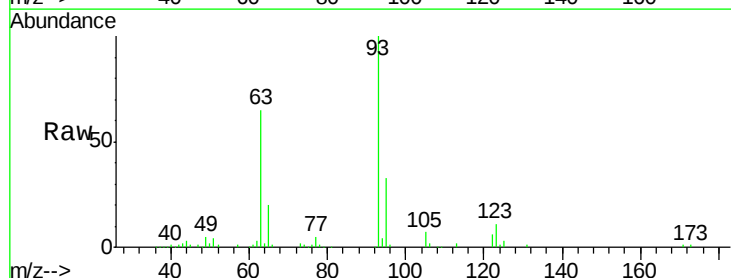
Instrument :
 BNA_F
 ClientSampleId :
 PB82691BS

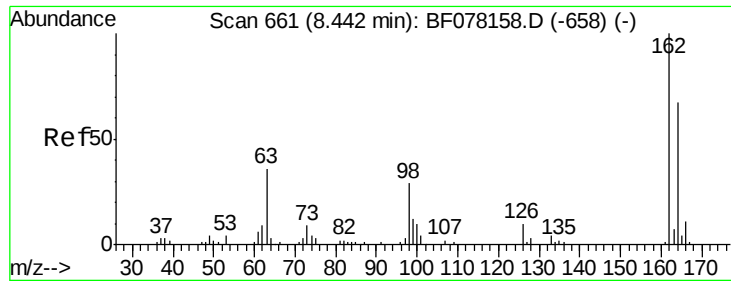
Tgt Ion:122 Resp: 91849
 Ion Ratio Lower Upper
 122 100
 107 114.5 84.6 127.0
 121 60.8 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.46 ng
 RT: 8.15 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF078478.D
 Acq: 13 Apr 2015 23:50

Tgt Ion: 93 Resp: 118906
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.3 39.5
 123 11.2 9.1 13.7

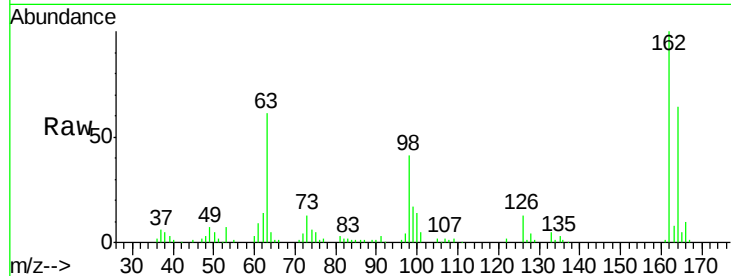




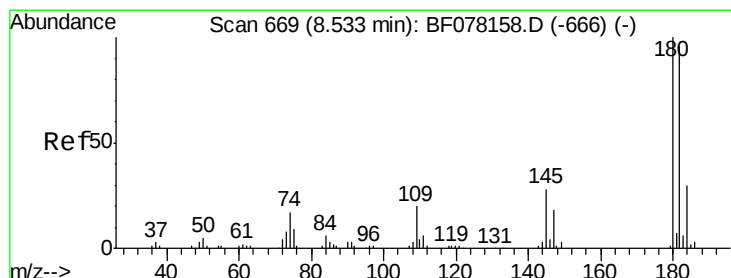
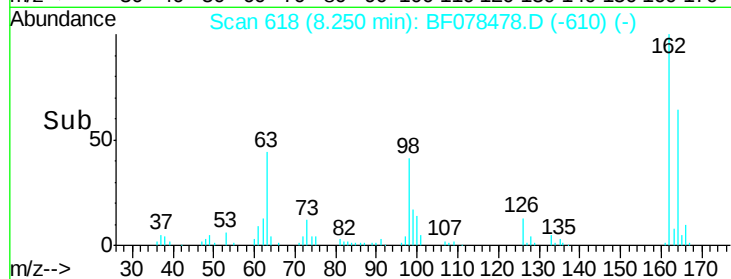
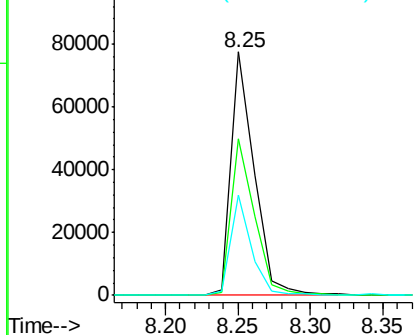
#29
 2,4-Dichlorophenol
 Concen: 44.55 ng
 RT: 8.25 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF078478.D
 Acq: 13 Apr 2015 23:50

Instrument :
 BNA_F
 ClientSampleId :
 PB82691BS

Tgt Ion:162 Resp: 86406
 Ion Ratio Lower Upper
 162 100
 164 64.1 47.0 87.0
 98 41.4 9.2 49.2

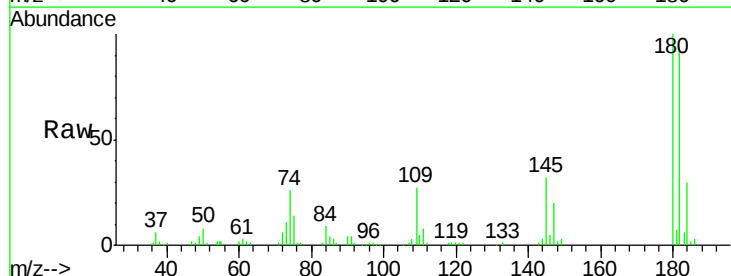


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

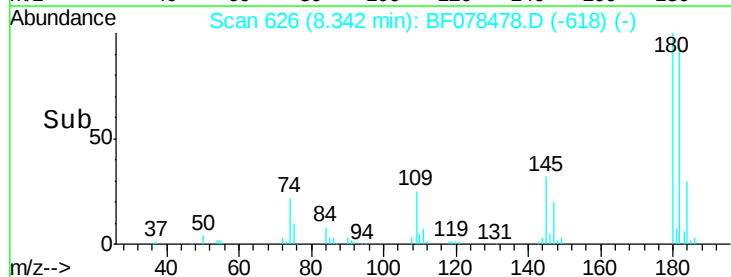
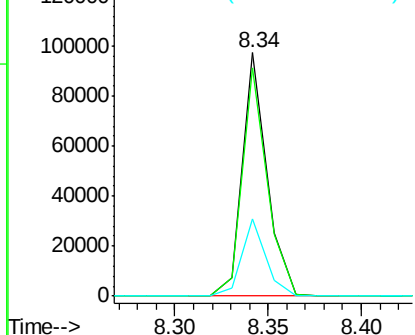


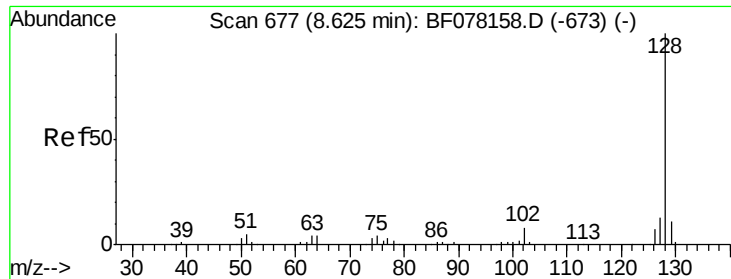
#30
 1,2,4-Trichlorobenzene
 Concen: 40.35 ng
 RT: 8.34 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF078478.D
 Acq: 13 Apr 2015 23:50

Tgt Ion:180 Resp: 89729
 Ion Ratio Lower Upper
 180 100
 182 93.9 76.9 115.3
 145 31.8 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

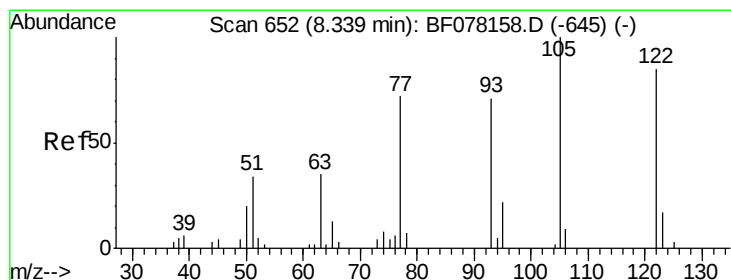
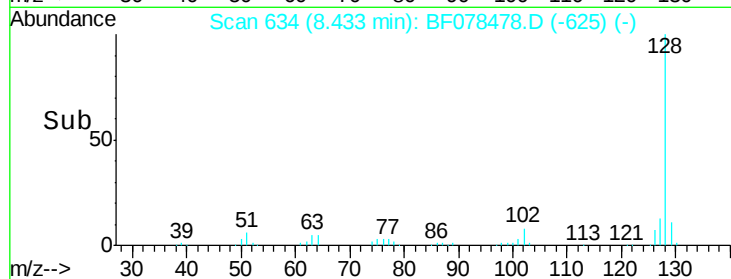
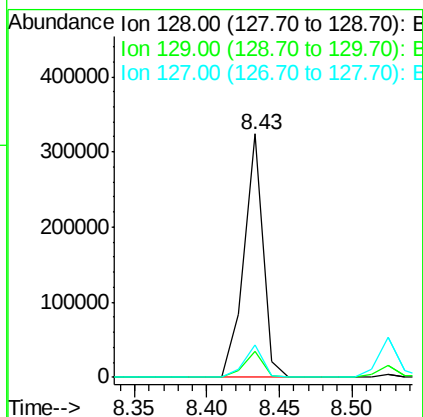
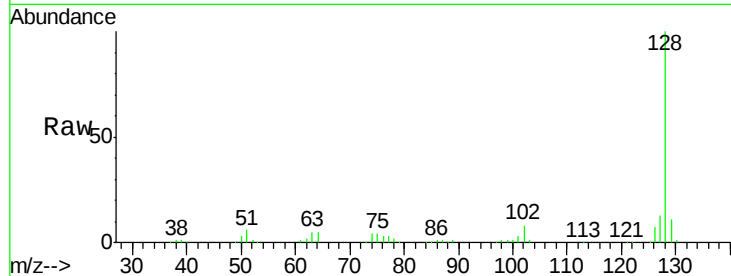




#31
Naphthalene
Concen: 40.74 ng
RT: 8.43 min Scan# 634
Delta R.T. 0.00 min
Lab File: BF078478.D
Acq: 13 Apr 2015 23:50

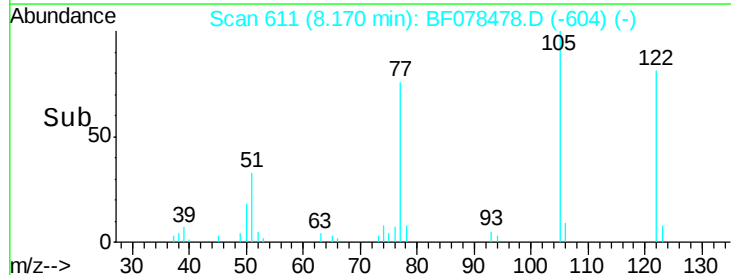
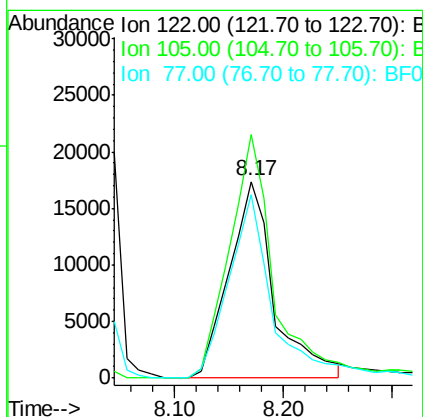
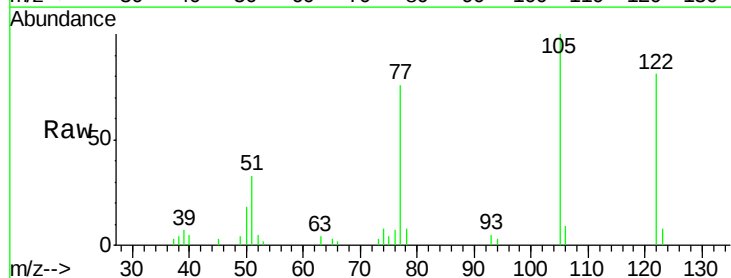
Instrument :
BNA_F
ClientSampleId :
PB82691BS

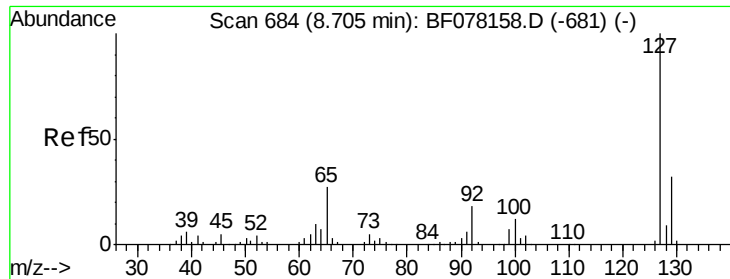
Tgt Ion:128 Resp: 295761
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 13.2 10.7 16.1



#32
Benzoic acid
Concen: 49.78 ng
RT: 8.17 min Scan# 611
Delta R.T. -0.02 min
Lab File: BF078478.D
Acq: 13 Apr 2015 23:50

Tgt Ion:122 Resp: 50154
Ion Ratio Lower Upper
122 100
105 123.7 96.1 136.1
77 93.4 64.1 104.1

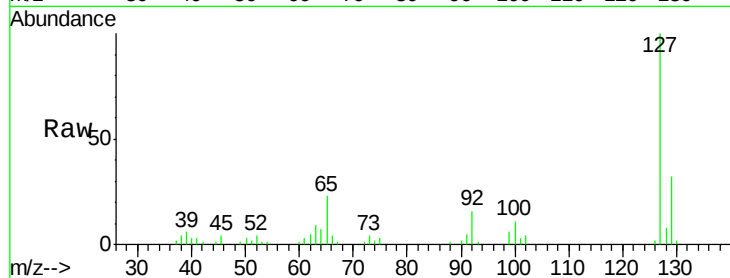




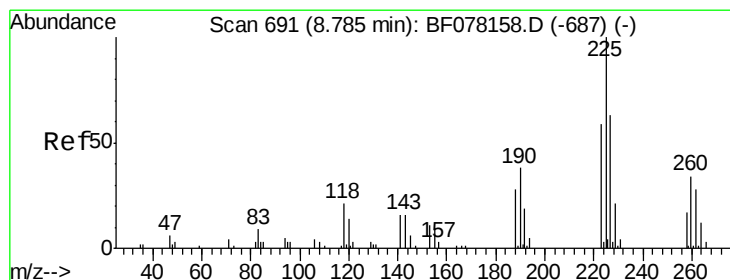
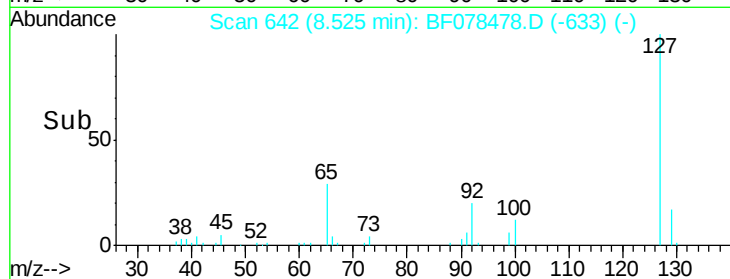
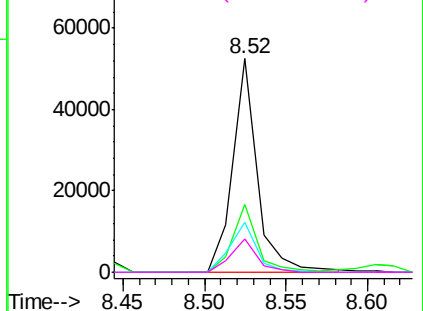
#33
4-Chloroaniline
Concen: 18.13 ng
RT: 8.52 min Scan# 642
Delta R.T. 0.00 min
Lab File: BF078478.D
Acq: 13 Apr 2015 23:50

Instrument :
BNA_F
ClientSampleId :
PB82691BS

Tgt Ion:	127	Resp:	54621
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.5	38.3
65	23.1	21.7	32.5
92	15.8	14.6	21.8

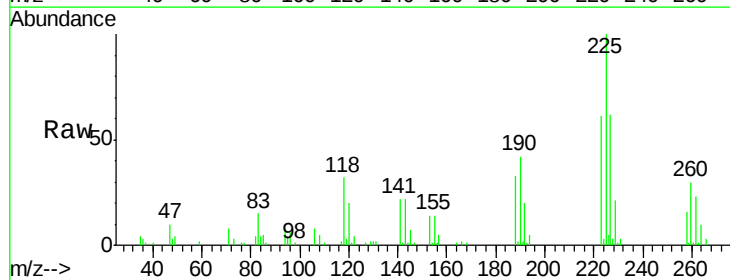


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

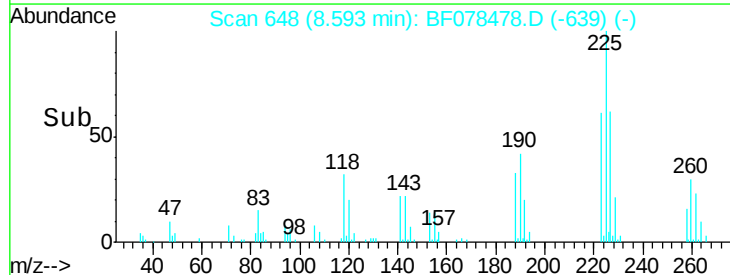
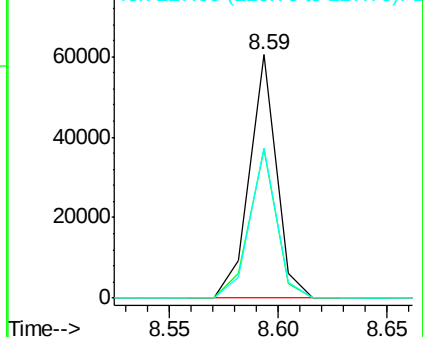


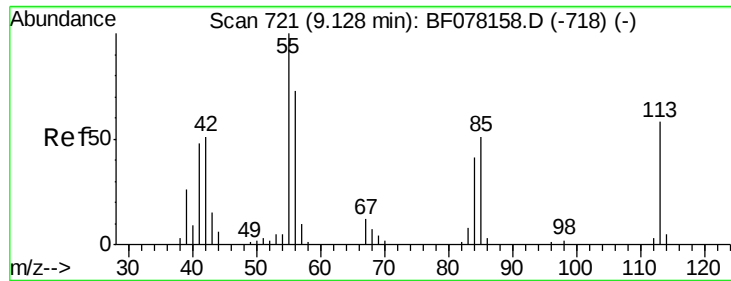
#34
Hexachlorobutadiene
Concen: 42.69 ng
RT: 8.59 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF078478.D
Acq: 13 Apr 2015 23:50

Tgt Ion:	225	Resp:	52124
Ion	Ratio	Lower	Upper
225	100		
223	61.2	47.5	71.3
227	61.9	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

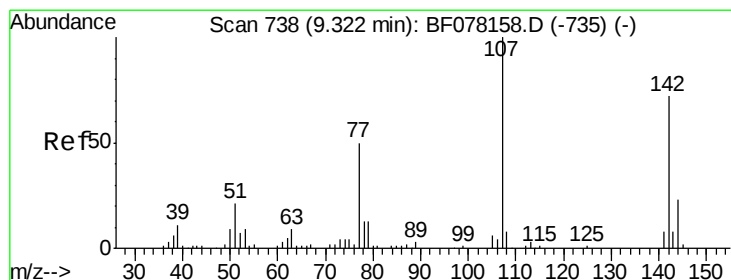
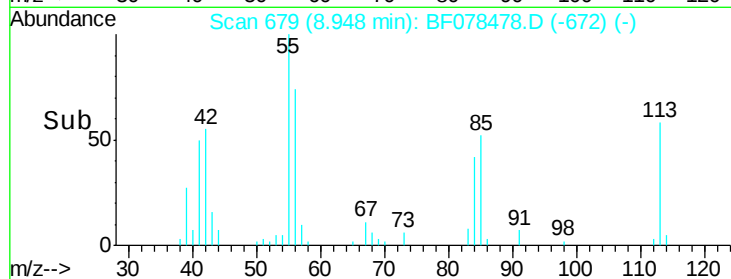
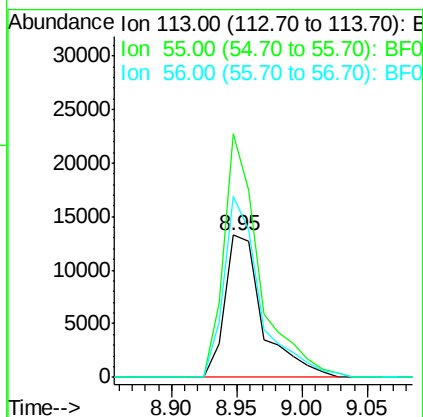
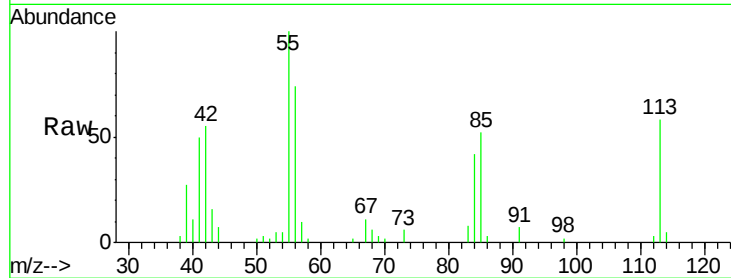




#35
 Caprolactam
 Concen: 46.65 ng
 RT: 8.95 min Scan# 679
 Delta R.T. -0.02 min
 Lab File: BF078478.D
 Acq: 13 Apr 2015 23:50

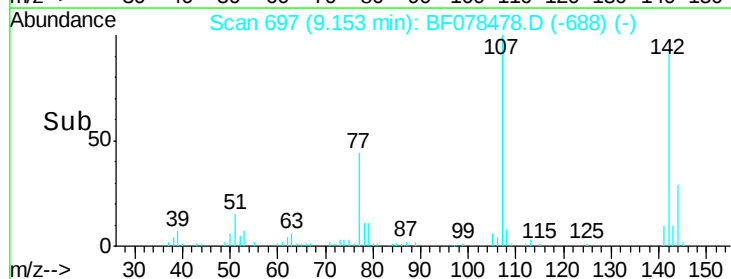
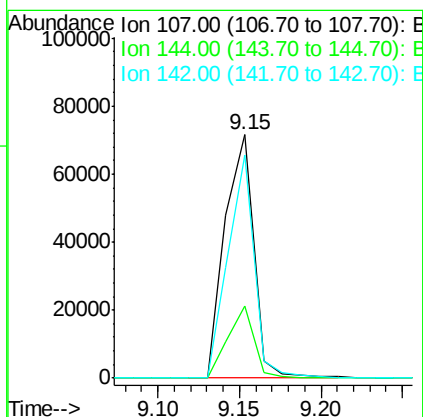
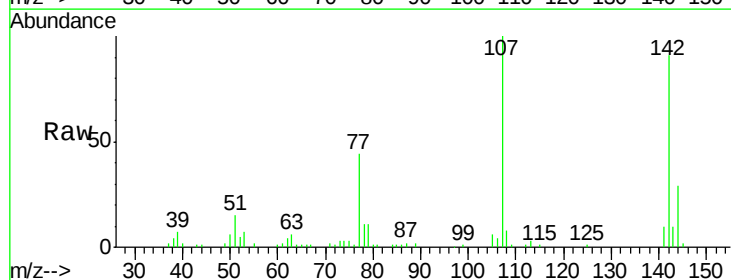
Instrument :
 BNA_F
 ClientSampleId :
 PB82691BS

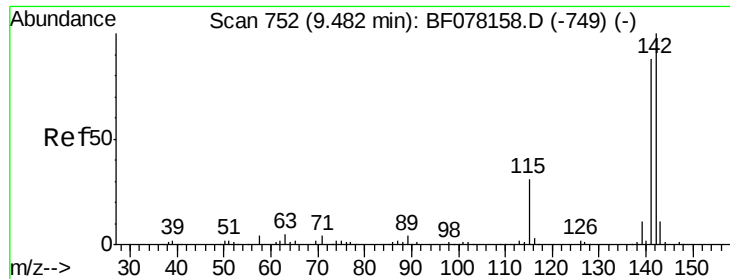
Tgt Ion:113 Resp: 27009
 Ion Ratio Lower Upper
 113 100
 55 171.1 151.9 191.9
 56 126.9 106.1 146.1



#36
 4-Chloro-3-methylphenol
 Concen: 44.81 ng
 RT: 9.15 min Scan# 697
 Delta R.T. 0.00 min
 Lab File: BF078478.D
 Acq: 13 Apr 2015 23:50

Tgt Ion:107 Resp: 87690
 Ion Ratio Lower Upper
 107 100
 144 29.4 18.2 27.2#
 142 91.5 58.0 87.0#

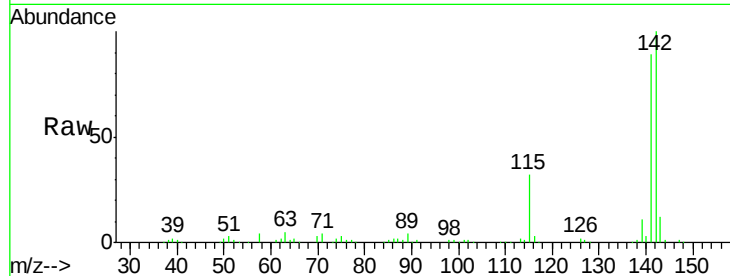




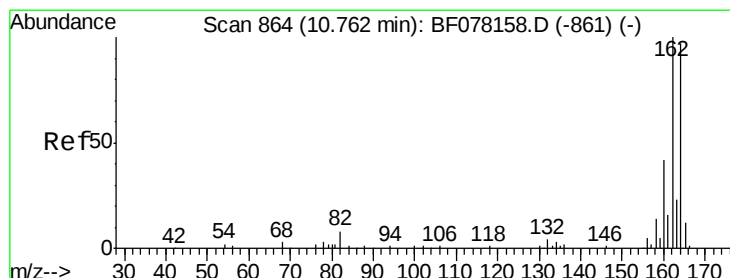
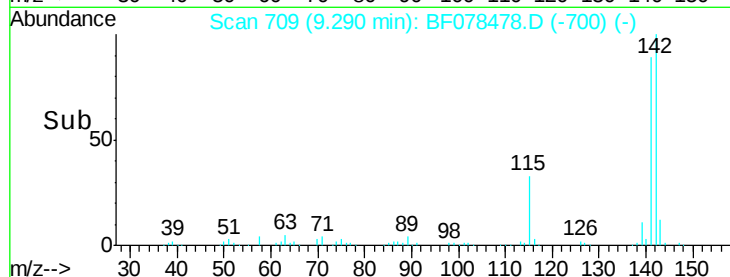
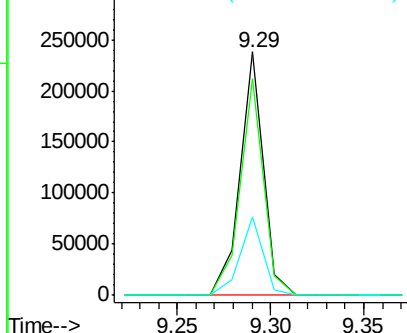
#37
 2-Methylnaphthalene
 Concen: 42.23 ng
 RT: 9.29 min Scan# 709
 Delta R.T. 0.00 min
 Lab File: BF078478.D
 Acq: 13 Apr 2015 23:50

Instrument :
 BNA_F
 ClientSampleId :
 PB82691BS

Tgt Ion:142 Resp: 208157
 Ion Ratio Lower Upper
 142 100
 141 89.0 70.3 105.5
 115 32.4 24.6 37.0

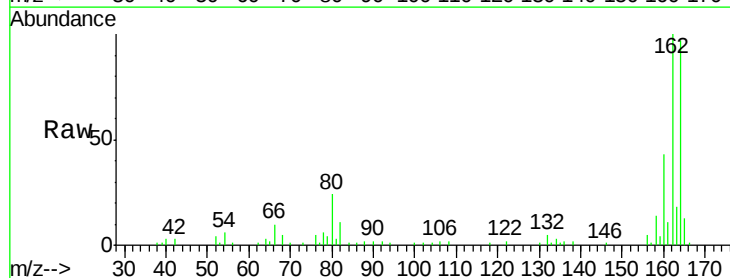


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

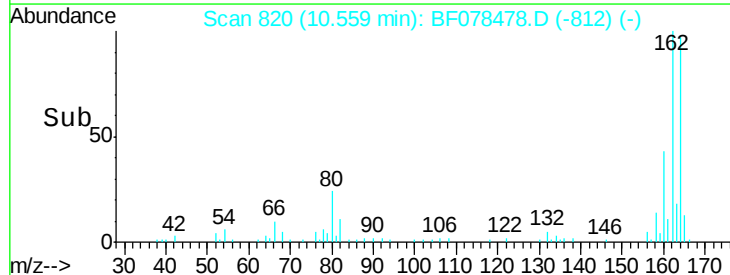
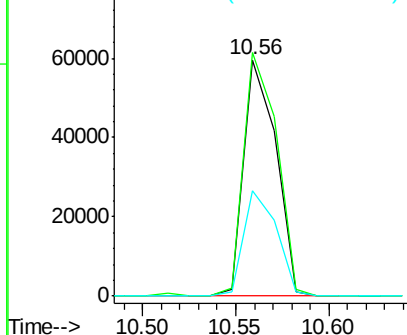


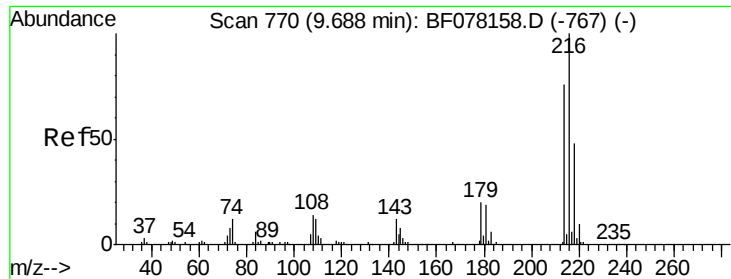
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.56 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF078478.D
 Acq: 13 Apr 2015 23:50

Tgt Ion:164 Resp: 71507
 Ion Ratio Lower Upper
 164 100
 162 103.0 82.2 123.2
 160 44.4 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: 41.14 ng

RT: 9.50 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF078478.D

Acq: 13 Apr 2015 23:50

Instrument :

BNA_F

ClientSampleId :

PB82691BS

Tgt Ion:216 Resp: 91148

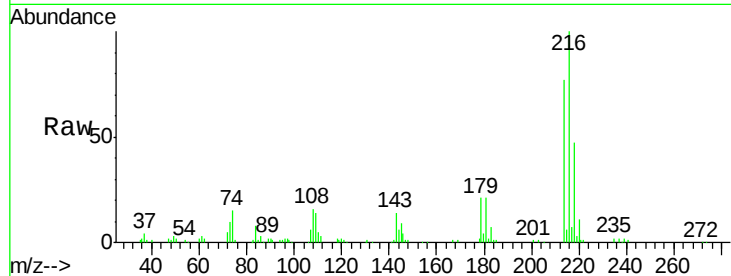
Ion Ratio Lower Upper

216 100

214 78.3 62.0 93.0

179 21.5 17.3 25.9

108 20.1 14.6 21.8

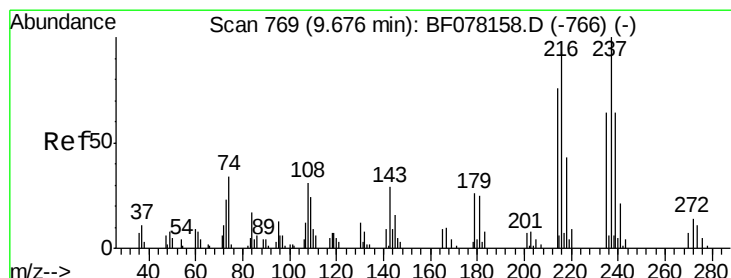
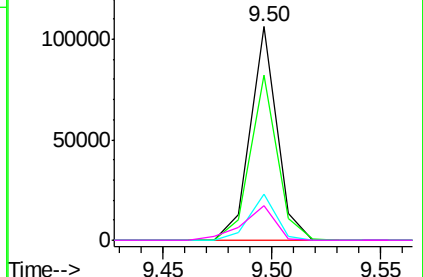
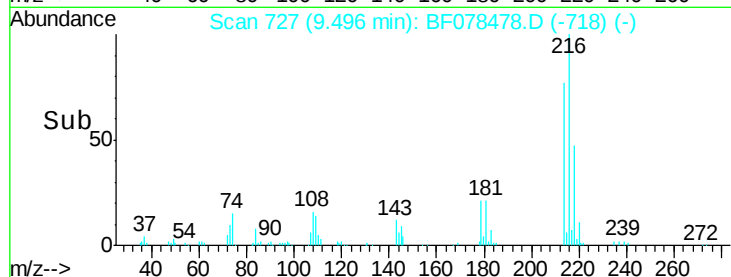


Abundance Ion 216.00 (215.70 to 216.70): E

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: 80.32 ng

RT: 9.48 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF078478.D

Acq: 13 Apr 2015 23:50

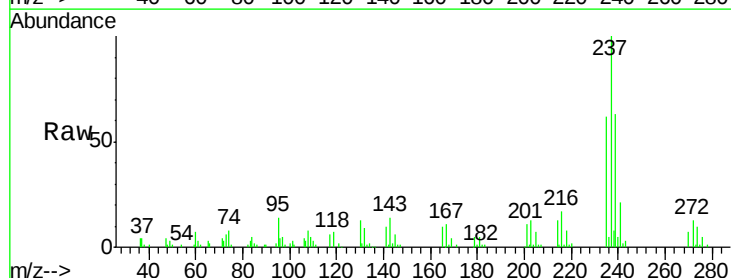
Tgt Ion:237 Resp: 76643

Ion Ratio Lower Upper

237 100

235 62.3 44.1 84.1

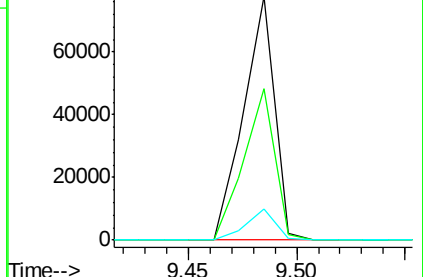
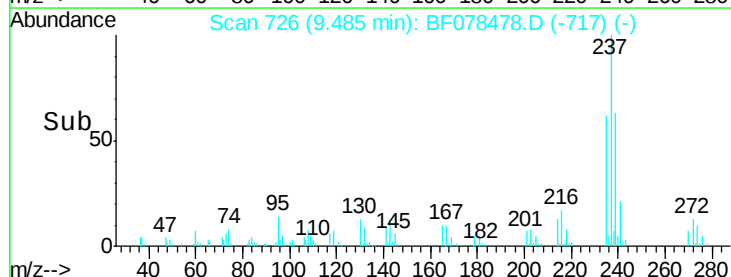
272 13.0 0.0 34.4

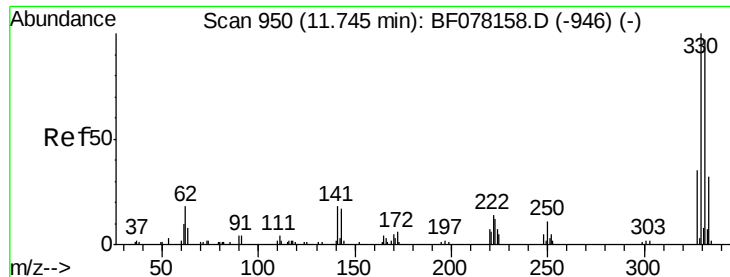


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

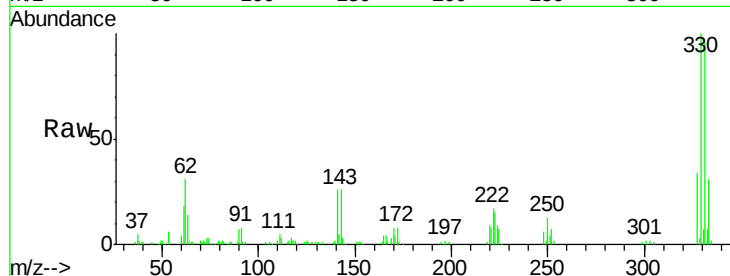




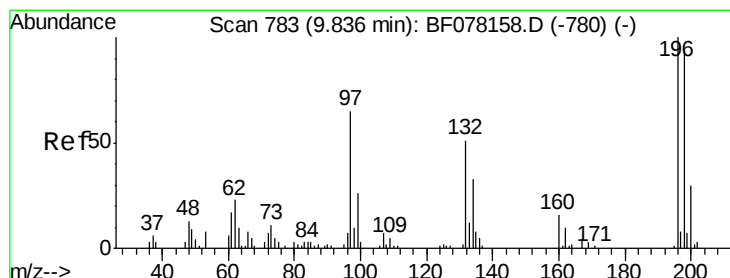
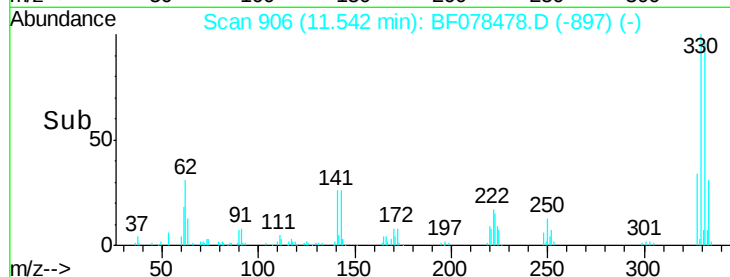
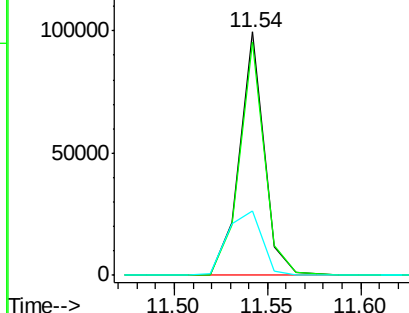
#41
 2,4,6-Tribromophenol
 Concen: 156.39 ng
 RT: 11.54 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF078478.D
 Acq: 13 Apr 2015 23:50

Instrument :
 BNA_F
 ClientSampleId :
 PB82691BS

Tgt Ion:330 Resp: 92749
 Ion Ratio Lower Upper
 330 100
 332 96.4 78.6 117.8
 141 37.0 31.2 46.8

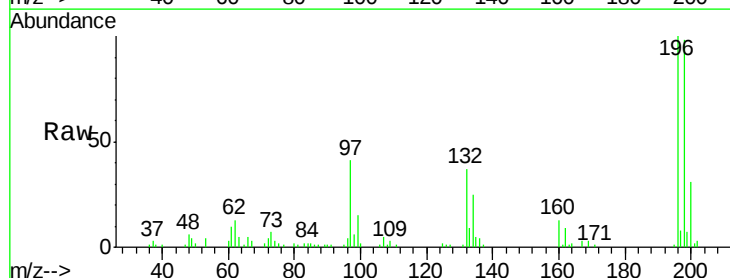


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

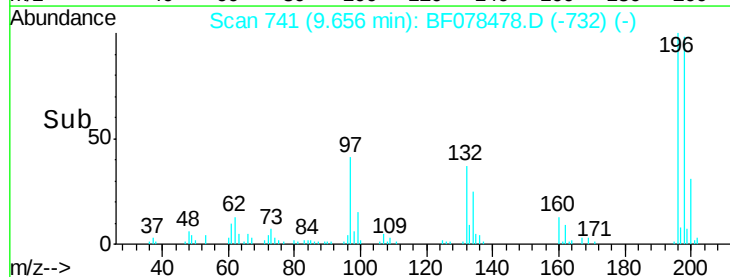
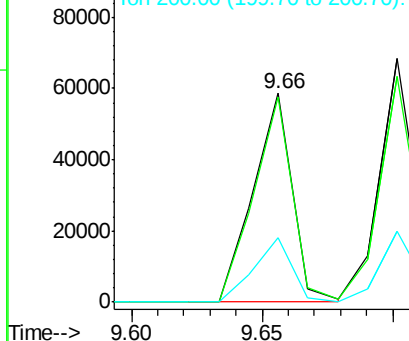


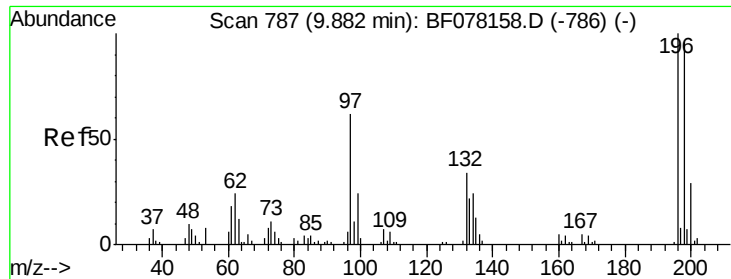
#42
 2,4,6-Trichlorophenol
 Concen: 43.99 ng
 RT: 9.66 min Scan# 741
 Delta R.T. 0.00 min
 Lab File: BF078478.D
 Acq: 13 Apr 2015 23:50

Tgt Ion:196 Resp: 61462
 Ion Ratio Lower Upper
 196 100
 198 98.3 75.4 113.2
 200 30.9 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

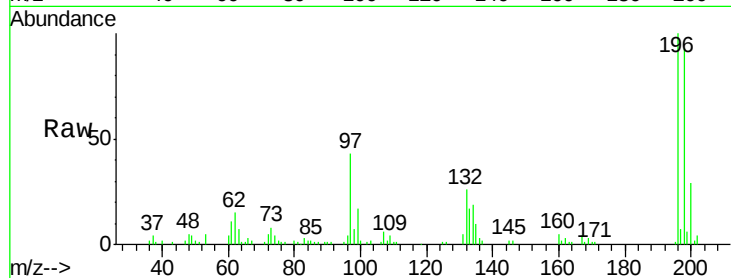




#43
 2,4,5-Trichlorophenol
 Concen: 43.84 ng
 RT: 9.70 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF078478.D
 Acq: 13 Apr 2015 23:50

Instrument :
 BNA_F
 ClientSampleId :
 PB82691BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.0	76.6	115.0
97	42.5	50.6	75.8#
132	26.4	27.7	41.5#



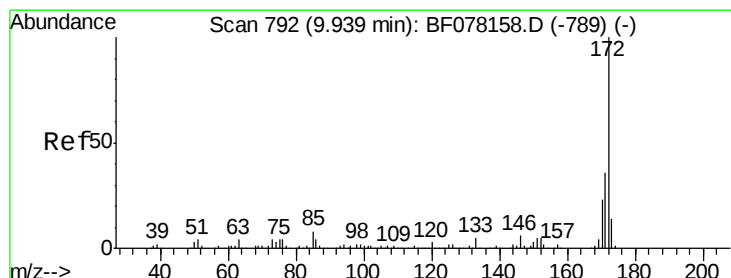
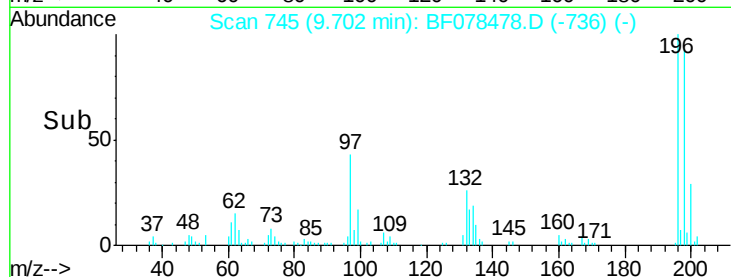
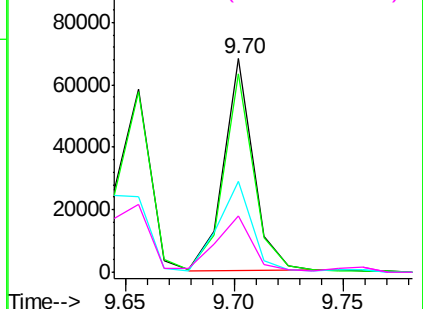
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

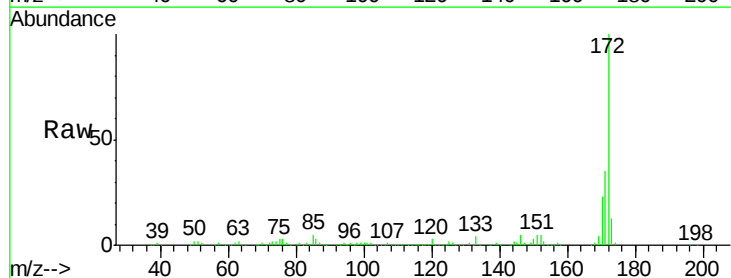
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 92.33 ng
 RT: 9.76 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF078478.D
 Acq: 13 Apr 2015 23:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	42.8
170	23.2	18.5	27.7

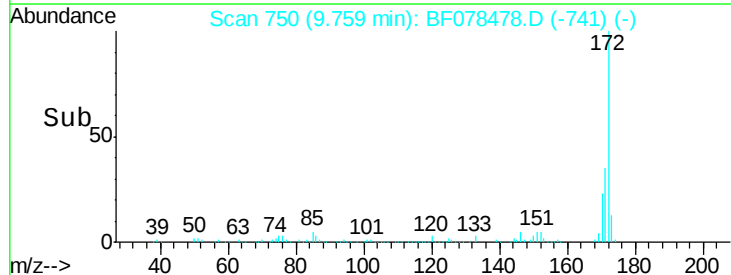
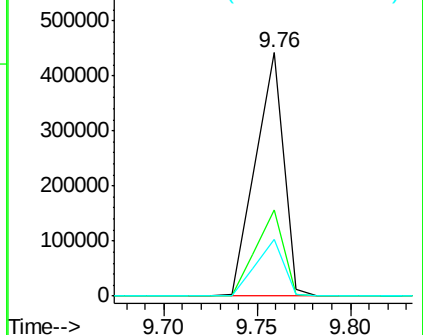


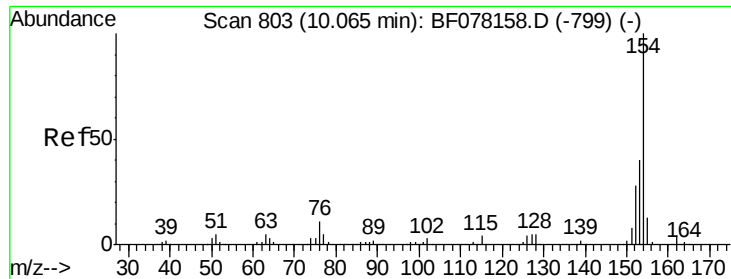
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

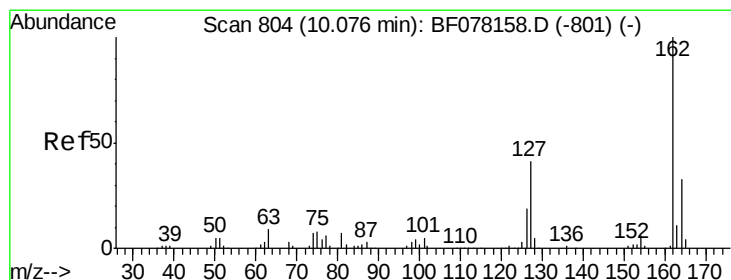
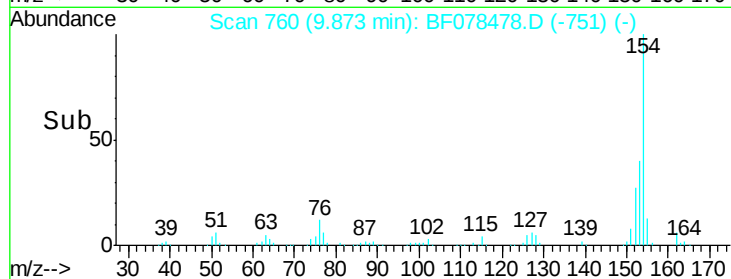
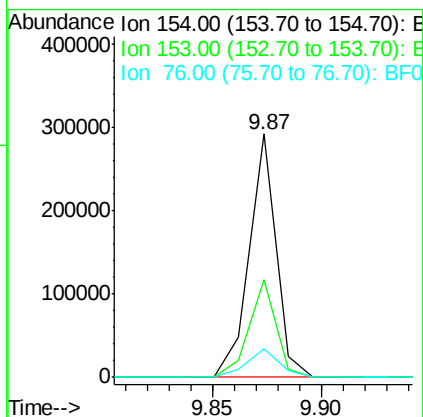
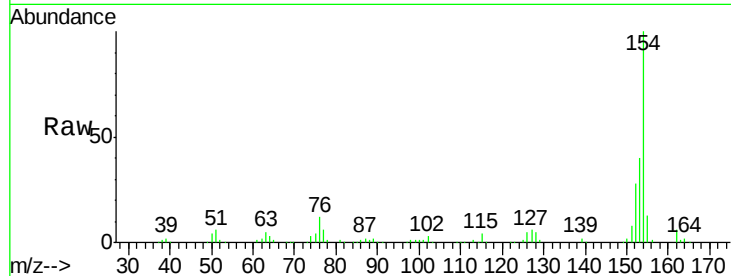




#45
 1,1'-Biphenyl
 Concen: 42.87 ng
 RT: 9.87 min Scan# 760
 Delta R.T. 0.00 min
 Lab File: BF078478.D
 Acq: 13 Apr 2015 23:50

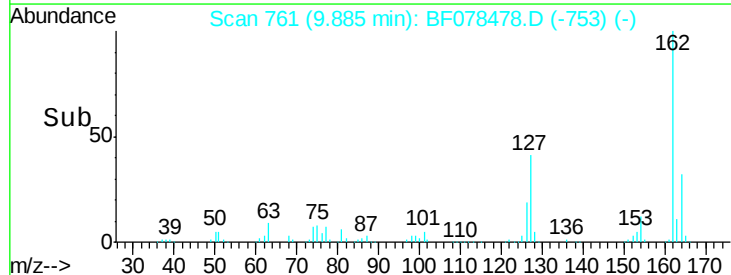
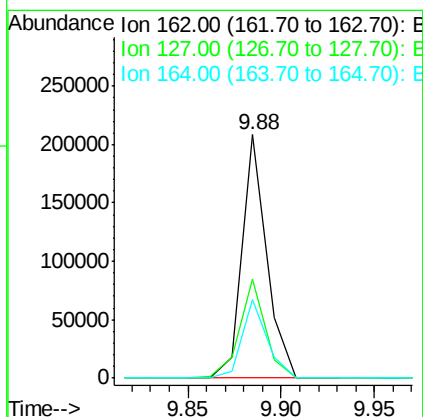
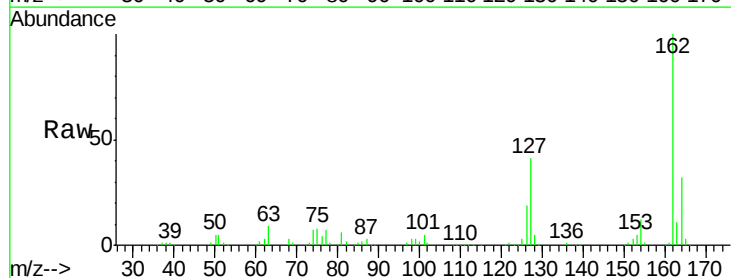
Instrument :
 BNA_F
 ClientSampleId :
 PB82691BS

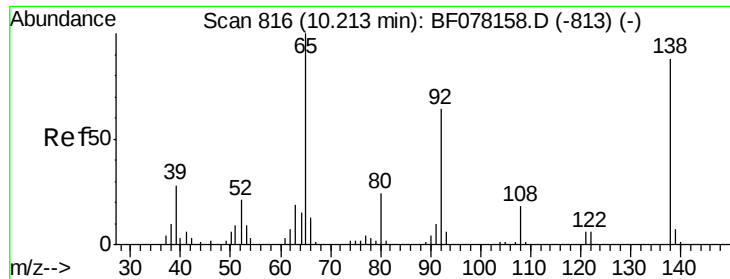
Tgt Ion:	154	Resp:	250776
Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.0	60.0
76	11.5	0.0	30.6



#46
 2-Chloronaphthalene
 Concen: 41.67 ng
 RT: 9.88 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF078478.D
 Acq: 13 Apr 2015 23:50

Tgt Ion:	162	Resp:	191767
Ion	Ratio	Lower	Upper
162	100		
127	40.8	32.6	49.0
164	32.2	26.0	39.0

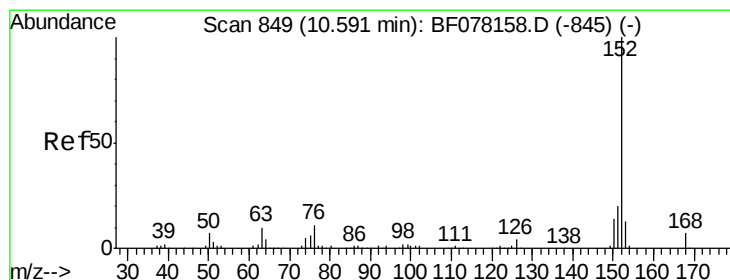
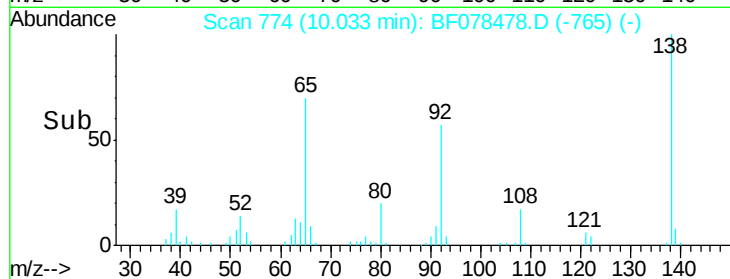
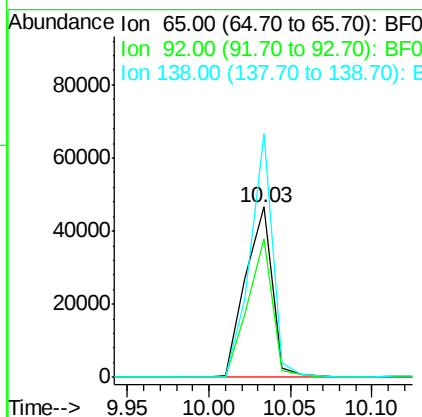
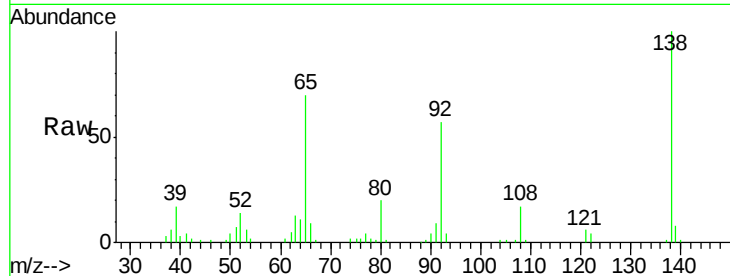




#47
 2-Nitroaniline
 Concen: 46.69 ng
 RT: 10.03 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF078478.D
 Acq: 13 Apr 2015 23:50

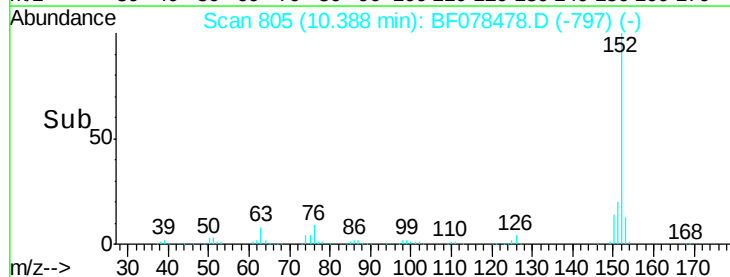
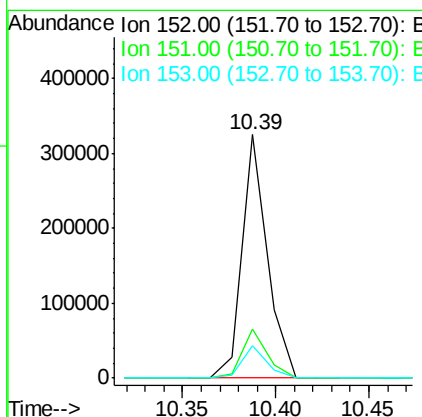
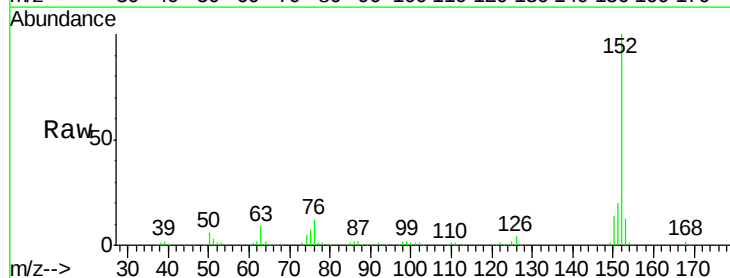
Instrument :
 BNA_F
 ClientSampleId :
 PB82691BS

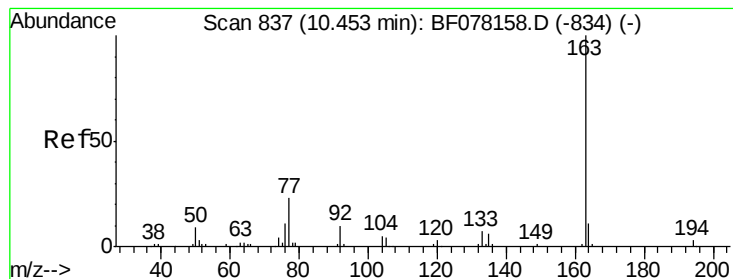
Tgt Ion: 65 Resp: 53159
 Ion Ratio Lower Upper
 65 100
 92 81.2 51.3 76.9#
 138 143.0 70.4 105.6#



#48
 Acenaphthylene
 Concen: 41.21 ng
 RT: 10.39 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF078478.D
 Acq: 13 Apr 2015 23:50

Tgt Ion: 152 Resp: 306218
 Ion Ratio Lower Upper
 152 100
 151 19.9 15.7 23.5
 153 13.4 10.2 15.2





#49

Dimethylphthalate

Concen: 45.58 ng

RT: 10.27 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF078478.D

Acq: 13 Apr 2015 23:50

Instrument :

BNA_F

ClientSampleId :

PB82691BS

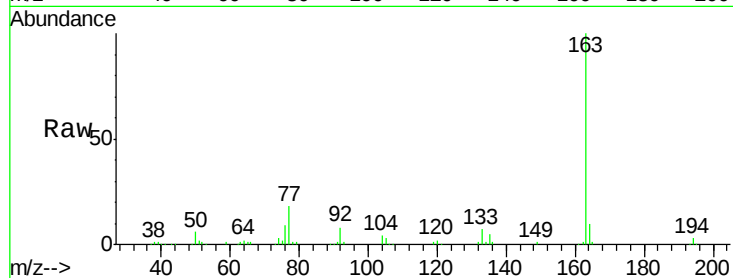
Tgt Ion:163 Resp: 244866

Ion Ratio Lower Upper

163 100

194 3.4 2.3 3.5

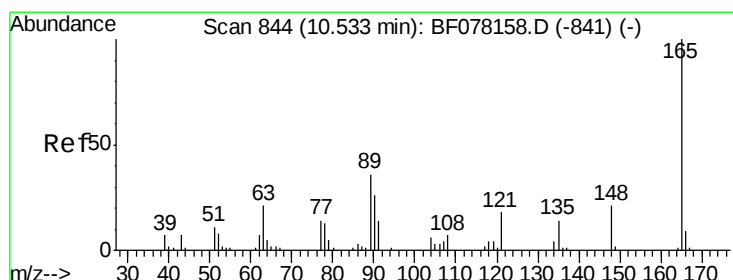
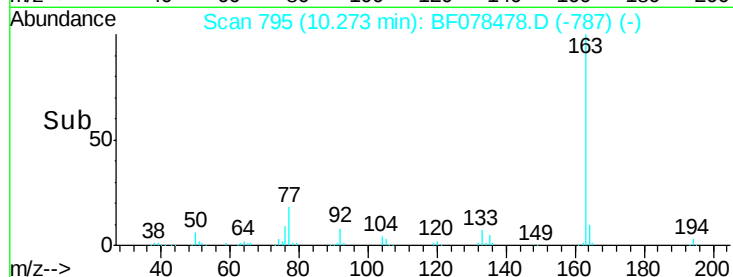
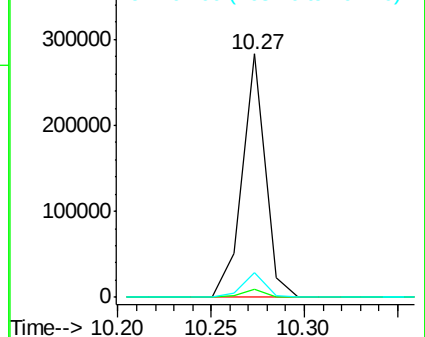
164 10.1 8.6 13.0



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: 47.17 ng

RT: 10.34 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF078478.D

Acq: 13 Apr 2015 23:50

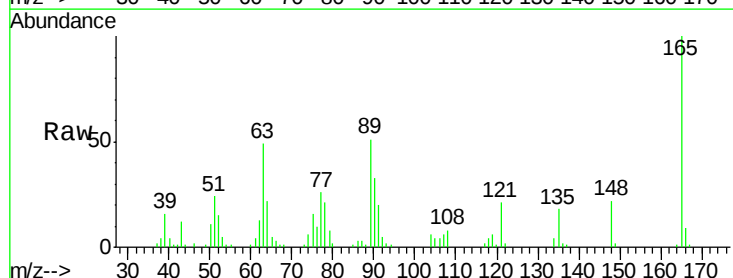
Tgt Ion:165 Resp: 52141

Ion Ratio Lower Upper

165 100

63 48.7 24.1 36.1#

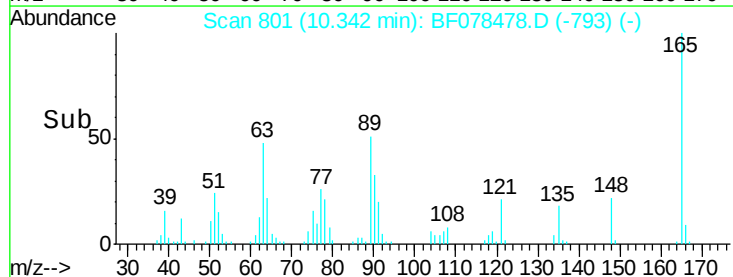
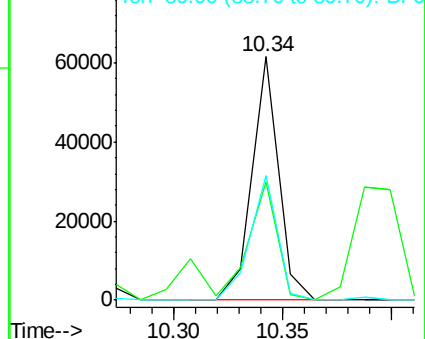
89 50.9 28.9 43.3#

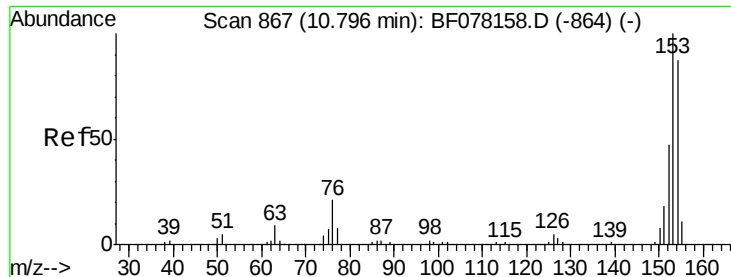


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.59 ng

RT: 10.60 min Scan# 824

Delta R.T. 0.00 min

Lab File: BF078478.D

Acq: 13 Apr 2015 23:50

Instrument :

BNA_F

ClientSampleId :

PB82691BS

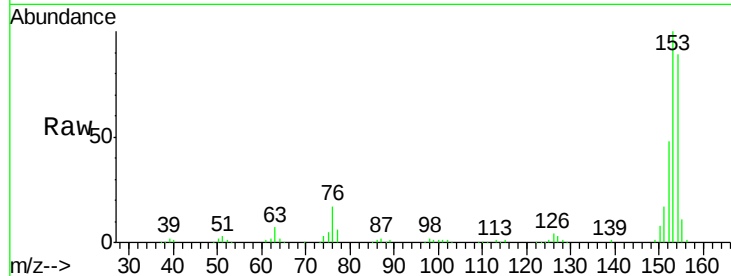
Tgt Ion:154 Resp: 182381

Ion Ratio Lower Upper

154 100

153 112.8 91.4 137.2

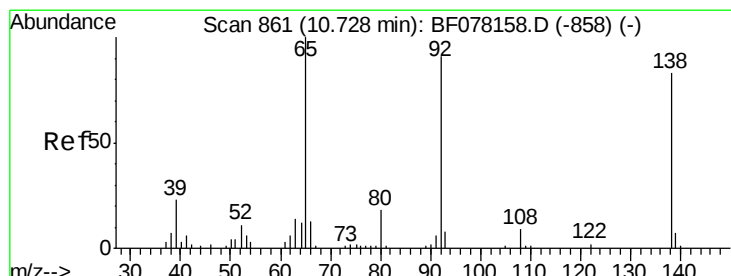
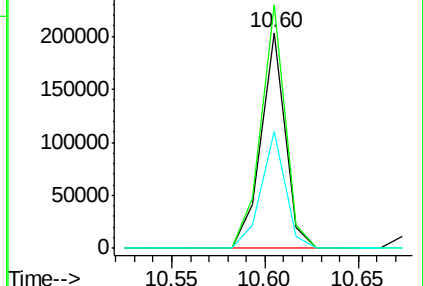
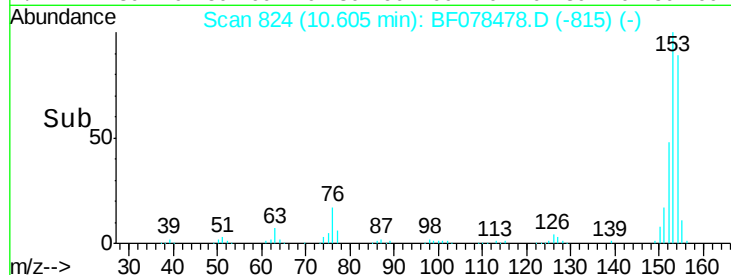
152 54.4 43.0 64.6



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: 25.04 ng

RT: 10.54 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF078478.D

Acq: 13 Apr 2015 23:50

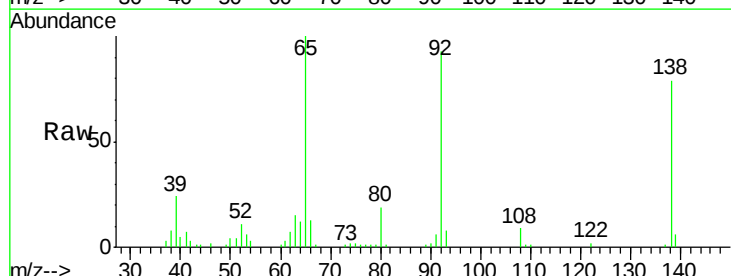
Tgt Ion:138 Resp: 31475

Ion Ratio Lower Upper

138 100

108 11.0 8.2 12.4

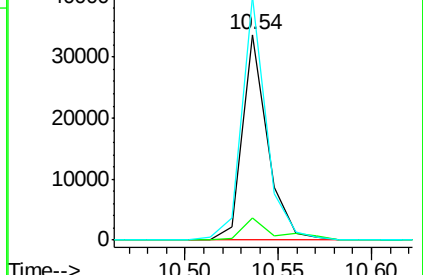
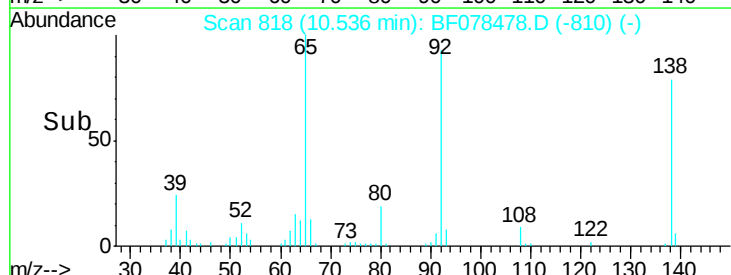
92 118.6 88.4 132.6

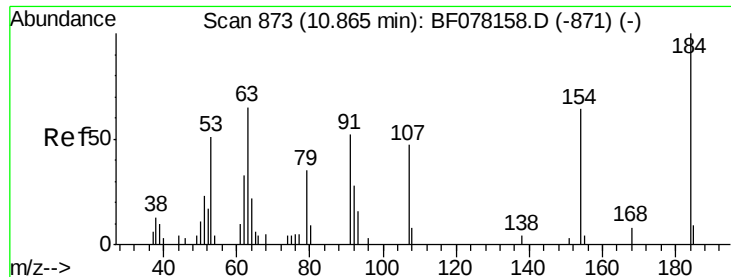


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

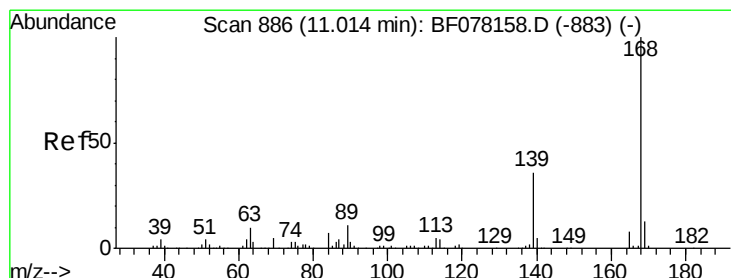
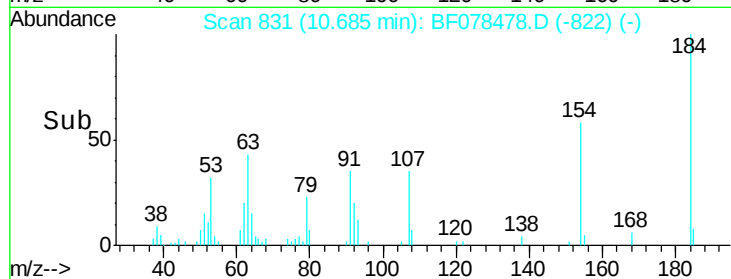
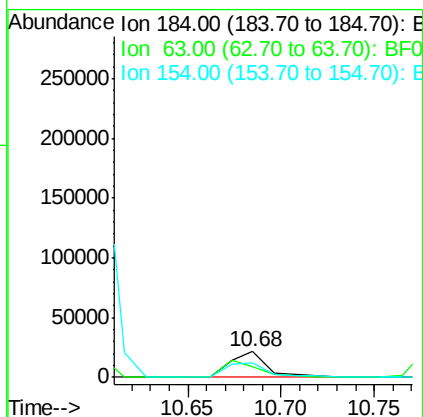
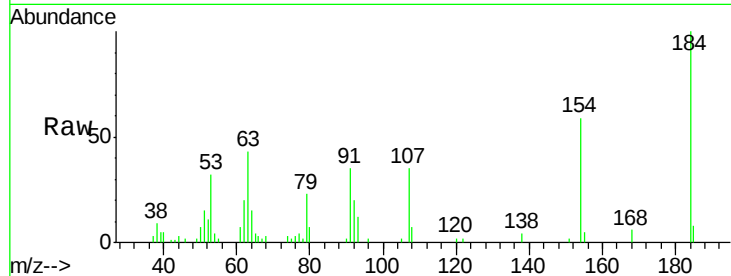




#53
 2,4-Dinitrophenol
 Concen: 72.69 ng
 RT: 10.68 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF078478.D
 Acq: 13 Apr 2015 23:50

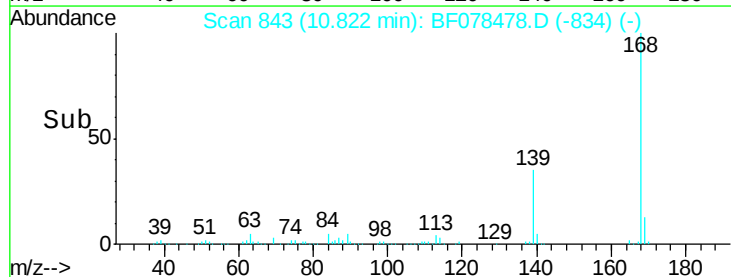
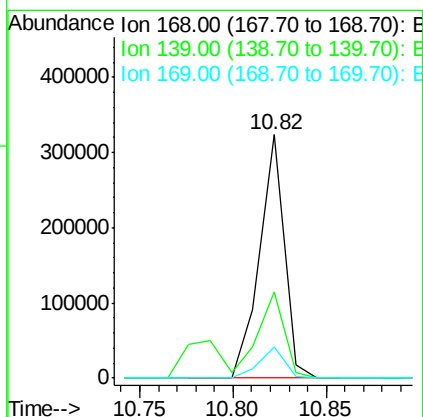
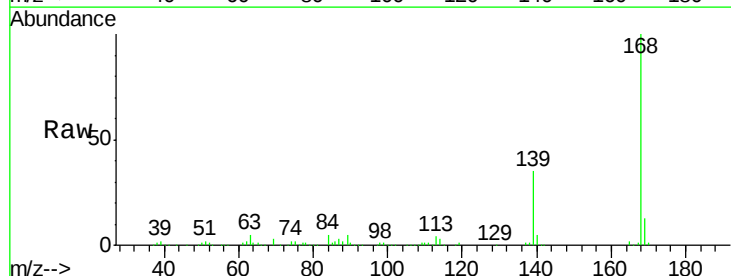
Instrument :
 BNA_F
 ClientSampleId :
 PB82691BS

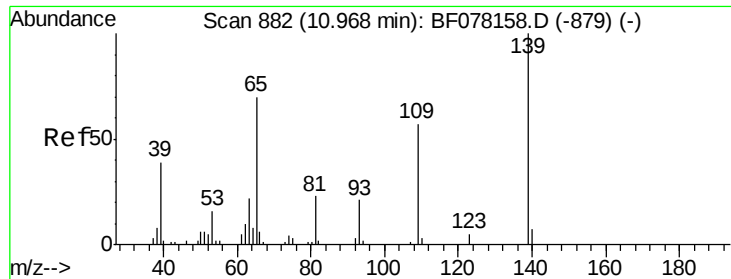
Tgt Ion:184 Resp: 29805
 Ion Ratio Lower Upper
 184 100
 63 43.4 51.9 77.9#
 154 59.2 51.0 76.4



#54
 Dibenzofuran
 Concen: 46.64 ng
 RT: 10.82 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BF078478.D
 Acq: 13 Apr 2015 23:50

Tgt Ion:168 Resp: 298028
 Ion Ratio Lower Upper
 168 100
 139 35.2 31.0 46.4
 169 12.8 10.7 16.1

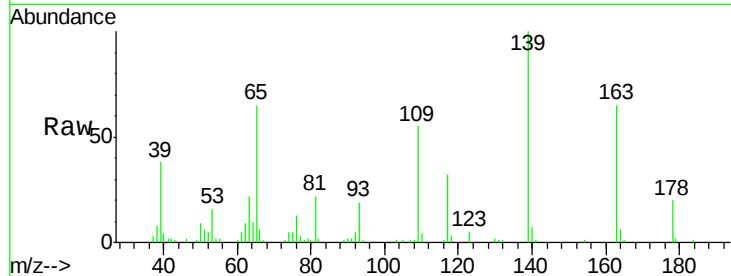




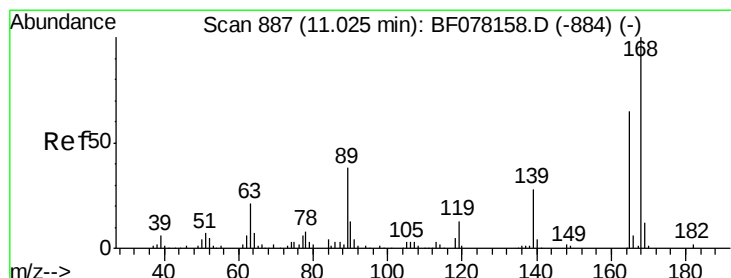
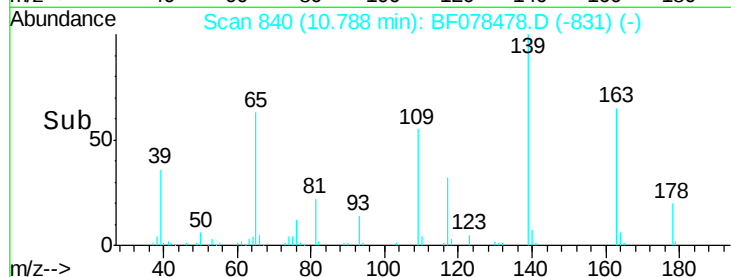
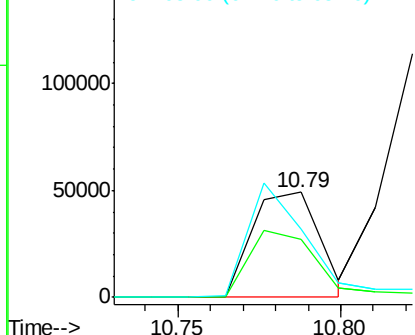
#55
4-Nitrophenol
Concen: 76.32 ng
RT: 10.79 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF078478.D
Acq: 13 Apr 2015 23:50

Instrument :
BNA_F
ClientSampleId :
PB82691BS

Tgt Ion:139 Resp: 70506
Ion Ratio Lower Upper
139 100
109 54.9 36.7 76.7
65 64.9 49.9 89.9



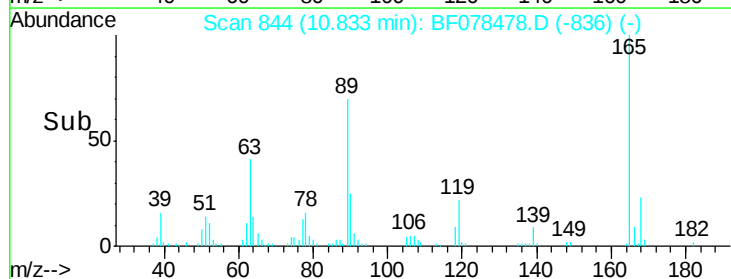
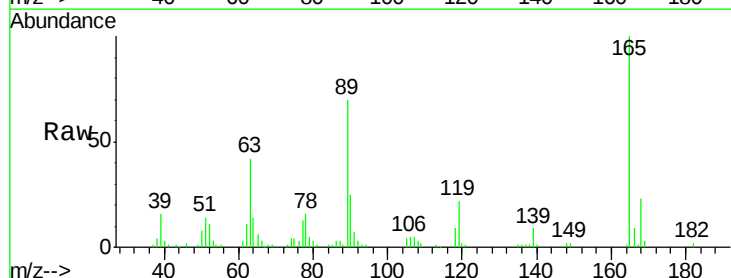
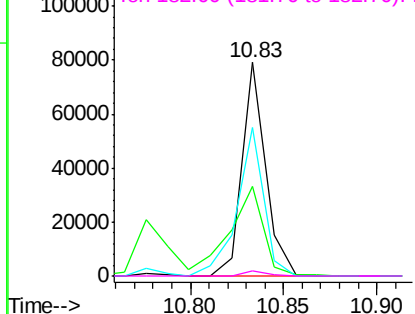
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

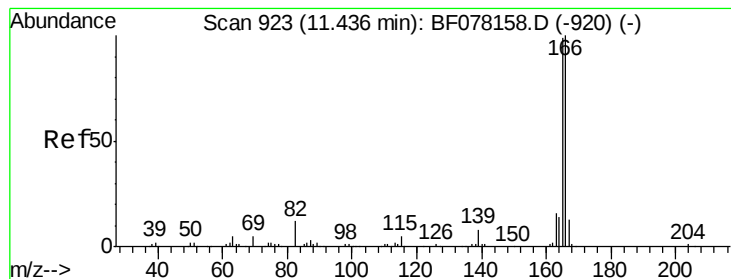


#56
2,4-Dinitrotoluene
Concen: 48.66 ng
RT: 10.83 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF078478.D
Acq: 13 Apr 2015 23:50

Tgt Ion:165 Resp: 69654
Ion Ratio Lower Upper
165 100
63 41.9 26.5 39.7#
89 69.5 46.4 69.6
182 2.3 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: 46.17 ng

RT: 11.24 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF078478.D

Acq: 13 Apr 2015 23:50

Instrument :

BNA_F

ClientSampleID :

PB82691BS

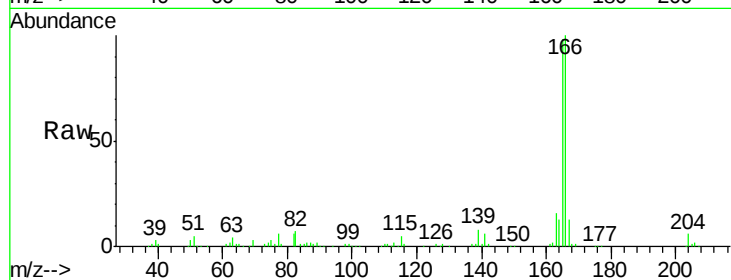
Tgt Ion:166 Resp: 239137

Ion Ratio Lower Upper

166 100

165 97.5 78.9 118.3

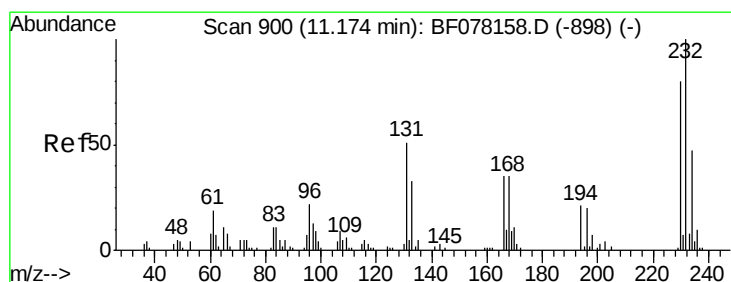
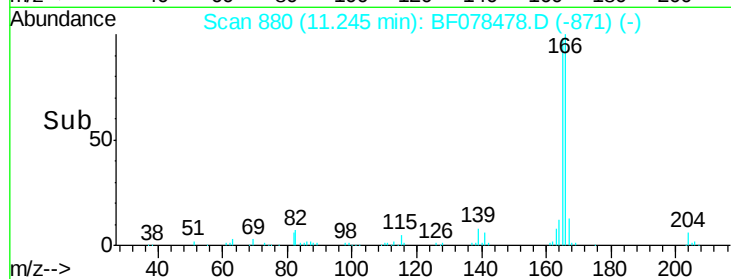
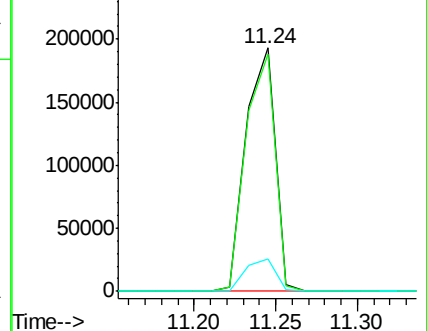
167 13.1 10.7 16.1



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: 47.89 ng

RT: 10.98 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF078478.D

Acq: 13 Apr 2015 23:50

Tgt Ion:232 Resp: 51830

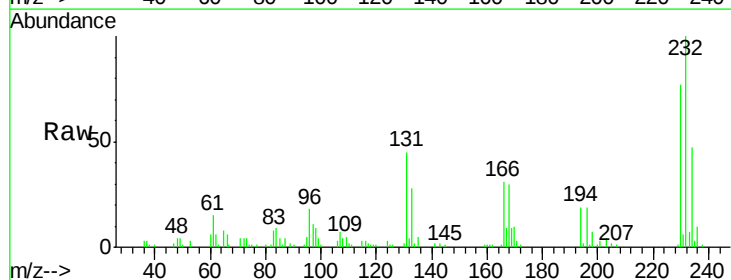
Ion Ratio Lower Upper

232 100

131 47.2 37.8 56.8

130 2.0 1.5 2.3

166 33.2 25.8 38.6

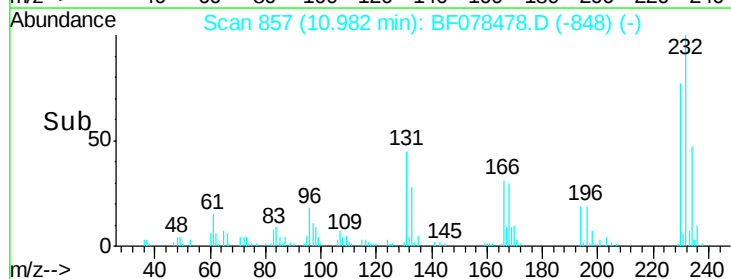
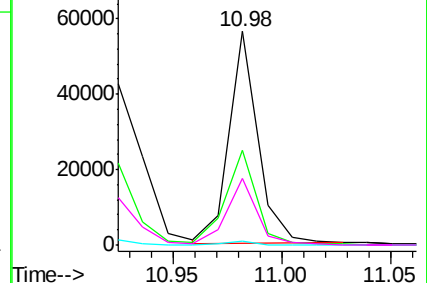


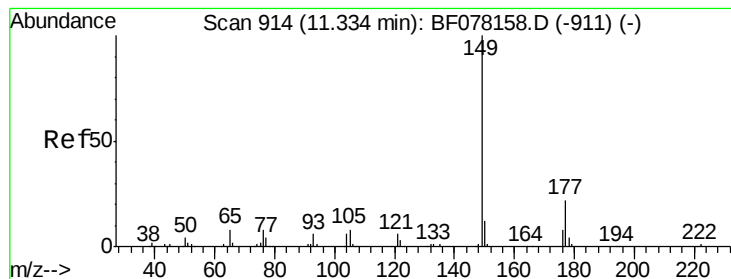
Abundance Ion 232.00 (231.70 to 232.70): E

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: 45.63 ng

RT: 11.14 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF078478.D

Acq: 13 Apr 2015 23:50

Instrument :

BNA_F

ClientSampleId :

PB82691BS

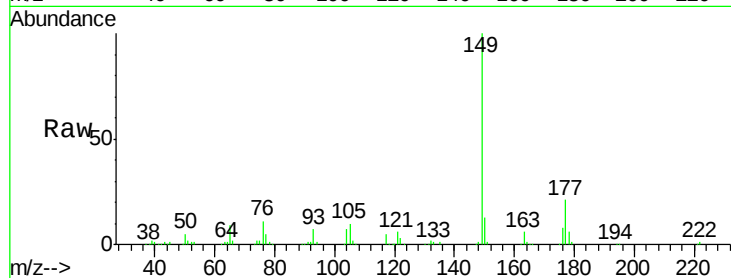
Tgt Ion:149 Resp: 236357

Ion Ratio Lower Upper

149 100

177 20.8 17.4 26.2

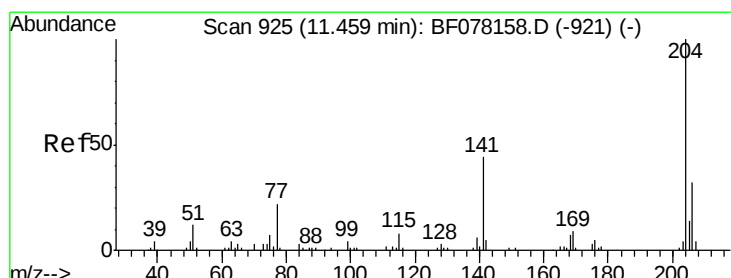
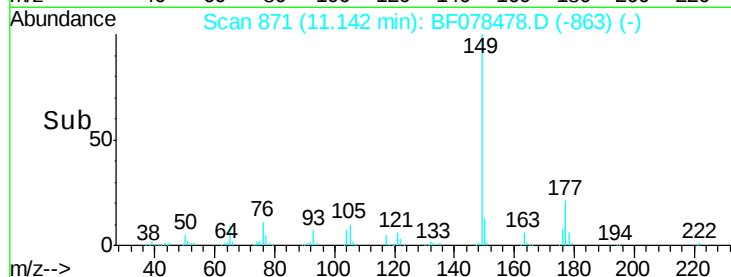
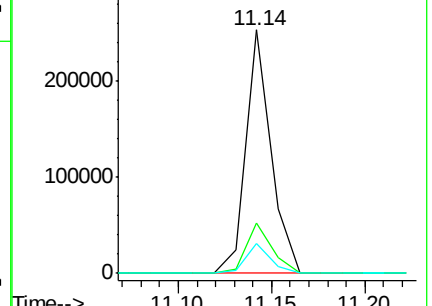
150 12.5 9.4 14.2



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: 45.88 ng

RT: 11.26 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF078478.D

Acq: 13 Apr 2015 23:50

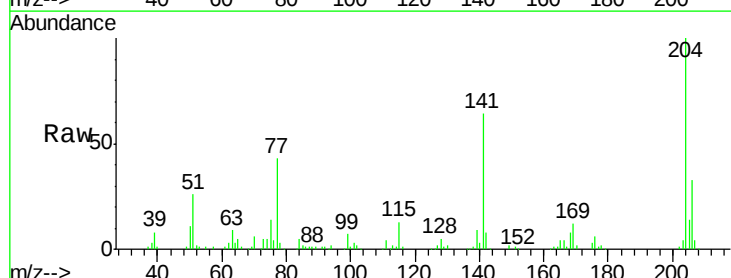
Tgt Ion:204 Resp: 109334

Ion Ratio Lower Upper

204 100

206 32.7 25.6 38.4

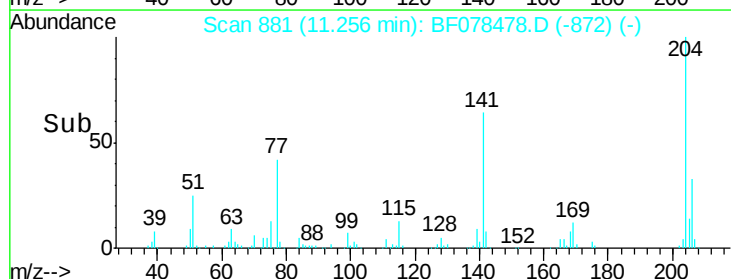
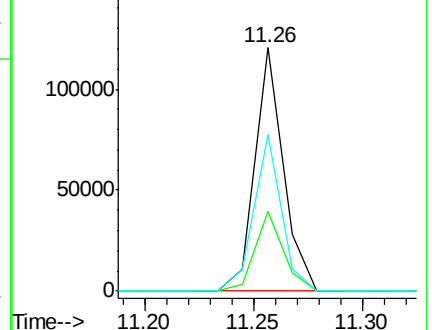
141 64.3 35.4 53.0#

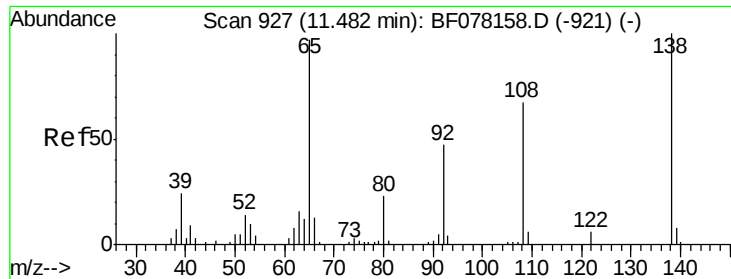


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

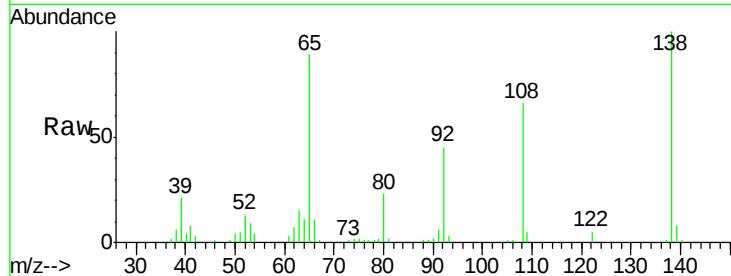




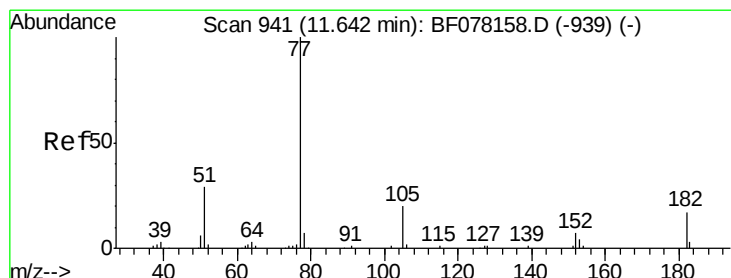
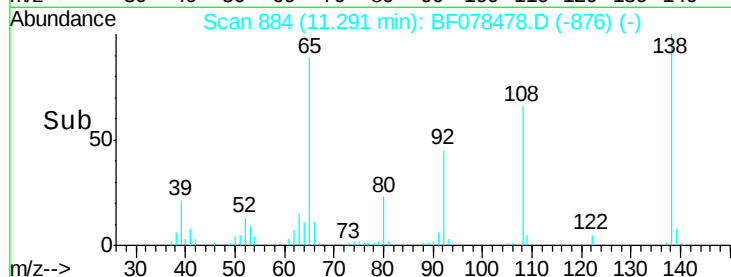
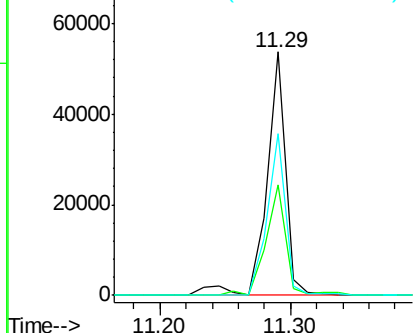
#61
4-Nitroaniline
Concen: 43.02 ng
RT: 11.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF078478.D
Acq: 13 Apr 2015 23:50

Instrument :
BNA_F
ClientSampleId :
PB82691BS

Tgt Ion:138 Resp: 54649
Ion Ratio Lower Upper
138 100
92 45.1 27.3 67.3
108 66.4 47.2 87.2

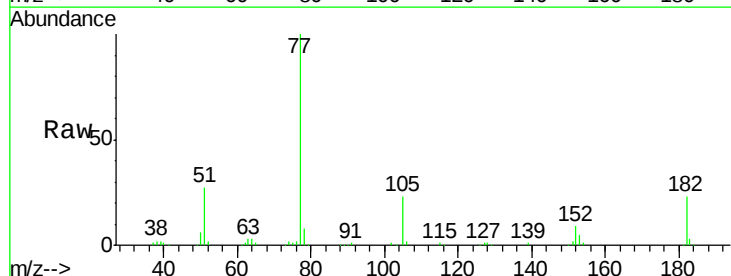


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

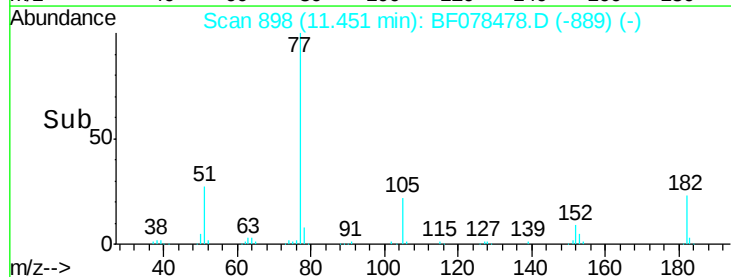
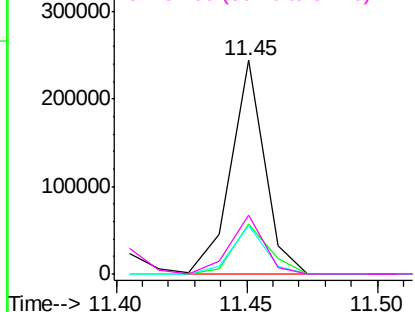


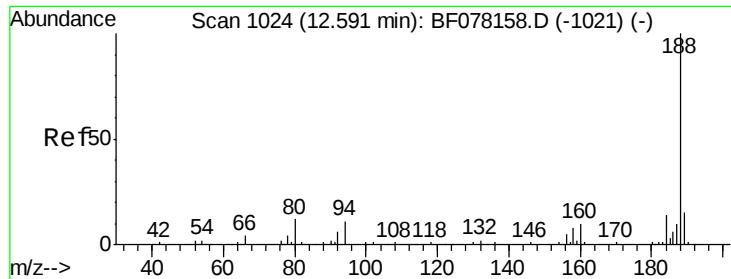
#62
Azobenzene
Concen: 46.89 ng
RT: 11.45 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF078478.D
Acq: 13 Apr 2015 23:50

Tgt Ion: 77 Resp: 221670
Ion Ratio Lower Upper
77 100
182 23.2 0.0 36.8
105 22.7 0.3 40.3
51 27.4 9.1 49.1



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

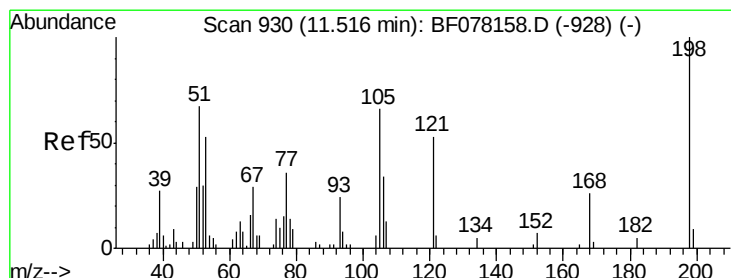
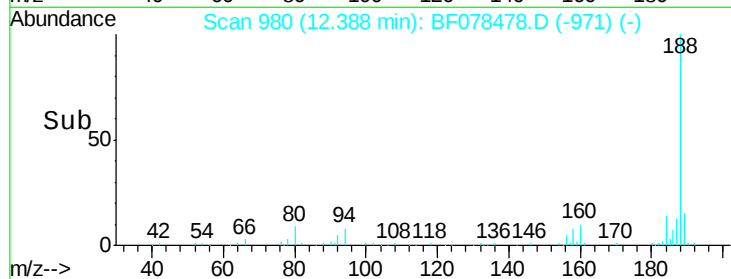
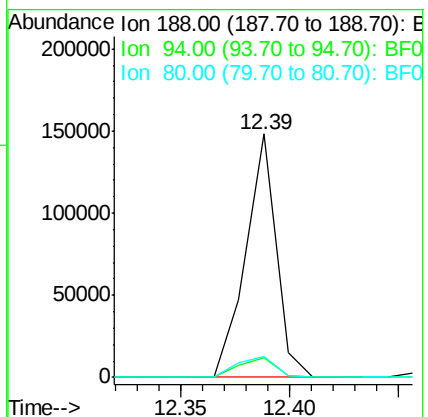
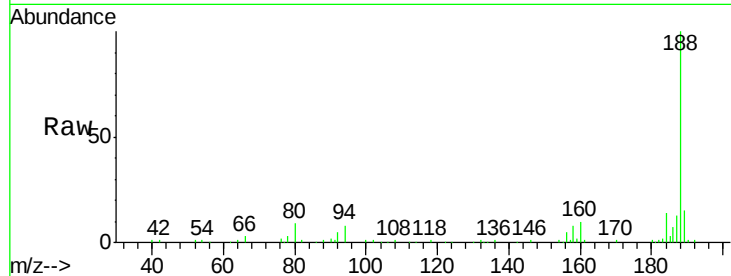




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.39 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BF078478.D
 Acq: 13 Apr 2015 23:50

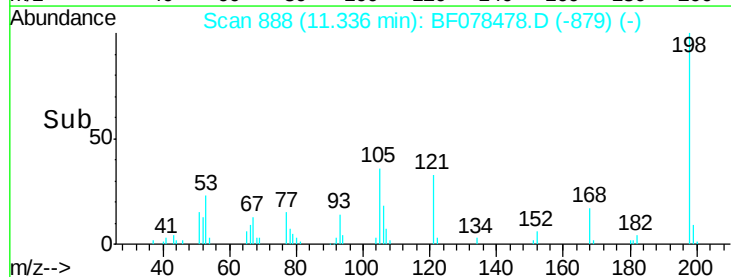
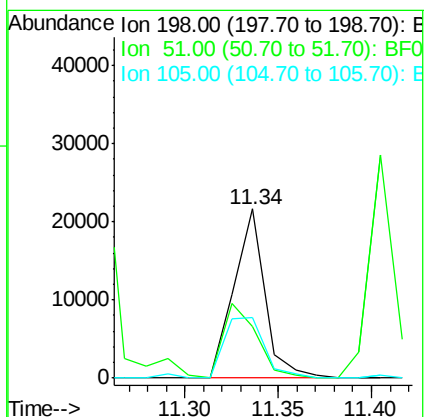
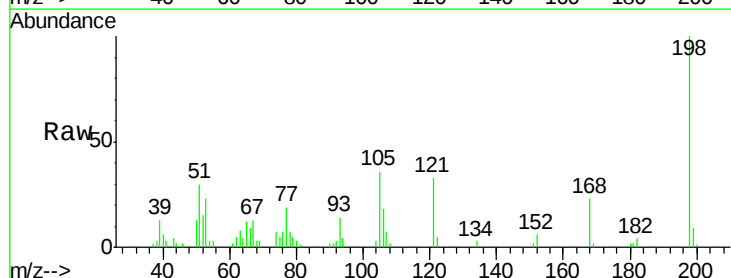
Instrument :
 BNA_F
 ClientSampleId :
 PB82691BS

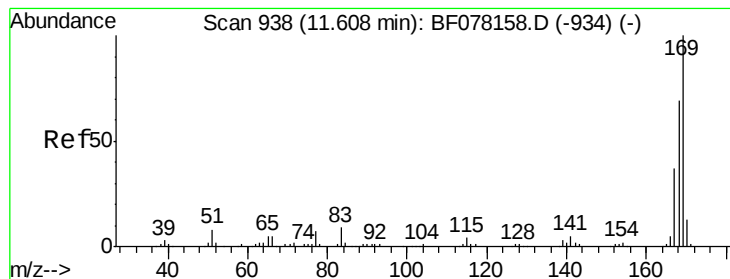
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	9.0	13.4#
80	8.6	9.5	14.3#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 37.40 ng
 RT: 11.34 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: BF078478.D
 Acq: 13 Apr 2015 23:50

Tgt Ion	Ratio	Lower	Upper
198	100		
51	30.4	48.6	88.6#
105	35.6	45.8	85.8#





#65

n-Nitrosodiphenylamine

Concen: 39.02 ng

RT: 11.40 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF078478.D

Acq: 13 Apr 2015 23:50

Instrument :

BNA_F

ClientSampleId :

PB82691BS

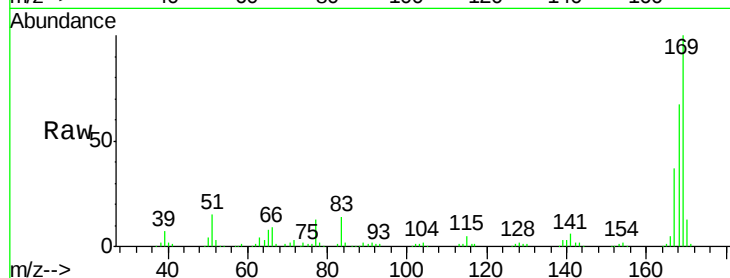
Tgt Ion:169 Resp: 194818

Ion Ratio Lower Upper

169 100

168 67.4 55.0 82.4

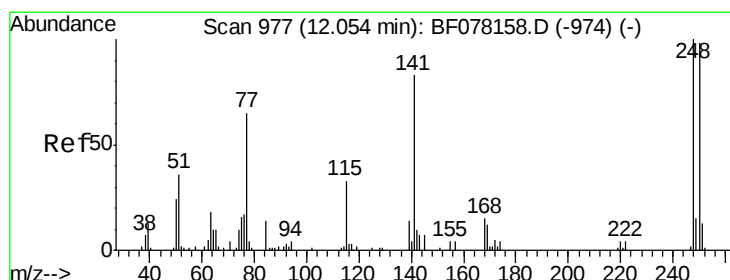
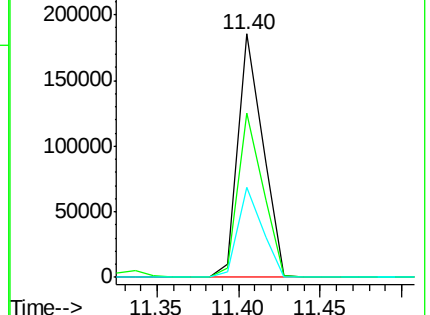
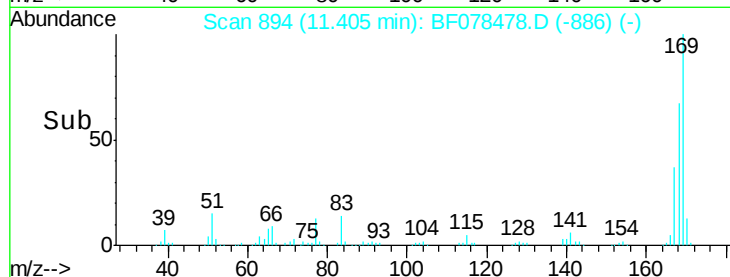
167 37.2 29.3 43.9



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: 41.65 ng

RT: 11.86 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF078478.D

Acq: 13 Apr 2015 23:50

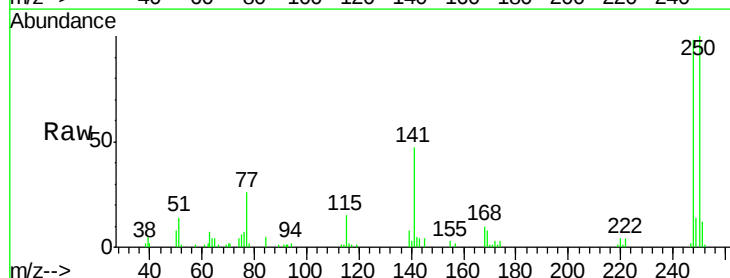
Tgt Ion:248 Resp: 63658

Ion Ratio Lower Upper

248 100

250 102.1 78.2 117.2

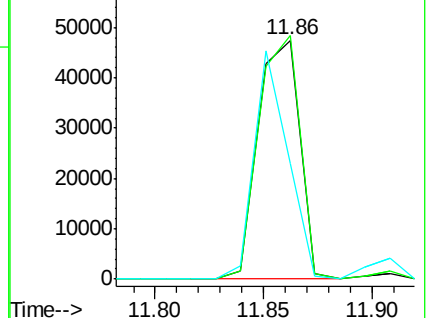
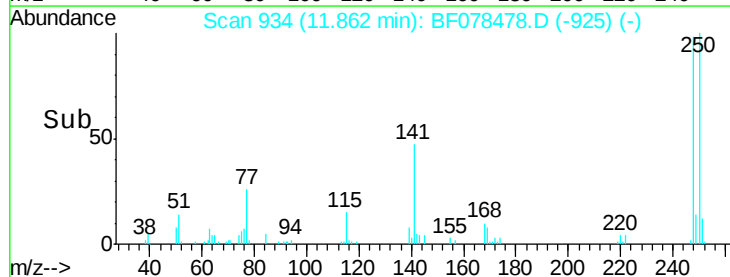
141 48.4 66.4 99.6#

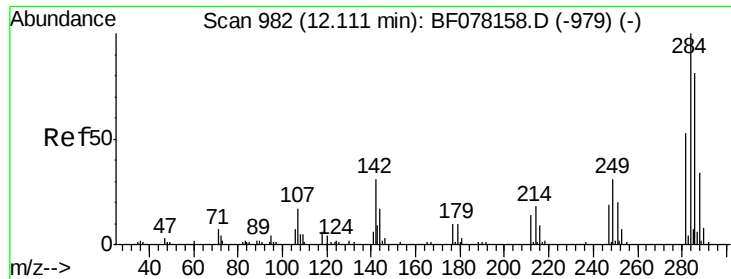


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

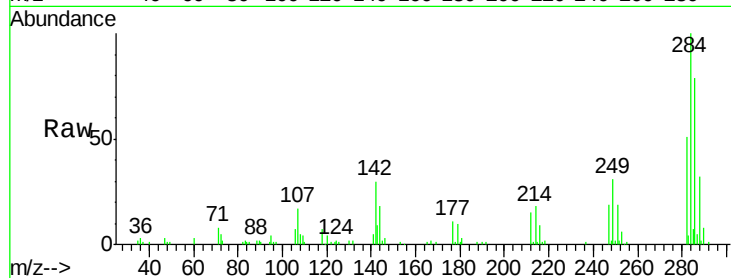




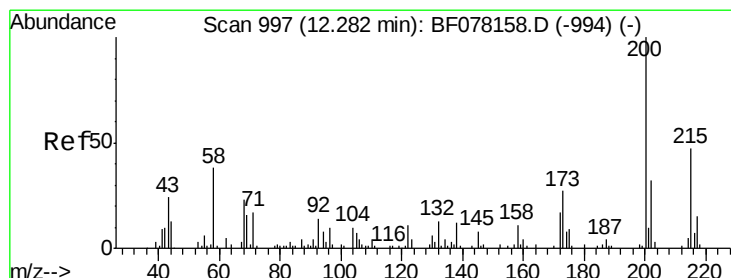
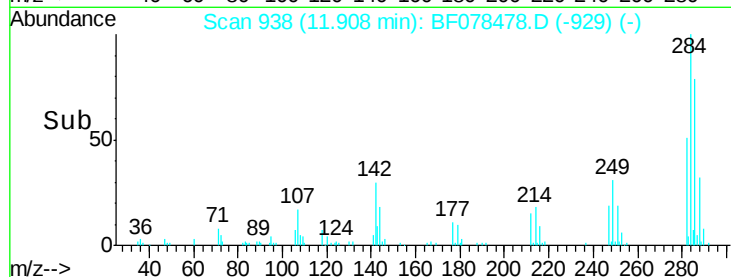
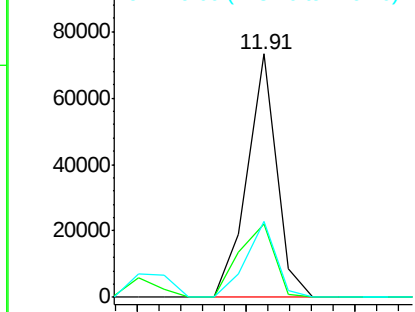
#67
Hexachlorobenzene
Concen: 41.27 ng
RT: 11.91 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF078478.D
Acq: 13 Apr 2015 23:50

Instrument :
BNA_F
ClientSampleId :
PB82691BS

Tgt Ion:284 Resp: 69133
Ion Ratio Lower Upper
284 100
142 30.1 24.5 36.7
249 31.4 24.8 37.2

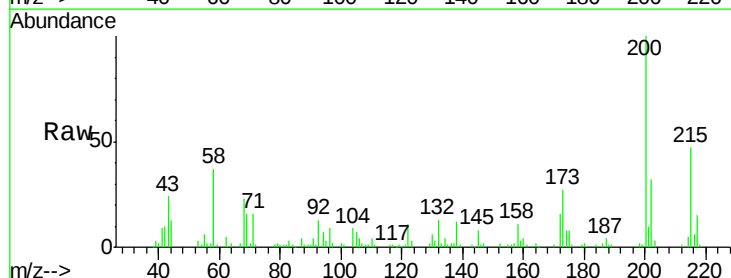


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

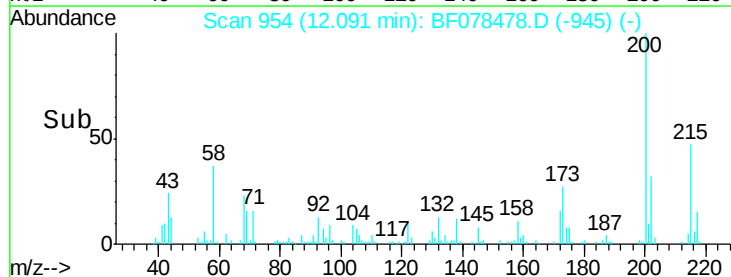
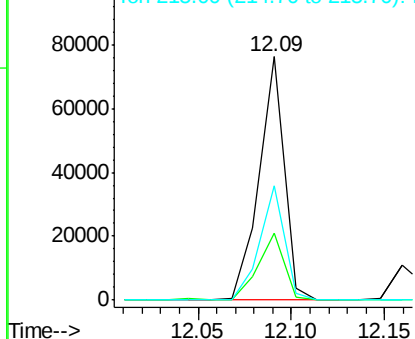


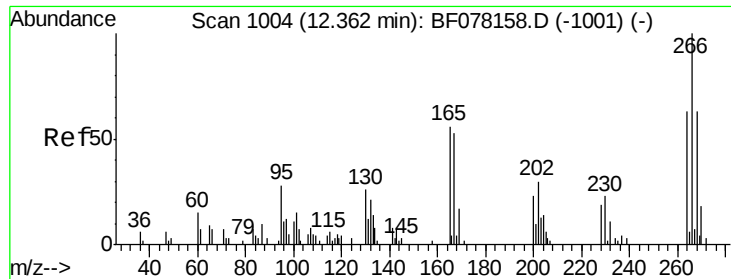
#68
Atrazine
Concen: 48.95 ng
RT: 12.09 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF078478.D
Acq: 13 Apr 2015 23:50

Tgt Ion:200 Resp: 70781
Ion Ratio Lower Upper
200 100
173 27.3 6.9 46.9
215 47.0 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

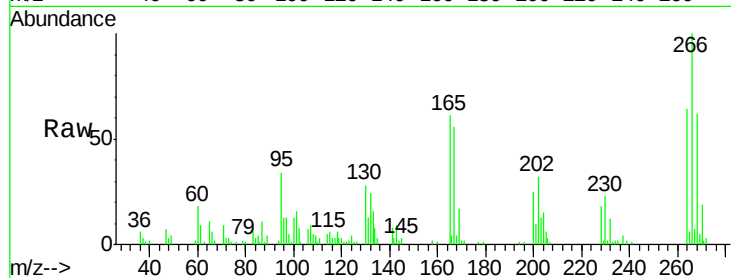




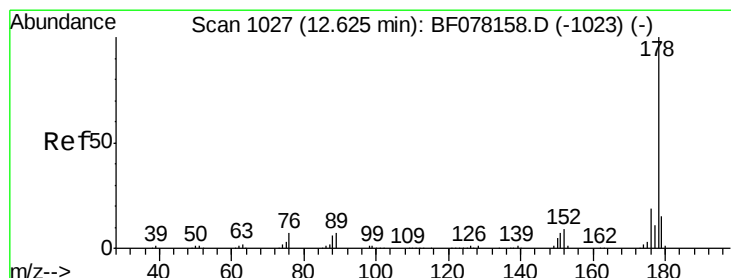
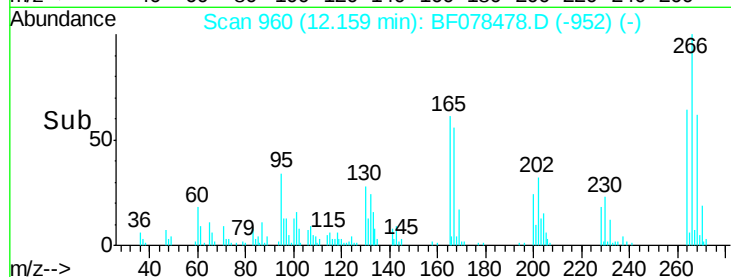
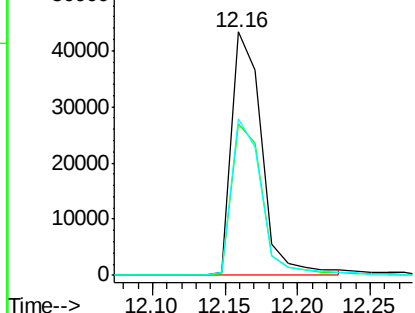
#69
 Pentachlorophenol
 Concen: 84.03 ng
 RT: 12.16 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF078478.D
 Acq: 13 Apr 2015 23:50

Instrument :
 BNA_F
 ClientSampleId :
 PB82691BS

Tgt Ion:266 Resp: 62735
 Ion Ratio Lower Upper
 266 100
 268 62.4 50.1 75.1
 264 64.3 50.0 75.0

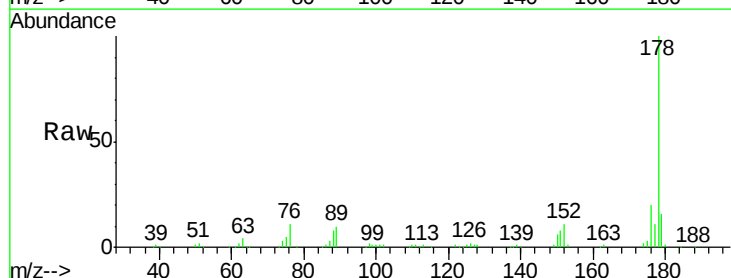


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

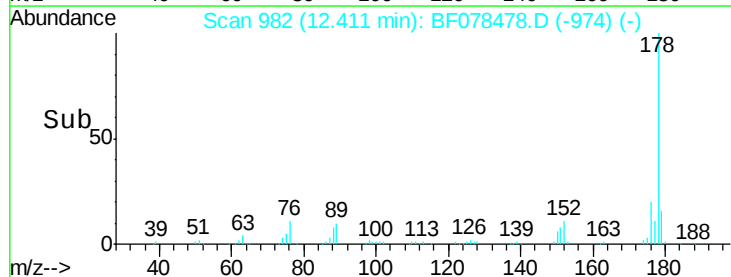
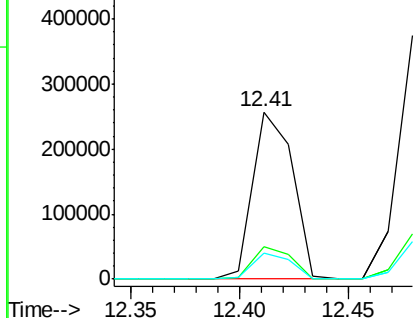


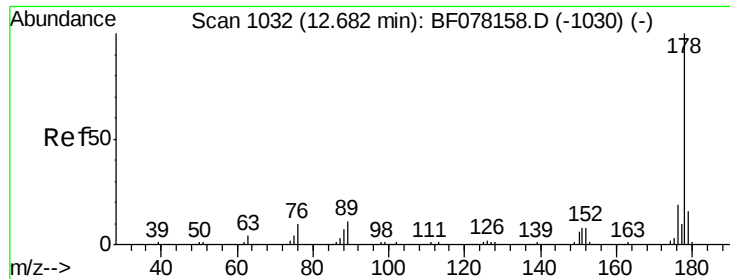
#70
 Phenanthrene
 Concen: 39.48 ng
 RT: 12.41 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF078478.D
 Acq: 13 Apr 2015 23:50

Tgt Ion:178 Resp: 329577
 Ion Ratio Lower Upper
 178 100
 176 19.6 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

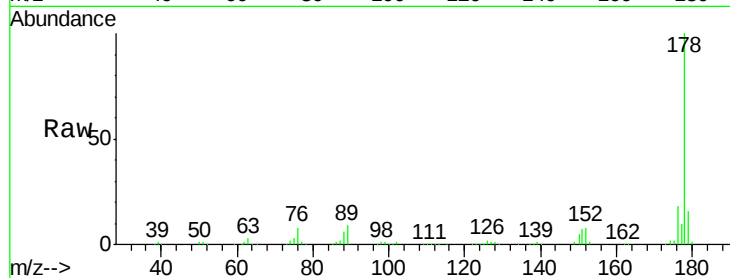




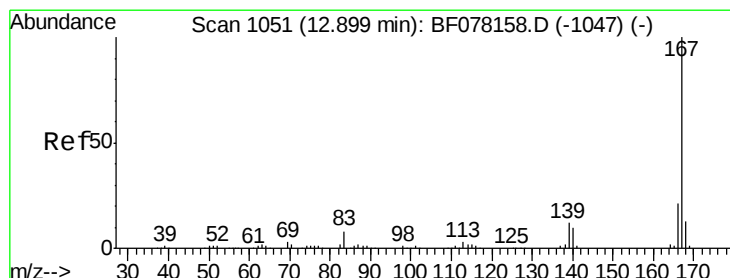
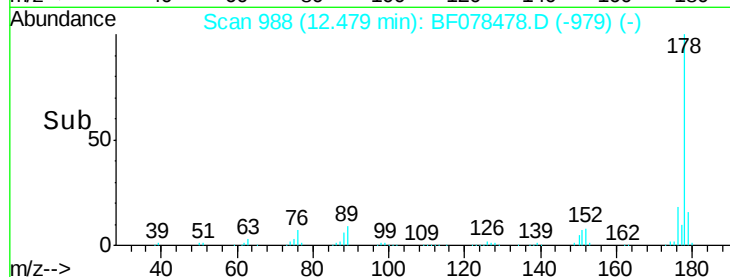
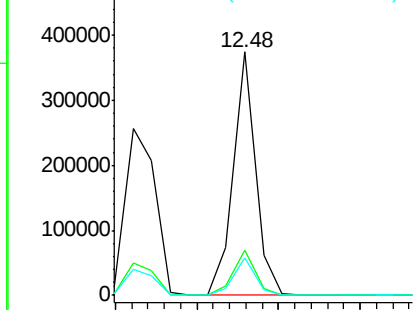
#71
 Anthracene
 Concen: 42.68 ng
 RT: 12.48 min Scan# 988
 Delta R.T. 0.00 min
 Lab File: BF078478.D
 Acq: 13 Apr 2015 23:50

Instrument :
 BNA_F
 ClientSampleId :
 PB82691BS

Tgt Ion:178 Resp: 351164
 Ion Ratio Lower Upper
 178 100
 176 18.4 14.8 22.2
 179 15.5 12.4 18.6

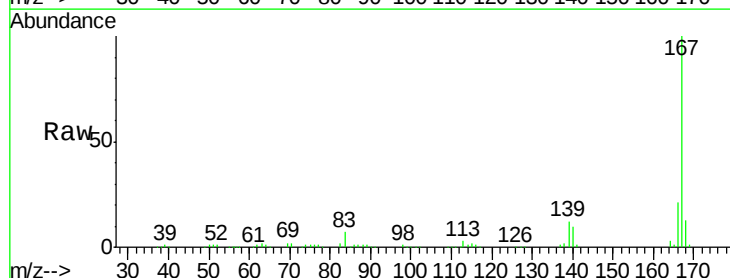


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

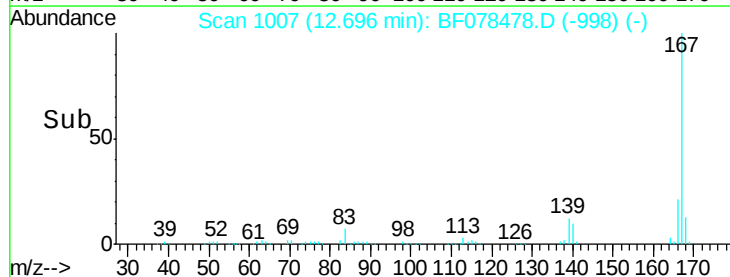
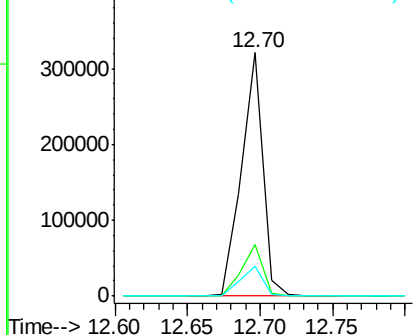


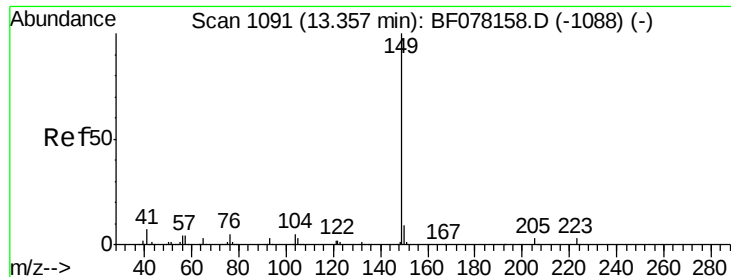
#72
 Carbazole
 Concen: 42.77 ng
 RT: 12.70 min Scan# 1007
 Delta R.T. 0.00 min
 Lab File: BF078478.D
 Acq: 13 Apr 2015 23:50

Tgt Ion:167 Resp: 329781
 Ion Ratio Lower Upper
 167 100
 166 21.4 16.8 25.2
 139 12.2 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

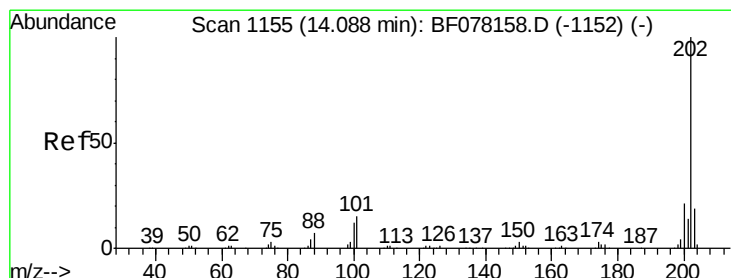
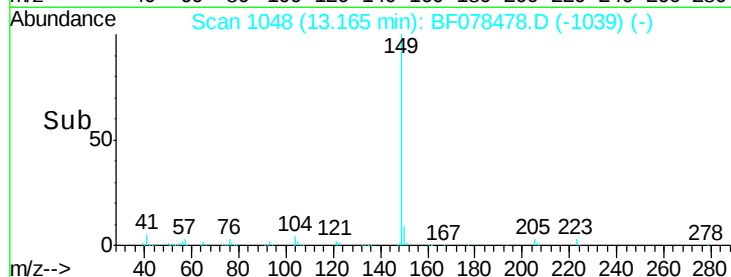
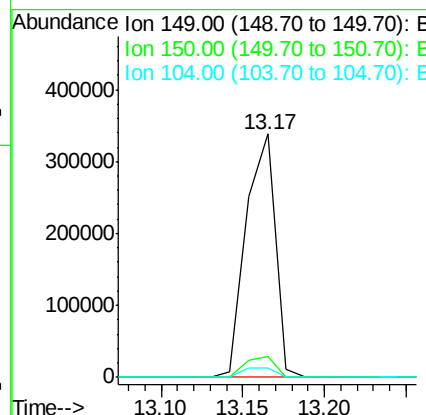
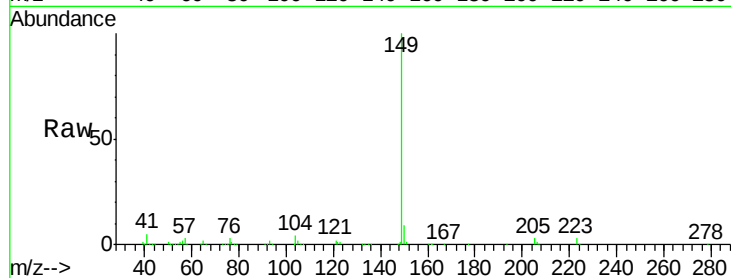




#73
Di-n-butylphthalate
Concen: 47.94 ng
RT: 13.17 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF078478.D
Acq: 13 Apr 2015 23:50

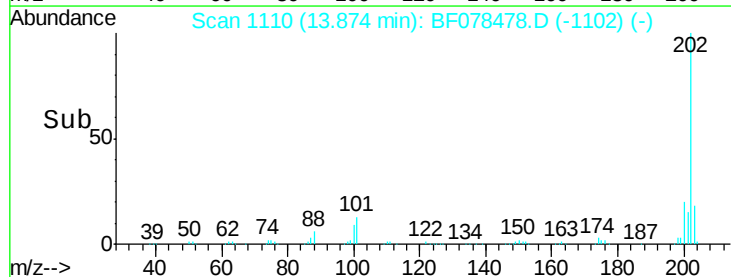
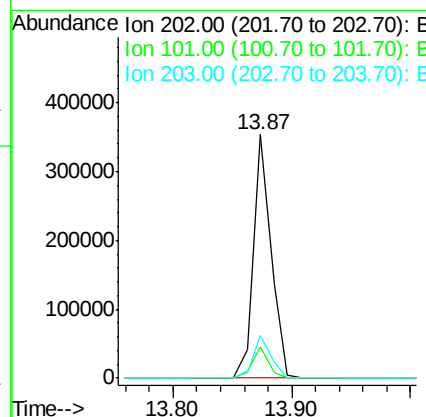
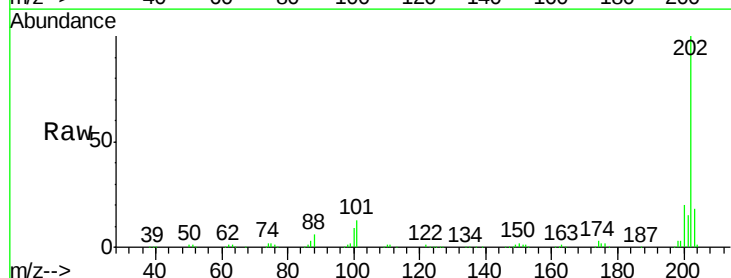
Instrument :
BNA_F
ClientSampleId :
PB82691BS

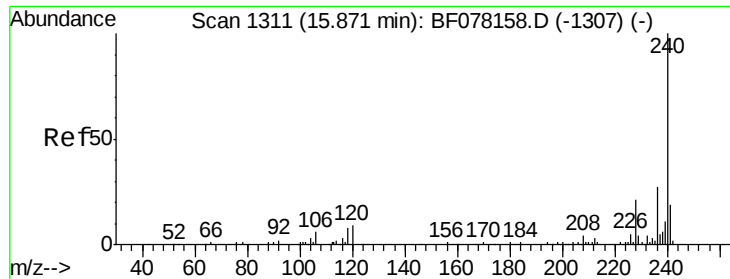
Tgt Ion:149 Resp: 418682
Ion Ratio Lower Upper
149 100
150 8.8 7.1 10.7
104 3.9 3.8 5.6



#74
Fluoranthene
Concen: 41.97 ng
RT: 13.87 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BF078478.D
Acq: 13 Apr 2015 23:50

Tgt Ion:202 Resp: 369554
Ion Ratio Lower Upper
202 100
101 12.7 0.0 35.2
203 17.7 0.0 38.5

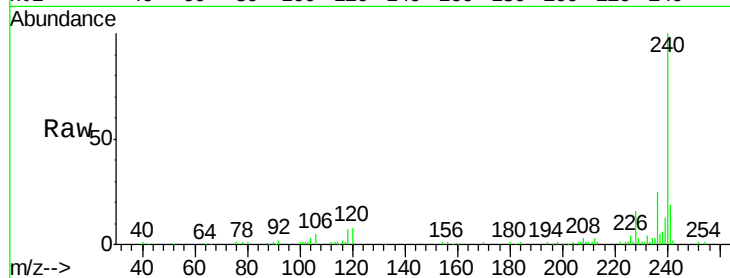




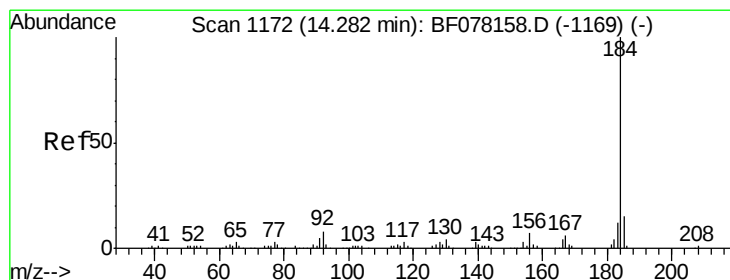
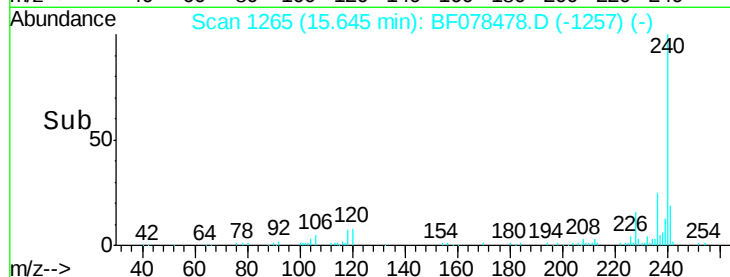
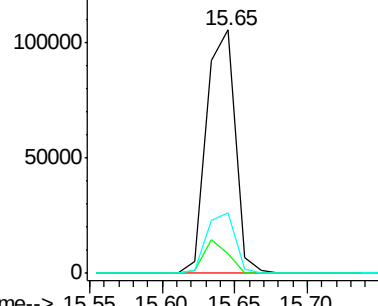
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.65 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF078478.D
Acq: 13 Apr 2015 23:50

Instrument :
BNA_F
ClientSampleId :
PB82691BS

Tgt Ion: 240 Resp: 145226
Ion Ratio Lower Upper
240 100
120 8.2 7.1 10.7
236 25.1 21.4 32.2

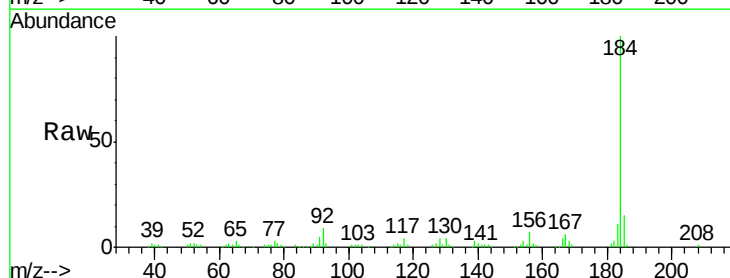


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

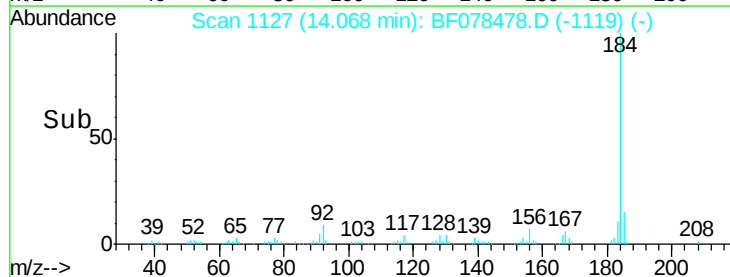
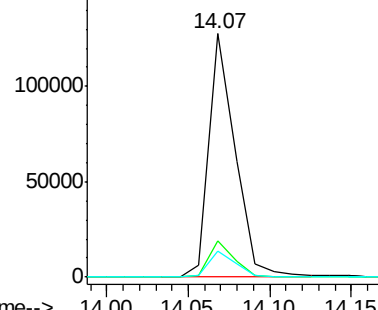


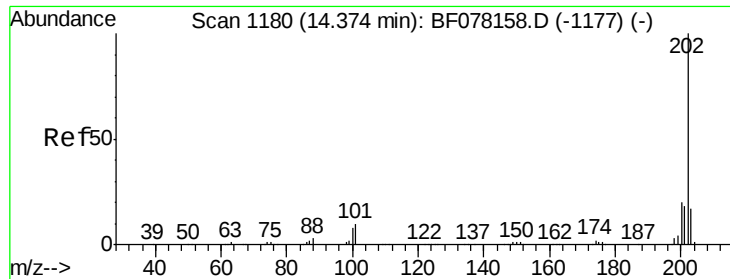
#76
Benzidine
Concen: 25.39 ng
RT: 14.07 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF078478.D
Acq: 13 Apr 2015 23:50

Tgt Ion: 184 Resp: 141976
Ion Ratio Lower Upper
184 100
185 14.8 12.2 18.2
183 10.9 9.5 14.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

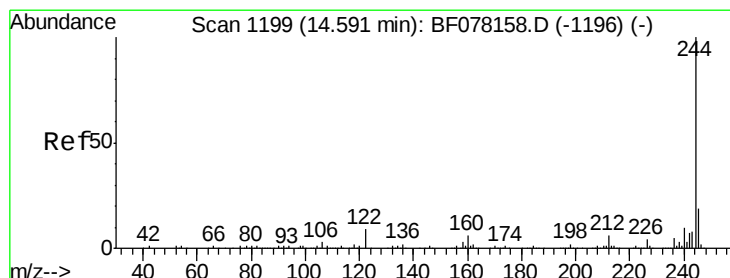
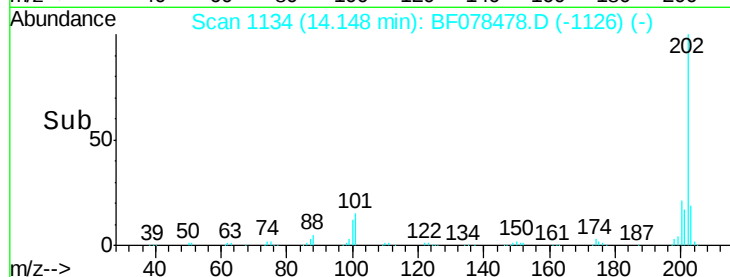
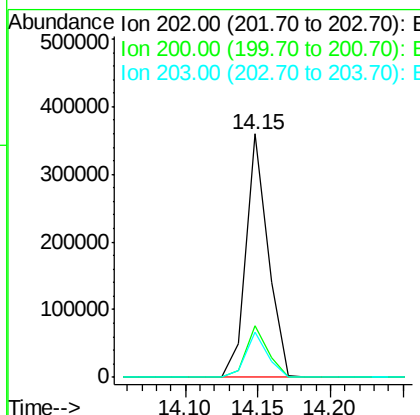
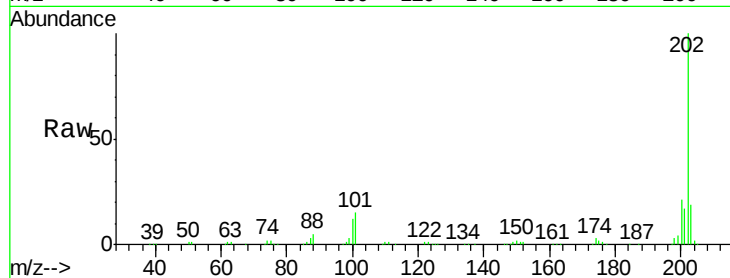




#77
 Pyrene
 Concen: 41.80 ng
 RT: 14.15 min Scan# 1134
 Delta R.T. -0.01 min
 Lab File: BF078478.D
 Acq: 13 Apr 2015 23:50

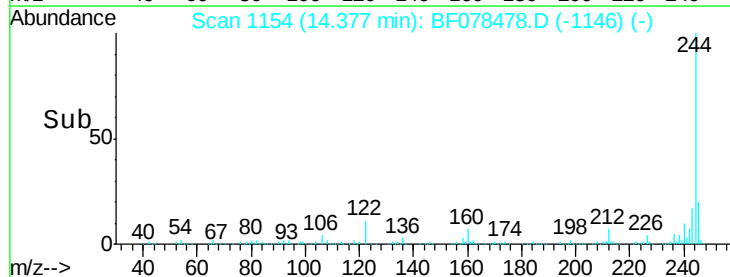
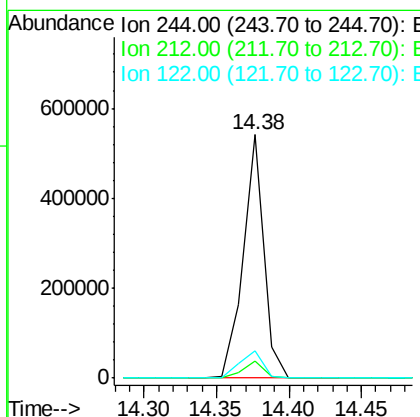
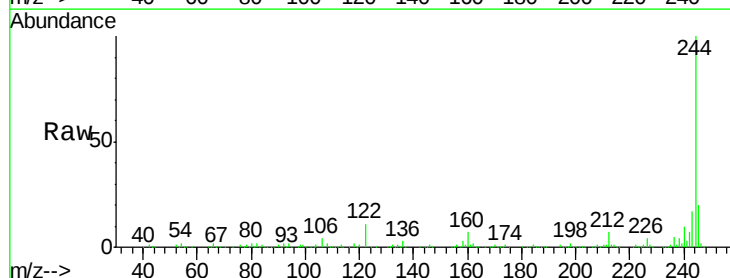
Instrument :
 BNA_F
 ClientSampleId :
 PB82691BS

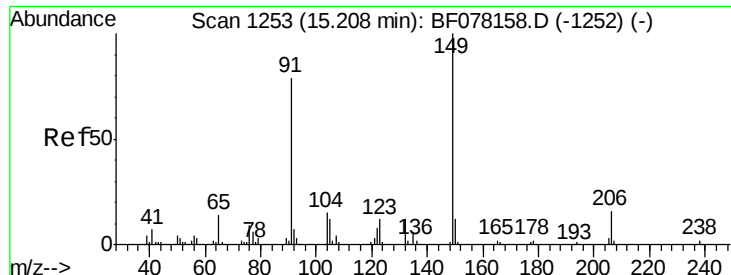
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.3	24.5
203	18.5	13.8	20.6



#78
 Terphenyl-d14
 Concen: 83.06 ng
 RT: 14.38 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF078478.D
 Acq: 13 Apr 2015 23:50

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.0	7.4
122	11.2	7.1	10.7#





#79

Butylbenzylphthalate

Concen: 51.71 ng

RT: 15.01 min Scan# 1209

Delta R.T. 0.00 min

Lab File: BF078478.D

Acq: 13 Apr 2015 23:50

Instrument :

BNA_F

ClientSampleId :

PB82691BS

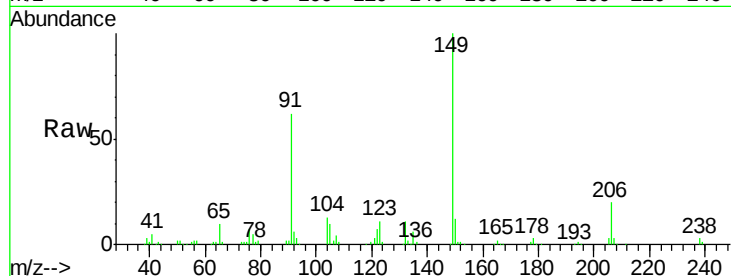
Tgt Ion:149 Resp: 179685

Ion Ratio Lower Upper

149 100

91 61.6 64.2 96.2#

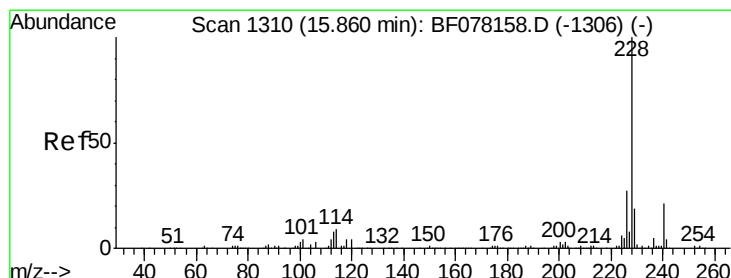
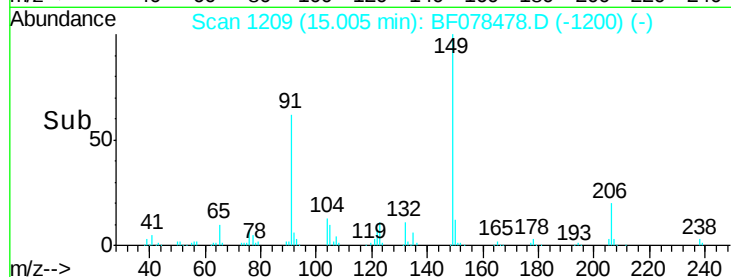
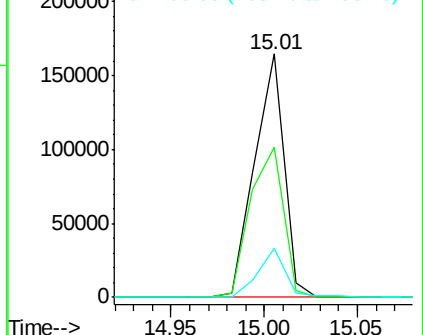
206 20.0 12.6 18.8#



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: 41.52 ng

RT: 15.63 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BF078478.D

Acq: 13 Apr 2015 23:50

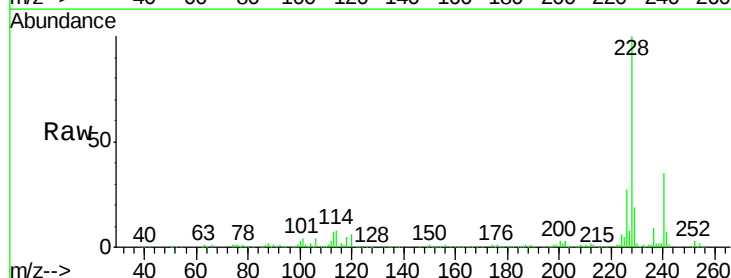
Tgt Ion:228 Resp: 358723

Ion Ratio Lower Upper

228 100

226 26.8 21.3 31.9

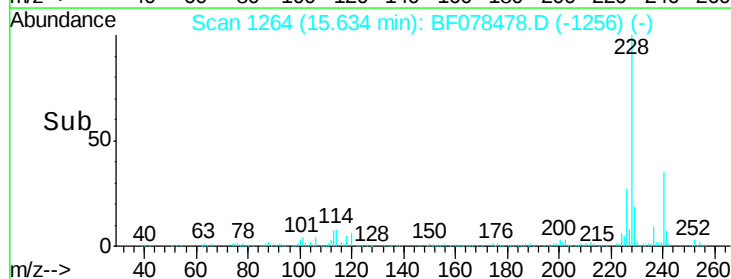
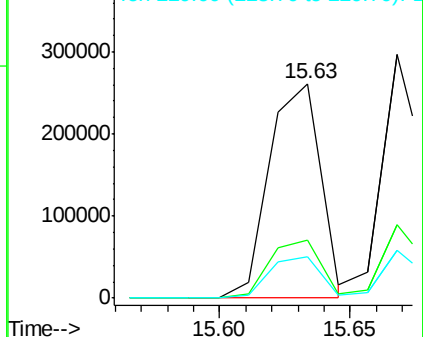
229 19.3 15.4 23.2

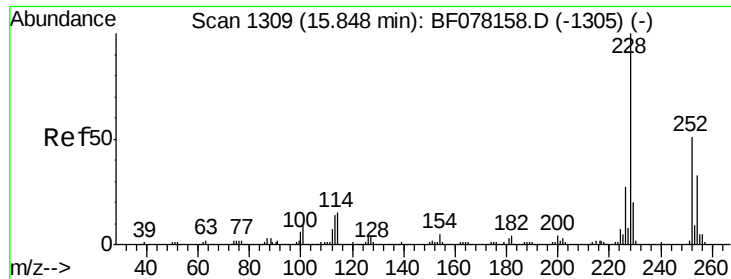


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

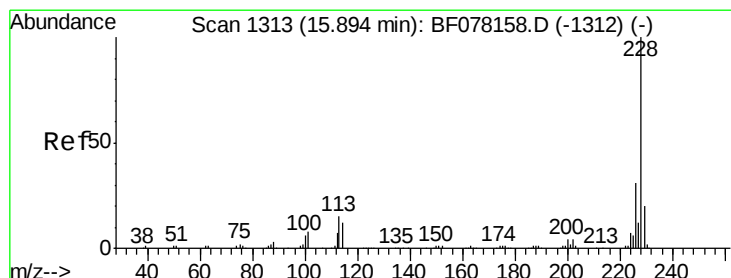
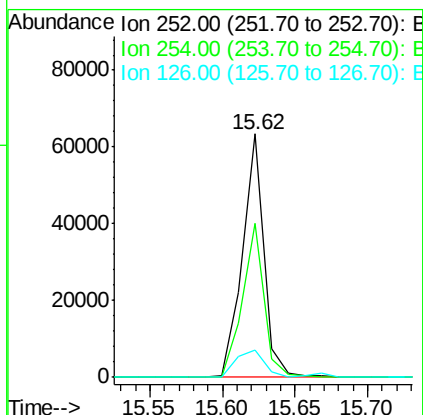
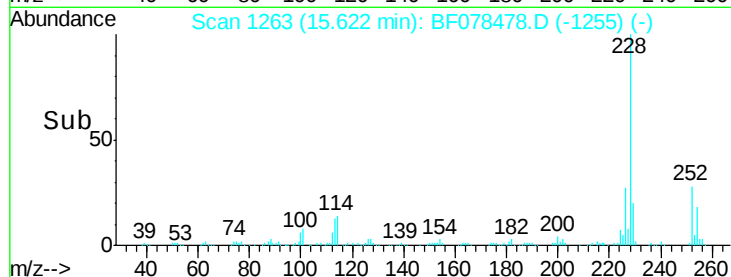
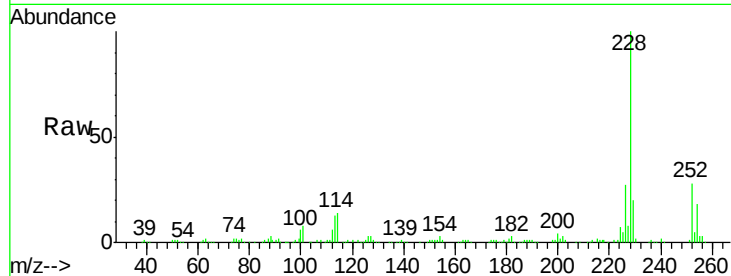




#81
 3,3'-Dichlorobenzidine
 Concen: 22.52 ng
 RT: 15.62 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BF078478.D
 Acq: 13 Apr 2015 23:50

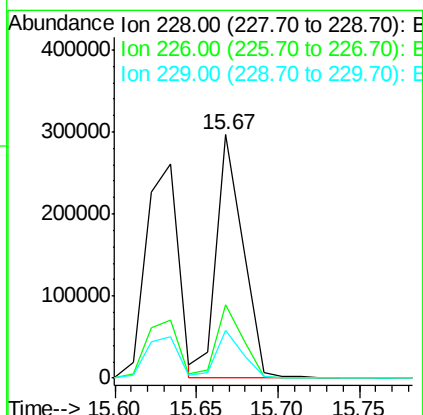
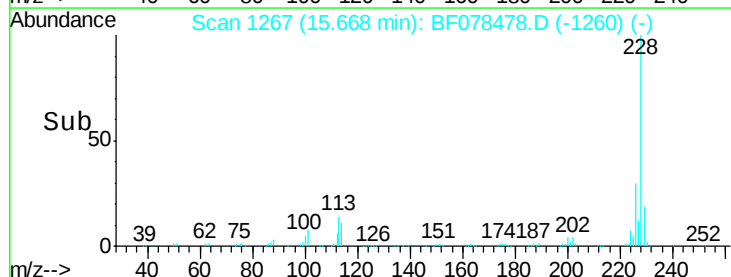
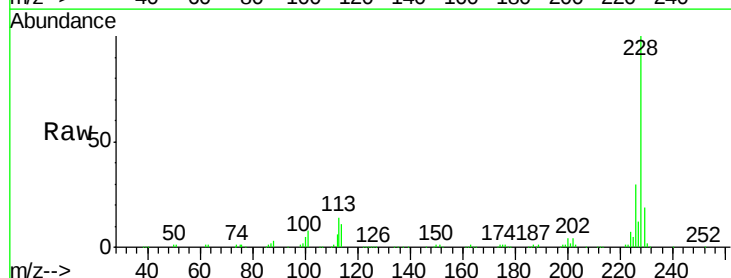
Instrument :
 BNA_F
 ClientSampleId :
 PB82691BS

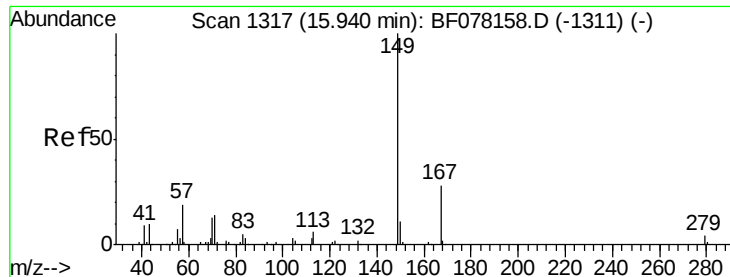
Tgt Ion: 252 Resp: 65175
 Ion Ratio Lower Upper
 252 100
 254 63.3 51.2 76.8
 126 11.0 6.3 9.5#



#82
 Chrysene
 Concen: 41.16 ng
 RT: 15.67 min Scan# 1267
 Delta R.T. -0.02 min
 Lab File: BF078478.D
 Acq: 13 Apr 2015 23:50

Tgt Ion: 228 Resp: 334143
 Ion Ratio Lower Upper
 228 100
 226 29.9 24.2 36.4
 229 19.4 15.8 23.8

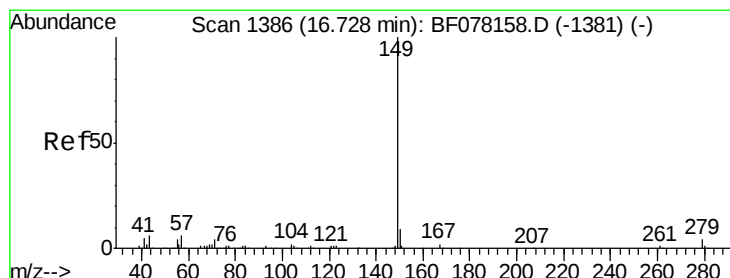
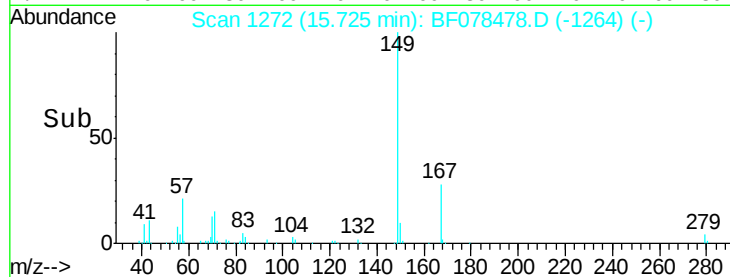
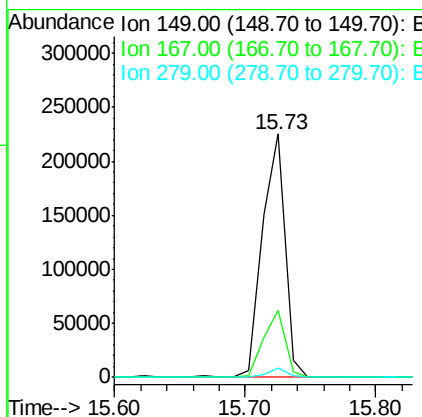
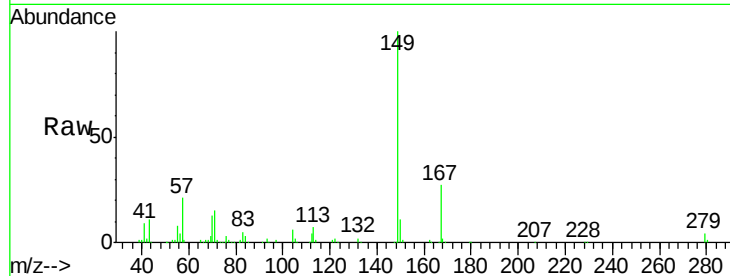




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.36 ng
 RT: 15.73 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BF078478.D
 Acq: 13 Apr 2015 23:50

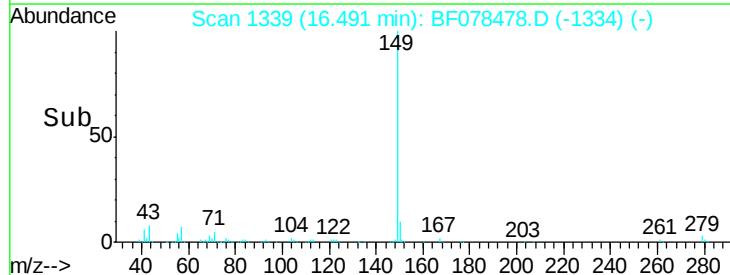
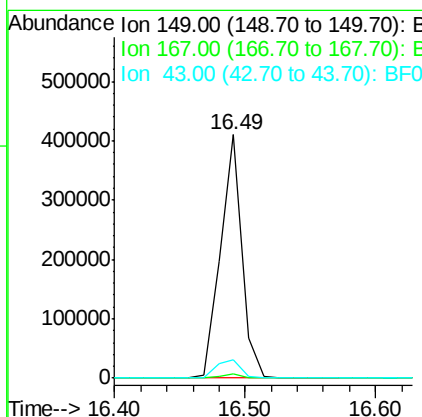
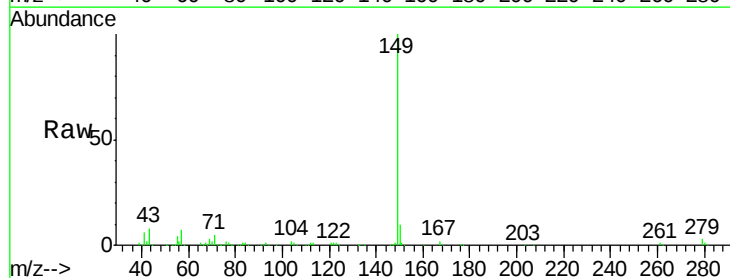
Instrument :
 BNA_F
 ClientSampleId :
 PB82691BS

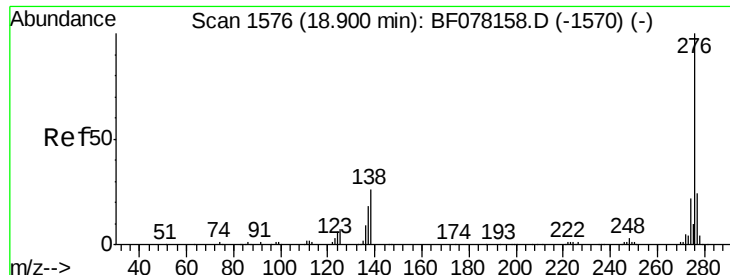
Tgt Ion:149 Resp: 274459
 Ion Ratio Lower Upper
 149 100
 167 27.4 22.2 33.2
 279 3.8 3.2 4.8



#84
 Di-n-octyl phthalate
 Concen: 52.71 ng
 RT: 16.49 min Scan# 1339
 Delta R.T. -0.05 min
 Lab File: BF078478.D
 Acq: 13 Apr 2015 23:50

Tgt Ion:149 Resp: 471658
 Ion Ratio Lower Upper
 149 100
 167 1.5 0.0 0.0#
 43 9.1 0.0 0.0#

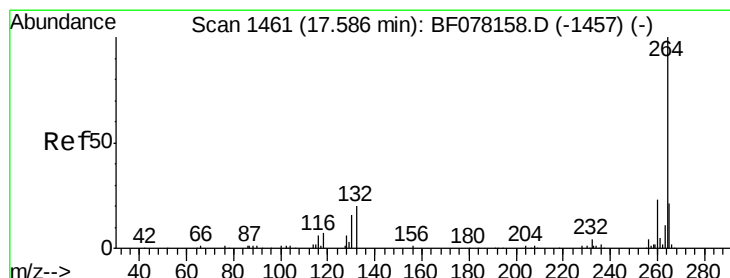
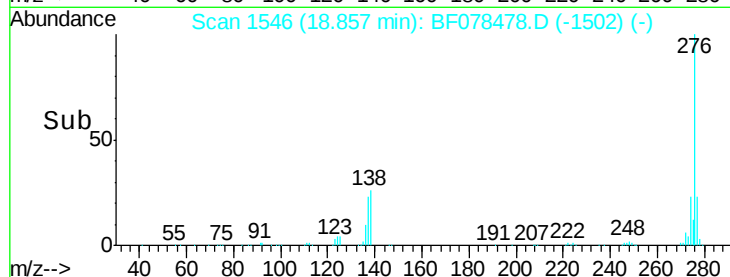
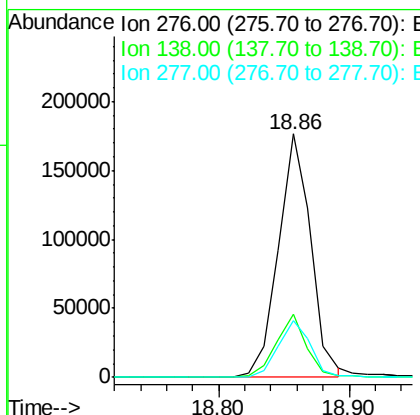
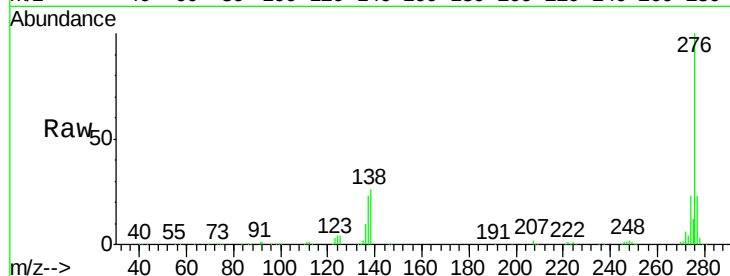




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.26 ng
 RT: 18.86 min Scan# 1546
 Delta R.T. 0.21 min
 Lab File: BF078478.D
 Acq: 13 Apr 2015 23:50

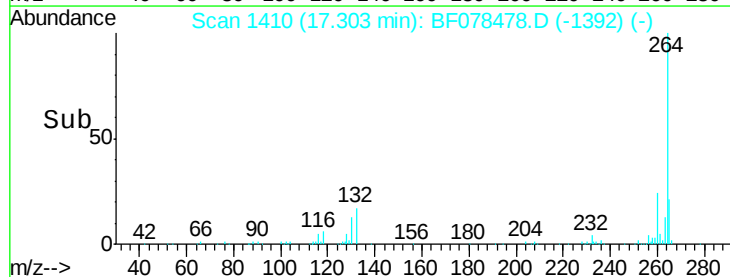
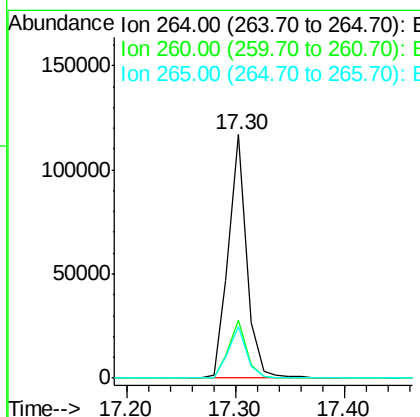
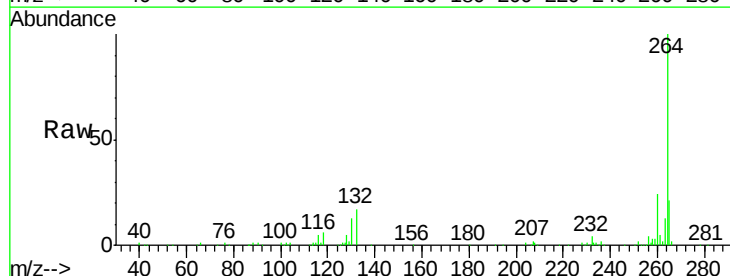
Instrument :
 BNA_F
 ClientSampleId :
 PB82691BS

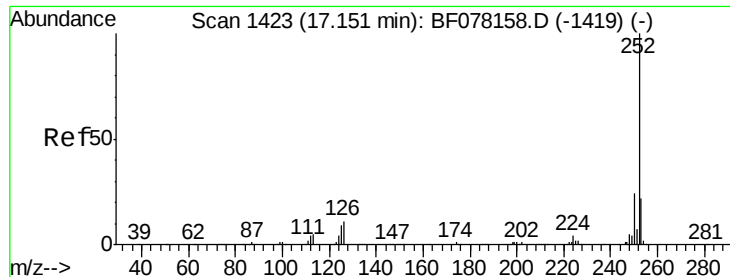
Tgt Ion: 276 Resp: 306424
 Ion Ratio Lower Upper
 276 100
 138 24.3 16.9 25.3
 277 23.1 15.8 23.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.30 min Scan# 1410
 Delta R.T. -0.09 min
 Lab File: BF078478.D
 Acq: 13 Apr 2015 23:50

Tgt Ion: 264 Resp: 135069
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.6 27.8
 265 21.2 17.0 25.6





#87

Benzo(b)fluoranthene

Concen: 50.06 ng

RT: 16.88 min Scan# 1373

Delta R.T. -0.07 min

Lab File: BF078478.D

Acq: 13 Apr 2015 23:50

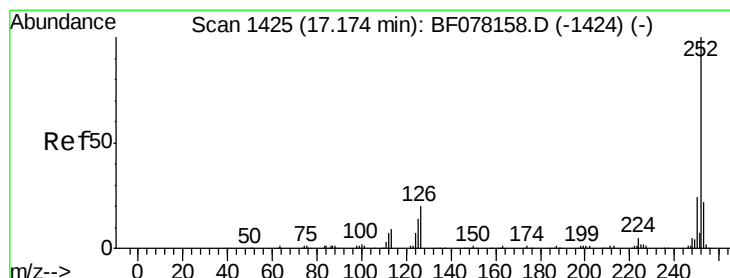
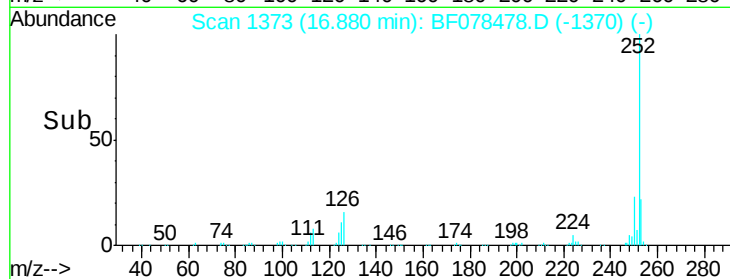
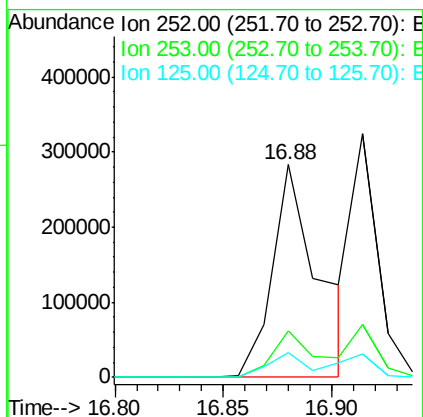
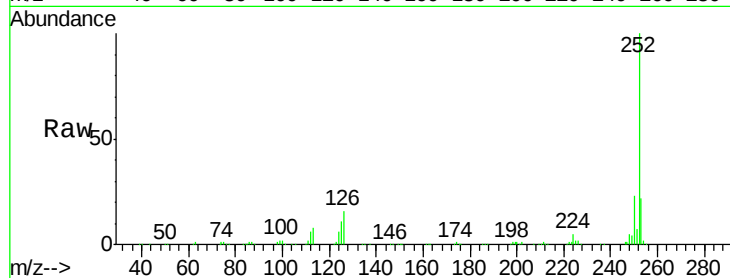
Instrument :

BNA_F

ClientSampleId :

PB82691BS

Tgt Ion:	252	Resp:	417871
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.2	25.8
125	11.4	7.0	10.4#



#88

Benzo(k)fluoranthene

Concen: 56.33 ng

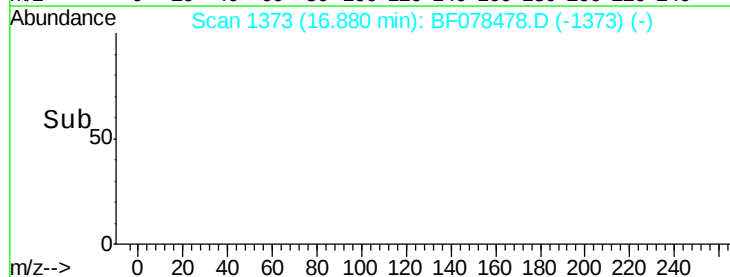
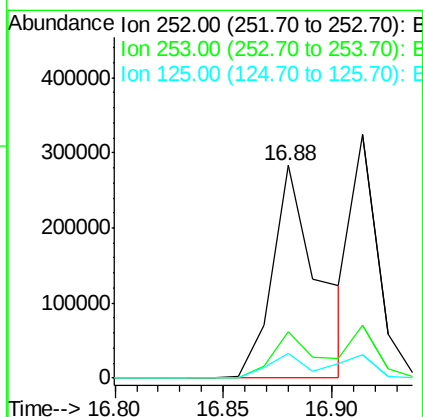
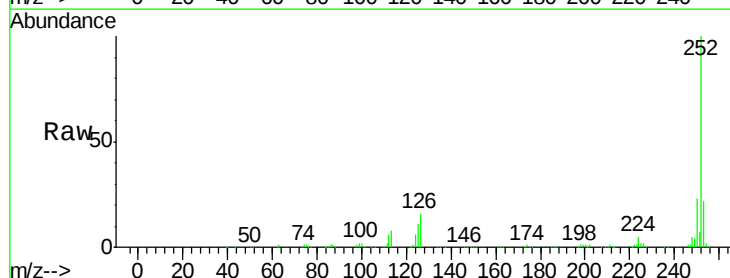
RT: 16.88 min Scan# 1373

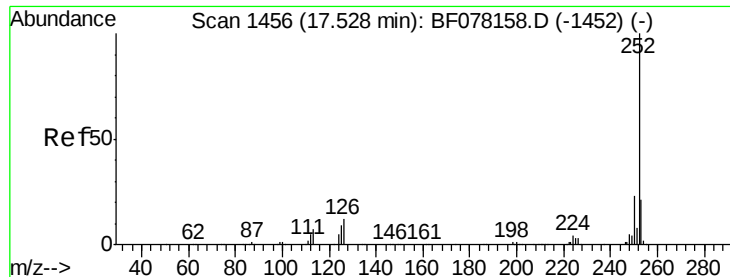
Delta R.T. -0.10 min

Lab File: BF078478.D

Acq: 13 Apr 2015 23:50

Tgt Ion:	252	Resp:	417871
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.5	26.3
125	11.4	11.6	17.4#





#89

Benzo(a)pyrene

Concen: 45.44 ng

RT: 17.25 min Scan# 1405

Delta R.T. -0.08 min

Lab File: BF078478.D

Acq: 13 Apr 2015 23:50

Instrument :

BNA_F

ClientSampleId :

PB82691BS

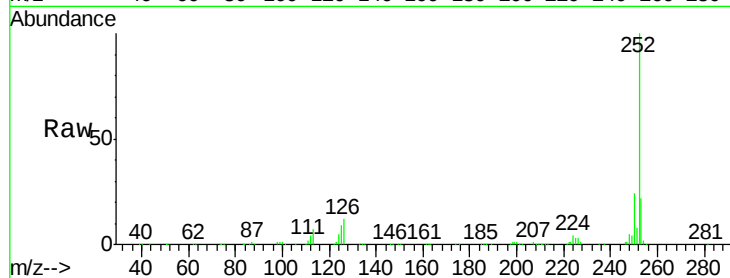
Tgt Ion:252 Resp: 331079

Ion Ratio Lower Upper

252 100

253 21.7 16.8 25.2

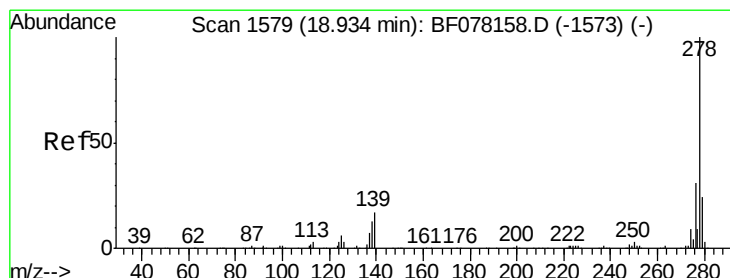
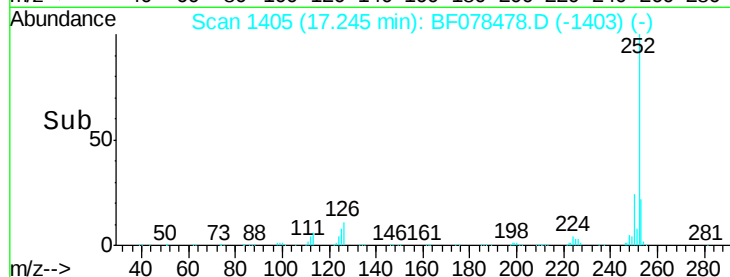
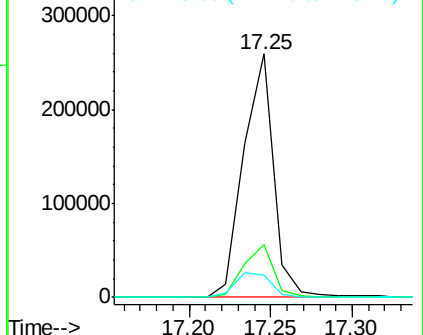
125 9.3 7.4 11.0



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: 42.09 ng

RT: 18.54 min Scan# 1518

Delta R.T. -0.14 min

Lab File: BF078478.D

Acq: 13 Apr 2015 23:50

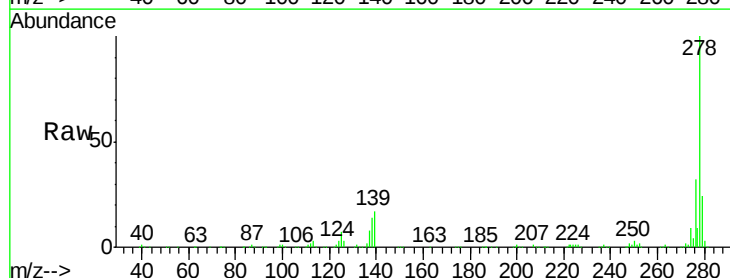
Tgt Ion:278 Resp: 306982

Ion Ratio Lower Upper

278 100

139 17.4 13.6 20.4

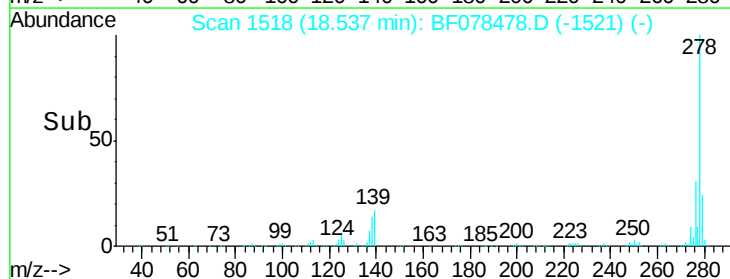
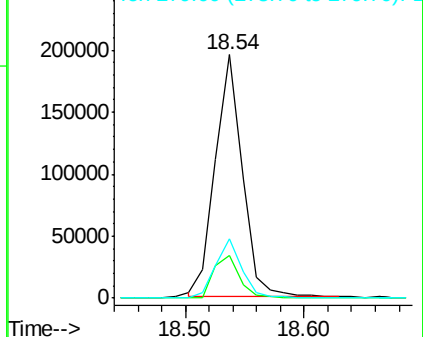
279 24.4 19.0 28.6

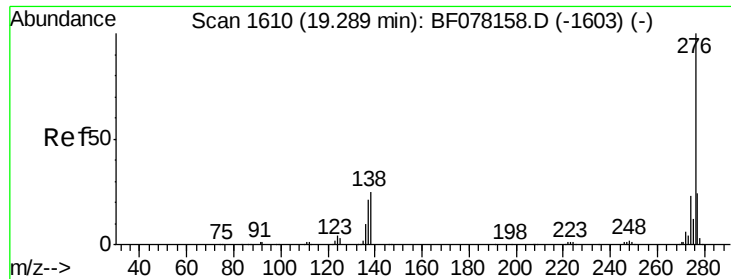


Abundance Ion 278.00 (277.70 to 278.70): E

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: 41.22 ng

RT: 18.86 min Scan# 1546

Delta R.T. -0.14 min

Lab File: BF078478.D

Acq: 13 Apr 2015 23:50

Instrument :

BNA_F

ClientSampleId :

PB82691BS

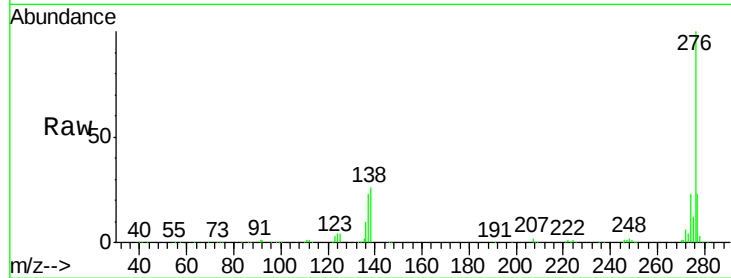
Tgt Ion: 276 Resp: 301463

Ion Ratio Lower Upper

276 100

277 23.2 19.0 28.4

138 25.8 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

