

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050515\
 Data File : BF078942.D
 Acq On : 5 May 2015 16:01
 Operator : TP/IZ
 Sample : G2032-08MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B4(5-7)MS

Quant Time: May 06 01:12:52 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 06 00:45:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	70949	20.00	ng	0.00
21) Naphthalene-d8	8.94	136	294284	20.00	ng	0.00
38) Acenaphthene-d10	11.11	164	144583	20.00	ng	0.00
63) Phenanthrene-d10	12.96	188	283300	20.00	ng	0.00
75) Chrysene-d12	16.26	240	295485	20.00	ng	-0.01
86) Perylene-d12	18.08	264	306197	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	414588	100.59	ng	0.01
7) Phenol-d6	6.90	99	527683	96.86	ng	0.00
23) Nitrobenzene-d5	8.04	82	308225	60.19	ng	0.00
41) 2,4,6-Tribromophenol	12.09	330	165835	106.02	ng	0.00
44) 2-Fluorobiphenyl	10.27	172	635426	61.23	ng	-0.01
78) Terphenyl-d14	14.95	244	812678	65.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.33	88	50398	28.12	ng	# 33
3) Pyridine	3.11	79	113236	21.59	ng	99
4) n-Nitrosodimethylamine	3.00	42	65223	29.03	ng	98
6) Aniline	6.95	93	111178	14.46	ng	99
8) 2-Chlorophenol	7.08	128	157387	33.67	ng	98
9) Benzaldehyde	6.81	77	11927	3.25	ng	98
10) Phenol	6.92	94	196449	31.08	ng	90
11) bis(2-Chloroethyl)ether	7.04	93	146595	31.64	ng	97
12) 1,3-Dichlorobenzene	7.28	146	163502	31.12	ng	97
13) 1,4-Dichlorobenzene	7.38	146	161206	29.81	ng	98
14) 1,2-Dichlorobenzene	7.56	146	156578	31.10	ng	98
15) Benzyl Alcohol	7.53	79	122943	30.40	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.71	45	226662	31.98	ng	99
17) 2-Methylphenol	7.67	107	122677	32.61	ng	95
18) Hexachloroethane	7.98	117	54885	29.47	ng	# 79
19) n-Nitroso-di-n-propylamine	7.86	70	113249	30.78	ng	95
20) 3+4-Methylphenols	7.86	107	164660	32.85	ng	91
22) Acetophenone	7.86	105	228071	34.30	ng	99
24) Nitrobenzene	8.07	77	163753	32.26	ng	96
25) Isophorone	8.36	82	295523	31.13	ng	98
26) 2-Nitrophenol	8.47	139	64802	30.85	ng	95
27) 2,4-Dimethylphenol	8.51	122	135455	32.22	ng	97
28) bis(2-Chloroethoxy)methane	8.64	93	183088	31.29	ng	# 96
29) 2,4-Dichlorophenol	8.75	162	130194	34.83	ng	97
30) 1,2,4-Trichlorobenzene	8.87	180	129017	31.42	ng	99
31) Naphthalene	8.96	128	459236	32.75	ng	100
32) Benzoic acid	8.58	122	22579	13.76	ng	92
33) 4-Chloroaniline	9.03	127	103811	17.50	ng	98
34) Hexachlorobutadiene	9.12	225	70306	29.73	ng	99
35) Caprolactam	9.44	113	38810	32.11	ng	90
36) 4-Chloro-3-methylphenol	9.63	107	129030	32.86	ng	# 81
37) 2-Methylnaphthalene	9.82	142	315734	32.49	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.02	216	128283	31.50	ng	# 100
40) Hexachlorocyclopentadiene	10.01	237	108980	53.22	ng	97

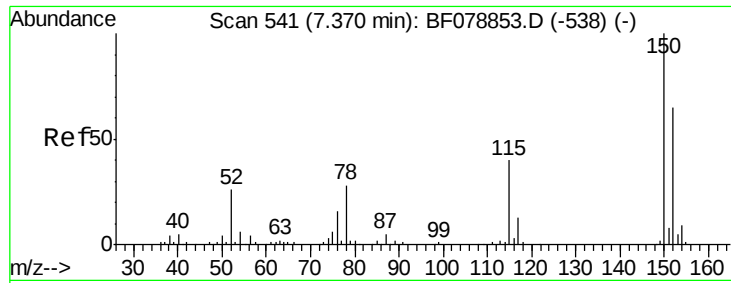
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050515\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 06 00:45:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.17	196	83856	29.95	ng	96
43) 2,4,5-Trichlorophenol	10.20	196	93420	33.01	ng	# 93
45) 1,1'-Biphenyl	10.40	154	368584	32.07	ng	99
46) 2-Chloronaphthalene	10.42	162	288433	32.17	ng	98
47) 2-Nitroaniline	10.55	65	84542	32.54	ng	93
48) Acenaphthylene	10.94	152	469065	31.86	ng	99
49) Dimethylphthalate	10.79	163	384561	36.24	ng	99
50) 2,6-Dinitrotoluene	10.86	165	68118	32.53	ng	87
51) Acenaphthene	11.15	154	270494	30.81	ng	100
52) 3-Nitroaniline	11.06	138	63778	24.38	ng	# 94
53) 2,4-Dinitrophenol	11.19	184	31751	48.97	ng	95
54) Dibenzofuran	11.37	168	410765	32.39	ng	94
55) 4-Nitrophenol	11.26	139	125619	60.67	ng	# 73
56) 2,4-Dinitrotoluene	11.35	165	86530	31.26	ng	94
57) Fluorene	11.79	166	342217	32.88	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.52	232	70976	30.69	ng	# 100
59) Diethylphthalate	11.67	149	332214	31.60	ng	99
60) 4-Chlorophenyl-phenylether	11.79	204	146580	31.75	ng	# 82
61) 4-Nitroaniline	11.82	138	81683	31.21	ng	88
62) Azobenzene	11.99	77	337984	32.63	ng	91
64) 4,6-Dinitro-2-methylphenol	11.85	198	30336	30.32	ng	88
65) n-Nitrosodiphenylamine	11.94	169	282411	29.93	ng	99
66) 4-Bromophenyl-phenylether	12.41	248	91108	30.85	ng	# 89
67) Hexachlorobenzene	12.47	284	103889	30.78	ng	# 84
68) Atrazine	12.62	200	91549	33.37	ng	98
69) Pentachlorophenol	12.71	266	101566	53.88	ng	95
70) Phenanthrene	12.98	178	488174	30.80	ng	100
71) Anthracene	13.05	178	492919	31.70	ng	99
72) Carbazole	13.26	167	490659	33.11	ng	98
73) Di-n-butylphthalate	13.70	149	573371	32.26	ng	# 98
74) Fluoranthene	14.47	202	542175	32.83	ng	93
76) Benzidine	14.64	184	134964	16.95	ng	98
77) Pyrene	14.74	202	555933	32.65	ng	99
79) Butylbenzylphthalate	15.57	149	244159	32.80	ng	94
80) Benzo(a)anthracene	16.25	228	526768	32.55	ng	99
81) 3,3'-Dichlorobenzidine	16.23	252	158579	27.51	ng	# 99
82) Chrysene	16.30	228	498219	32.01	ng	100
83) Bis(2-ethylhexyl)phthalate	16.31	149	376491	33.40	ng	99
84) Di-n-octyl phthalate	17.13	149	621398	31.30	ng	# 100
85) Indeno(1,2,3-cd)pyrene	19.59	276	652575	32.91	ng	# 100
87) Benzo(b)fluoranthene	17.61	252	542685	32.38	ng	# 96
88) Benzo(k)fluoranthene	17.65	252	516717	31.85	ng	# 94
89) Benzo(a)pyrene	18.01	252	516057	33.44	ng	# 97
90) Dibenzo(a,h)anthracene	19.62	278	516235	31.48	ng	99
91) Benzo(g,h,i)perylene	20.03	276	532906	32.42	ng	97

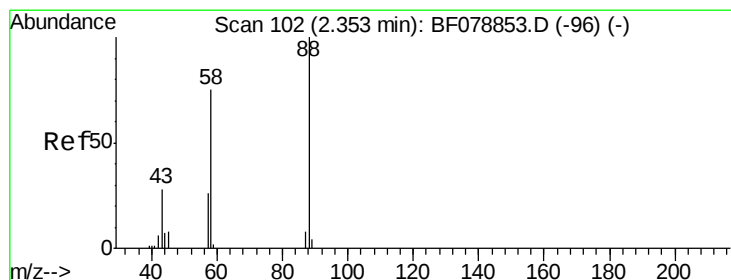
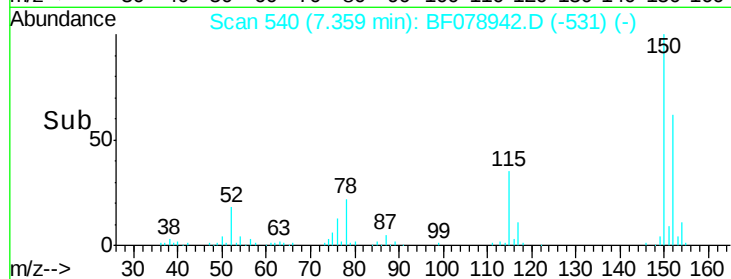
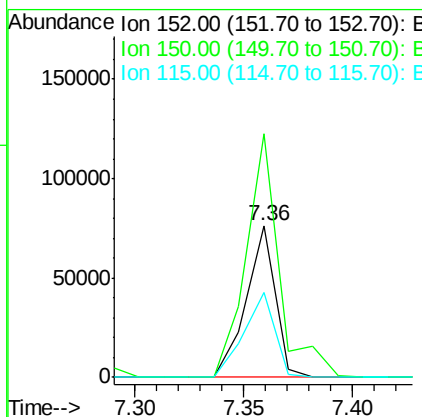
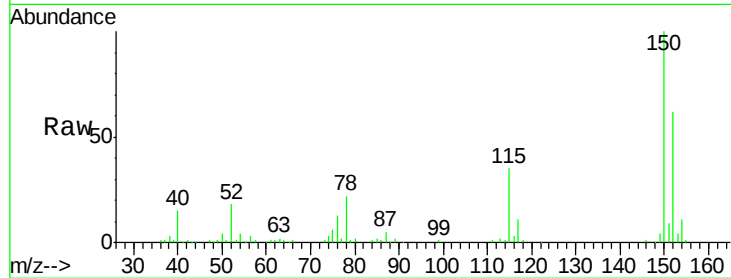
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.36 min Scan# 540
 Delta R.T. -0.00 min
 Lab File: BF078942.D
 Acq: 5 May 2015 16:01

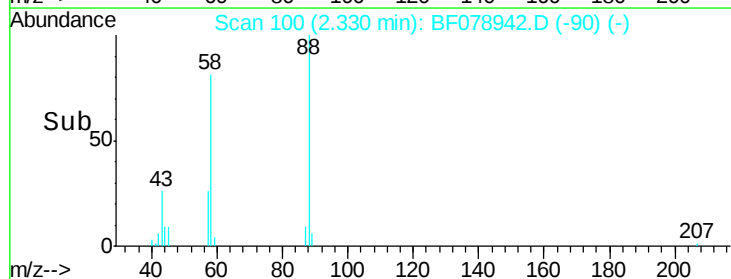
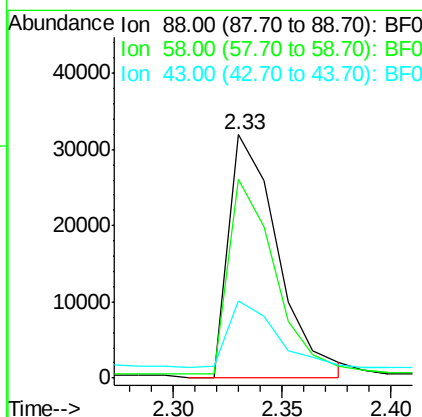
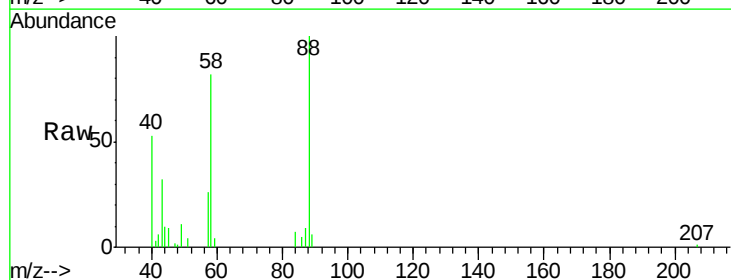
Instrument :
 BNA_F
 ClientSampleId :
 B4(5-7)MS

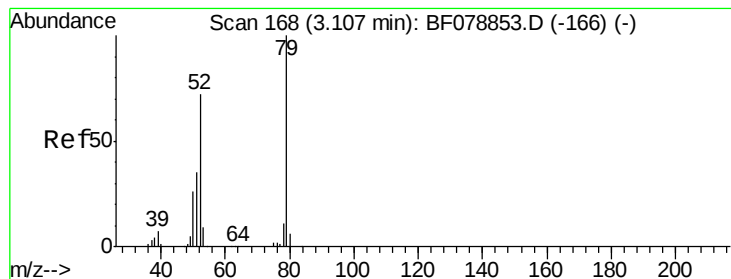
Tgt Ion:152 Resp: 70949
 Ion Ratio Lower Upper
 152 100
 150 160.1 122.0 183.0
 115 55.8 46.3 69.5



#2
 1,4-Dioxane
 Concen: 28.12 ng
 RT: 2.33 min Scan# 100
 Delta R.T. 0.01 min
 Lab File: BF078942.D
 Acq: 5 May 2015 16:01

Tgt Ion: 88 Resp: 50398
 Ion Ratio Lower Upper
 88 100
 58 75.8 0.0 0.0#
 43 26.2 3.3 4.9#





#3

Pyridine

Concen: 21.59 ng

RT: 3.11 min Scan# 168

Delta R.T. 0.03 min

Lab File: BF078942.D

Acq: 5 May 2015 16:01

Instrument :

BNA_F

ClientSampleId :

B4(5-7)MS

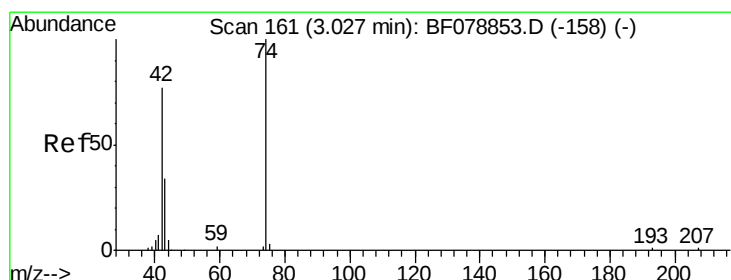
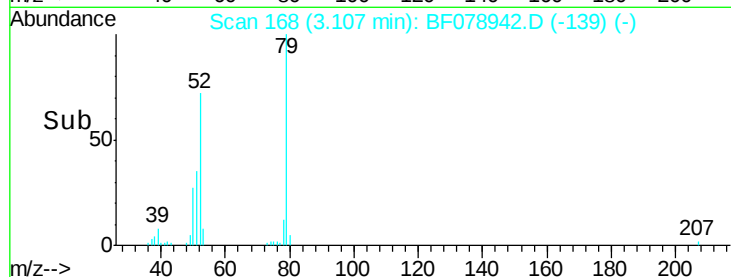
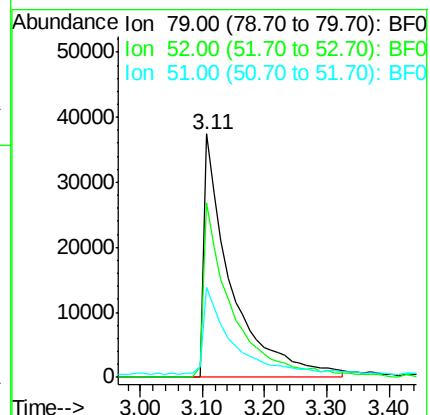
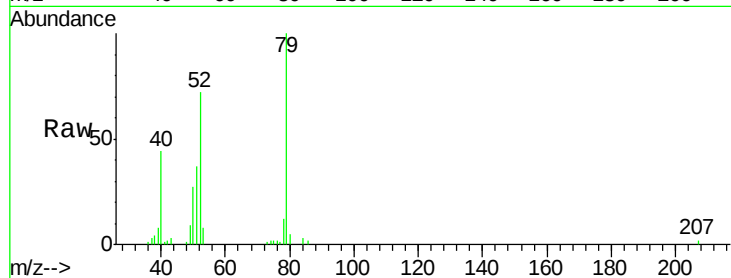
Tgt Ion: 79 Resp: 113236

Ion Ratio Lower Upper

79 100

52 71.8 57.2 85.8

51 37.2 28.9 43.3



#4

n-Nitrosodimethylamine

Concen: 29.03 ng

RT: 3.00 min Scan# 159

Delta R.T. 0.01 min

Lab File: BF078942.D

Acq: 5 May 2015 16:01

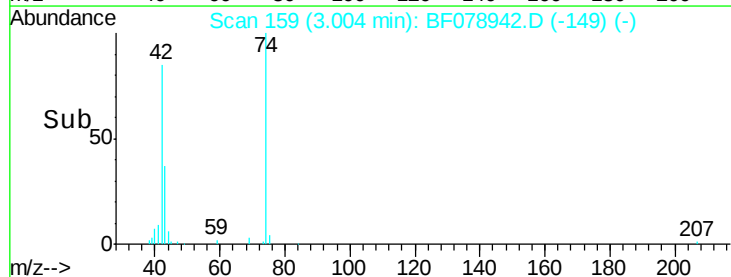
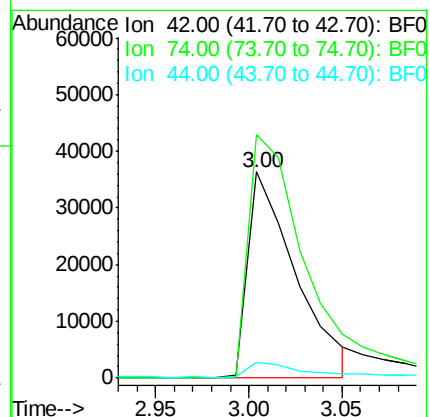
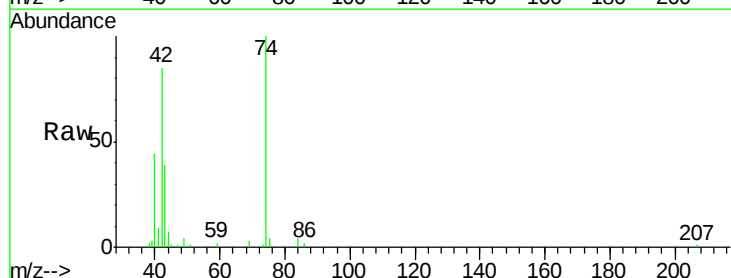
Tgt Ion: 42 Resp: 65223

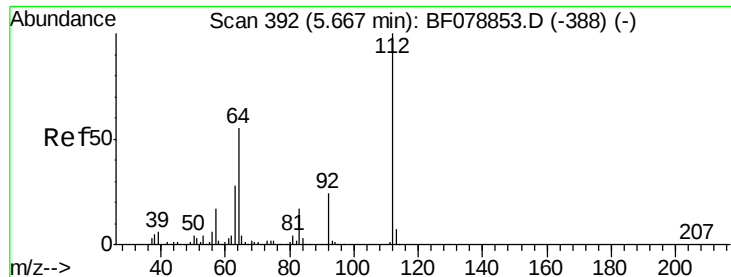
Ion Ratio Lower Upper

42 100

74 118.2 96.5 144.7

44 7.9 6.1 9.1





#5

2-Fluorophenol

Concen: 100.59 ng

RT: 5.66 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF078942.D

Acq: 5 May 2015 16:01

Instrument :

BNA_F

ClientSampleId :

B4(5-7)MS

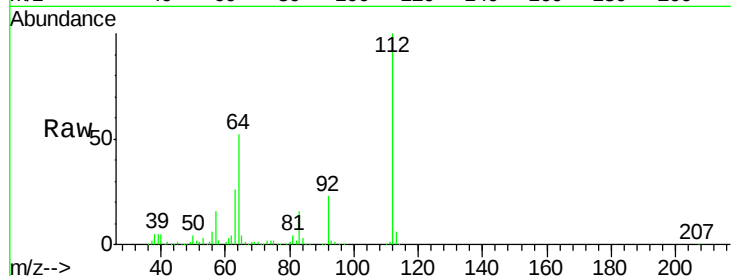
Tgt Ion:112 Resp: 414588

Ion Ratio Lower Upper

112 100

64 51.9 53.5 80.3#

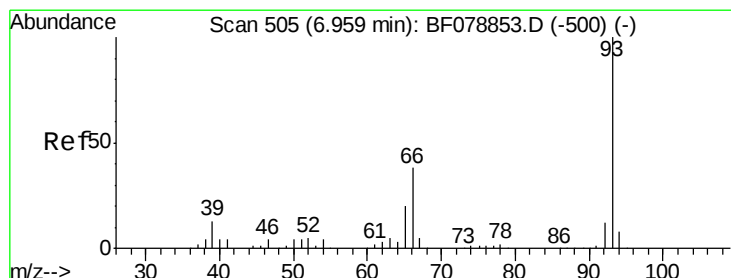
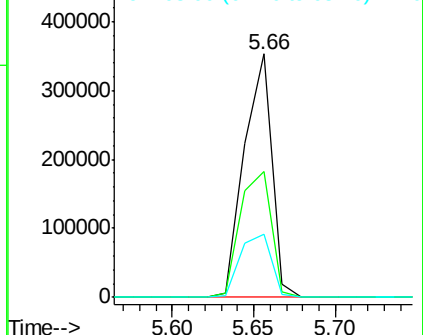
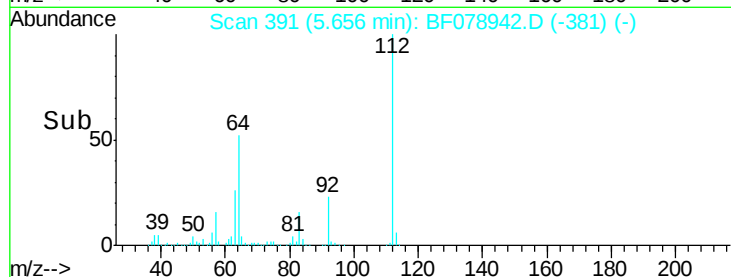
63 26.0 27.5 41.3#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 14.46 ng

RT: 6.95 min Scan# 504

Delta R.T. -0.00 min

Lab File: BF078942.D

Acq: 5 May 2015 16:01

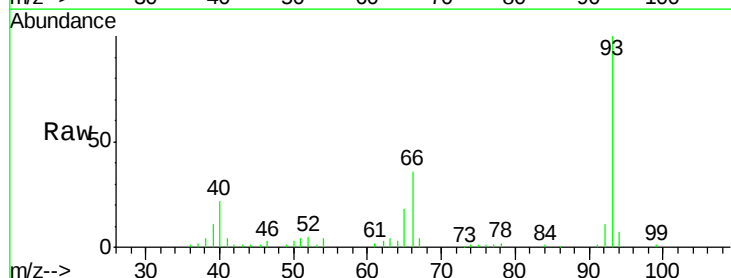
Tgt Ion: 93 Resp: 111178

Ion Ratio Lower Upper

93 100

66 36.0 29.7 44.5

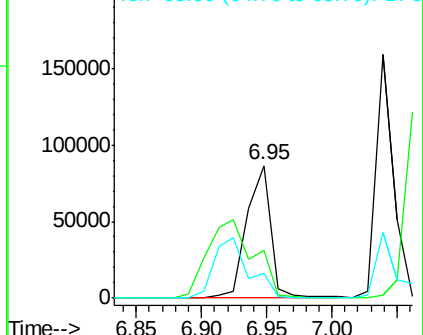
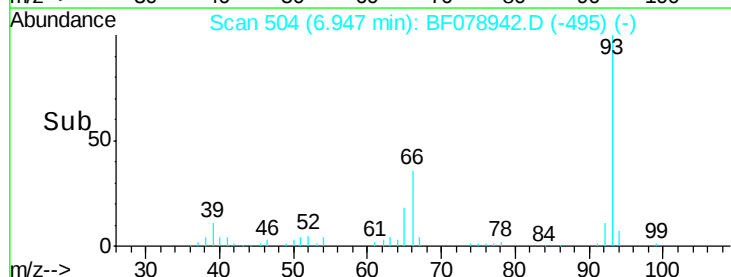
65 18.3 14.6 22.0

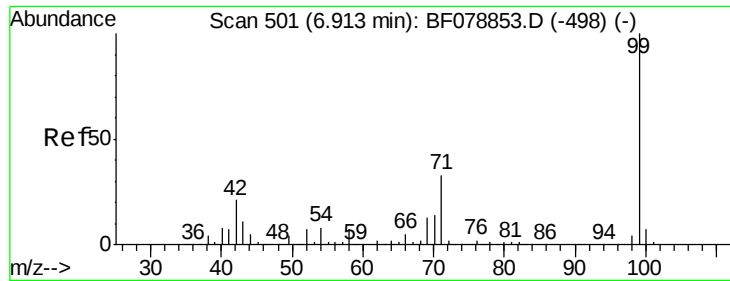


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 96.86 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF078942.D

Acq: 5 May 2015 16:01

Instrument :

BNA_F

ClientSampleId :

B4(5-7)MS

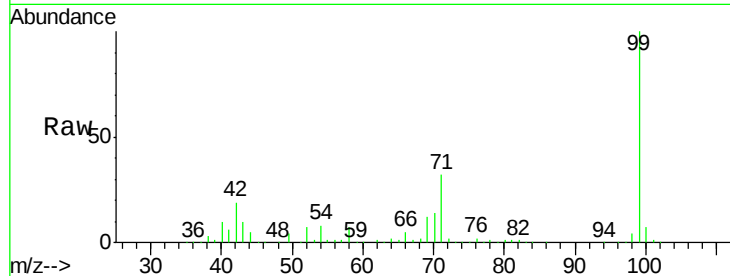
Tgt Ion: 99 Resp: 527683

Ion Ratio Lower Upper

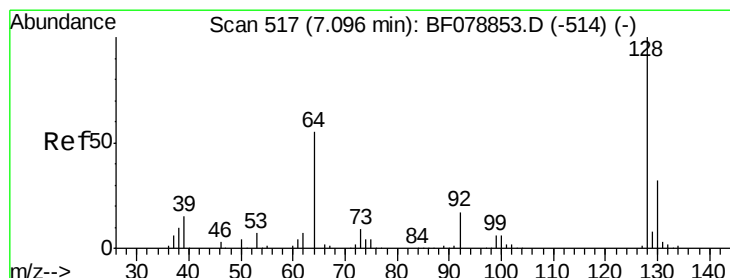
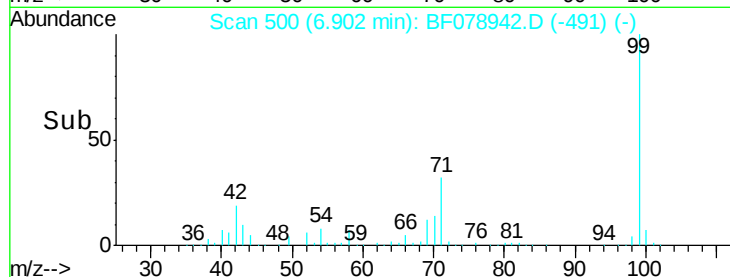
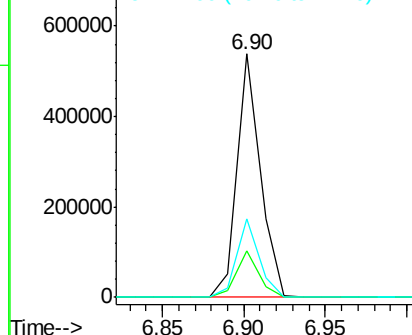
99 100

42 19.2 12.8 19.2#

71 32.3 23.4 35.2



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: 33.67 ng

RT: 7.08 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF078942.D

Acq: 5 May 2015 16:01

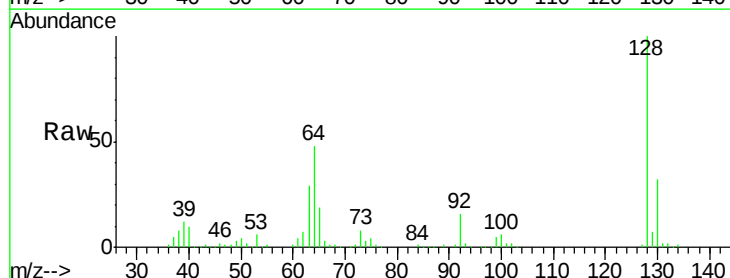
Tgt Ion: 128 Resp: 157387

Ion Ratio Lower Upper

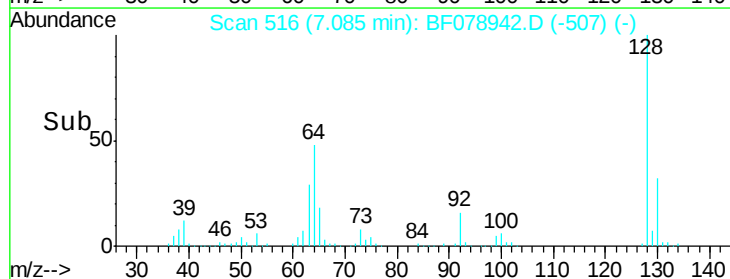
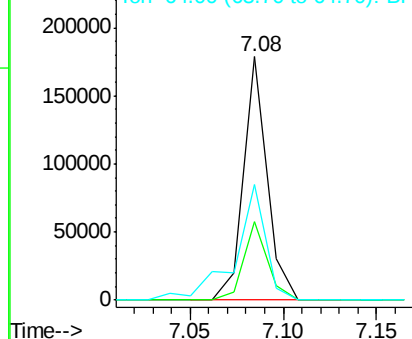
128 100

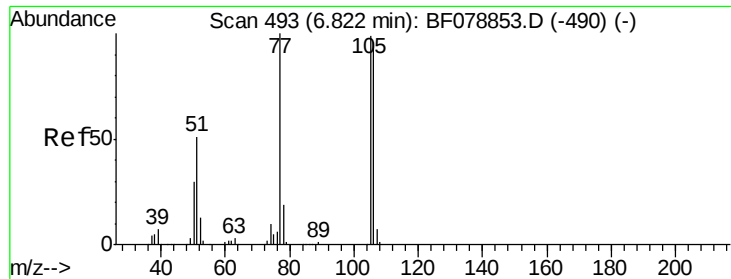
130 32.4 12.1 52.1

64 47.7 29.6 69.6



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: 3.25 ng

RT: 6.81 min Scan# 492

Delta R.T. -0.00 min

Lab File: BF078942.D

Acq: 5 May 2015 16:01

Instrument :

BNA_F

ClientSampleId :

B4(5-7)MS

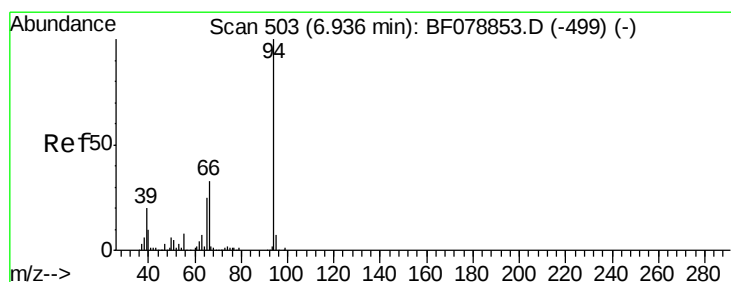
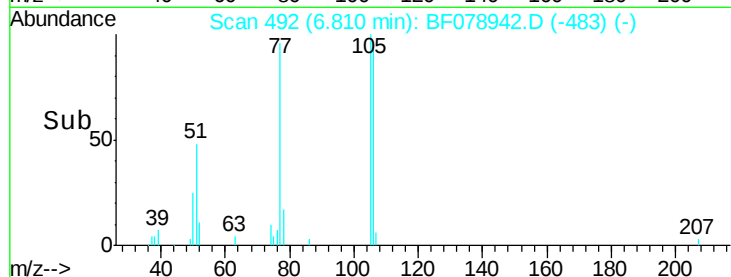
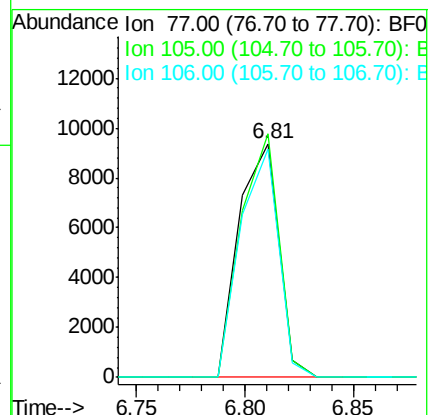
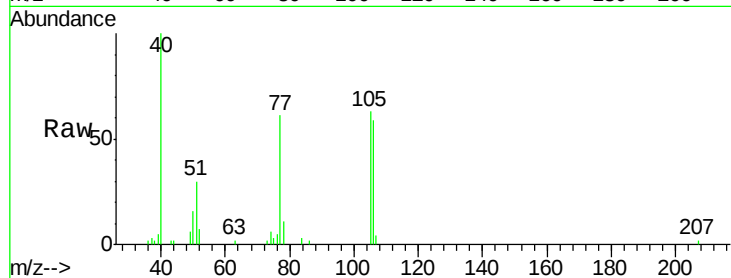
Tgt Ion: 77 Resp: 11927

Ion Ratio Lower Upper

77 100

105 104.2 81.7 121.7

106 97.9 79.0 119.0



#10

Phenol

Concen: 31.08 ng

RT: 6.92 min Scan# 502

Delta R.T. -0.00 min

Lab File: BF078942.D

Acq: 5 May 2015 16:01

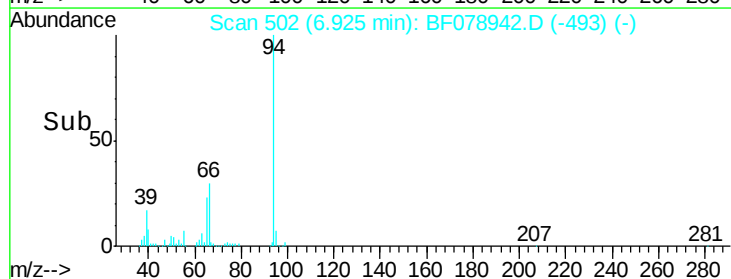
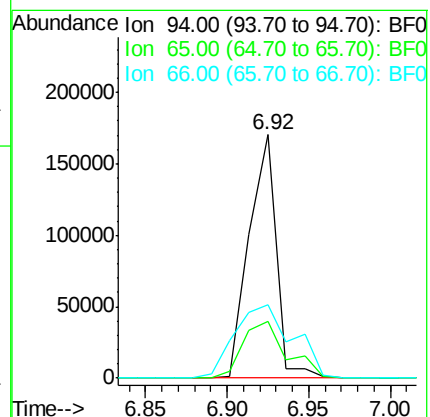
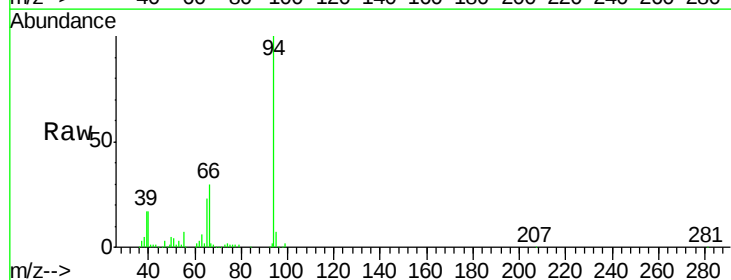
Tgt Ion: 94 Resp: 196449

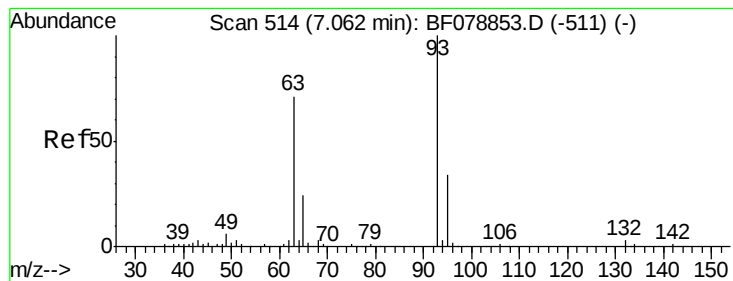
Ion Ratio Lower Upper

94 100

65 23.3 8.5 48.5

66 30.2 16.0 56.0





#11

bis(2-Chloroethyl)ether

Concen: 31.64 ng

RT: 7.04 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF078942.D

Acq: 5 May 2015 16:01

Instrument :

BNA_F

ClientSampleId :

B4(5-7)MS

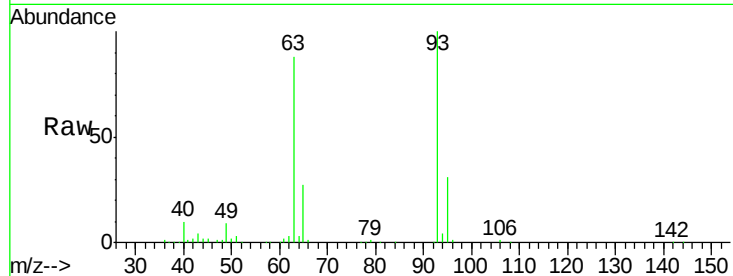
Tgt Ion: 93 Resp: 146595

Ion Ratio Lower Upper

93 100

63 88.0 64.8 104.8

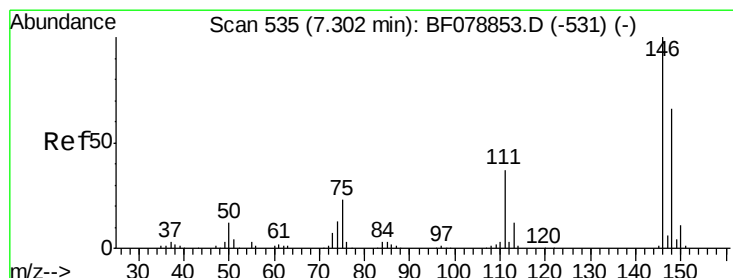
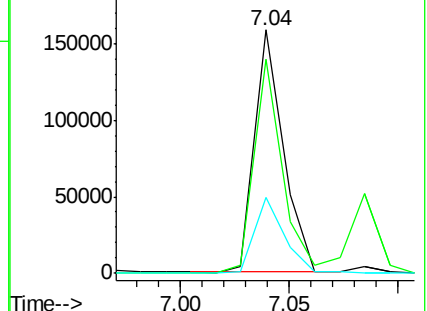
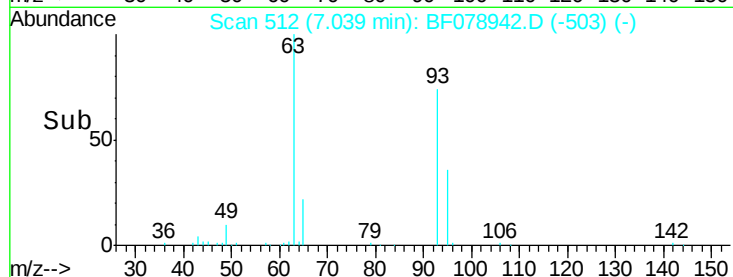
95 31.4 12.4 52.4



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: 31.12 ng

RT: 7.28 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF078942.D

Acq: 5 May 2015 16:01

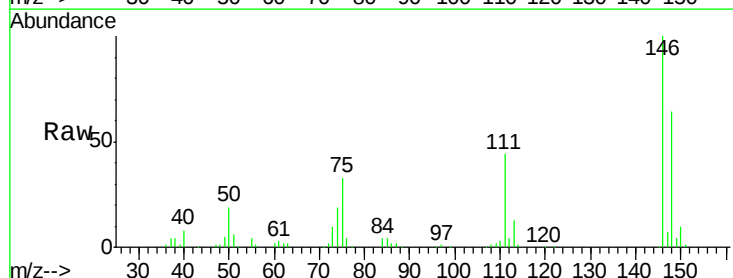
Tgt Ion: 146 Resp: 163502

Ion Ratio Lower Upper

146 100

148 63.9 50.2 75.2

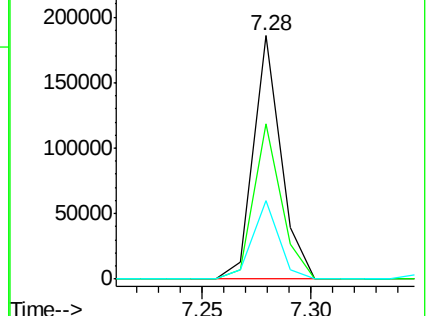
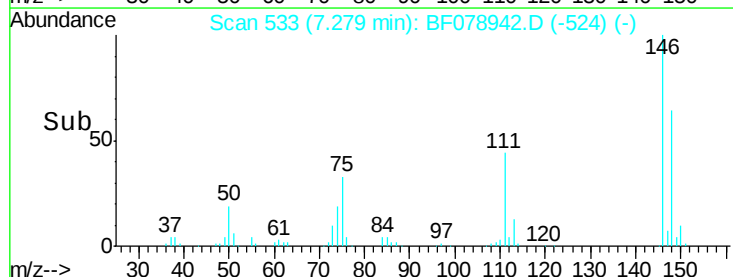
75 32.5 29.2 43.8

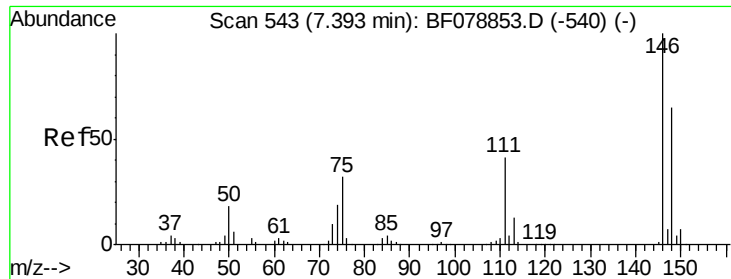


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

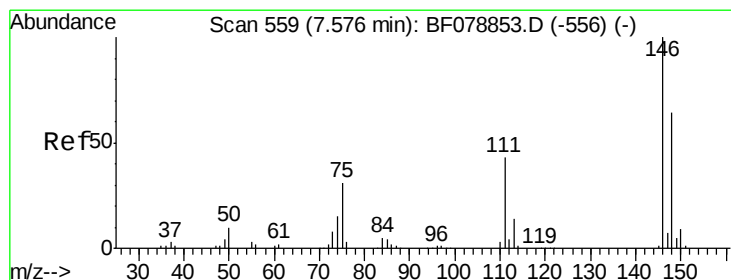
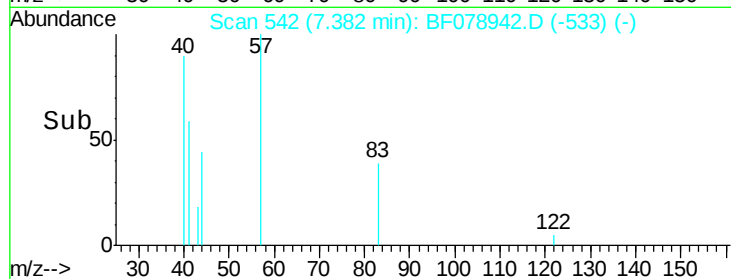
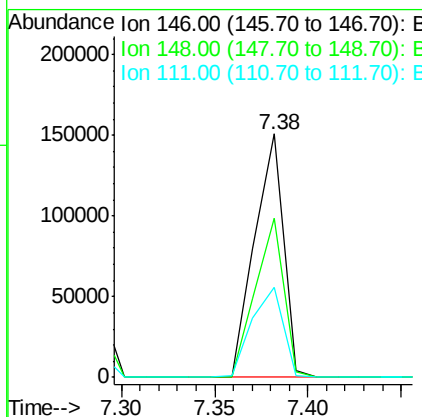
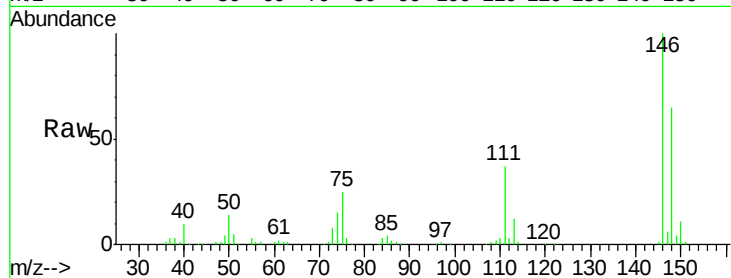




#13
 1,4-Dichlorobenzene
 Concen: 29.81 ng
 RT: 7.38 min Scan# 542
 Delta R.T. -0.00 min
 Lab File: BF078942.D
 Acq: 5 May 2015 16:01

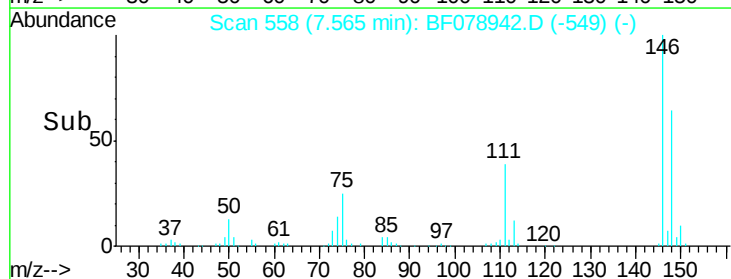
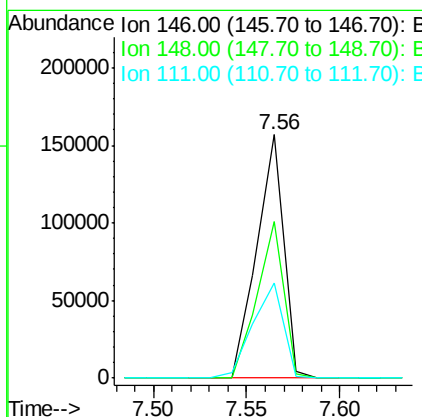
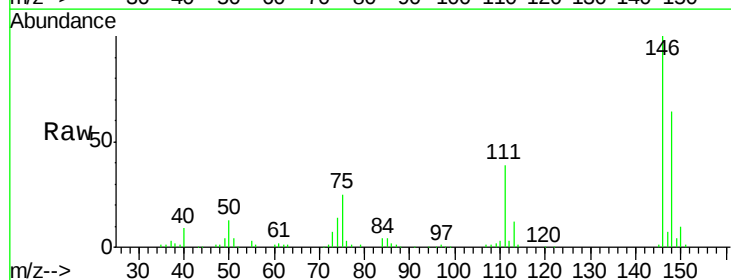
Instrument :
 BNA_F
 ClientSampleId :
 B4(5-7)MS

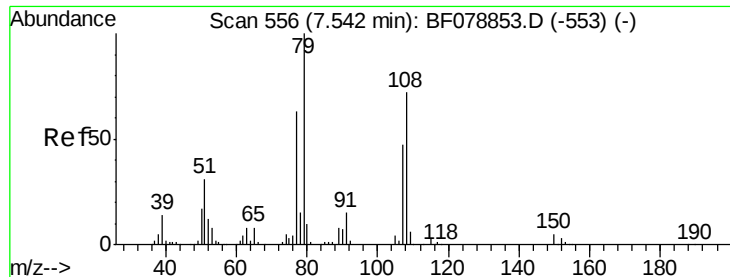
Tgt Ion:146 Resp: 161206
 Ion Ratio Lower Upper
 146 100
 148 65.1 52.8 79.2
 111 36.8 31.7 47.5



#14
 1,2-Dichlorobenzene
 Concen: 31.10 ng
 RT: 7.56 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: BF078942.D
 Acq: 5 May 2015 16:01

Tgt Ion:146 Resp: 156578
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.2 76.8
 111 38.9 33.3 49.9





#15

Benzyl Alcohol

Concen: 30.40 ng

RT: 7.53 min Scan# 555

Delta R.T. -0.00 min

Lab File: BF078942.D

Acq: 5 May 2015 16:01

Instrument :

BNA_F

ClientSampleId :

B4(5-7)MS

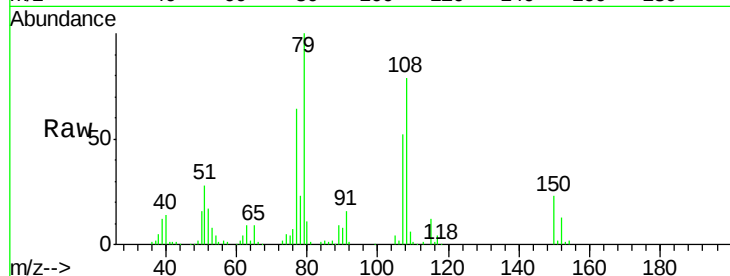
Tgt Ion: 79 Resp: 122943

Ion Ratio Lower Upper

79 100

108 79.3 62.5 93.7

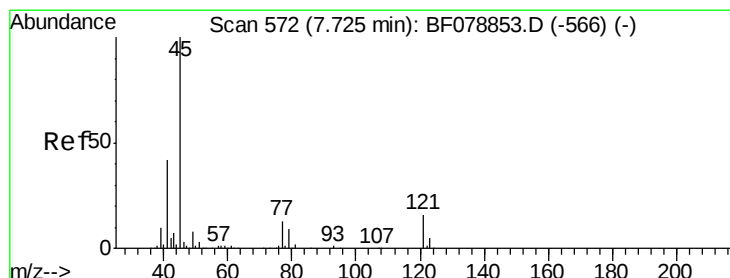
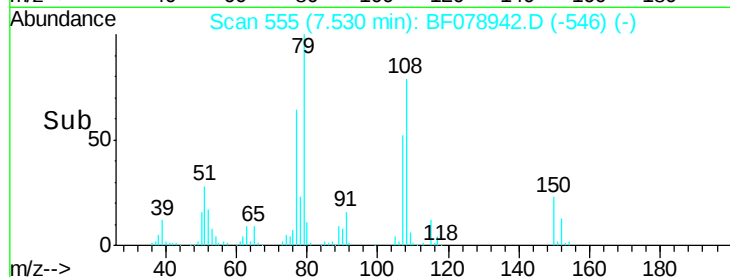
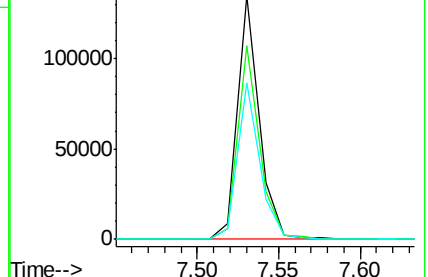
77 64.3 52.2 78.4



Abundance Ion 79.00 (78.70 to 79.70): BF078853.D (-553) (-)

Ion 108.00 (107.70 to 108.70): BF078853.D (-553) (-)

Ion 77.00 (76.70 to 77.70): BF078853.D (-553) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 31.98 ng

RT: 7.71 min Scan# 571

Delta R.T. -0.00 min

Lab File: BF078942.D

Acq: 5 May 2015 16:01

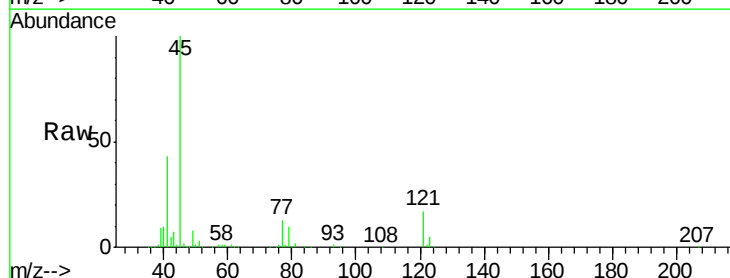
Tgt Ion: 45 Resp: 226662

Ion Ratio Lower Upper

45 100

77 12.8 0.0 32.3

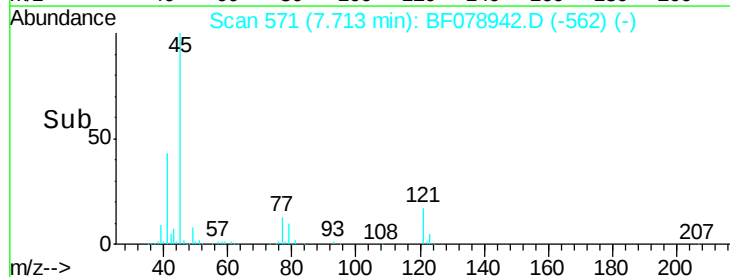
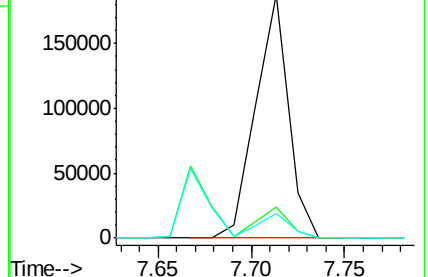
79 9.9 0.0 30.1

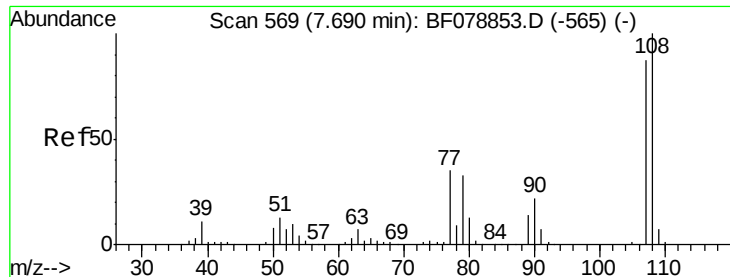


Abundance Ion 45.00 (44.70 to 45.70): BF078853.D (-566) (-)

Ion 77.00 (76.70 to 77.70): BF078853.D (-566) (-)

Ion 79.00 (78.70 to 79.70): BF078853.D (-566) (-)

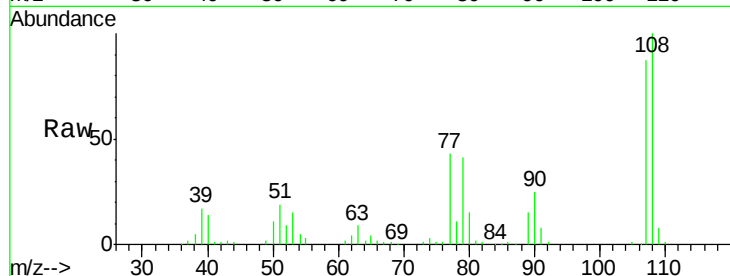




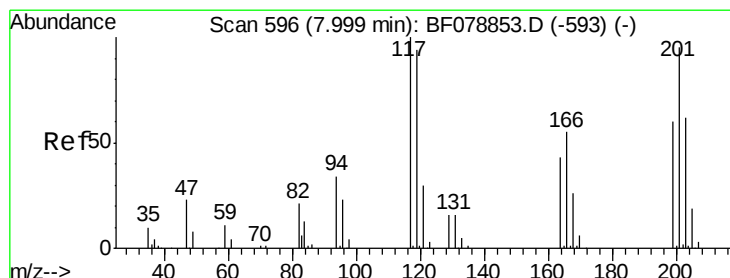
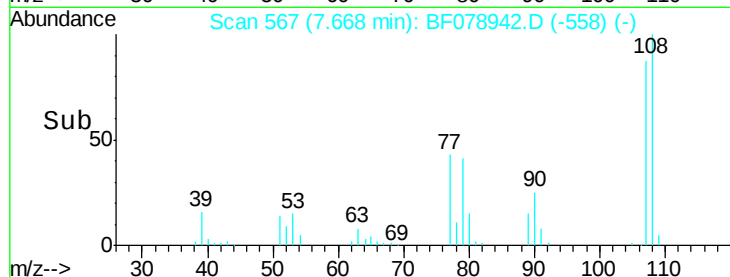
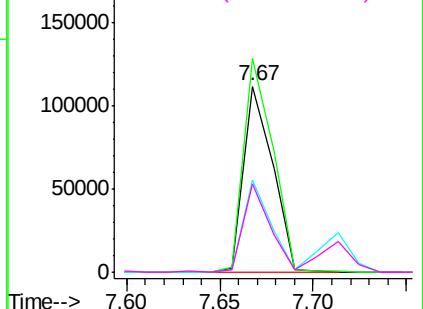
#17
2-Methylphenol
Concen: 32.61 ng
RT: 7.67 min Scan# 567
Delta R.T. -0.00 min
Lab File: BF078942.D
Acq: 5 May 2015 16:01

Instrument :
BNA_F
ClientSampleId :
B4(5-7)MS

Tgt Ion:	107	Resp:	122677
Ion	Ratio	Lower	Upper
107	100		
108	115.1	94.9	142.3
77	50.0	36.2	54.4
79	47.7	35.2	52.8

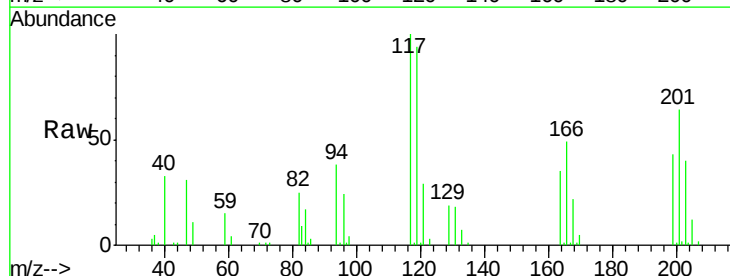


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

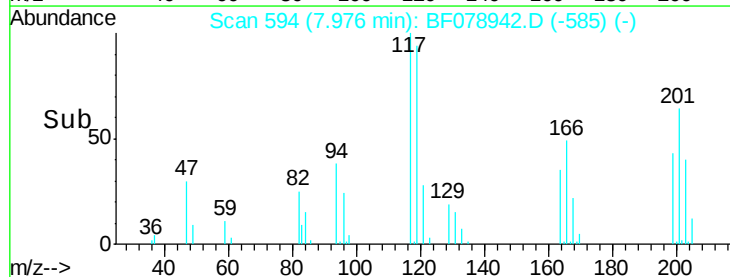
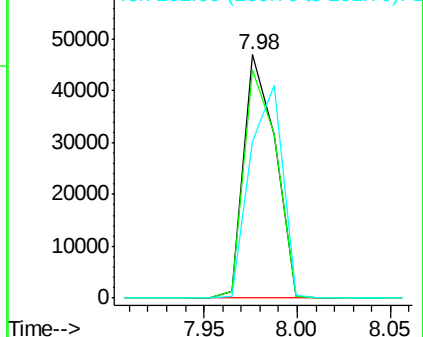


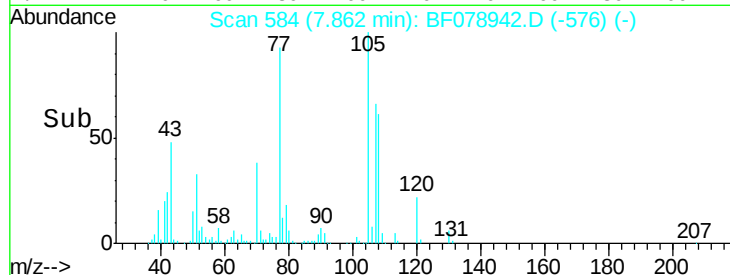
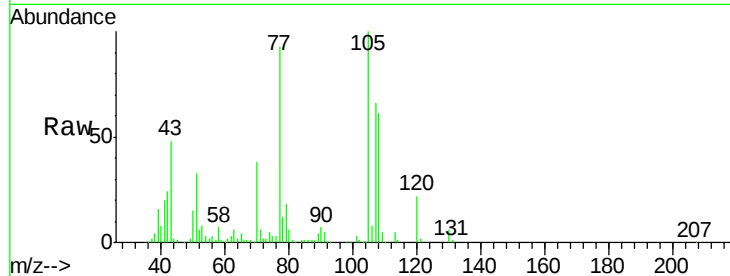
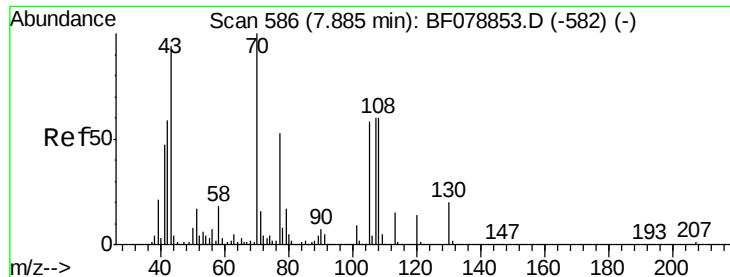
#18
Hexachloroethane
Concen: 29.47 ng
RT: 7.98 min Scan# 594
Delta R.T. -0.00 min
Lab File: BF078942.D
Acq: 5 May 2015 16:01

Tgt Ion:	117	Resp:	54885
Ion	Ratio	Lower	Upper
117	100		
119	93.7	75.4	113.0
201	64.2	83.2	124.8#



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

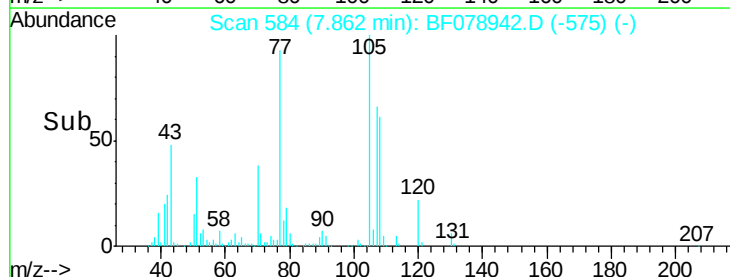
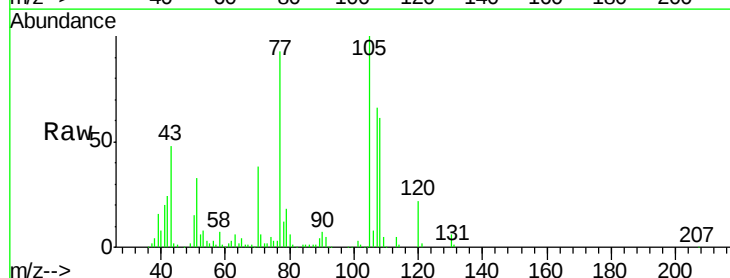
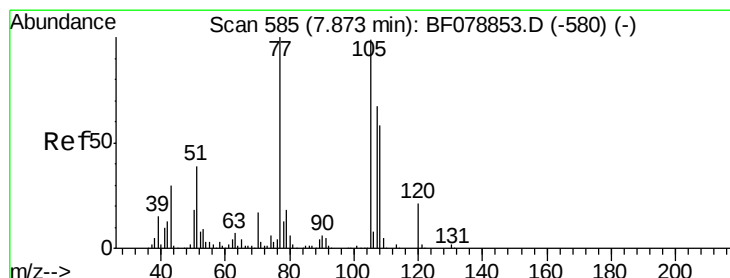
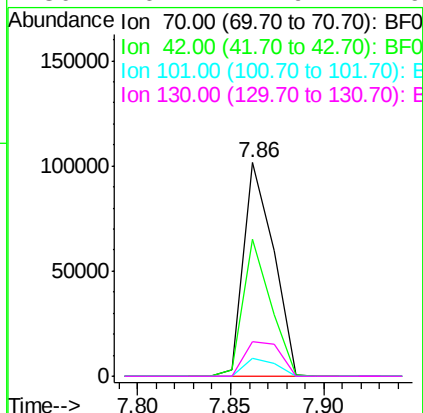




#19
n-Nitroso-di-n-propylamine
Concen: 30.78 ng
RT: 7.86 min Scan# 584
Delta R.T. -0.01 min
Lab File: BF078942.D
Acq: 5 May 2015 16:01

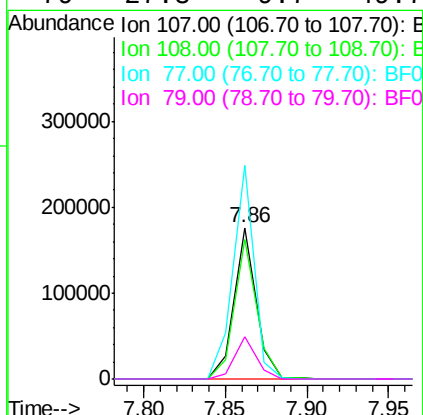
Instrument :
BNA_F
ClientSampleId :
B4(5-7)MS

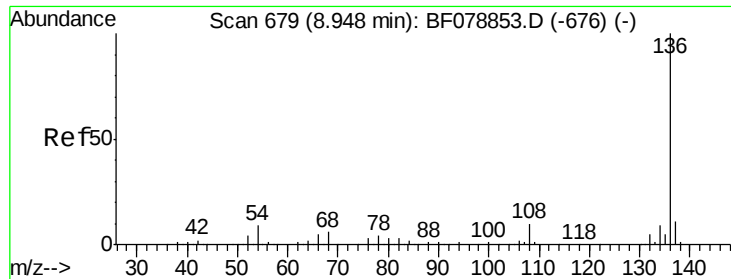
Tgt Ion: 70 Resp: 113249
Ion Ratio Lower Upper
70 100
42 63.9 55.4 83.0
101 8.3 6.6 10.0
130 16.2 11.9 17.9



#20
3+4-Methylphenols
Concen: 32.85 ng
RT: 7.86 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF078942.D
Acq: 5 May 2015 16:01

Tgt Ion: 107 Resp: 164660
Ion Ratio Lower Upper
107 100
108 92.0 76.9 116.9
77 141.3 136.8 176.8
79 27.8 9.7 49.7

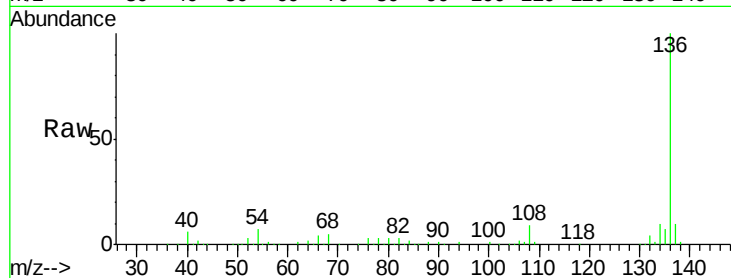




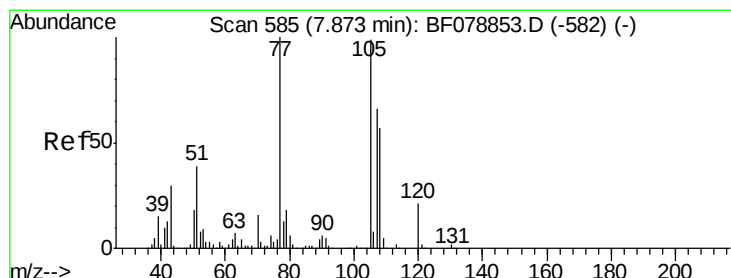
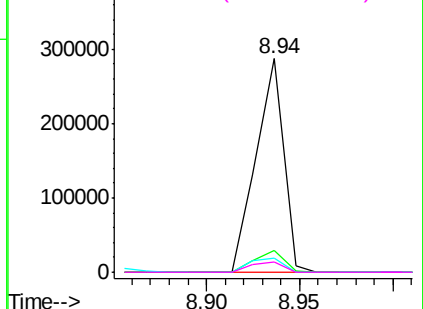
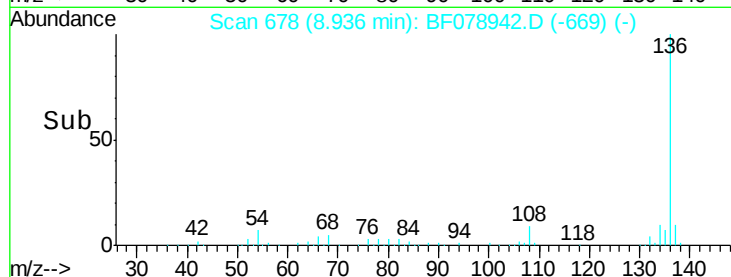
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.94 min Scan# 678
Delta R.T. -0.00 min
Lab File: BF078942.D
Acq: 5 May 2015 16:01

Instrument :
BNA_F
ClientSampleId :
B4(5-7)MS

Tgt Ion:	136	Resp:	294284
Ion Ratio	Lower	Upper	
136	100		
137	10.3	8.7	13.1
54	6.5	5.8	8.8
68	5.1	4.2	6.4

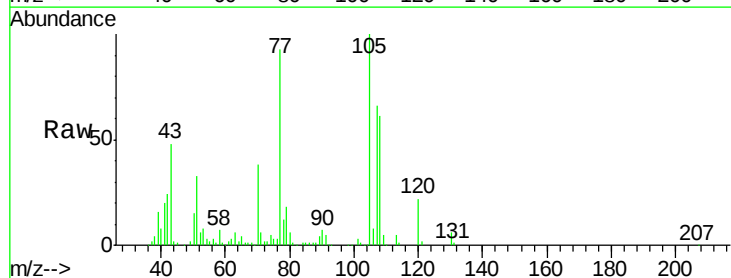


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

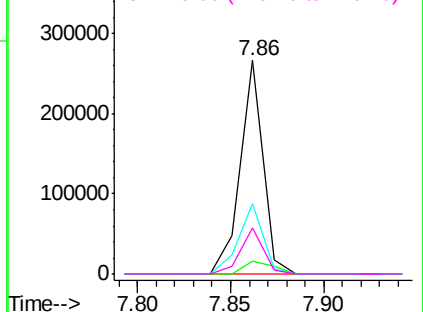
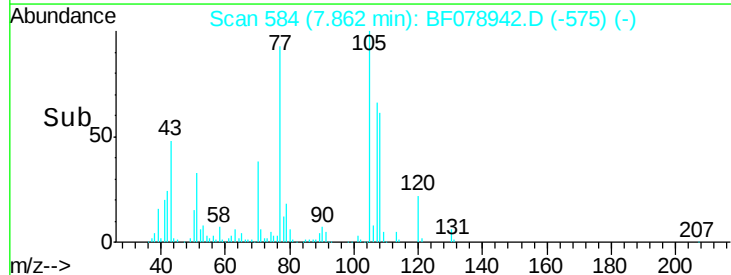


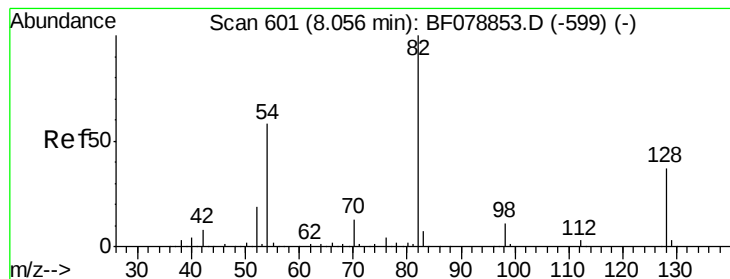
#22
Acetophenone
Concen: 34.30 ng
RT: 7.86 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF078942.D
Acq: 5 May 2015 16:01

Tgt Ion:	105	Resp:	228071
Ion Ratio	Lower	Upper	
105	100		
71	6.2	4.6	6.8
51	32.7	26.7	40.1
120	21.5	17.4	26.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 60.19 ng

RT: 8.04 min Scan# 600

Delta R.T. -0.00 min

Lab File: BF078942.D

Acq: 5 May 2015 16:01

Instrument :

BNA_F

ClientSampleId :

B4(5-7)MS

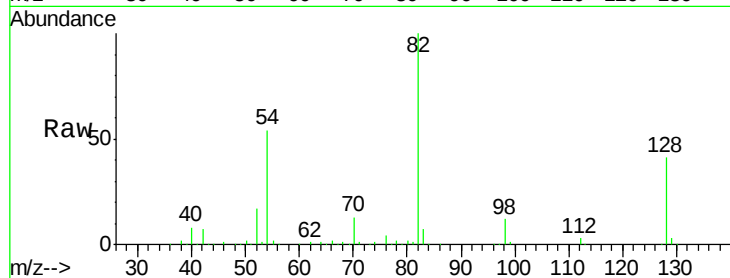
Tgt Ion: 82 Resp: 308225

Ion Ratio Lower Upper

82 100

128 41.1 30.0 45.0

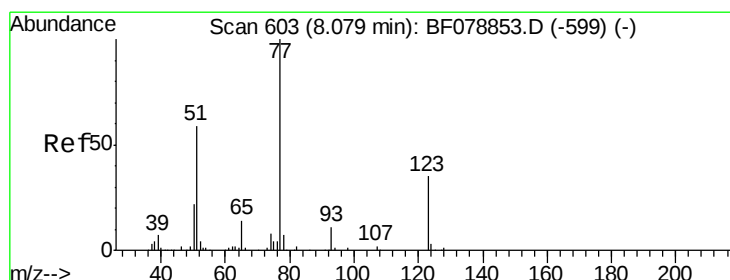
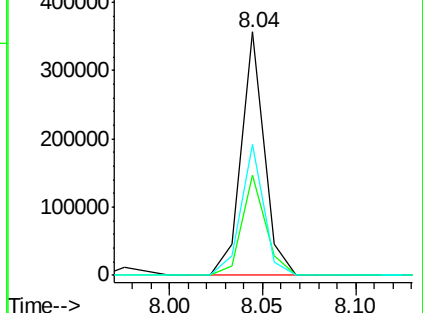
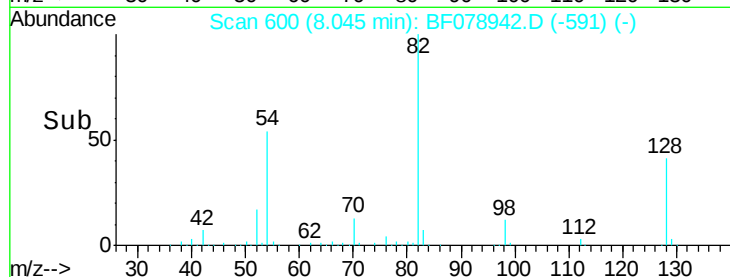
54 53.9 46.4 69.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 32.26 ng

RT: 8.07 min Scan# 602

Delta R.T. -0.00 min

Lab File: BF078942.D

Acq: 5 May 2015 16:01

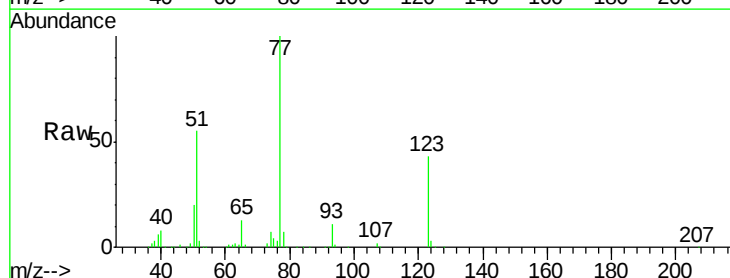
Tgt Ion: 77 Resp: 163753

Ion Ratio Lower Upper

77 100

123 43.1 31.8 47.8

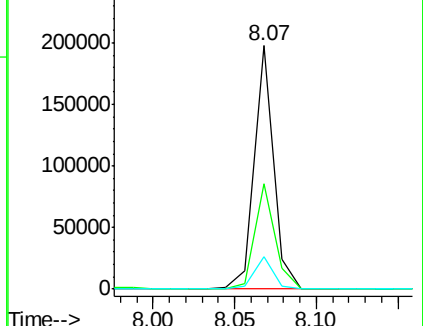
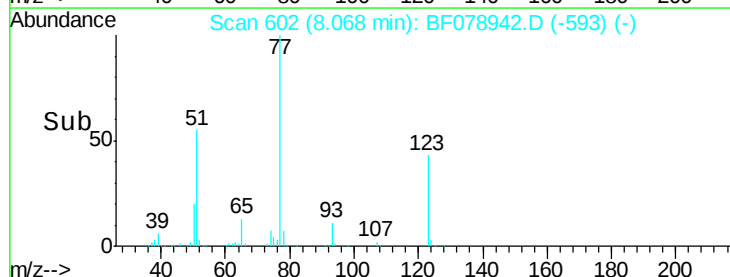
65 13.3 10.6 15.8

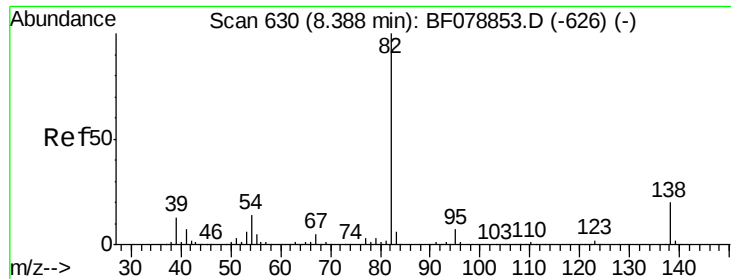


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 31.13 ng

RT: 8.36 min Scan# 628

Delta R.T. -0.00 min

Lab File: BF078942.D

Acq: 5 May 2015 16:01

Instrument :

BNA_F

ClientSampleId :

B4(5-7)MS

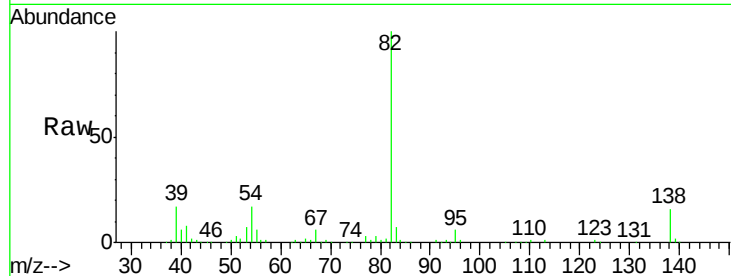
Tgt Ion: 82 Resp: 295523

Ion Ratio Lower Upper

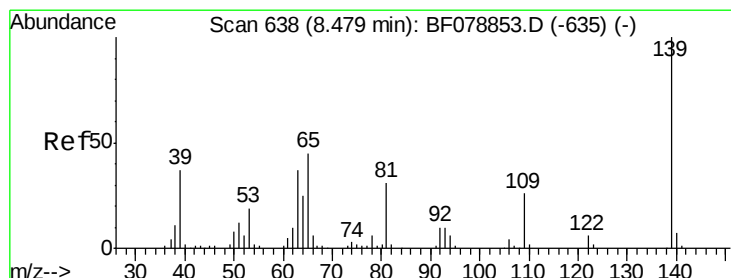
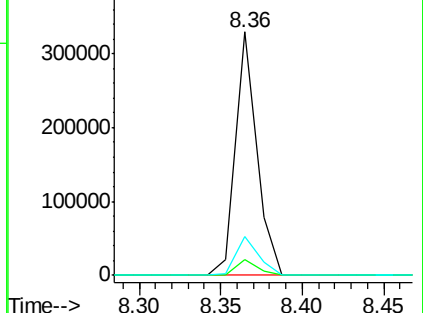
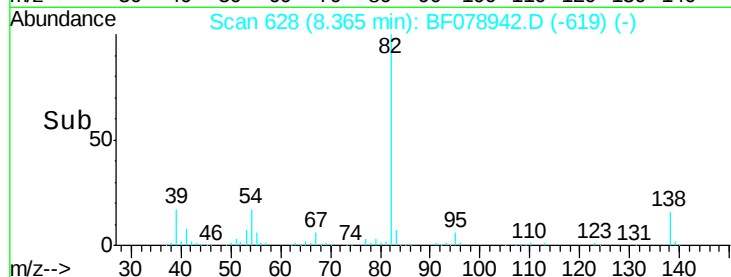
82 100

95 6.4 5.3 7.9

138 15.9 12.0 18.0



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: 30.85 ng

RT: 8.47 min Scan# 637

Delta R.T. -0.00 min

Lab File: BF078942.D

Acq: 5 May 2015 16:01

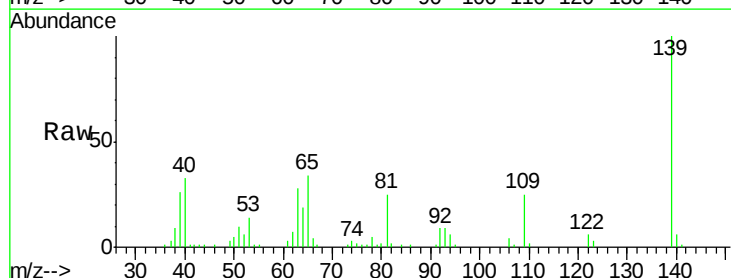
Tgt Ion: 139 Resp: 64802

Ion Ratio Lower Upper

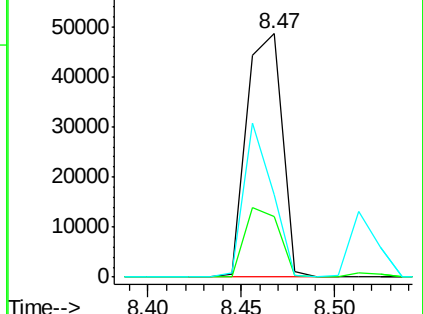
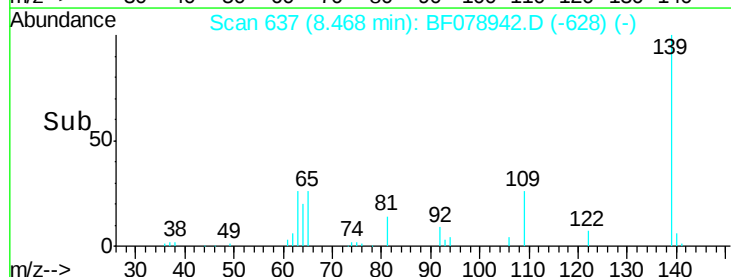
139 100

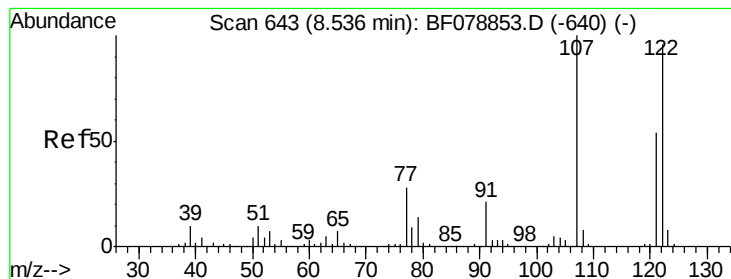
109 24.7 21.0 31.4

65 33.7 30.5 45.7



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: 32.22 ng

RT: 8.51 min Scan# 641

Delta R.T. -0.01 min

Lab File: BF078942.D

Acq: 5 May 2015 16:01

Instrument :

BNA_F

ClientSampleId :

B4(5-7)MS

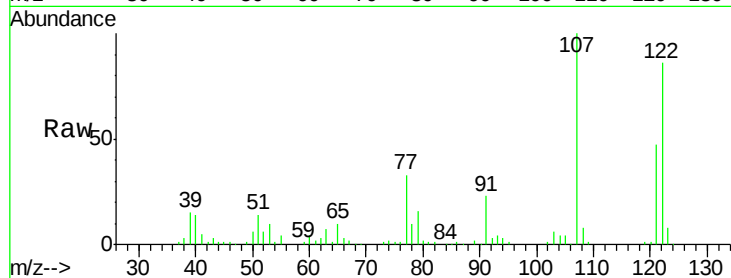
Tgt Ion:122 Resp: 135455

Ion Ratio Lower Upper

122 100

107 116.5 90.6 135.8

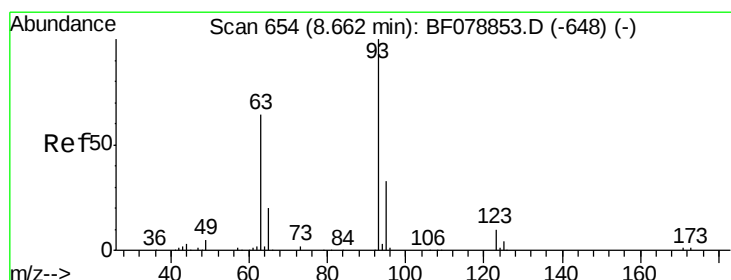
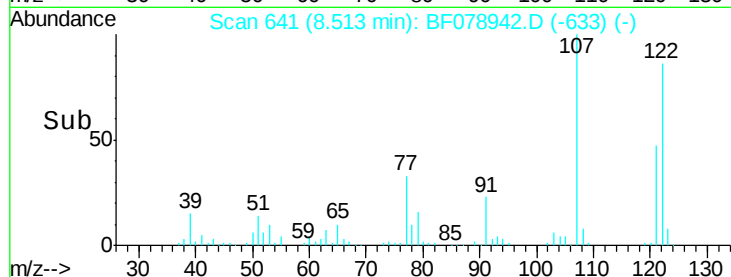
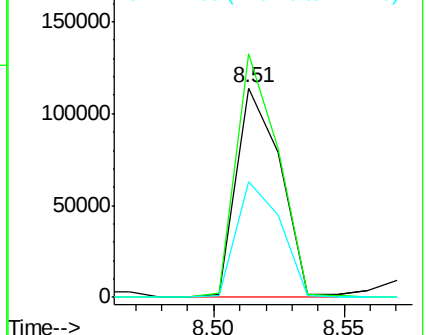
121 55.3 45.4 68.2



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: 31.29 ng

RT: 8.64 min Scan# 652

Delta R.T. -0.01 min

Lab File: BF078942.D

Acq: 5 May 2015 16:01

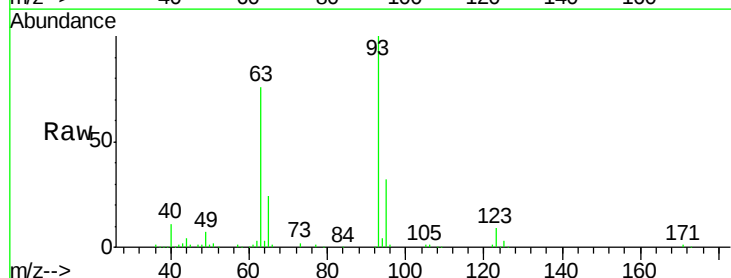
Tgt Ion: 93 Resp: 183088

Ion Ratio Lower Upper

93 100

95 31.5 26.7 40.1

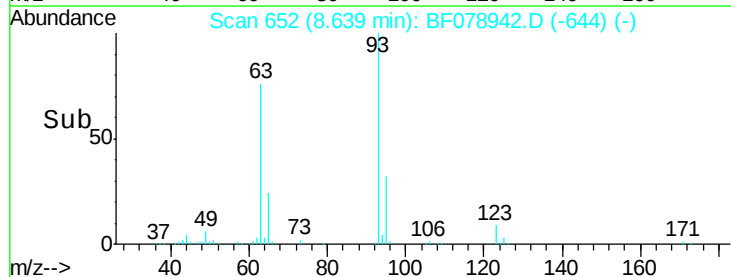
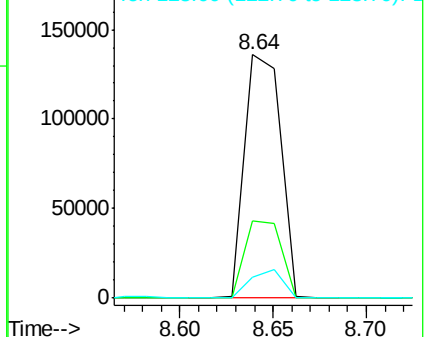
123 8.7 9.1 13.7#

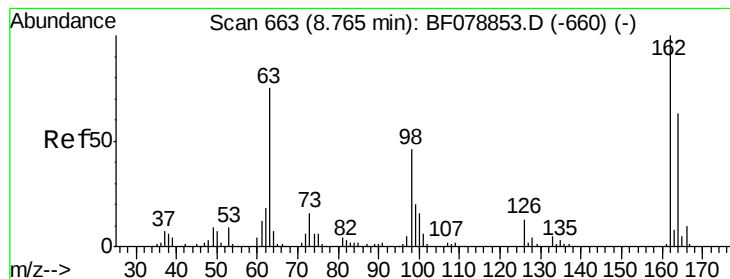


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 34.83 ng

RT: 8.75 min Scan# 662

Delta R.T. -0.00 min

Lab File: BF078942.D

Acq: 5 May 2015 16:01

Instrument :

BNA_F

ClientSampleId :

B4(5-7)MS

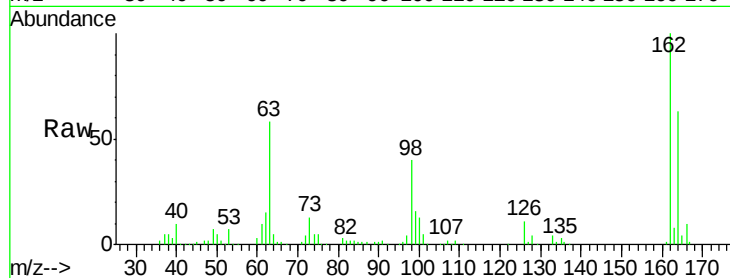
Tgt Ion:162 Resp: 130194

Ion Ratio Lower Upper

162 100

164 63.4 43.6 83.6

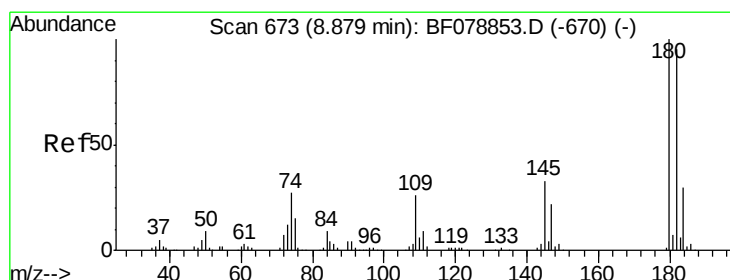
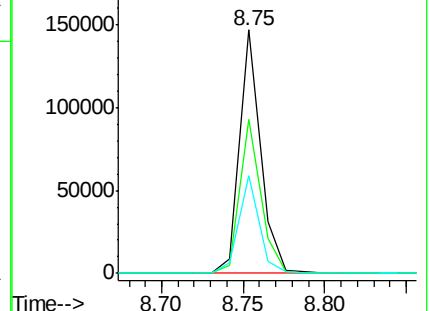
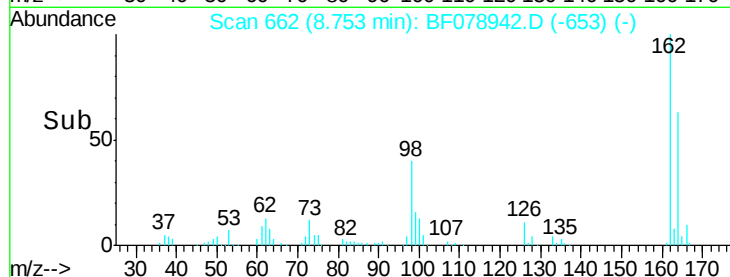
98 40.3 16.5 56.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 31.42 ng

RT: 8.87 min Scan# 672

Delta R.T. -0.00 min

Lab File: BF078942.D

Acq: 5 May 2015 16:01

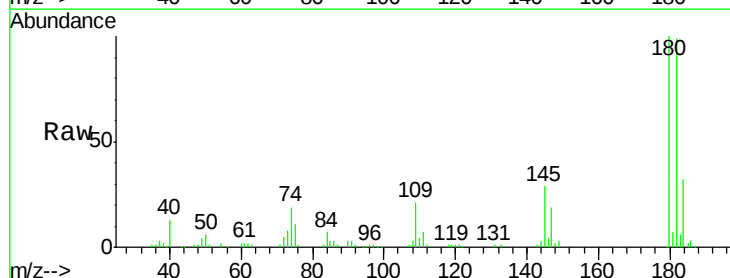
Tgt Ion:180 Resp: 129017

Ion Ratio Lower Upper

180 100

182 99.1 78.9 118.3

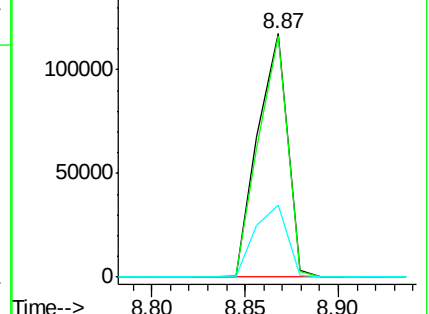
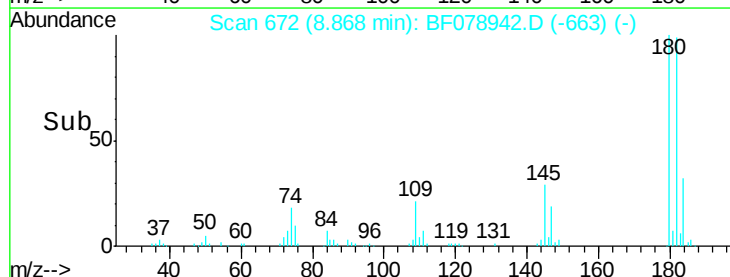
145 29.5 24.2 36.4

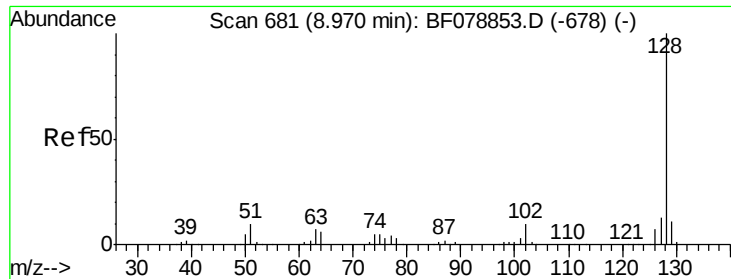


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

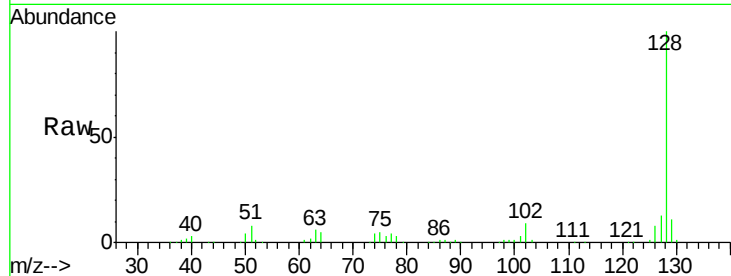




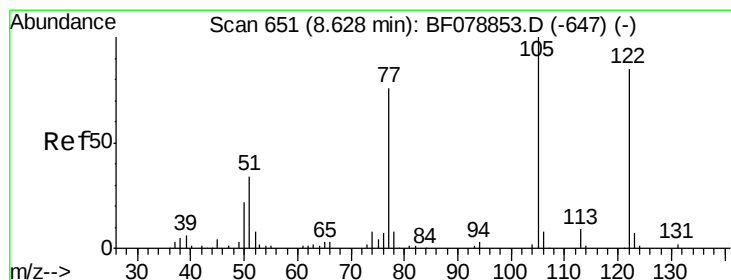
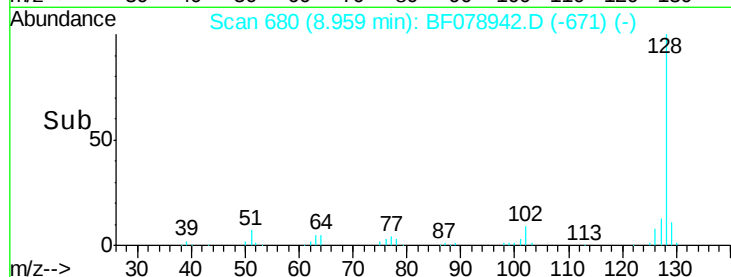
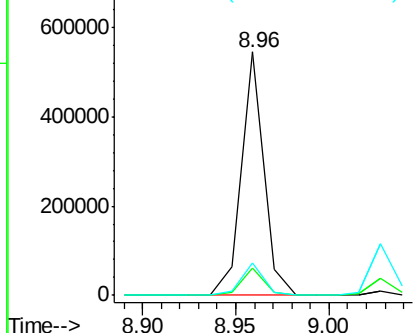
#31
Naphthalene
Concen: 32.75 ng
RT: 8.96 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF078942.D
Acq: 5 May 2015 16:01

Instrument :
BNA_F
ClientSampleId :
B4(5-7)MS

Tgt Ion:128 Resp: 459236
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 13.3 10.7 16.1

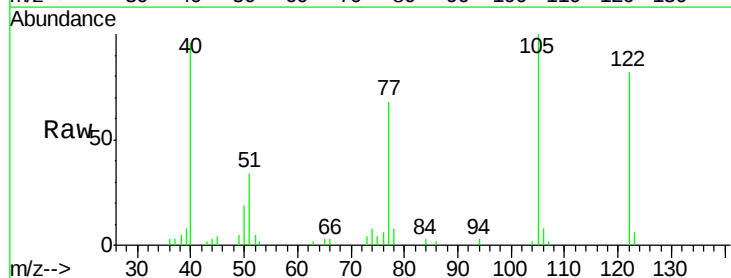


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

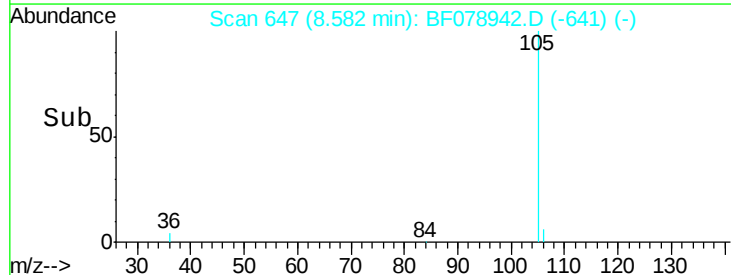
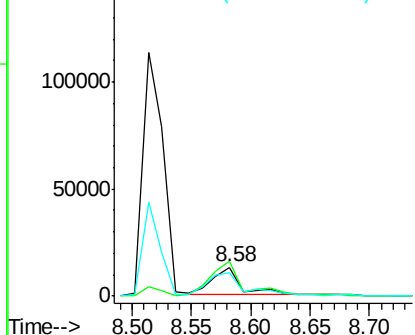


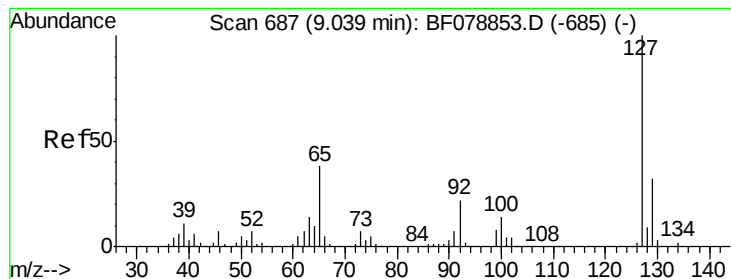
#32
Benzoic acid
Concen: 13.76 ng
RT: 8.58 min Scan# 647
Delta R.T. -0.03 min
Lab File: BF078942.D
Acq: 5 May 2015 16:01

Tgt Ion:122 Resp: 22579
Ion Ratio Lower Upper
122 100
105 122.0 107.1 147.1
77 82.6 73.9 113.9



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: 17.50 ng

RT: 9.03 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF078942.D

Acq: 5 May 2015 16:01

Instrument :

BNA_F

ClientSampleId :

B4(5-7)MS

Tgt Ion:127 Resp: 103811

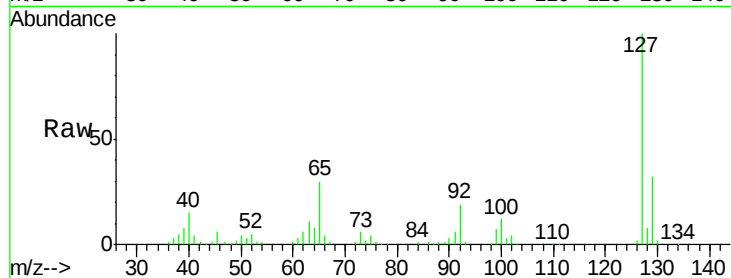
Ion Ratio Lower Upper

127 100

129 32.1 25.8 38.8

65 30.5 25.8 38.6

92 18.8 15.5 23.3

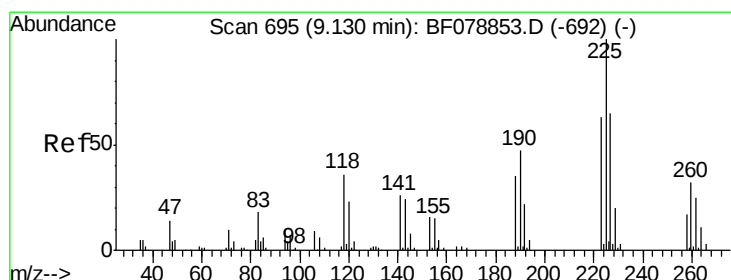
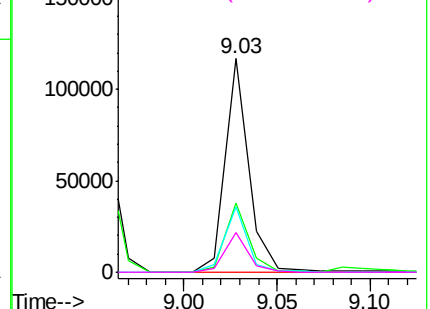
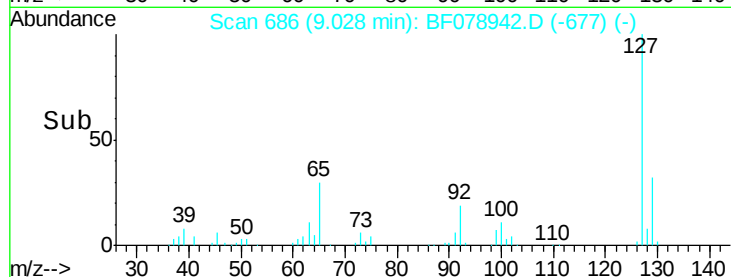


Abundance Ion 127.00 (126.70 to 127.70): E

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: 29.73 ng

RT: 9.12 min Scan# 694

Delta R.T. -0.00 min

Lab File: BF078942.D

Acq: 5 May 2015 16:01

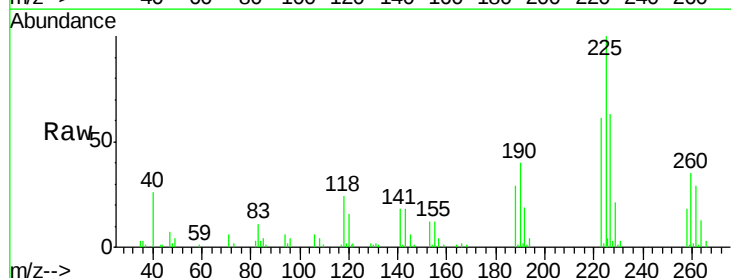
Tgt Ion:225 Resp: 70306

Ion Ratio Lower Upper

225 100

223 61.0 48.2 72.4

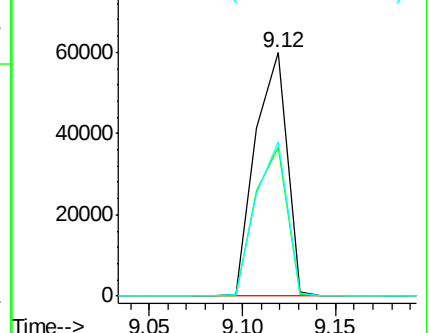
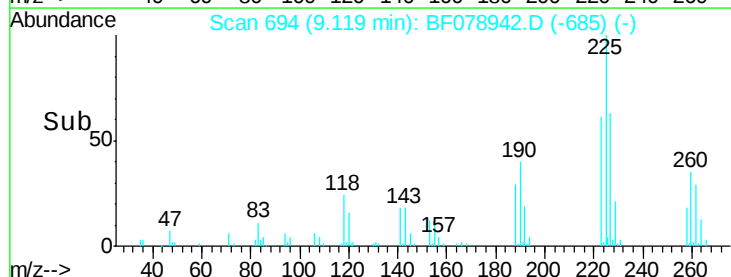
227 63.2 51.4 77.0

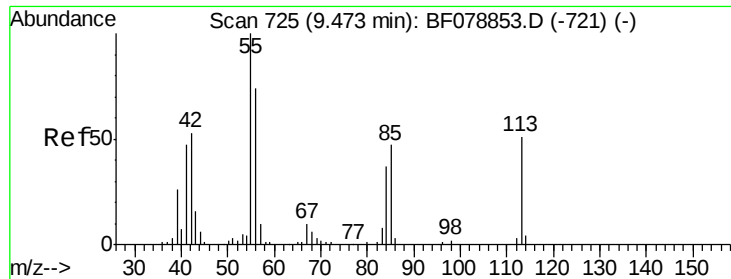


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

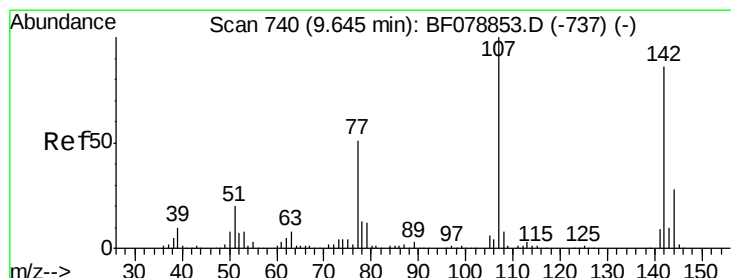
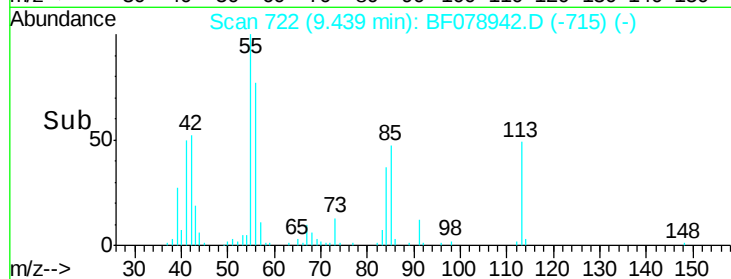
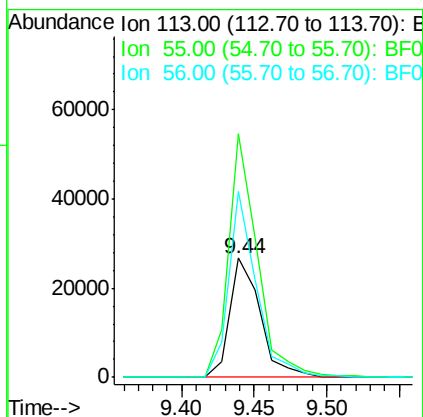
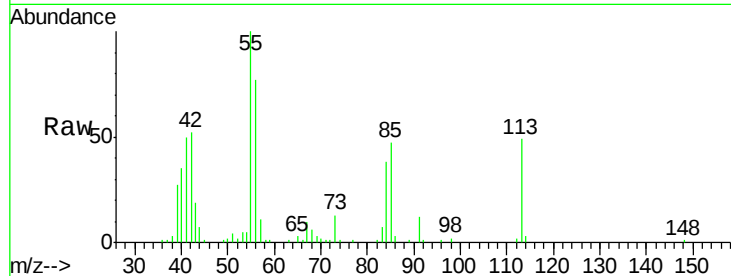




#35
 Caprolactam
 Concen: 32.11 ng
 RT: 9.44 min Scan# 722
 Delta R.T. -0.02 min
 Lab File: BF078942.D
 Acq: 5 May 2015 16:01

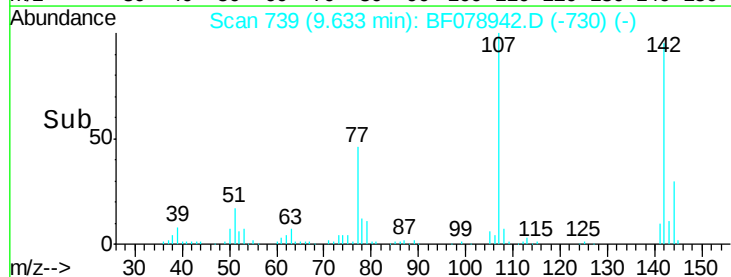
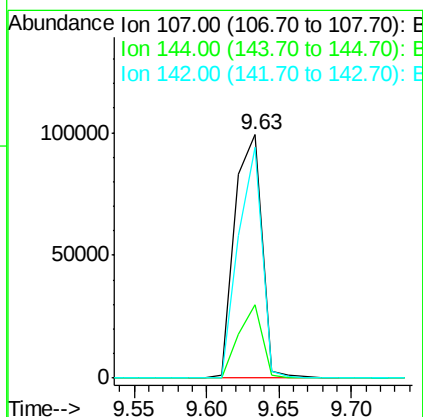
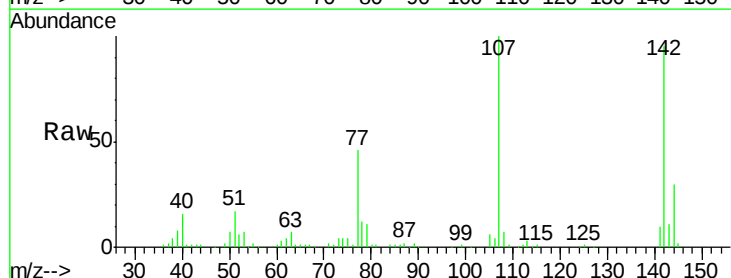
Instrument :
 BNA_F
 ClientSampleId :
 B4(5-7)MS

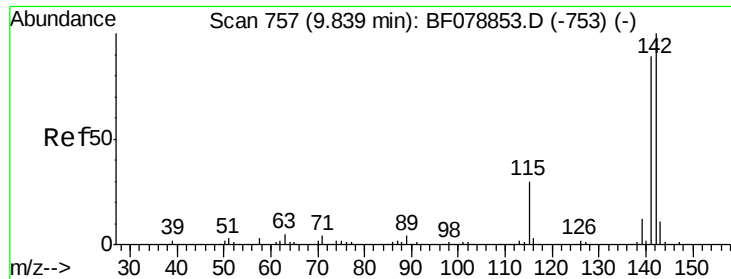
Tgt Ion:113 Resp: 38810
 Ion Ratio Lower Upper
 113 100
 55 203.9 169.7 209.7
 56 156.1 122.5 162.5



#36
 4-Chloro-3-methylphenol
 Concen: 32.86 ng
 RT: 9.63 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF078942.D
 Acq: 5 May 2015 16:01

Tgt Ion:107 Resp: 129030
 Ion Ratio Lower Upper
 107 100
 144 29.9 19.8 29.6#
 142 94.8 60.6 91.0#

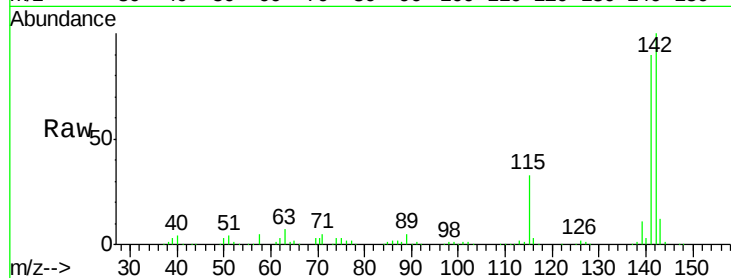




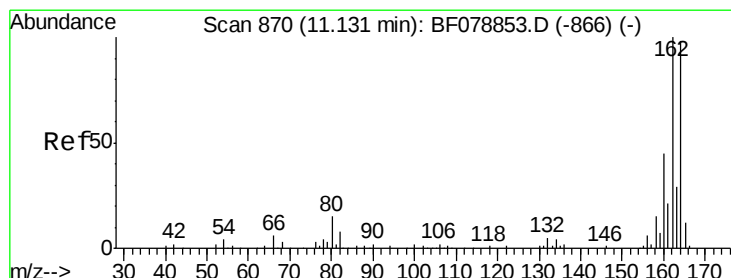
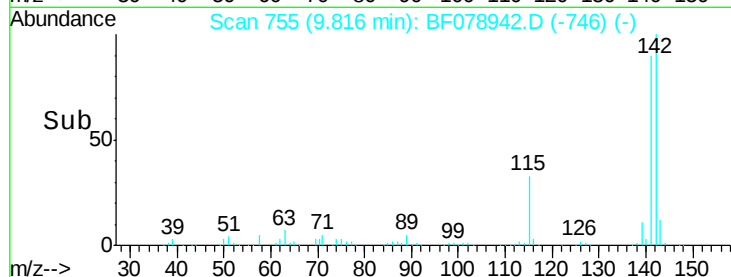
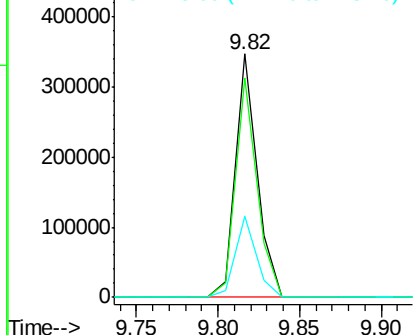
#37
 2-Methylnaphthalene
 Concen: 32.49 ng
 RT: 9.82 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: BF078942.D
 Acq: 5 May 2015 16:01

Instrument :
 BNA_F
 ClientSampleId :
 B4(5-7)MS

Tgt Ion:142 Resp: 315734
 Ion Ratio Lower Upper
 142 100
 141 89.8 70.9 106.3
 115 33.0 28.5 42.7

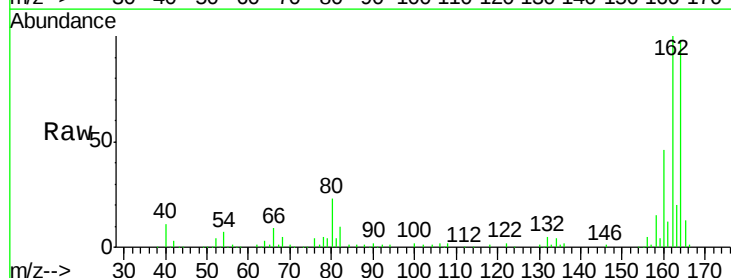


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

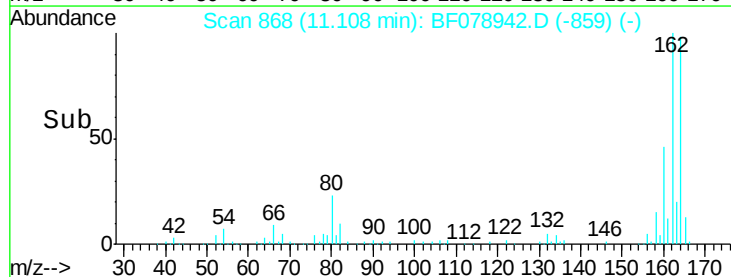
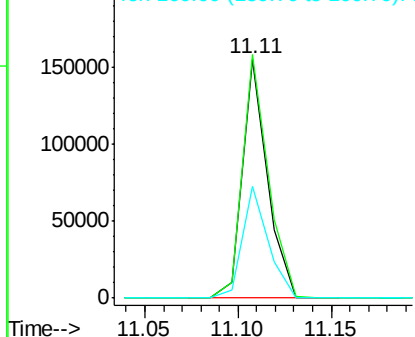


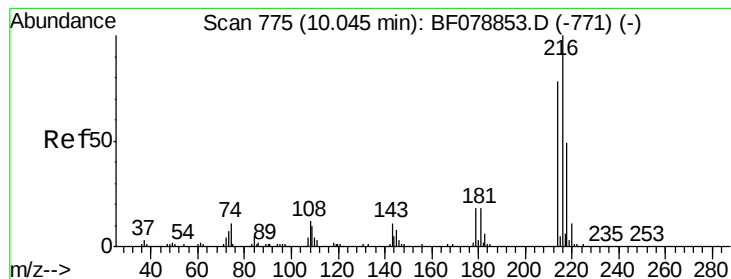
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: BF078942.D
 Acq: 5 May 2015 16:01

Tgt Ion:164 Resp: 144583
 Ion Ratio Lower Upper
 164 100
 162 101.9 82.7 124.1
 160 46.7 35.8 53.8



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.50 ng

RT: 10.02 min Scan# 773

Delta R.T. -0.00 min

Lab File: BF078942.D

Acq: 5 May 2015 16:01

Instrument :

BNA_F

ClientSampleId :

B4(5-7)MS

Tgt Ion:216 Resp: 128283

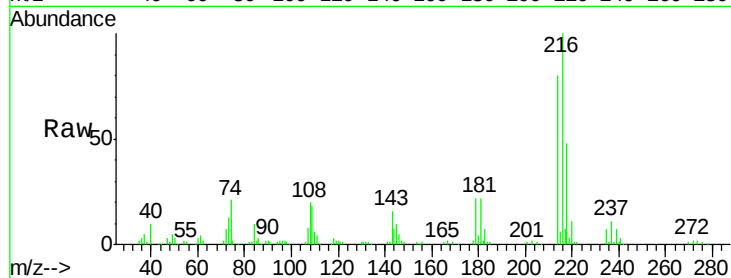
Ion Ratio Lower Upper

216 100

214 79.4 0.0 0.0#

179 21.7 0.0 0.0#

108 23.3 0.0 0.0#

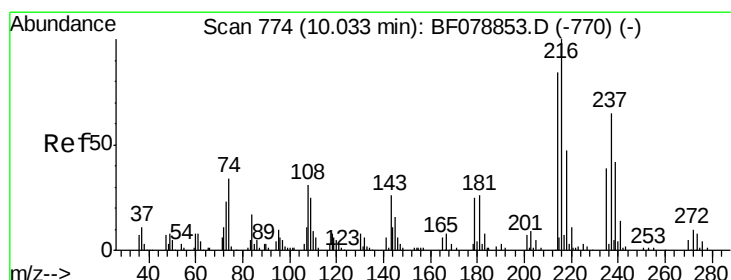
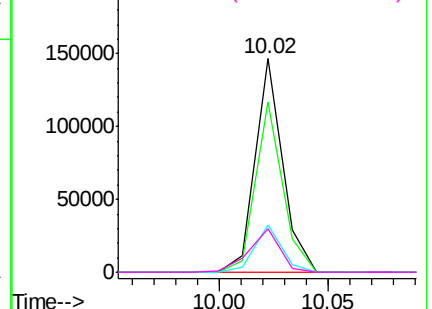
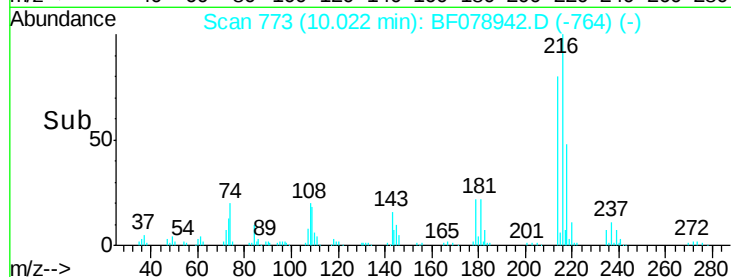


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 53.22 ng

RT: 10.01 min Scan# 772

Delta R.T. -0.00 min

Lab File: BF078942.D

Acq: 5 May 2015 16:01

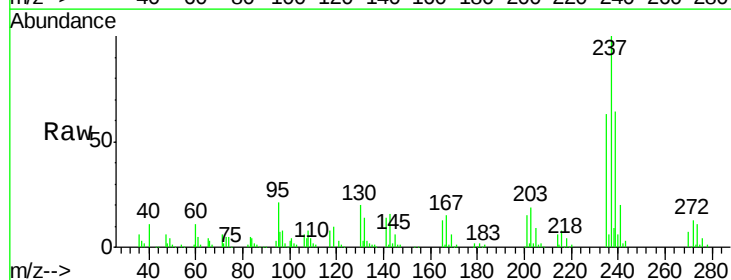
Tgt Ion:237 Resp: 108980

Ion Ratio Lower Upper

237 100

235 62.6 44.7 84.7

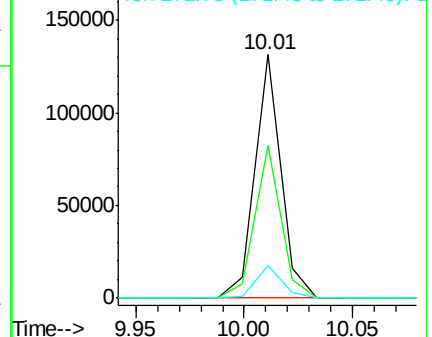
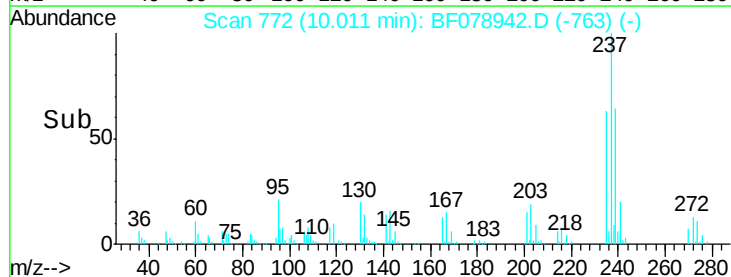
272 13.5 0.0 32.6

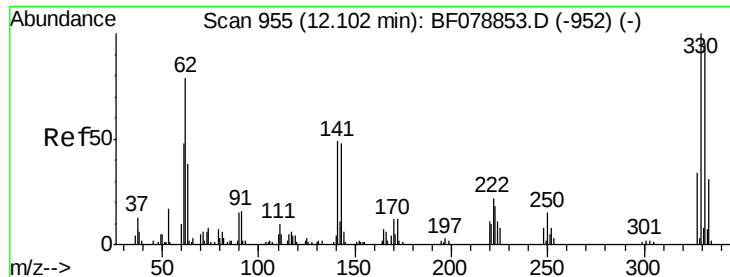


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

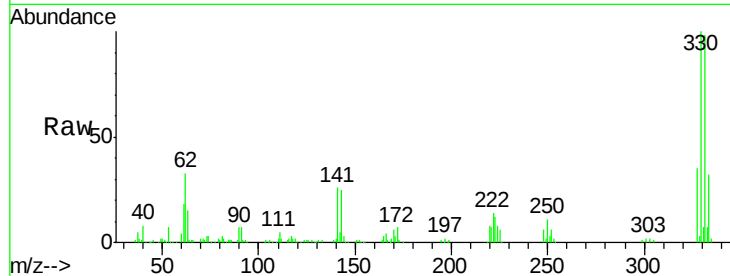




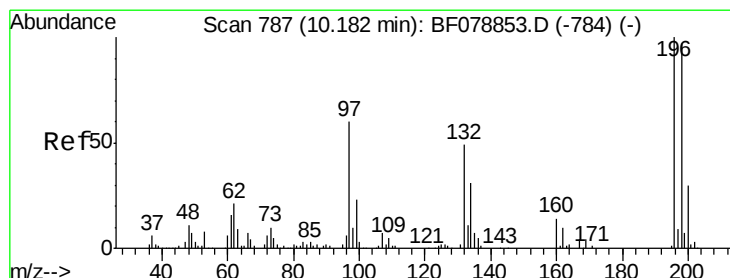
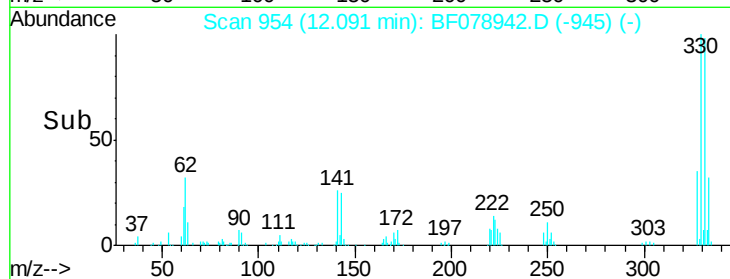
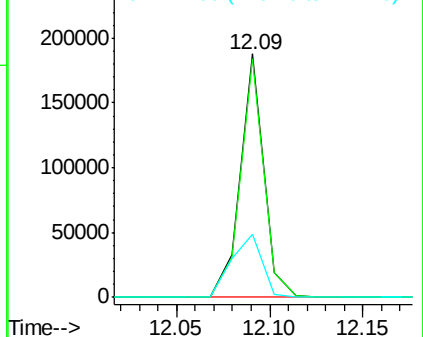
#41
 2,4,6-Tribromophenol
 Concen: 106.02 ng
 RT: 12.09 min Scan# 954
 Delta R.T. -0.00 min
 Lab File: BF078942.D
 Acq: 5 May 2015 16:01

Instrument :
 BNA_F
 ClientSampleId :
 B4(5-7)MS

Tgt Ion:330 Resp: 165835
 Ion Ratio Lower Upper
 330 100
 332 97.4 0.0 0.0#
 141 33.9 0.0 0.0#

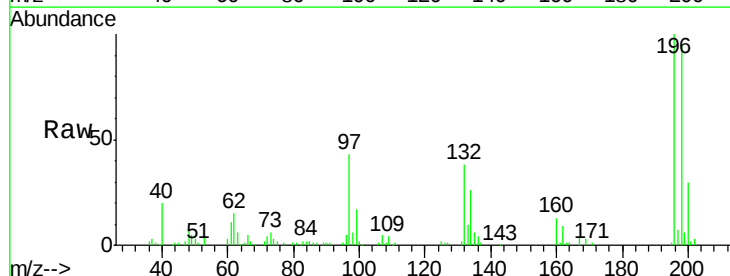


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

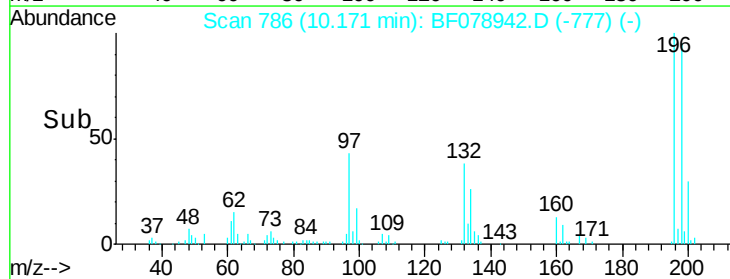
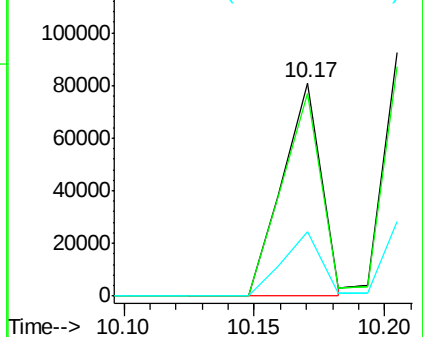


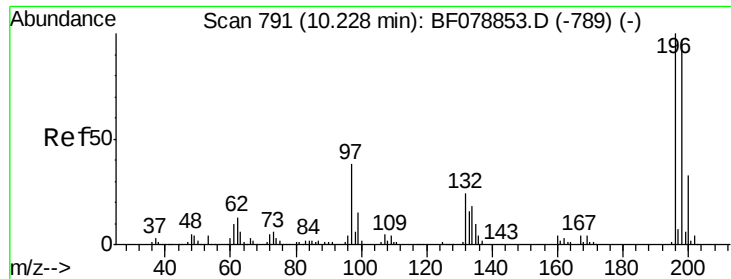
#42
 2,4,6-Trichlorophenol
 Concen: 29.95 ng
 RT: 10.17 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF078942.D
 Acq: 5 May 2015 16:01

Tgt Ion:196 Resp: 83856
 Ion Ratio Lower Upper
 196 100
 198 95.4 80.5 120.7
 200 30.2 24.9 37.3



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

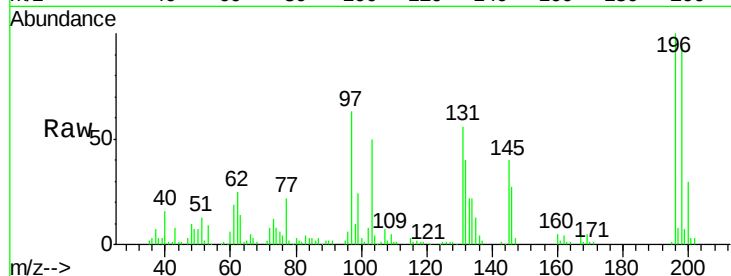




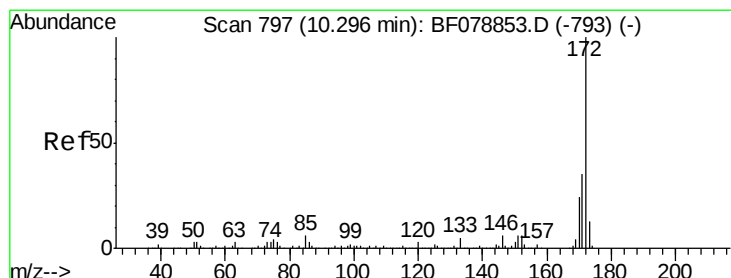
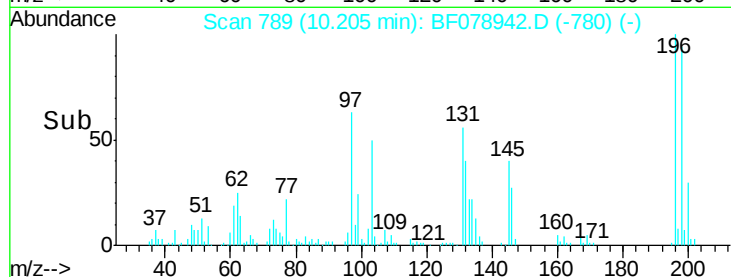
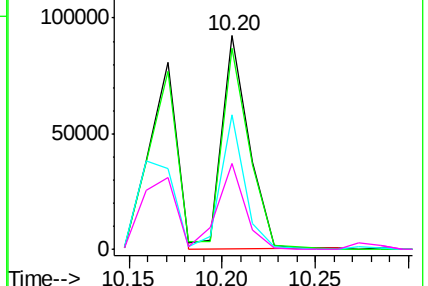
#43
 2,4,5-Trichlorophenol
 Concen: 33.01 ng
 RT: 10.20 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF078942.D
 Acq: 5 May 2015 16:01

Instrument :
 BNA_F
 ClientSampleId :
 B4(5-7)MS

Tgt Ion:196 Resp: 93420
 Ion Ratio Lower Upper
 196 100
 198 94.0 79.8 119.6
 97 62.9 46.0 69.0
 132 40.2 26.6 40.0#

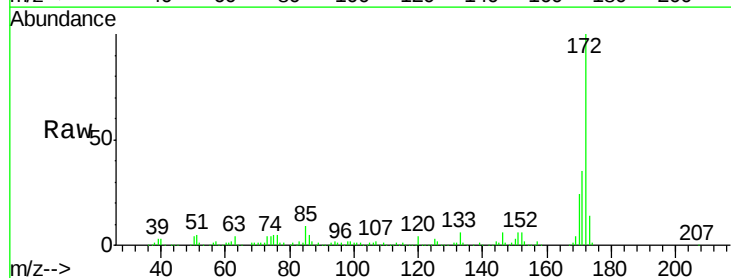


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

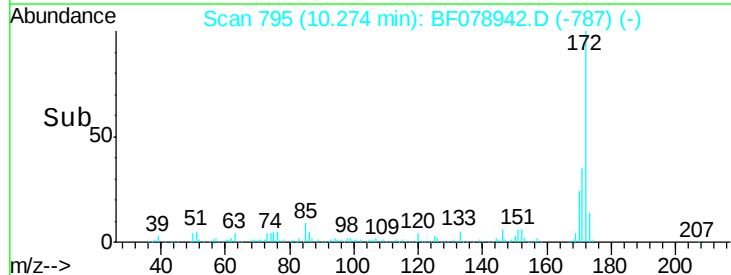
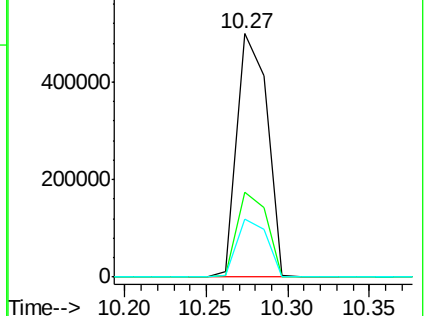


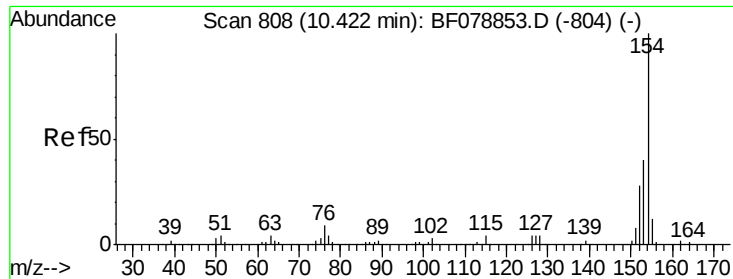
#44
 2-Fluorobiphenyl
 Concen: 61.23 ng
 RT: 10.27 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF078942.D
 Acq: 5 May 2015 16:01

Tgt Ion:172 Resp: 635426
 Ion Ratio Lower Upper
 172 100
 171 35.1 27.9 41.9
 170 23.9 19.4 29.0



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

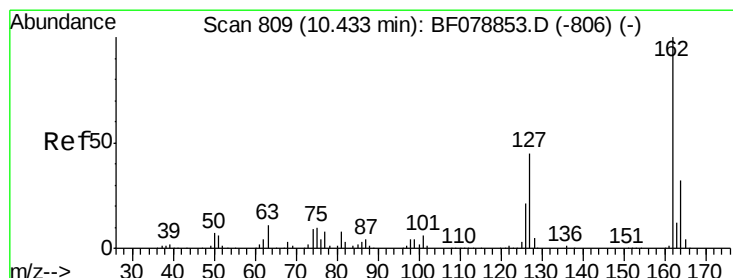
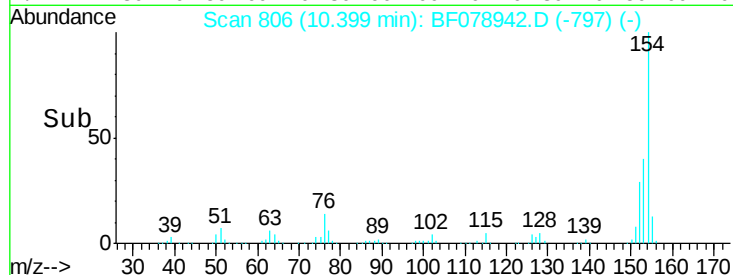
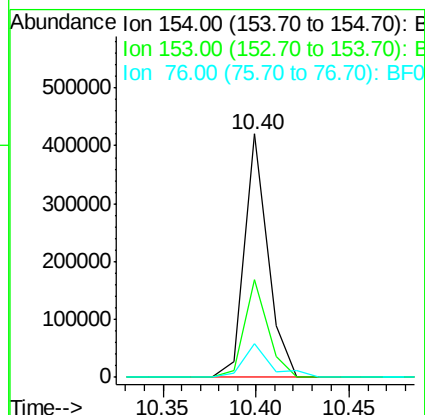
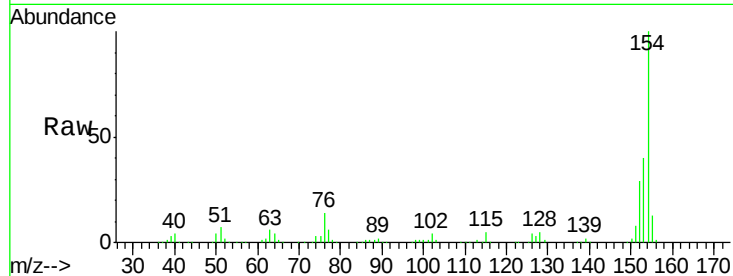




#45
 1,1'-Biphenyl
 Concen: 32.07 ng
 RT: 10.40 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF078942.D
 Acq: 5 May 2015 16:01

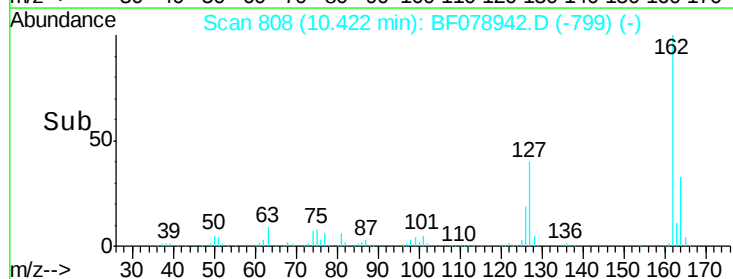
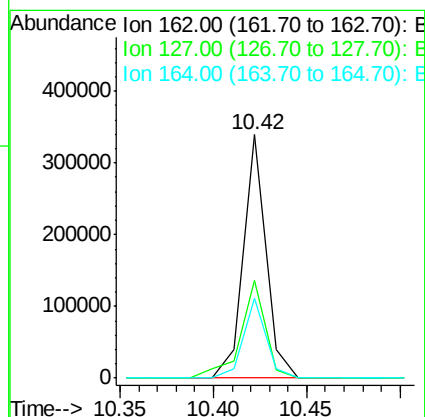
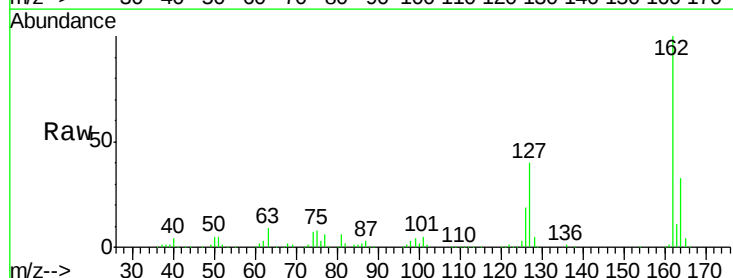
Instrument :
 BNA_F
 ClientSampleId :
 B4(5-7)MS

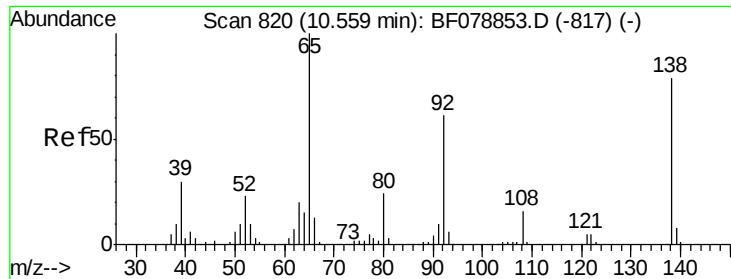
Tgt Ion:154 Resp: 368584
 Ion Ratio Lower Upper
 154 100
 153 39.9 19.9 59.9
 76 14.0 0.0 35.0



#46
 2-Chloronaphthalene
 Concen: 32.17 ng
 RT: 10.42 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF078942.D
 Acq: 5 May 2015 16:01

Tgt Ion:162 Resp: 288433
 Ion Ratio Lower Upper
 162 100
 127 40.2 33.9 50.9
 164 32.9 26.3 39.5

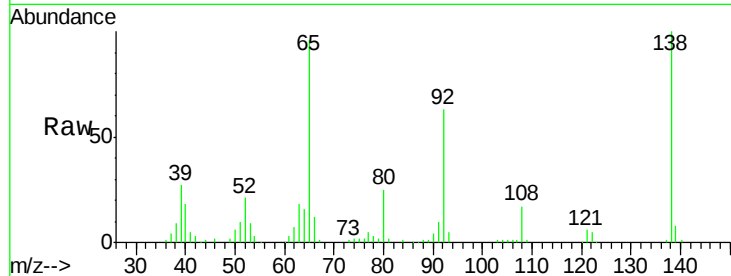




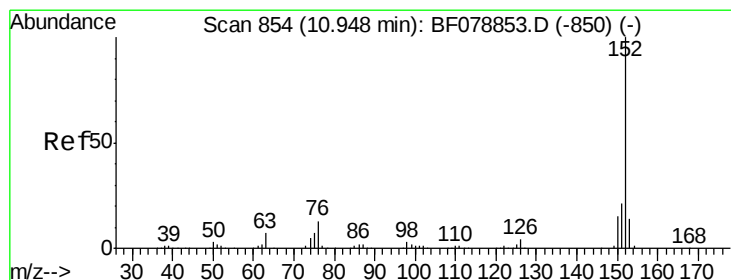
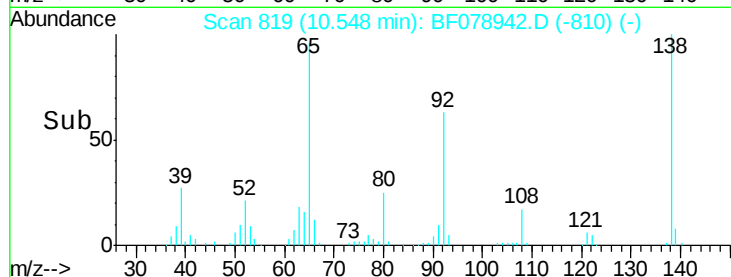
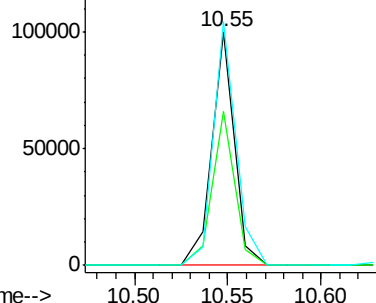
#47
2-Nitroaniline
Concen: 32.54 ng
RT: 10.55 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF078942.D
Acq: 5 May 2015 16:01

Instrument :
BNA_F
ClientSampleId :
B4(5-7)MS

Tgt Ion: 65 Resp: 84542
Ion Ratio Lower Upper
65 100
92 65.8 54.0 81.0
138 104.2 75.0 112.6

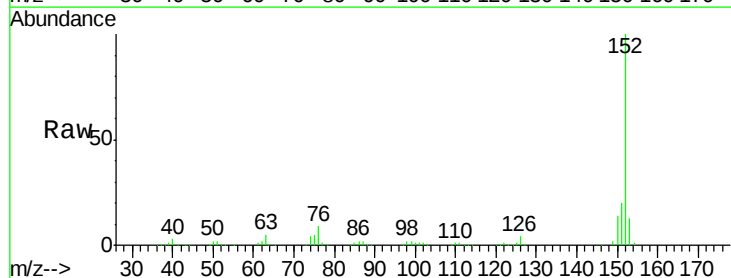


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

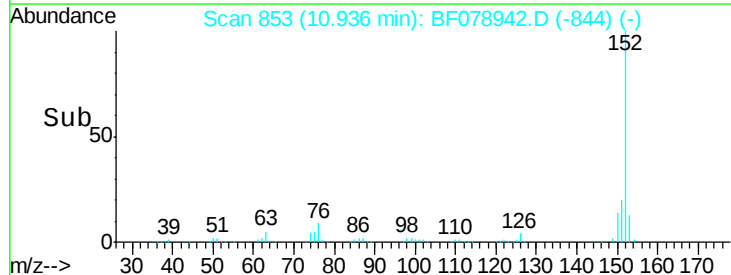
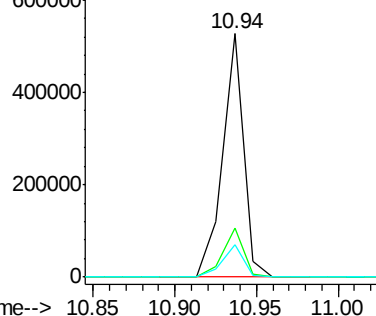


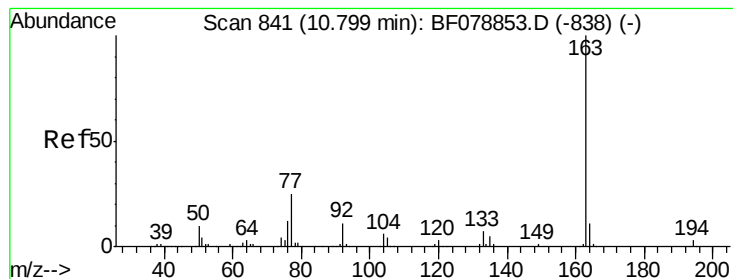
#48
Acenaphthylene
Concen: 31.86 ng
RT: 10.94 min Scan# 853
Delta R.T. -0.00 min
Lab File: BF078942.D
Acq: 5 May 2015 16:01

Tgt Ion: 152 Resp: 469065
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.4
153 13.2 10.9 16.3



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: 36.24 ng

RT: 10.79 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF078942.D

Acq: 5 May 2015 16:01

Instrument :

BNA_F

ClientSampleId :

B4(5-7)MS

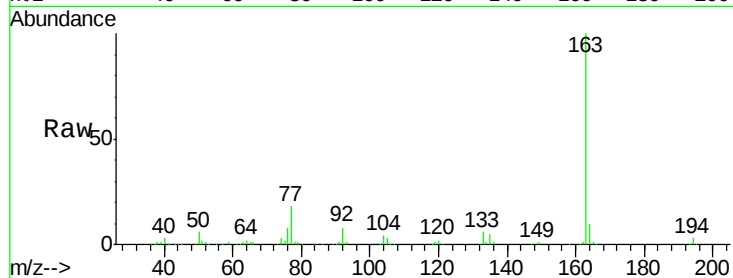
Tgt Ion:163 Resp: 384561

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

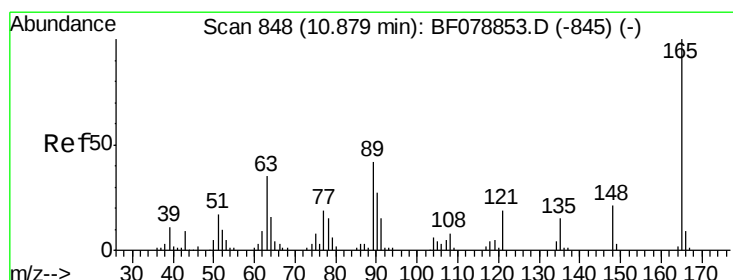
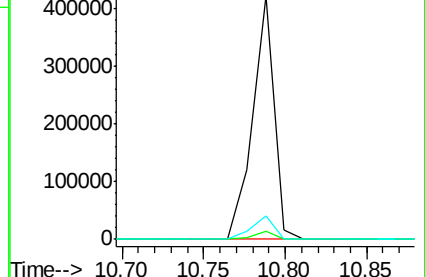
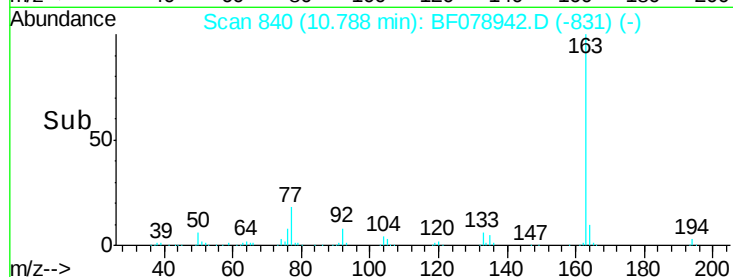
164 9.8 8.1 12.1



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: 32.53 ng

RT: 10.86 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF078942.D

Acq: 5 May 2015 16:01

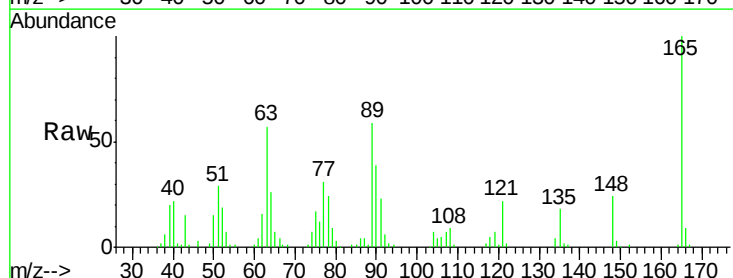
Tgt Ion:165 Resp: 68118

Ion Ratio Lower Upper

165 100

63 57.0 54.4 81.6

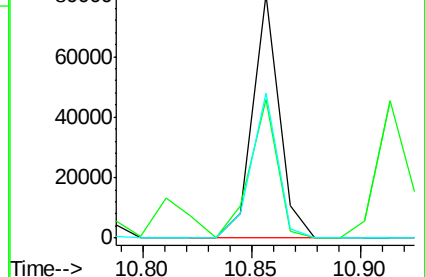
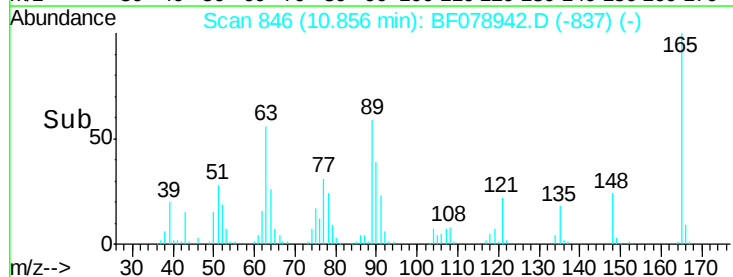
89 59.5 55.7 83.5

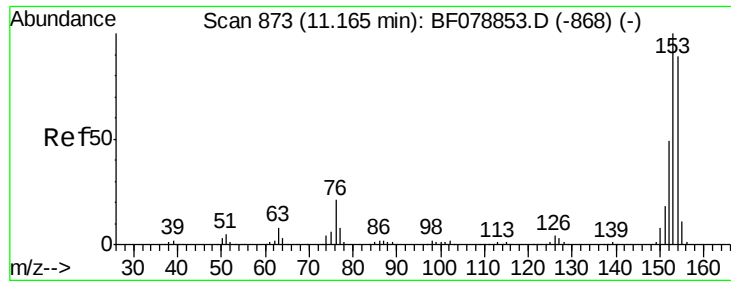


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

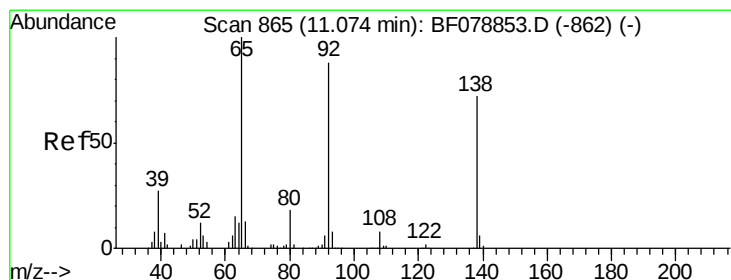
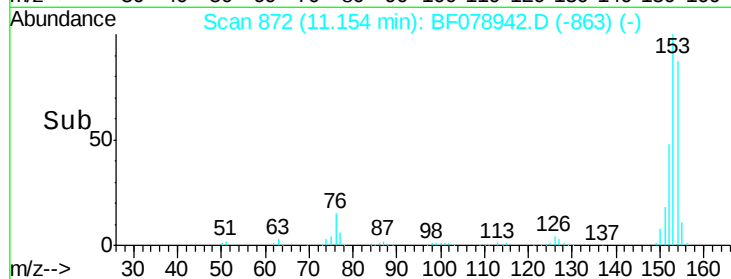
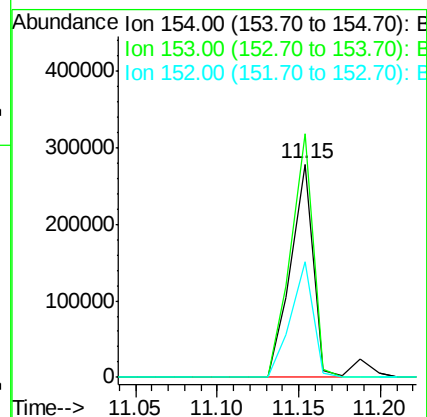
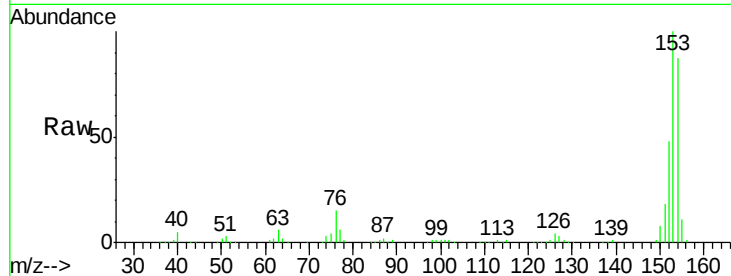




#51
Acenaphthene
Concen: 30.81 ng
RT: 11.15 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF078942.D
Acq: 5 May 2015 16:01

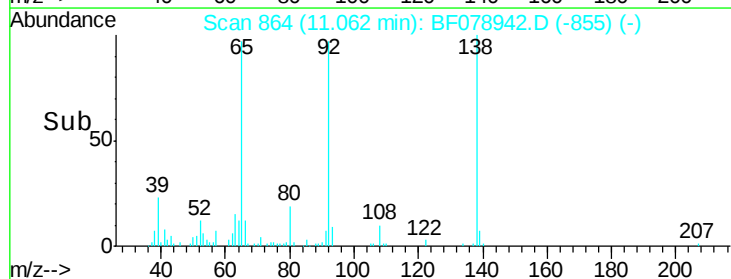
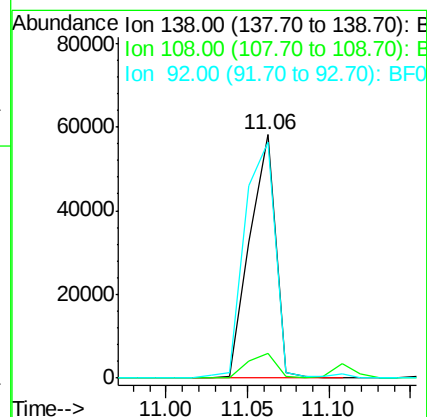
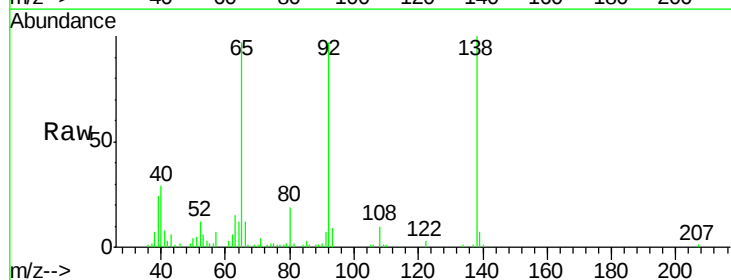
Instrument :
BNA_F
ClientSampleId :
B4(5-7)MS

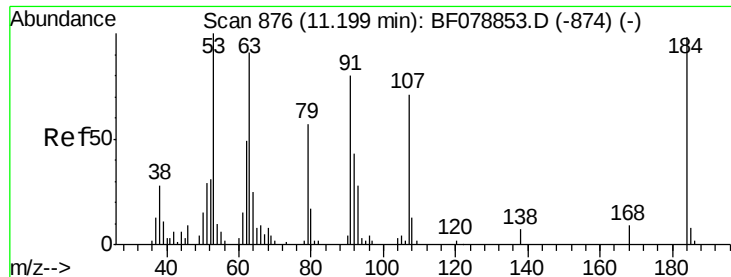
Tgt Ion:154 Resp: 270494
Ion Ratio Lower Upper
154 100
153 114.3 91.5 137.3
152 54.5 44.2 66.4



#52
3-Nitroaniline
Concen: 24.38 ng
RT: 11.06 min Scan# 864
Delta R.T. -0.00 min
Lab File: BF078942.D
Acq: 5 May 2015 16:01

Tgt Ion:138 Resp: 63778
Ion Ratio Lower Upper
138 100
108 9.9 10.6 16.0#
92 96.8 81.8 122.6

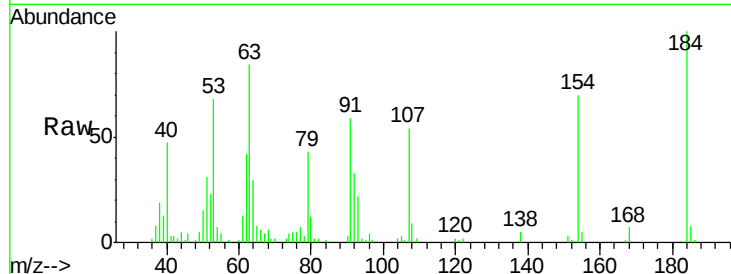




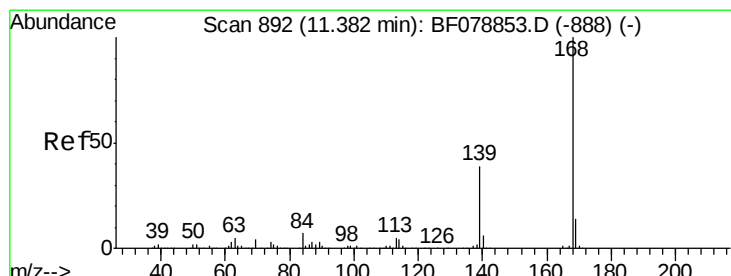
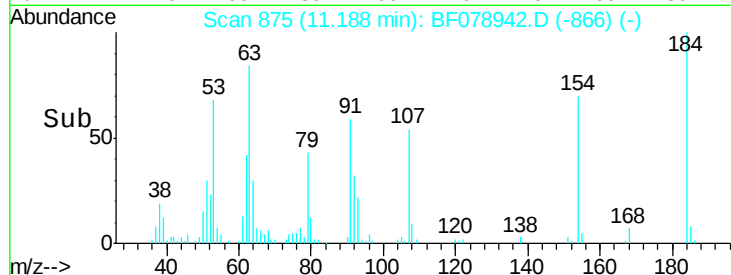
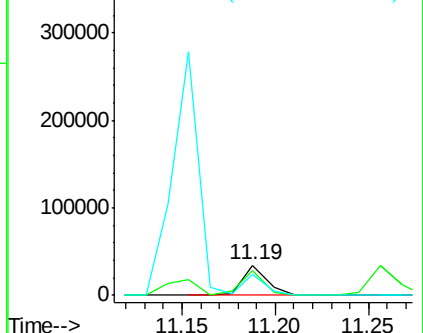
#53
2,4-Dinitrophenol
Concen: 48.97 ng
RT: 11.19 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF078942.D
Acq: 5 May 2015 16:01

Instrument :
BNA_F
ClientSampleId :
B4(5-7)MS

Tgt Ion:184 Resp: 31751
Ion Ratio Lower Upper
184 100
63 83.5 63.3 94.9
154 70.4 53.8 80.6

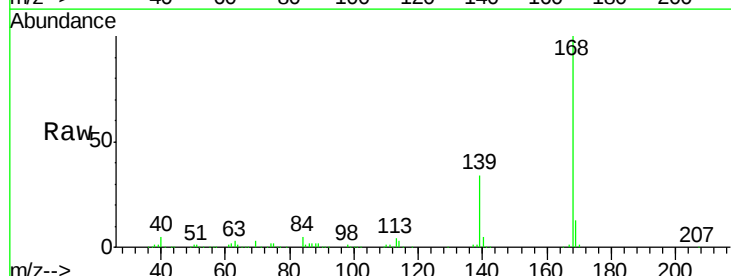


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

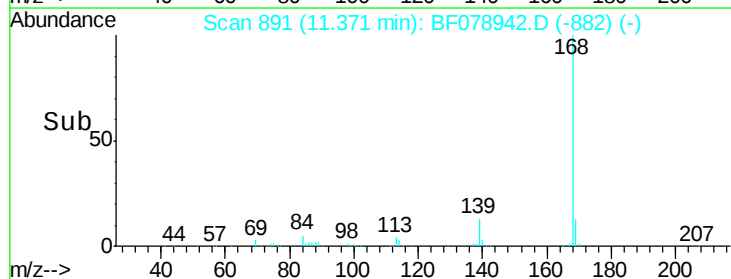
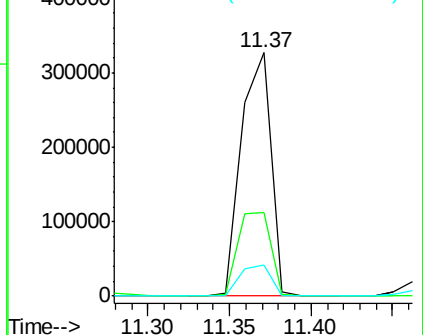


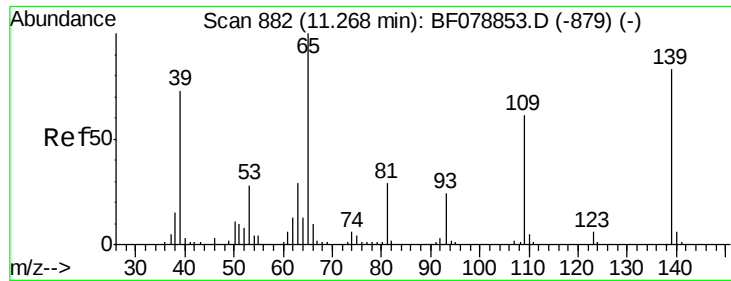
#54
Dibenzofuran
Concen: 32.39 ng
RT: 11.37 min Scan# 891
Delta R.T. -0.00 min
Lab File: BF078942.D
Acq: 5 May 2015 16:01

Tgt Ion:168 Resp: 410765
Ion Ratio Lower Upper
168 100
139 34.2 31.0 46.4
169 12.9 10.6 16.0



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

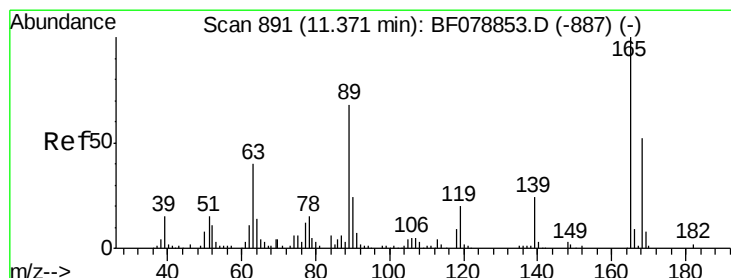
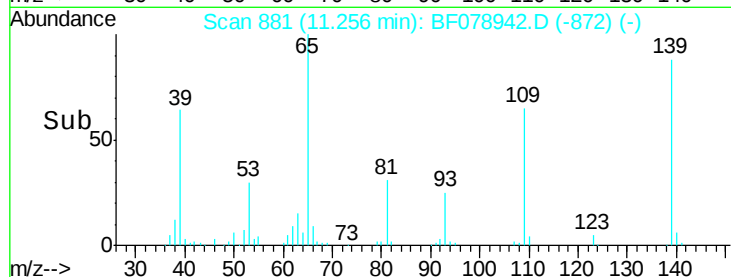
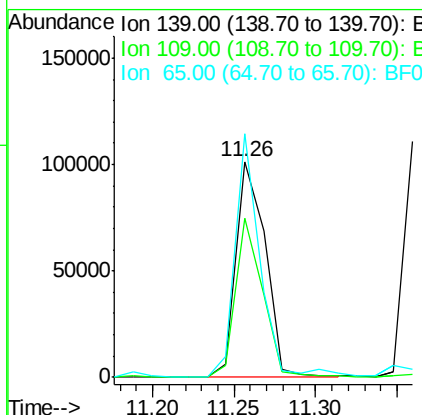
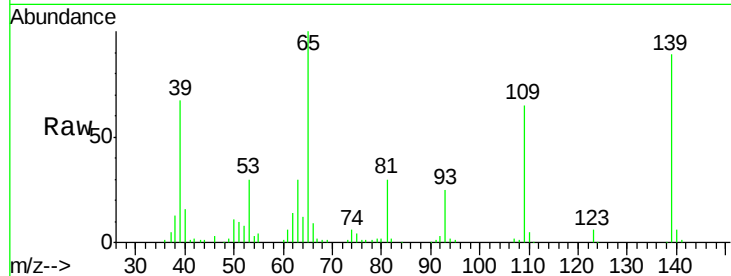




#55
4-Nitrophenol
Concen: 60.67 ng
RT: 11.26 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF078942.D
Acq: 5 May 2015 16:01

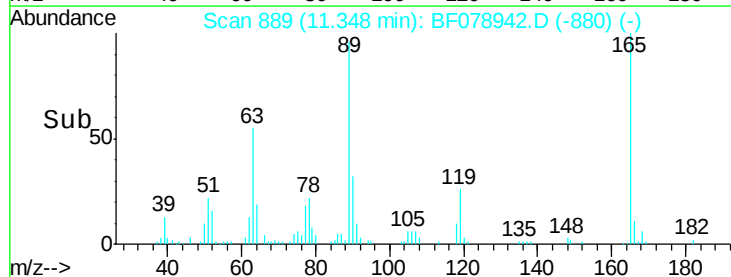
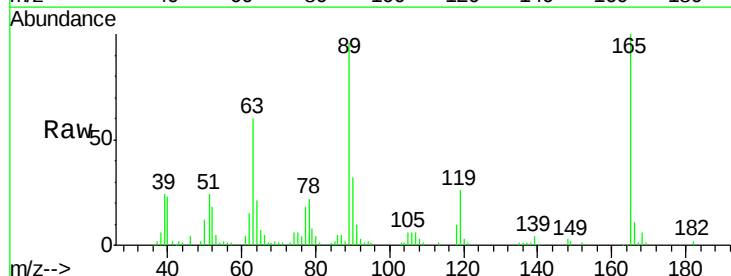
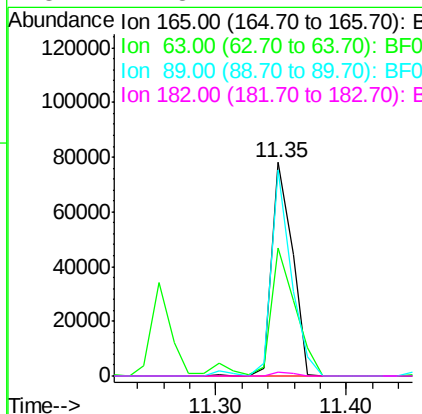
Instrument :
BNA_F
ClientSampleId :
B4(5-7)MS

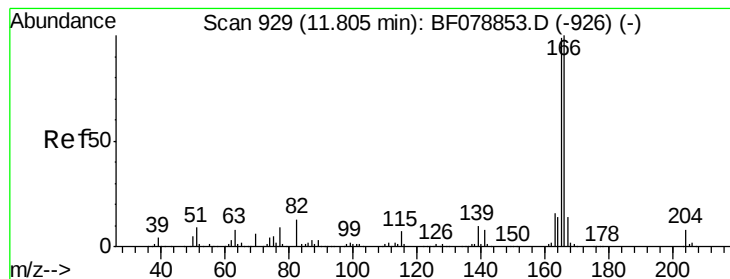
Tgt Ion:139 Resp: 125619
Ion Ratio Lower Upper
139 100
109 73.6 47.6 87.6
65 112.9 54.3 94.3#



#56
2,4-Dinitrotoluene
Concen: 31.26 ng
RT: 11.35 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF078942.D
Acq: 5 May 2015 16:01

Tgt Ion:165 Resp: 86530
Ion Ratio Lower Upper
165 100
63 59.7 51.2 76.8
89 96.4 82.7 124.1
182 1.8 1.4 2.2





#57

Fluorene

Concen: 32.88 ng

RT: 11.79 min Scan# 928

Delta R.T. -0.00 min

Lab File: BF078942.D

Acq: 5 May 2015 16:01

Instrument :

BNA_F

ClientSampleId :

B4(5-7)MS

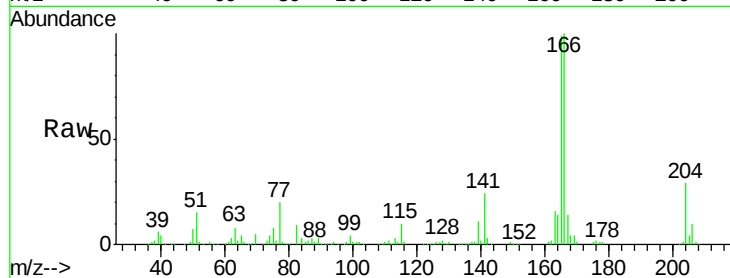
Tgt Ion:166 Resp: 342217

Ion Ratio Lower Upper

166 100

165 99.3 78.5 117.7

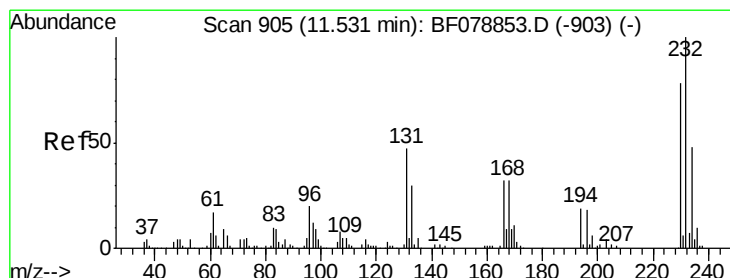
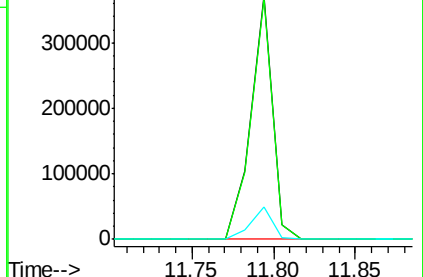
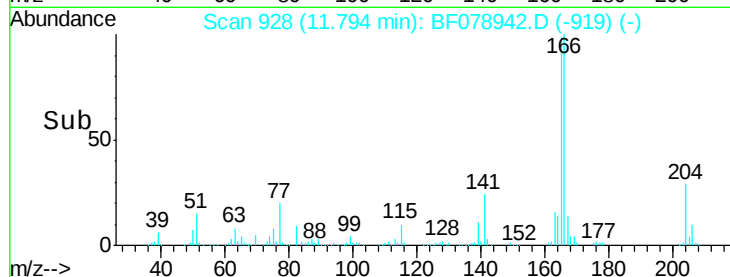
167 13.6 11.0 16.6



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: 30.69 ng

RT: 11.52 min Scan# 904

Delta R.T. -0.00 min

Lab File: BF078942.D

Acq: 5 May 2015 16:01

Tgt Ion:232 Resp: 70976

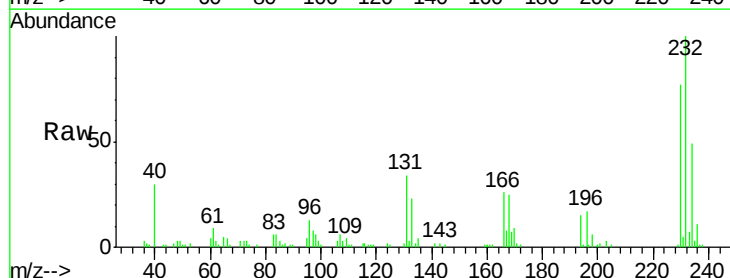
Ion Ratio Lower Upper

232 100

131 52.2 0.0 0.0#

130 2.6 0.0 0.0#

166 34.4 0.0 0.0#

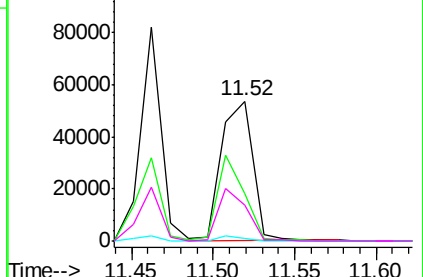
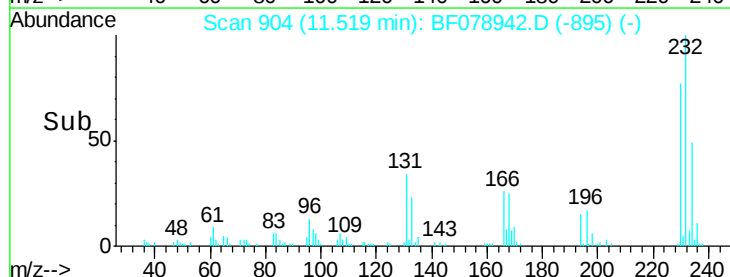


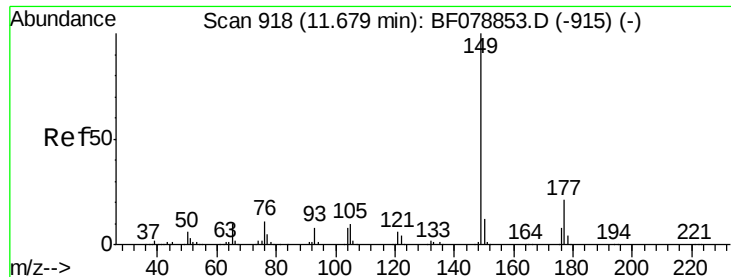
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

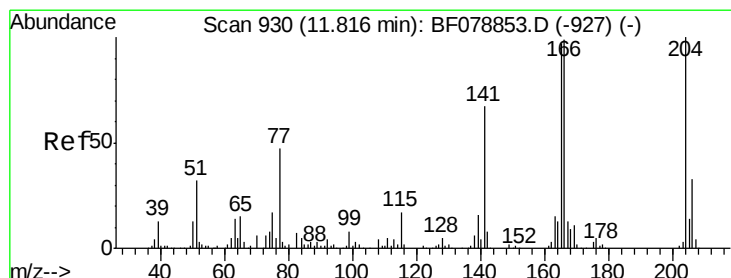
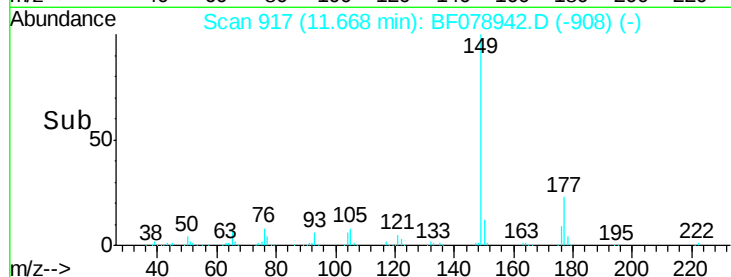
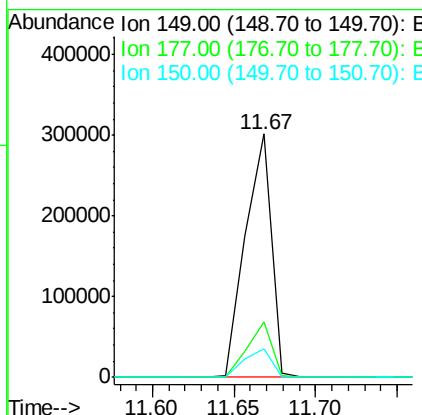
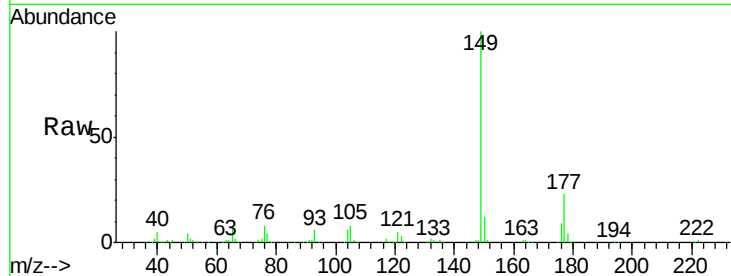




#59
Diethylphthalate
Concen: 31.60 ng
RT: 11.67 min Scan# 917
Delta R.T. -0.00 min
Lab File: BF078942.D
Acq: 5 May 2015 16:01

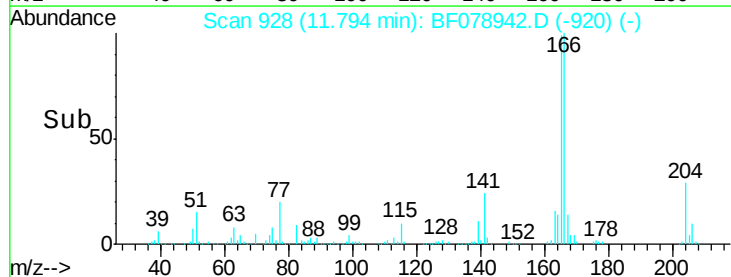
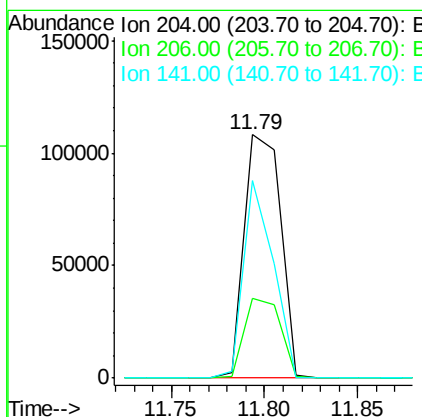
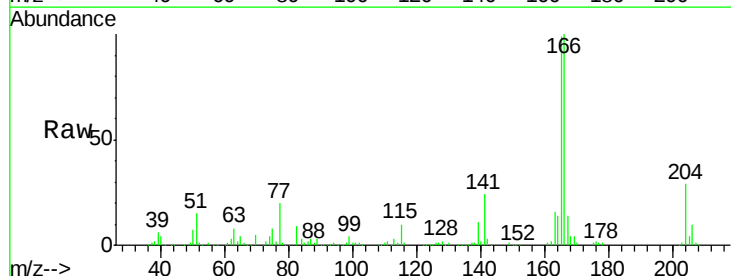
Instrument :
BNA_F
ClientSampleId :
B4(5-7)MS

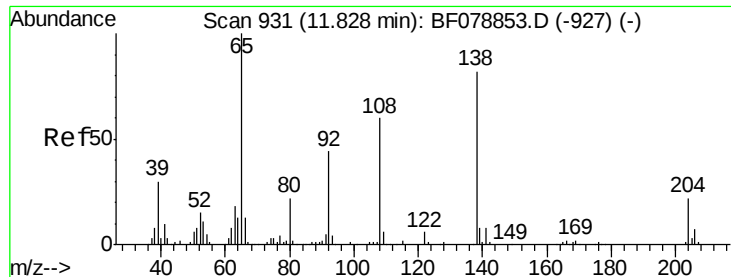
Tgt Ion:149 Resp: 332214
Ion Ratio Lower Upper
149 100
177 22.6 17.5 26.3
150 11.7 9.6 14.4



#60
4-Chlorophenyl-phenylether
Concen: 31.75 ng
RT: 11.79 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF078942.D
Acq: 5 May 2015 16:01

Tgt Ion:204 Resp: 146580
Ion Ratio Lower Upper
204 100
206 33.0 26.9 40.3
141 81.1 48.3 72.5#

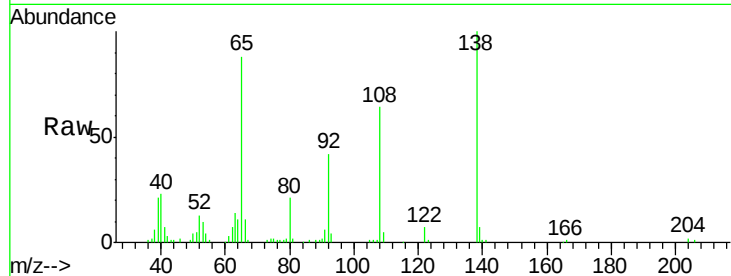




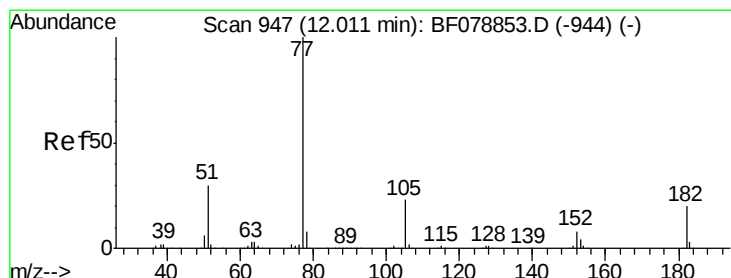
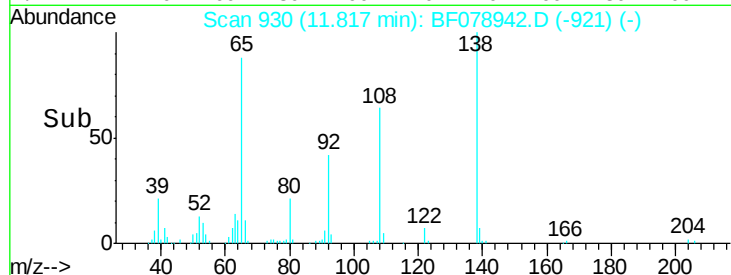
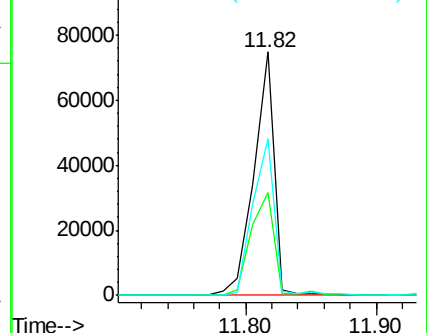
#61
4-Nitroaniline
Concen: 31.21 ng
RT: 11.82 min Scan# 930
Delta R.T. -0.00 min
Lab File: BF078942.D
Acq: 5 May 2015 16:01

Instrument :
BNA_F
ClientSampleId :
B4(5-7)MS

Tgt Ion:138 Resp: 81683
Ion Ratio Lower Upper
138 100
92 42.5 28.0 68.0
108 64.2 56.3 96.3

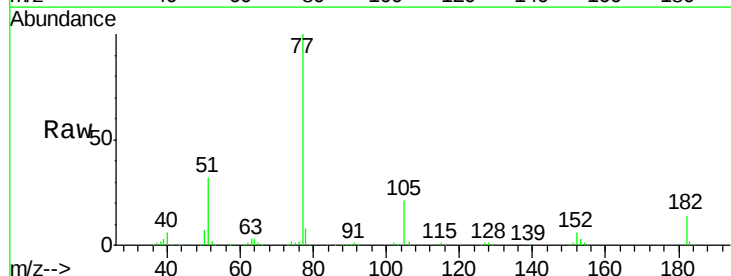


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

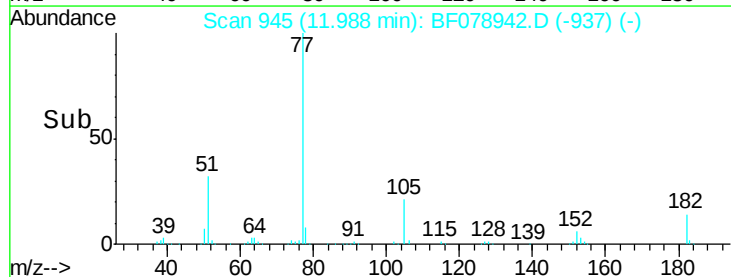
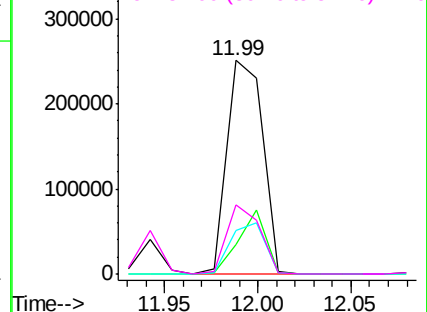


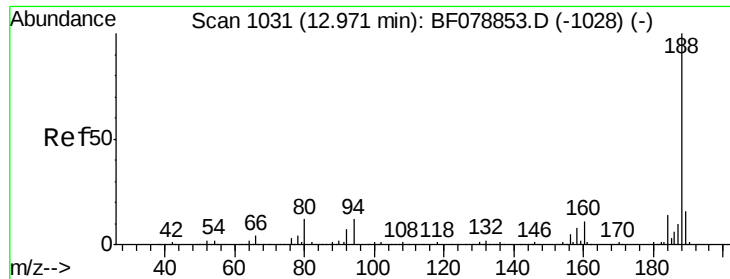
#62
Azobenzene
Concen: 32.63 ng
RT: 11.99 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF078942.D
Acq: 5 May 2015 16:01

Tgt Ion: 77 Resp: 337984
Ion Ratio Lower Upper
77 100
182 13.8 3.8 43.8
105 20.6 3.9 43.9
51 32.2 10.8 50.8



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

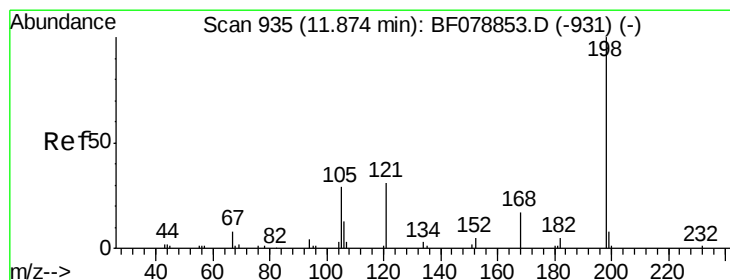
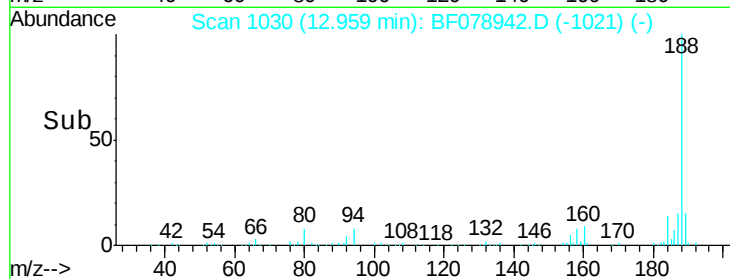
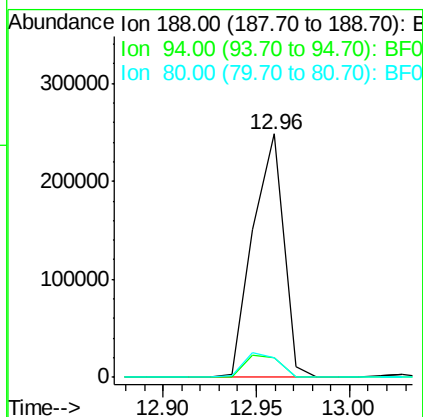
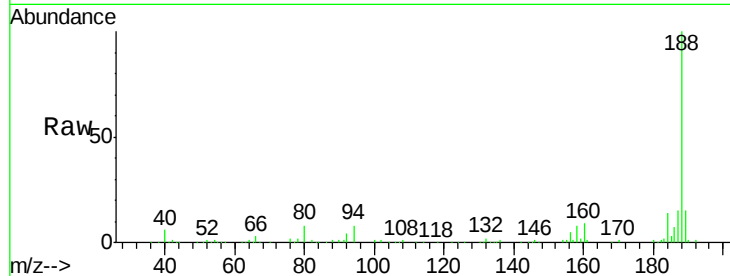




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.96 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF078942.D
Acq: 5 May 2015 16:01

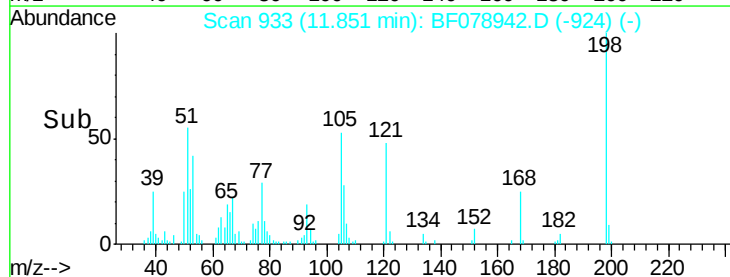
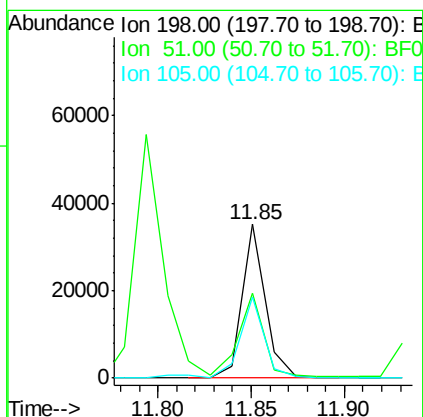
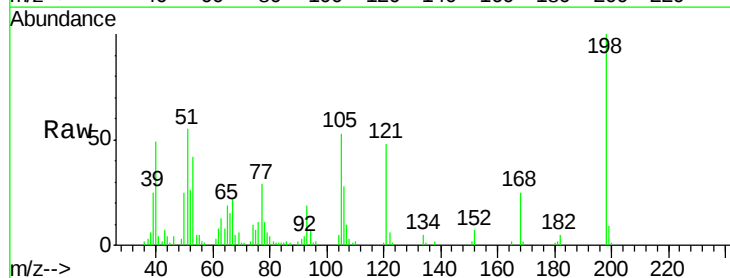
Instrument :
BNA_F
ClientSampleId :
B4(5-7)MS

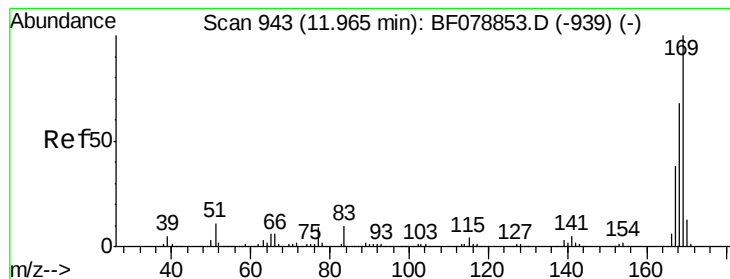
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	8.2	12.2#
80	8.3	8.9	13.3#



#64
4,6-Dinitro-2-methylphenol
Concen: 30.32 ng
RT: 11.85 min Scan# 933
Delta R.T. -0.00 min
Lab File: BF078942.D
Acq: 5 May 2015 16:01

Tgt Ion	Ratio	Lower	Upper
198	100		
51	55.0	47.3	87.3
105	53.1	38.8	78.8

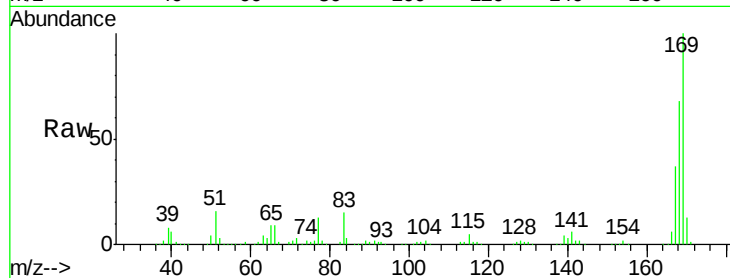




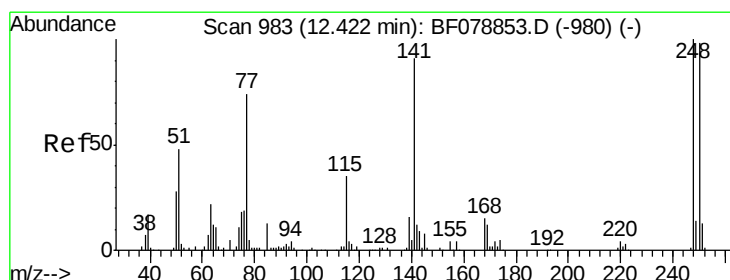
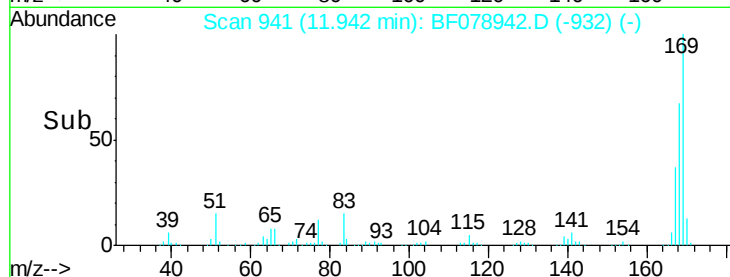
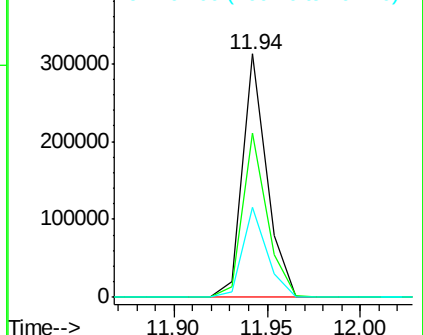
#65
 n-Nitrosodiphenylamine
 Concen: 29.93 ng
 RT: 11.94 min Scan# 941
 Delta R.T. -0.00 min
 Lab File: BF078942.D
 Acq: 5 May 2015 16:01

Instrument :
 BNA_F
 ClientSampleId :
 B4(5-7)MS

Tgt Ion:169 Resp: 282411
 Ion Ratio Lower Upper
 169 100
 168 67.6 54.6 82.0
 167 37.1 30.6 45.8

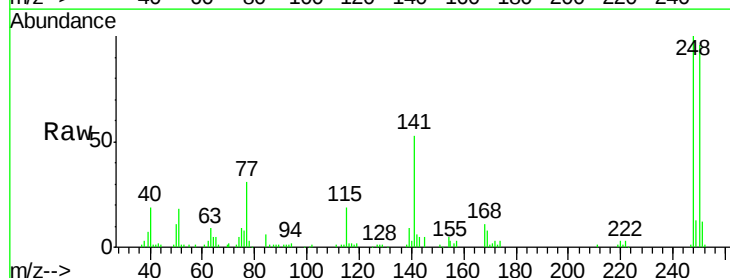


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

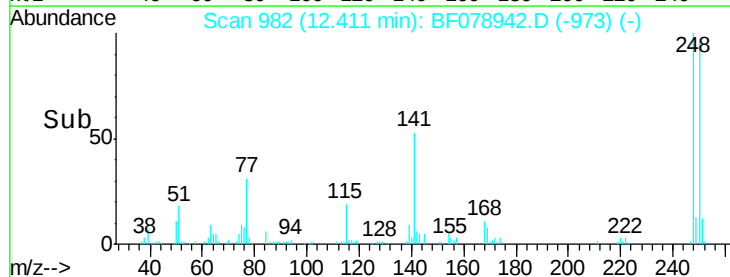
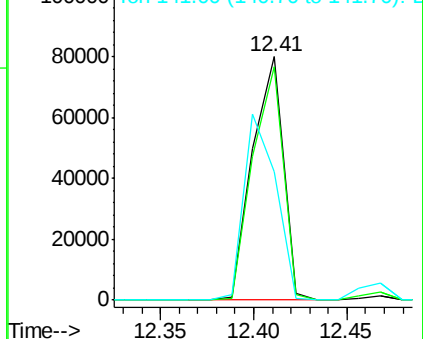


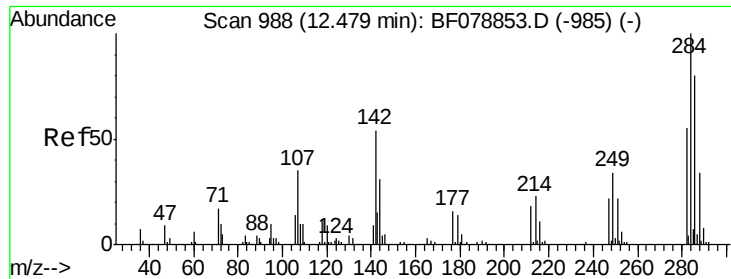
#66
 4-Bromophenyl-phenylether
 Concen: 30.85 ng
 RT: 12.41 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: BF078942.D
 Acq: 5 May 2015 16:01

Tgt Ion:248 Resp: 91108
 Ion Ratio Lower Upper
 248 100
 250 96.0 77.1 115.7
 141 53.0 58.8 88.2#



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

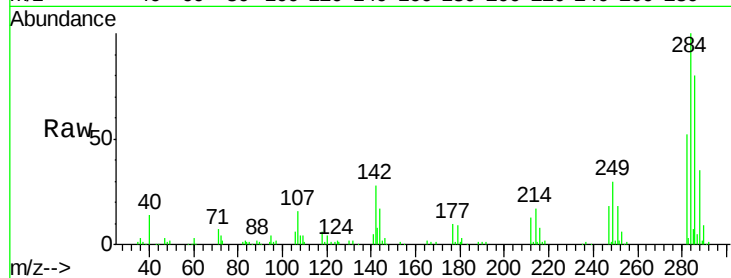




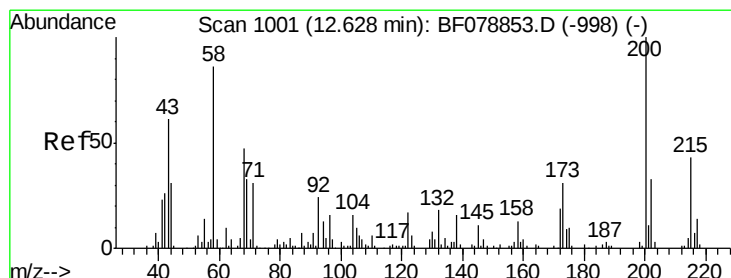
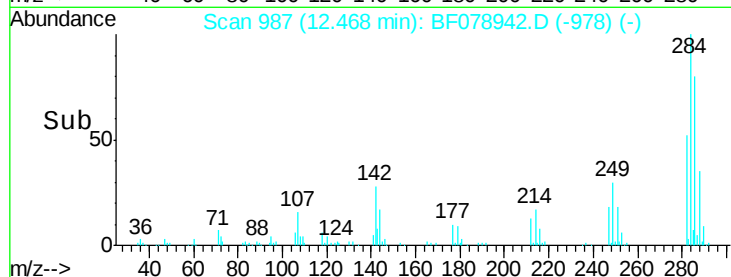
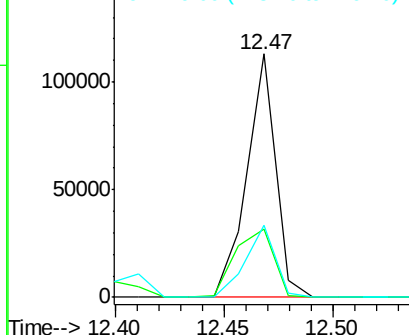
#67
Hexachlorobenzene
Concen: 30.78 ng
RT: 12.47 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF078942.D
Acq: 5 May 2015 16:01

Instrument :
BNA_F
ClientSampleId :
B4(5-7)MS

Tgt Ion: 284 Resp: 103889
Ion Ratio Lower Upper
284 100
142 28.0 35.2 52.8#
249 29.7 25.4 38.2

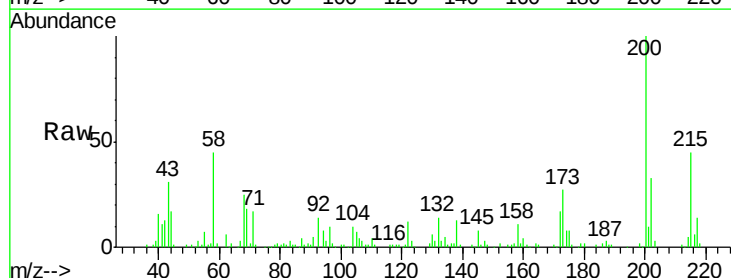


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

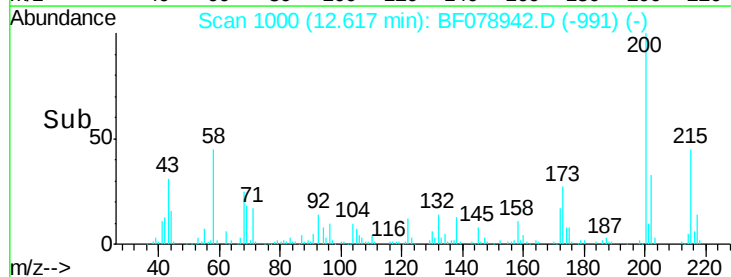
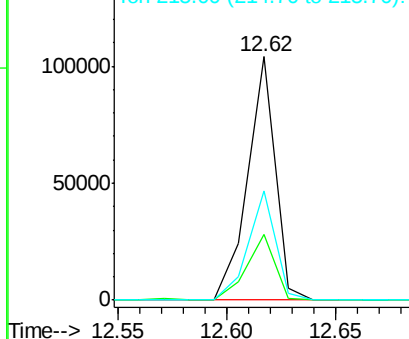


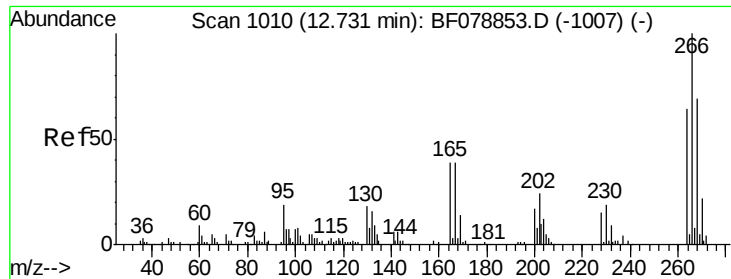
#68
Atrazine
Concen: 33.37 ng
RT: 12.62 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BF078942.D
Acq: 5 May 2015 16:01

Tgt Ion: 200 Resp: 91549
Ion Ratio Lower Upper
200 100
173 27.2 8.1 48.1
215 44.7 22.9 62.9



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

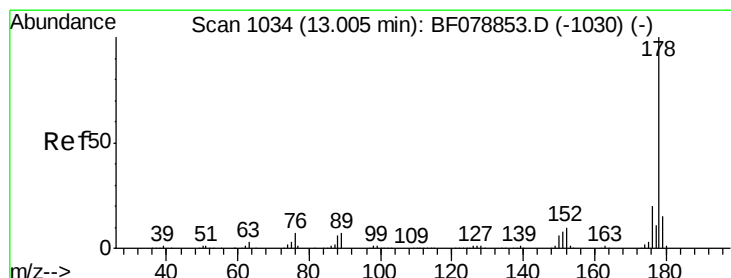
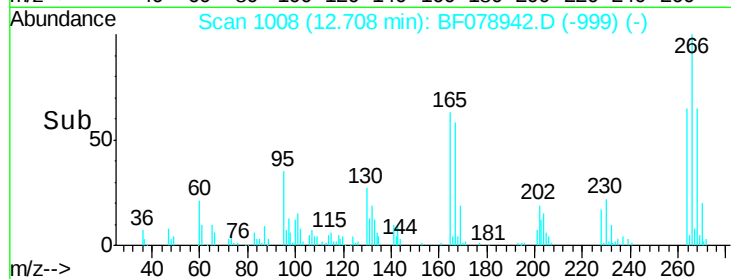
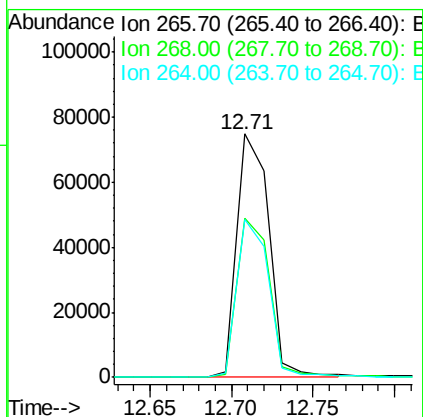
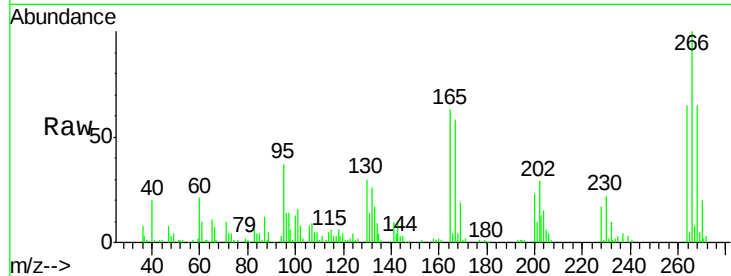




#69
 Pentachlorophenol
 Concen: 53.88 ng
 RT: 12.71 min Scan# 1008
 Delta R.T. -0.00 min
 Lab File: BF078942.D
 Acq: 5 May 2015 16:01

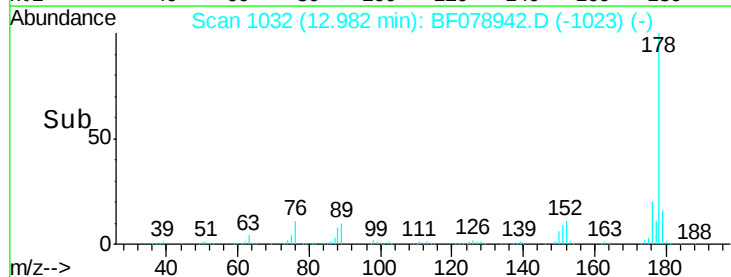
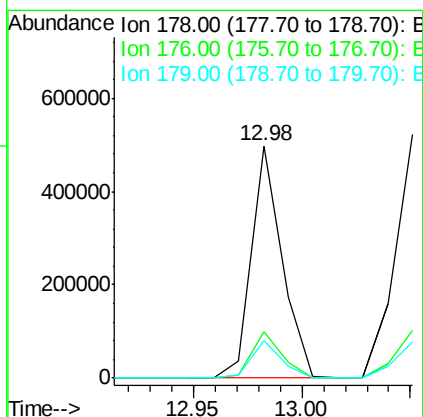
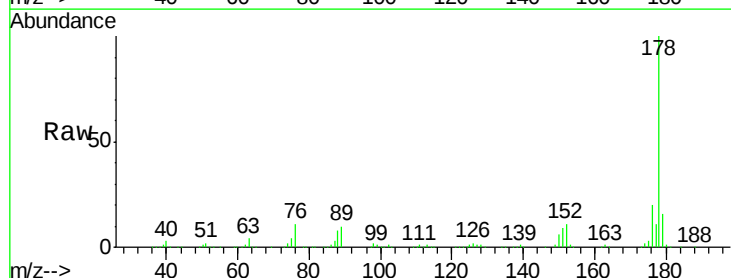
Instrument :
 BNA_F
 ClientSampleId :
 B4(5-7)MS

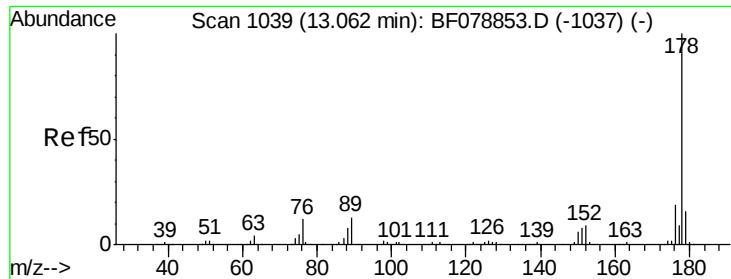
Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.1	55.0	82.6
264	64.6	48.2	72.2



#70
 Phenanthrene
 Concen: 30.80 ng
 RT: 12.98 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BF078942.D
 Acq: 5 May 2015 16:01

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	16.0	12.5	18.7

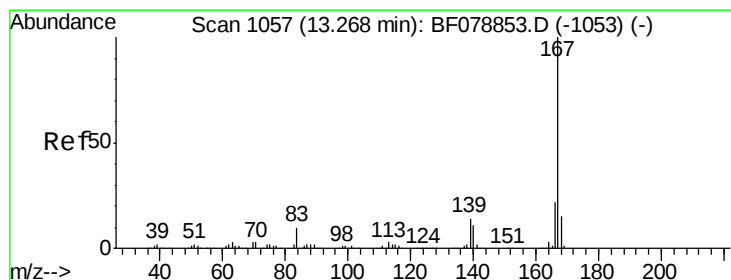
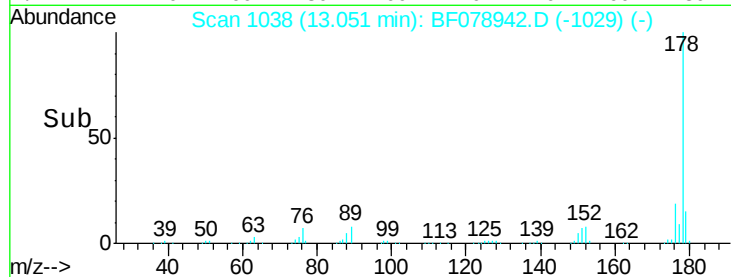
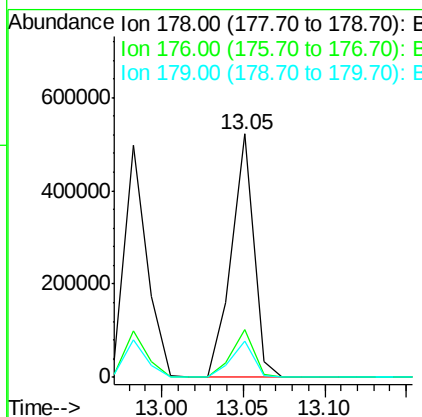
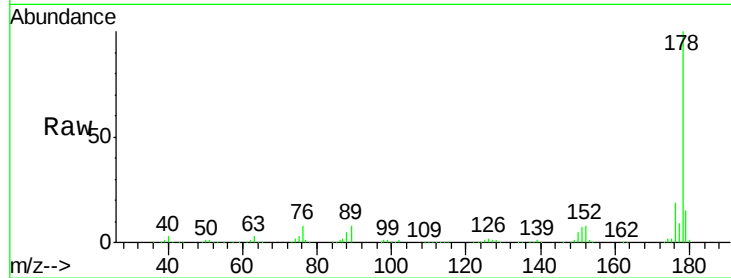




#71
 Anthracene
 Concen: 31.70 ng
 RT: 13.05 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF078942.D
 Acq: 5 May 2015 16:01

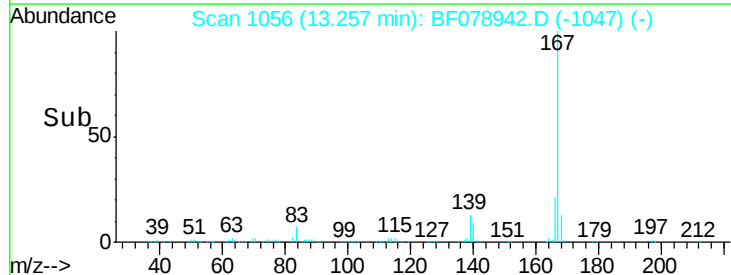
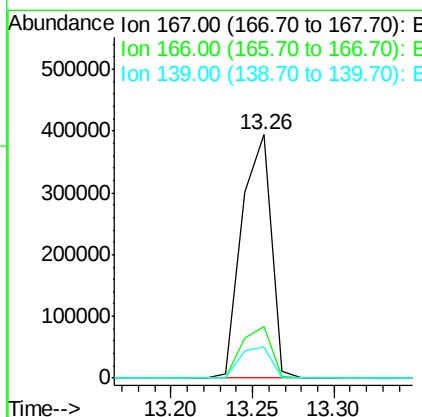
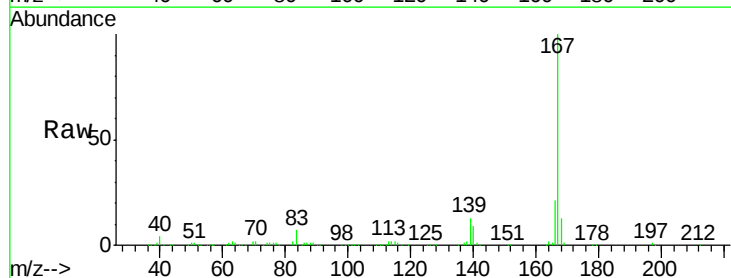
Instrument :
 BNA_F
 ClientSampleId :
 B4(5-7)MS

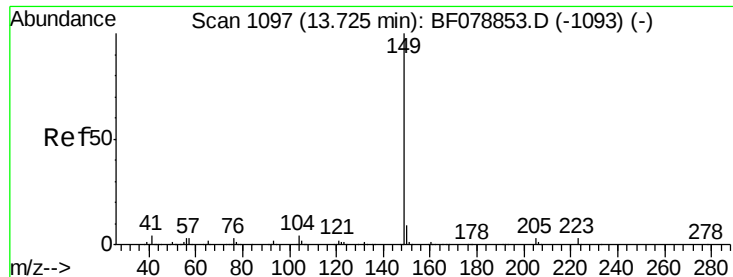
Tgt Ion:178 Resp: 492919
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.5 23.3
 179 15.1 12.7 19.1



#72
 Carbazole
 Concen: 33.11 ng
 RT: 13.26 min Scan# 1056
 Delta R.T. -0.00 min
 Lab File: BF078942.D
 Acq: 5 May 2015 16:01

Tgt Ion:167 Resp: 490659
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.8 26.8
 139 12.6 10.6 16.0





#73

Di-n-butylphthalate

Concen: 32.26 ng

RT: 13.70 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BF078942.D

Acq: 5 May 2015 16:01

Instrument :

BNA_F

ClientSampleId :

B4(5-7)MS

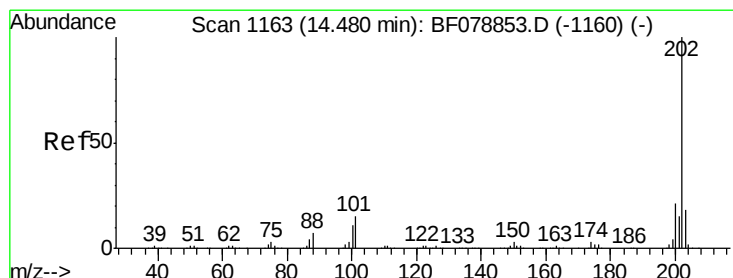
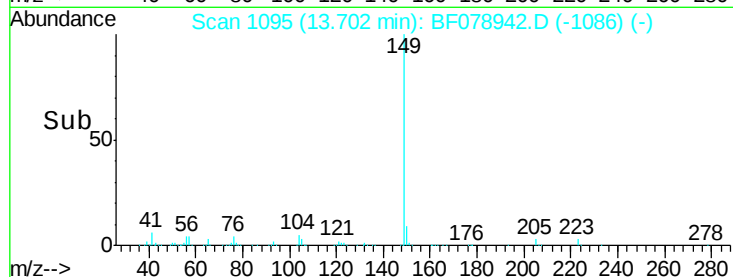
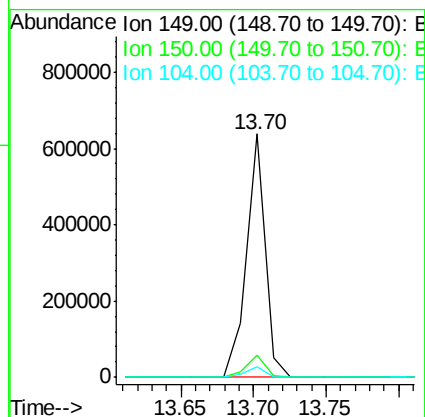
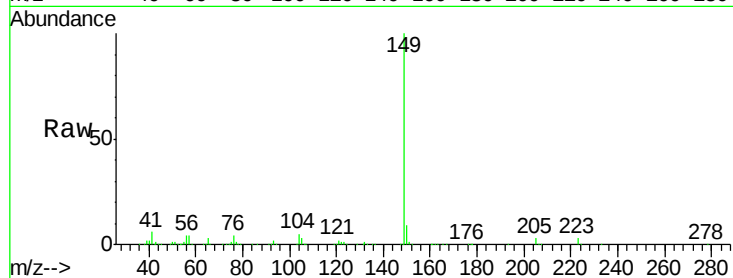
Tgt Ion:149 Resp: 573371

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

104 4.6 4.6 7.0#



#74

Fluoranthene

Concen: 32.83 ng

RT: 14.47 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BF078942.D

Acq: 5 May 2015 16:01

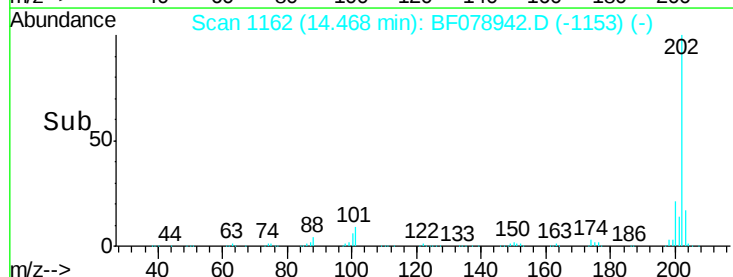
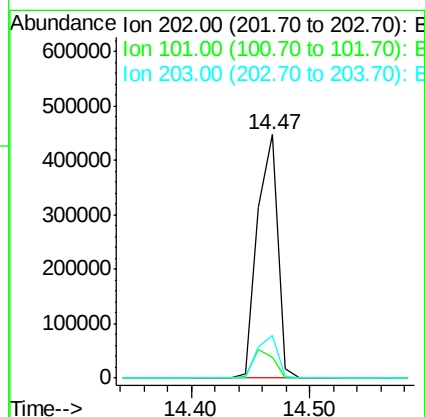
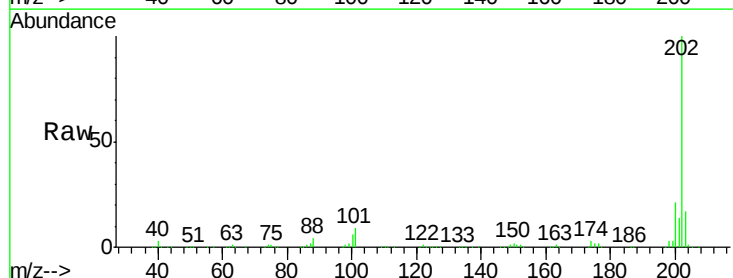
Tgt Ion:202 Resp: 542175

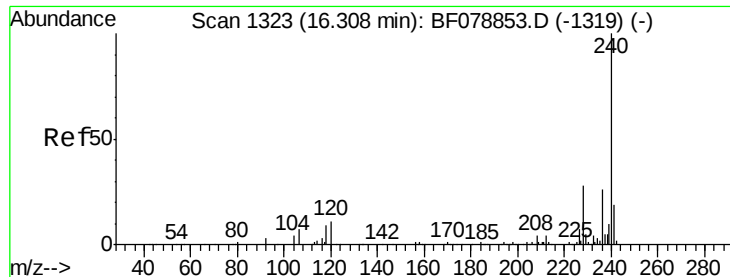
Ion Ratio Lower Upper

202 100

101 8.8 0.0 34.6

203 17.4 0.0 38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.26 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF078942.D

Acq: 5 May 2015 16:01

Instrument :

BNA_F

ClientSampleId :

B4(5-7)MS

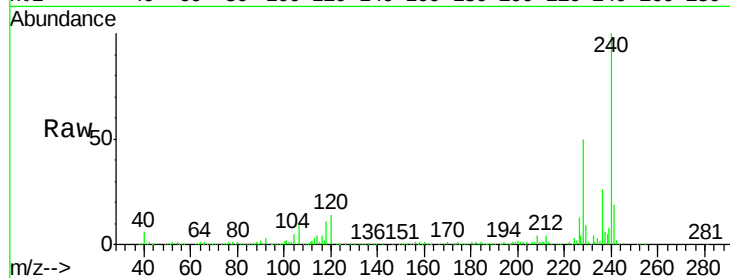
Tgt Ion:240 Resp: 295485

Ion Ratio Lower Upper

240 100

120 13.6 9.7 14.5

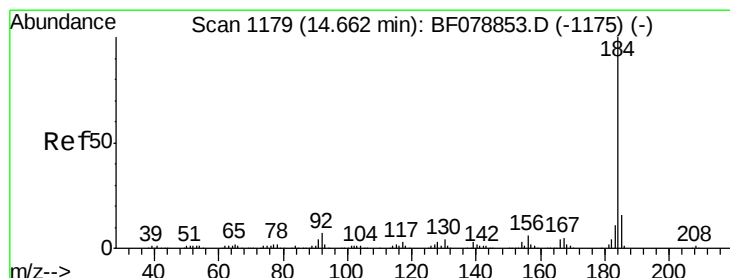
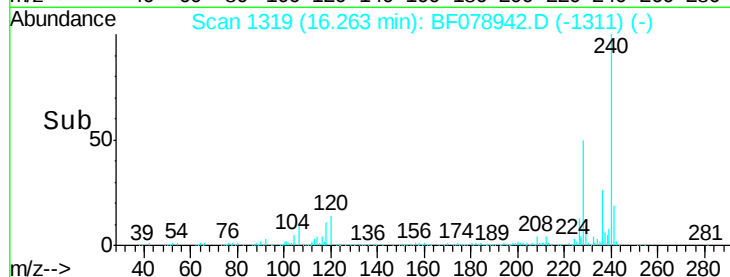
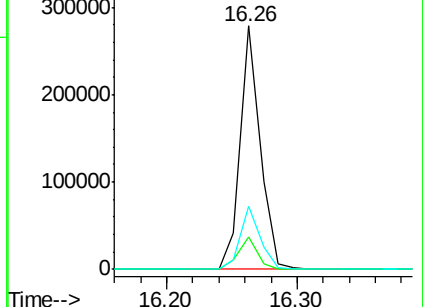
236 25.8 20.2 30.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 16.95 ng

RT: 14.64 min Scan# 1177

Delta R.T. -0.00 min

Lab File: BF078942.D

Acq: 5 May 2015 16:01

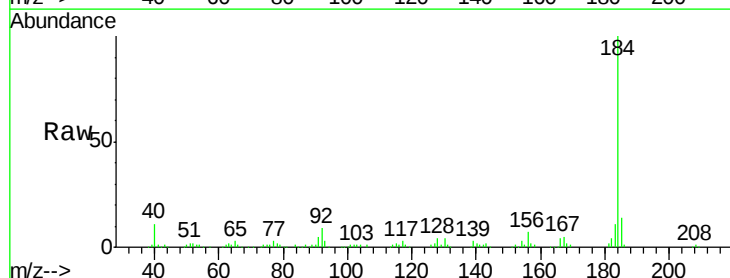
Tgt Ion:184 Resp: 134964

Ion Ratio Lower Upper

184 100

185 14.1 12.3 18.5

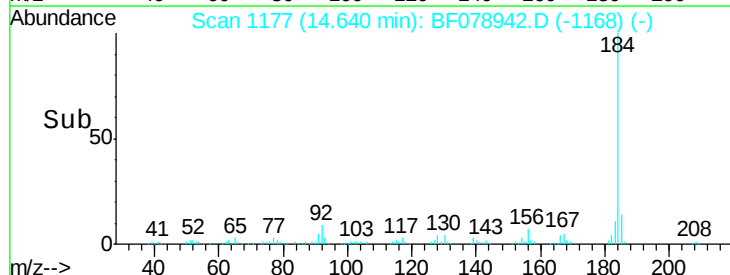
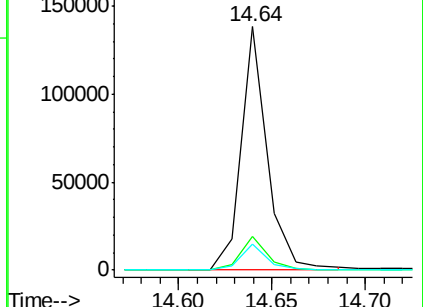
183 10.6 8.4 12.6

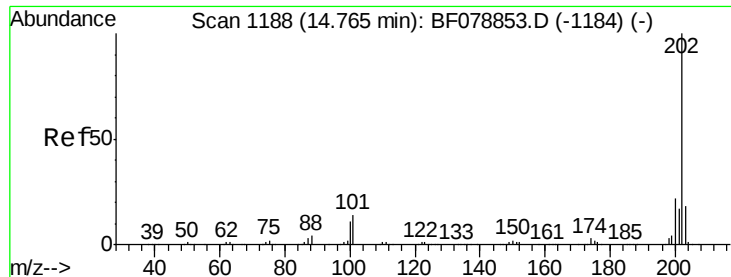


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 32.65 ng

RT: 14.74 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BF078942.D

Acq: 5 May 2015 16:01

Instrument :

BNA_F

ClientSampleId :

B4(5-7)MS

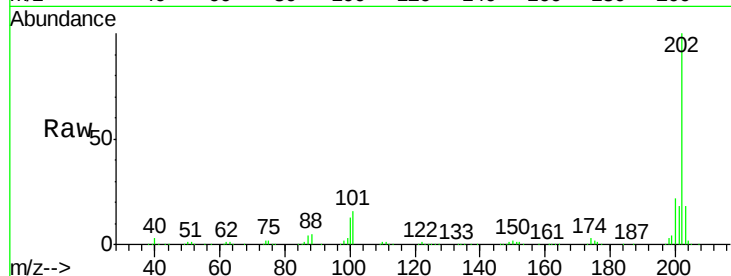
Tgt Ion:202 Resp: 555933

Ion Ratio Lower Upper

202 100

200 21.8 17.5 26.3

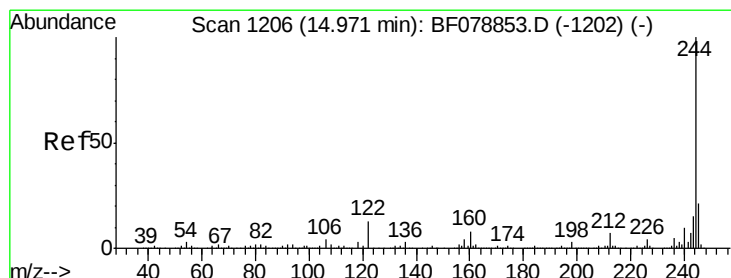
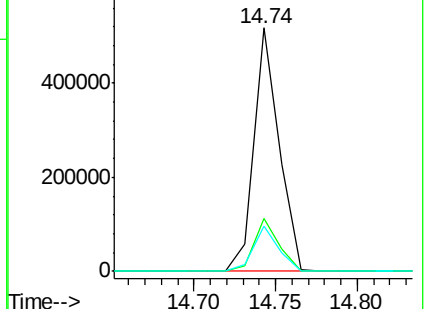
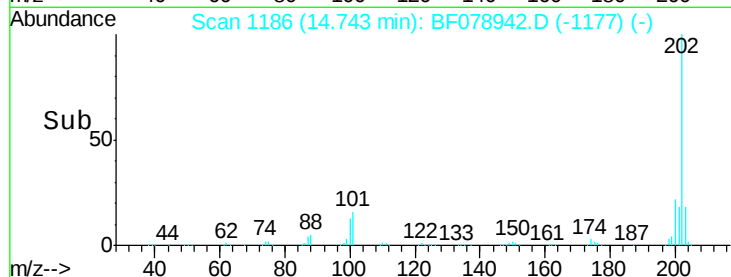
203 18.5 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 65.85 ng

RT: 14.95 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BF078942.D

Acq: 5 May 2015 16:01

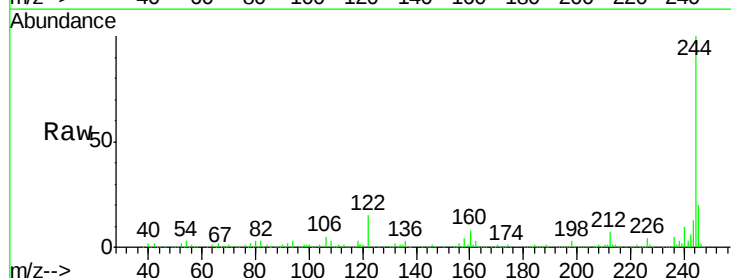
Tgt Ion:244 Resp: 812678

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

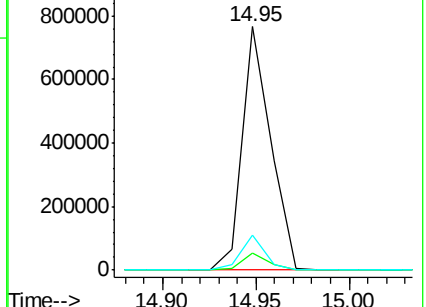
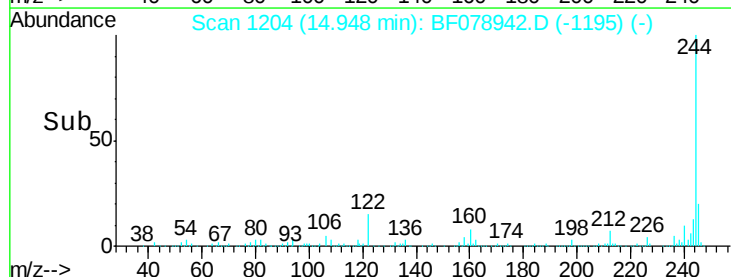
122 14.5 10.3 15.5

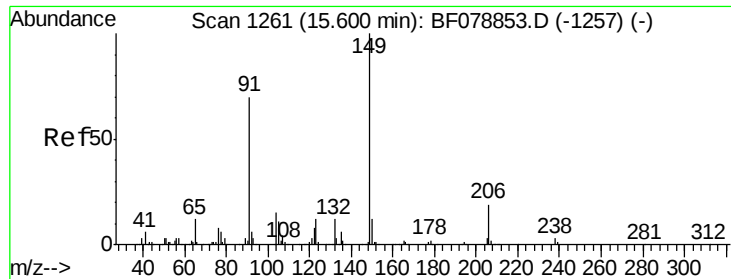


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

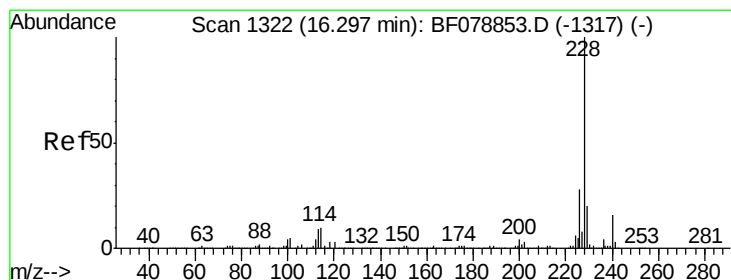
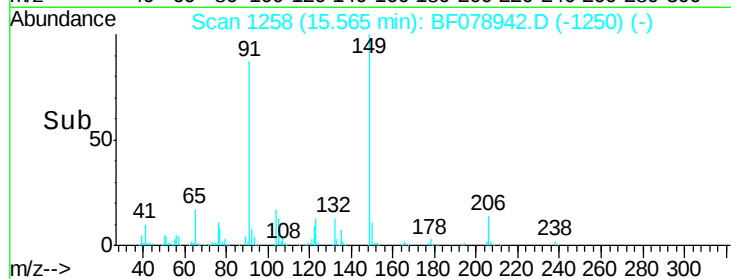
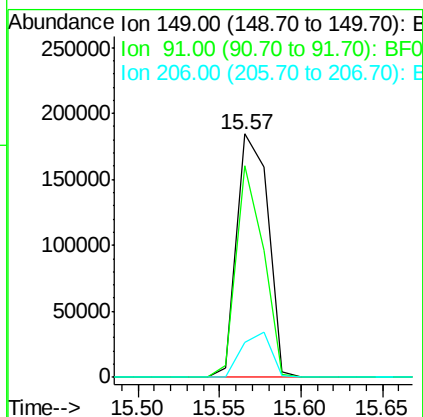
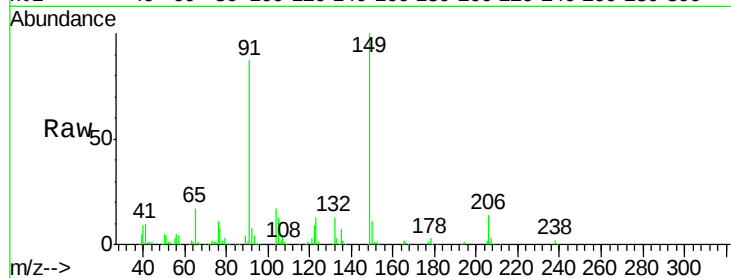




#79
Butylbenzylphthalate
Concen: 32.80 ng
RT: 15.57 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF078942.D
Acq: 5 May 2015 16:01

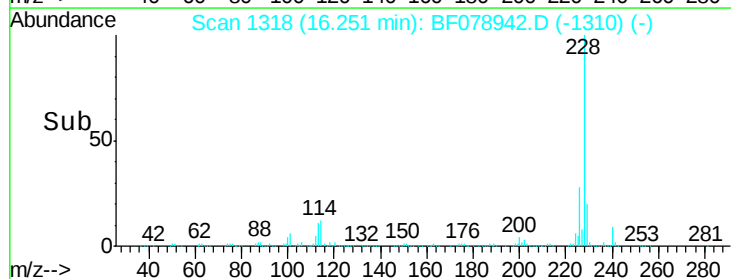
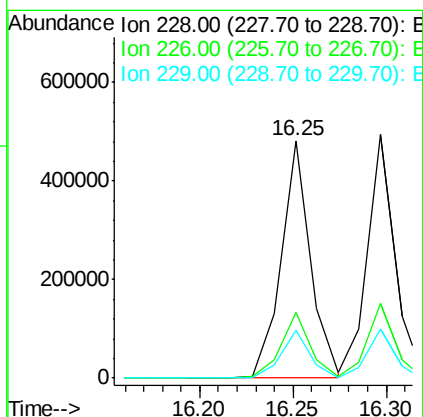
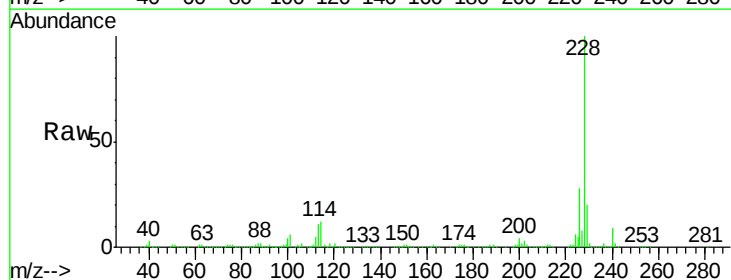
Instrument :
BNA_F
ClientSampleId :
B4(5-7)MS

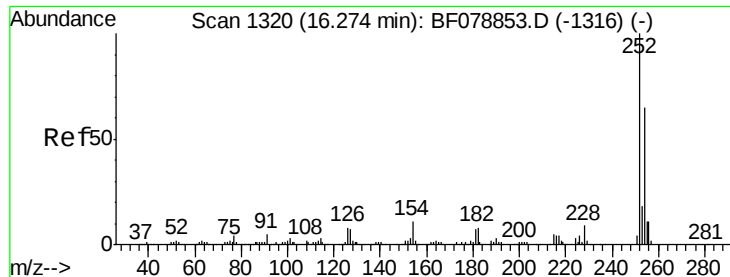
Tgt Ion	Ratio	Lower	Upper
149	100		
91	86.7	64.6	97.0
206	14.5	12.2	18.4



#80
Benzo(a)anthracene
Concen: 32.55 ng
RT: 16.25 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF078942.D
Acq: 5 May 2015 16:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	20.0	15.9	23.9

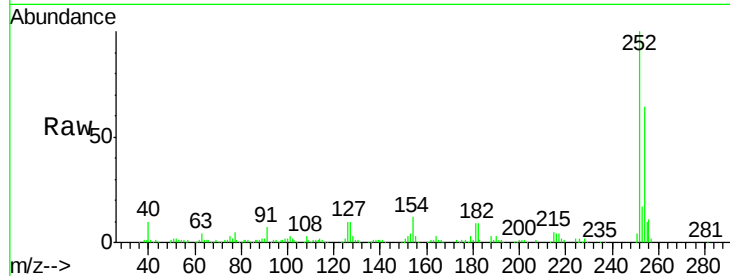




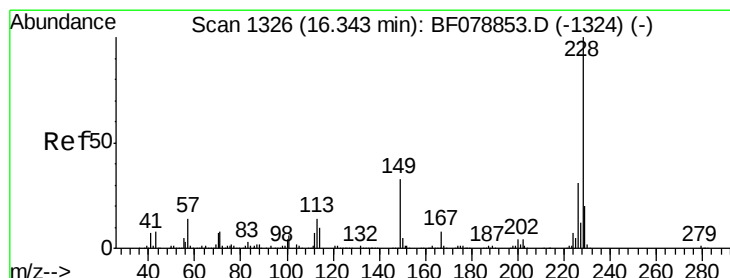
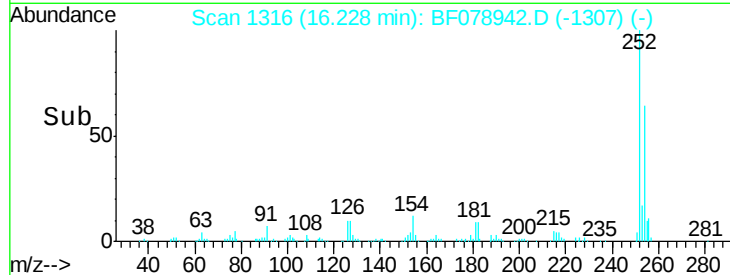
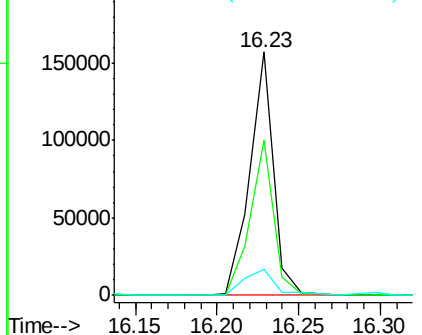
#81
 3,3'-Dichlorobenzidine
 Concen: 27.51 ng
 RT: 16.23 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: BF078942.D
 Acq: 5 May 2015 16:01

Instrument :
 BNA_F
 ClientSampleId :
 B4(5-7)MS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.3	76.9
126	10.4	6.6	10.0#

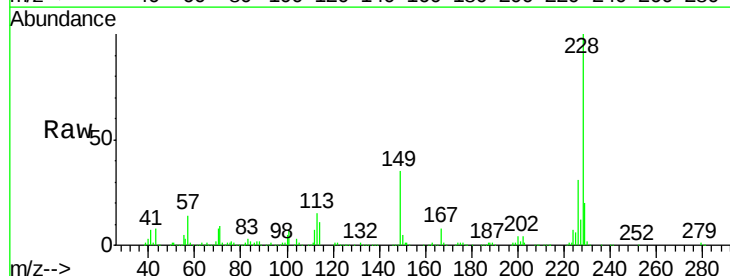


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

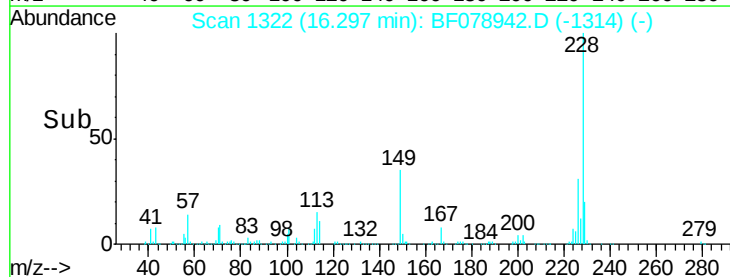
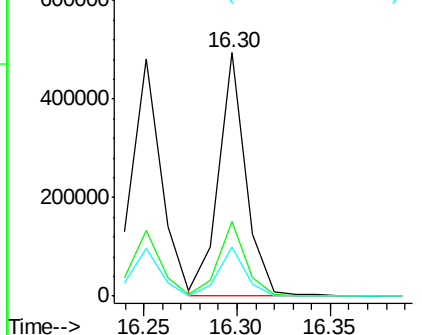


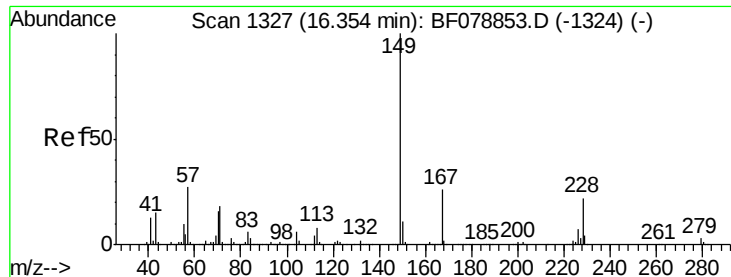
#82
 Chrysene
 Concen: 32.01 ng
 RT: 16.30 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF078942.D
 Acq: 5 May 2015 16:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	20.1	16.0	24.0



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 33.40 ng

RT: 16.31 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BF078942.D

Acq: 5 May 2015 16:01

Instrument :

BNA_F

ClientSampleId :

B4(5-7)MS

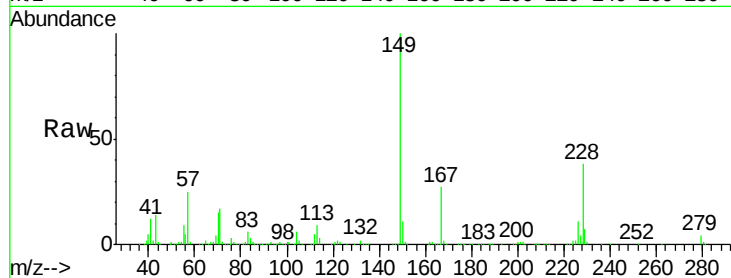
Tgt Ion:149 Resp: 376491

Ion Ratio Lower Upper

149 100

167 26.8 21.8 32.8

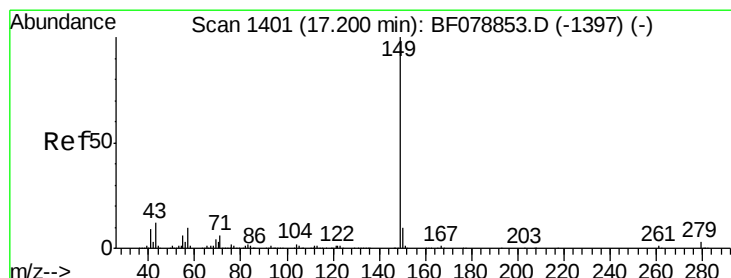
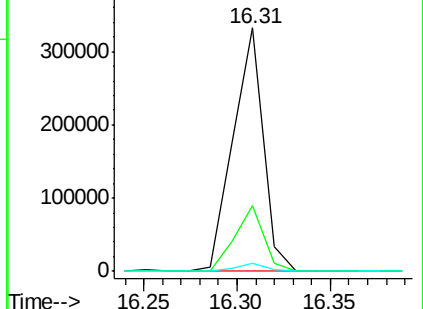
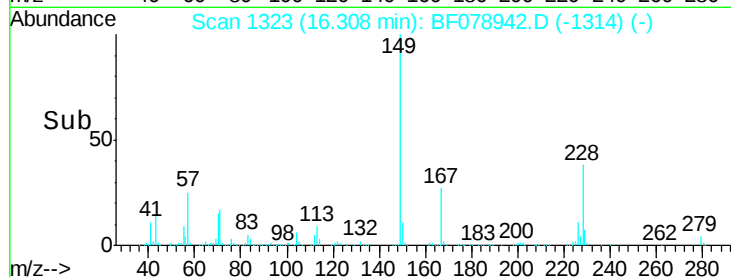
279 3.5 2.9 4.3



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: 31.30 ng

RT: 17.13 min Scan# 1395

Delta R.T. -0.01 min

Lab File: BF078942.D

Acq: 5 May 2015 16:01

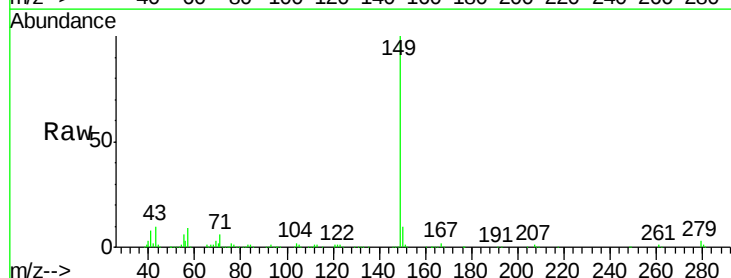
Tgt Ion:149 Resp: 621398

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

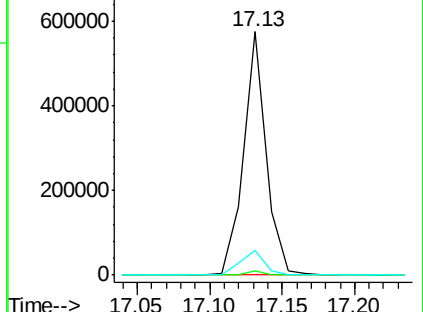
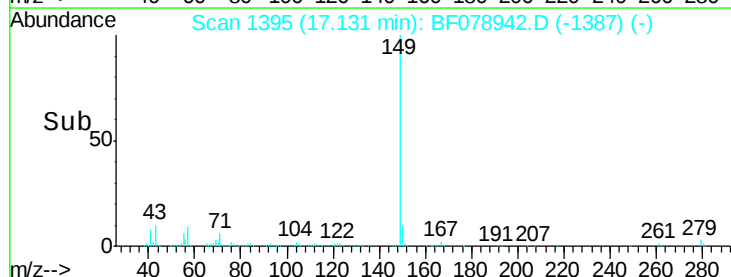
43 11.0 0.0 0.0#

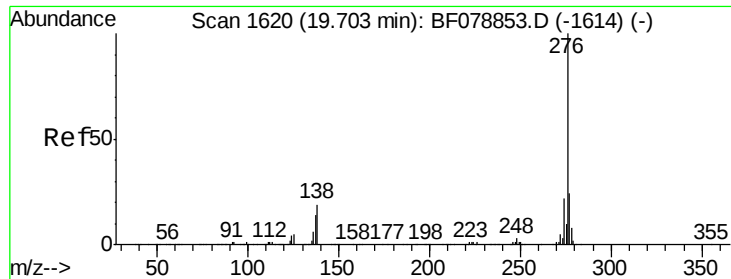


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

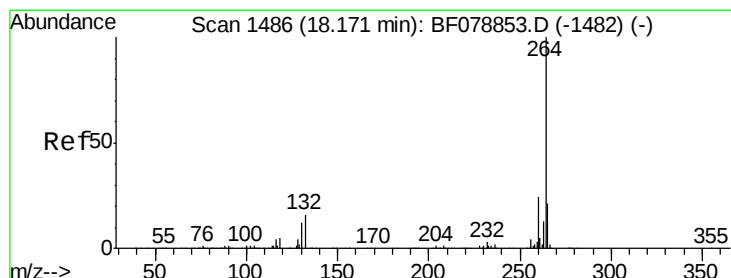
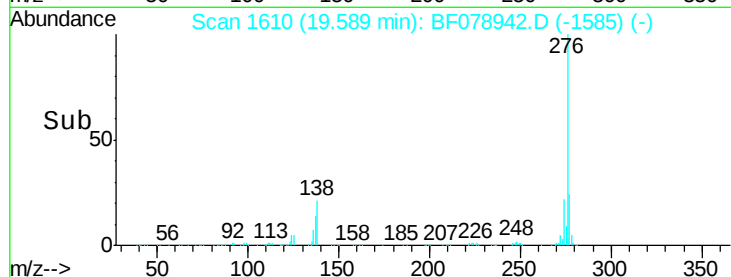
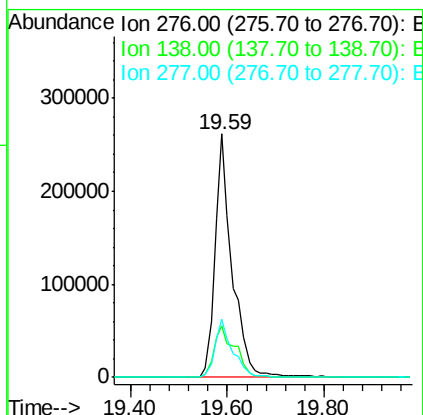
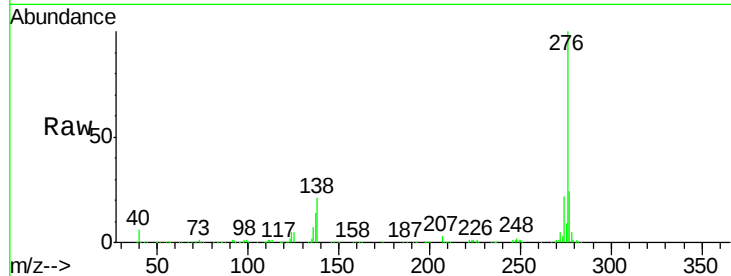




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.91 ng
 RT: 19.59 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF078942.D
 Acq: 5 May 2015 16:01

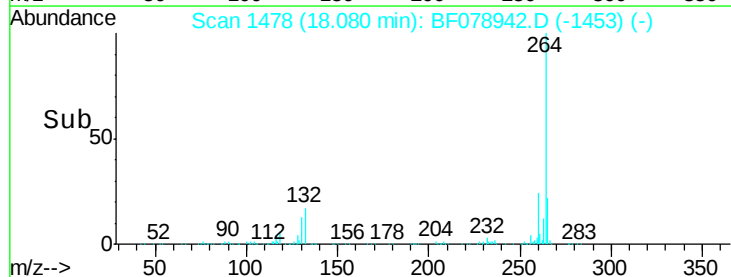
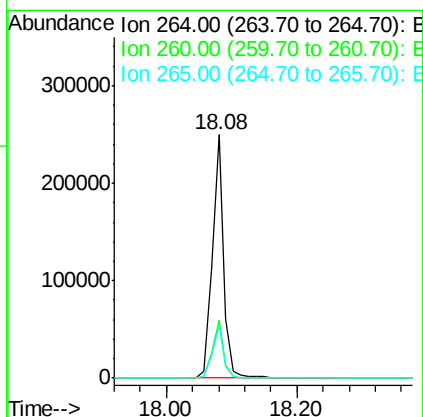
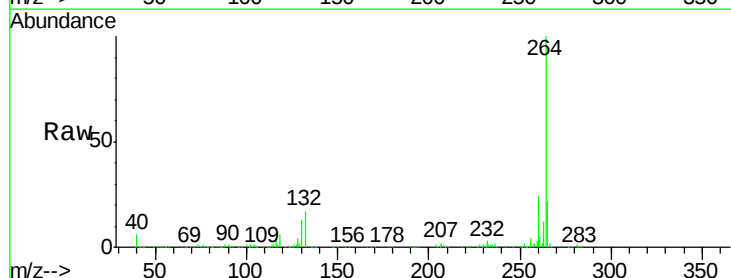
Instrument :
 BNA_F
 ClientSampleId :
 B4(5-7)MS

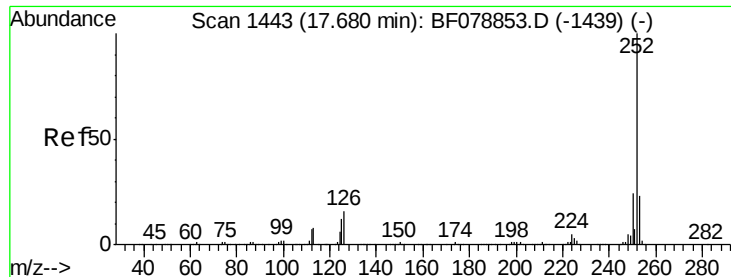
Tgt Ion: 276 Resp: 652575
 Ion Ratio Lower Upper
 276 100
 138 26.4 0.0 0.0#
 277 24.5 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.08 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF078942.D
 Acq: 5 May 2015 16:01

Tgt Ion: 264 Resp: 306197
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.2
 265 21.6 18.3 27.5

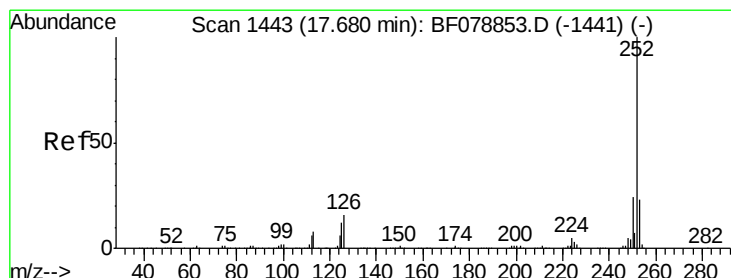
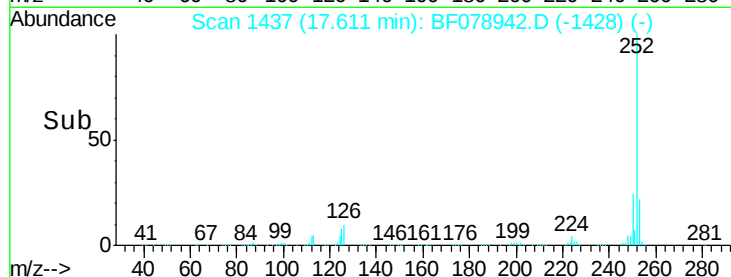
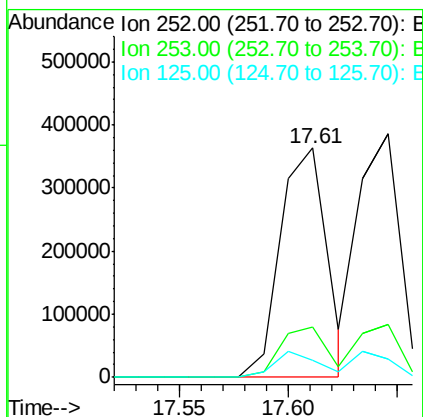
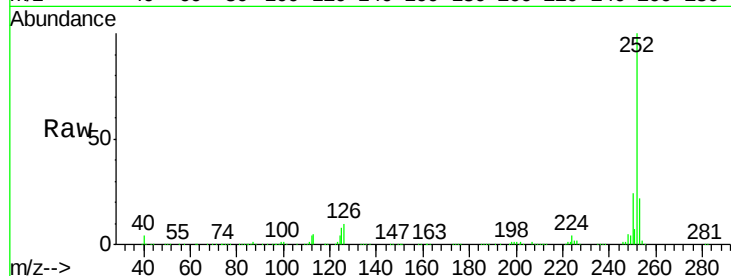




#87
Benzo(b)fluoranthene
Concen: 32.38 ng
RT: 17.61 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BF078942.D
Acq: 5 May 2015 16:01

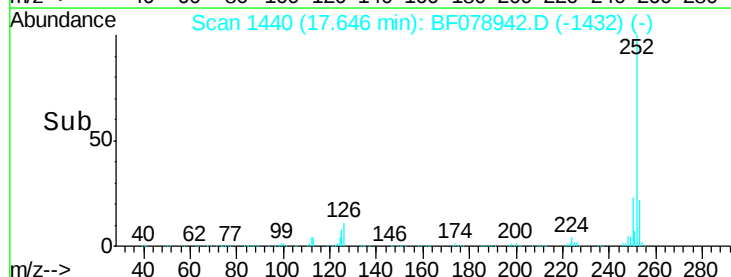
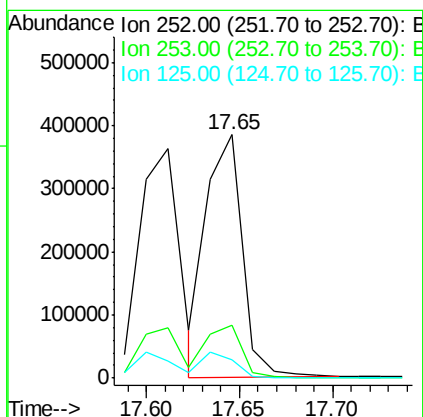
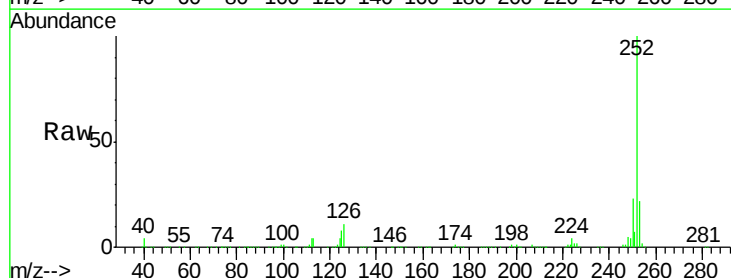
Instrument :
BNA_F
ClientSampleId :
B4(5-7)MS

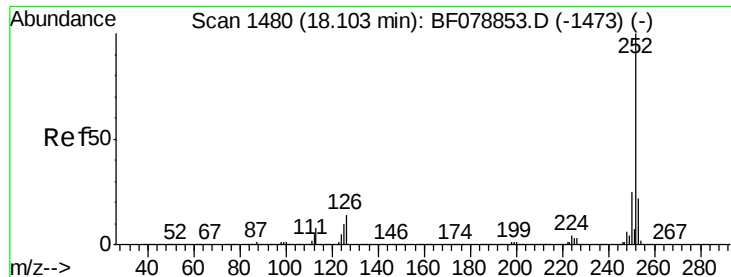
Tgt Ion:252 Resp: 542685
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 7.6 9.5 14.3#



#88
Benzo(k)fluoranthene
Concen: 31.85 ng
RT: 17.65 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF078942.D
Acq: 5 May 2015 16:01

Tgt Ion:252 Resp: 516717
Ion Ratio Lower Upper
252 100
253 21.6 18.1 27.1
125 7.7 10.0 15.0#





#89

Benzo(a)pyrene

Concen: 33.44 ng

RT: 18.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BF078942.D

Acq: 5 May 2015 16:01

Instrument :

BNA_F

ClientSampleId :

B4(5-7)MS

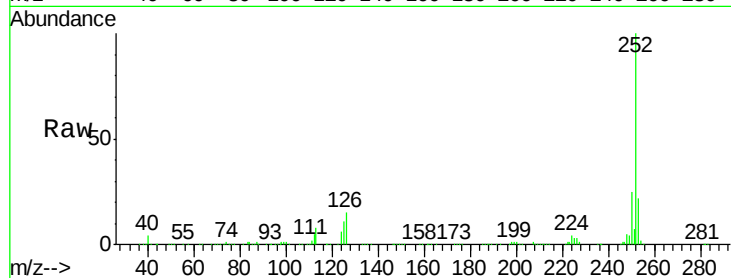
Tgt Ion:252 Resp: 516057

Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

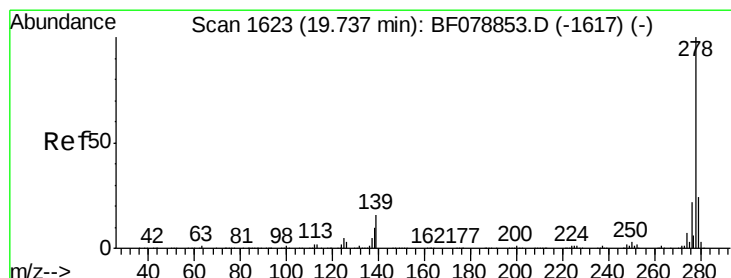
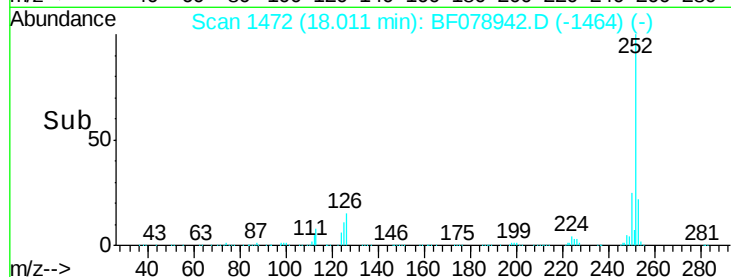
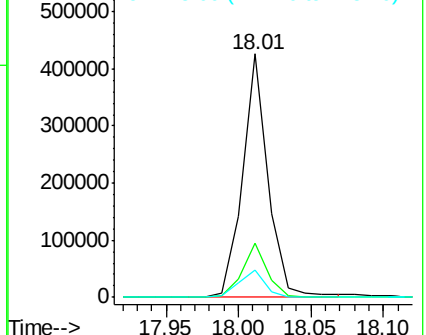
125 11.4 7.0 10.6#



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: 31.48 ng

RT: 19.62 min Scan# 1613

Delta R.T. -0.01 min

Lab File: BF078942.D

Acq: 5 May 2015 16:01

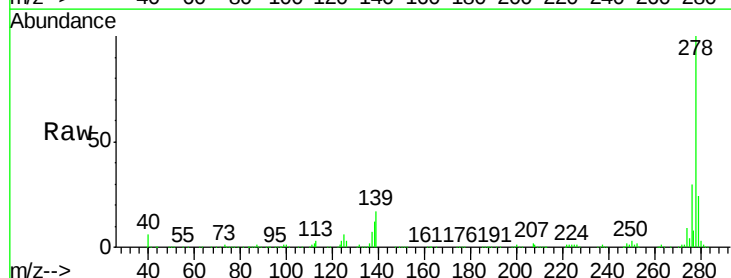
Tgt Ion:278 Resp: 516235

Ion Ratio Lower Upper

278 100

139 17.0 12.8 19.2

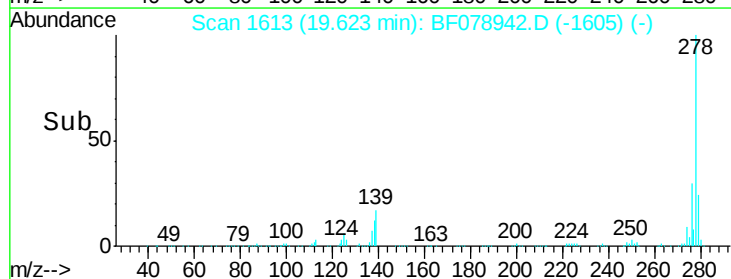
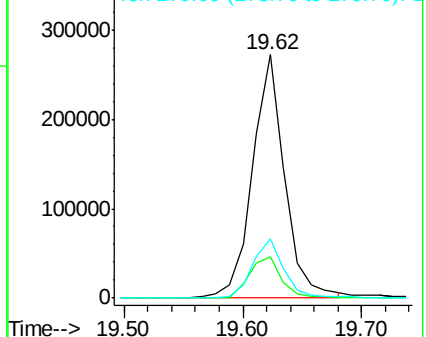
279 24.4 19.6 29.4

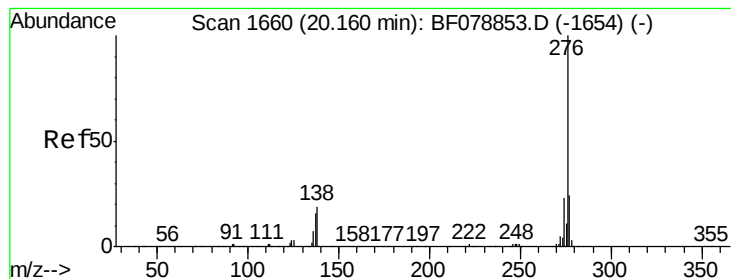


Abundance Ion 278.00 (277.70 to 278.70): E

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: 32.42 ng

RT: 20.03 min Scan# 1649

Delta R.T. -0.02 min

Lab File: BF078942.D

Acq: 5 May 2015 16:01

Instrument :

BNA_F

ClientSampleId :

B4(5-7)MS

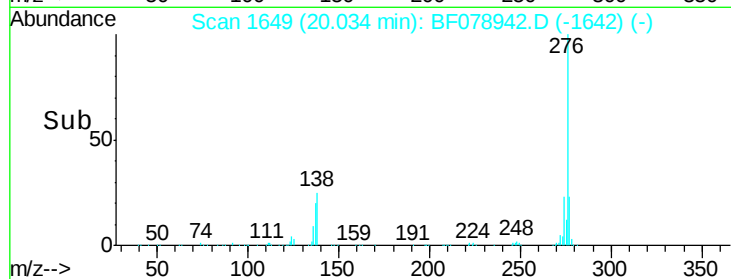
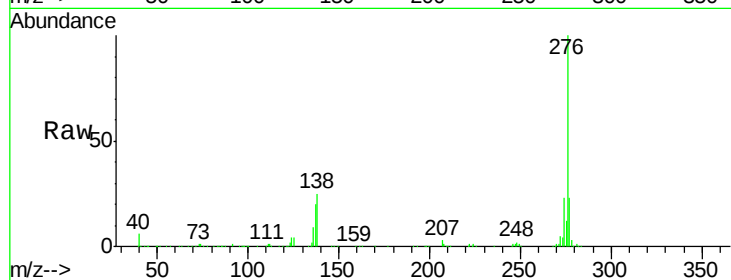
Tgt Ion: 276 Resp: 532906

Ion Ratio Lower Upper

276 100

277 23.4 18.6 28.0

138 24.8 17.4 26.0



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

