

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040115\
 Data File : BF078167.D
 Acq On : 1 Apr 2015 22:26
 Operator : TP/IZ
 Sample : PB82442BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82442BS

Quant Time: Apr 02 04:04:53 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 02 04:05:08 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	39605	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	165780	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	84392	20.00	ng	0.00
63) Phenanthrene-d10	12.59	188	166706	20.00	ng	0.00
75) Chrysene-d12	15.87	240	164761	20.00	ng	0.00
86) Perylene-d12	17.57	264	157402	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	290583	120.97	ng	0.00
7) Phenol-d6	6.61	99	372602	123.77	ng	0.01
23) Nitrobenzene-d5	7.72	82	208298	76.16	ng	0.01
41) 2,4,6-Tribromophenol	11.74	330	91392	130.58	ng	0.00
44) 2-Fluorobiphenyl	9.94	172	460958	78.08	ng	0.00
78) Terphenyl-d14	14.59	244	537404	73.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.88	88	34185	31.47	ng	96
3) Pyridine	2.51	79	107436	37.76	ng	# 89
4) n-Nitrosodimethylamine	2.45	42	38986	35.60	ng	98
6) Aniline	6.61	93	64557	15.12	ng	# 55
8) 2-Chlorophenol	6.75	128	115685	40.73	ng	97
9) Benzaldehyde	6.46	77	3066	1.54	ng	97
10) Phenol	6.62	94	144954	40.19	ng	99
11) bis(2-Chloroethyl)ether	6.72	93	107400	41.40	ng	98
12) 1,3-Dichlorobenzene	6.94	146	117856	37.77	ng	# 89
13) 1,4-Dichlorobenzene	7.04	146	121902	38.82	ng	99
14) 1,2-Dichlorobenzene	7.22	146	116379	39.52	ng	100
15) Benzyl Alcohol	7.22	79	86437	40.86	ng	# 85
16) 2,2'-oxybis(1-Chloropropan	7.39	45	139616	40.35	ng	99
17) 2-Methylphenol	7.37	107	91109	41.31	ng	98
18) Hexachloroethane	7.64	117	41764	39.44	ng	98
19) n-Nitroso-di-n-propylamine	7.55	70	78817	39.68	ng	97
20) 3+4-Methylphenols	7.56	107	123756	42.07	ng	99
22) Acetophenone	7.54	105	157271	40.72	ng	99
24) Nitrobenzene	7.74	77	111386	38.96	ng	98
25) Isophorone	8.04	82	207475	39.97	ng	99
26) 2-Nitrophenol	8.13	139	57448	42.16	ng	98
27) 2,4-Dimethylphenol	8.21	122	102569	40.48	ng	97
28) bis(2-Chloroethoxy)methane	8.33	93	131757	39.58	ng	100
29) 2,4-Dichlorophenol	8.44	162	95407	41.39	ng	98
30) 1,2,4-Trichlorobenzene	8.53	180	100513	38.03	ng	98
31) Naphthalene	8.62	128	332445	38.53	ng	99
32) Benzoic acid	8.34	122	43530	37.92	ng	95
33) 4-Chloroaniline	8.70	127	62071	17.34	ng	99
34) Hexachlorobutadiene	8.78	225	55321	38.12	ng	99
35) Caprolactam	9.13	113	28130	40.88	ng	92
36) 4-Chloro-3-methylphenol	9.32	107	97385	41.87	ng	98
37) 2-Methylnaphthalene	9.48	142	239200	40.83	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.69	216	100591	38.47	ng	98
40) Hexachlorocyclopentadiene	9.68	237	95929	85.93	ng	96

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040115\
 Data File : BF078167.D
 Acq On : 1 Apr 2015 22:26
 Operator : TP/IZ
 Sample : PB82442BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82442BS

Quant Time: Apr 02 04:04:53 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 02 04:05:08 2015
 Response via : Initial Calibration

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

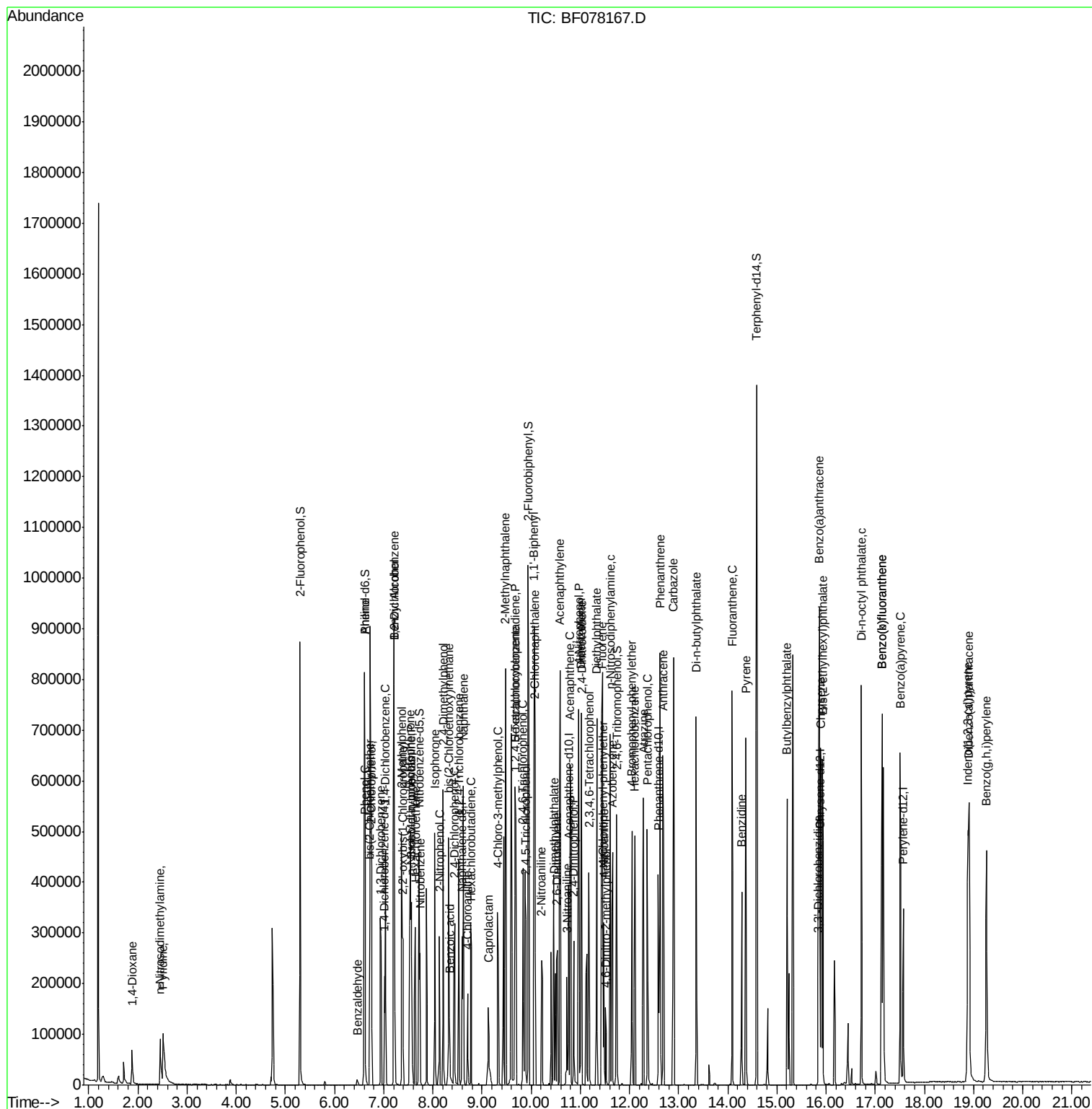
42) 2,4,6-Trichlorophenol	9.84	196	67656	41.03	ng	95
43) 2,4,5-Trichlorophenol	9.89	196	70228	40.76	ng	# 86
45) 1,1'-Biphenyl	10.06	154	280404	40.62	ng	99
46) 2-Chloronaphthalene	10.08	162	213024	39.22	ng	98
47) 2-Nitroaniline	10.21	65	56109	41.75	ng	98
48) Acenaphthylene	10.59	152	344349	39.26	ng	100
49) Dimethylphthalate	10.46	163	253404	39.97	ng	# 96
50) 2,6-Dinitrotoluene	10.53	165	56962	43.67	ng	94
51) Acenaphthene	10.80	154	198006	40.10	ng	99
52) 3-Nitroaniline	10.73	138	32473	21.89	ng	95
53) 2,4-Dinitrophenol	10.86	184	39530	78.60	ng	100
54) Dibenzofuran	11.01	168	302939	40.17	ng	98
55) 4-Nitrophenol	10.97	139	85313	78.18	ng	88
56) 2,4-Dinitrotoluene	11.02	165	76462	45.26	ng	94
57) Fluorene	11.44	166	252151	41.25	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.17	232	57399	44.94	ng	100
59) Diethylphthalate	11.33	149	249523	40.82	ng	99
60) 4-Chlorophenyl-phenylether	11.46	204	113446	40.34	ng	95
61) 4-Nitroaniline	11.48	138	55832	37.24	ng	96
62) Azobenzene	11.65	77	237178	42.51	ng	83
64) 4,6-Dinitro-2-methylphenol	11.53	198	29202	37.56	ng	# 54
65) n-Nitrosodiphenylamine	11.61	169	220360	38.21	ng	99
66) 4-Bromophenyl-phenylether	12.05	248	67402	38.18	ng	96
67) Hexachlorobenzene	12.11	284	73233	37.85	ng	98
68) Atrazine	12.28	200	67913	40.66	ng	98
69) Pentachlorophenol	12.36	266	67137	78.42	ng	99
70) Phenanthrene	12.63	178	369078	38.27	ng	99
71) Anthracene	12.68	178	373066	39.26	ng	99
72) Carbazole	12.90	167	353060	39.65	ng	99
73) Di-n-butylphthalate	13.36	149	395446	39.20	ng	99
74) Fluoranthene	14.09	202	395682	38.91	ng	98
76) Benzidine	14.28	184	152316	23.26	ng	99
77) Pyrene	14.37	202	420294	40.64	ng	99
79) Butylbenzylphthalate	15.21	149	174779	44.34	ng	99
80) Benzo(a)anthracene	15.86	228	394744	40.27	ng	99
81) 3,3'-Dichlorobenzidine	15.84	252	50389	15.35	ng	# 96
82) Chrysene	15.91	228	356181	38.67	ng	99
83) Bis(2-ethylhexyl)phthalate	15.93	149	261436	42.28	ng	# 94
84) Di-n-octyl phthalate	16.72	149	451851	44.51	ng	# 100
85) Indeno(1,2,3-cd)pyrene	18.89	276	418994	40.09	ng	# 86
87) Benzo(b)fluoranthene	17.14	252	370068	38.04	ng	99
88) Benzo(k)fluoranthene	17.14	252	370068	42.81	ng	# 95
89) Benzo(a)pyrene	17.51	252	355984	41.93	ng	# 94
90) Dibenzo(a,h)anthracene	18.91	278	337844	39.75	ng	99
91) Benzo(g,h,i)perylene	19.27	276	339345	39.82	ng	99

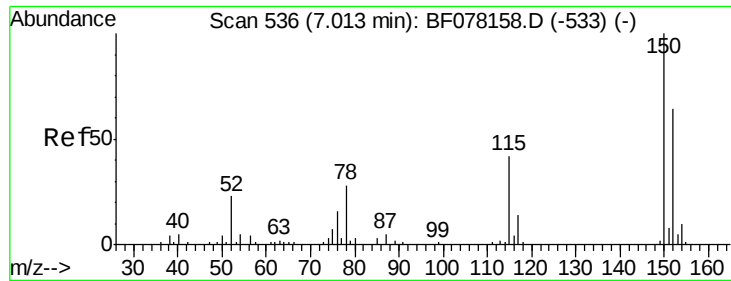
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040115\  
Data File : BF078167.D  
Acq On    : 1 Apr 2015 22:26  
Operator  : TP/IZ  
Sample    : PB82442BS  
Misc      :  
ALS Vial  : 14 Sample Multiplier: 1
```

Instrument :
BNA_F
ClientSampleId :
PB82442BS

Quant Time: Apr 02 04:04:53 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 02 04:05:08 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.01 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF078167.D

Acq: 1 Apr 2015 22:26

Instrument :

BNA_F

ClientSampleId :

PB82442BS

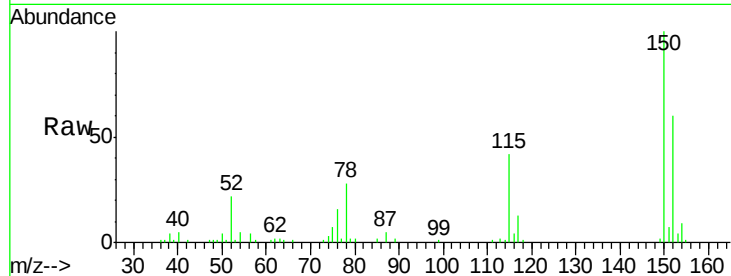
Tgt Ion:152 Resp: 39605

Ion Ratio Lower Upper

152 100

150 167.5 125.9 188.9

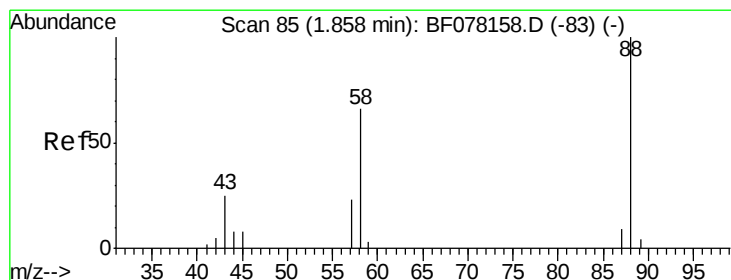
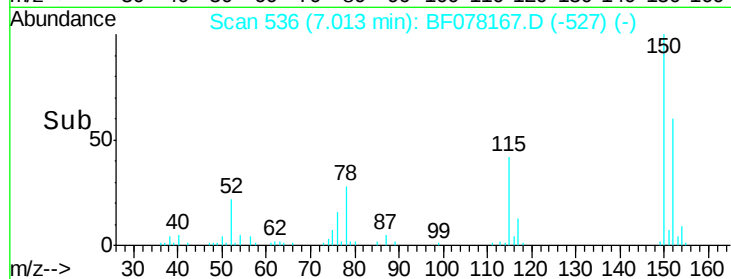
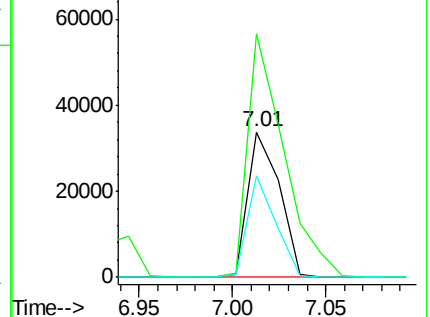
115 70.0 52.7 79.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 31.47 ng

RT: 1.88 min Scan# 87

Delta R.T. 0.02 min

Lab File: BF078167.D

Acq: 1 Apr 2015 22:26

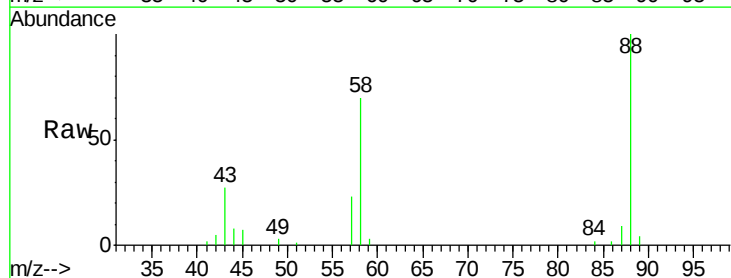
Tgt Ion: 88 Resp: 34185

Ion Ratio Lower Upper

88 100

58 75.4 56.9 85.3

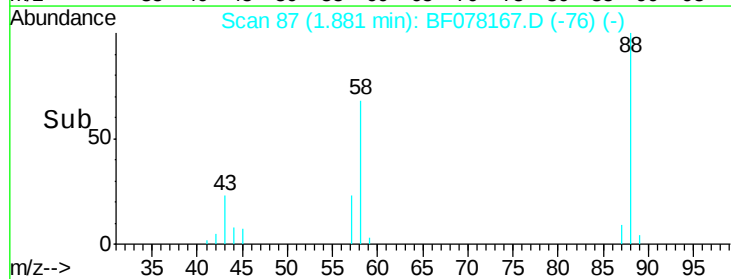
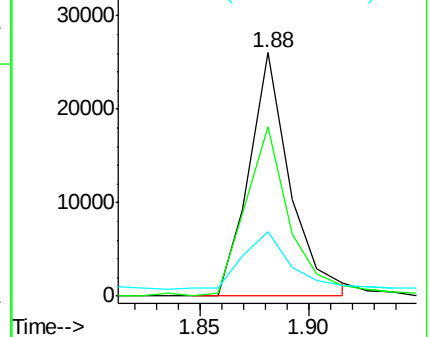
43 26.6 21.4 32.2

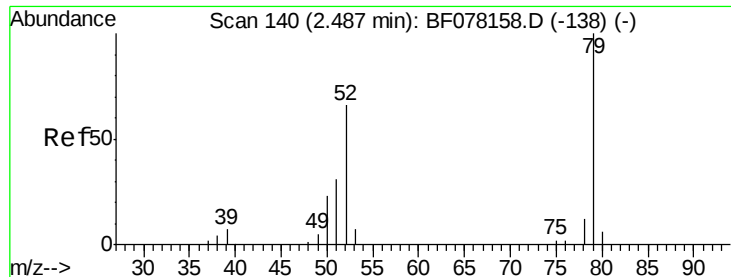


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 37.76 ng

RT: 2.51 min Scan# 142

Delta R.T. 0.02 min

Lab File: BF078167.D

Acq: 1 Apr 2015 22:26

Instrument :

BNA_F

ClientSampleId :

PB82442BS

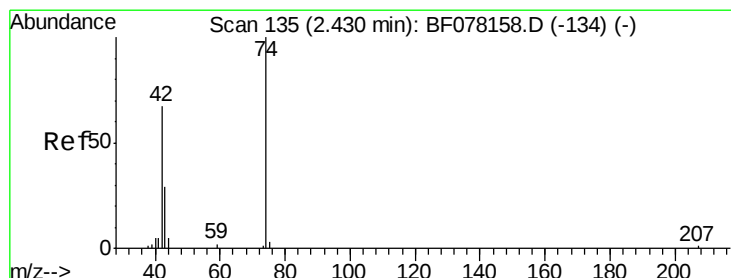
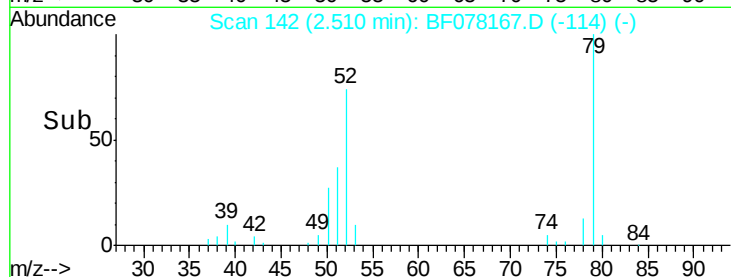
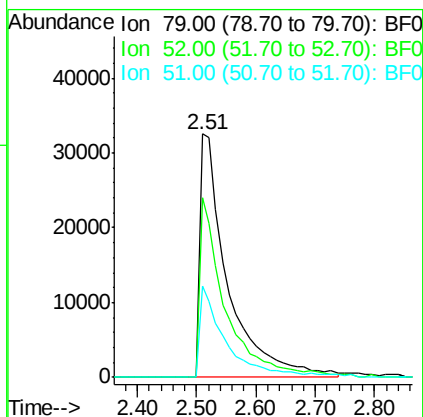
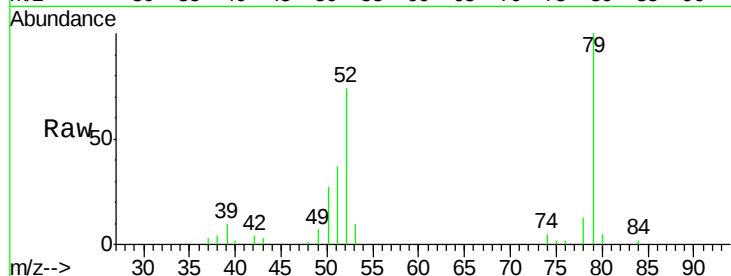
Tgt Ion: 79 Resp: 107436

Ion Ratio Lower Upper

79 100

52 73.7 52.4 78.6

51 37.5 24.9 37.3#



#4

n-Nitrosodimethylamine

Concen: 35.60 ng

RT: 2.45 min Scan# 137

Delta R.T. 0.02 min

Lab File: BF078167.D

Acq: 1 Apr 2015 22:26

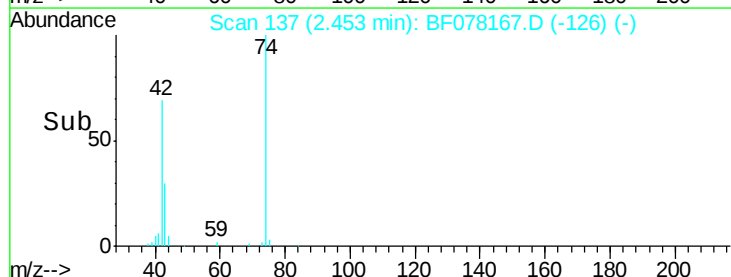
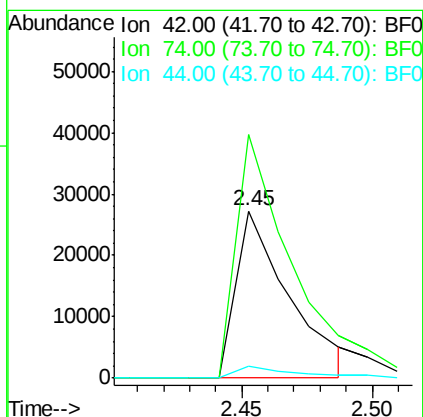
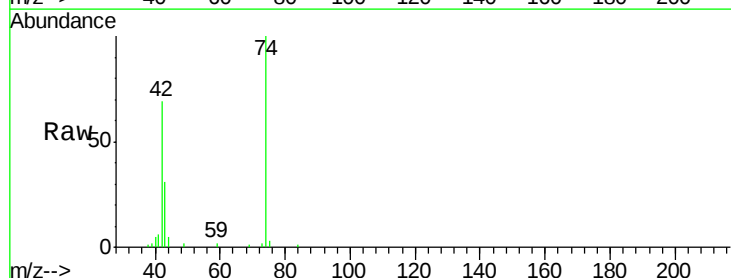
Tgt Ion: 42 Resp: 38986

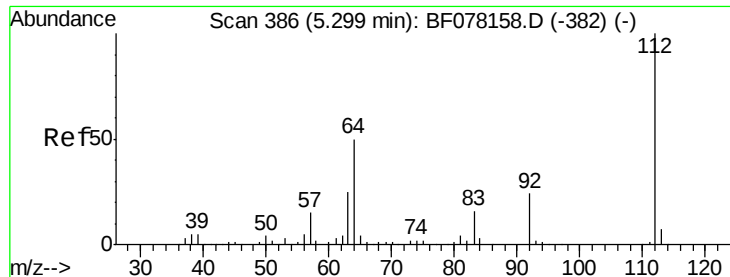
Ion Ratio Lower Upper

42 100

74 145.4 118.7 178.1

44 7.3 5.9 8.9

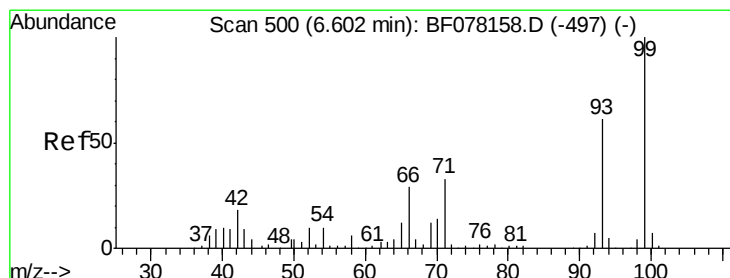
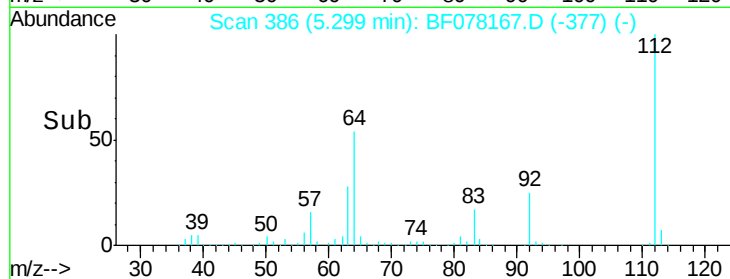
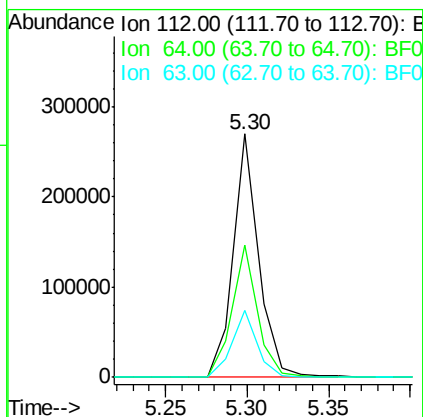
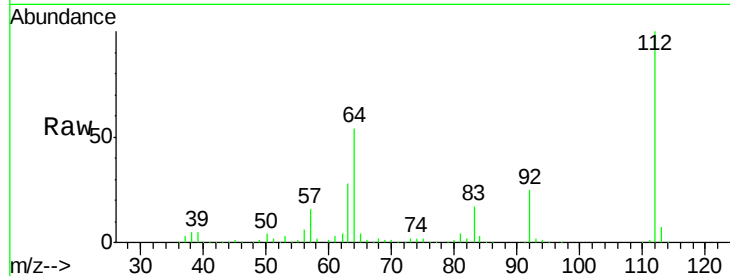




#5
 2-Fluorophenol
 Concen: 120.97 ng
 RT: 5.30 min Scan# 386
 Delta R.T. -0.00 min
 Lab File: BF078167.D
 Acq: 1 Apr 2015 22:26

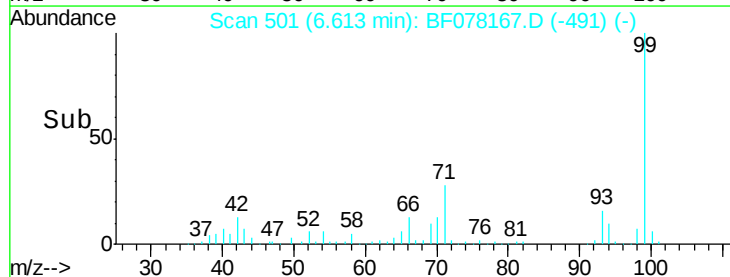
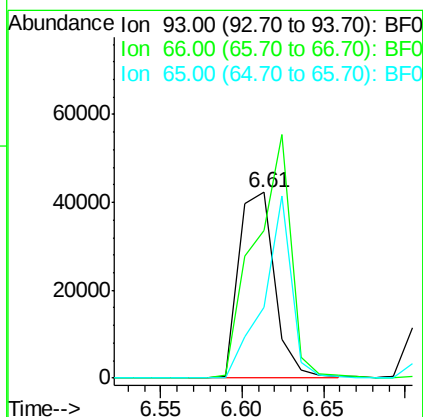
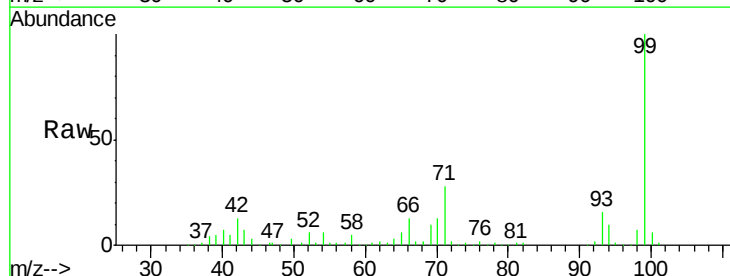
Instrument :
 BNA_F
 ClientSampleId :
 PB82442BS

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.3	39.9	59.9
63	27.7	20.2	30.4



#6
 Aniline
 Concen: 15.12 ng
 RT: 6.61 min Scan# 501
 Delta R.T. 0.01 min
 Lab File: BF078167.D
 Acq: 1 Apr 2015 22:26

Tgt Ion	Ratio	Lower	Upper
93	100		
66	79.7	38.0	57.0#
65	38.4	16.3	24.5#





#7

Phenol-d6

Concen: 123.77 ng

RT: 6.61 min Scan# 501

Delta R.T. 0.01 min

Lab File: BF078167.D

Acq: 1 Apr 2015 22:26

Instrument :

BNA_F

ClientSampleId :

PB82442BS

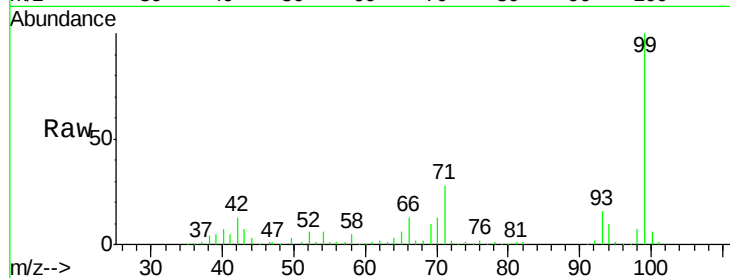
Tgt Ion: 99 Resp: 372602

Ion Ratio Lower Upper

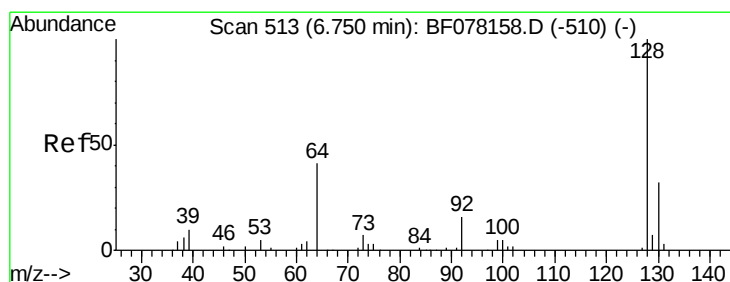
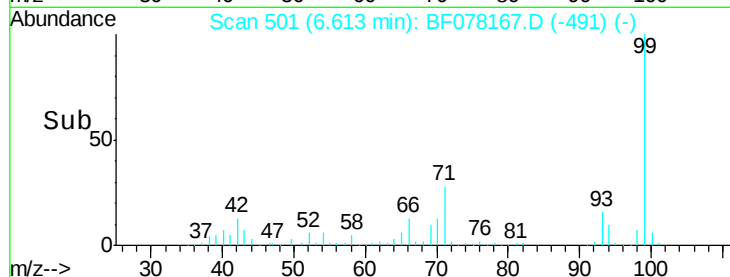
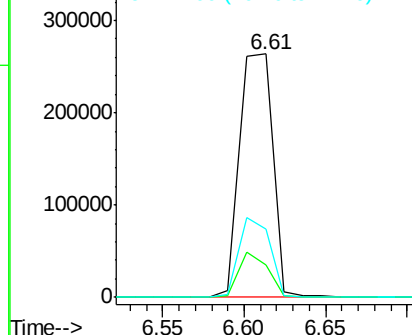
99 100

42 13.1 14.8 22.2#

71 27.8 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: 40.73 ng

RT: 6.75 min Scan# 513

Delta R.T. -0.00 min

Lab File: BF078167.D

Acq: 1 Apr 2015 22:26

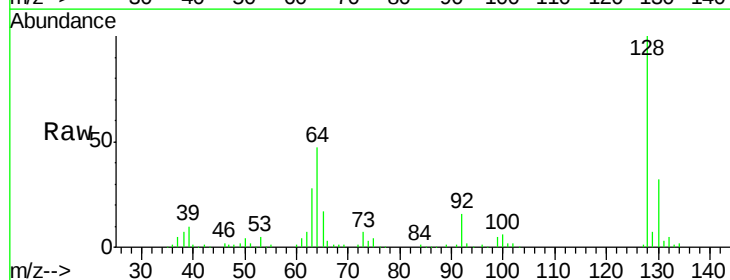
Tgt Ion: 128 Resp: 115685

Ion Ratio Lower Upper

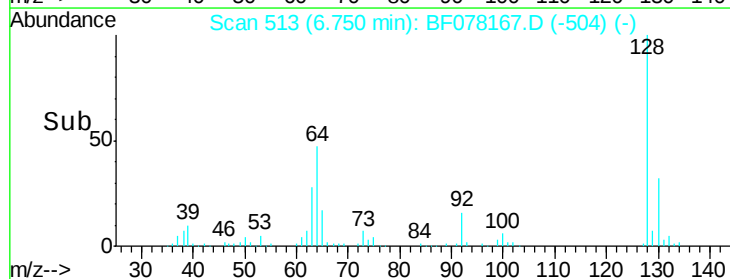
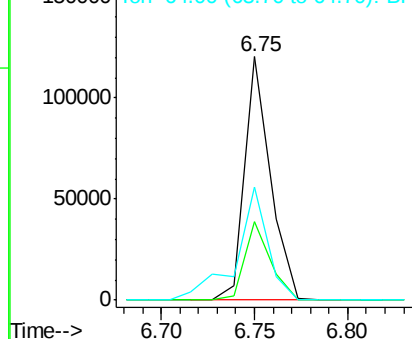
128 100

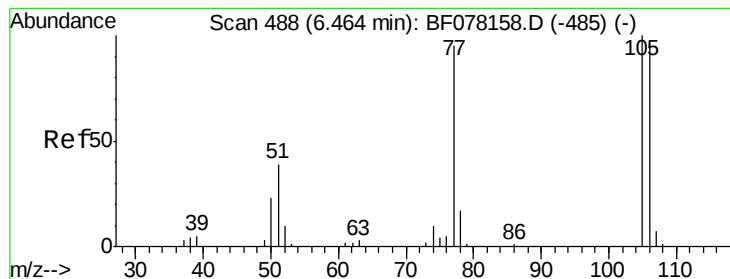
130 32.1 12.3 52.3

64 46.5 23.8 63.8



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





#9

Benzaldehyde

Concen: 1.54 ng

RT: 6.46 min Scan# 488

Delta R.T. -0.00 min

Lab File: BF078167.D

Acq: 1 Apr 2015 22:26

Instrument :

BNA_F

ClientSampleId :

PB82442BS

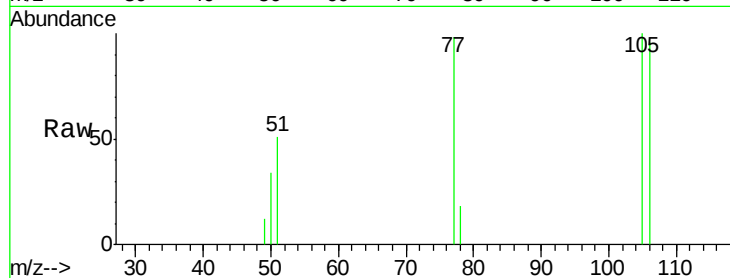
Tgt Ion: 77 Resp: 3066

Ion Ratio Lower Upper

77 100

105 101.8 85.4 125.4

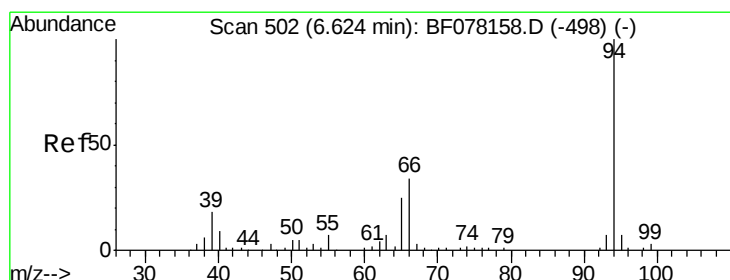
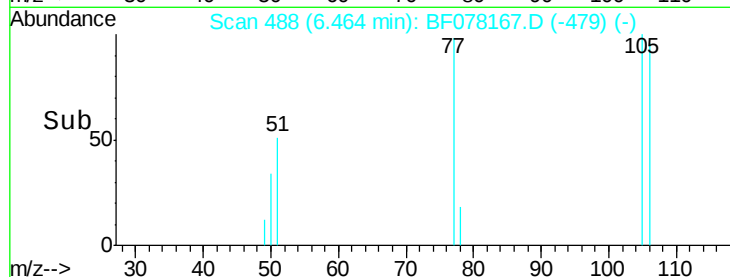
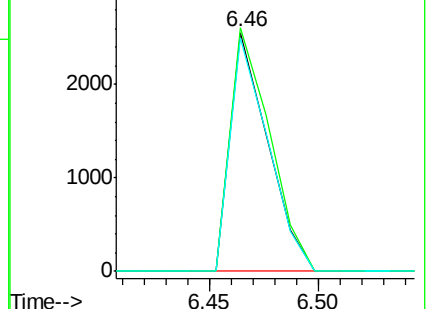
106 97.7 80.8 120.8



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: 40.19 ng

RT: 6.62 min Scan# 502

Delta R.T. -0.00 min

Lab File: BF078167.D

Acq: 1 Apr 2015 22:26

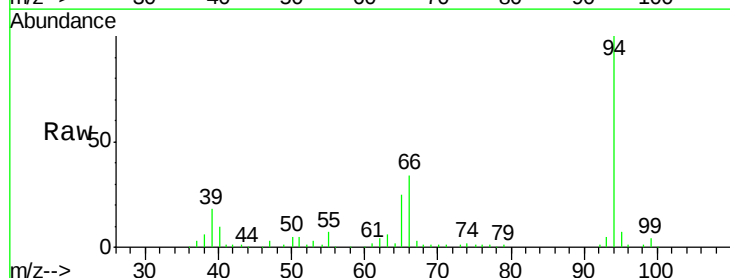
Tgt Ion: 94 Resp: 144954

Ion Ratio Lower Upper

94 100

65 25.4 4.9 44.9

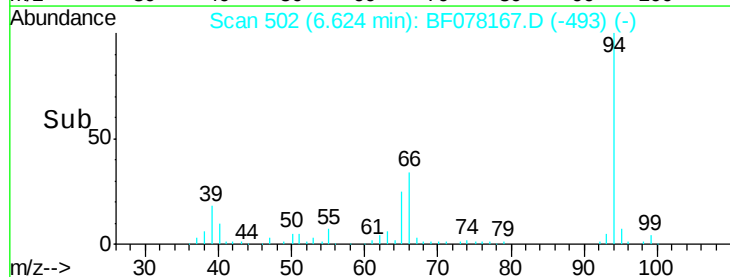
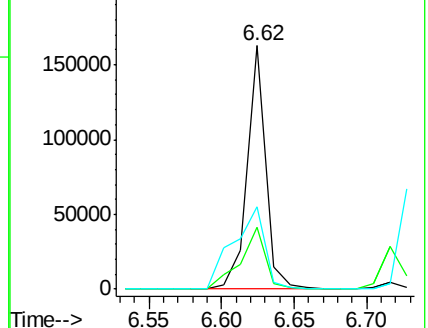
66 34.0 13.8 53.8

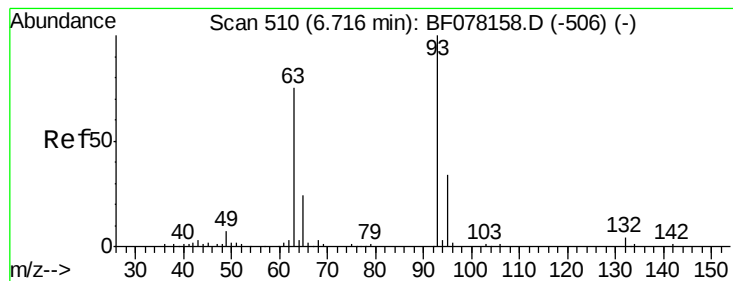


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 41.40 ng

RT: 6.72 min Scan# 510

Delta R.T. -0.00 min

Lab File: BF078167.D

Acq: 1 Apr 2015 22:26

Instrument :

BNA_F

ClientSampleId :

PB82442BS

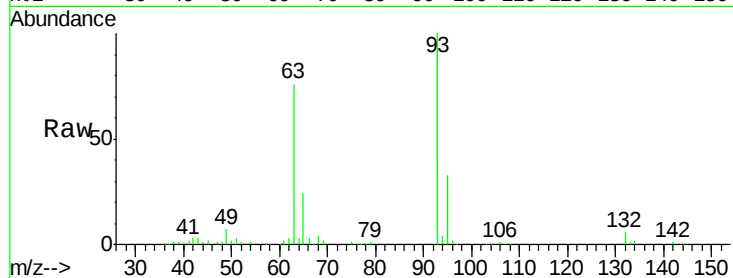
Tgt Ion: 93 Resp: 107400

Ion Ratio Lower Upper

93 100

63 76.5 54.6 94.6

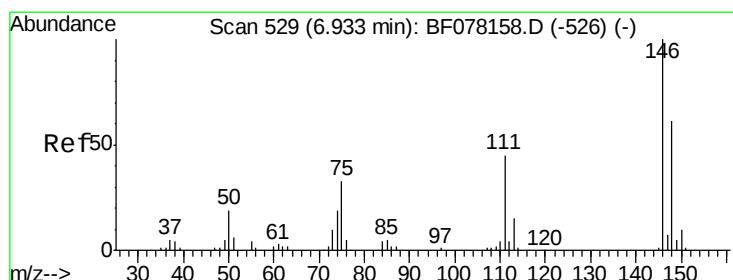
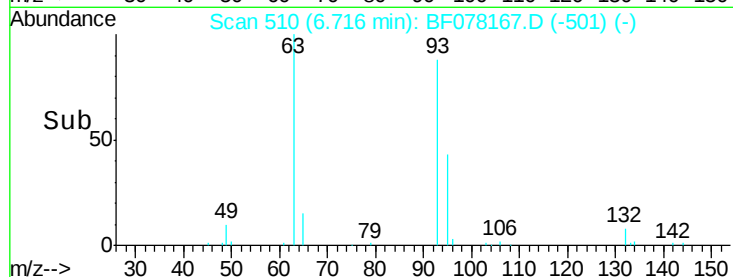
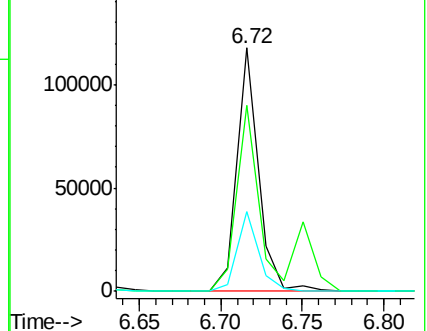
95 33.0 13.6 53.6



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 37.77 ng

RT: 6.94 min Scan# 530

Delta R.T. 0.01 min

Lab File: BF078167.D

Acq: 1 Apr 2015 22:26

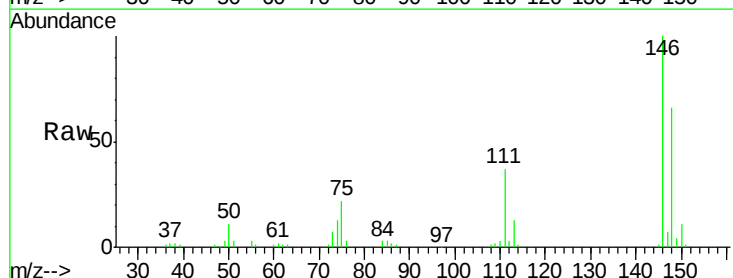
Tgt Ion: 146 Resp: 117856

Ion Ratio Lower Upper

146 100

148 66.3 49.1 73.7

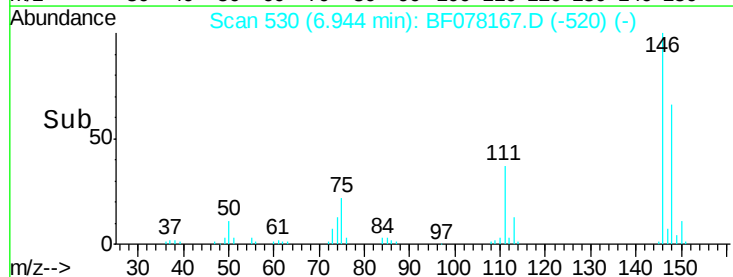
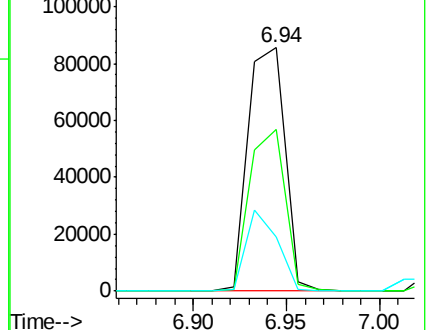
75 22.2 26.6 40.0#

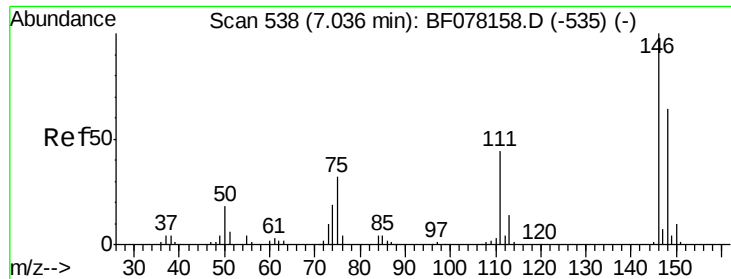


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

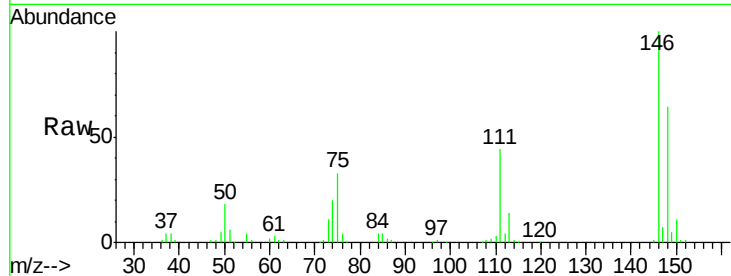




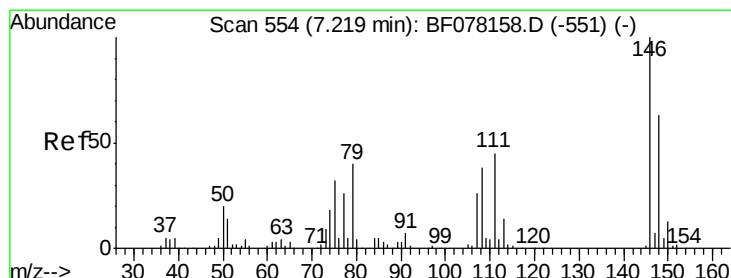
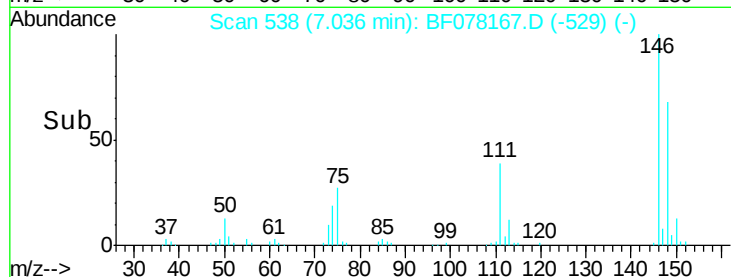
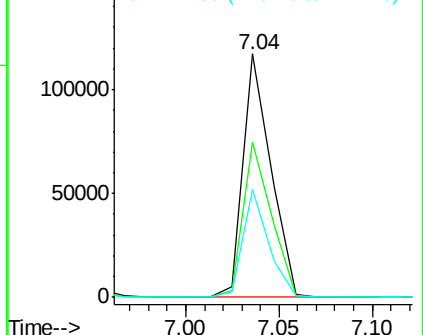
#13
 1,4-Dichlorobenzene
 Concen: 38.82 ng
 RT: 7.04 min Scan# 538
 Delta R.T. -0.00 min
 Lab File: BF078167.D
 Acq: 1 Apr 2015 22:26

Instrument :
 BNA_F
 ClientSampleId :
 PB82442BS

Tgt Ion:146 Resp: 121902
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.4 77.0
 111 44.3 35.0 52.4

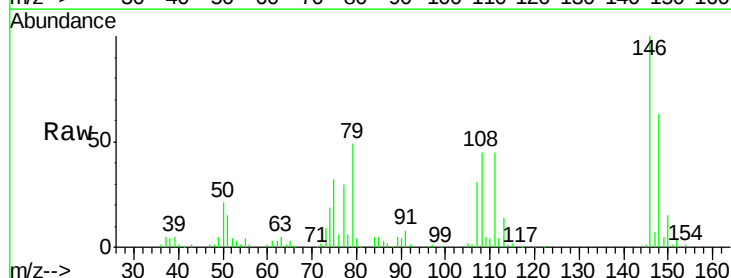


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

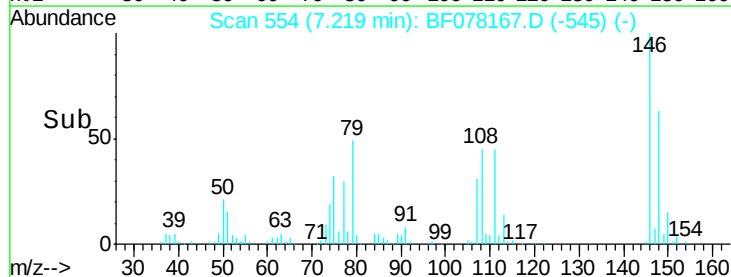
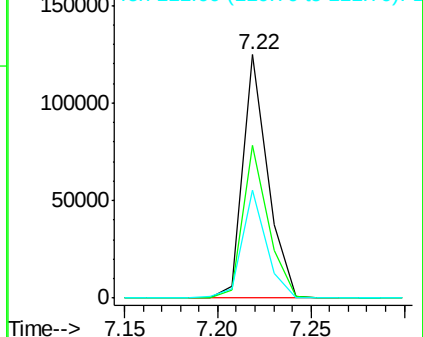


#14
 1,2-Dichlorobenzene
 Concen: 39.52 ng
 RT: 7.22 min Scan# 554
 Delta R.T. -0.00 min
 Lab File: BF078167.D
 Acq: 1 Apr 2015 22:26

Tgt Ion:146 Resp: 116379
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.2 75.4
 111 44.5 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: 40.86 ng

RT: 7.22 min Scan# 554

Delta R.T. 0.01 min

Lab File: BF078167.D

Acq: 1 Apr 2015 22:26

Instrument :

BNA_F

ClientSampleId :

PB82442BS

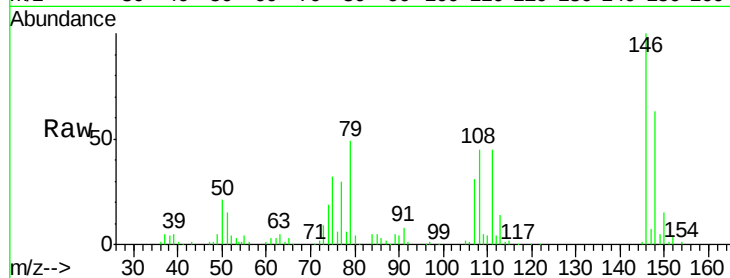
Tgt Ion: 79 Resp: 86437

Ion Ratio Lower Upper

79 100

108 91.9 57.6 86.4#

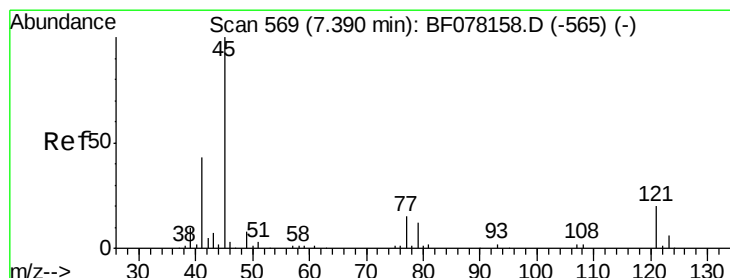
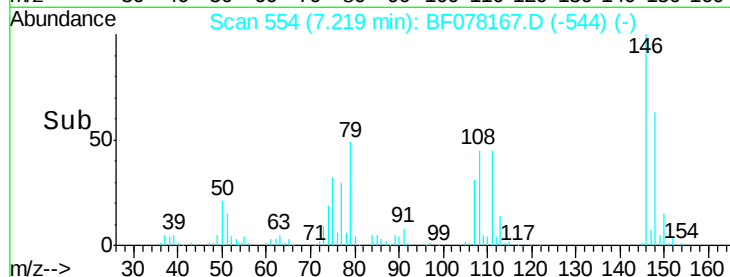
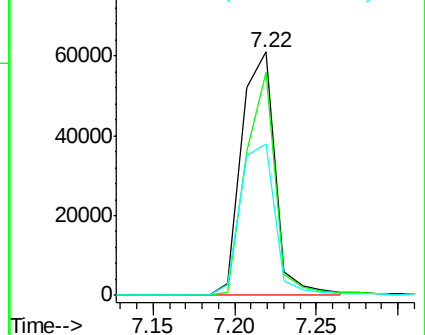
77 62.2 53.5 80.3



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: 40.35 ng

RT: 7.39 min Scan# 569

Delta R.T. -0.00 min

Lab File: BF078167.D

Acq: 1 Apr 2015 22:26

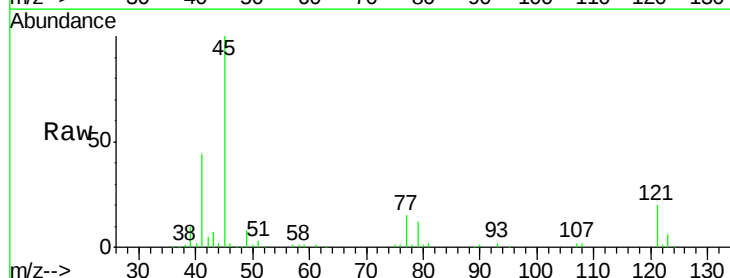
Tgt Ion: 45 Resp: 139616

Ion Ratio Lower Upper

45 100

77 15.0 0.0 34.5

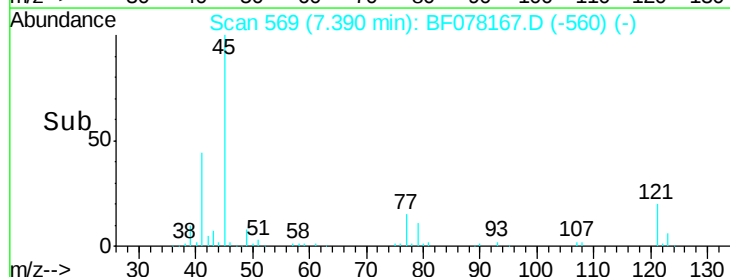
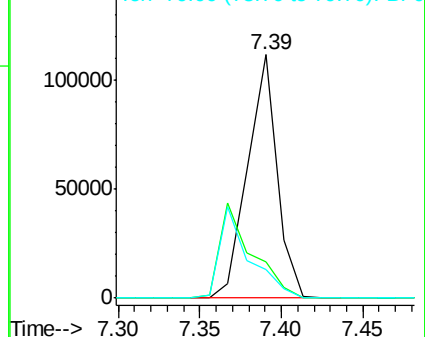
79 11.9 0.0 31.9

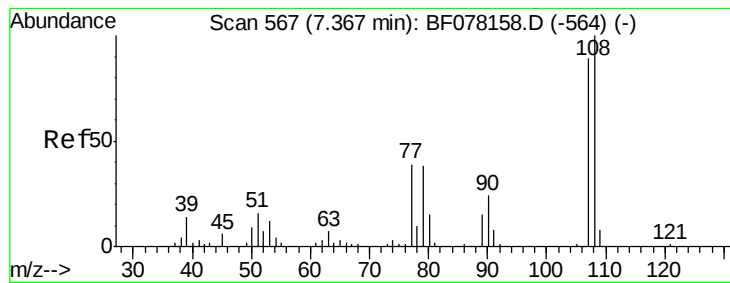


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

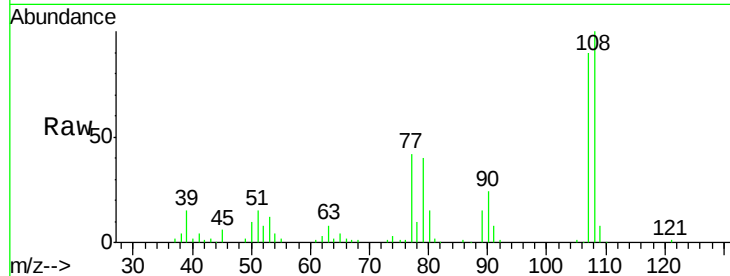




#17
2-Methylphenol
Concen: 41.31 ng
RT: 7.37 min Scan# 567
Delta R.T. -0.00 min
Lab File: BF078167.D
Acq: 1 Apr 2015 22:26

Instrument :
BNA_F
ClientSampleId :
PB82442BS

Tgt Ion:	107	Resp:	91109
Ion	Ratio	Lower	Upper
107	100		
108	111.7	90.3	135.5
77	46.4	35.5	53.3
79	44.5	34.2	51.4



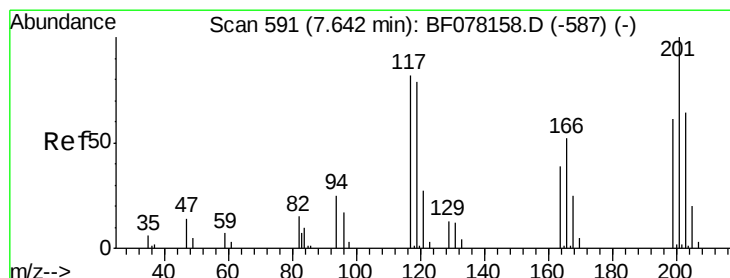
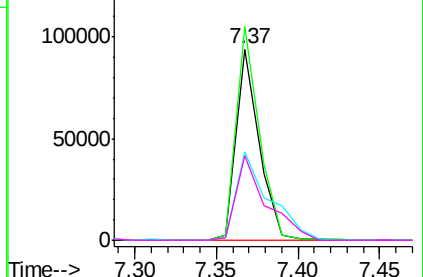
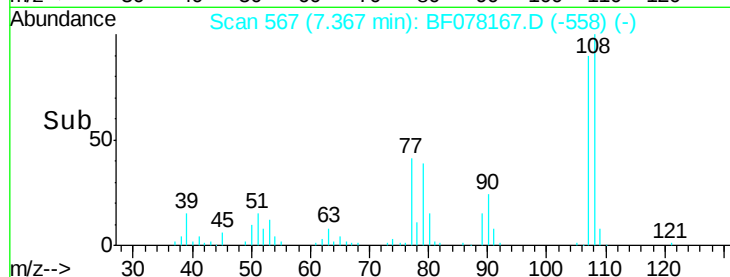
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

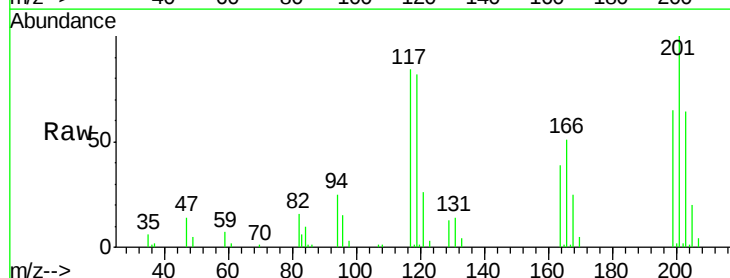
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 39.44 ng
RT: 7.64 min Scan# 591
Delta R.T. -0.00 min
Lab File: BF078167.D
Acq: 1 Apr 2015 22:26

Tgt Ion:	117	Resp:	41764
Ion	Ratio	Lower	Upper
117	100		
119	98.4	77.0	115.6
201	119.5	98.1	147.1

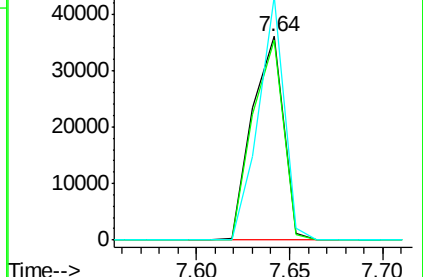
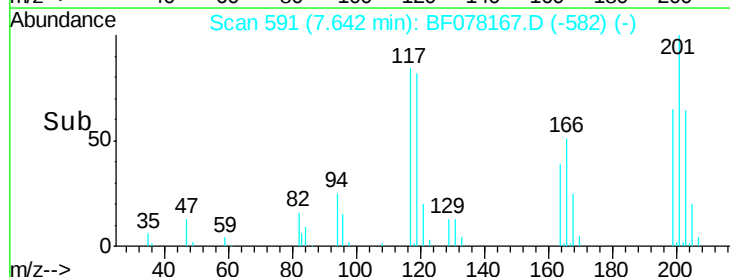


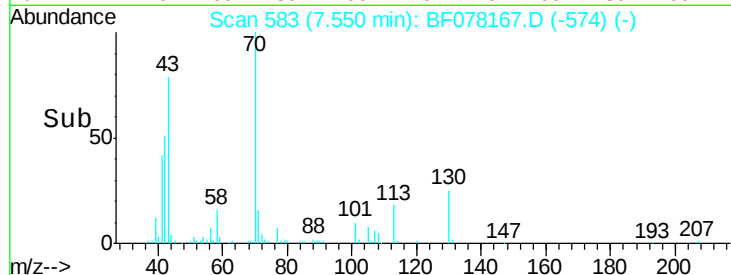
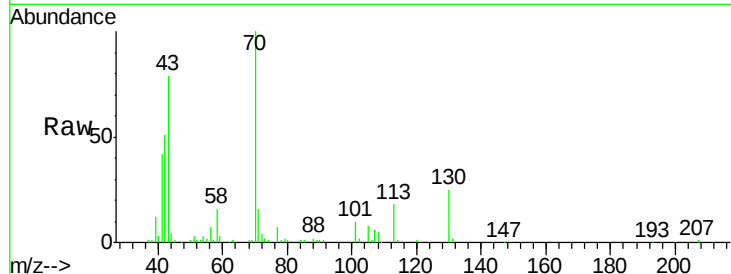
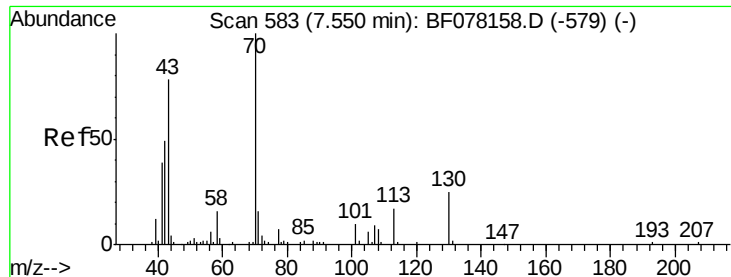
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

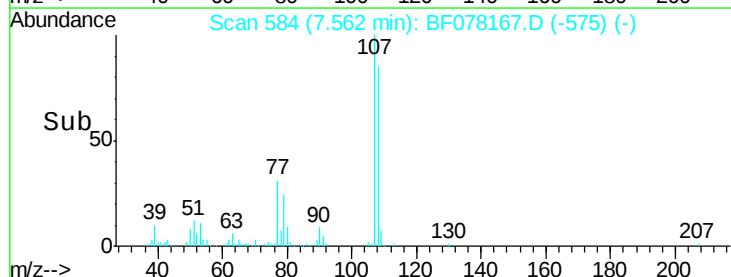
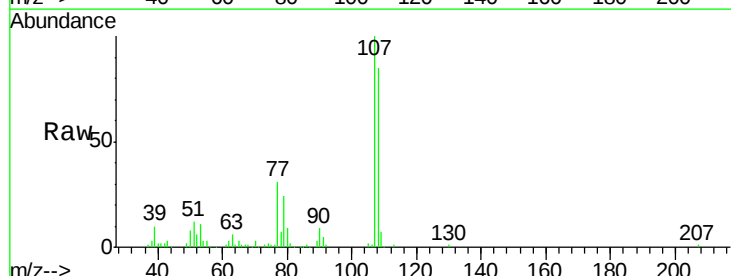
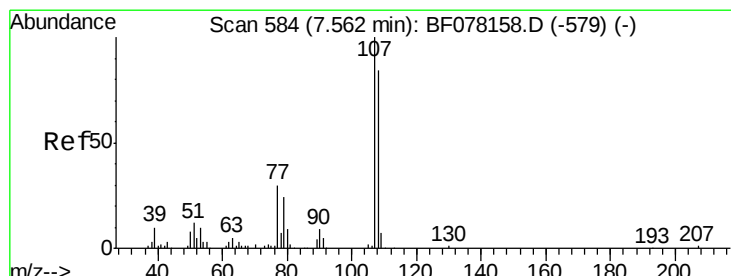
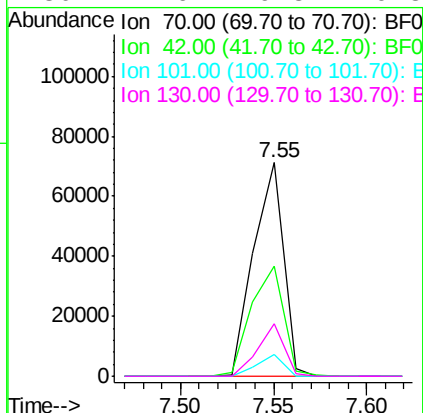




#19
n-Nitroso-di-n-propylamine
Concen: 39.68 ng
RT: 7.55 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF078167.D
Acq: 1 Apr 2015 22:26

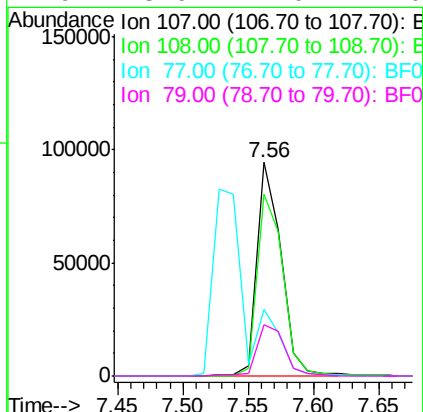
Instrument :
BNA_F
ClientSampleId :
PB82442BS

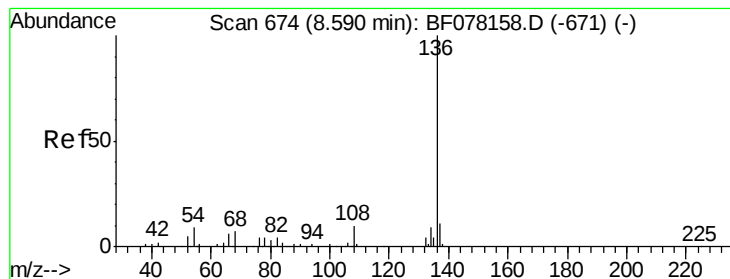
Tgt Ion:	70	Resp:	78817
Ion	Ratio	Lower	Upper
70	100		
42	51.5	38.9	58.3
101	10.5	8.3	12.5
130	24.6	19.8	29.8



#20
3+4-Methylphenols
Concen: 42.07 ng
RT: 7.56 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF078167.D
Acq: 1 Apr 2015 22:26

Tgt Ion:	107	Resp:	123756
Ion	Ratio	Lower	Upper
107	100		
108	84.8	64.4	104.4
77	31.2	9.7	49.7
79	23.9	4.0	44.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.59 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF078167.D

Acq: 1 Apr 2015 22:26

Instrument :

BNA_F

ClientSampleId :

PB82442BS

Tgt Ion:136 Resp: 165780

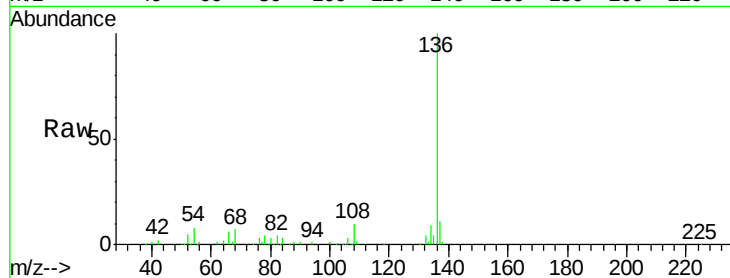
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 8.5 7.0 10.6

68 6.5 5.4 8.2

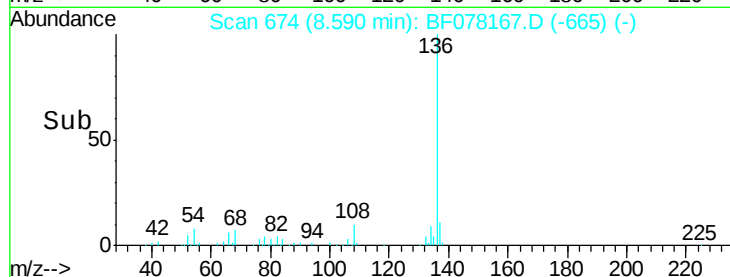


Abundance Ion 136.00 (135.70 to 136.70): E

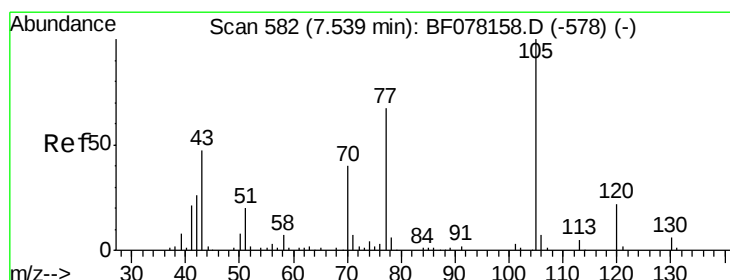
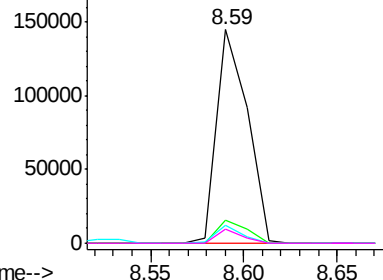
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 40.72 ng

RT: 7.54 min Scan# 582

Delta R.T. -0.00 min

Lab File: BF078167.D

Acq: 1 Apr 2015 22:26

Tgt Ion:105 Resp: 157271

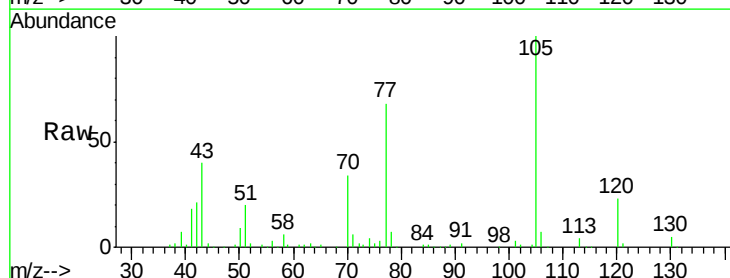
Ion Ratio Lower Upper

105 100

71 6.0 5.5 8.3

51 19.9 16.0 24.0

120 22.6 17.8 26.6

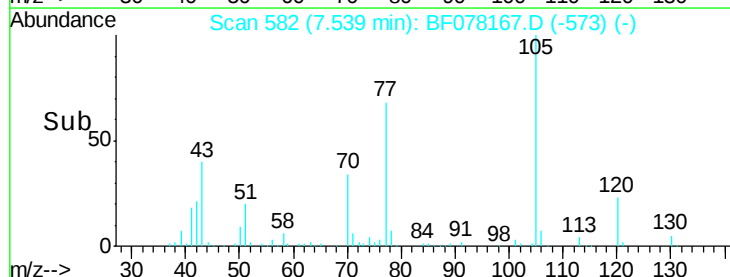


Abundance Ion 105.00 (104.70 to 105.70): E

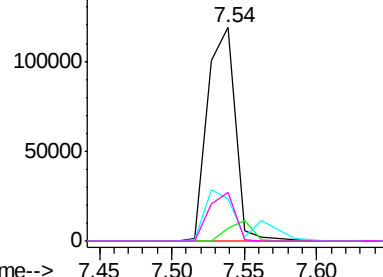
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

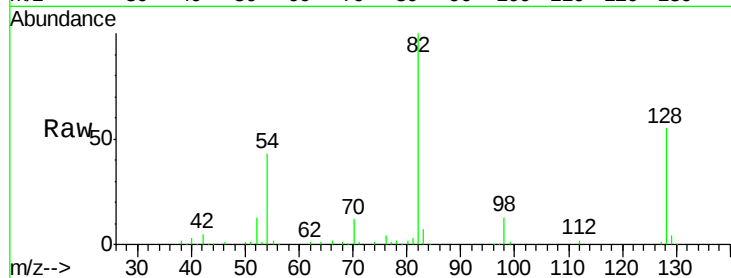




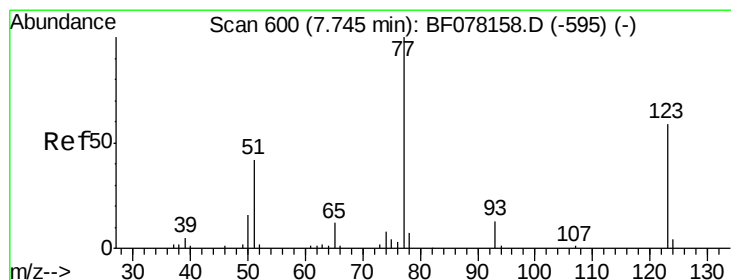
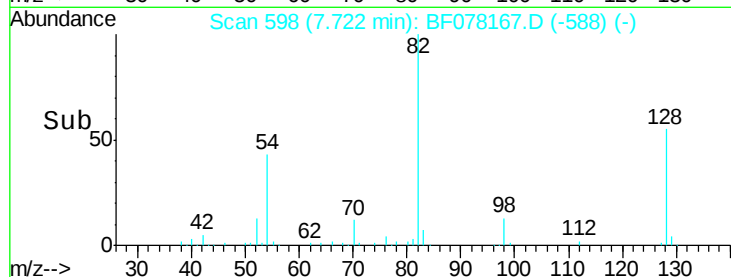
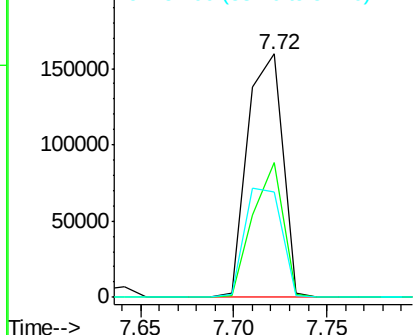
#23
 Nitrobenzene-d5
 Concen: 76.16 ng
 RT: 7.72 min Scan# 598
 Delta R.T. 0.01 min
 Lab File: BF078167.D
 Acq: 1 Apr 2015 22:26

Instrument :
 BNA_F
 ClientSampleId :
 PB82442BS

Tgt Ion: 82 Resp: 208298
 Ion Ratio Lower Upper
 82 100
 128 55.3 31.8 47.8#
 54 43.2 41.5 62.3

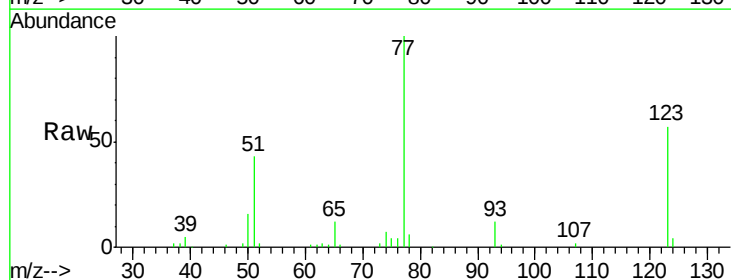


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

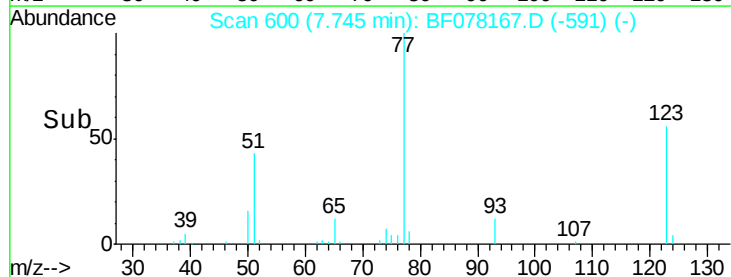
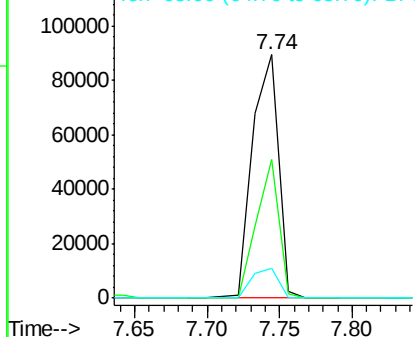


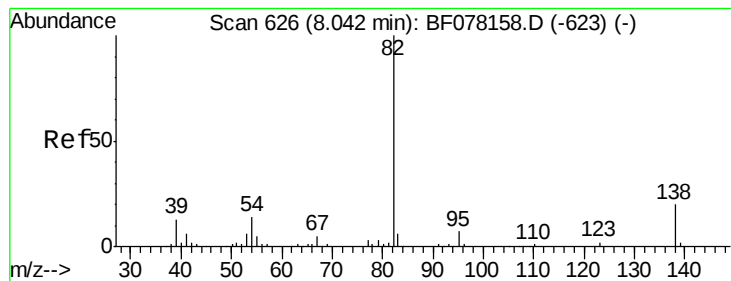
#24
 Nitrobenzene
 Concen: 38.96 ng
 RT: 7.74 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF078167.D
 Acq: 1 Apr 2015 22:26

Tgt Ion: 77 Resp: 111386
 Ion Ratio Lower Upper
 77 100
 123 57.0 46.9 70.3
 65 12.1 9.5 14.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.97 ng

RT: 8.04 min Scan# 626

Delta R.T. -0.00 min

Lab File: BF078167.D

Acq: 1 Apr 2015 22:26

Instrument :

BNA_F

ClientSampleId :

PB82442BS

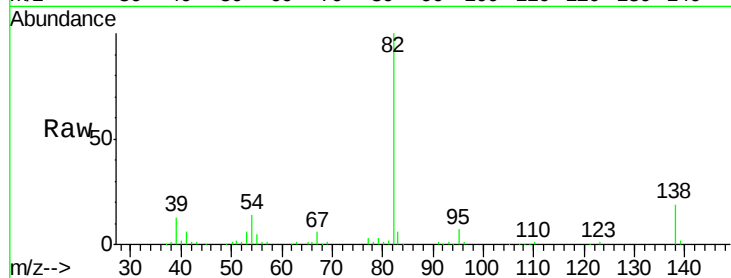
Tgt Ion: 82 Resp: 207475

Ion Ratio Lower Upper

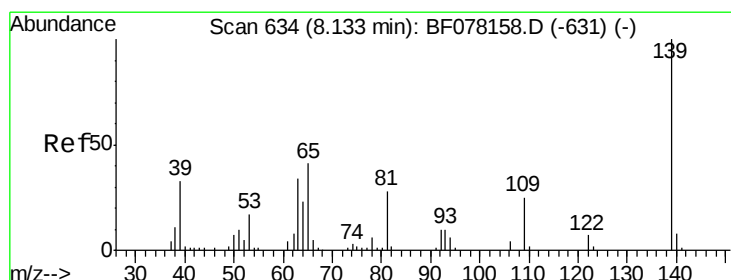
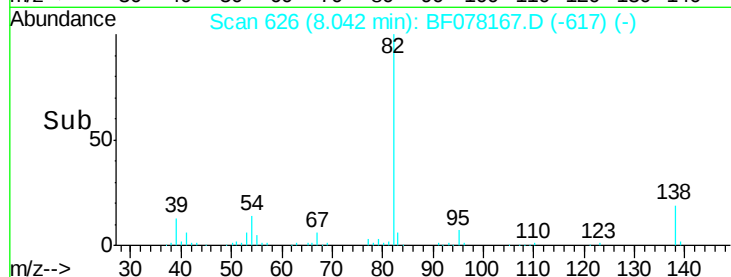
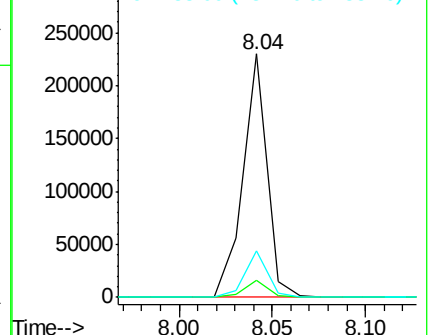
82 100

95 6.9 5.7 8.5

138 19.2 15.8 23.8



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 42.16 ng

RT: 8.13 min Scan# 634

Delta R.T. -0.00 min

Lab File: BF078167.D

Acq: 1 Apr 2015 22:26

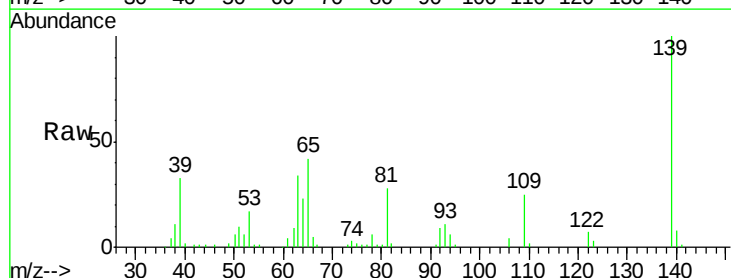
Tgt Ion: 139 Resp: 57448

Ion Ratio Lower Upper

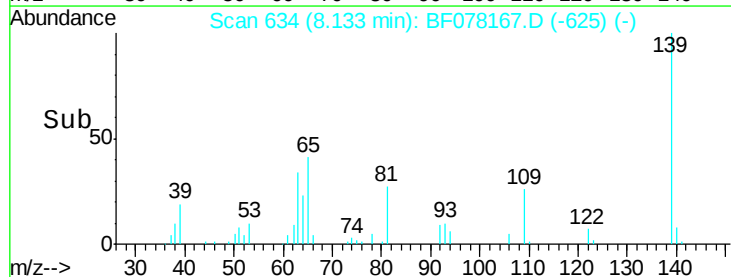
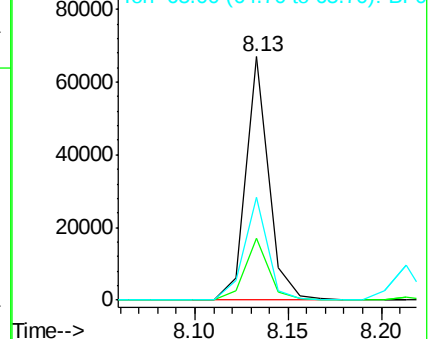
139 100

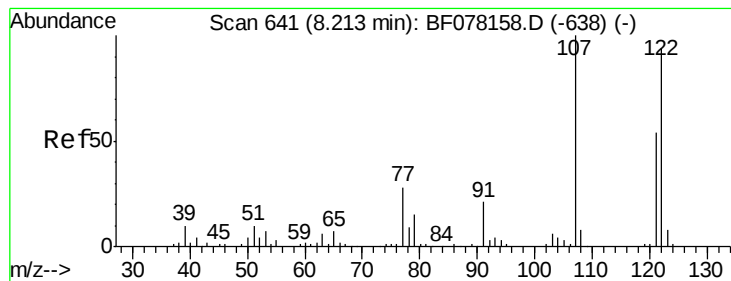
109 25.3 19.8 29.8

65 42.1 32.7 49.1



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





#27

2,4-Dimethylphenol

Concen: 40.48 ng

RT: 8.21 min Scan# 641

Delta R.T. -0.00 min

Lab File: BF078167.D

Acq: 1 Apr 2015 22:26

Instrument :

BNA_F

ClientSampleId :

PB82442BS

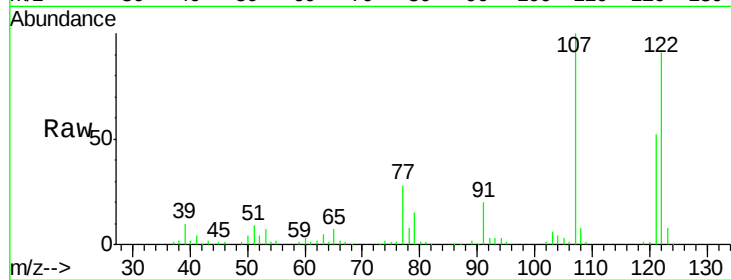
Tgt Ion: 122 Resp: 102569

Ion Ratio Lower Upper

122 100

107 109.9 84.6 127.0

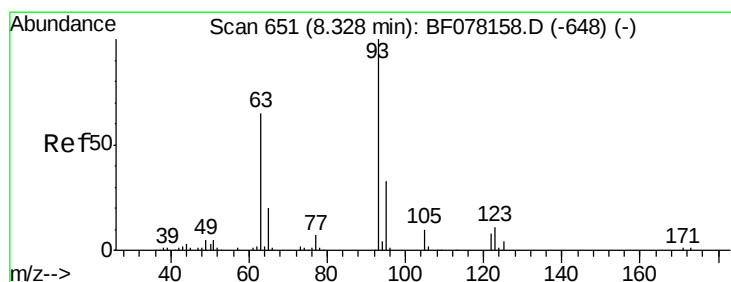
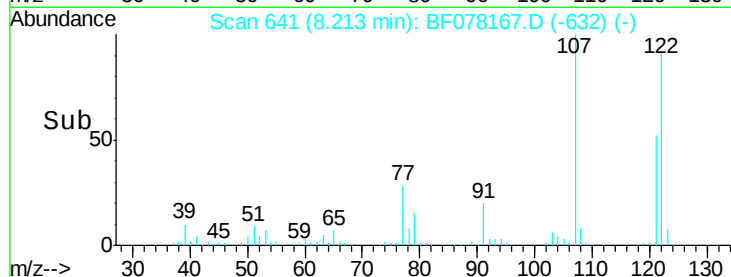
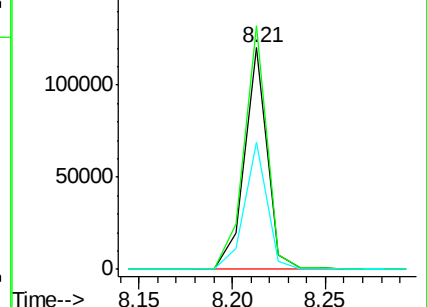
121 57.7 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.58 ng

RT: 8.33 min Scan# 651

Delta R.T. -0.00 min

Lab File: BF078167.D

Acq: 1 Apr 2015 22:26

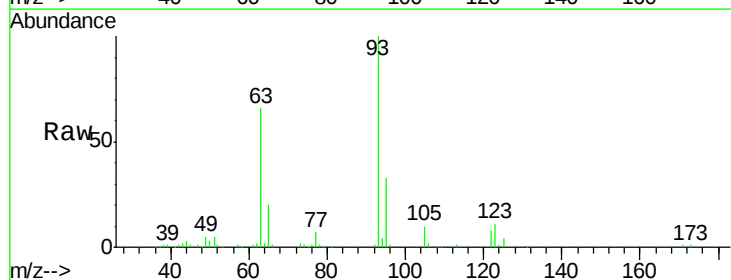
Tgt Ion: 93 Resp: 131757

Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

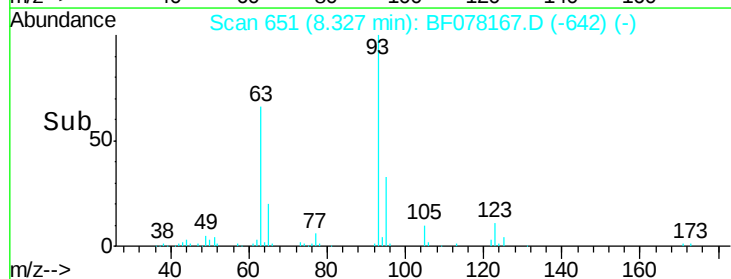
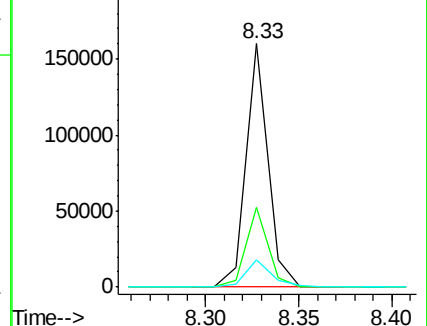
123 11.1 9.1 13.7

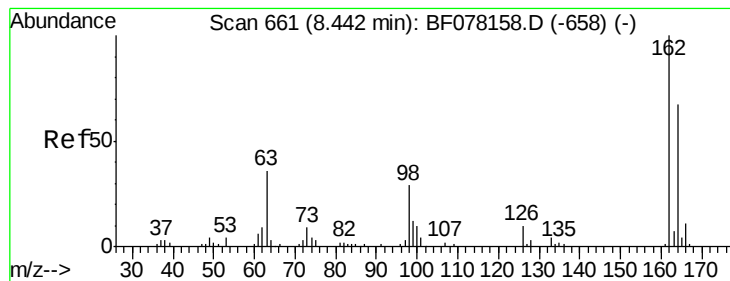


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.39 ng

RT: 8.44 min Scan# 661

Delta R.T. -0.00 min

Lab File: BF078167.D

Acq: 1 Apr 2015 22:26

Instrument :

BNA_F

ClientSampleId :

PB82442BS

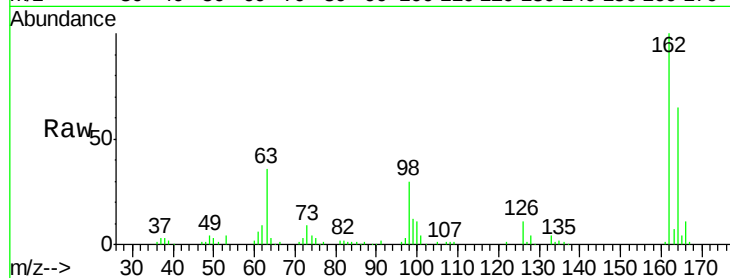
Tgt Ion:162 Resp: 95407

Ion Ratio Lower Upper

162 100

164 65.0 47.0 87.0

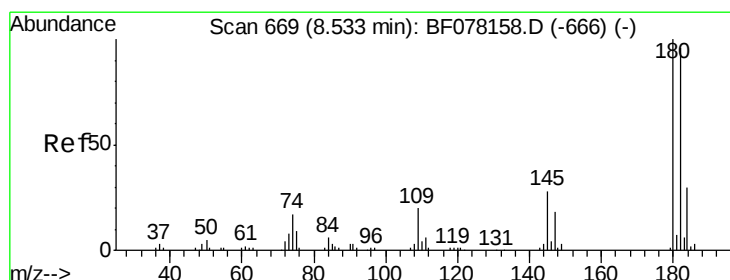
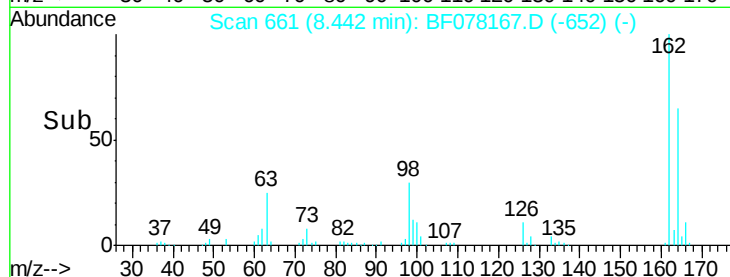
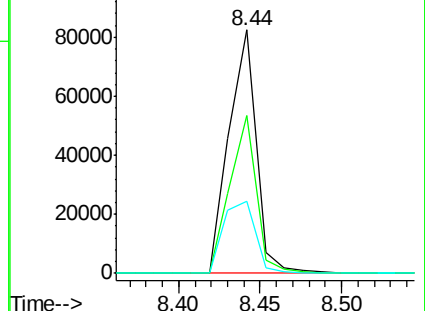
98 29.7 9.2 49.2



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: 38.03 ng

RT: 8.53 min Scan# 669

Delta R.T. -0.00 min

Lab File: BF078167.D

Acq: 1 Apr 2015 22:26

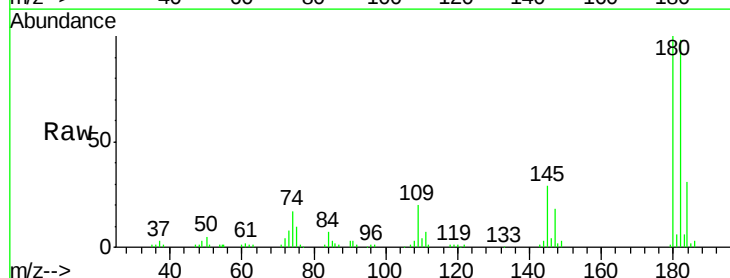
Tgt Ion:180 Resp: 100513

Ion Ratio Lower Upper

180 100

182 98.0 76.9 115.3

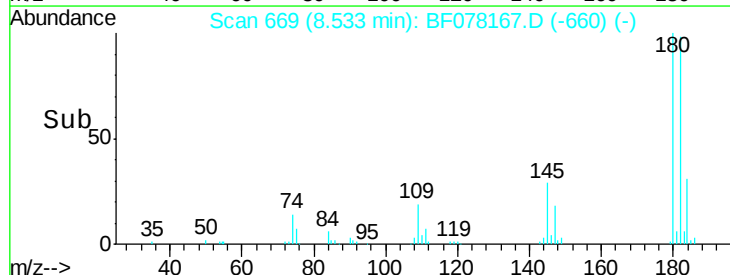
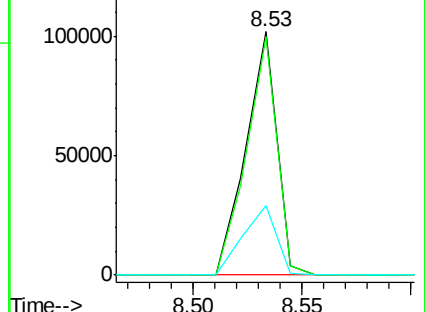
145 28.7 22.5 33.7

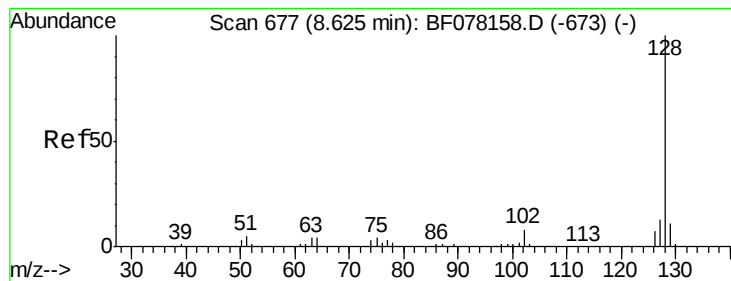


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.53 ng

RT: 8.62 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF078167.D

Acq: 1 Apr 2015 22:26

Instrument :

BNA_F

ClientSampleId :

PB82442BS

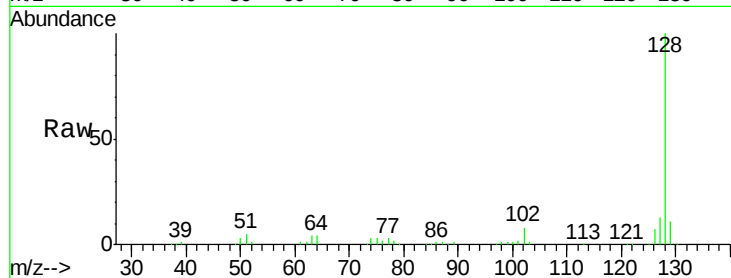
Tgt Ion:128 Resp: 332445

Ion Ratio Lower Upper

128 100

129 10.6 8.6 12.8

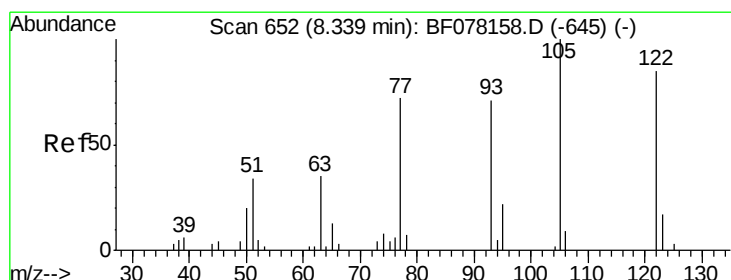
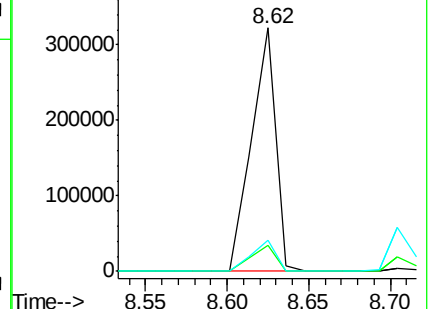
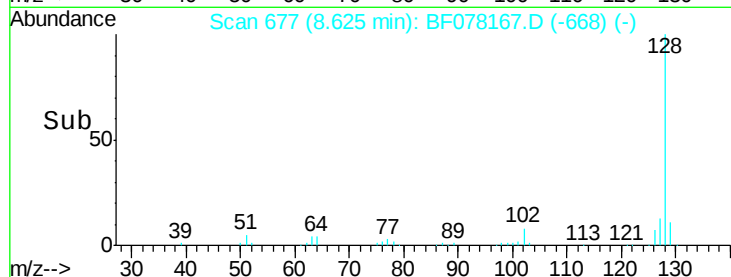
127 12.7 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.92 ng

RT: 8.34 min Scan# 652

Delta R.T. 0.00 min

Lab File: BF078167.D

Acq: 1 Apr 2015 22:26

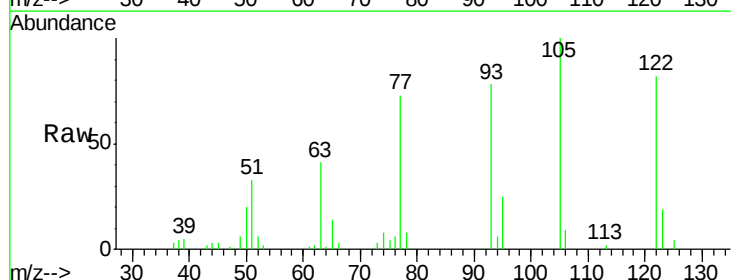
Tgt Ion:122 Resp: 43530

Ion Ratio Lower Upper

122 100

105 121.7 96.1 136.1

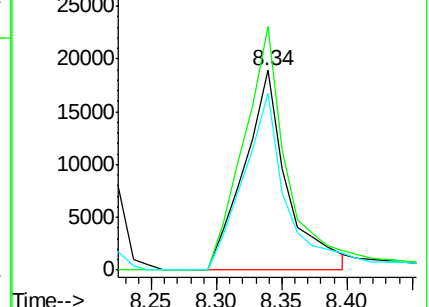
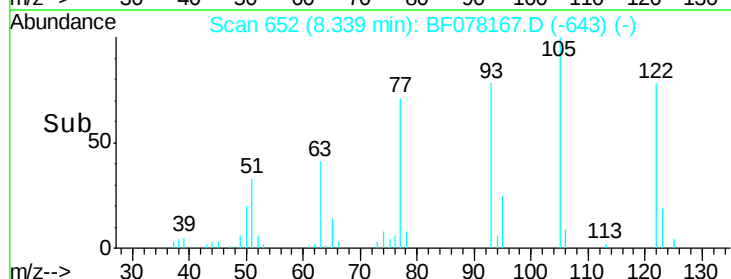
77 88.3 64.1 104.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

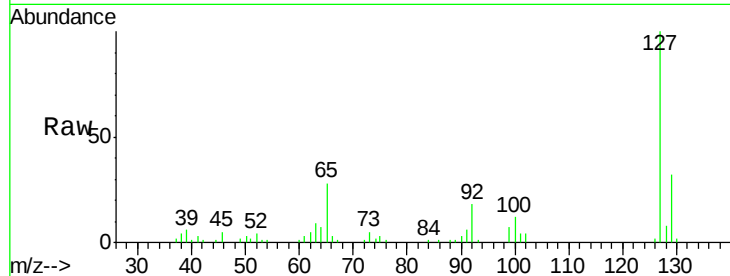




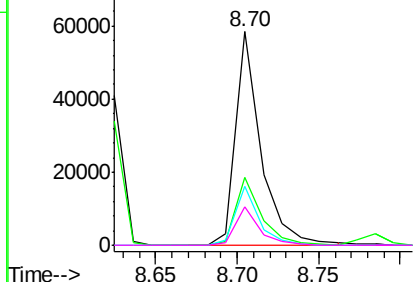
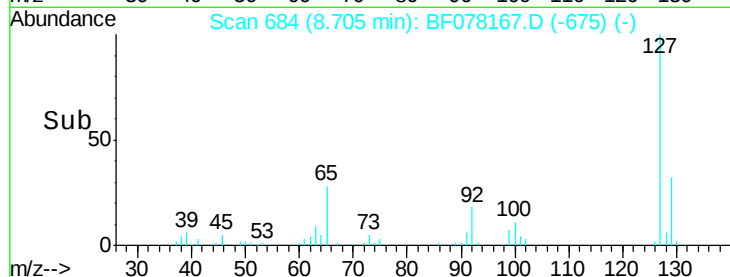
#33
4-Chloroaniline
Concen: 17.34 ng
RT: 8.70 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF078167.D
Acq: 1 Apr 2015 22:26

Instrument :
BNA_F
ClientSampleId :
PB82442BS

Tgt Ion:	127	Resp:	62071
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.5	38.3
65	27.8	21.7	32.5
92	18.0	14.6	21.8

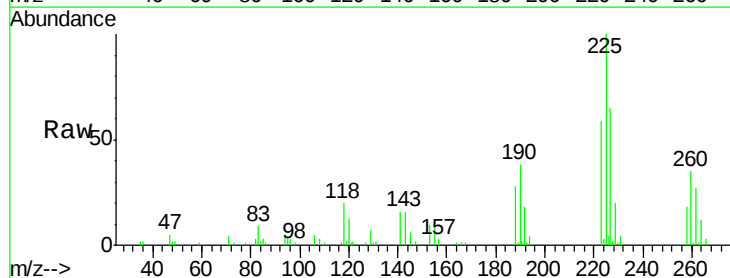


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

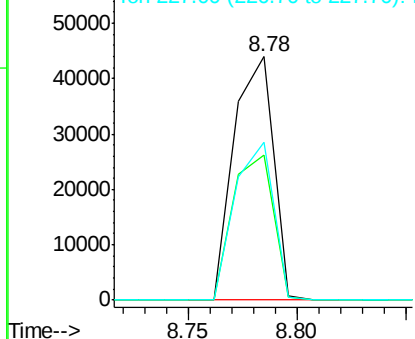
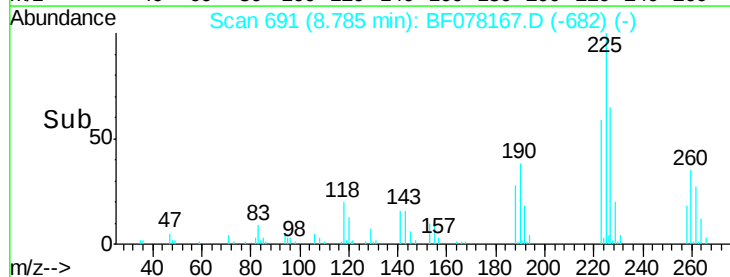


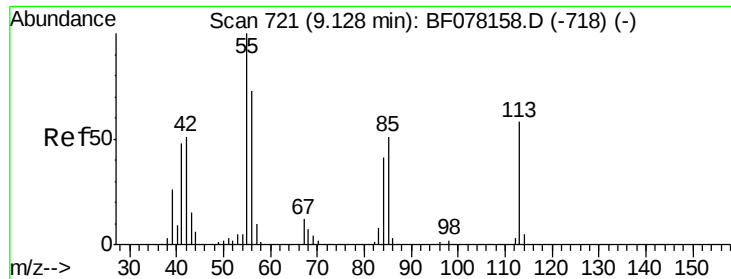
#34
Hexachlorobutadiene
Concen: 38.12 ng
RT: 8.78 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF078167.D
Acq: 1 Apr 2015 22:26

Tgt Ion:	225	Resp:	55321
Ion	Ratio	Lower	Upper
225	100		
223	59.4	47.5	71.3
227	64.9	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

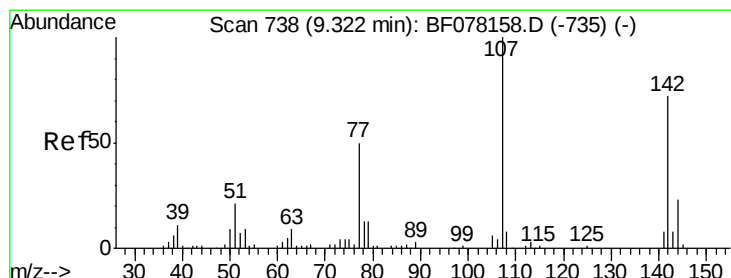
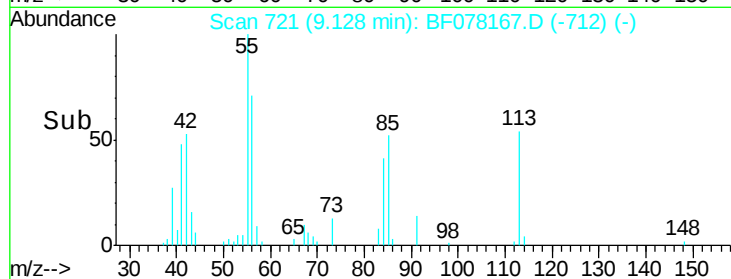
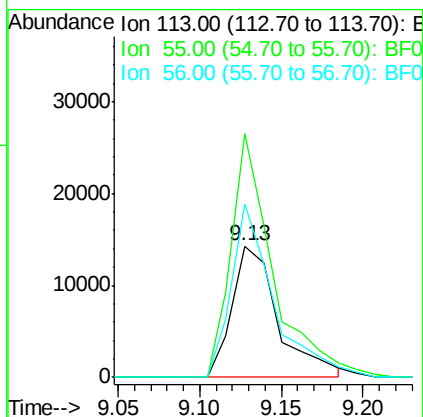
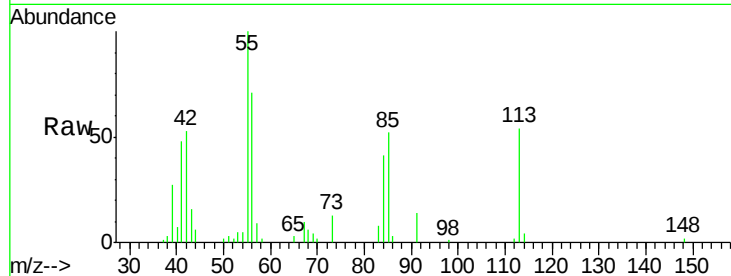




#35
 Caprolactam
 Concen: 40.88 ng
 RT: 9.13 min Scan# 721
 Delta R.T. -0.00 min
 Lab File: BF078167.D
 Acq: 1 Apr 2015 22:26

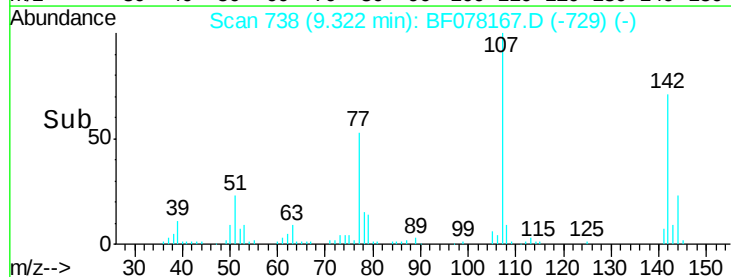
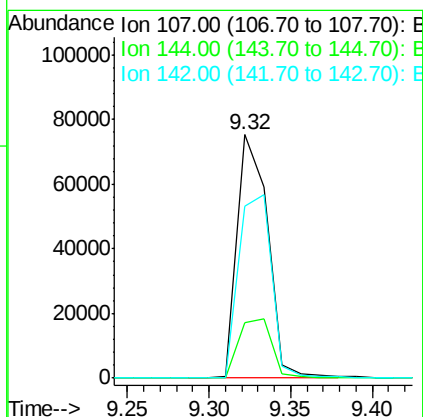
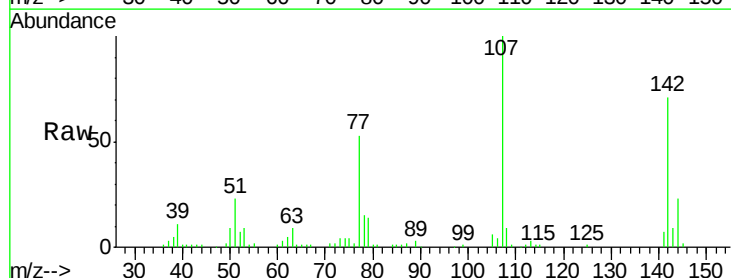
Instrument :
 BNA_F
 ClientSampleId :
 PB82442BS

Tgt Ion:113 Resp: 28130
 Ion Ratio Lower Upper
 113 100
 55 185.1 151.9 191.9
 56 131.8 106.1 146.1



#36
 4-Chloro-3-methylphenol
 Concen: 41.87 ng
 RT: 9.32 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF078167.D
 Acq: 1 Apr 2015 22:26

Tgt Ion:107 Resp: 97385
 Ion Ratio Lower Upper
 107 100
 144 22.6 18.2 27.2
 142 70.9 58.0 87.0

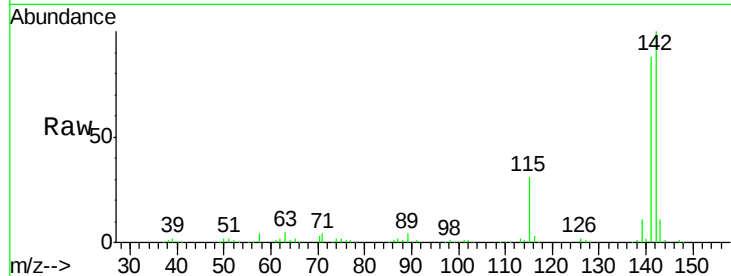




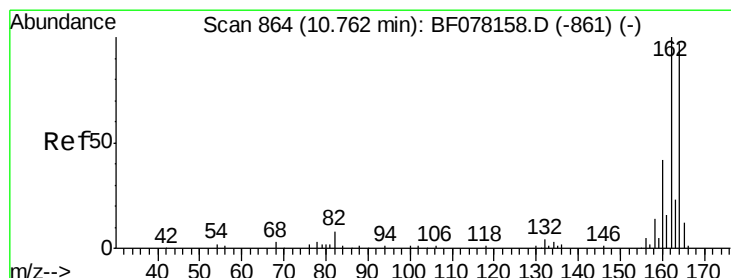
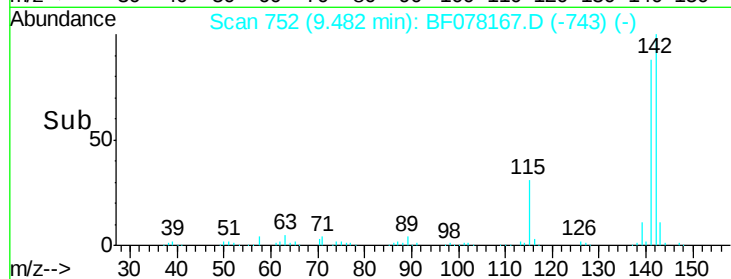
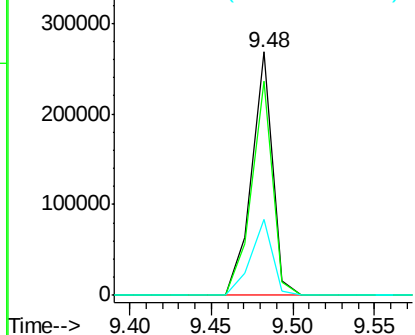
#37
 2-Methylnaphthalene
 Concen: 40.83 ng
 RT: 9.48 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF078167.D
 Acq: 1 Apr 2015 22:26

Instrument :
 BNA_F
 ClientSampleId :
 PB82442BS

Tgt Ion:142 Resp: 239200
 Ion Ratio Lower Upper
 142 100
 141 88.1 70.3 105.5
 115 31.3 24.6 37.0

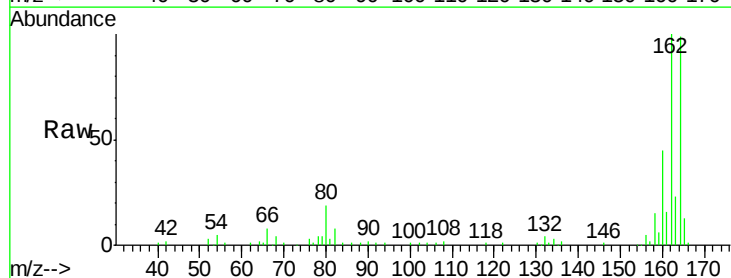


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

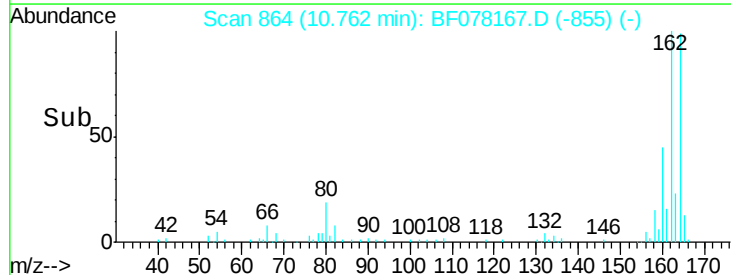
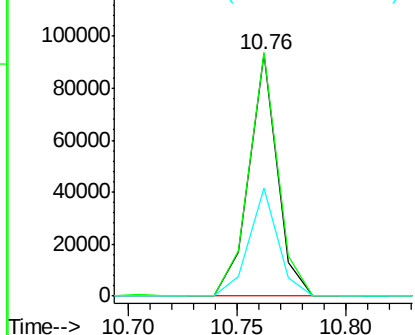


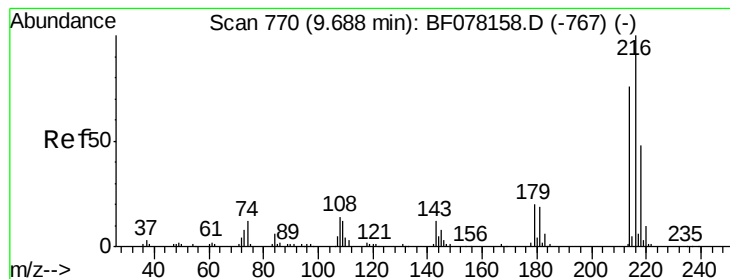
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.76 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: BF078167.D
 Acq: 1 Apr 2015 22:26

Tgt Ion:164 Resp: 84392
 Ion Ratio Lower Upper
 164 100
 162 100.6 82.2 123.2
 160 44.9 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: 38.47 ng

RT: 9.69 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF078167.D

Acq: 1 Apr 2015 22:26

Instrument :

BNA_F

ClientSampleId :

PB82442BS

Tgt Ion:216 Resp: 100591

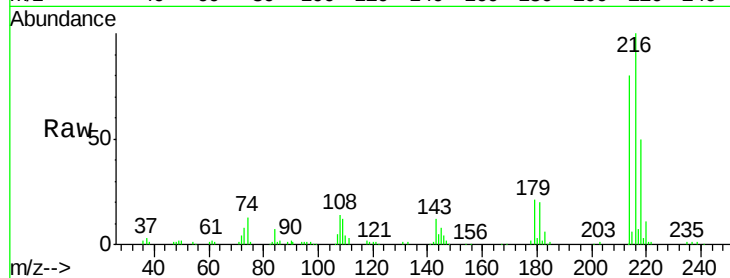
Ion Ratio Lower Upper

216 100

214 79.5 62.0 93.0

179 21.6 17.3 25.9

108 20.2 14.6 21.8

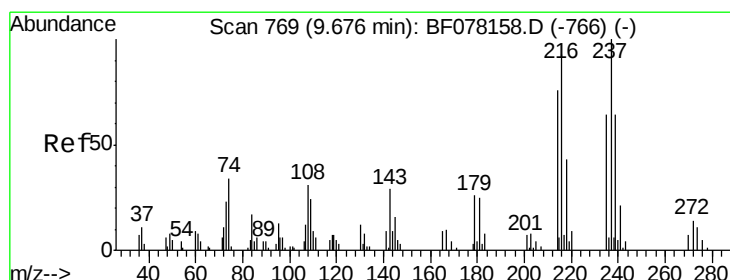
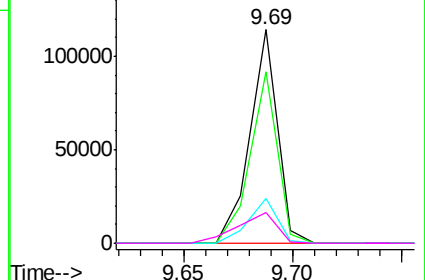
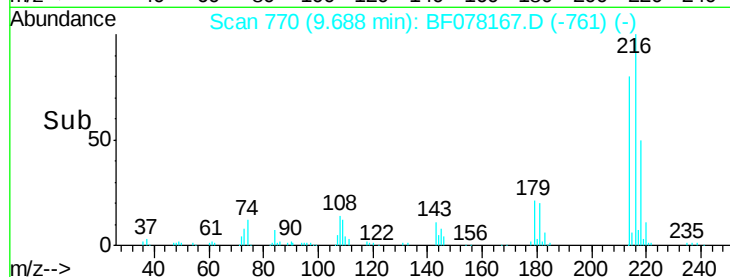


Abundance Ion 216.00 (215.70 to 216.70): E

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: 85.93 ng

RT: 9.68 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF078167.D

Acq: 1 Apr 2015 22:26

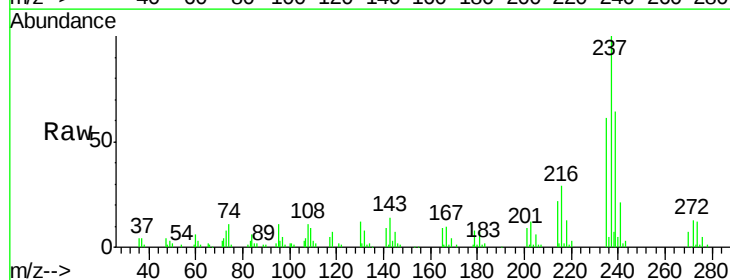
Tgt Ion:237 Resp: 95929

Ion Ratio Lower Upper

237 100

235 60.6 44.1 84.1

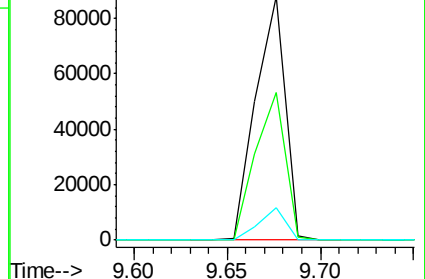
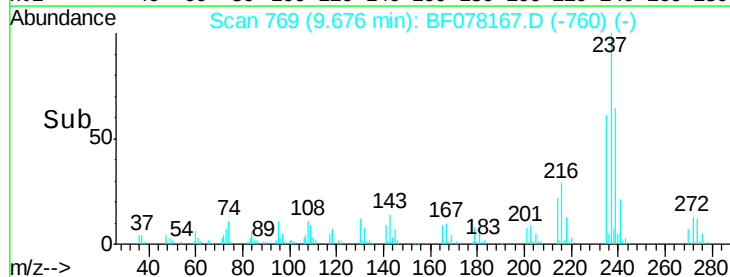
272 13.5 0.0 34.4

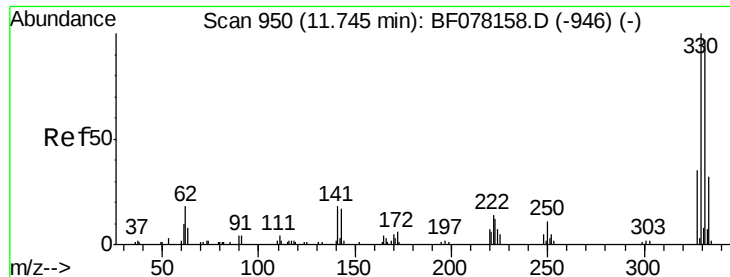


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

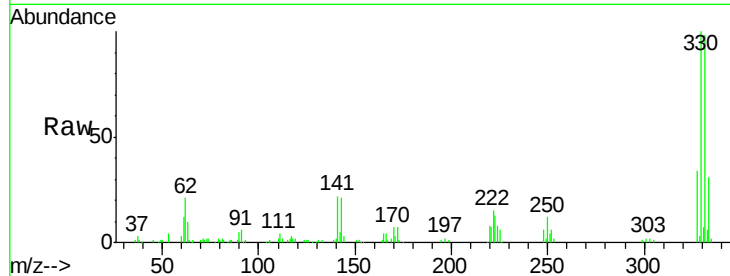




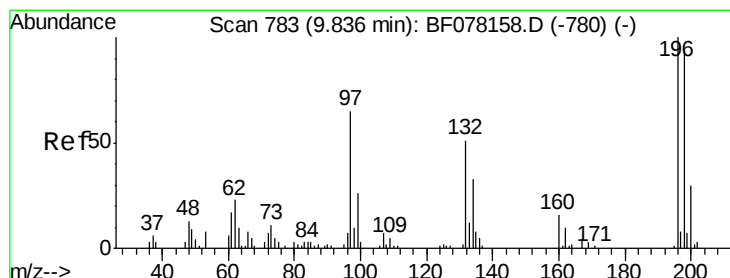
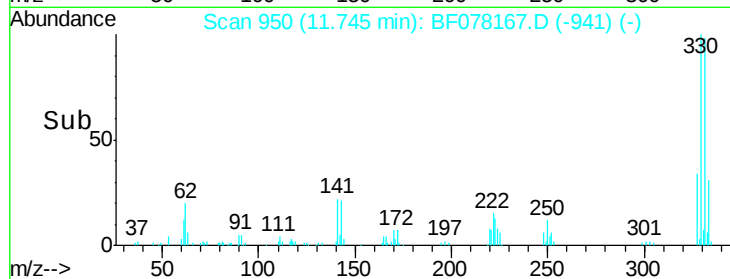
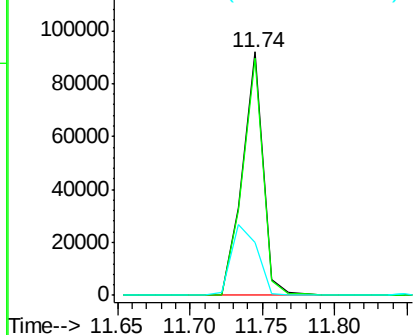
#41
 2,4,6-Tribromophenol
 Concen: 130.58 ng
 RT: 11.74 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: BF078167.D
 Acq: 1 Apr 2015 22:26

Instrument :
 BNA_F
 ClientSampleId :
 PB82442BS

Tgt Ion:330 Resp: 91392
 Ion Ratio Lower Upper
 330 100
 332 97.3 78.6 117.8
 141 36.6 31.2 46.8

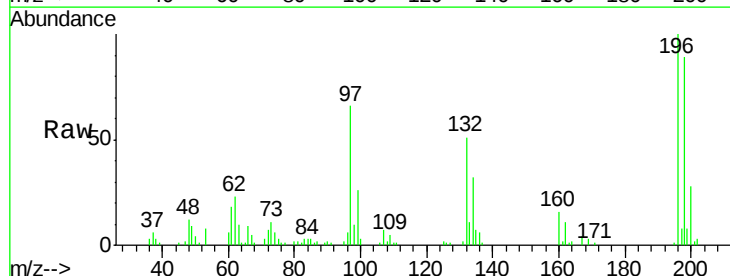


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

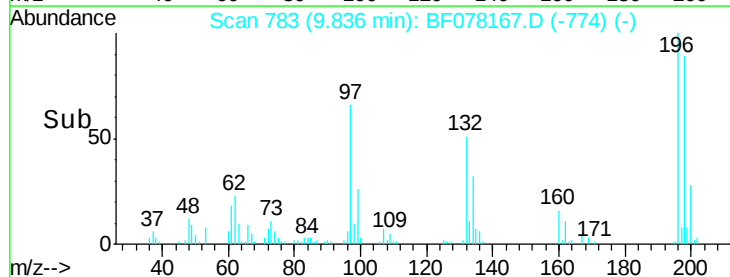
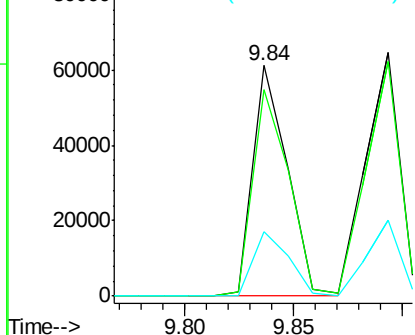


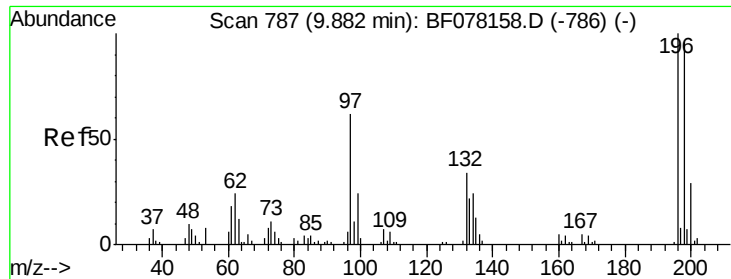
#42
 2,4,6-Trichlorophenol
 Concen: 41.03 ng
 RT: 9.84 min Scan# 783
 Delta R.T. -0.00 min
 Lab File: BF078167.D
 Acq: 1 Apr 2015 22:26

Tgt Ion:196 Resp: 67656
 Ion Ratio Lower Upper
 196 100
 198 89.2 75.4 113.2
 200 28.1 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

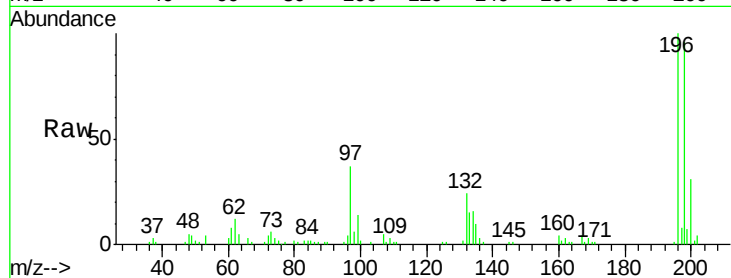




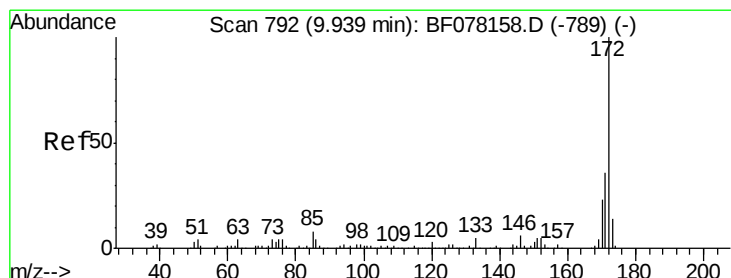
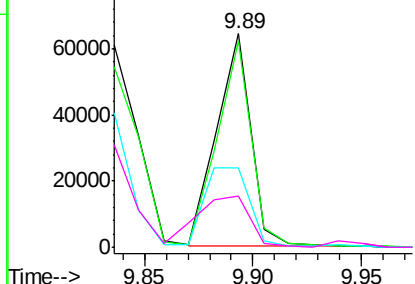
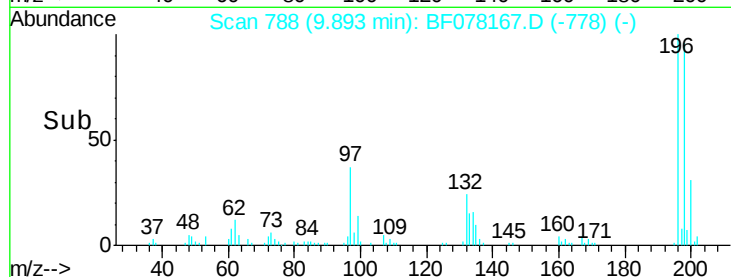
#43
 2,4,5-Trichlorophenol
 Concen: 40.76 ng
 RT: 9.89 min Scan# 788
 Delta R.T. 0.01 min
 Lab File: BF078167.D
 Acq: 1 Apr 2015 22:26

Instrument :
 BNA_F
 ClientSampleId :
 PB82442BS

Tgt Ion:196 Resp: 70228
 Ion Ratio Lower Upper
 196 100
 198 96.3 76.6 115.0
 97 37.3 50.6 75.8#
 132 24.2 27.7 41.5#

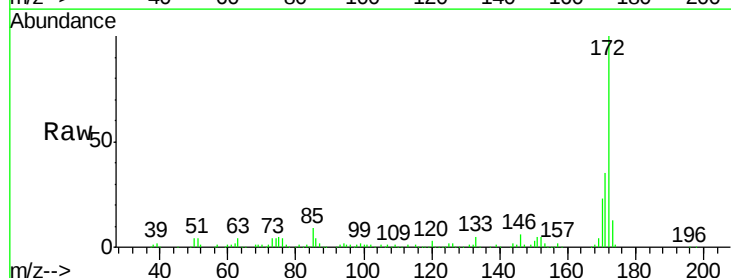


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

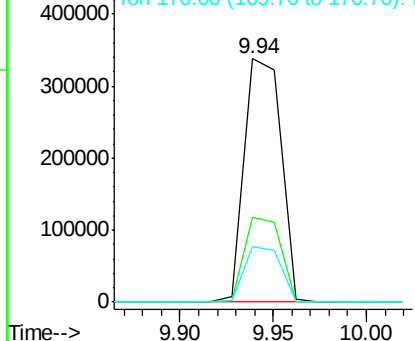
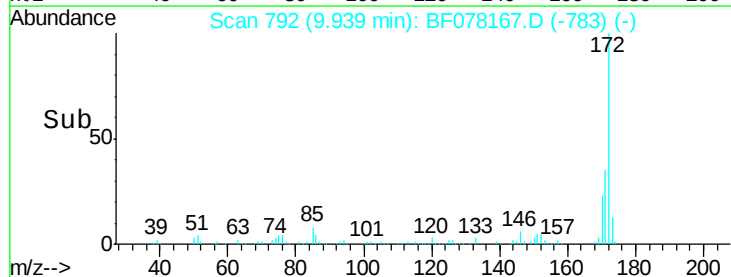


#44
 2-Fluorobiphenyl
 Concen: 78.08 ng
 RT: 9.94 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF078167.D
 Acq: 1 Apr 2015 22:26

Tgt Ion:172 Resp: 460958
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.6 42.8
 170 23.0 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

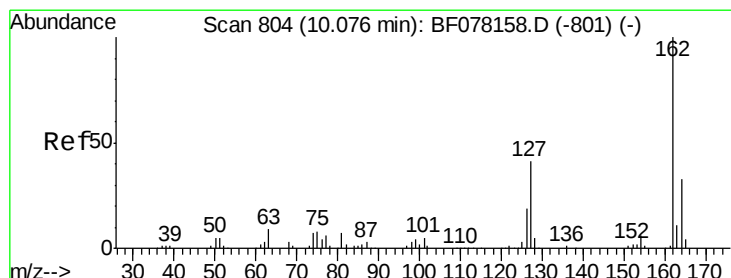
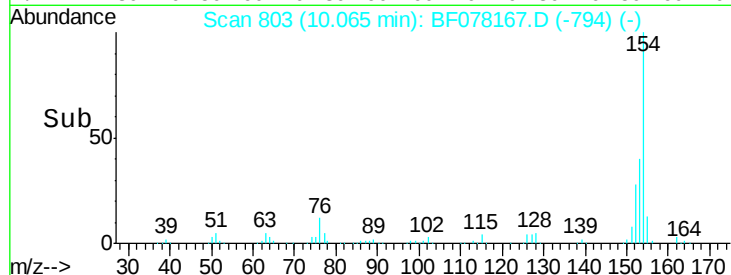
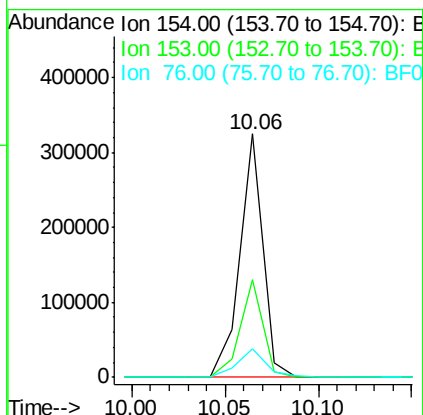
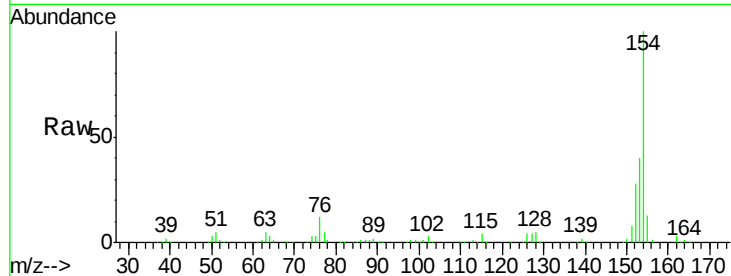




#45
 1,1'-Biphenyl
 Concen: 40.62 ng
 RT: 10.06 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF078167.D
 Acq: 1 Apr 2015 22:26

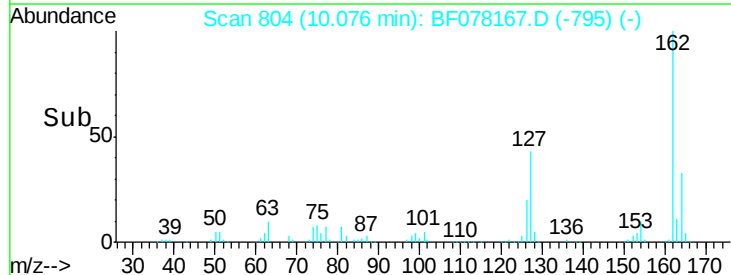
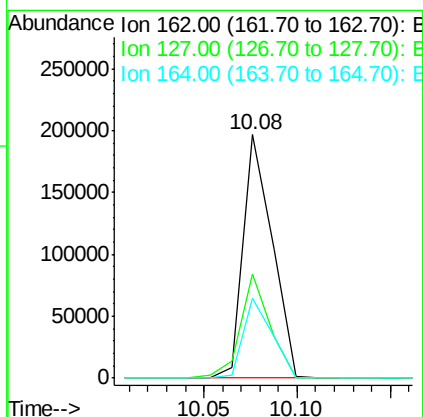
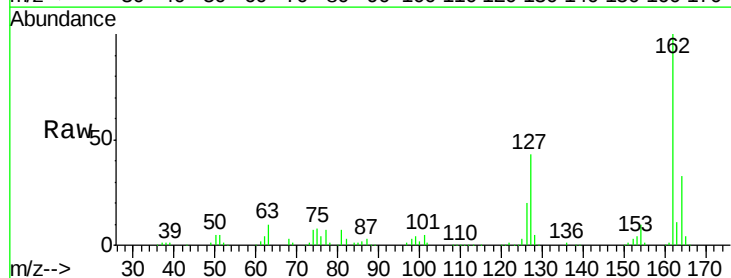
Instrument :
 BNA_F
 ClientSampleId :
 PB82442BS

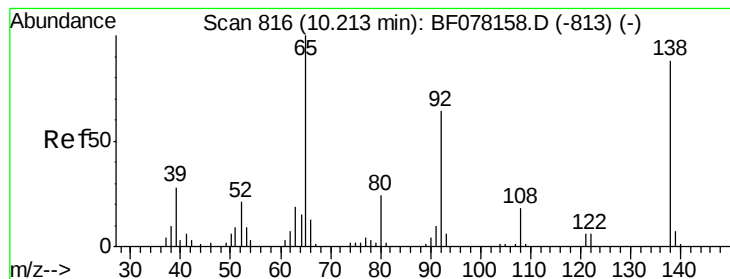
Tgt Ion:	154	Resp:	280404
Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.0	60.0
76	11.5	0.0	30.6



#46
 2-Chloronaphthalene
 Concen: 39.22 ng
 RT: 10.08 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BF078167.D
 Acq: 1 Apr 2015 22:26

Tgt Ion:	162	Resp:	213024
Ion	Ratio	Lower	Upper
162	100		
127	42.5	32.6	49.0
164	32.7	26.0	39.0





#47

2-Nitroaniline

Concen: 41.75 ng

RT: 10.21 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF078167.D

Acq: 1 Apr 2015 22:26

Instrument :

BNA_F

ClientSampleId :

PB82442BS

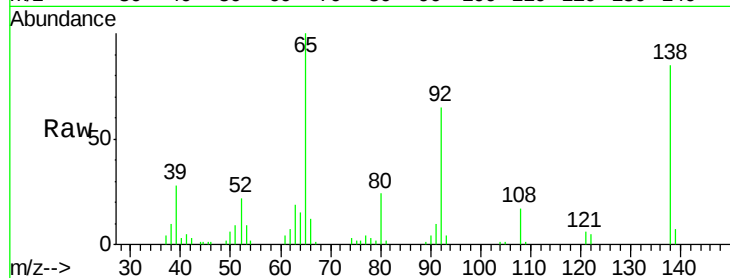
Tgt Ion: 65 Resp: 56109

Ion Ratio Lower Upper

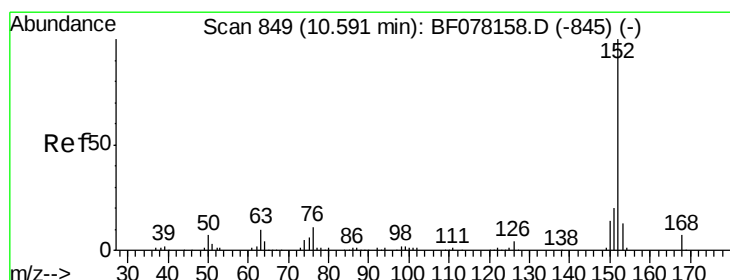
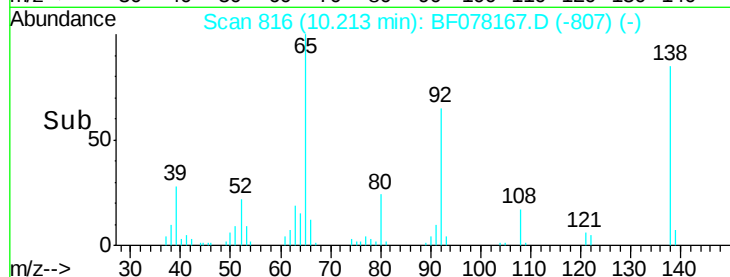
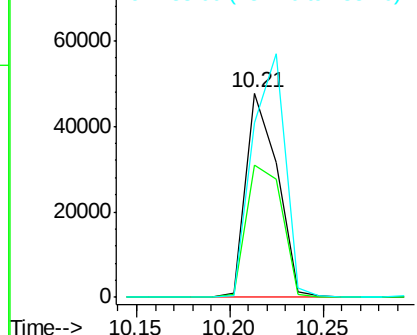
65 100

92 64.9 51.3 76.9

138 85.3 70.4 105.6



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 39.26 ng

RT: 10.59 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF078167.D

Acq: 1 Apr 2015 22:26

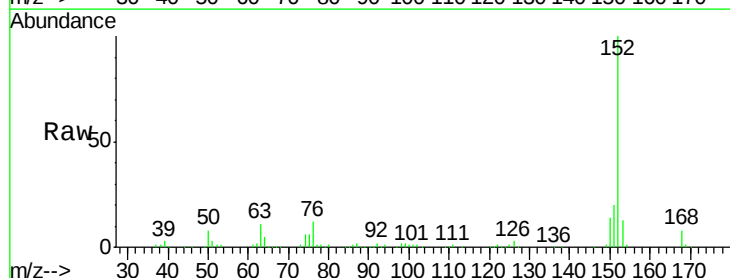
Tgt Ion: 152 Resp: 344349

Ion Ratio Lower Upper

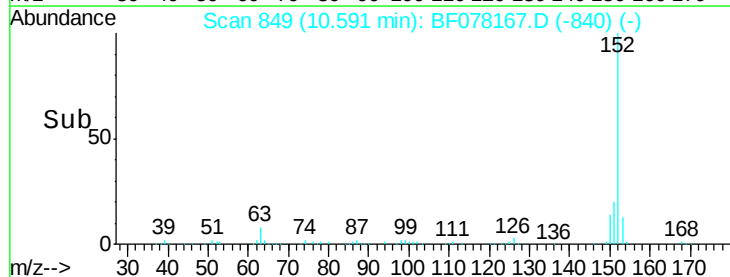
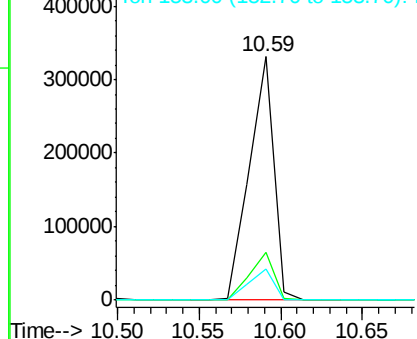
152 100

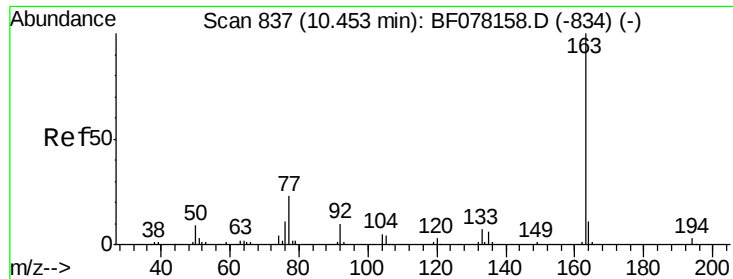
151 19.8 15.7 23.5

153 12.6 10.2 15.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

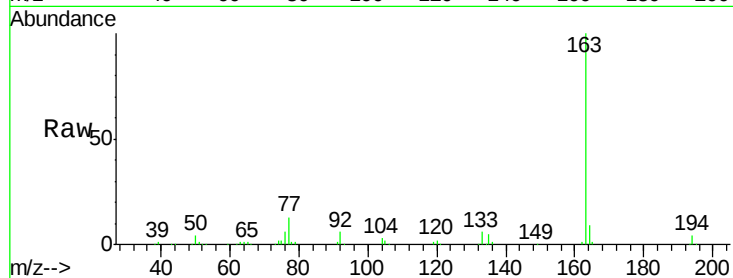




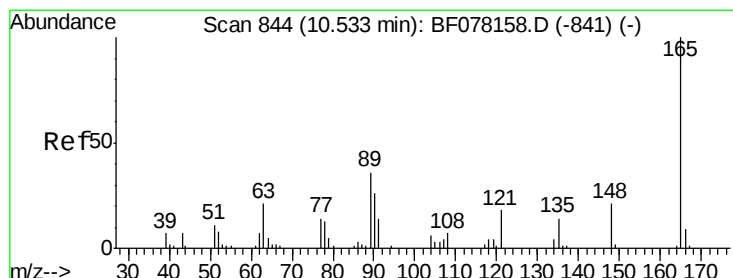
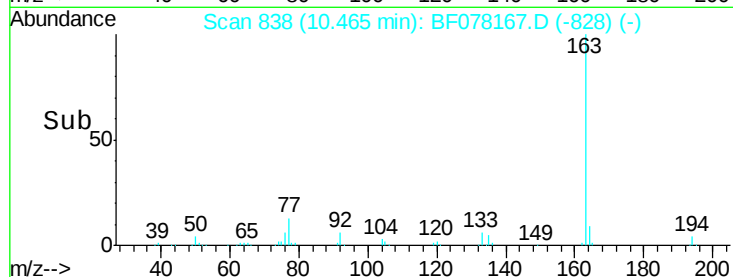
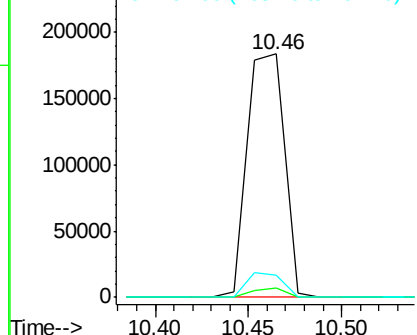
#49
Dimethylphthalate
Concen: 39.97 ng
RT: 10.46 min Scan# 838
Delta R.T. 0.01 min
Lab File: BF078167.D
Acq: 1 Apr 2015 22:26

Instrument :
BNA_F
ClientSampleId :
PB82442BS

Tgt Ion:163 Resp: 253404
Ion Ratio Lower Upper
163 100
194 3.7 2.3 3.5#
164 9.4 8.6 13.0

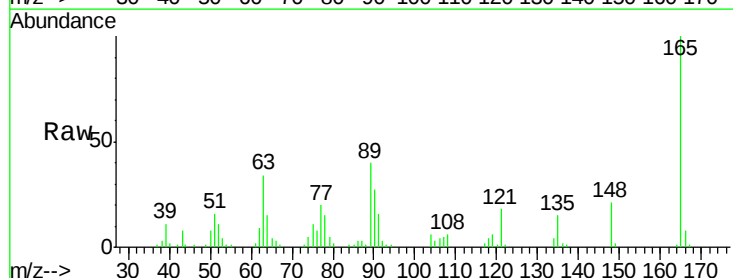


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

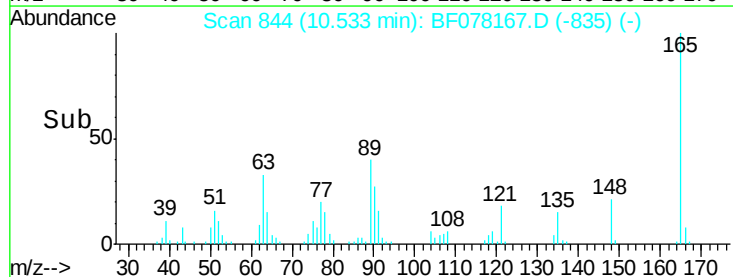
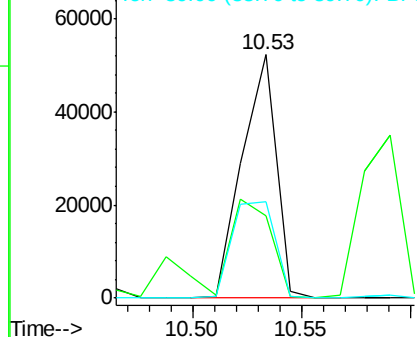


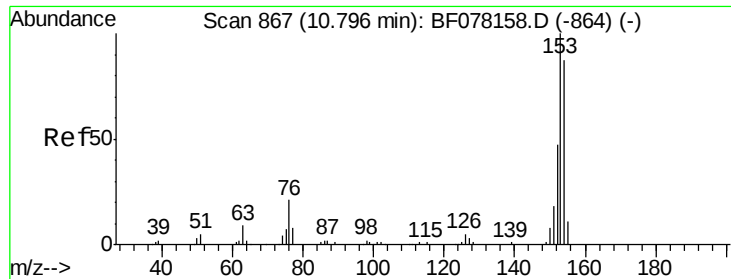
#50
2,6-Dinitrotoluene
Concen: 43.67 ng
RT: 10.53 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF078167.D
Acq: 1 Apr 2015 22:26

Tgt Ion:165 Resp: 56962
Ion Ratio Lower Upper
165 100
63 33.9 24.1 36.1
89 39.5 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

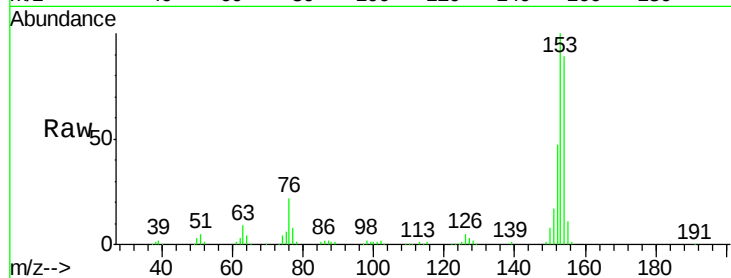




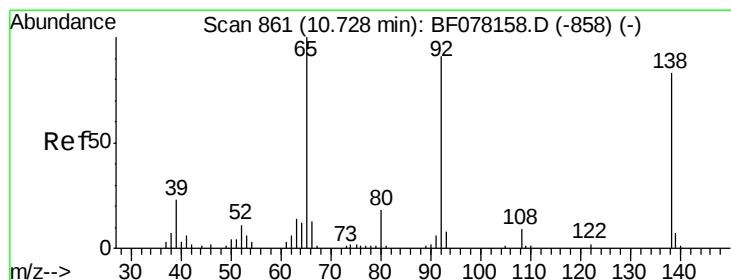
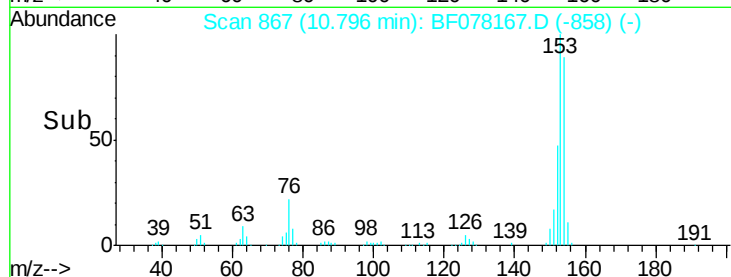
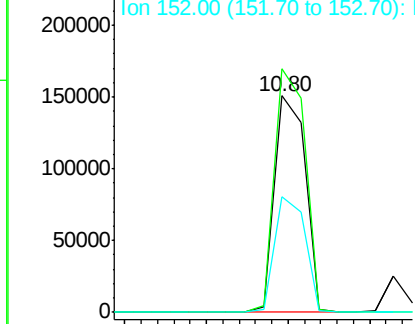
#51
Acenaphthene
Concen: 40.10 ng
RT: 10.80 min Scan# 867
Delta R.T. -0.00 min
Lab File: BF078167.D
Acq: 1 Apr 2015 22:26

Instrument :
BNA_F
ClientSampleId :
PB82442BS

Tgt Ion:154 Resp: 198006
Ion Ratio Lower Upper
154 100
153 112.5 91.4 137.2
152 53.2 43.0 64.6

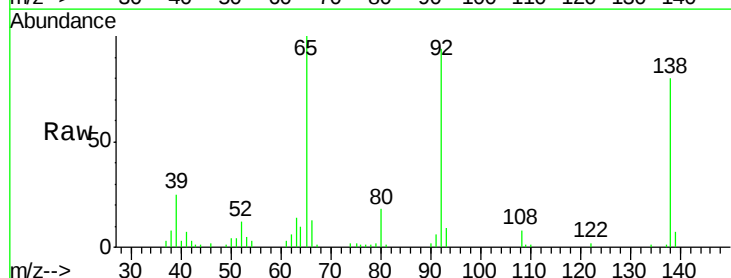


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

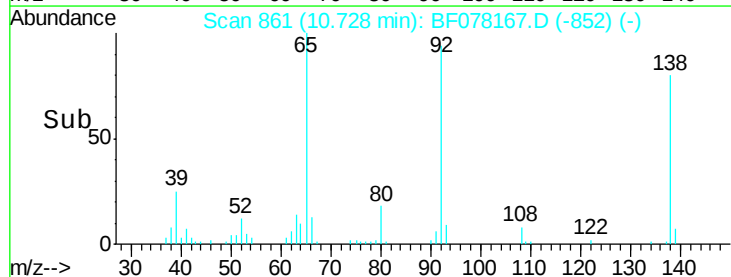
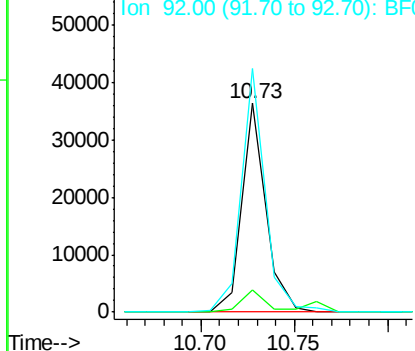


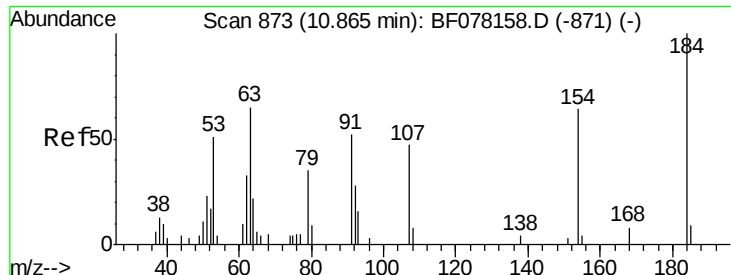
#52
3-Nitroaniline
Concen: 21.89 ng
RT: 10.73 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF078167.D
Acq: 1 Apr 2015 22:26

Tgt Ion:138 Resp: 32473
Ion Ratio Lower Upper
138 100
108 10.5 8.2 12.4
92 116.8 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

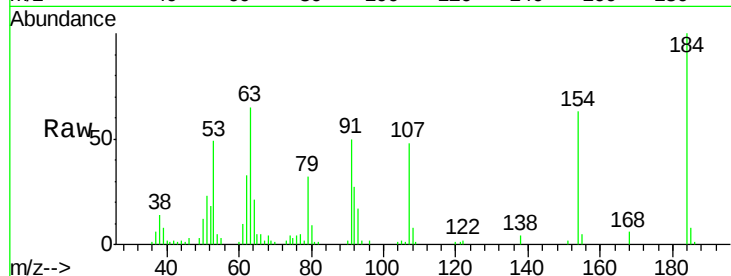




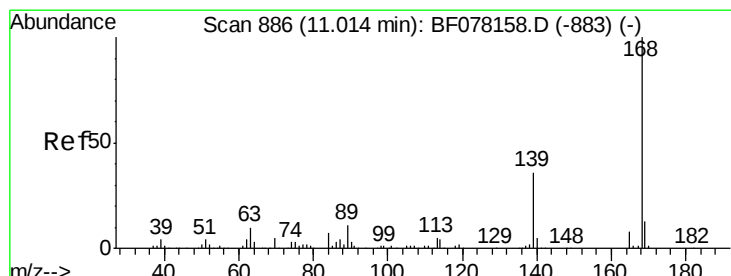
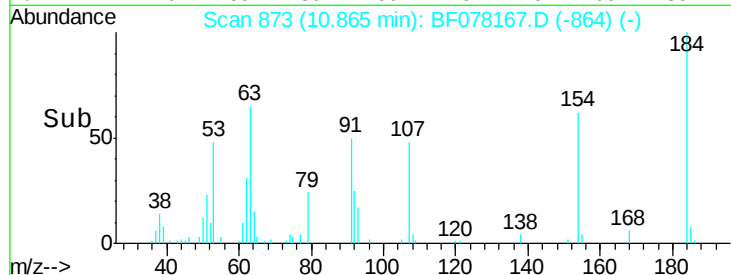
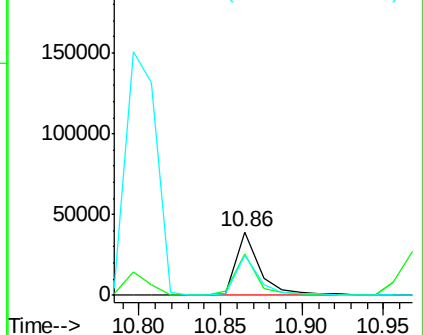
#53
 2,4-Dinitrophenol
 Concen: 78.60 ng
 RT: 10.86 min Scan# 873
 Delta R.T. 0.00 min
 Lab File: BF078167.D
 Acq: 1 Apr 2015 22:26

Instrument :
 BNA_F
 ClientSampleId :
 PB82442BS

Tgt Ion:184 Resp: 39530
 Ion Ratio Lower Upper
 184 100
 63 65.2 51.9 77.9
 154 63.3 51.0 76.4

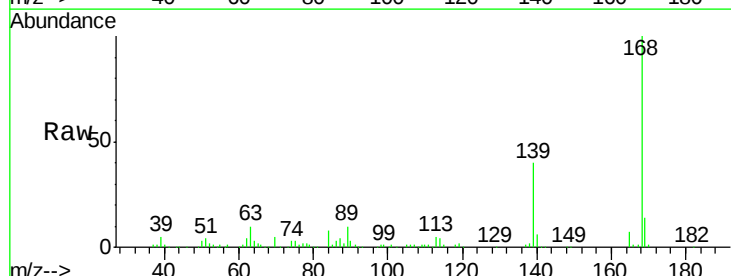


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

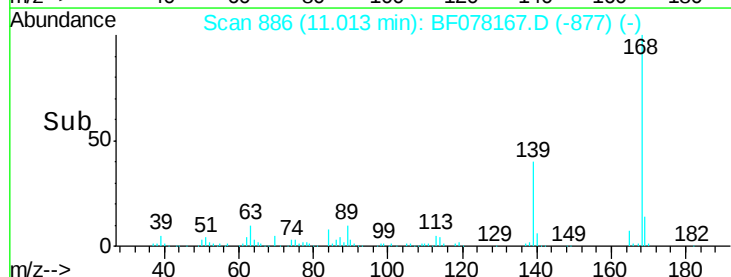
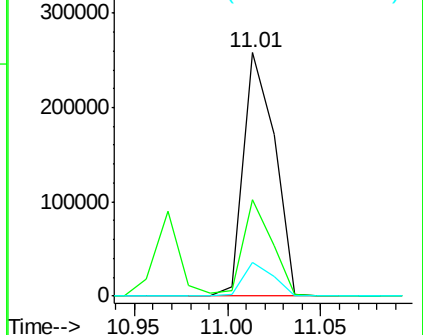


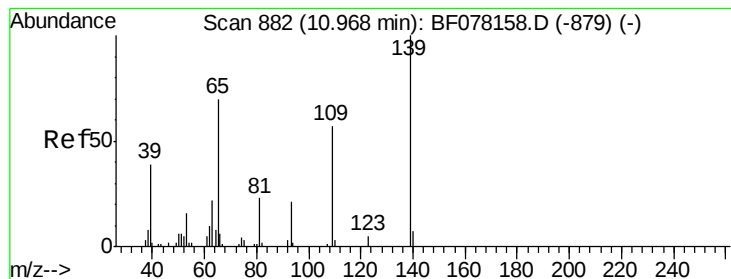
#54
 Dibenzofuran
 Concen: 40.17 ng
 RT: 11.01 min Scan# 886
 Delta R.T. -0.00 min
 Lab File: BF078167.D
 Acq: 1 Apr 2015 22:26

Tgt Ion:168 Resp: 302939
 Ion Ratio Lower Upper
 168 100
 139 39.6 31.0 46.4
 169 14.1 10.7 16.1



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 78.18 ng

RT: 10.97 min Scan# 882

Delta R.T. 0.00 min

Lab File: BF078167.D

Acq: 1 Apr 2015 22:26

Instrument :

BNA_F

ClientSampleId :

PB82442BS

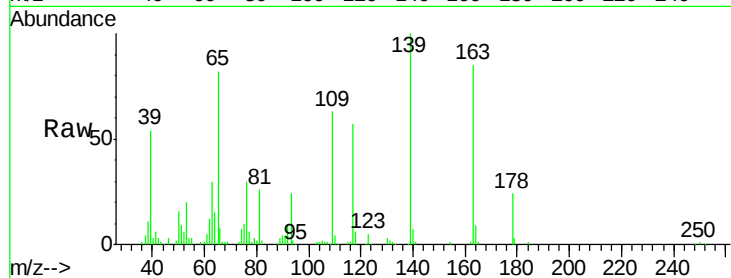
Tgt Ion:139 Resp: 85313

Ion Ratio Lower Upper

139 100

109 62.8 36.7 76.7

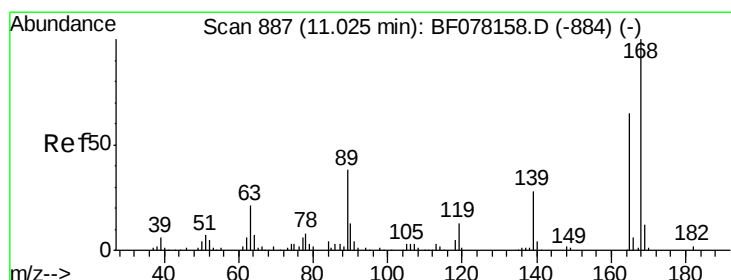
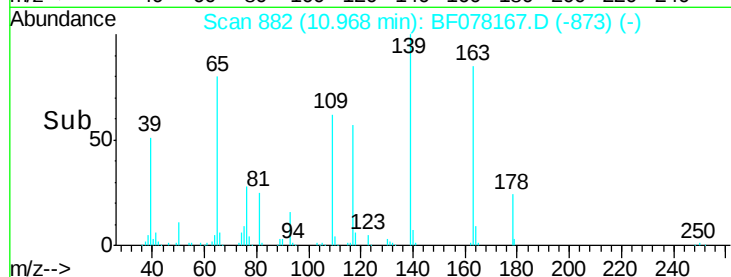
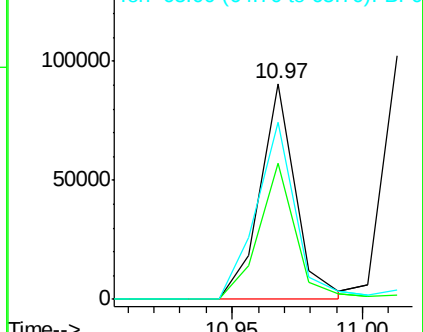
65 82.3 49.9 89.9



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: 45.26 ng

RT: 11.02 min Scan# 887

Delta R.T. -0.00 min

Lab File: BF078167.D

Acq: 1 Apr 2015 22:26

Tgt Ion:165 Resp: 76462

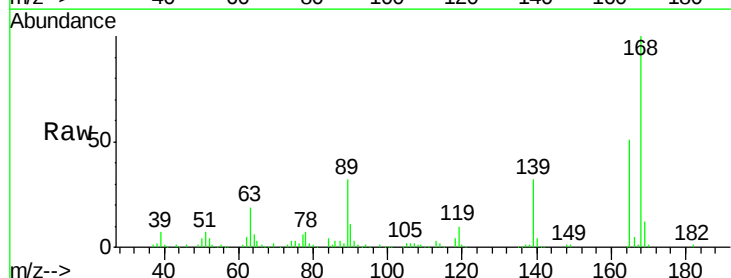
Ion Ratio Lower Upper

165 100

63 36.5 26.5 39.7

89 63.2 46.4 69.6

182 2.2 2.0 3.0

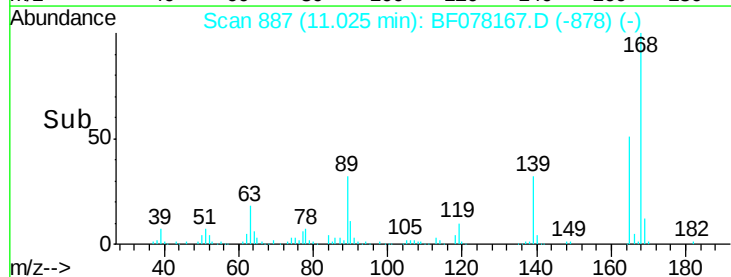
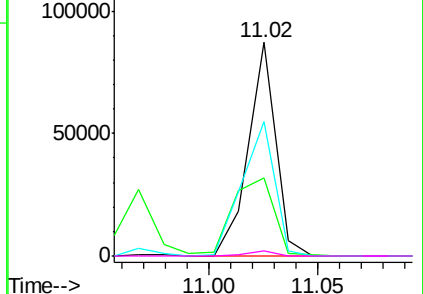


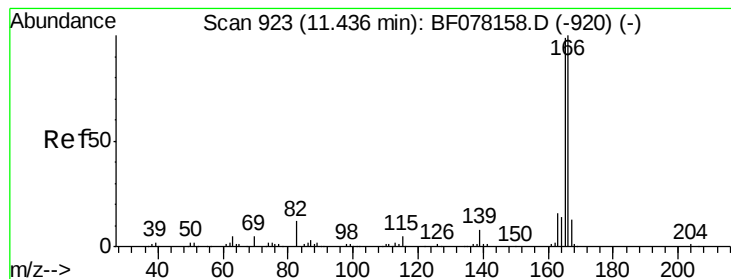
Abundance Ion 165.00 (164.70 to 165.70): E

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: 41.25 ng

RT: 11.44 min Scan# 923

Delta R.T. -0.00 min

Lab File: BF078167.D

Acq: 1 Apr 2015 22:26

Instrument :

BNA_F

ClientSampleId :

PB82442BS

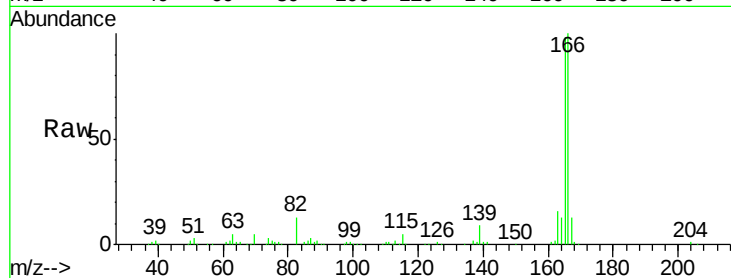
Tgt Ion:166 Resp: 252151

Ion Ratio Lower Upper

166 100

165 98.0 78.9 118.3

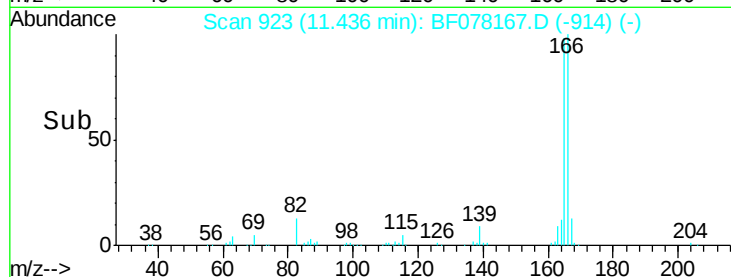
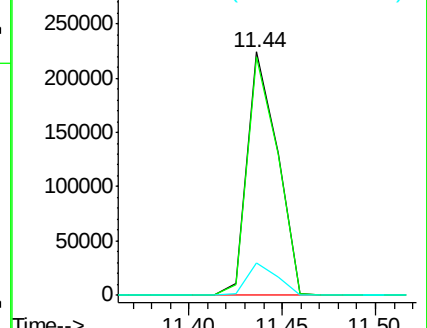
167 13.4 10.7 16.1



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: 44.94 ng

RT: 11.17 min Scan# 900

Delta R.T. -0.00 min

Lab File: BF078167.D

Acq: 1 Apr 2015 22:26

Tgt Ion:232 Resp: 57399

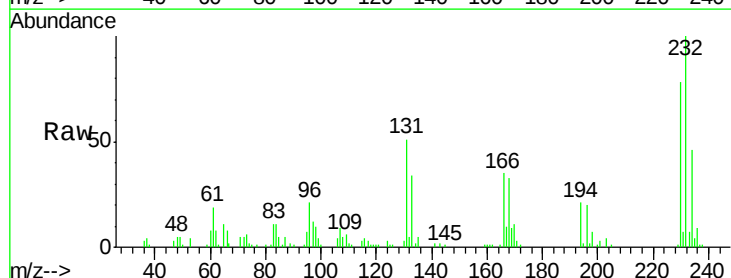
Ion Ratio Lower Upper

232 100

131 47.0 37.8 56.8

130 2.2 1.5 2.3

166 32.3 25.8 38.6

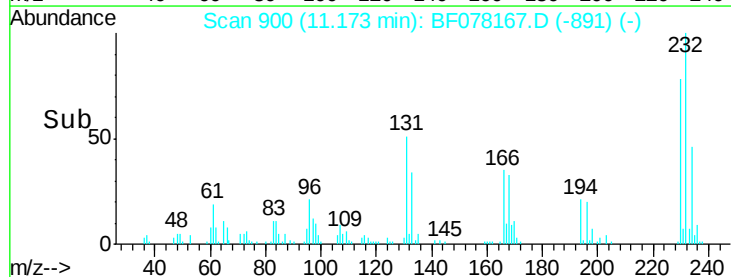
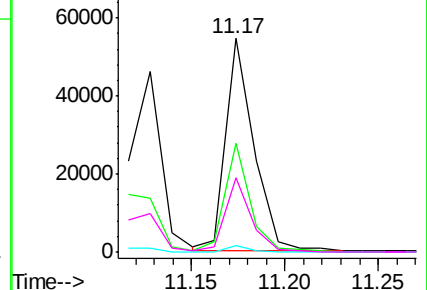


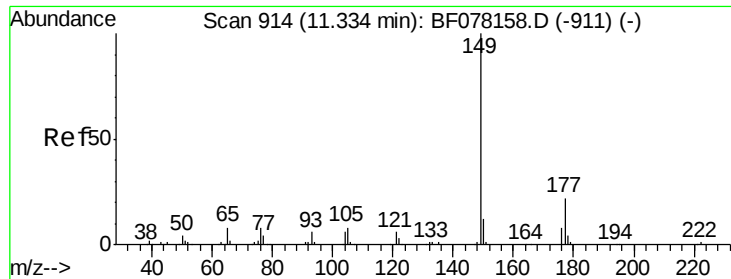
Abundance Ion 232.00 (231.70 to 232.70): E

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

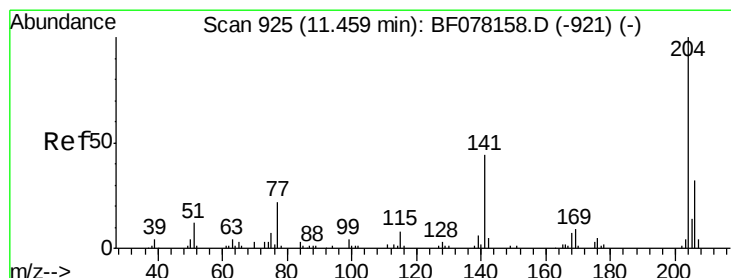
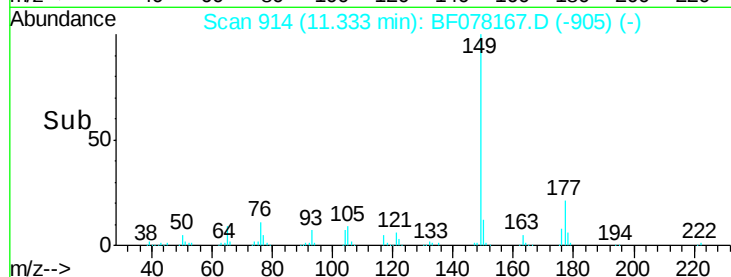
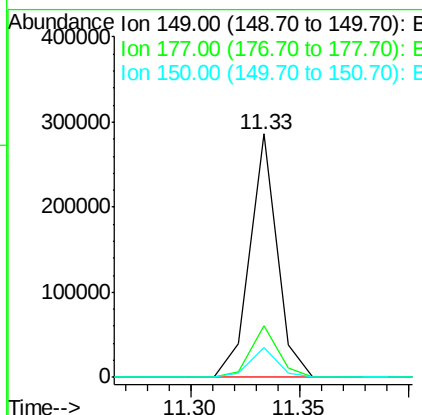
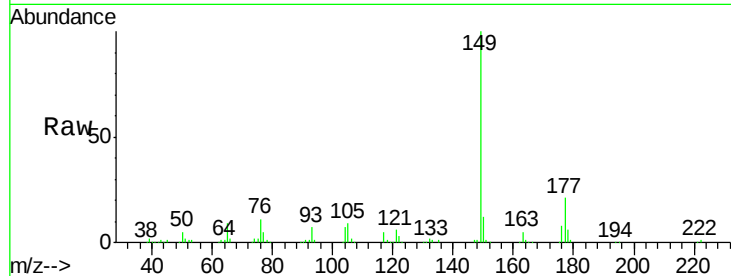




#59
Diethylphthalate
Concen: 40.82 ng
RT: 11.33 min Scan# 914
Delta R.T. -0.00 min
Lab File: BF078167.D
Acq: 1 Apr 2015 22:26

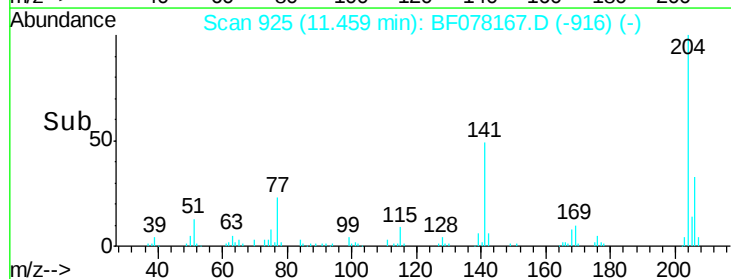
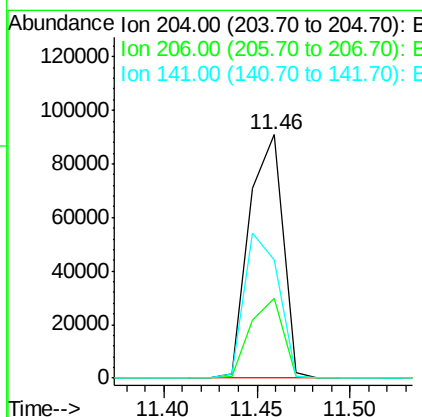
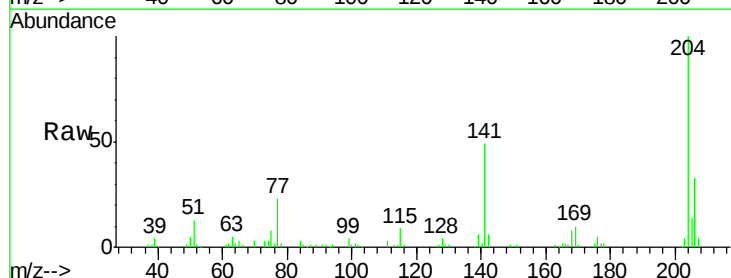
Instrument :
BNA_F
ClientSampleId :
PB82442BS

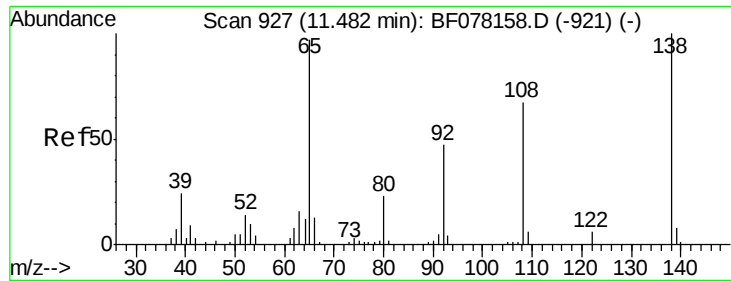
Tgt Ion:149 Resp: 249523
Ion Ratio Lower Upper
149 100
177 21.1 17.4 26.2
150 12.2 9.4 14.2



#60
4-Chlorophenyl-phenylether
Concen: 40.34 ng
RT: 11.46 min Scan# 925
Delta R.T. -0.00 min
Lab File: BF078167.D
Acq: 1 Apr 2015 22:26

Tgt Ion:204 Resp: 113446
Ion Ratio Lower Upper
204 100
206 32.8 25.6 38.4
141 48.6 35.4 53.0

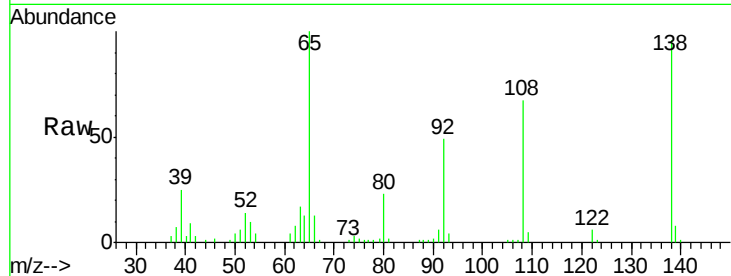




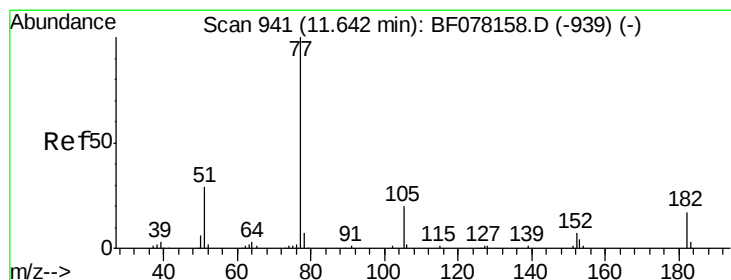
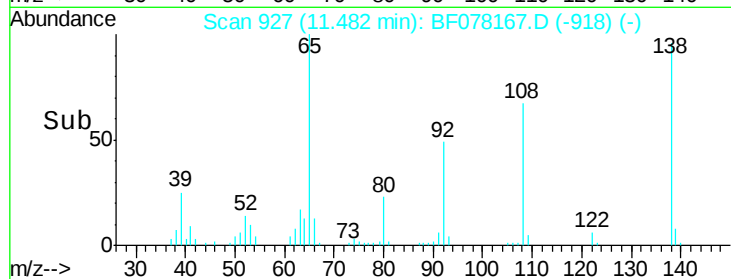
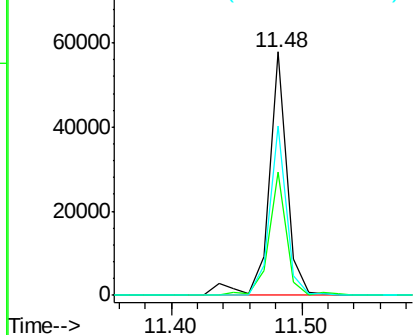
#61
4-Nitroaniline
Concen: 37.24 ng
RT: 11.48 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF078167.D
Acq: 1 Apr 2015 22:26

Instrument :
BNA_F
ClientSampleId :
PB82442BS

Tgt Ion: 138 Resp: 55832
Ion Ratio Lower Upper
138 100
92 50.9 27.3 67.3
108 69.4 47.2 87.2

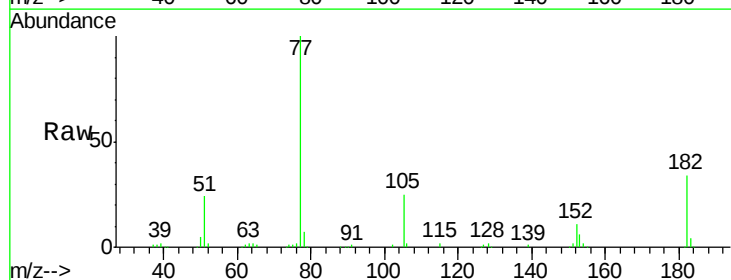


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

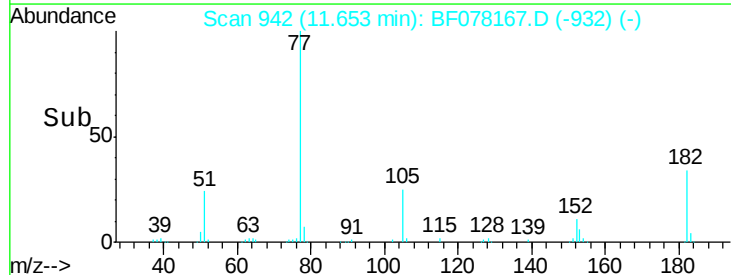
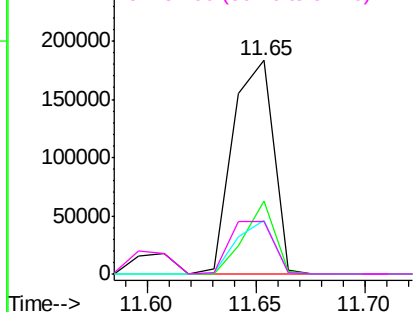


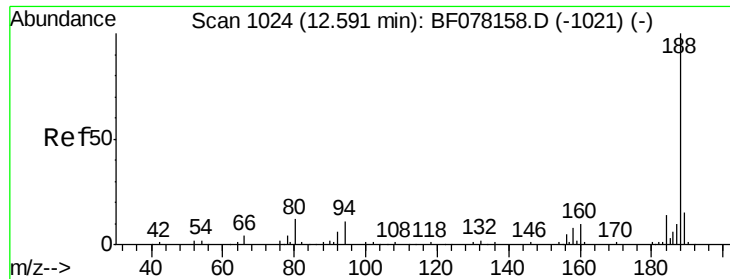
#62
Azobenzene
Concen: 42.51 ng
RT: 11.65 min Scan# 942
Delta R.T. 0.01 min
Lab File: BF078167.D
Acq: 1 Apr 2015 22:26

Tgt Ion: 77 Resp: 237178
Ion Ratio Lower Upper
77 100
182 34.1 0.0 36.8
105 25.4 0.3 40.3
51 24.3 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

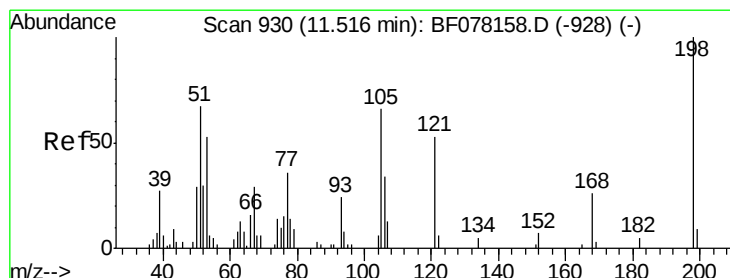
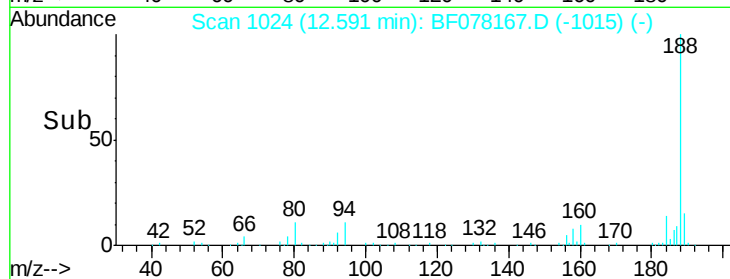
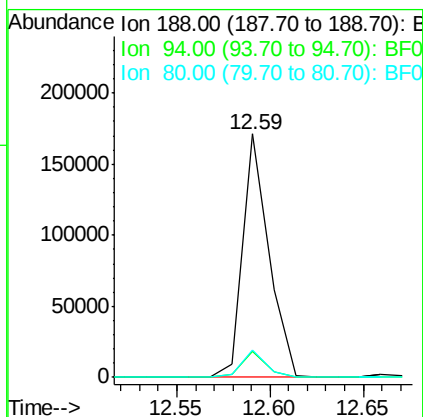
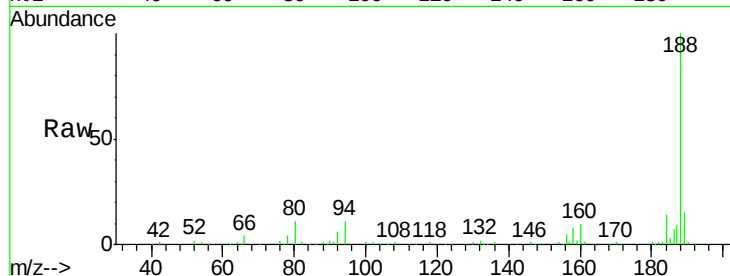




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.59 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF078167.D
Acq: 1 Apr 2015 22:26

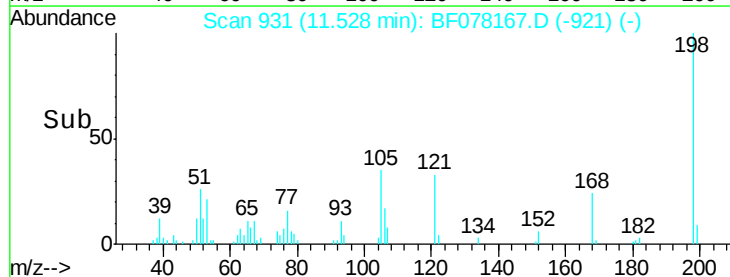
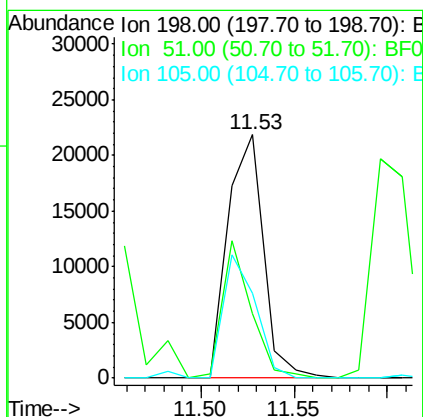
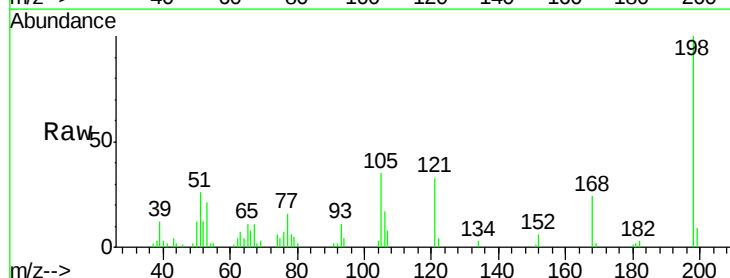
Instrument :
BNA_F
ClientSampleId :
PB82442BS

Tgt Ion:188 Resp: 166706
Ion Ratio Lower Upper
188 100
94 10.8 9.0 13.4
80 11.4 9.5 14.3



#64
4,6-Dinitro-2-methylphenol
Concen: 37.56 ng
RT: 11.53 min Scan# 931
Delta R.T. 0.01 min
Lab File: BF078167.D
Acq: 1 Apr 2015 22:26

Tgt Ion:198 Resp: 29202
Ion Ratio Lower Upper
198 100
51 26.4 48.6 88.6#
105 34.8 45.8 85.8#

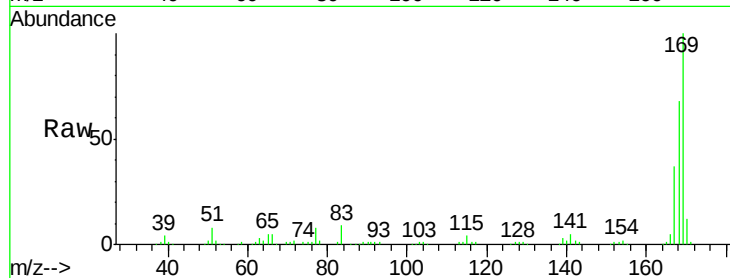




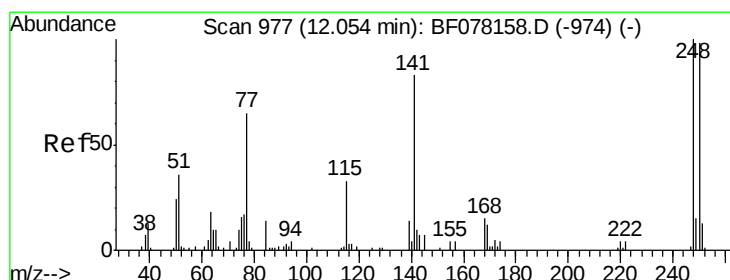
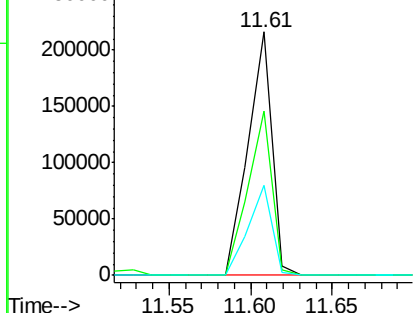
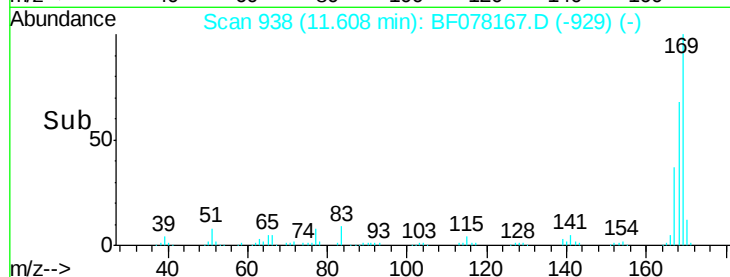
#65
 n-Nitrosodiphenylamine
 Concen: 38.21 ng
 RT: 11.61 min Scan# 938
 Delta R.T. -0.00 min
 Lab File: BF078167.D
 Acq: 1 Apr 2015 22:26

Instrument :
 BNA_F
 ClientSampleId :
 PB82442BS

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.5	55.0	82.4
167	37.1	29.3	43.9

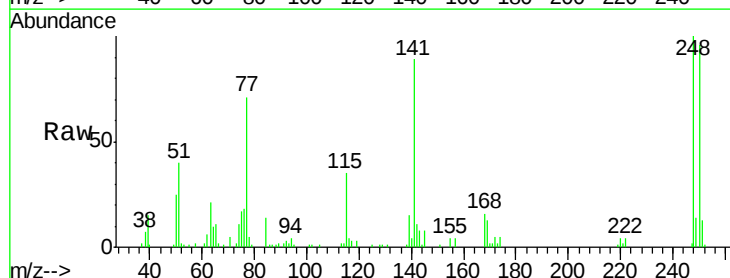


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

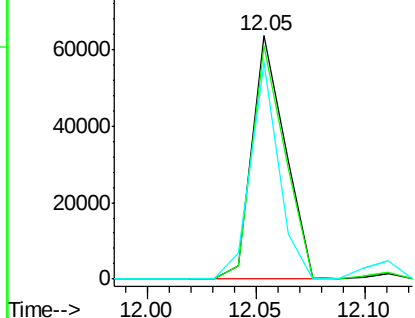
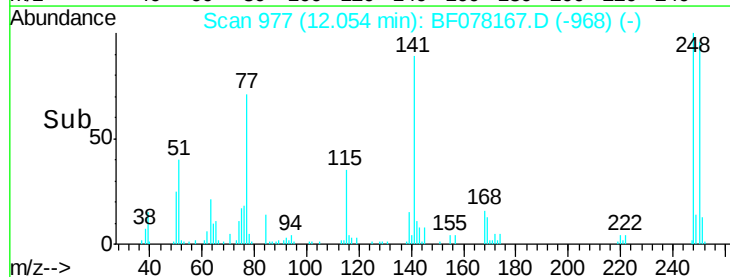


#66
 4-Bromophenyl-phenylether
 Concen: 38.18 ng
 RT: 12.05 min Scan# 977
 Delta R.T. -0.00 min
 Lab File: BF078167.D
 Acq: 1 Apr 2015 22:26

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.7	78.2	117.2
141	88.9	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

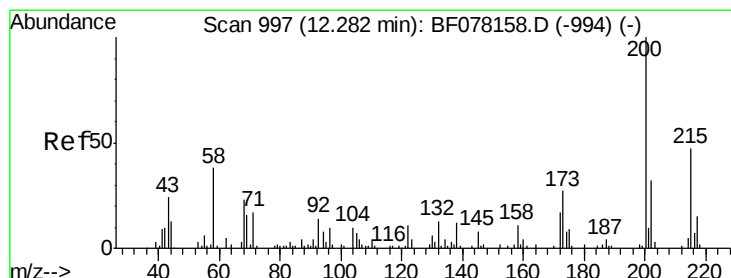
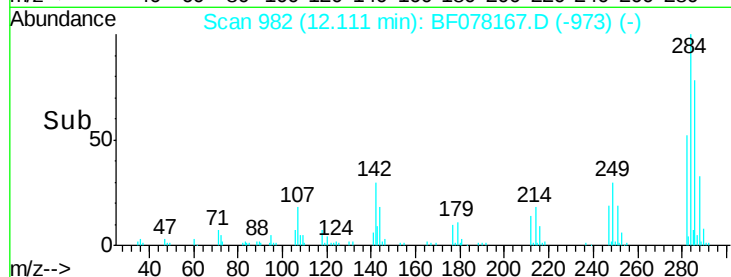
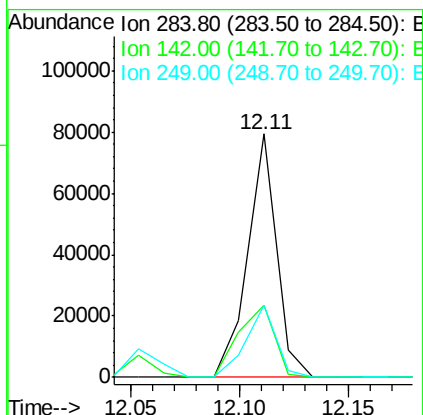
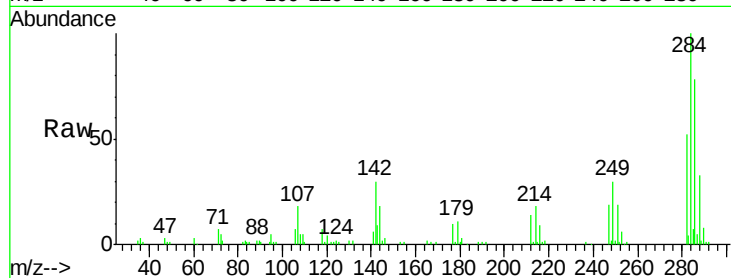




#67
Hexachlorobenzene
Concen: 37.85 ng
RT: 12.11 min Scan# 982
Delta R.T. -0.00 min
Lab File: BF078167.D
Acq: 1 Apr 2015 22:26

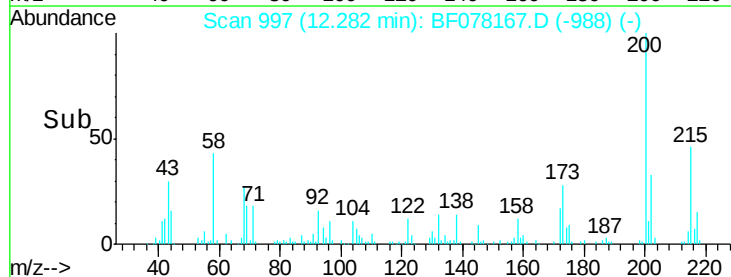
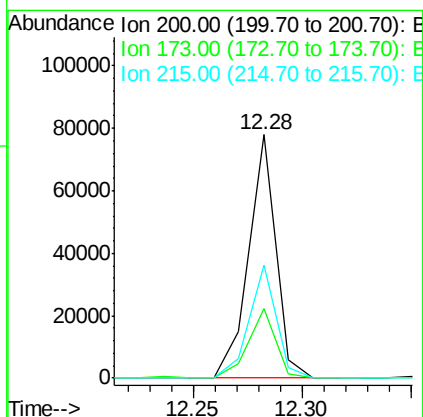
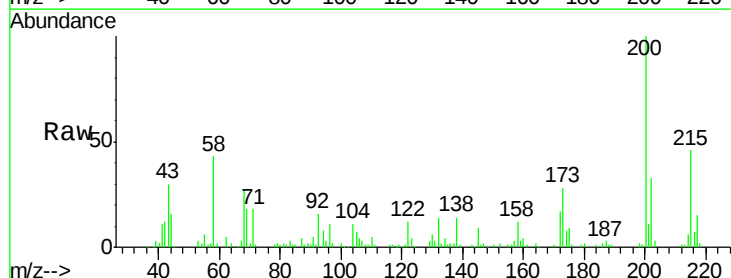
Instrument :
BNA_F
ClientSampleId :
PB82442BS

Tgt Ion: 284 Resp: 73233
Ion Ratio Lower Upper
284 100
142 29.8 24.5 36.7
249 29.9 24.8 37.2



#68
Atrazine
Concen: 40.66 ng
RT: 12.28 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF078167.D
Acq: 1 Apr 2015 22:26

Tgt Ion: 200 Resp: 67913
Ion Ratio Lower Upper
200 100
173 28.5 6.9 46.9
215 46.3 27.1 67.1

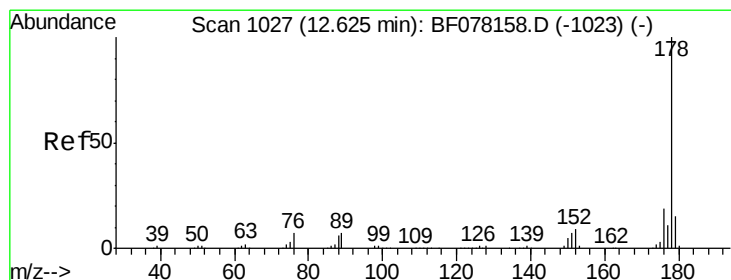
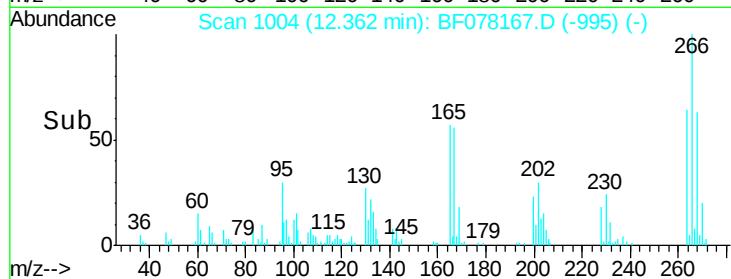
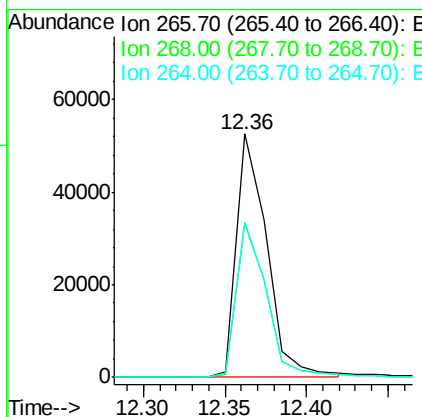
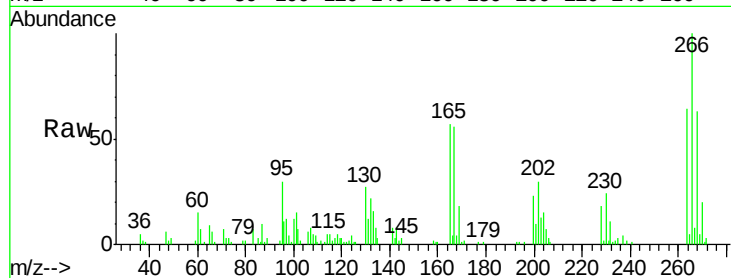




#69
 Pentachlorophenol
 Concen: 78.42 ng
 RT: 12.36 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BF078167.D
 Acq: 1 Apr 2015 22:26

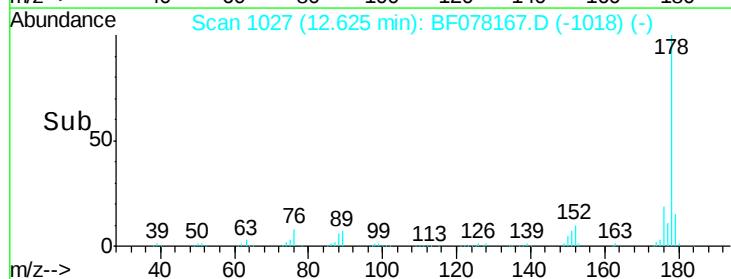
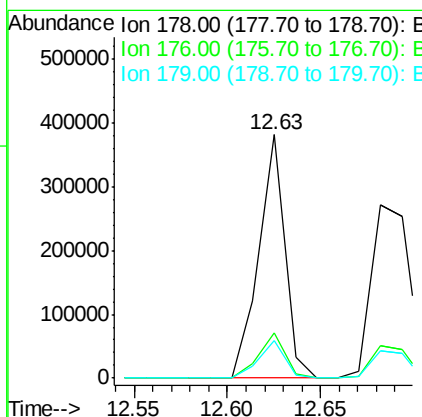
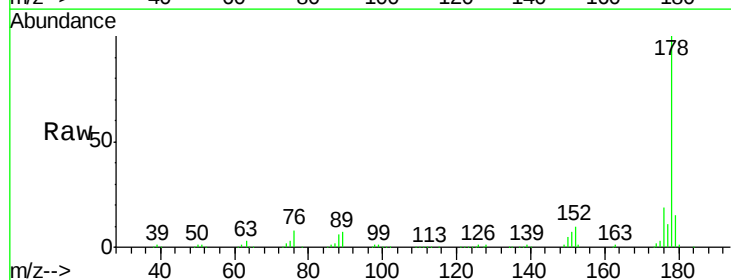
Instrument :
 BNA_F
 ClientSampleId :
 PB82442BS

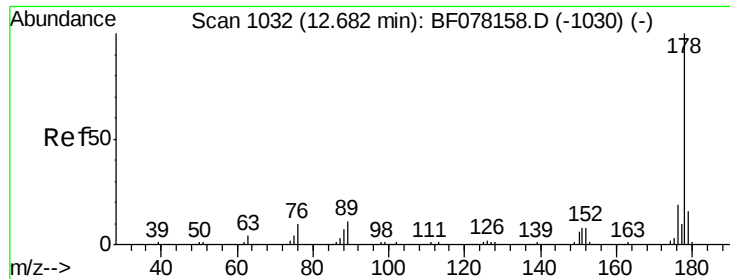
Tgt Ion: 266 Resp: 67137
 Ion Ratio Lower Upper
 266 100
 268 63.0 50.1 75.1
 264 63.8 50.0 75.0



#70
 Phenanthrene
 Concen: 38.27 ng
 RT: 12.63 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BF078167.D
 Acq: 1 Apr 2015 22:26

Tgt Ion: 178 Resp: 369078
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.0
 179 15.4 12.2 18.2

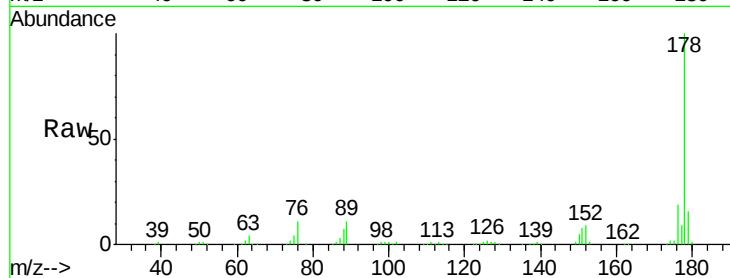




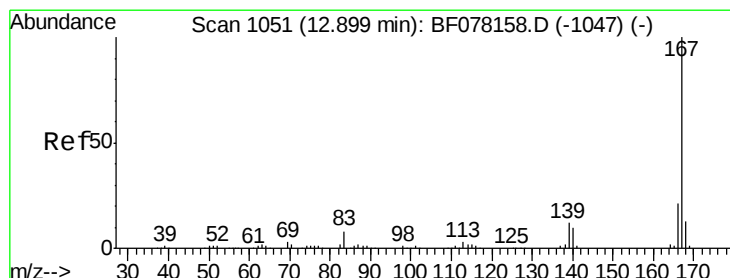
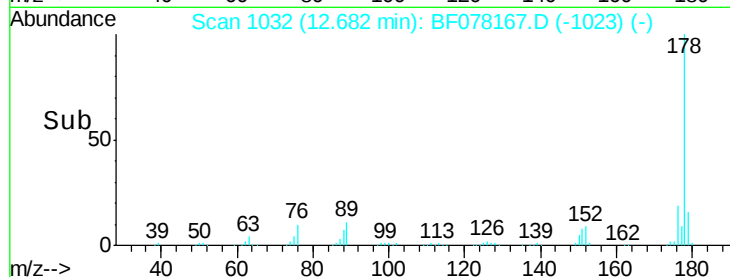
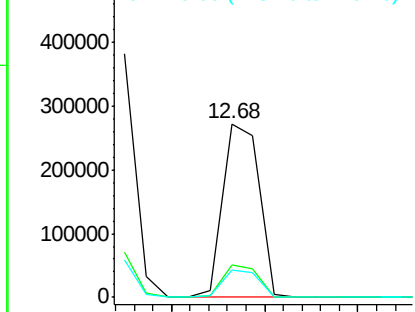
#71
 Anthracene
 Concen: 39.26 ng
 RT: 12.68 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BF078167.D
 Acq: 1 Apr 2015 22:26

Instrument :
 BNA_F
 ClientSampleId :
 PB82442BS

Tgt Ion:178 Resp: 373066
 Ion Ratio Lower Upper
 178 100
 176 18.8 14.8 22.2
 179 15.6 12.4 18.6

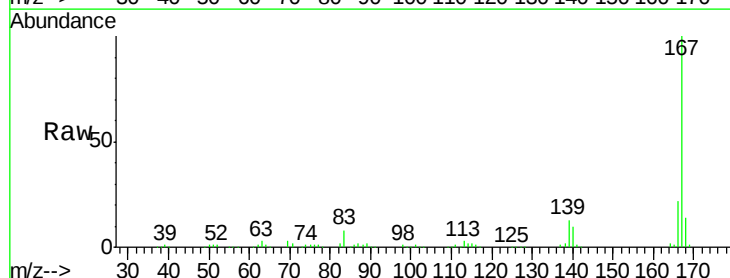


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

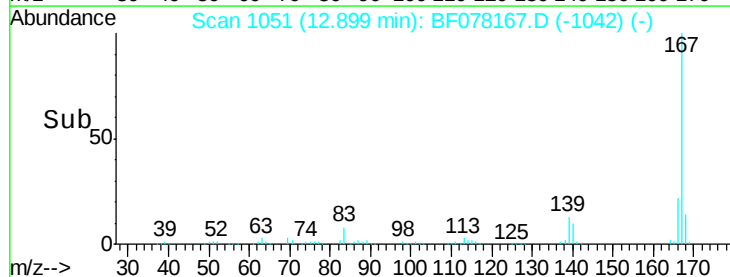
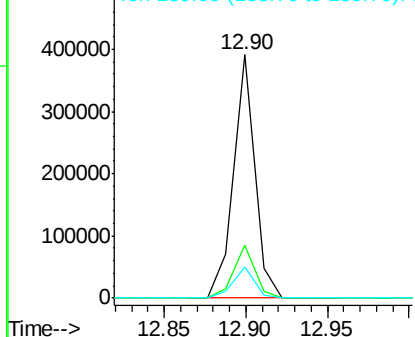


#72
 Carbazole
 Concen: 39.65 ng
 RT: 12.90 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: BF078167.D
 Acq: 1 Apr 2015 22:26

Tgt Ion:167 Resp: 353060
 Ion Ratio Lower Upper
 167 100
 166 21.6 16.8 25.2
 139 12.6 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: 39.20 ng

RT: 13.36 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BF078167.D

Acq: 1 Apr 2015 22:26

Instrument :

BNA_F

ClientSampleId :

PB82442BS

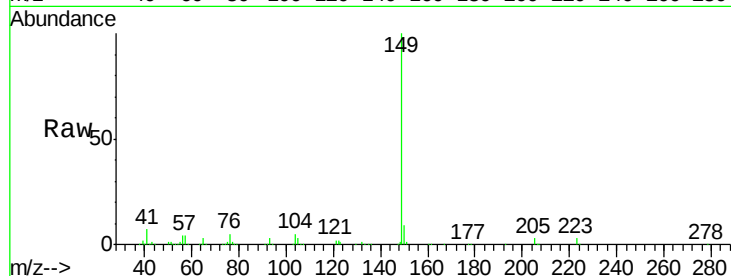
Tgt Ion:149 Resp: 395446

Ion Ratio Lower Upper

149 100

150 9.1 7.1 10.7

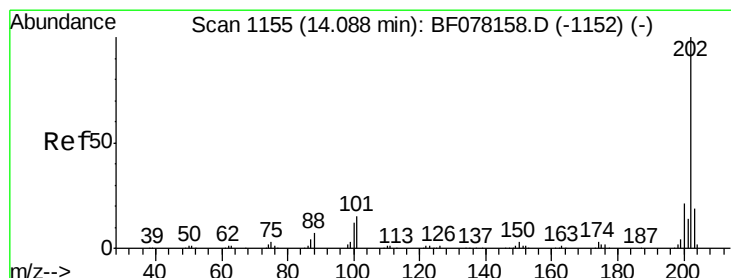
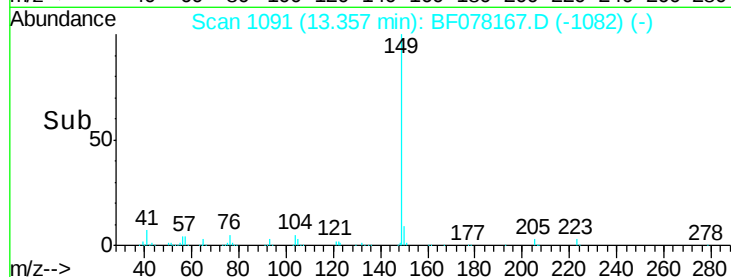
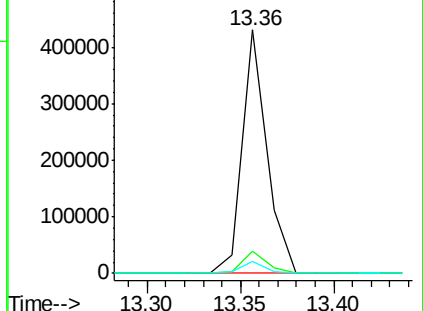
104 4.9 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.91 ng

RT: 14.09 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BF078167.D

Acq: 1 Apr 2015 22:26

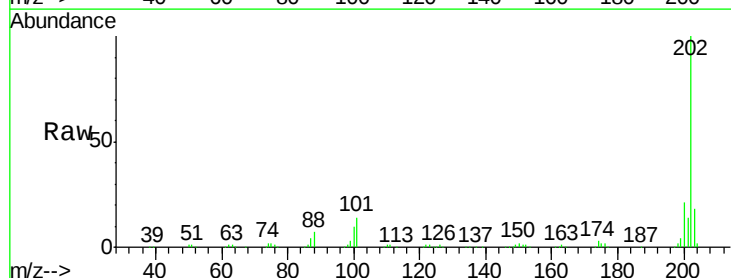
Tgt Ion:202 Resp: 395682

Ion Ratio Lower Upper

202 100

101 13.9 0.0 35.2

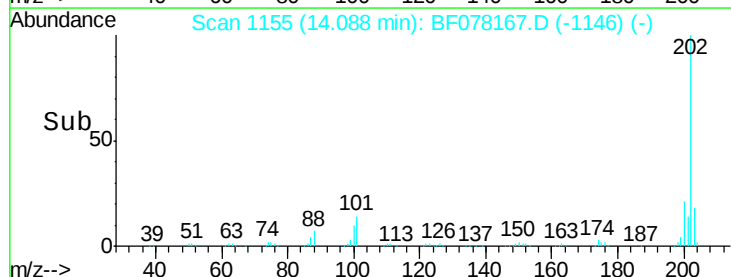
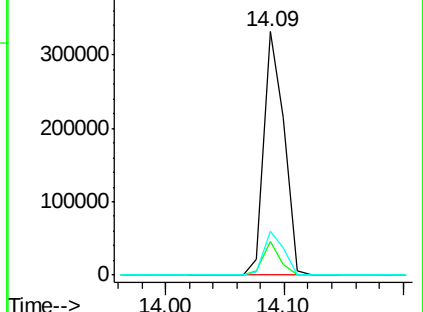
203 18.3 0.0 38.5

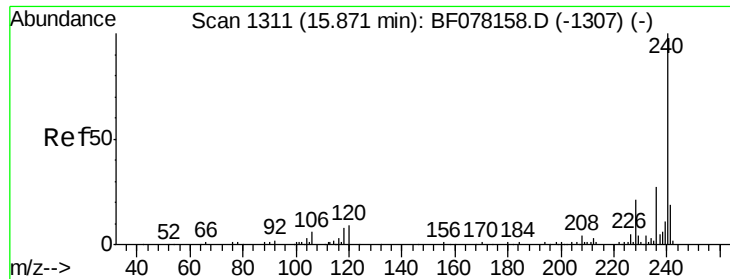


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

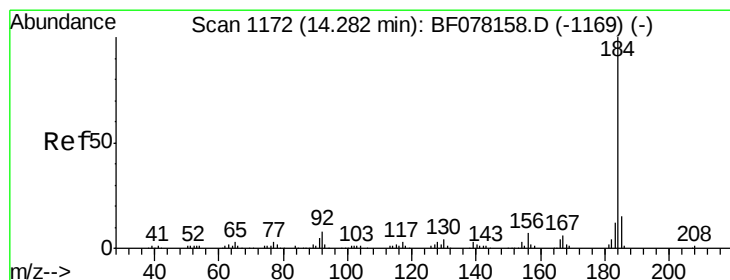
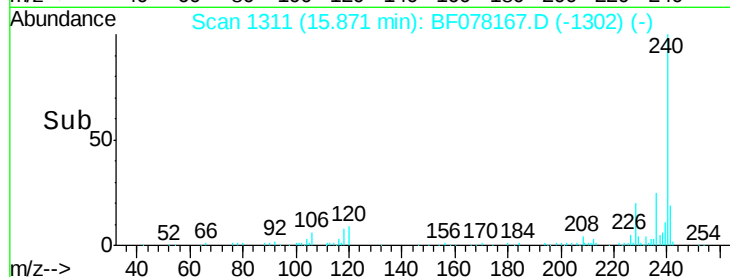
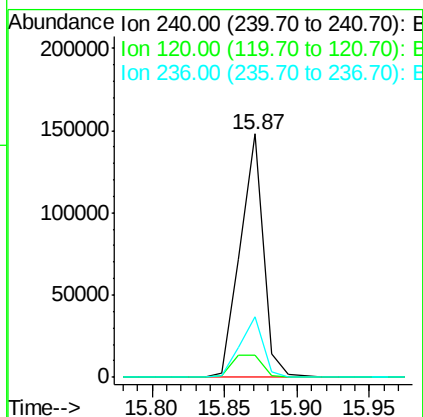
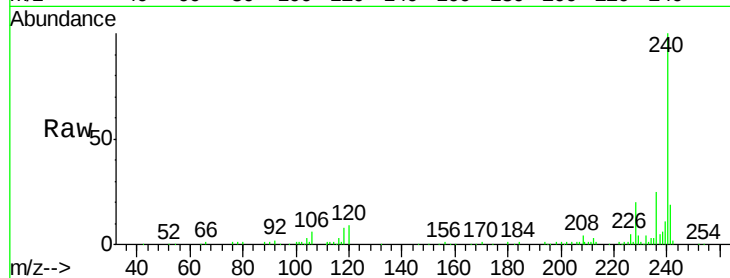




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.87 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF078167.D
Acq: 1 Apr 2015 22:26

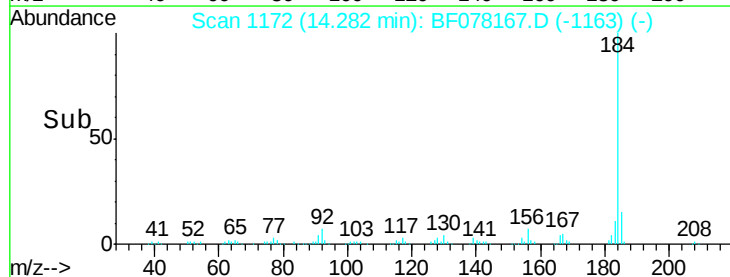
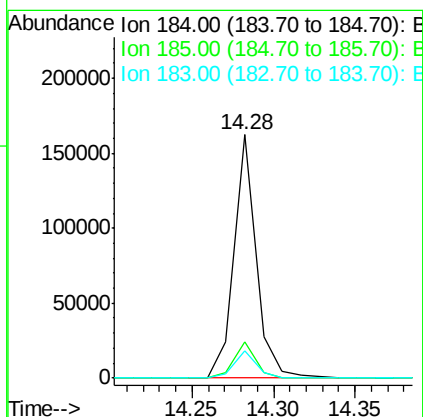
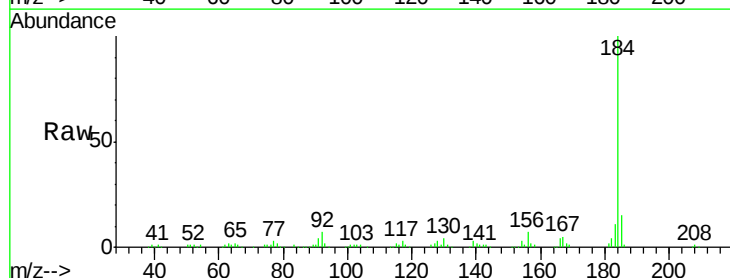
Instrument :
BNA_F
ClientSampleId :
PB82442BS

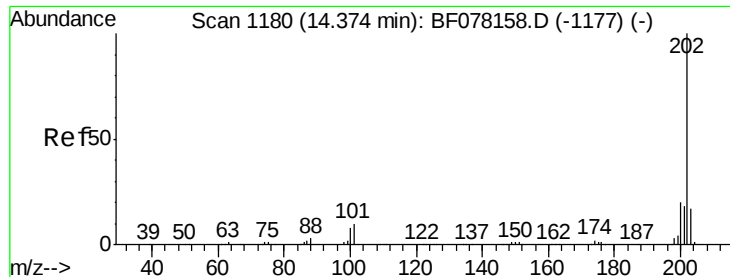
Tgt Ion:240 Resp: 164761
Ion Ratio Lower Upper
240 100
120 9.1 7.1 10.7
236 25.0 21.4 32.2



#76
Benzidine
Concen: 23.26 ng
RT: 14.28 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF078167.D
Acq: 1 Apr 2015 22:26

Tgt Ion:184 Resp: 152316
Ion Ratio Lower Upper
184 100
185 14.8 12.2 18.2
183 11.2 9.5 14.3

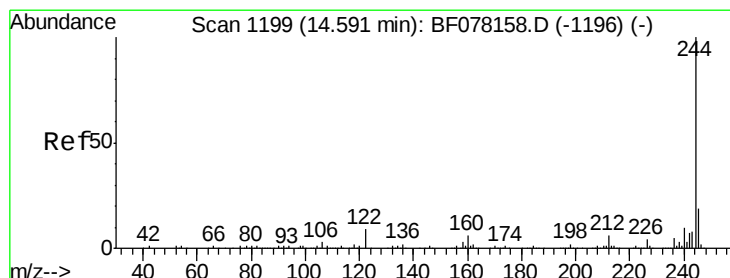
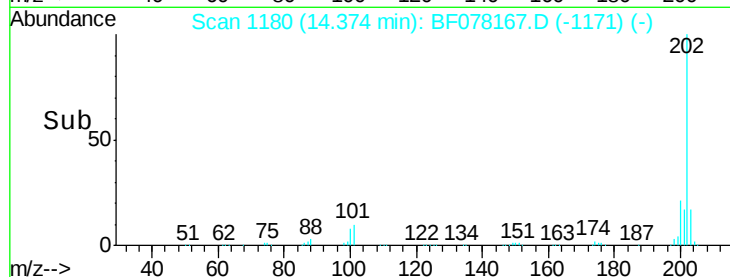
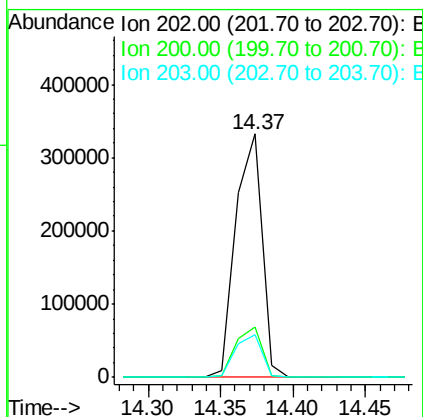
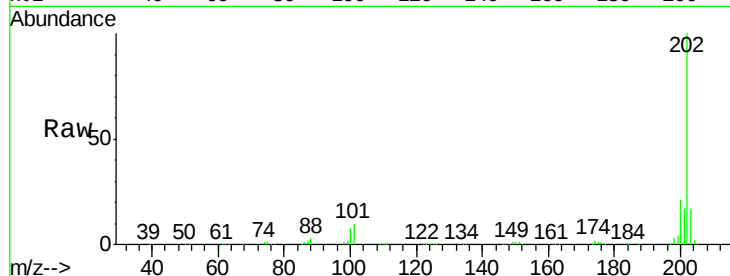




#77
 Pyrene
 Concen: 40.64 ng
 RT: 14.37 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF078167.D
 Acq: 1 Apr 2015 22:26

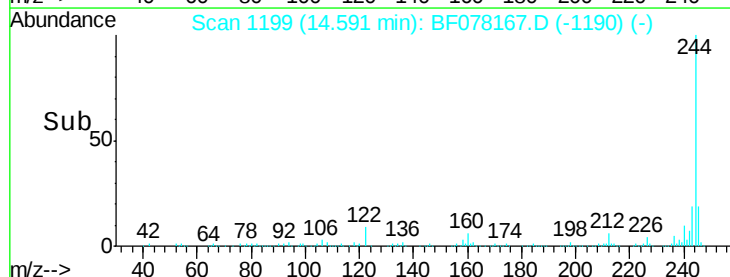
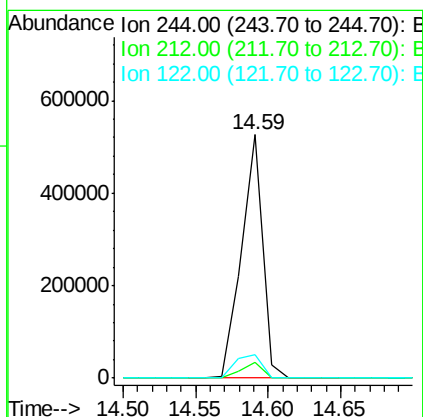
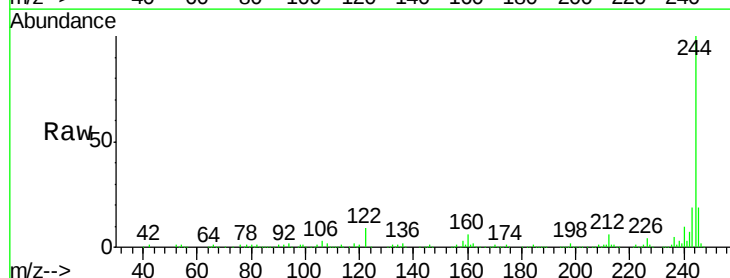
Instrument :
 BNA_F
 ClientSampleId :
 PB82442BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.3	24.5
203	17.4	13.8	20.6



#78
 Terphenyl-d14
 Concen: 73.70 ng
 RT: 14.59 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BF078167.D
 Acq: 1 Apr 2015 22:26

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.0	7.4
122	9.4	7.1	10.7

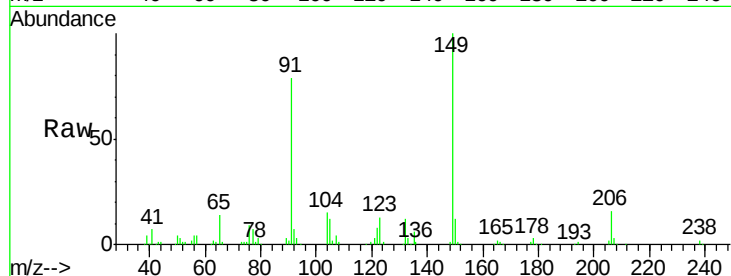




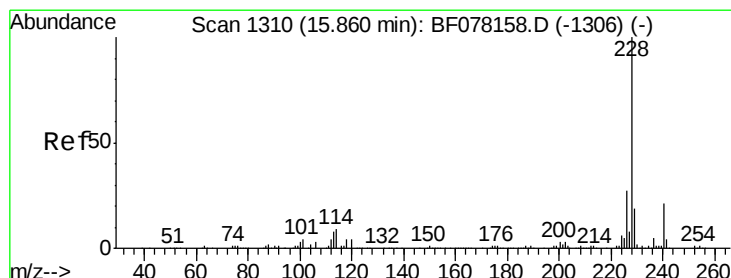
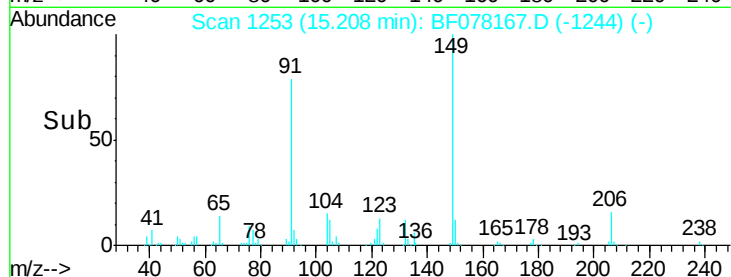
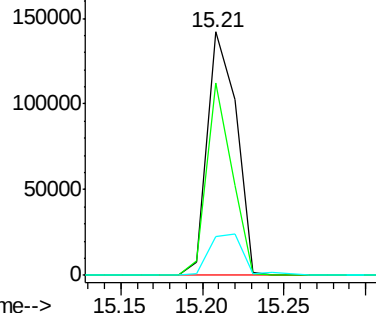
#79
Butylbenzylphthalate
Concen: 44.34 ng
RT: 15.21 min Scan# 1253
Delta R.T. -0.00 min
Lab File: BF078167.D
Acq: 1 Apr 2015 22:26

Instrument :
BNA_F
ClientSampleId :
PB82442BS

Tgt Ion:149 Resp: 174779
Ion Ratio Lower Upper
149 100
91 78.9 64.2 96.2
206 16.2 12.6 18.8

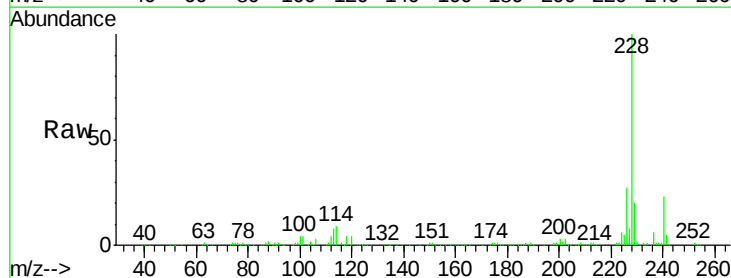


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

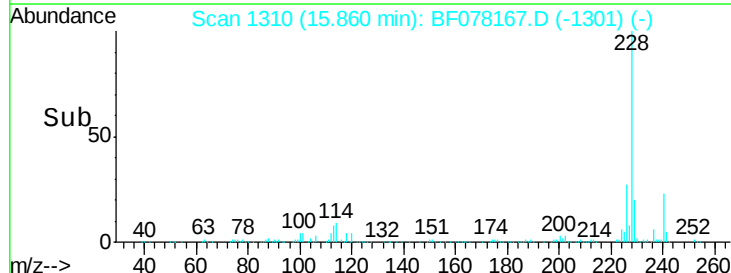
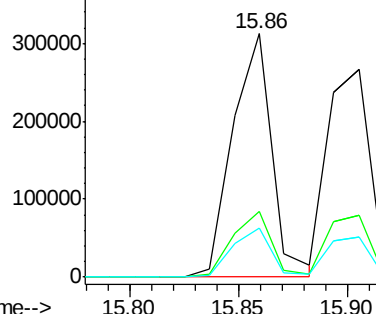


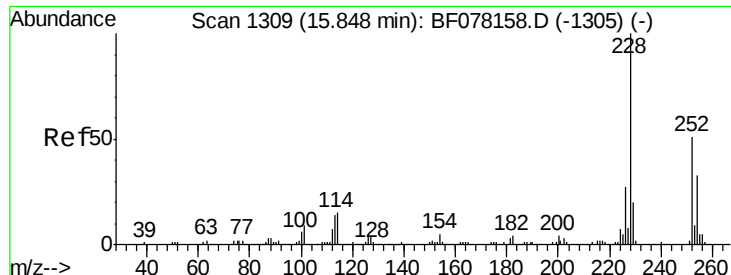
#80
Benzo(a)anthracene
Concen: 40.27 ng
RT: 15.86 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BF078167.D
Acq: 1 Apr 2015 22:26

Tgt Ion:228 Resp: 394744
Ion Ratio Lower Upper
228 100
226 27.1 21.3 31.9
229 19.9 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

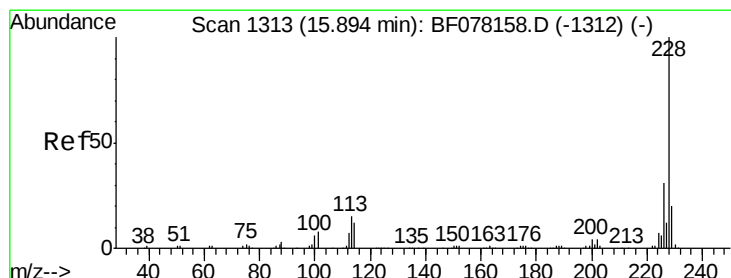
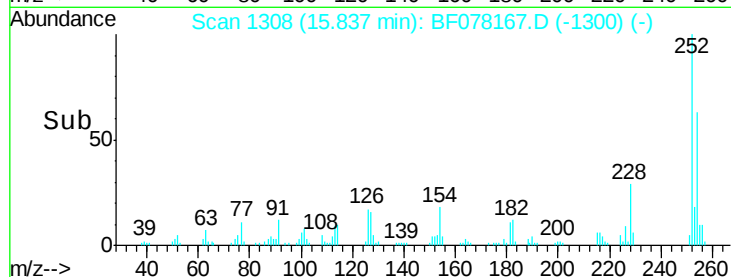
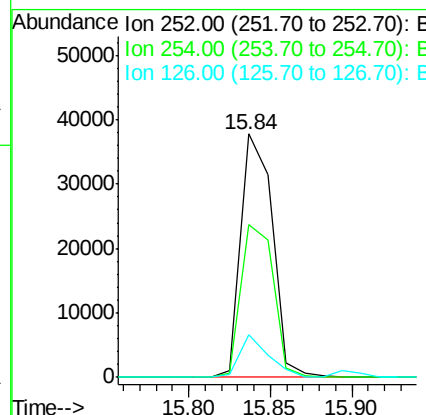
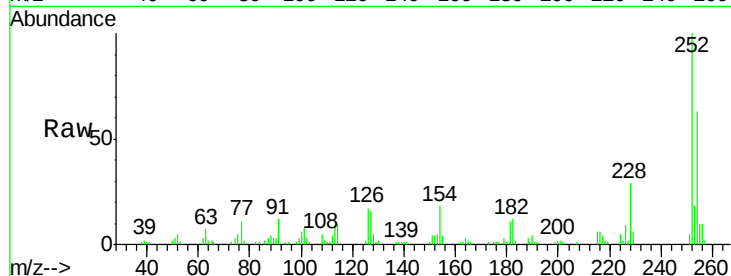




#81
 3,3'-Dichlorobenzidine
 Concen: 15.35 ng
 RT: 15.84 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF078167.D
 Acq: 1 Apr 2015 22:26

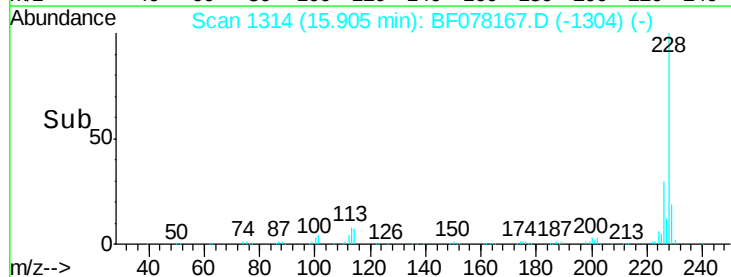
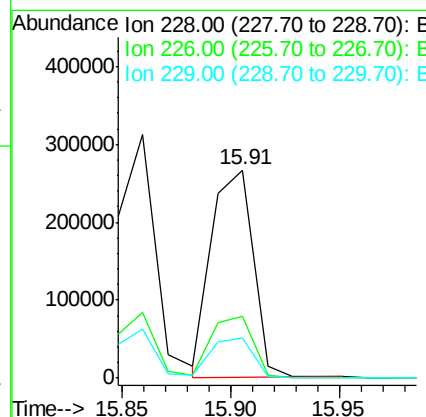
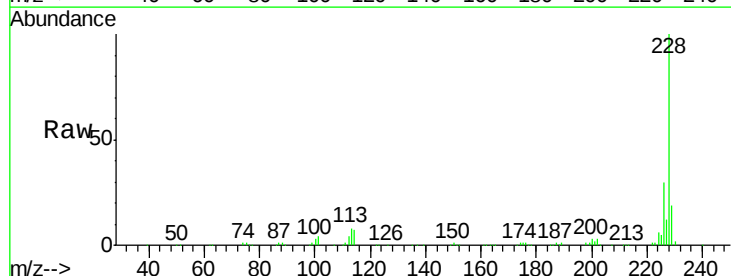
Instrument :
 BNA_F
 ClientSampleId :
 PB82442BS

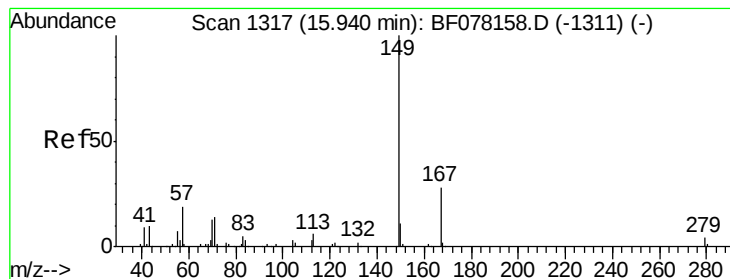
Tgt Ion: 252 Resp: 50389
 Ion Ratio Lower Upper
 252 100
 254 62.7 51.2 76.8
 126 17.3 6.3 9.5#



#82
 Chrysene
 Concen: 38.67 ng
 RT: 15.91 min Scan# 1314
 Delta R.T. 0.01 min
 Lab File: BF078167.D
 Acq: 1 Apr 2015 22:26

Tgt Ion: 228 Resp: 356181
 Ion Ratio Lower Upper
 228 100
 226 29.8 24.2 36.4
 229 19.5 15.8 23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.28 ng

RT: 15.93 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF078167.D

Acq: 1 Apr 2015 22:26

Instrument :

BNA_F

ClientSampleId :

PB82442BS

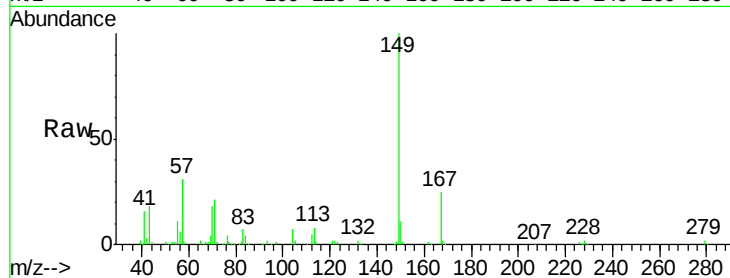
Tgt Ion:149 Resp: 261436

Ion Ratio Lower Upper

149 100

167 24.5 22.2 33.2

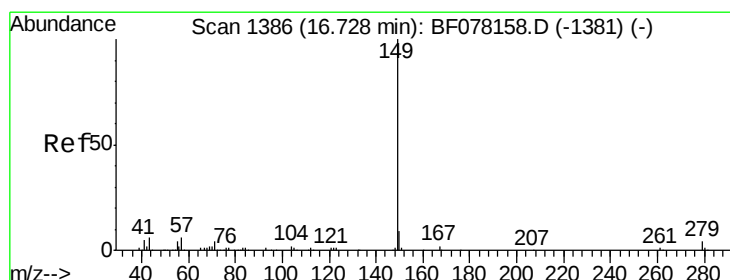
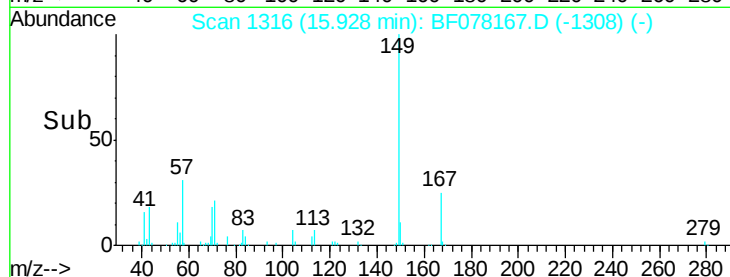
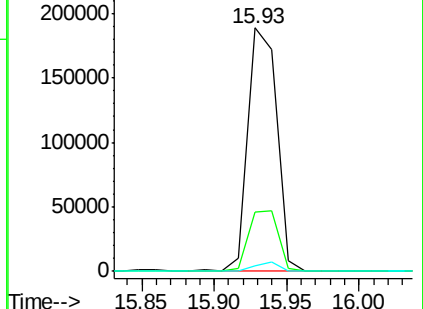
279 2.1 3.2 4.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 44.51 ng

RT: 16.72 min Scan# 1385

Delta R.T. -0.01 min

Lab File: BF078167.D

Acq: 1 Apr 2015 22:26

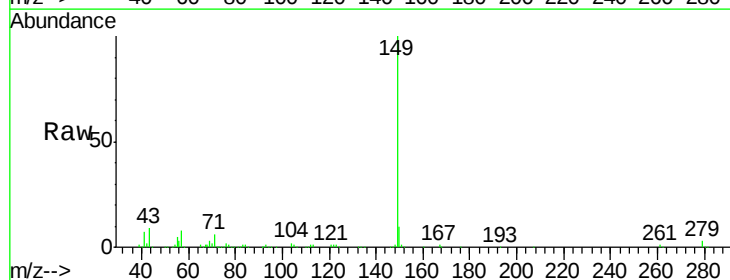
Tgt Ion:149 Resp: 451851

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

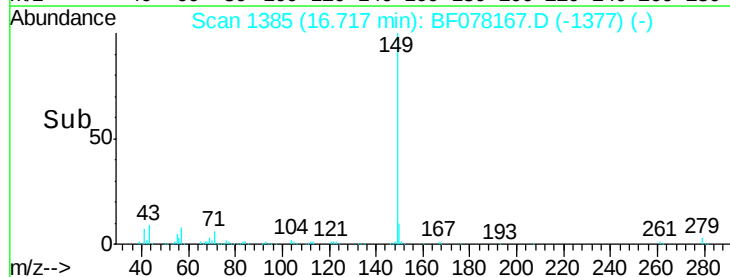
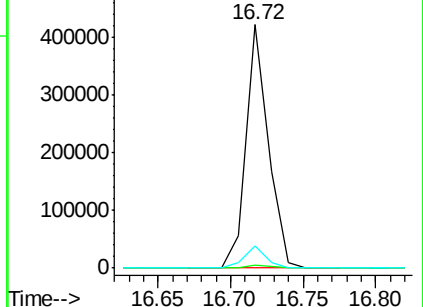
43 9.0 0.0 0.0#

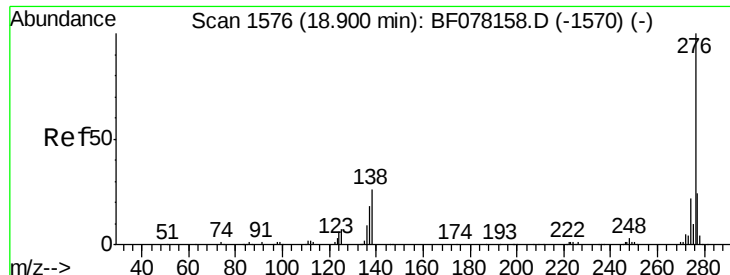


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

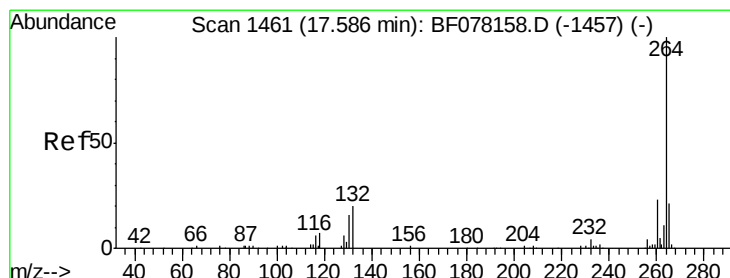
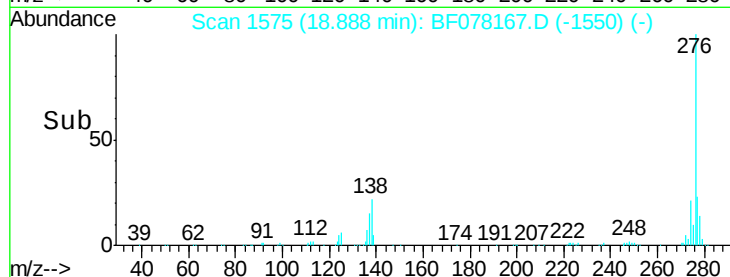
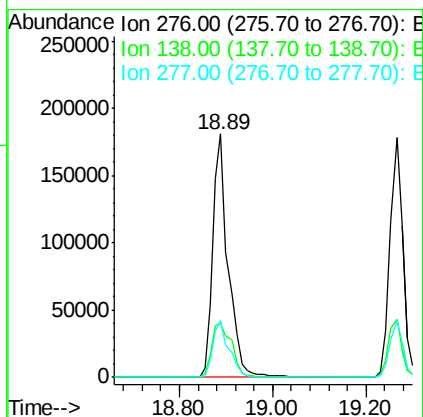
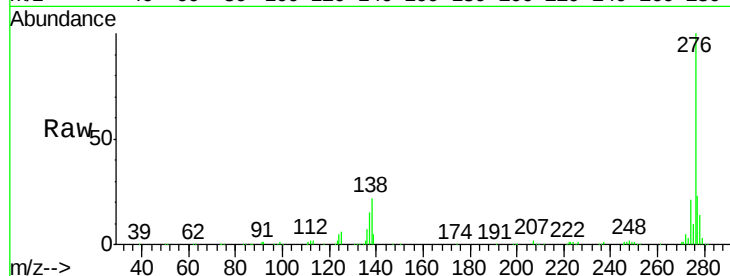




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.09 ng
 RT: 18.89 min Scan# 1575
 Delta R.T. -0.01 min
 Lab File: BF078167.D
 Acq: 1 Apr 2015 22:26

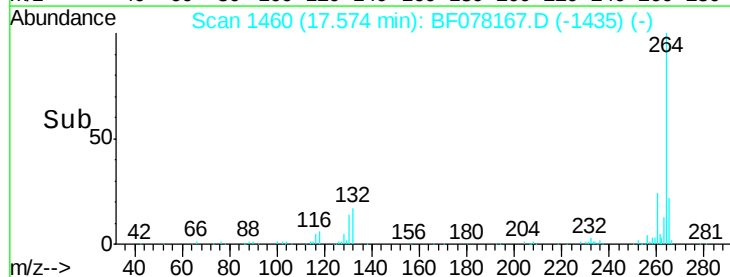
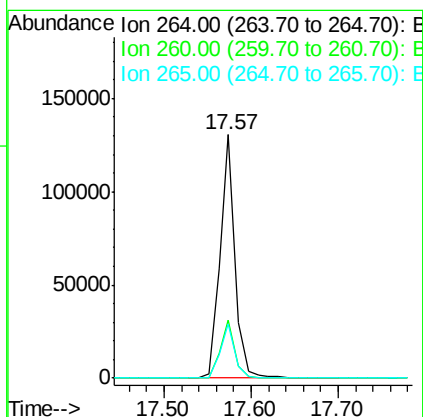
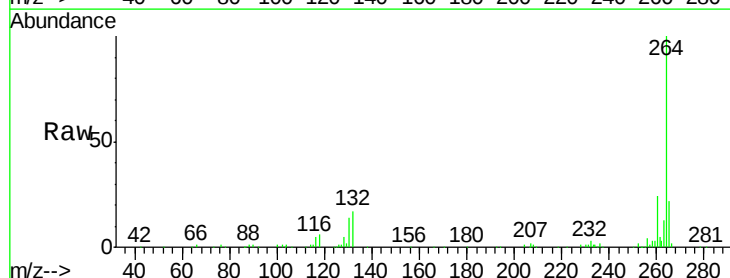
Instrument :
 BNA_F
 ClientSampleId :
 PB82442BS

Tgt Ion: 276 Resp: 418994
 Ion Ratio Lower Upper
 276 100
 138 28.8 16.9 25.3#
 277 24.5 15.8 23.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.57 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF078167.D
 Acq: 1 Apr 2015 22:26

Tgt Ion: 264 Resp: 157402
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.6 27.8
 265 22.2 17.0 25.6

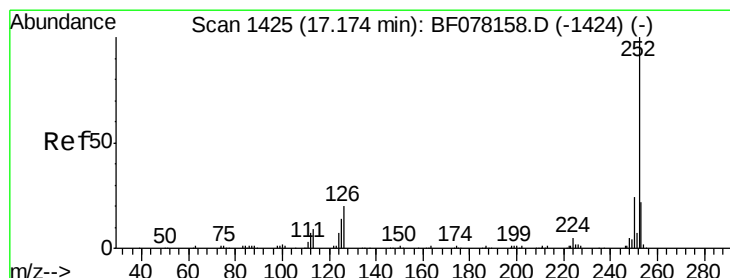
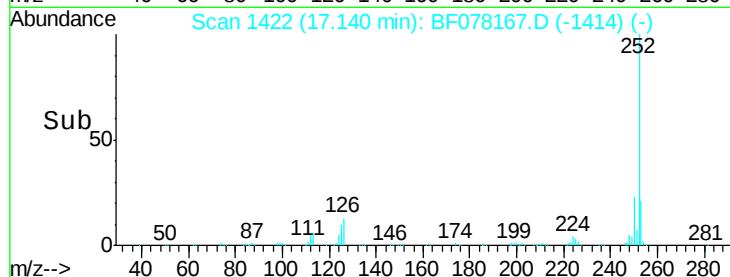
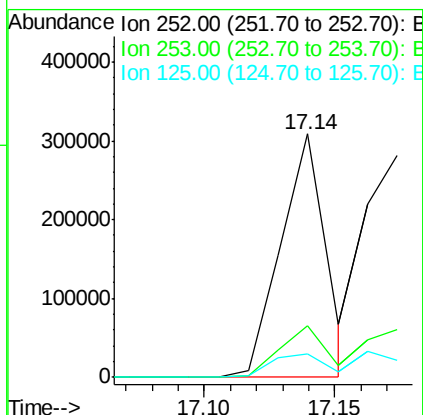
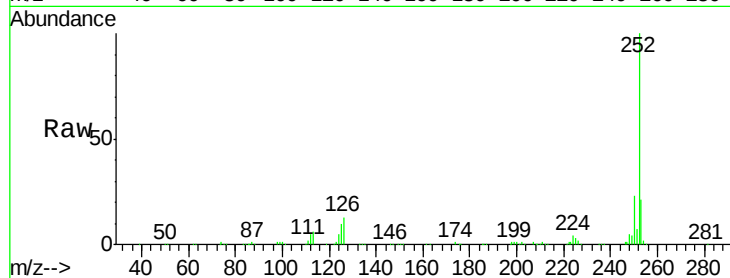




#87
Benzo(b)fluoranthene
Concen: 38.04 ng
RT: 17.14 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF078167.D
Acq: 1 Apr 2015 22:26

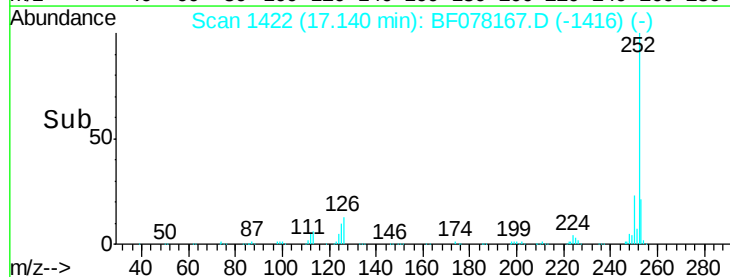
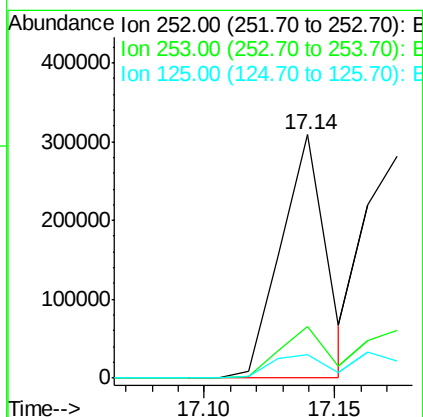
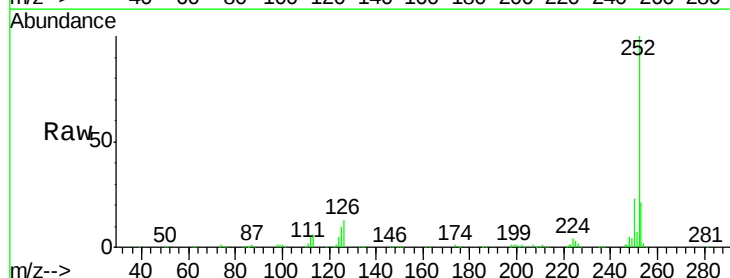
Instrument :
BNA_F
ClientSampleId :
PB82442BS

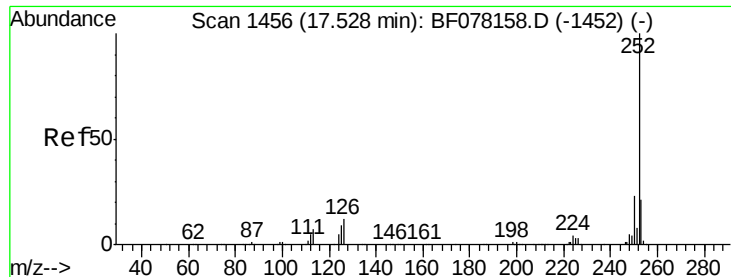
Tgt Ion:252 Resp: 370068
Ion Ratio Lower Upper
252 100
253 21.4 17.2 25.8
125 9.8 7.0 10.4



#88
Benzo(k)fluoranthene
Concen: 42.81 ng
RT: 17.14 min Scan# 1422
Delta R.T. -0.03 min
Lab File: BF078167.D
Acq: 1 Apr 2015 22:26

Tgt Ion:252 Resp: 370068
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 9.8 11.6 17.4#





#89

Benzo(a)pyrene

Concen: 41.93 ng

RT: 17.51 min Scan# 1454

Delta R.T. -0.02 min

Lab File: BF078167.D

Acq: 1 Apr 2015 22:26

Instrument :

BNA_F

ClientSampleId :

PB82442BS

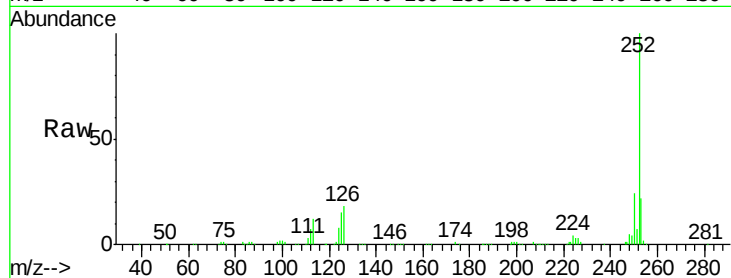
Tgt Ion:252 Resp: 355984

Ion Ratio Lower Upper

252 100

253 21.8 16.8 25.2

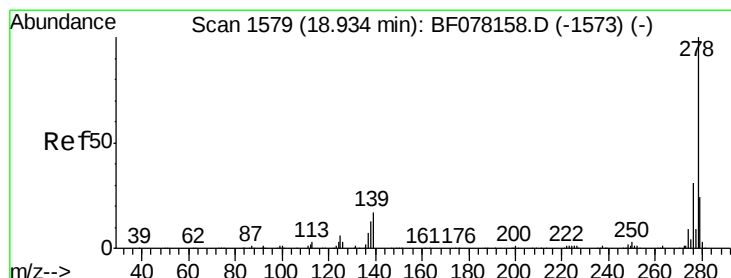
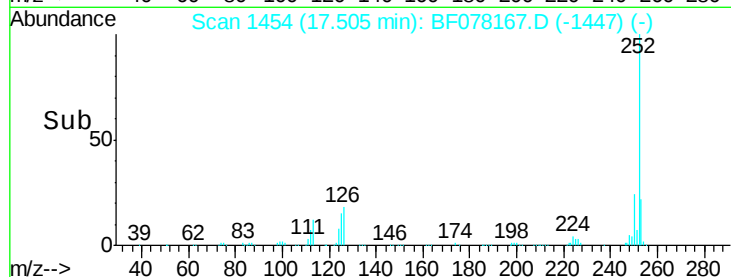
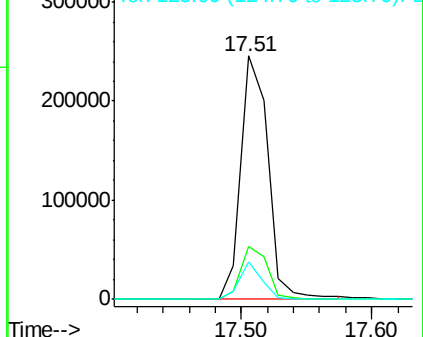
125 15.3 7.4 11.0#



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: 39.75 ng

RT: 18.91 min Scan# 1577

Delta R.T. -0.02 min

Lab File: BF078167.D

Acq: 1 Apr 2015 22:26

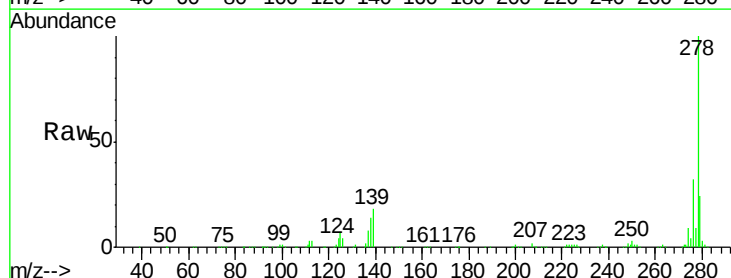
Tgt Ion:278 Resp: 337844

Ion Ratio Lower Upper

278 100

139 18.1 13.6 20.4

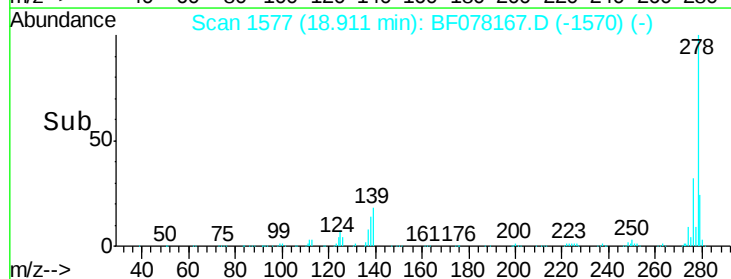
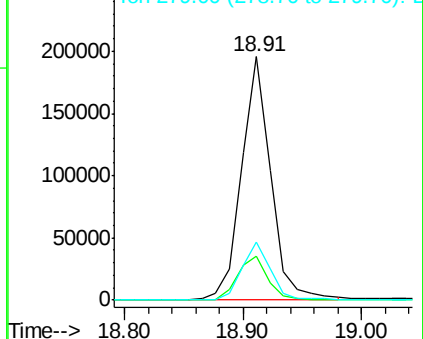
279 23.6 19.0 28.6

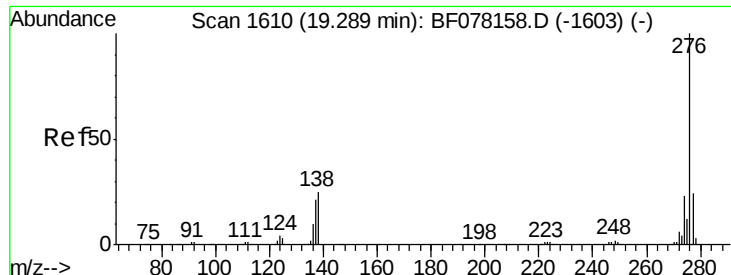


Abundance Ion 278.00 (277.70 to 278.70): E

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: 39.82 ng

RT: 19.27 min Scan# 1608

Delta R.T. -0.02 min

Lab File: BF078167.D

Acq: 1 Apr 2015 22:26

Instrument :

BNA_F

ClientSampleId :

PB82442BS

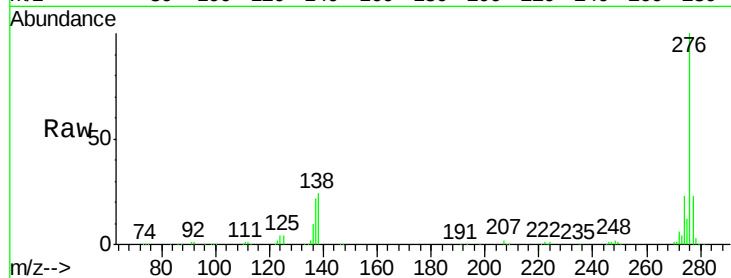
Tgt Ion: 276 Resp: 339345

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.4

138 24.2 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

