

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031715\
 Data File : BF077778.D
 Acq On : 17 Mar 2015 18:19
 Operator : TP/IZ
 Sample : PB82148BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82148BSD

Quant Time: Mar 18 00:07:31 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 00:52:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	37082	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	147381	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	73340	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	142077	20.00	ng	0.00
75) Chrysene-d12	16.03	240	152549	20.00	ng	0.00
86) Perylene-d12	17.79	264	153229	20.00	ng	0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	198817	93.59	ng	0.00
7) Phenol-d6	6.73	99	251831	95.95	ng	0.00
23) Nitrobenzene-d5	7.86	82	182074	80.98	ng	0.00
41) 2,4,6-Tribromophenol	11.88	330	64082	91.32	ng	-0.01
44) 2-Fluorobiphenyl	10.09	172	417710	83.70	ng	0.00
78) Terphenyl-d14	14.74	244	497191	79.61	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.06	88	35099	36.39	ng	# 100
3) Pyridine	2.75	79	95429	36.82	ng	99
4) n-Nitrosodimethylamine	2.67	42	50515	44.77	ng	84
6) Aniline	6.75	93	85990	22.90	ng	# 63
8) 2-Chlorophenol	6.89	128	121946	48.22	ng	99
9) Benzaldehyde	6.60	77	7414	6.89	ng	96
10) Phenol	6.74	94	144692	46.63	ng	91
11) bis(2-Chloroethyl)ether	6.85	93	111503	47.98	ng	99
12) 1,3-Dichlorobenzene	7.08	146	124711	44.34	ng	99
13) 1,4-Dichlorobenzene	7.18	146	124543	42.62	ng	99
14) 1,2-Dichlorobenzene	7.37	146	118814	44.35	ng	99
15) Benzyl Alcohol	7.34	79	95476	46.60	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.53	45	143864	45.94	ng	99
17) 2-Methylphenol	7.49	107	95613	46.45	ng	97
18) Hexachloroethane	7.78	117	41820	43.63	ng	98
19) n-Nitroso-di-n-propylamine	7.68	70	77942	42.93	ng	95
20) 3+4-Methylphenols	7.69	107	123804	45.83	ng	96
22) Acetophenone	7.66	105	159167	48.78	ng	# 98
24) Nitrobenzene	7.88	77	113275	46.77	ng	# 76
25) Isophorone	8.18	82	212093	46.71	ng	99
26) 2-Nitrophenol	8.27	139	58633	49.44	ng	93
27) 2,4-Dimethylphenol	8.34	122	111200	51.47	ng	97
28) bis(2-Chloroethoxy)methane	8.46	93	136141	49.40	ng	98
29) 2,4-Dichlorophenol	8.57	162	102672	49.86	ng	98
30) 1,2,4-Trichlorobenzene	8.67	180	104167	45.21	ng	98
31) Naphthalene	8.76	128	354601	46.85	ng	100
32) Benzoic acid	8.45	122	55553	46.22	ng	94
33) 4-Chloroaniline	8.84	127	81319	26.47	ng	96
34) Hexachlorobutadiene	8.92	225	58374	44.70	ng	96
35) Caprolactam	9.26	113	31085	51.65	ng	96
36) 4-Chloro-3-methylphenol	9.45	107	104438	50.41	ng	85
37) 2-Methylnaphthalene	9.62	142	237866	46.78	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.82	216	103415	47.28	ng	# 100
40) Hexachlorocyclopentadiene	9.81	237	104606	94.91	ng	99

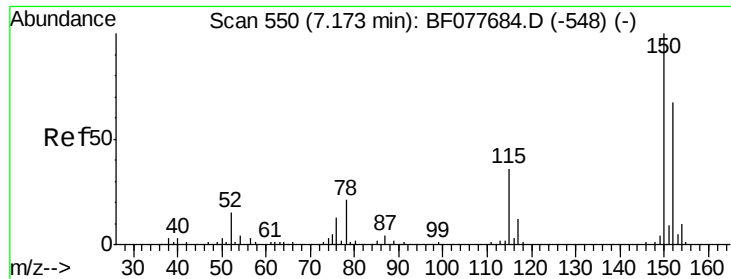
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031715\
 Data File : BF077778.D
 Acq On : 17 Mar 2015 18:19
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.97	196	71853	47.42	ng	96
43) 2,4,5-Trichlorophenol	10.02	196	78395	47.89	ng #	88
45) 1,1'-Biphenyl	10.20	154	282666	48.21	ng	98
46) 2-Chloronaphthalene	10.22	162	227659	47.78	ng	97
47) 2-Nitroaniline	10.35	65	59640	50.40	ng #	80
48) Acenaphthylene	10.73	152	357857	45.17	ng	99
49) Dimethylphthalate	10.59	163	258013	47.43	ng	100
50) 2,6-Dinitrotoluene	10.67	165	57360	50.87	ng #	71
51) Acenaphthene	10.95	154	207727	45.73	ng	98
52) 3-Nitroaniline	10.87	138	44475	33.96	ng	84
53) 2,4-Dinitrophenol	11.00	184	48398	113.13	ng #	78
54) Dibenzofuran	11.16	168	324219	48.12	ng	97
55) 4-Nitrophenol	11.09	139	102985	106.17	ng	94
56) 2,4-Dinitrotoluene	11.16	165	80044	54.44	ng #	77
57) Fluorene	11.59	166	257801	46.08	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.32	232	60756	48.20	ng #	100
59) Diethylphthalate	11.47	149	251585	47.47	ng	97
60) 4-Chlorophenyl-phenylether	11.60	204	120183	47.07	ng	94
61) 4-Nitroaniline	11.62	138	63635	48.76	ng	83
62) Azobenzene	11.79	77	242672	47.91	ng	95
64) 4,6-Dinitro-2-methylphenol	11.67	198	32274	48.10	ng #	68
65) n-Nitrosodiphenylamine	11.75	169	226446	47.87	ng	100
66) 4-Bromophenyl-phenylether	12.20	248	73333	48.37	ng #	89
67) Hexachlorobenzene	12.26	284	77348	46.43	ng #	90
68) Atrazine	12.42	200	66293	50.00	ng	95
69) Pentachlorophenol	12.51	266	87092	99.05	ng	98
70) Phenanthrene	12.77	178	393633	48.26	ng	99
71) Anthracene	12.84	178	400023	49.64	ng	100
72) Carbazole	13.05	167	399375	52.10	ng	99
73) Di-n-butylphthalate	13.51	149	412368	47.98	ng	99
74) Fluoranthene	14.25	202	431798	48.00	ng	97
76) Benzidine	14.43	184	173686	46.10	ng	98
77) Pyrene	14.52	202	456604	47.60	ng	99
79) Butylbenzylphthalate	15.37	149	185259	48.98	ng	96
80) Benzo(a)anthracene	16.02	228	436421	48.26	ng	99
81) 3,3'-Dichlorobenzidine	16.01	252	112918	37.85	ng #	98
82) Chrysene	16.07	228	417867	51.39	ng	100
83) Bis(2-ethylhexyl)phthalate	16.09	149	263925	46.07	ng #	95
84) Di-n-octyl phthalate	16.90	149	437421	44.65	ng	99
87) Benzo(b)fluoranthene	17.35	252	419661	41.95	ng #	97
88) Benzo(k)fluoranthene	17.38	252	430103	55.05	ng	98
89) Benzo(a)pyrene	17.73	252	418150	50.10	ng #	98
90) Dibenzo(a,h)anthracene	19.23	278	387122	46.76	ng	98
91) Benzo(g,h,i)perylene	19.61	276	405112	48.07	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.16 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF077778.D

Acq: 17 Mar 2015 18:19

Instrument :

BNA_F

ClientSampleId :

PB82148BSD

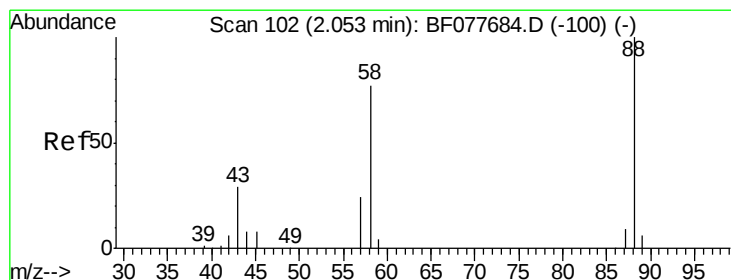
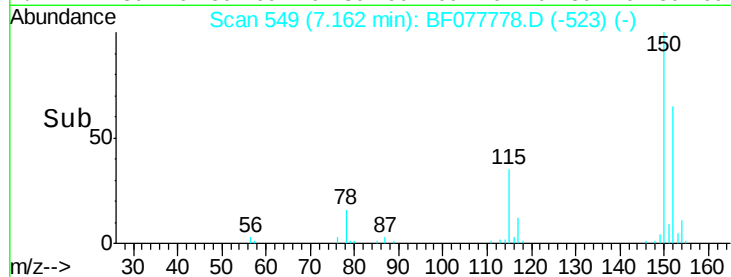
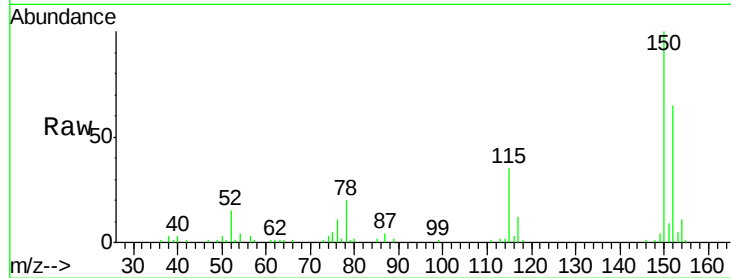
Tgt Ion:152 Resp: 37082

Ion Ratio Lower Upper

152 100

150 154.9 119.5 179.3

115 54.2 43.0 64.4



#2

1,4-Dioxane

Concen: 36.39 ng

RT: 2.06 min Scan# 103

Delta R.T. 0.02 min

Lab File: BF077778.D

Acq: 17 Mar 2015 18:19

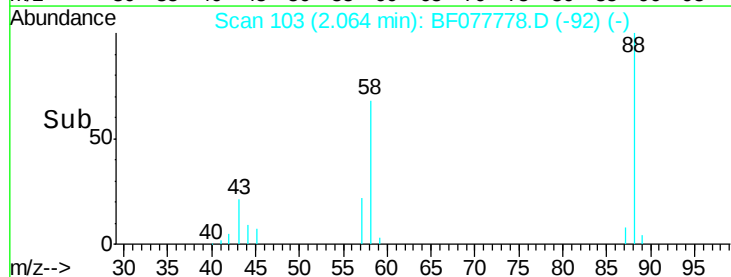
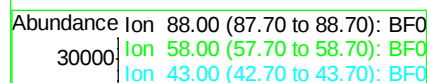
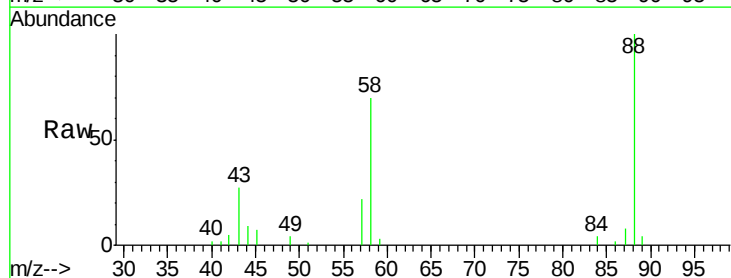
Tgt Ion: 88 Resp: 35099

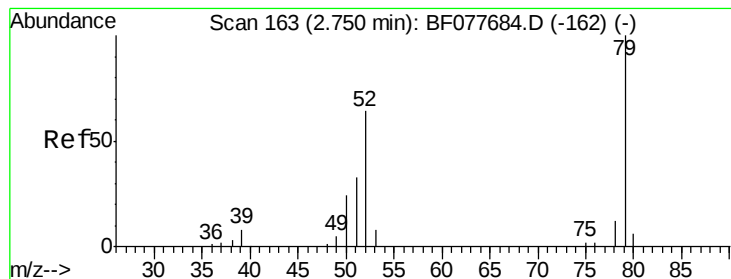
Ion Ratio Lower Upper

88 100

58 78.8 0.0 0.0#

43 35.8 0.0 0.0#





#3

Pyridine

Concen: 36.82 ng

RT: 2.75 min Scan# 163

Delta R.T. 0.02 min

Lab File: BF077778.D

Acq: 17 Mar 2015 18:19

Instrument :

BNA_F

ClientSampleId :

PB82148BSD

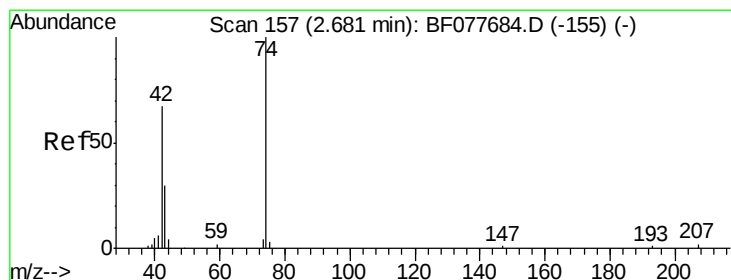
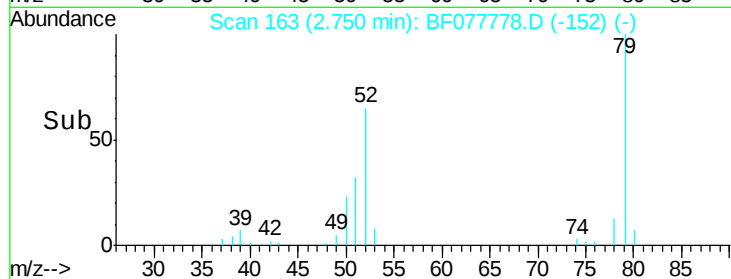
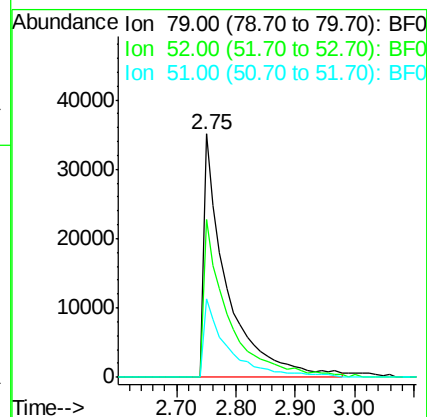
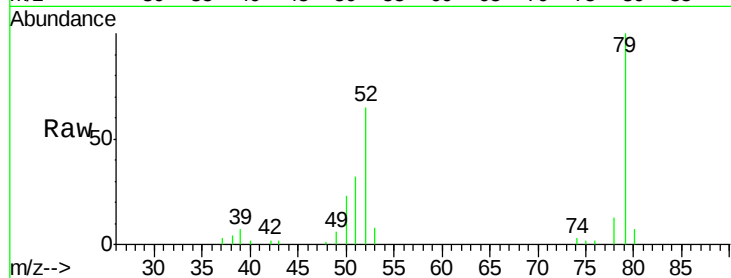
Tgt Ion: 79 Resp: 95429

Ion Ratio Lower Upper

79 100

52 64.8 51.1 76.7

51 32.0 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 44.77 ng

RT: 2.67 min Scan# 156

Delta R.T. 0.01 min

Lab File: BF077778.D

Acq: 17 Mar 2015 18:19

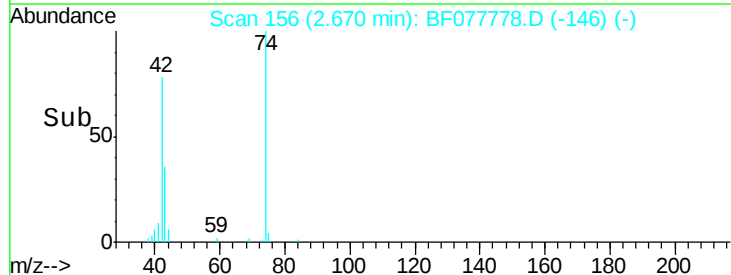
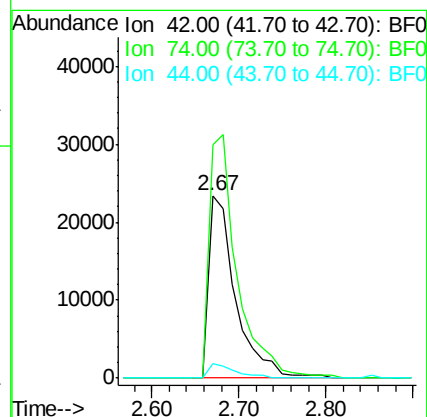
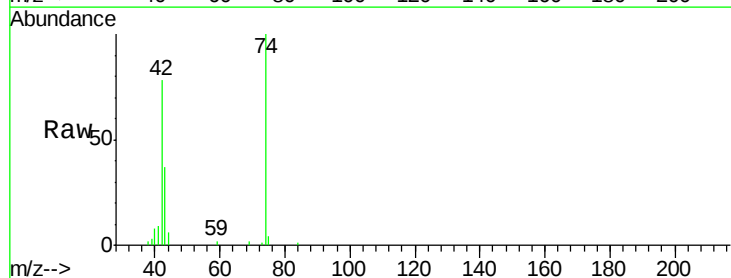
Tgt Ion: 42 Resp: 50515

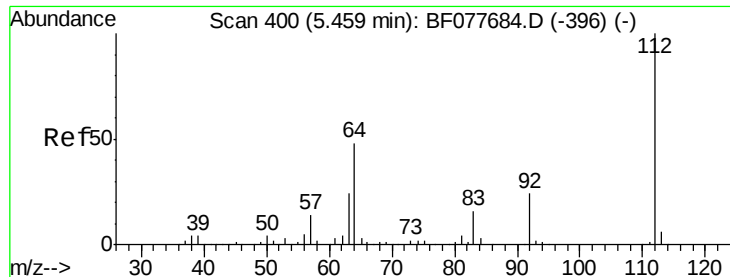
Ion Ratio Lower Upper

42 100

74 127.8 119.3 178.9

44 8.1 5.4 8.2





#5

2-Fluorophenol

Concen: 93.59 ng

RT: 5.45 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF077778.D

Acq: 17 Mar 2015 18:19

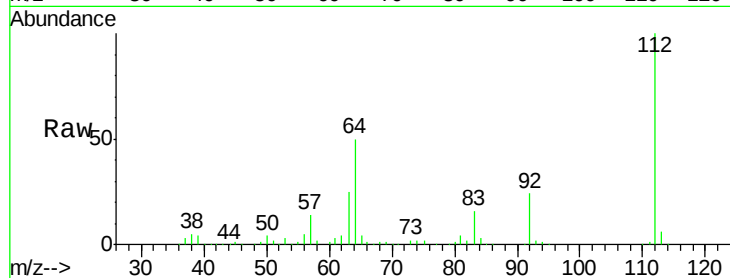
Instrument :

BNA_F

ClientSampleId :

PB82148BSD

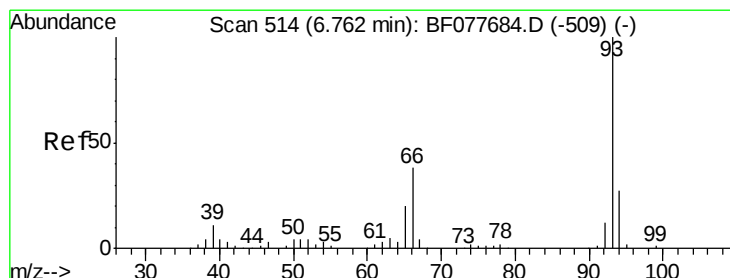
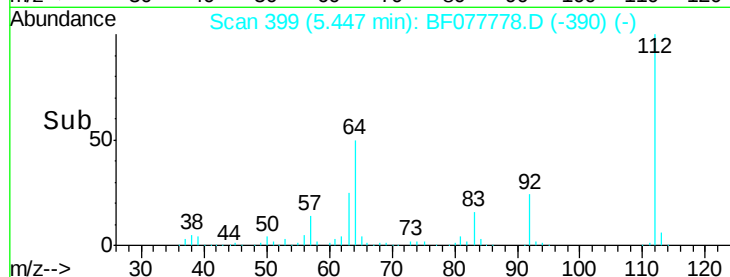
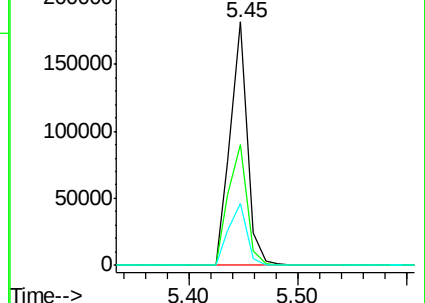
Tgt Ion:	112	Resp:	198817
Ion	Ratio	Lower	Upper
112	100		
64	49.7	38.6	57.8
63	25.2	19.3	28.9



Abundance Ion 112.00 (111.70 to 112.70): BF077778.D (-396) (-)

Ion 64.00 (63.70 to 64.70): BF077778.D (-396) (-)

Ion 63.00 (62.70 to 63.70): BF077778.D (-396) (-)



#6

Aniline

Concen: 22.90 ng

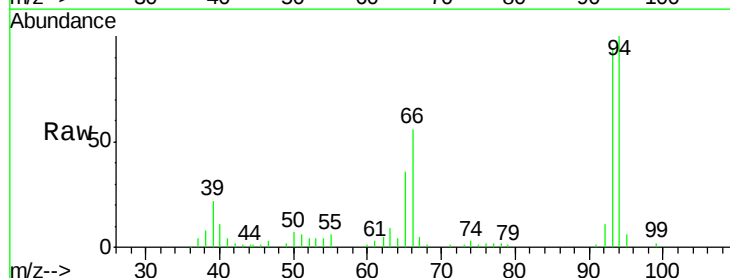
RT: 6.75 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF077778.D

Acq: 17 Mar 2015 18:19

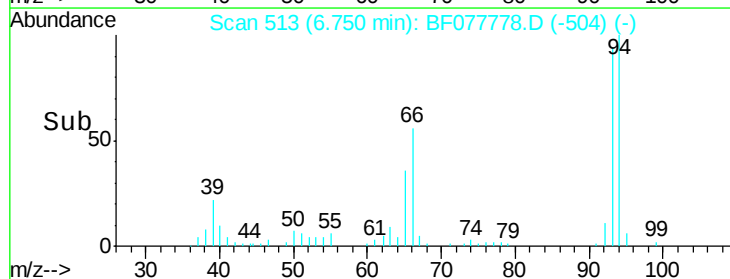
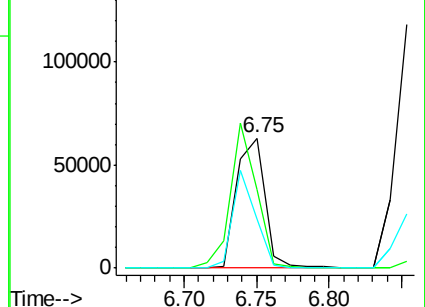
Tgt Ion:	93	Resp:	85990
Ion	Ratio	Lower	Upper
93	100		
66	60.2	30.8	46.2#
65	38.0	16.0	24.0#

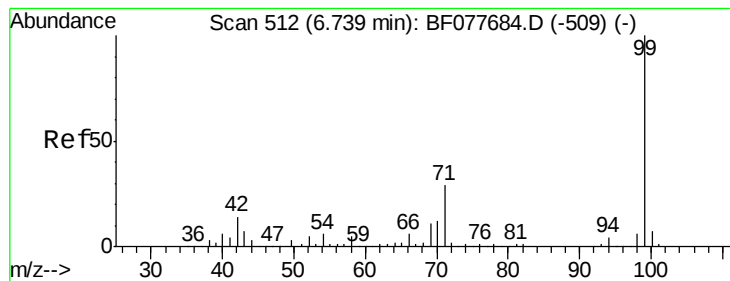


Abundance Ion 93.00 (92.70 to 93.70): BF077778.D (-509) (-)

Ion 66.00 (65.70 to 66.70): BF077778.D (-509) (-)

Ion 65.00 (64.70 to 65.70): BF077778.D (-509) (-)





#7

Phenol-d6

Concen: 95.95 ng

RT: 6.73 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF077778.D

Acq: 17 Mar 2015 18:19

Instrument :

BNA_F

ClientSampleId :

PB82148BSD

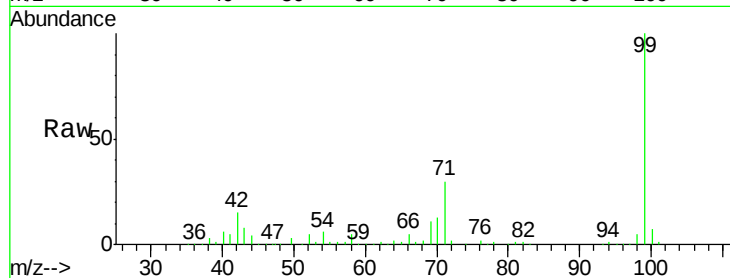
Tgt Ion: 99 Resp: 251831

Ion Ratio Lower Upper

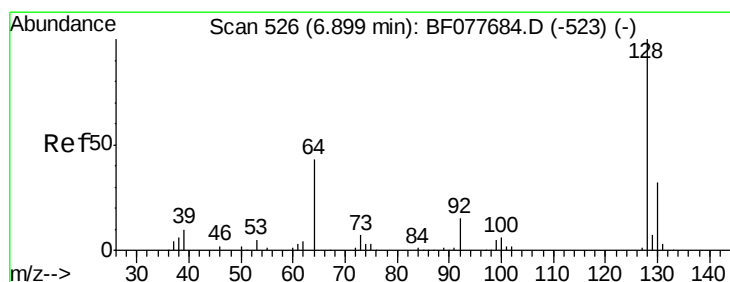
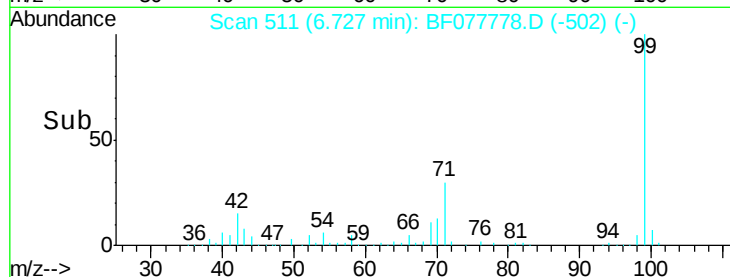
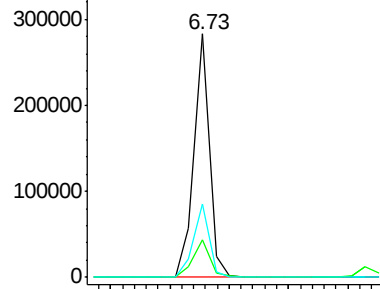
99 100

42 15.5 11.0 16.4

71 30.3 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: 48.22 ng

RT: 6.89 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF077778.D

Acq: 17 Mar 2015 18:19

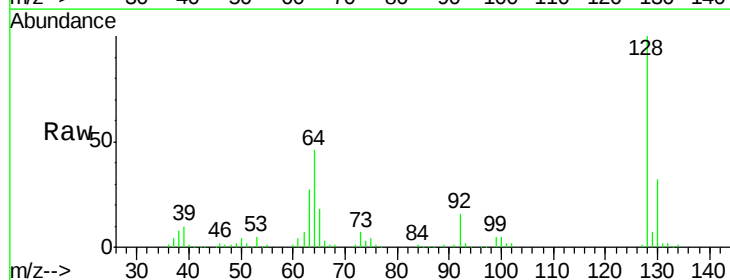
Tgt Ion: 128 Resp: 121946

Ion Ratio Lower Upper

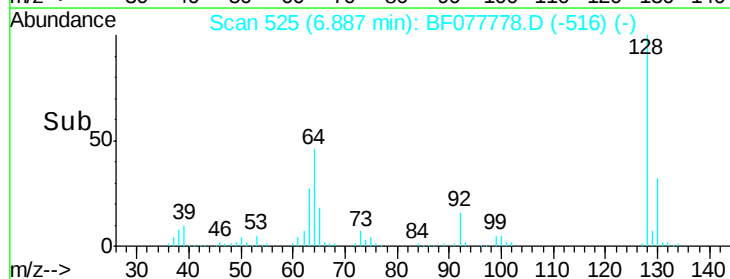
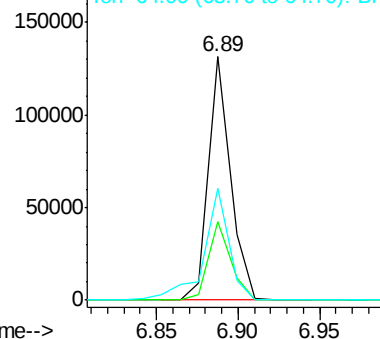
128 100

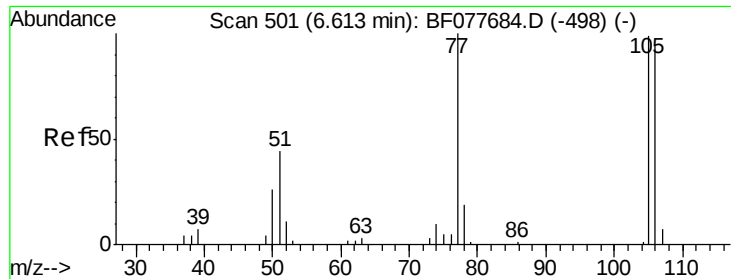
130 32.2 12.0 52.0

64 45.8 24.9 64.9



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: 6.89 ng

RT: 6.60 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF077778.D

Acq: 17 Mar 2015 18:19

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PB82148BSD

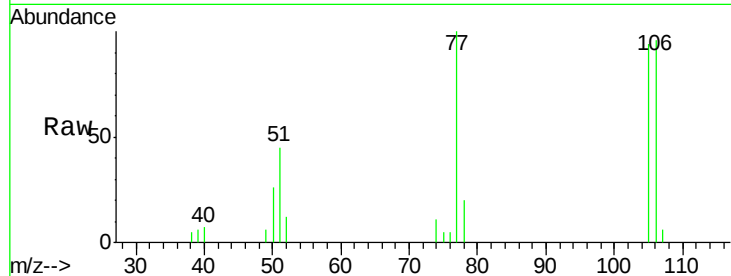
Tgt Ion: 77 Resp: 7414

Ion Ratio Lower Upper

77 100

105 94.1 78.8 118.8

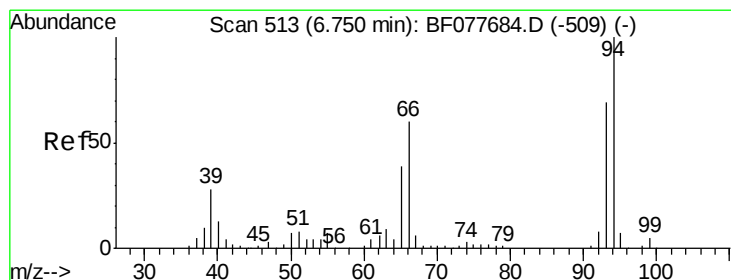
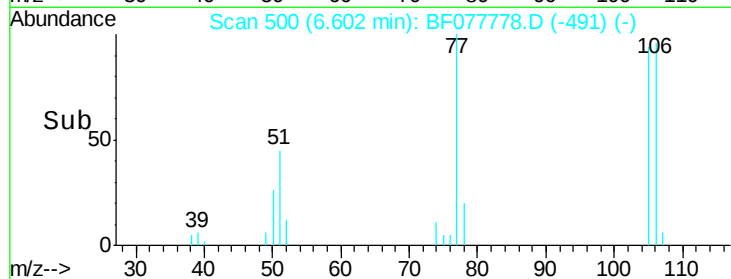
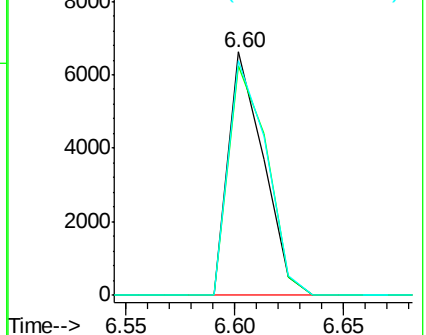
106 96.4 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 46.63 ng

RT: 6.74 min Scan# 512

Delta R.T. -0.01 min

Lab File: BF077778.D

Acq: 17 Mar 2015 18:19

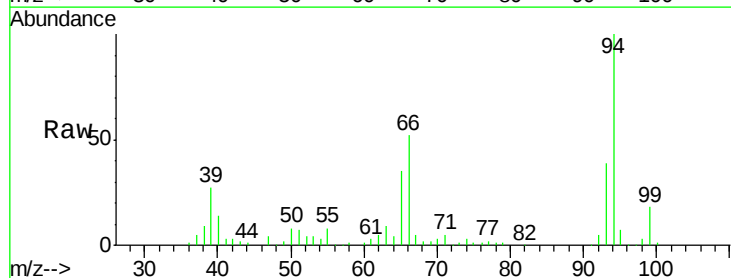
Tgt Ion: 94 Resp: 144692

Ion Ratio Lower Upper

94 100

65 34.7 18.8 58.8

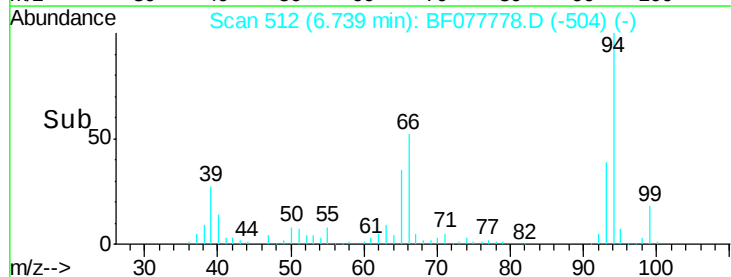
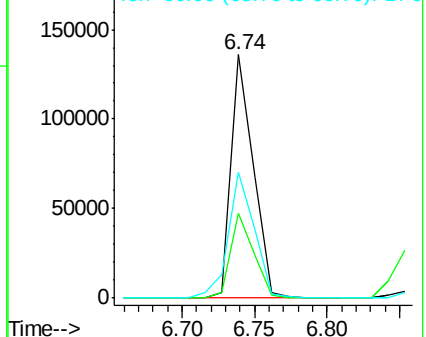
66 51.7 39.9 79.9

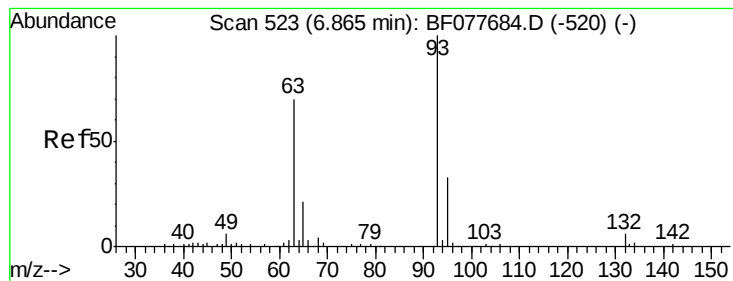


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 47.98 ng

RT: 6.85 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF077778.D

Acq: 17 Mar 2015 18:19

Instrument :

BNA_F

ClientSampleId :

PB82148BSD

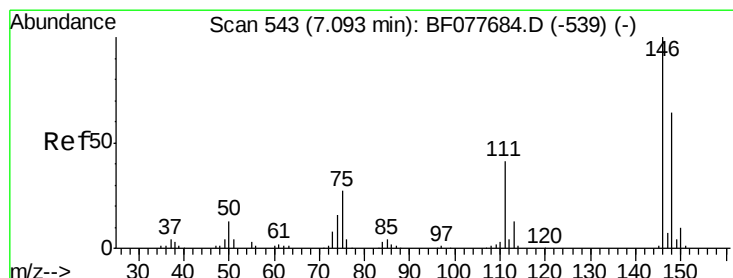
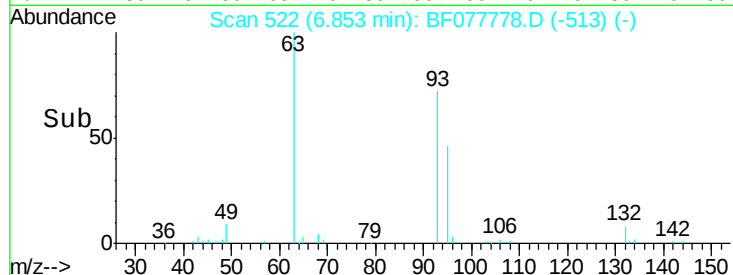
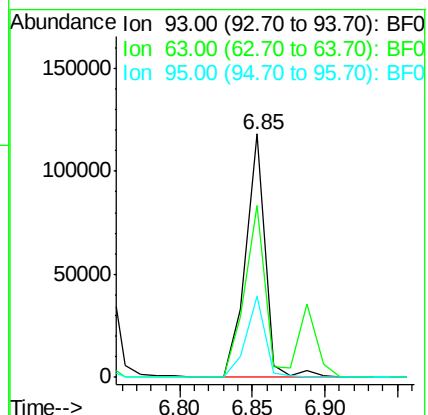
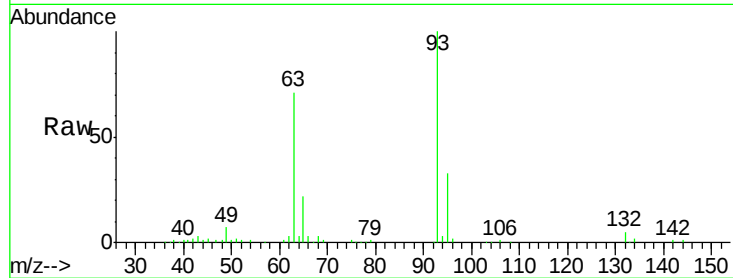
Tgt Ion: 93 Resp: 111503

Ion Ratio Lower Upper

93 100

63 70.5 49.5 89.5

95 33.4 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 44.34 ng

RT: 7.08 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF077778.D

Acq: 17 Mar 2015 18:19

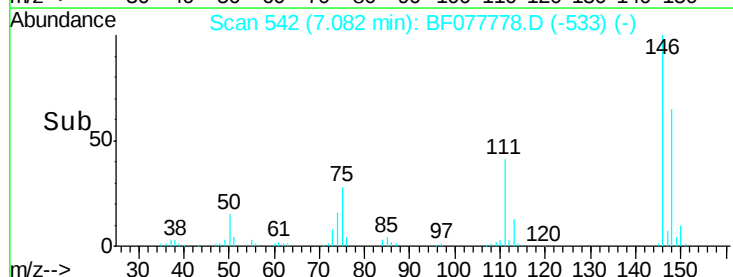
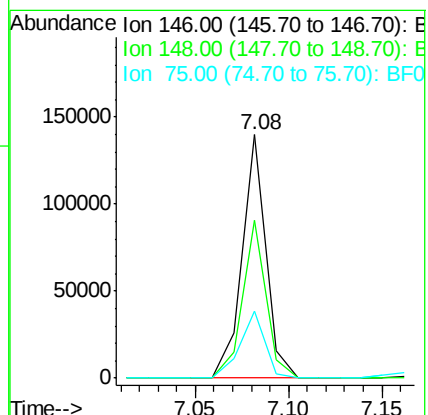
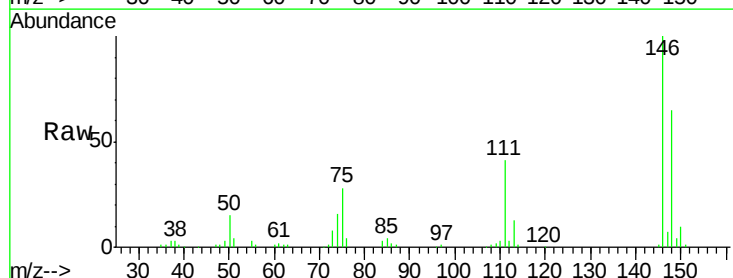
Tgt Ion: 146 Resp: 124711

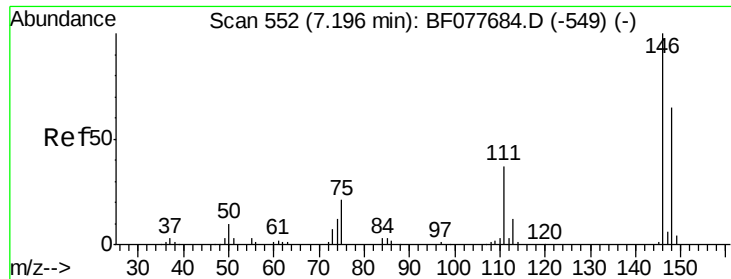
Ion Ratio Lower Upper

146 100

148 64.7 50.9 76.3

75 27.6 21.4 32.2

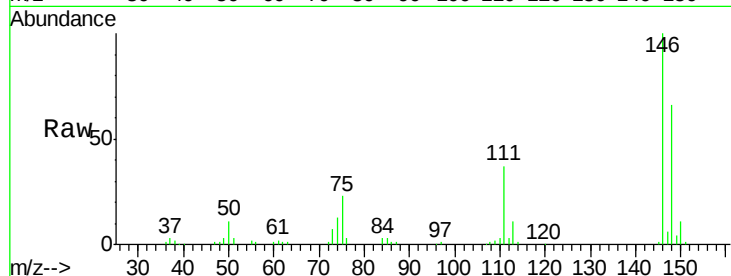




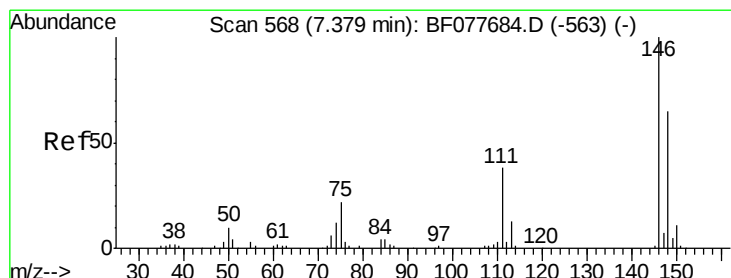
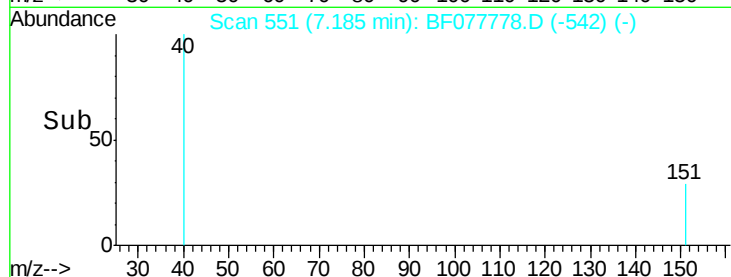
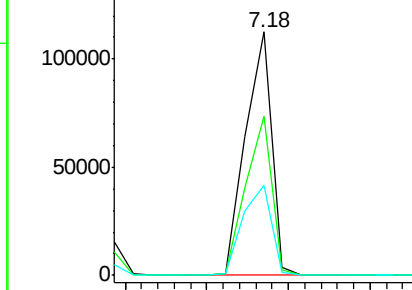
#13
 1,4-Dichlorobenzene
 Concen: 42.62 ng
 RT: 7.18 min Scan# 551
 Delta R.T. 0.00 min
 Lab File: BF077778.D
 Acq: 17 Mar 2015 18:19

Instrument :
 BNA_F
 ClientSampleId :
 PB82148BSD

Tgt Ion:146 Resp: 124543
 Ion Ratio Lower Upper
 146 100
 148 65.5 51.9 77.9
 111 37.2 29.2 43.8

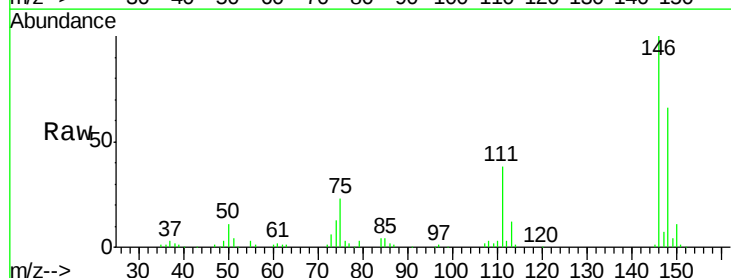


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

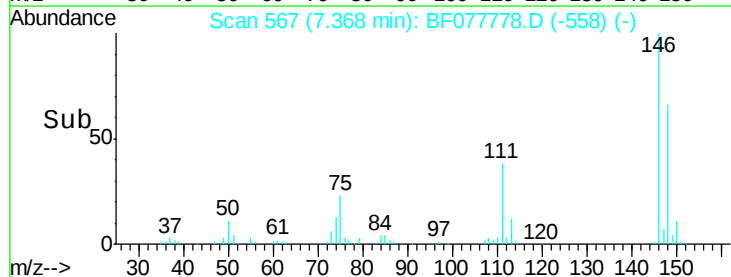
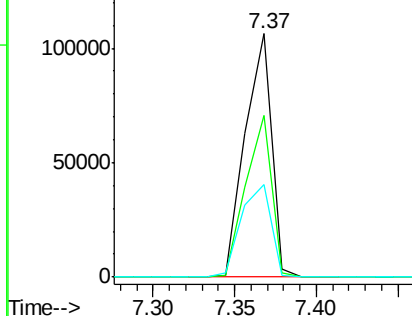


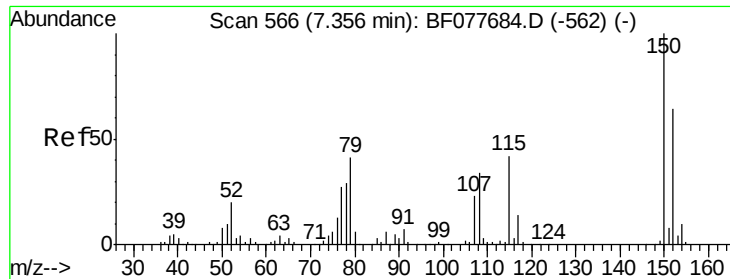
#14
 1,2-Dichlorobenzene
 Concen: 44.35 ng
 RT: 7.37 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: BF077778.D
 Acq: 17 Mar 2015 18:19

Tgt Ion:146 Resp: 118814
 Ion Ratio Lower Upper
 146 100
 148 66.2 52.3 78.5
 111 38.0 30.6 45.8



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

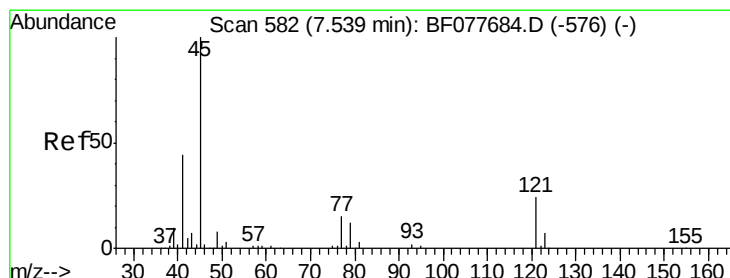
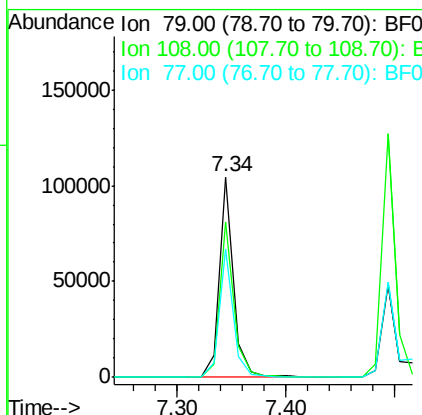
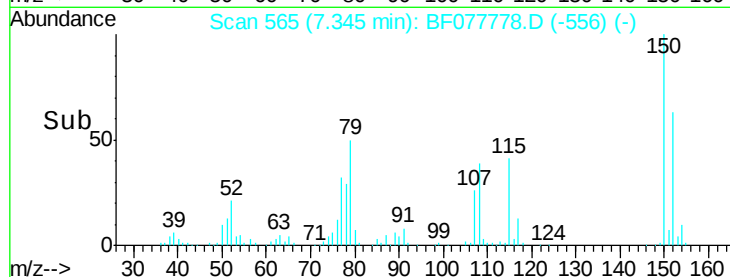
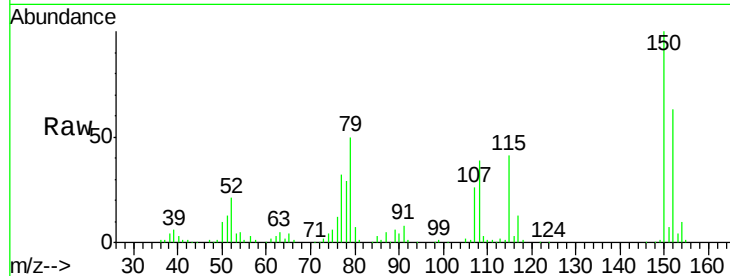




#15
Benzyl Alcohol
Concen: 46.60 ng
RT: 7.34 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF077778.D
Acq: 17 Mar 2015 18:19

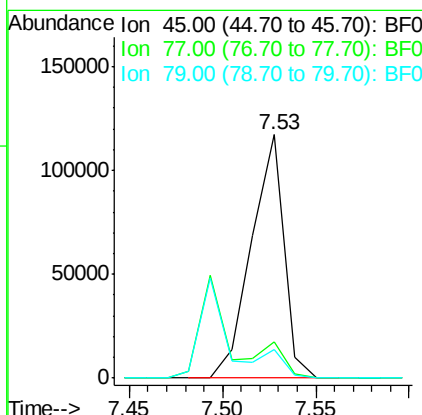
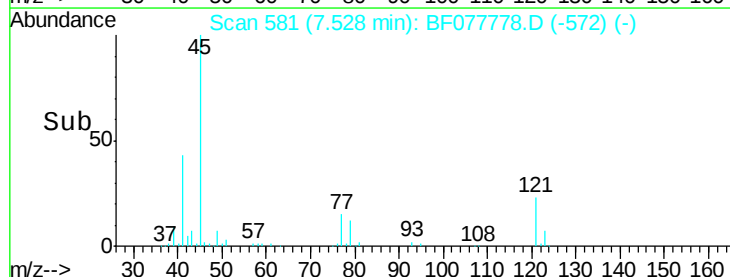
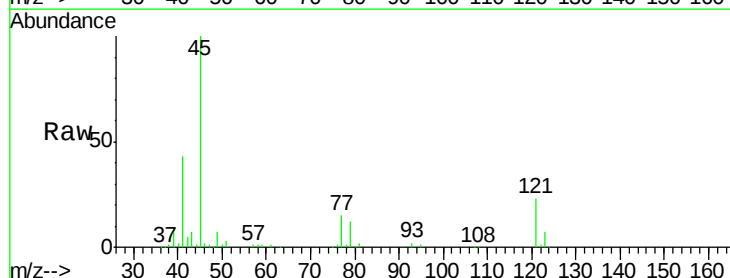
Instrument :
BNA_F
ClientSampleId :
PB82148BSD

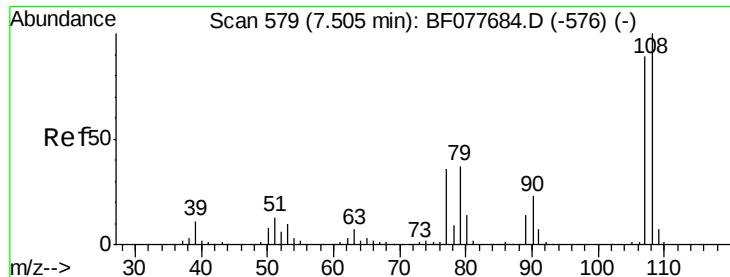
Tgt Ion: 79 Resp: 95476
Ion Ratio Lower Upper
79 100
108 77.9 65.0 97.4
77 63.9 53.0 79.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 45.94 ng
RT: 7.53 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF077778.D
Acq: 17 Mar 2015 18:19

Tgt Ion: 45 Resp: 143864
Ion Ratio Lower Upper
45 100
77 14.9 0.0 35.2
79 11.9 0.0 32.0

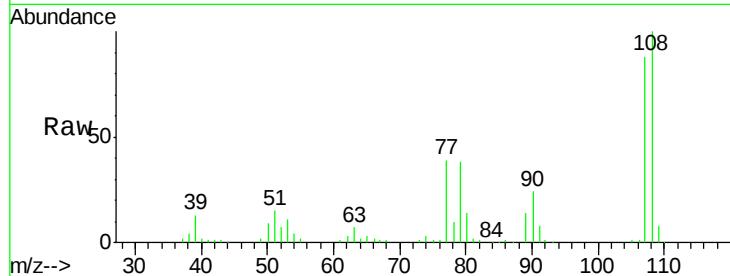




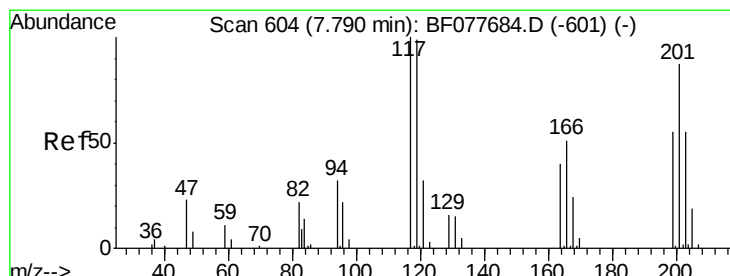
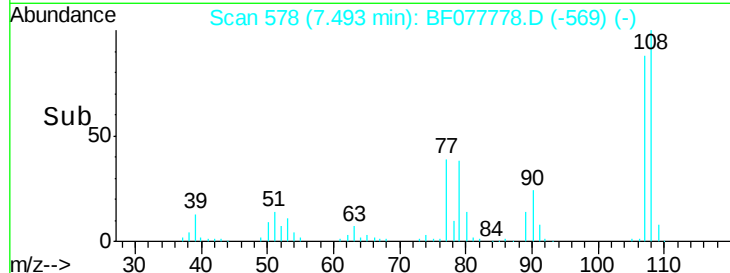
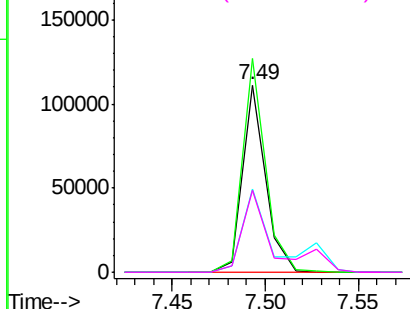
#17
2-Methylphenol
Concen: 46.45 ng
RT: 7.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF077778.D
Acq: 17 Mar 2015 18:19

Instrument :
BNA_F
ClientSampleId :
PB82148BSD

Tgt Ion:107 Resp: 95613
Ion Ratio Lower Upper
107 100
108 113.9 89.8 134.8
77 44.7 32.6 48.8
79 43.5 32.8 49.2

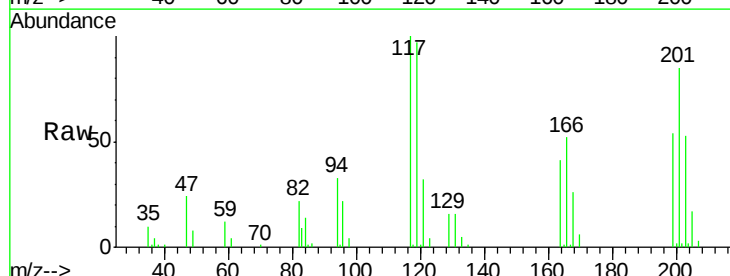


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

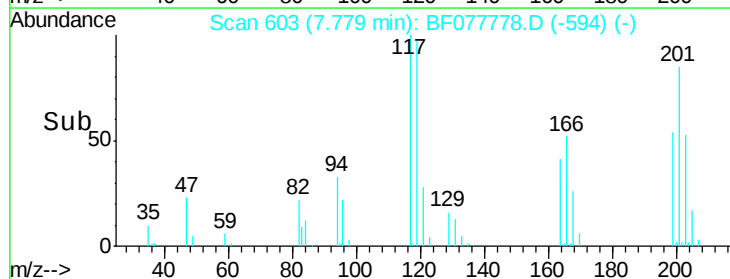
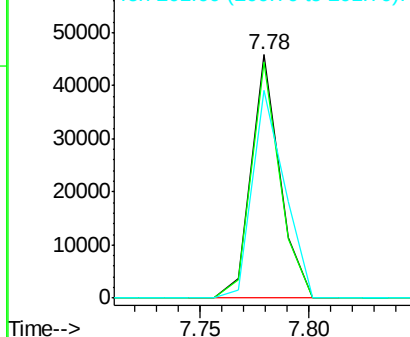


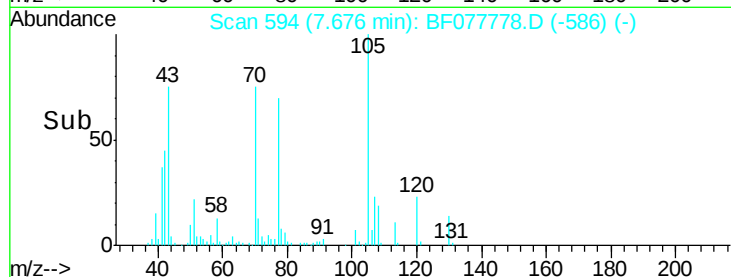
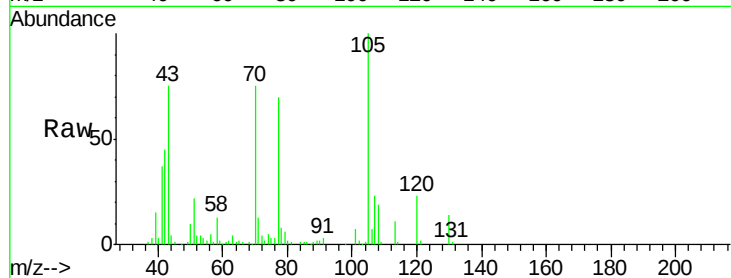
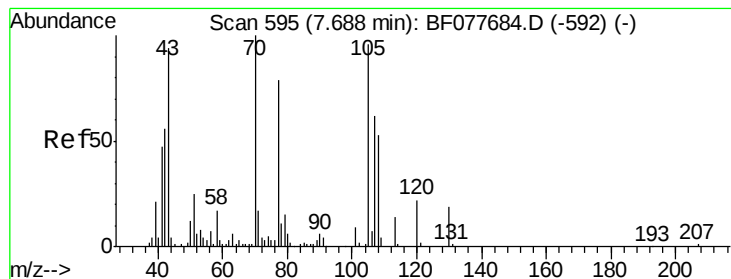
#18
Hexachloroethane
Concen: 43.63 ng
RT: 7.78 min Scan# 603
Delta R.T. 0.00 min
Lab File: BF077778.D
Acq: 17 Mar 2015 18:19

Tgt Ion:117 Resp: 41820
Ion Ratio Lower Upper
117 100
119 97.2 79.2 118.8
201 85.1 69.8 104.6



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: 42.93 ng

RT: 7.68 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF077778.D

Acq: 17 Mar 2015 18:19

Instrument :

BNA_F

ClientSampleId :

PB82148BSD

Tgt Ion: 70 Resp: 77942

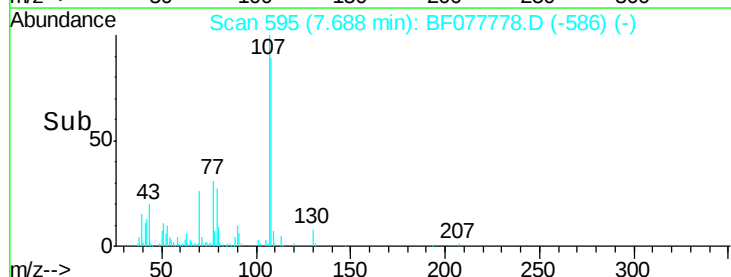
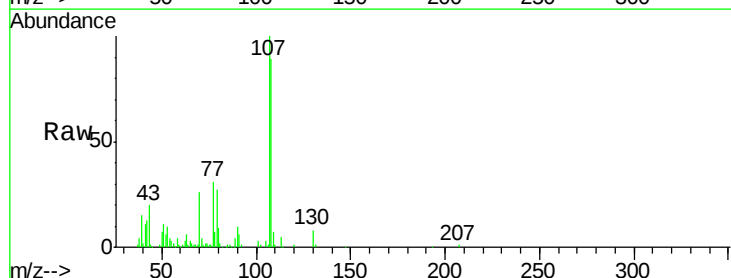
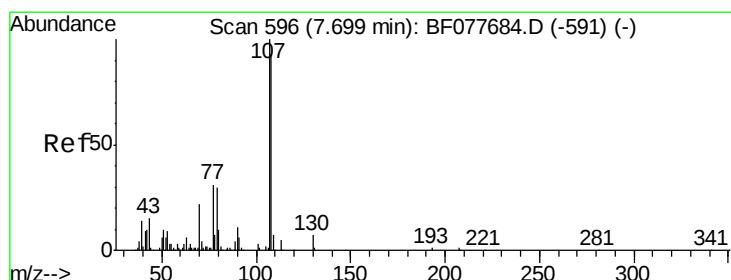
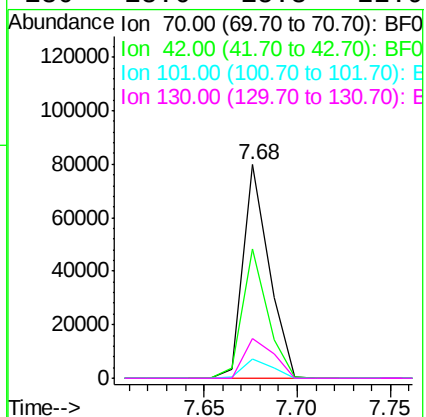
Ion Ratio Lower Upper

70 100

42 60.4 44.5 66.7

101 9.0 7.4 11.2

130 18.6 15.3 22.9



#20

3+4-Methylphenols

Concen: 45.83 ng

RT: 7.69 min Scan# 595

Delta R.T. 0.00 min

Lab File: BF077778.D

Acq: 17 Mar 2015 18:19

Tgt Ion: 107 Resp: 123804

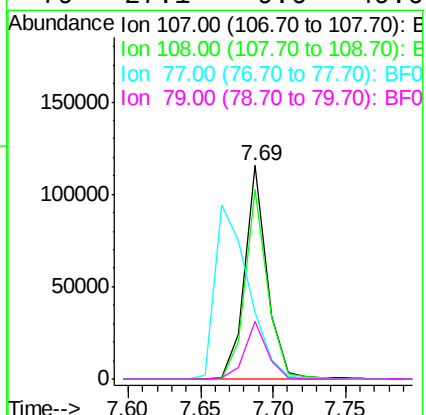
Ion Ratio Lower Upper

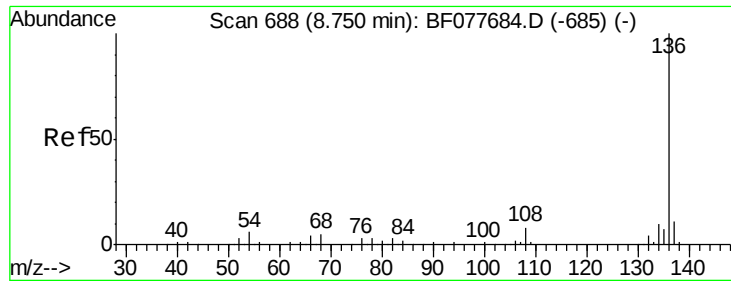
107 100

108 88.8 73.2 113.2

77 31.0 10.7 50.7

79 27.1 9.6 49.6

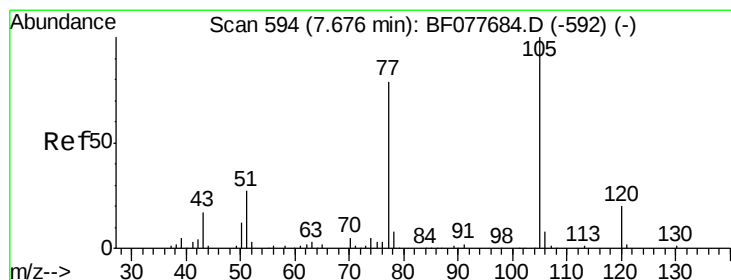
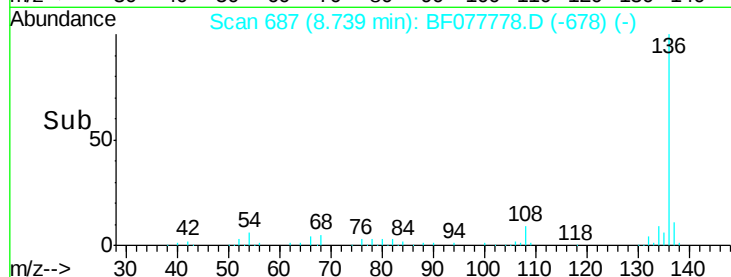
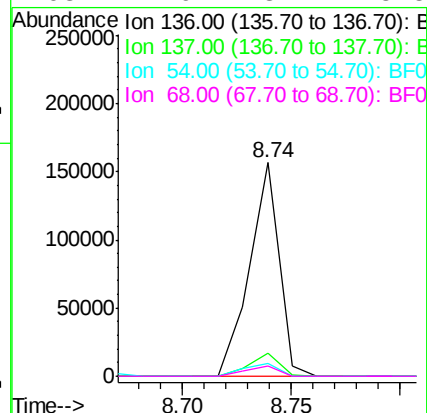
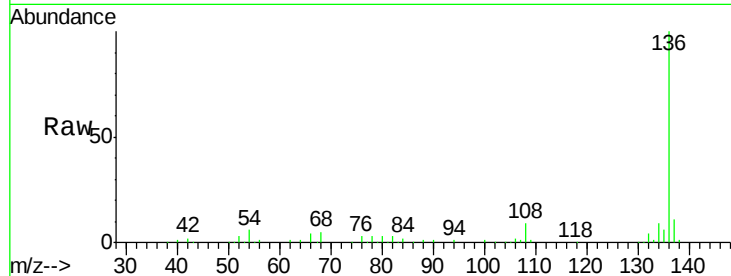




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.74 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF077778.D
Acq: 17 Mar 2015 18:19

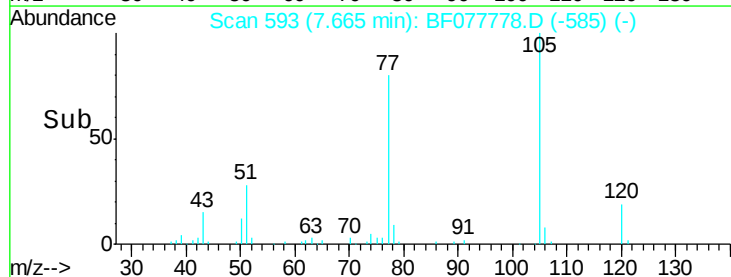
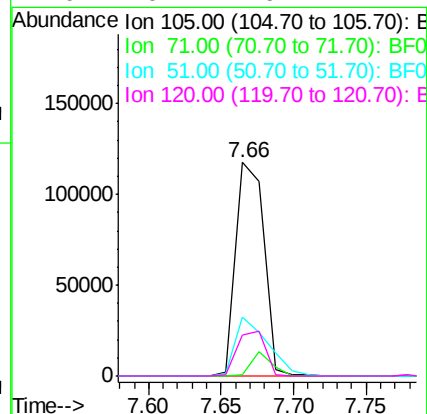
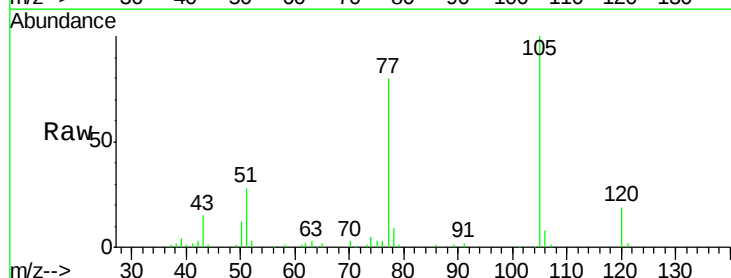
Instrument :
BNA_F
ClientSampleId :
PB82148BSD

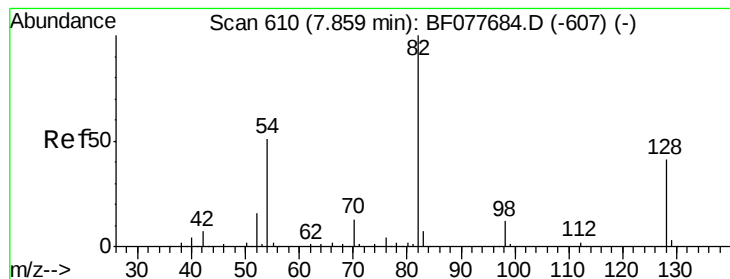
Tgt Ion:	136	Resp:	147381
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	6.2	4.6	6.8
68	4.9	3.7	5.5



#22
Acetophenone
Concen: 48.78 ng
RT: 7.66 min Scan# 593
Delta R.T. -0.01 min
Lab File: BF077778.D
Acq: 17 Mar 2015 18:19

Tgt Ion:	105	Resp:	159167
Ion	Ratio	Lower	Upper
105	100		
71	0.5	0.6	1.0#
51	27.8	21.6	32.4
120	19.4	16.1	24.1





#23

Nitrobenzene-d5

Concen: 80.98 ng

RT: 7.86 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF077778.D

Acq: 17 Mar 2015 18:19

Instrument :

BNA_F

ClientSampleId :

PB82148BSD

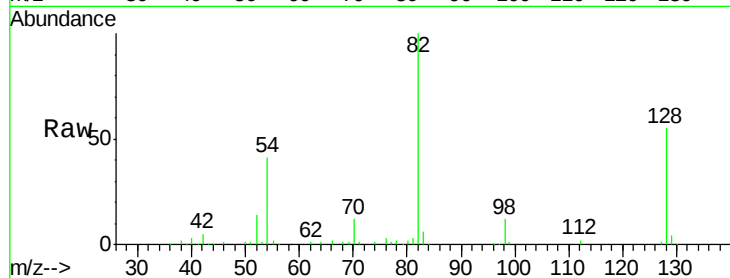
Tgt Ion: 82 Resp: 182074

Ion Ratio Lower Upper

82 100

128 54.9 32.8 49.2#

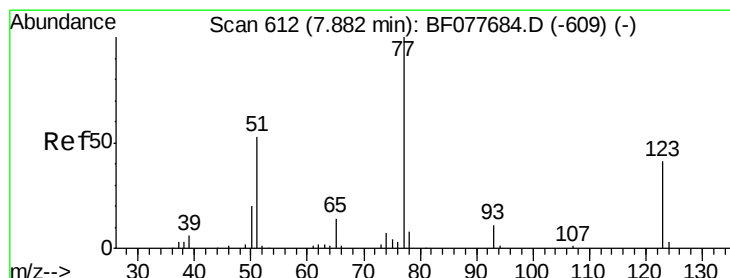
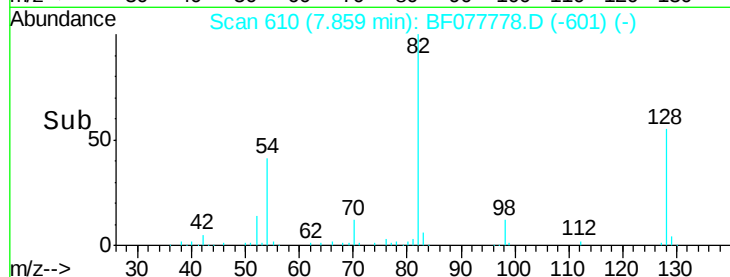
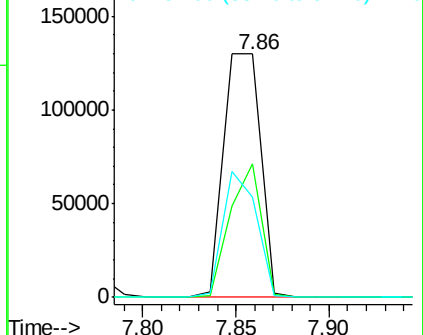
54 41.1 40.6 60.8



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: 46.77 ng

RT: 7.88 min Scan# 612

Delta R.T. 0.00 min

Lab File: BF077778.D

Acq: 17 Mar 2015 18:19

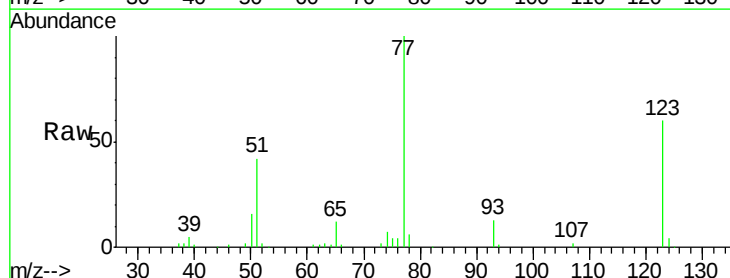
Tgt Ion: 77 Resp: 113275

Ion Ratio Lower Upper

77 100

123 59.9 32.6 49.0#

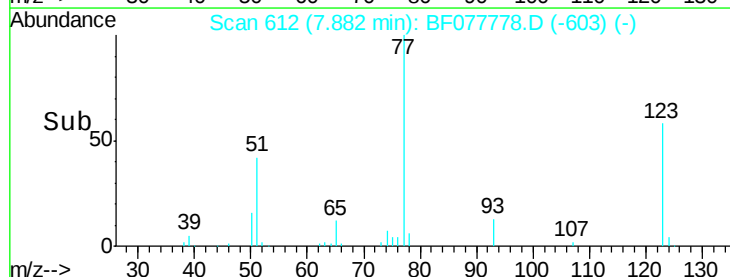
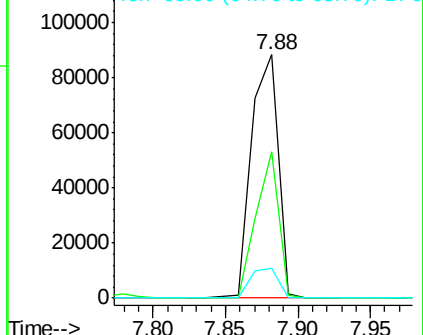
65 12.2 10.9 16.3

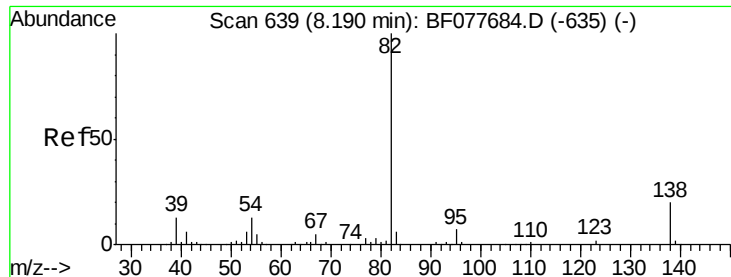


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 46.71 ng

RT: 8.18 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF077778.D

Acq: 17 Mar 2015 18:19

Instrument :

BNA_F

ClientSampleId :

PB82148BSD

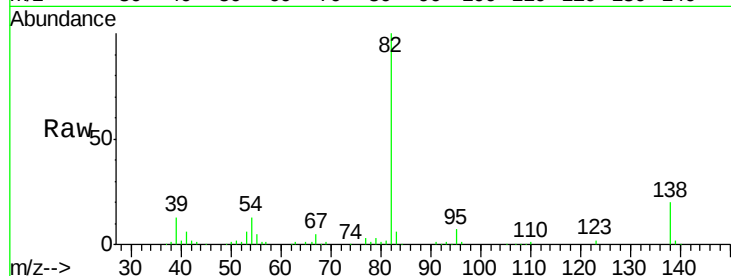
Tgt Ion: 82 Resp: 212093

Ion Ratio Lower Upper

82 100

95 6.7 5.8 8.6

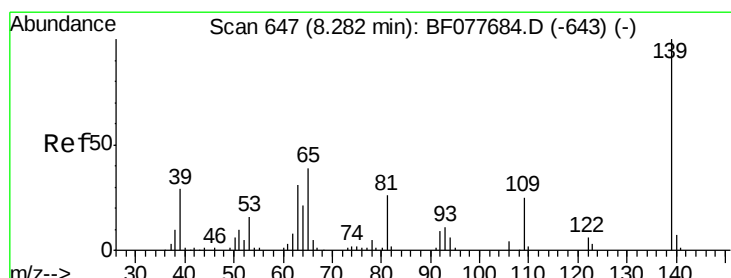
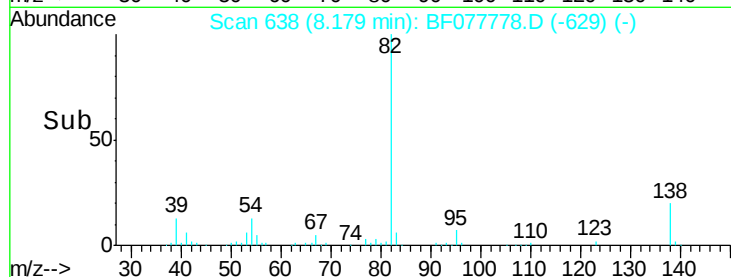
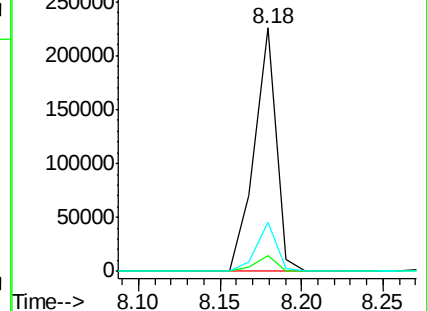
138 19.9 16.3 24.5



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: 49.44 ng

RT: 8.27 min Scan# 646

Delta R.T. 0.00 min

Lab File: BF077778.D

Acq: 17 Mar 2015 18:19

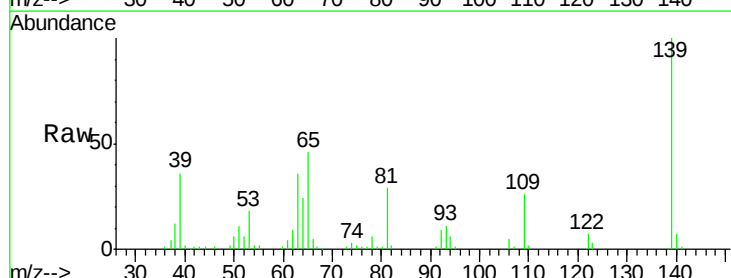
Tgt Ion: 139 Resp: 58633

Ion Ratio Lower Upper

139 100

109 26.0 20.1 30.1

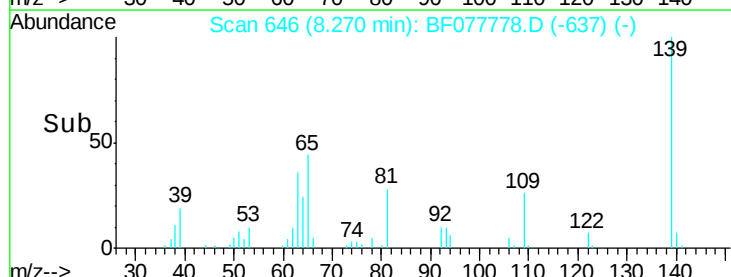
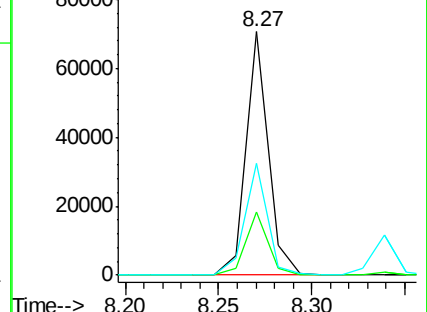
65 45.7 31.5 47.3

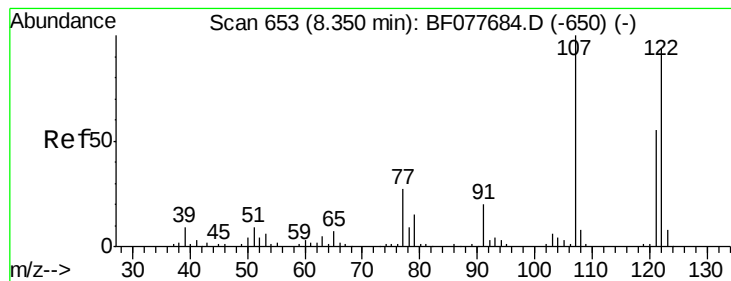


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 51.47 ng

RT: 8.34 min Scan# 652

Delta R.T. 0.00 min

Lab File: BF077778.D

Acq: 17 Mar 2015 18:19

Instrument :

BNA_F

ClientSampleId :

PB82148BSD

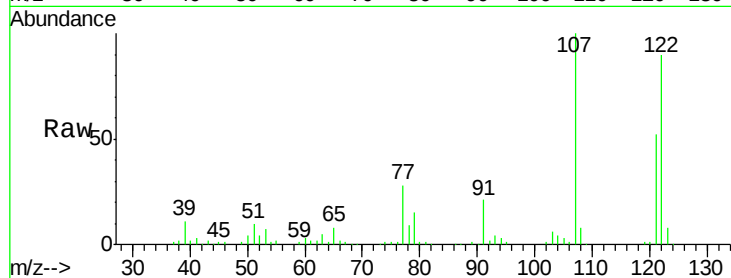
Tgt Ion:122 Resp: 111200

Ion Ratio Lower Upper

122 100

107 111.2 84.7 127.1

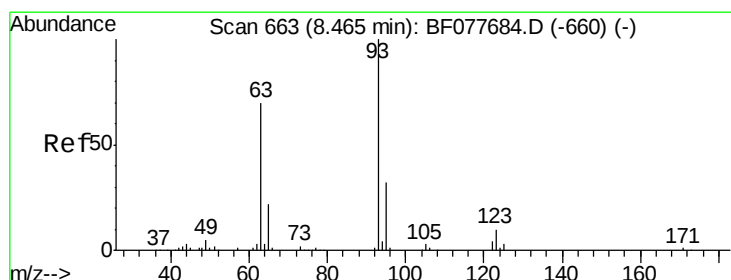
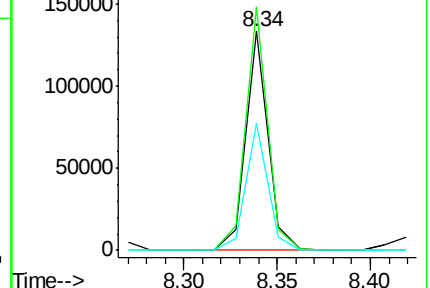
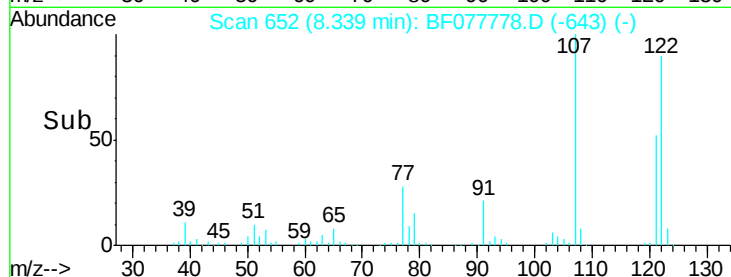
121 58.0 46.6 69.8



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: 49.40 ng

RT: 8.46 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF077778.D

Acq: 17 Mar 2015 18:19

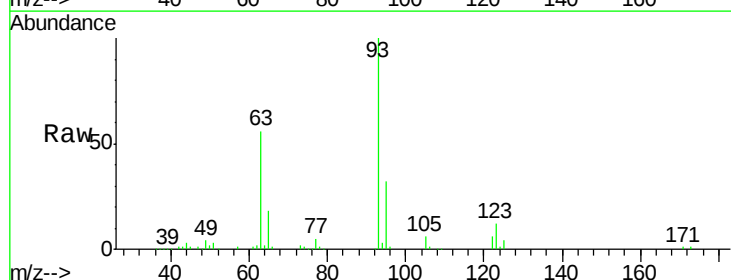
Tgt Ion: 93 Resp: 136141

Ion Ratio Lower Upper

93 100

95 32.4 25.5 38.3

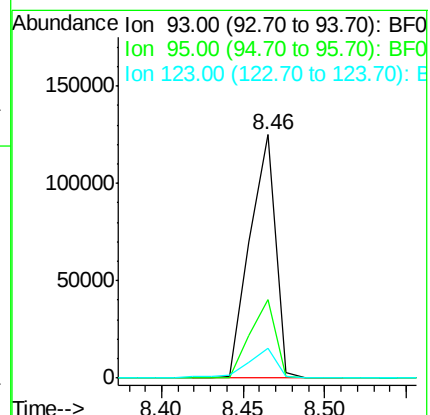
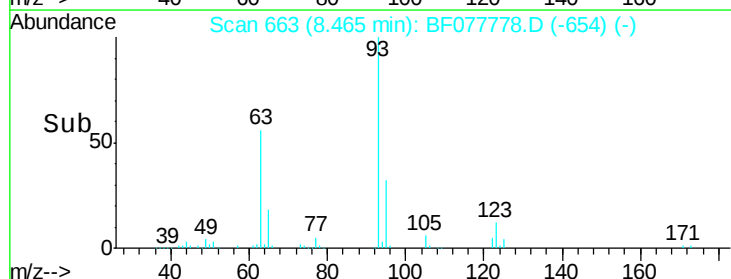
123 12.3 8.6 13.0

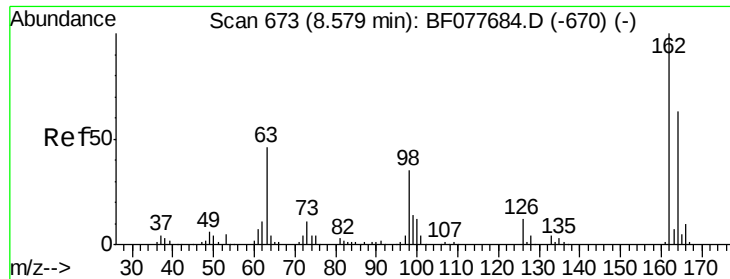


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

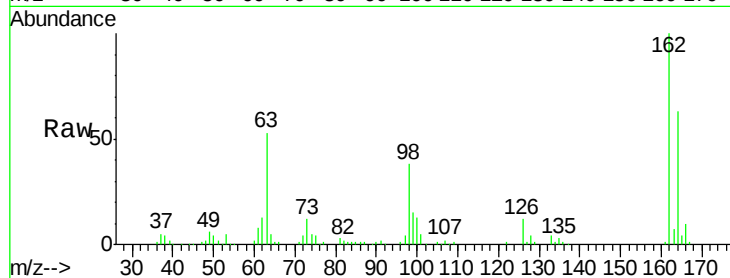




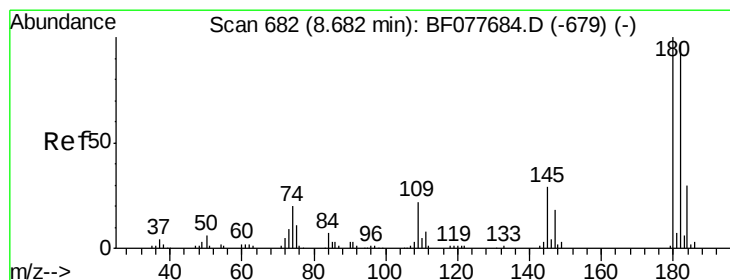
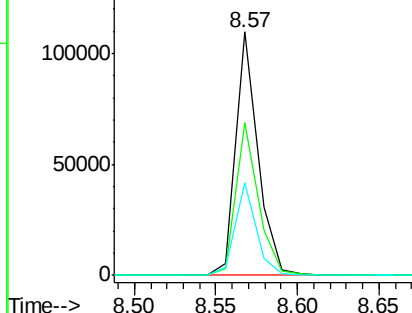
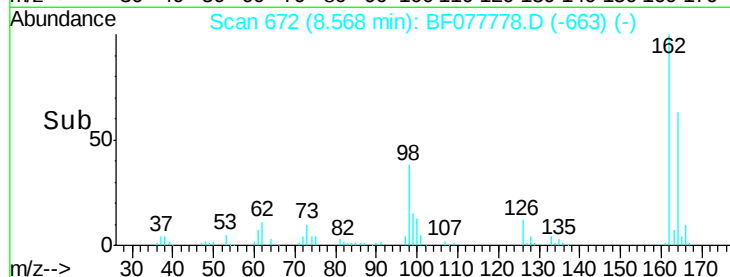
#29
2,4-Dichlorophenol
Concen: 49.86 ng
RT: 8.57 min Scan# 672
Delta R.T. 0.00 min
Lab File: BF077778.D
Acq: 17 Mar 2015 18:19

Instrument :
BNA_F
ClientSampleId :
PB82148BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.7	42.8	82.8
98	38.2	14.5	54.5

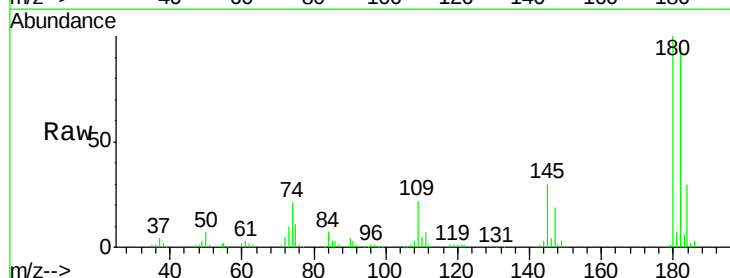


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

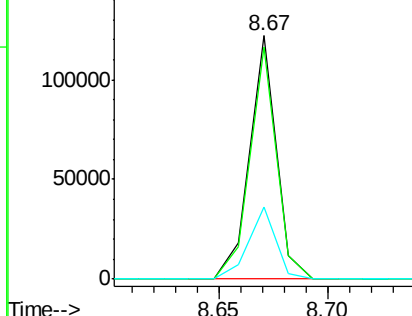
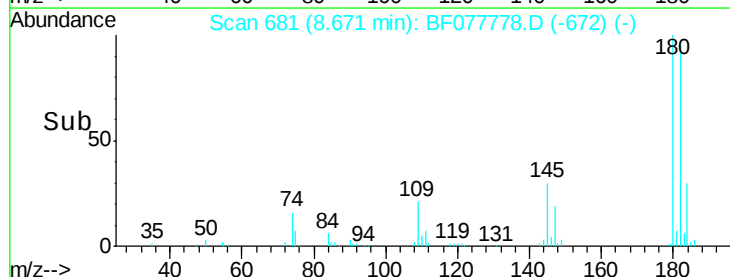


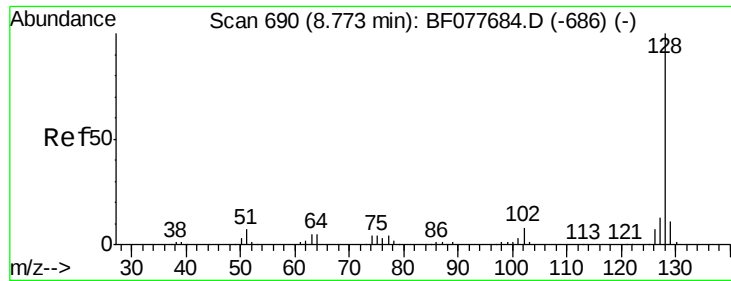
#30
1,2,4-Trichlorobenzene
Concen: 45.21 ng
RT: 8.67 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF077778.D
Acq: 17 Mar 2015 18:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	77.6	116.4
145	29.8	23.4	35.2



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

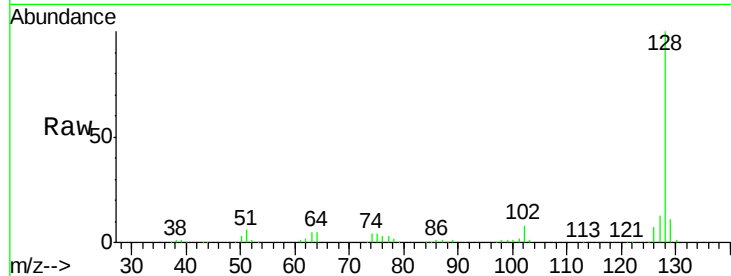




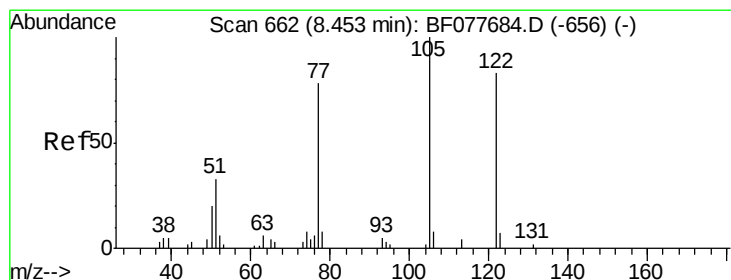
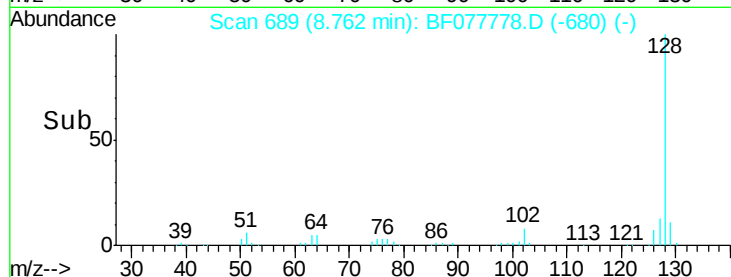
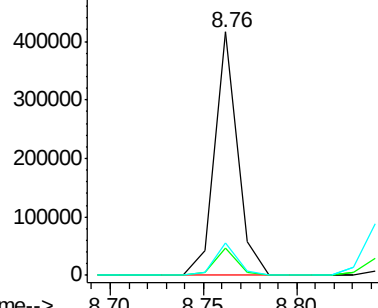
#31
Naphthalene
Concen: 46.85 ng
RT: 8.76 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF077778.D
Acq: 17 Mar 2015 18:19

Instrument :
BNA_F
ClientSampleId :
PB82148BSD

Tgt Ion:128 Resp: 354601
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.1 10.4 15.6

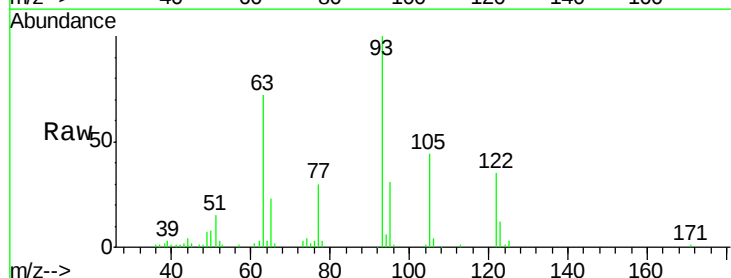


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

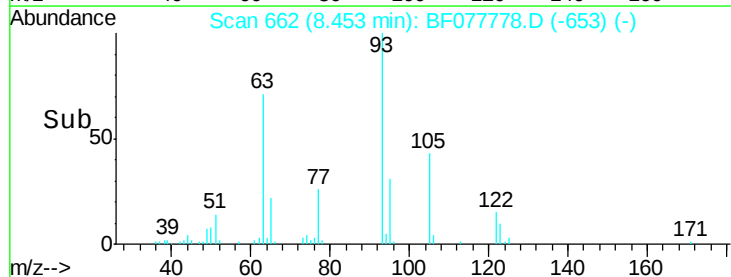
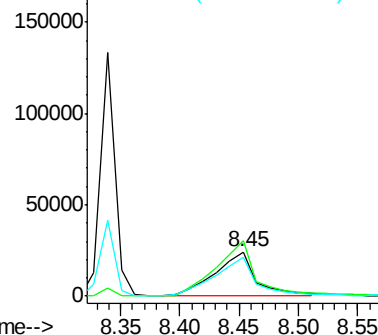


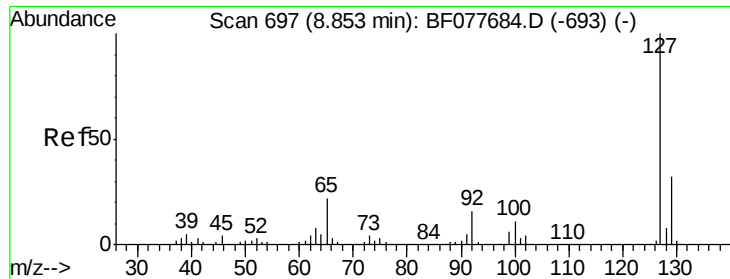
#32
Benzoic acid
Concen: 46.22 ng
RT: 8.45 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF077778.D
Acq: 17 Mar 2015 18:19

Tgt Ion:122 Resp: 55553
Ion Ratio Lower Upper
122 100
105 126.0 99.9 139.9
77 87.1 73.7 113.7



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

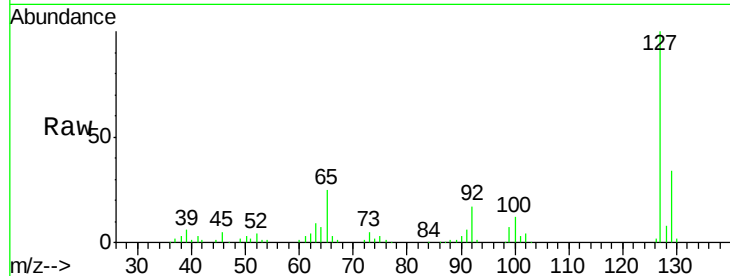




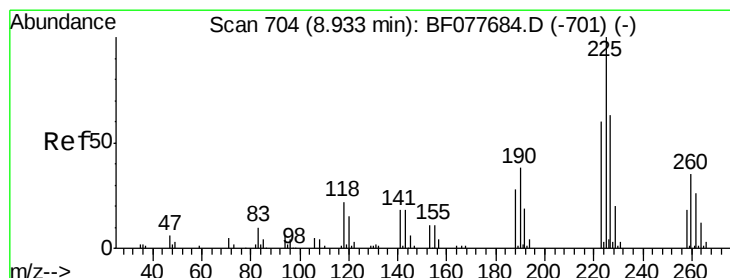
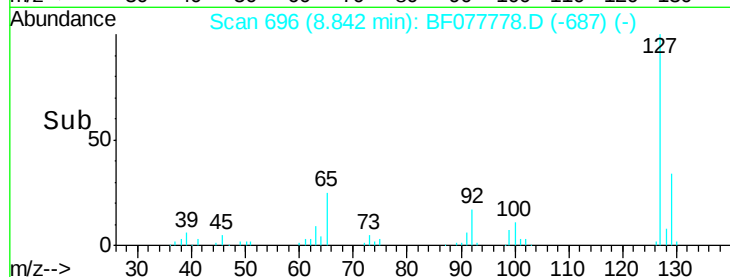
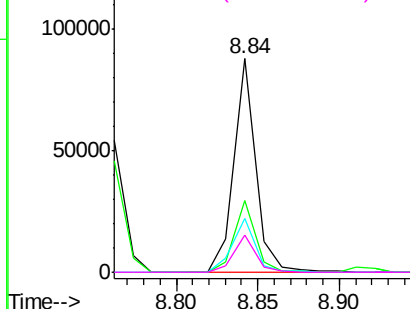
#33
4-Chloroaniline
Concen: 26.47 ng
RT: 8.84 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF077778.D
Acq: 17 Mar 2015 18:19

Instrument :
BNA_F
ClientSampleId :
PB82148BSD

Tgt Ion:	127	Resp:	81319
Ion	Ratio	Lower	Upper
127	100		
129	33.6	25.3	37.9
65	25.2	17.6	26.4
92	17.4	13.1	19.7

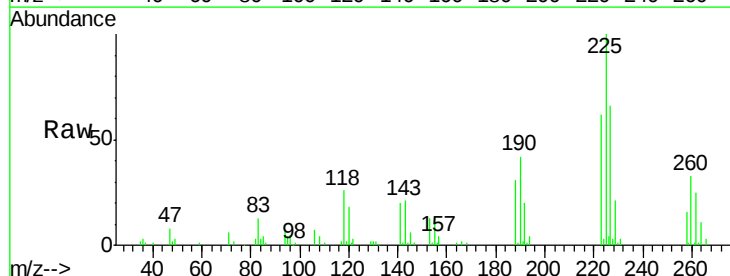


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

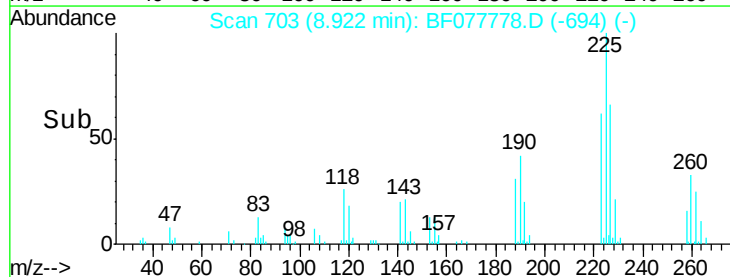
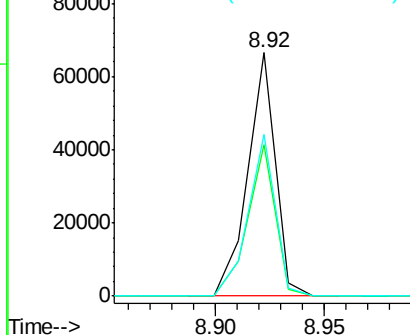


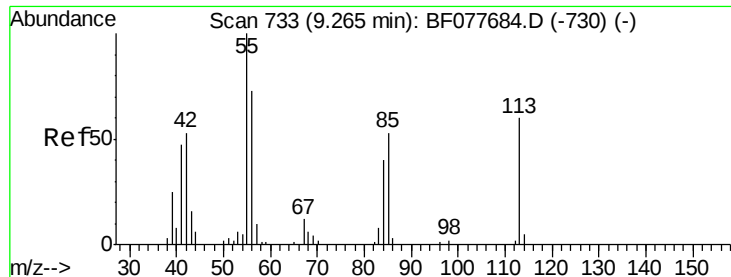
#34
Hexachlorobutadiene
Concen: 44.70 ng
RT: 8.92 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF077778.D
Acq: 17 Mar 2015 18:19

Tgt Ion:	225	Resp:	58374
Ion	Ratio	Lower	Upper
225	100		
223	62.2	47.9	71.9
227	66.2	50.1	75.1



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

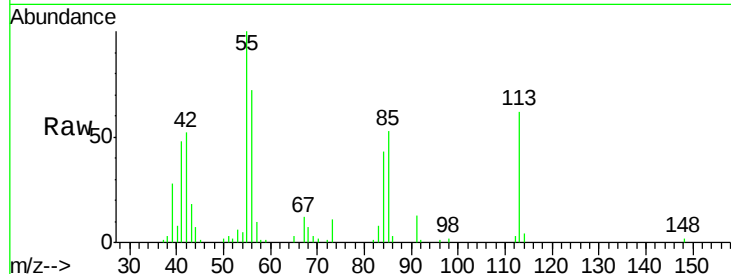




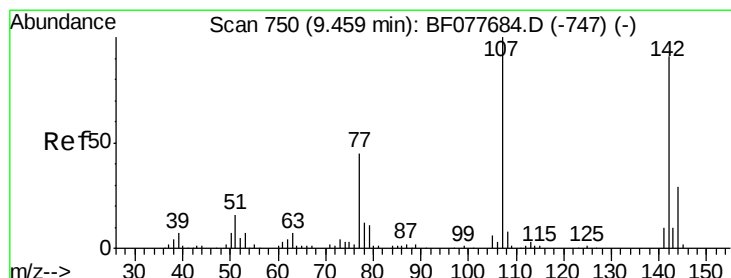
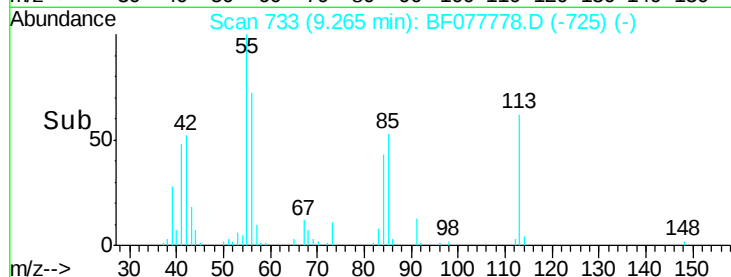
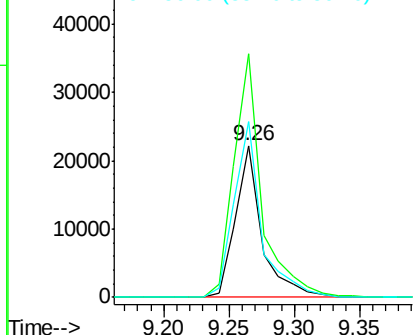
#35
Caprolactam
Concen: 51.65 ng
RT: 9.26 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF077778.D
Acq: 17 Mar 2015 18:19

Instrument :
BNA_F
ClientSampleId :
PB82148BSD

Tgt Ion:113 Resp: 31085
Ion Ratio Lower Upper
113 100
55 160.5 145.9 185.9
56 116.3 101.0 141.0

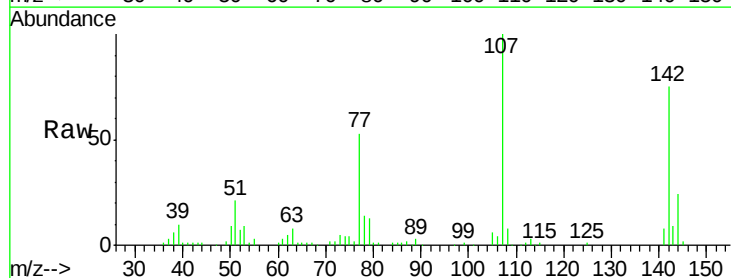


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

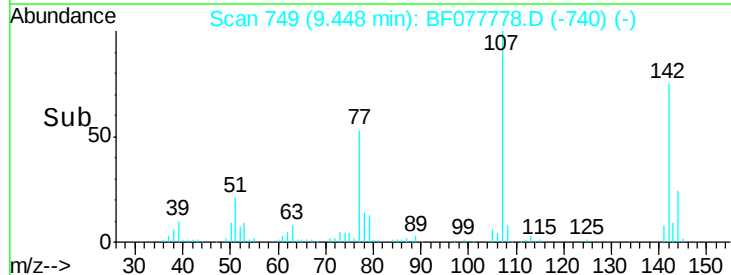
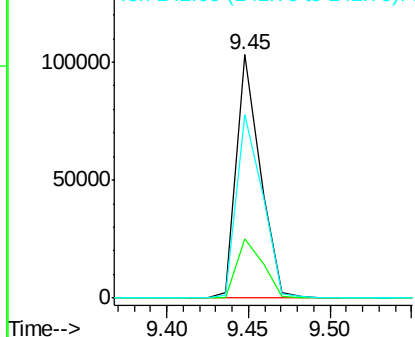


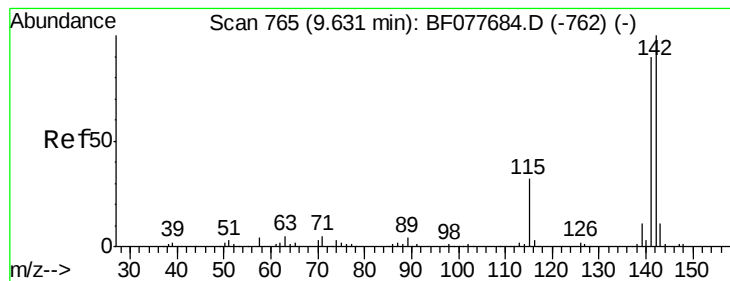
#36
4-Chloro-3-methylphenol
Concen: 50.41 ng
RT: 9.45 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF077778.D
Acq: 17 Mar 2015 18:19

Tgt Ion:107 Resp: 104438
Ion Ratio Lower Upper
107 100
144 24.2 23.3 34.9
142 75.3 72.6 109.0



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 46.78 ng

RT: 9.62 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF077778.D

Acq: 17 Mar 2015 18:19

Instrument :

BNA_F

ClientSampleId :

PB82148BSD

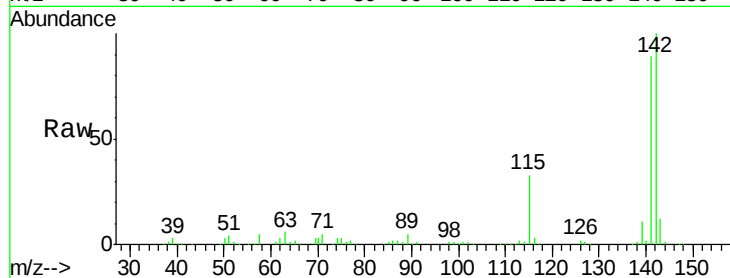
Tgt Ion:142 Resp: 237866

Ion Ratio Lower Upper

142 100

141 89.1 71.9 107.9

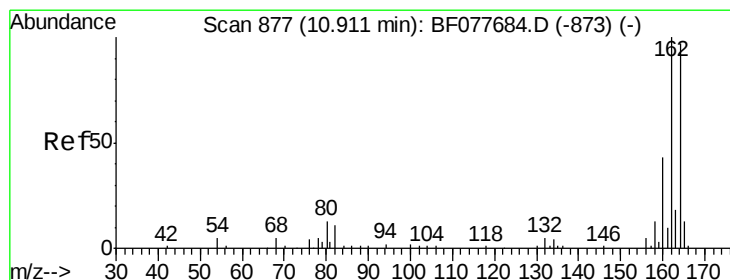
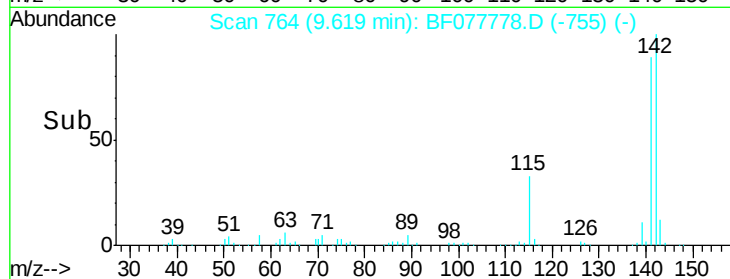
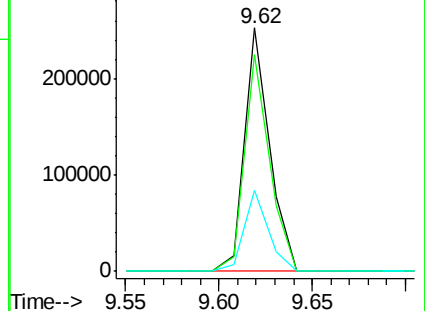
115 33.2 25.4 38.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.91 min Scan# 877

Delta R.T. 0.00 min

Lab File: BF077778.D

Acq: 17 Mar 2015 18:19

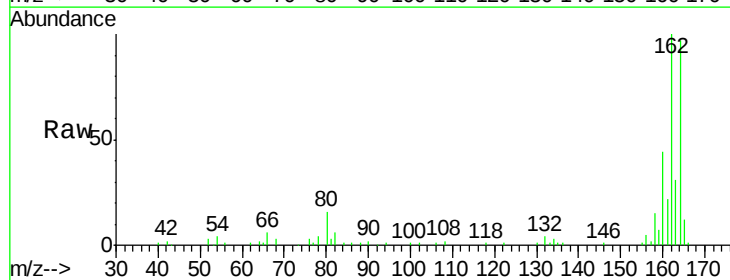
Tgt Ion:164 Resp: 73340

Ion Ratio Lower Upper

164 100

162 102.9 82.4 123.6

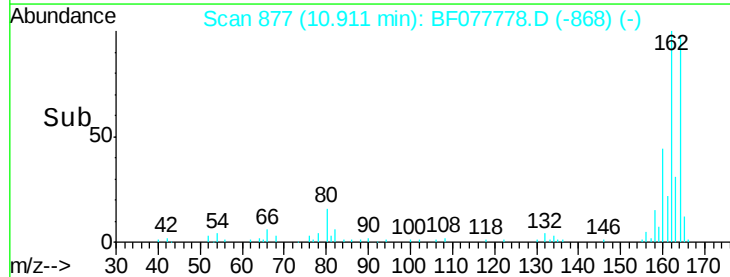
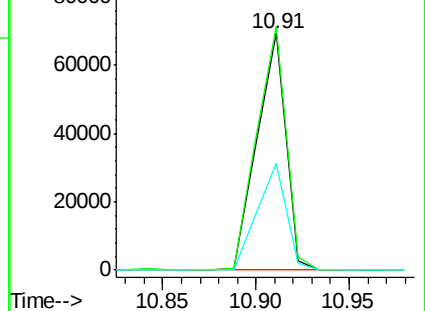
160 44.8 35.8 53.6

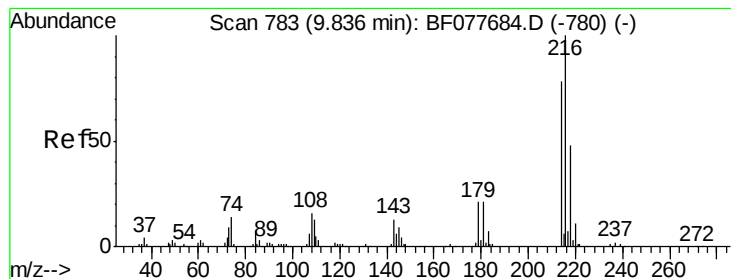


Abundance Ion 164.00 (163.70 to 164.70): E

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: 47.28 ng

RT: 9.82 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF077778.D

Acq: 17 Mar 2015 18:19

Instrument :

BNA_F

ClientSampleId :

PB82148BSD

Tgt Ion:216 Resp: 103415

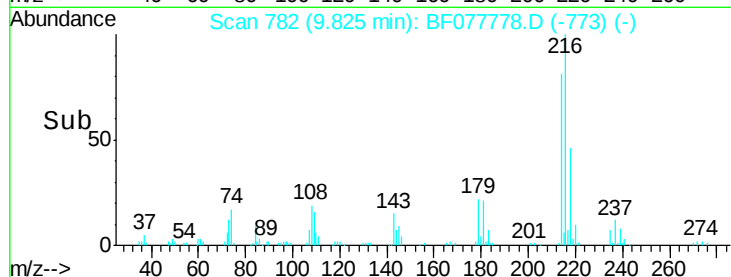
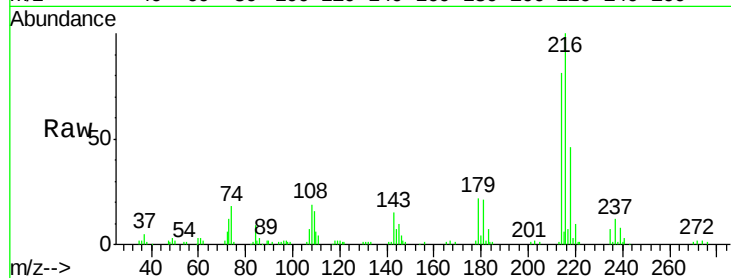
Ion Ratio Lower Upper

216 100

214 79.6 0.0 0.0#

179 21.4 0.0 0.0#

108 21.6 0.0 0.0#

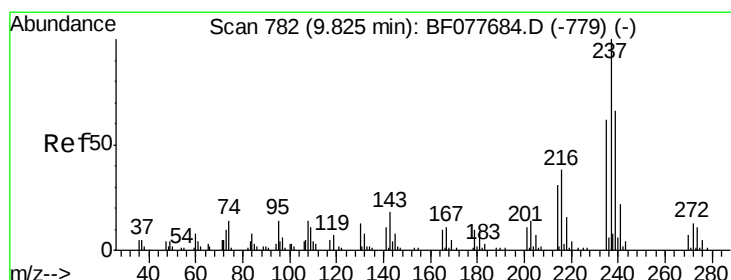
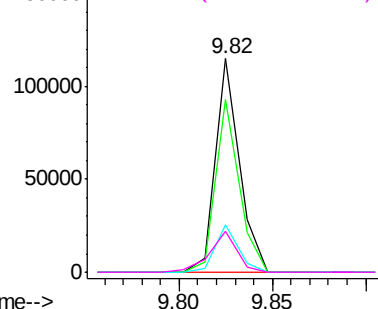


Abundance Ion 216.00 (215.70 to 216.70): E

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: 94.91 ng

RT: 9.81 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF077778.D

Acq: 17 Mar 2015 18:19

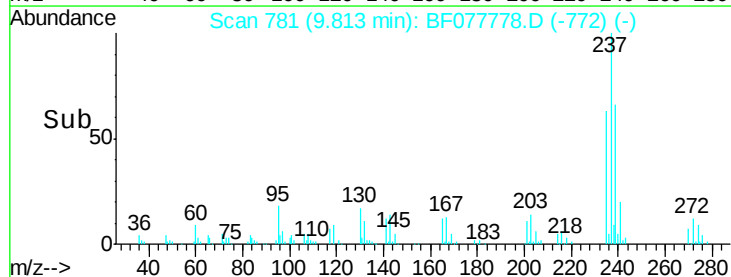
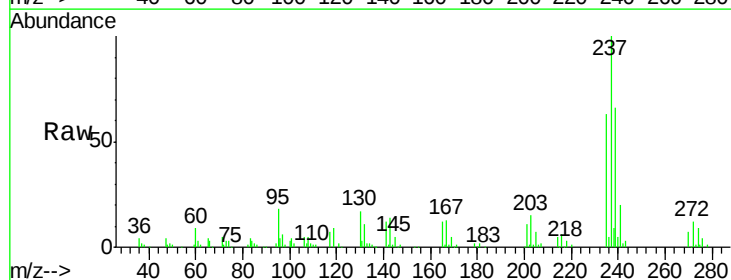
Tgt Ion:237 Resp: 104606

Ion Ratio Lower Upper

237 100

235 62.9 42.0 82.0

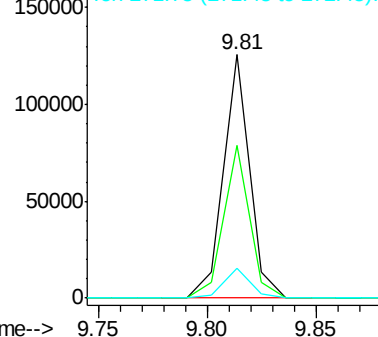
272 12.4 0.0 33.4

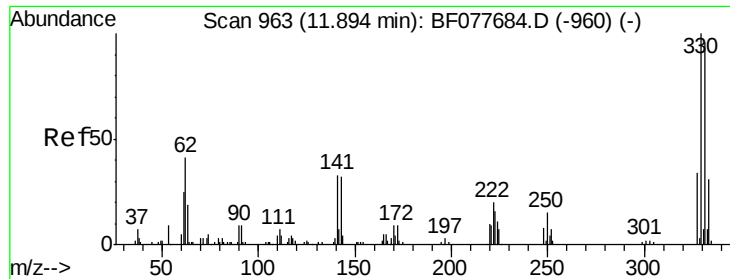


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

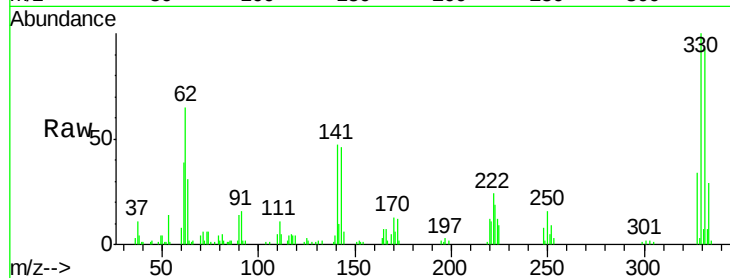




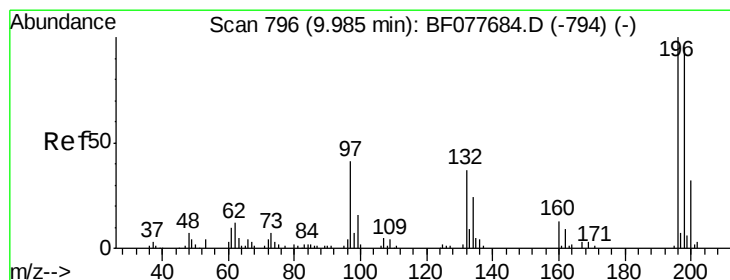
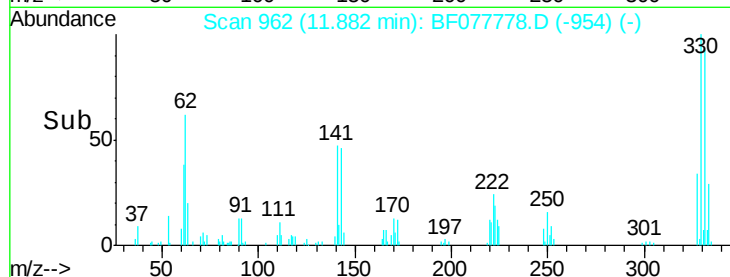
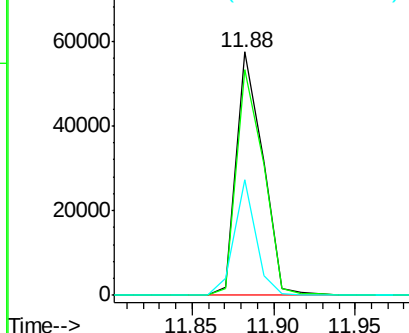
#41
 2,4,6-Tribromophenol
 Concen: 91.32 ng
 RT: 11.88 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF077778.D
 Acq: 17 Mar 2015 18:19

Instrument :
 BNA_F
 ClientSampleId :
 PB82148BSD

Tgt Ion:330 Resp: 64082
 Ion Ratio Lower Upper
 330 100
 332 94.6 0.0 0.0#
 141 38.9 0.0 0.0#

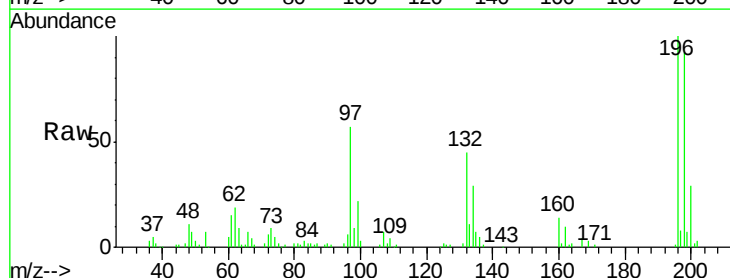


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

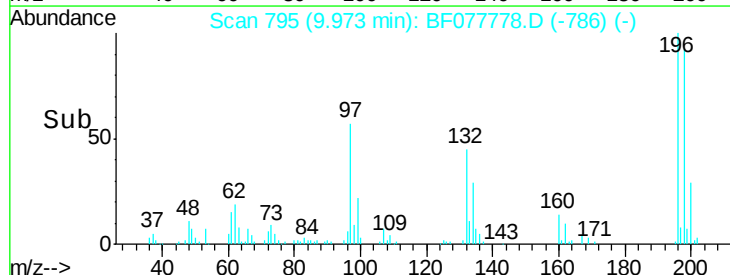
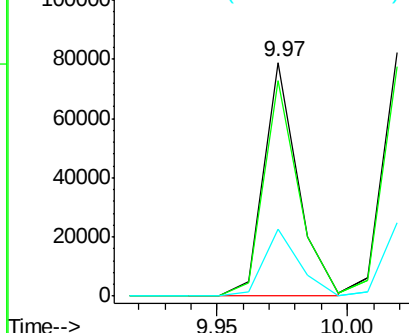


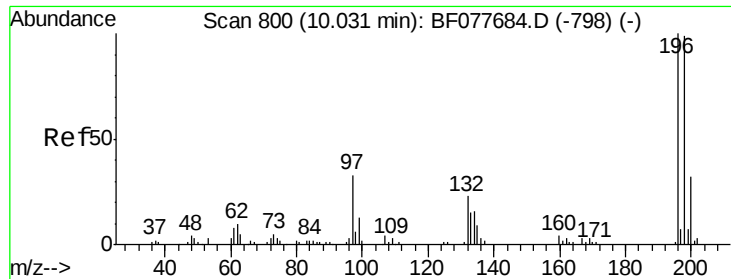
#42
 2,4,6-Trichlorophenol
 Concen: 47.42 ng
 RT: 9.97 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF077778.D
 Acq: 17 Mar 2015 18:19

Tgt Ion:196 Resp: 71853
 Ion Ratio Lower Upper
 196 100
 198 92.3 76.3 114.5
 200 28.7 25.6 38.4



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

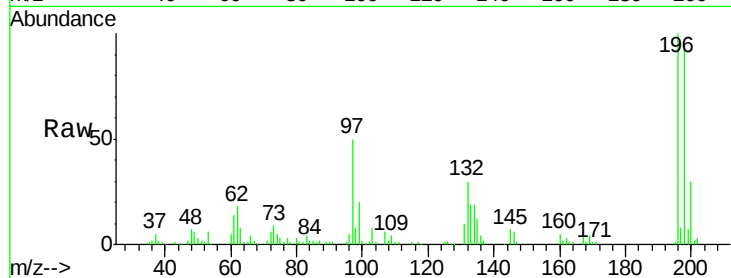




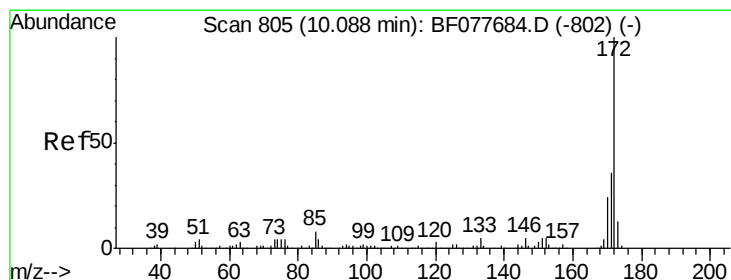
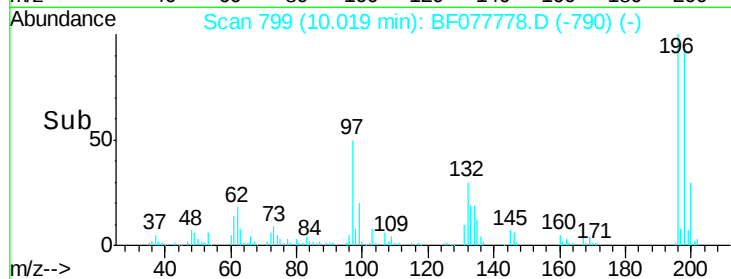
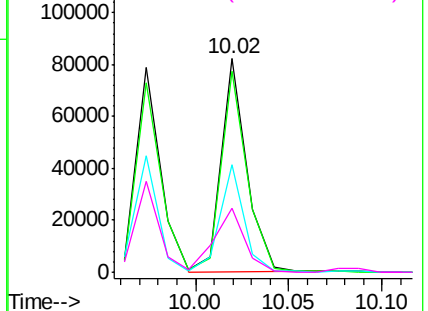
#43
 2,4,5-Trichlorophenol
 Concen: 47.89 ng
 RT: 10.02 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF077778.D
 Acq: 17 Mar 2015 18:19

Instrument :
 BNA_F
 ClientSampleId :
 PB82148BSD

Tgt Ion:196 Resp: 78395
 Ion Ratio Lower Upper
 196 100
 198 94.2 79.4 119.0
 97 50.2 26.8 40.2#
 132 30.1 18.6 28.0#

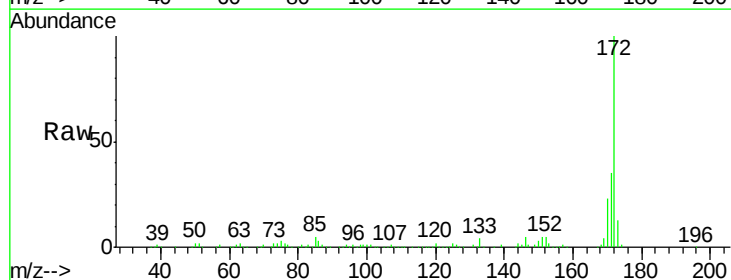


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

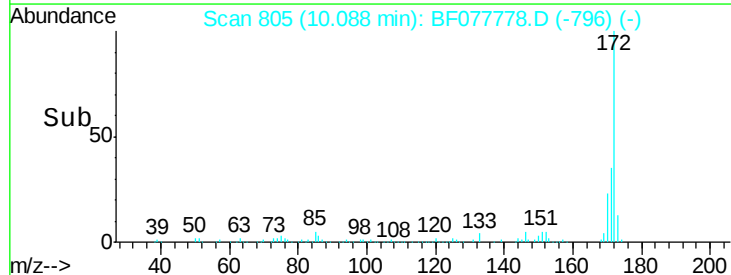
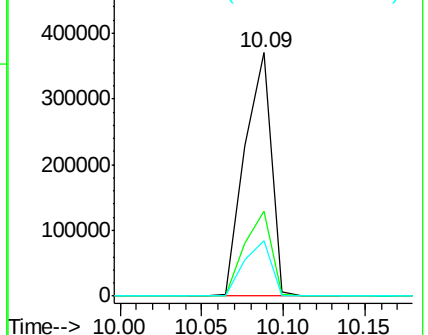


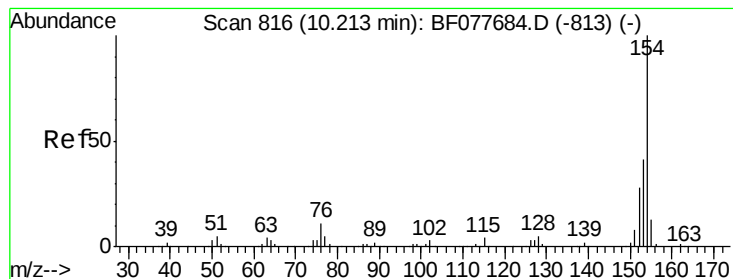
#44
 2-Fluorobiphenyl
 Concen: 83.70 ng
 RT: 10.09 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF077778.D
 Acq: 17 Mar 2015 18:19

Tgt Ion:172 Resp: 417710
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.5 42.7
 170 23.0 18.8 28.2



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: 48.21 ng

RT: 10.20 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF077778.D

Acq: 17 Mar 2015 18:19

Instrument :

BNA_F

ClientSampleId :

PB82148BSD

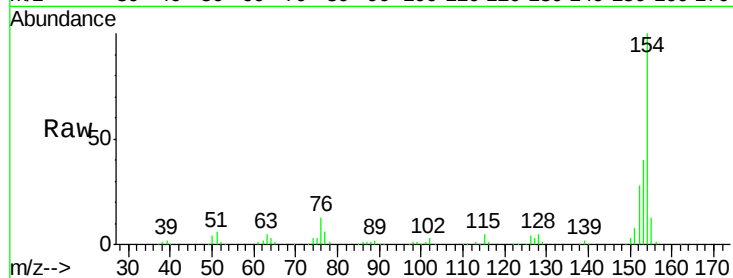
Tgt Ion:154 Resp: 282666

Ion Ratio Lower Upper

154 100

153 40.0 20.7 60.7

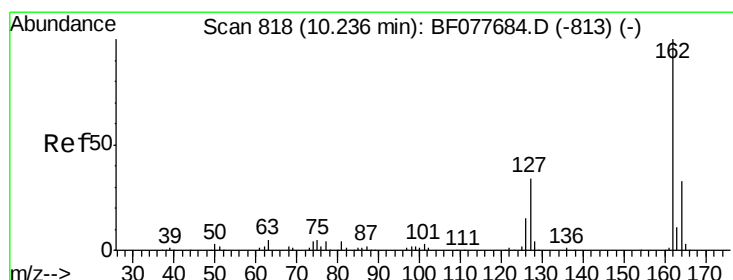
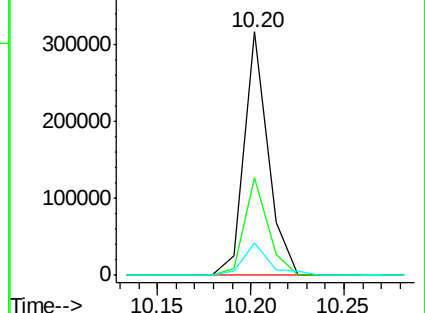
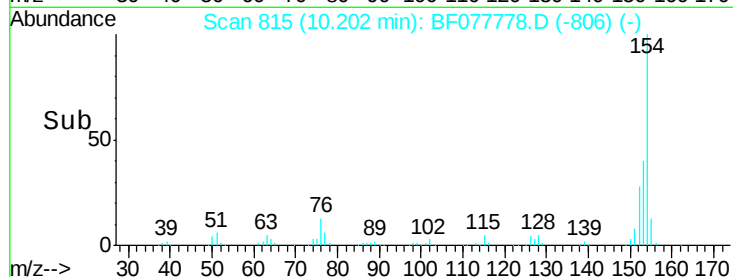
76 13.1 0.0 30.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 47.78 ng

RT: 10.22 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF077778.D

Acq: 17 Mar 2015 18:19

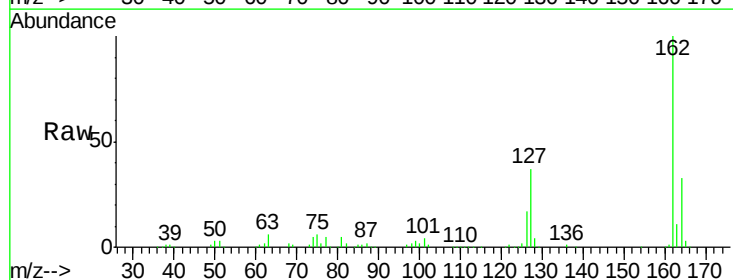
Tgt Ion:162 Resp: 227659

Ion Ratio Lower Upper

162 100

127 36.7 26.9 40.3

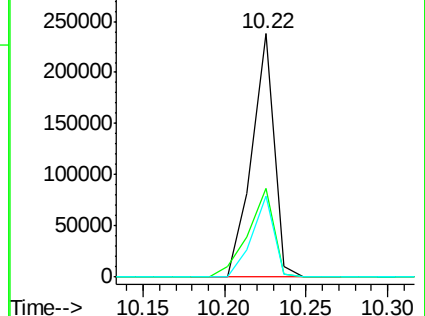
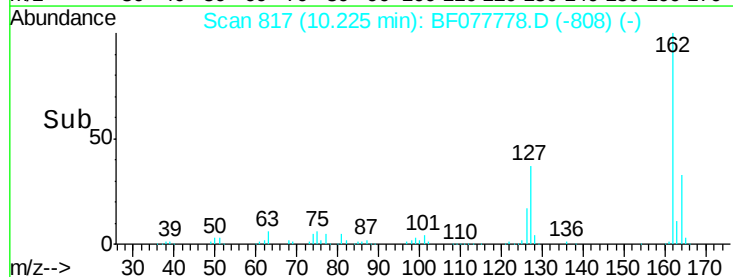
164 33.1 26.8 40.2

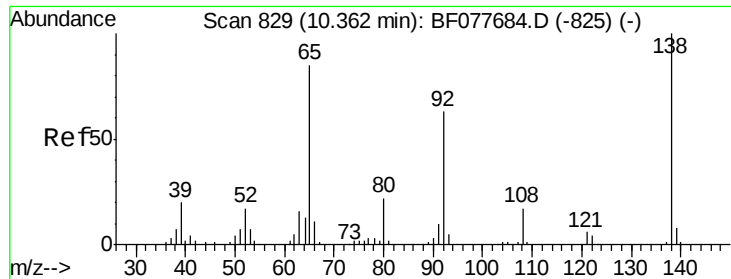


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

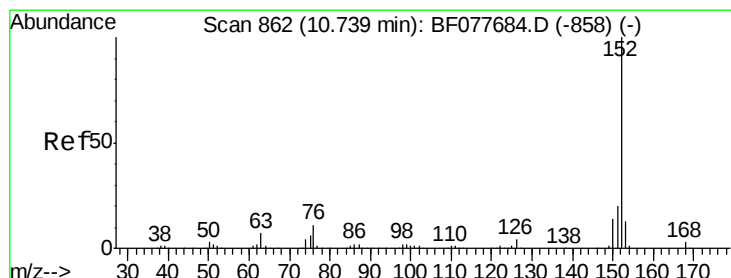
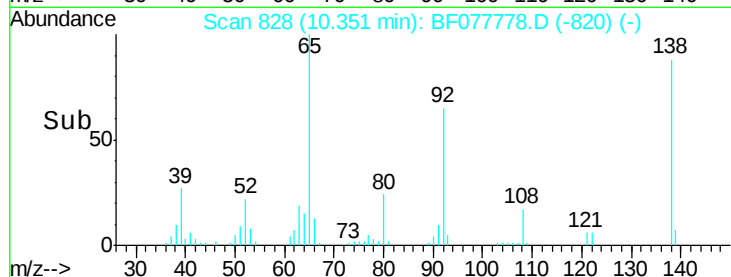
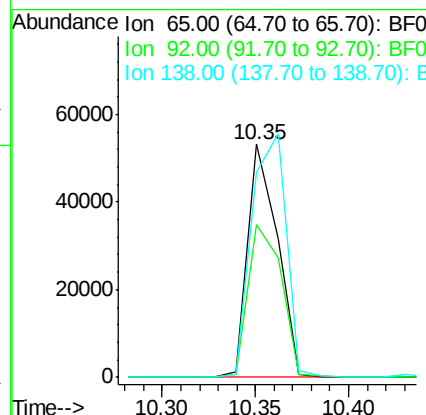
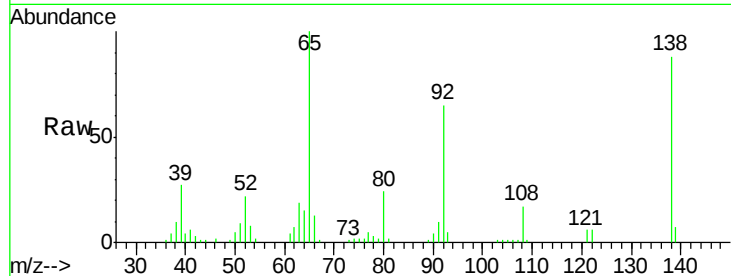




#47
 2-Nitroaniline
 Concen: 50.40 ng
 RT: 10.35 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF077778.D
 Acq: 17 Mar 2015 18:19

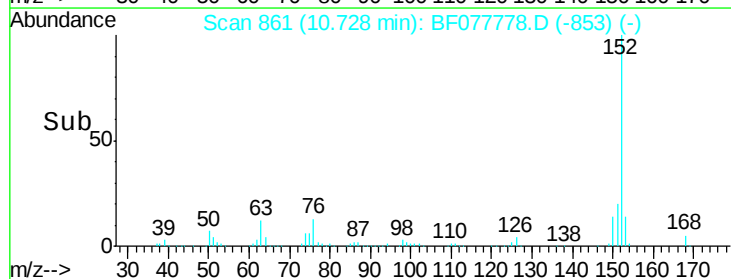
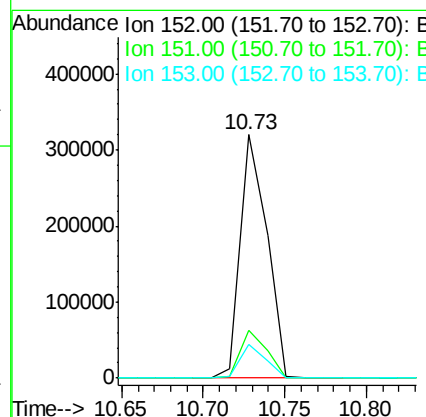
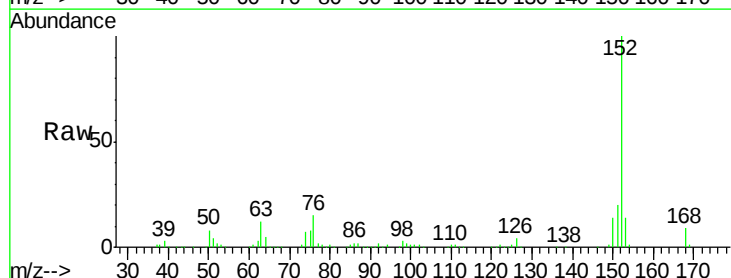
Instrument :
 BNA_F
 ClientSampleId :
 PB82148BSD

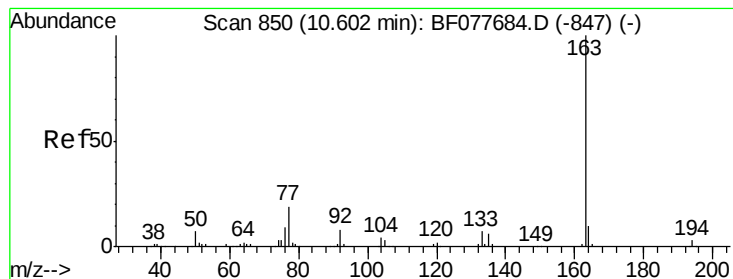
Tgt Ion: 65 Resp: 59640
 Ion Ratio Lower Upper
 65 100
 92 65.5 59.1 88.7
 138 88.0 93.9 140.9#



#48
 Acenaphthylene
 Concen: 45.17 ng
 RT: 10.73 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: BF077778.D
 Acq: 17 Mar 2015 18:19

Tgt Ion: 152 Resp: 357857
 Ion Ratio Lower Upper
 152 100
 151 19.6 15.9 23.9
 153 13.6 10.6 16.0





#49

Dimethylphthalate

Concen: 47.43 ng

RT: 10.59 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF077778.D

Acq: 17 Mar 2015 18:19

Instrument :

BNA_F

ClientSampleId :

PB82148BSD

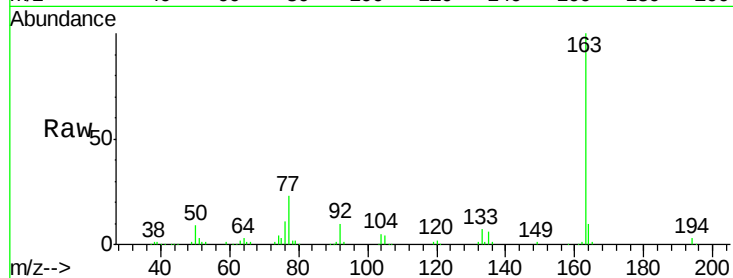
Tgt Ion:163 Resp: 258013

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

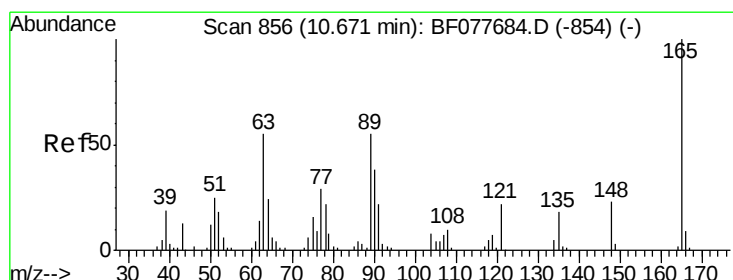
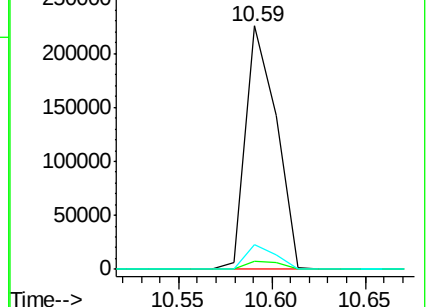
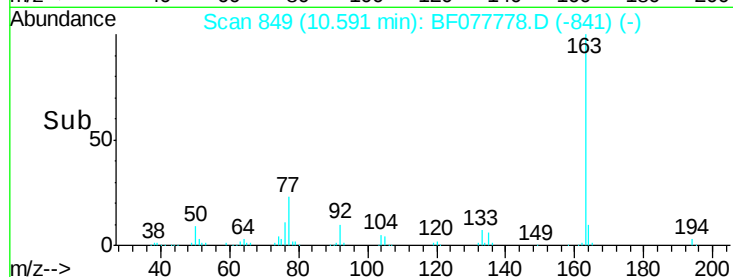
164 10.2 8.2 12.2



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: 50.87 ng

RT: 10.67 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF077778.D

Acq: 17 Mar 2015 18:19

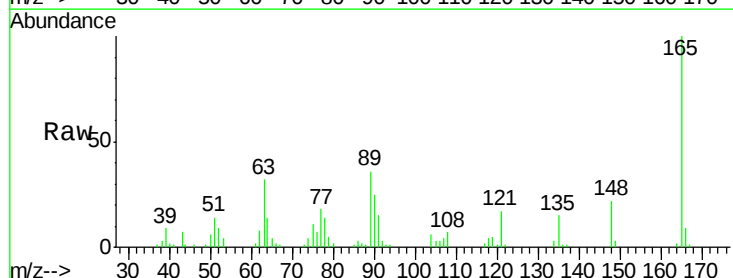
Tgt Ion:165 Resp: 57360

Ion Ratio Lower Upper

165 100

63 31.7 44.1 66.1#

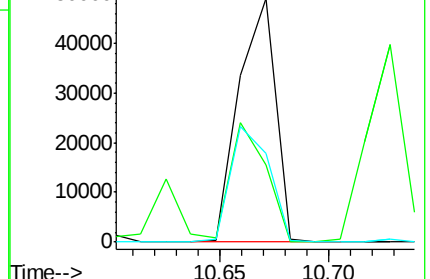
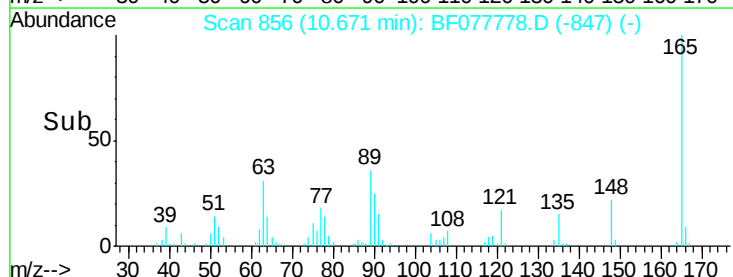
89 36.3 44.3 66.5#

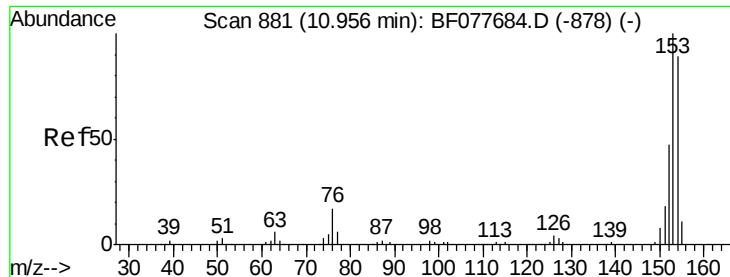


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 45.73 ng

RT: 10.95 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF077778.D

Acq: 17 Mar 2015 18:19

Instrument :

BNA_F

ClientSampleId :

PB82148BSD

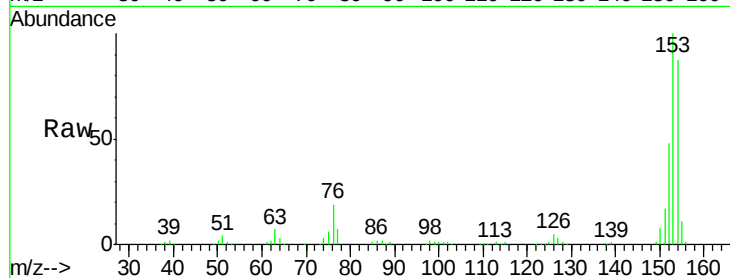
Tgt Ion:154 Resp: 207727

Ion Ratio Lower Upper

154 100

153 114.5 90.0 135.0

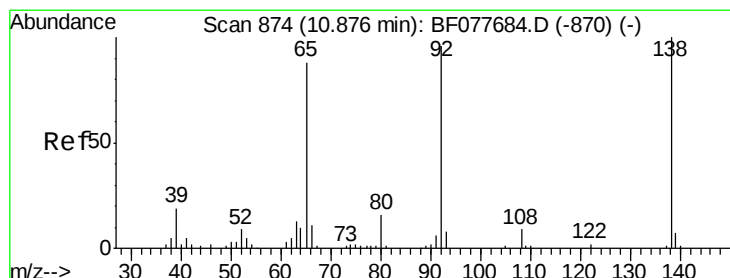
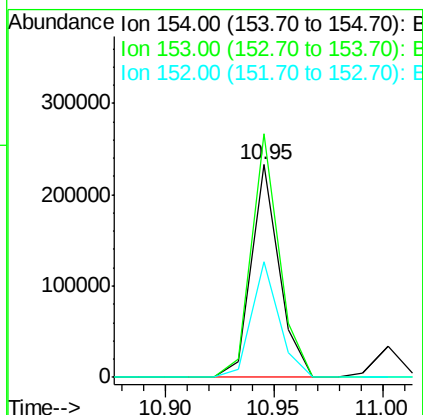
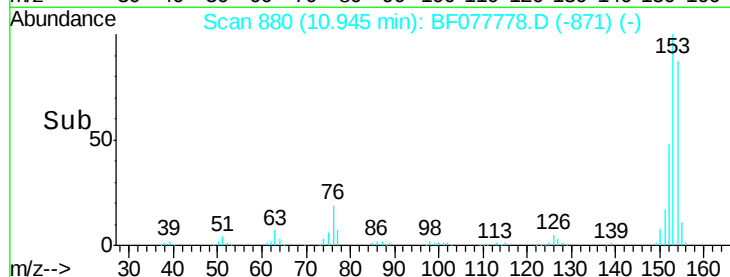
152 54.6 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 33.96 ng

RT: 10.87 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF077778.D

Acq: 17 Mar 2015 18:19

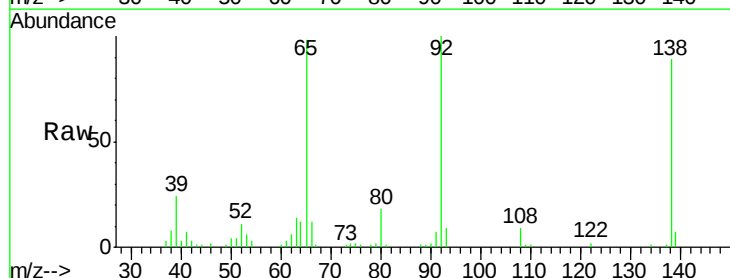
Tgt Ion:138 Resp: 44475

Ion Ratio Lower Upper

138 100

108 10.5 7.3 10.9

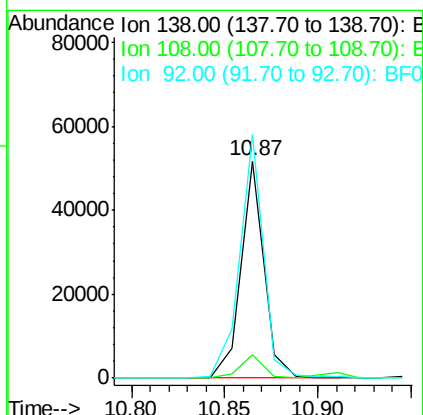
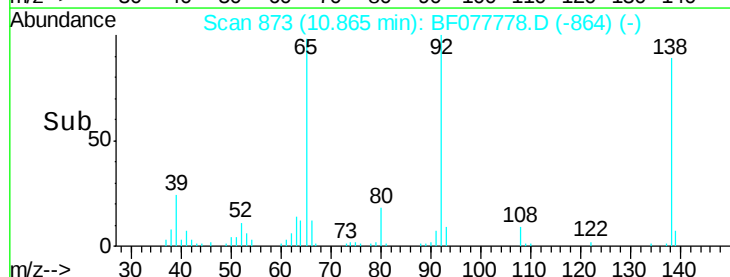
92 112.3 76.6 114.8

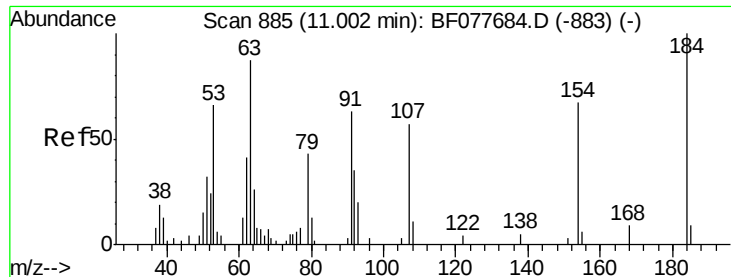


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

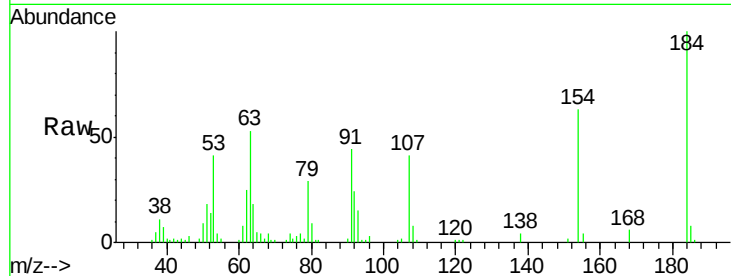




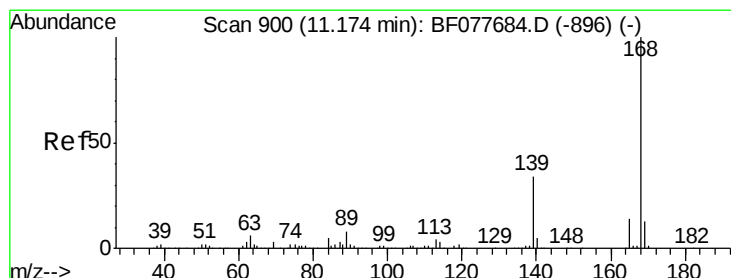
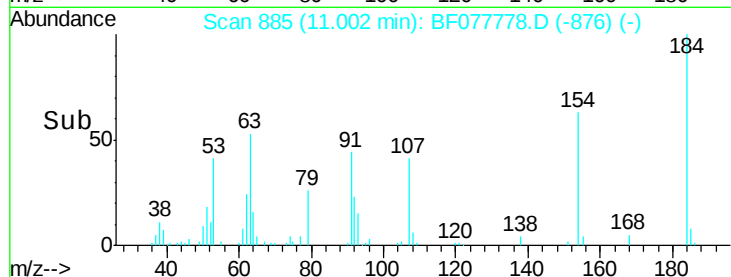
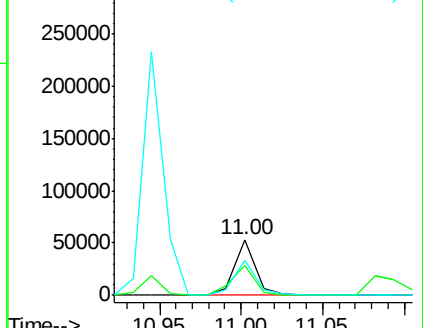
#53
2,4-Dinitrophenol
Concen: 113.13 ng
RT: 11.00 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF077778.D
Acq: 17 Mar 2015 18:19

Instrument :
BNA_F
ClientSampleId :
PB82148BSD

Tgt Ion:184 Resp: 48398
Ion Ratio Lower Upper
184 100
63 53.2 69.2 103.8#
154 63.0 53.3 79.9

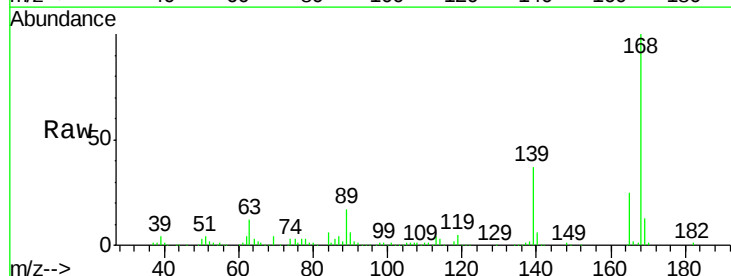


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

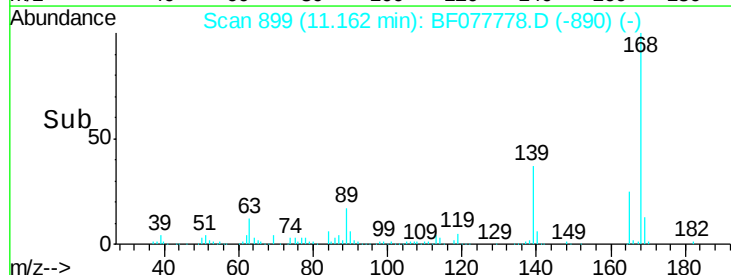
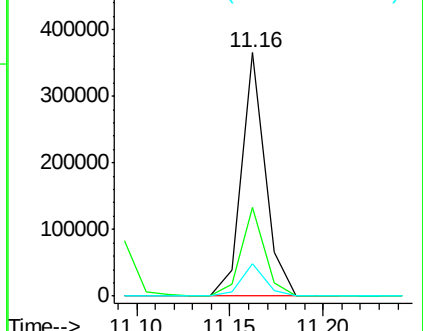


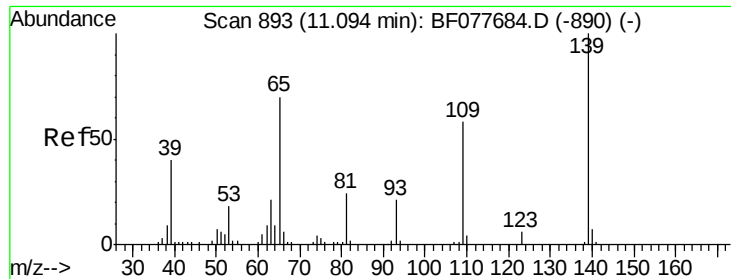
#54
Dibenzofuran
Concen: 48.12 ng
RT: 11.16 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF077778.D
Acq: 17 Mar 2015 18:19

Tgt Ion:168 Resp: 324219
Ion Ratio Lower Upper
168 100
139 36.7 27.3 40.9
169 13.4 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

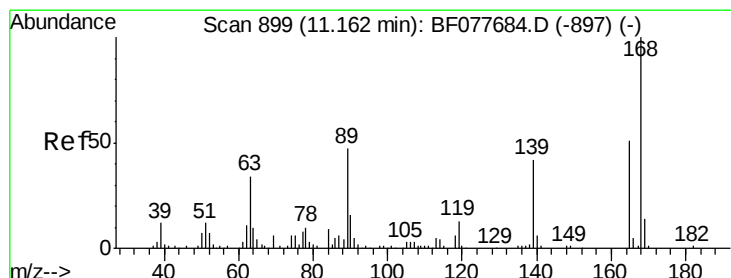
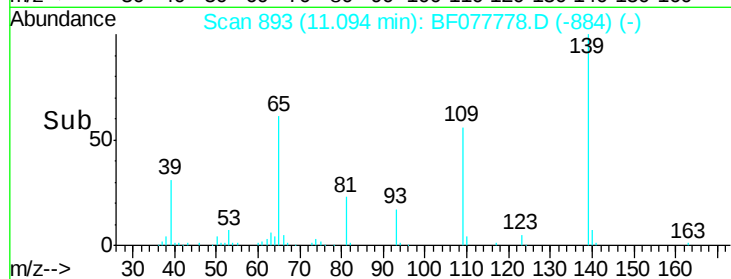
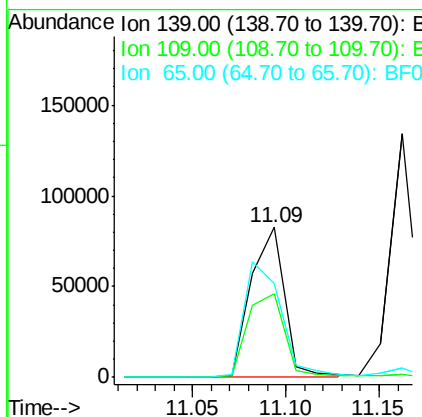
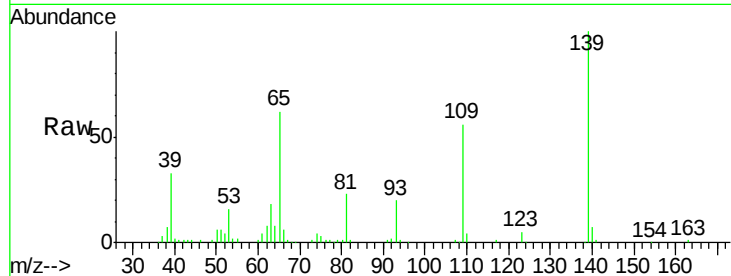




#55
4-Nitrophenol
Concen: 106.17 ng
RT: 11.09 min Scan# 893
Delta R.T. 0.00 min
Lab File: BF077778.D
Acq: 17 Mar 2015 18:19

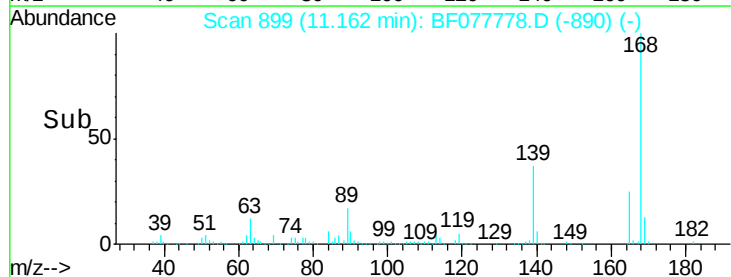
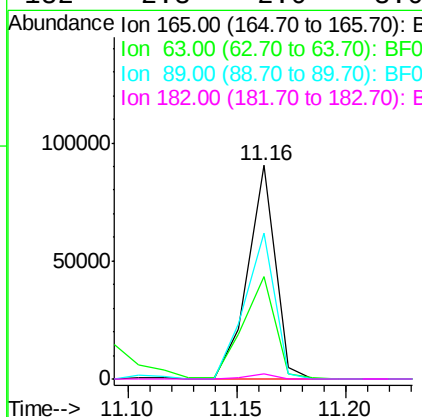
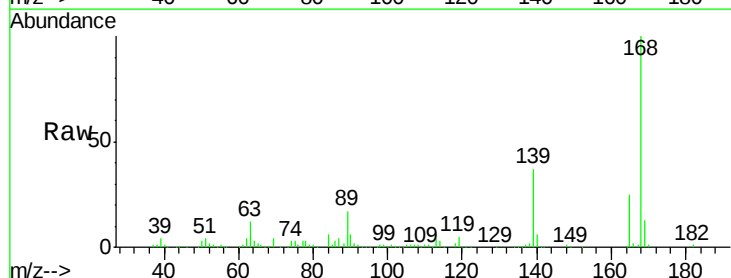
Instrument :
BNA_F
ClientSampleId :
PB82148BSD

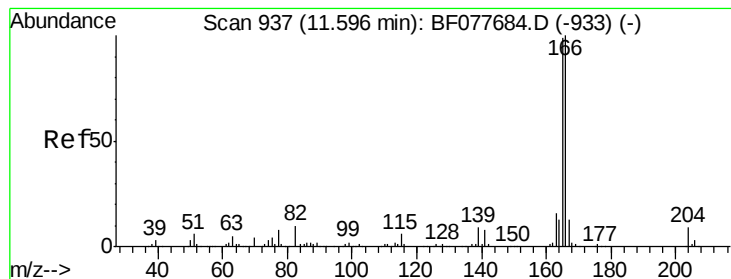
Tgt Ion:139 Resp: 102985
Ion Ratio Lower Upper
139 100
109 55.8 37.7 77.7
65 62.3 49.9 89.9



#56
2,4-Dinitrotoluene
Concen: 54.44 ng
RT: 11.16 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF077778.D
Acq: 17 Mar 2015 18:19

Tgt Ion:165 Resp: 80044
Ion Ratio Lower Upper
165 100
63 47.9 52.4 78.6#
89 68.1 72.4 108.6#
182 2.3 2.0 3.0





#57

Fluorene

Concen: 46.08 ng

RT: 11.59 min Scan# 936

Delta R.T. 0.00 min

Lab File: BF077778.D

Acq: 17 Mar 2015 18:19

Instrument :

BNA_F

ClientSampleId :

PB82148BSD

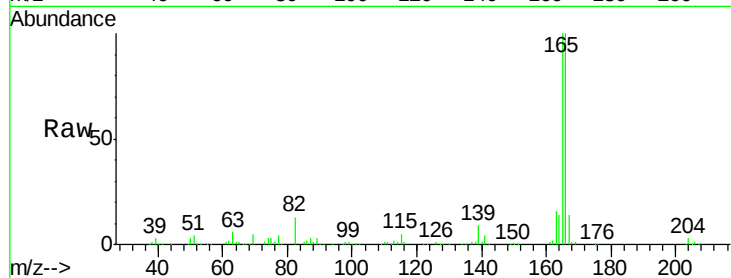
Tgt Ion:166 Resp: 257801

Ion Ratio Lower Upper

166 100

165 99.6 79.0 118.4

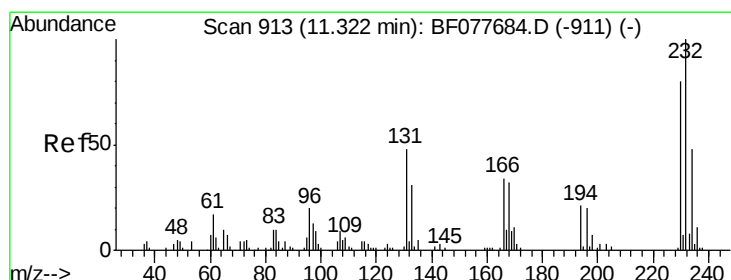
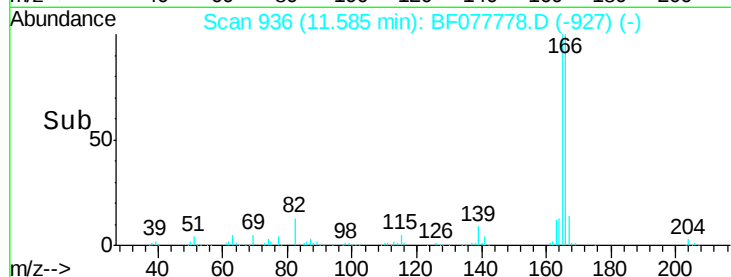
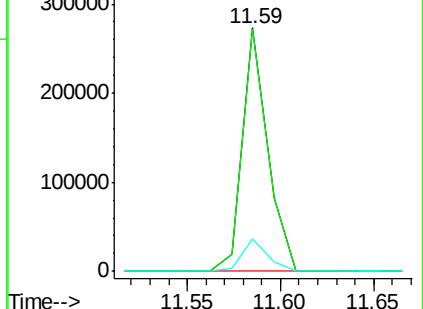
167 13.5 10.3 15.5



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: 48.20 ng

RT: 11.32 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF077778.D

Acq: 17 Mar 2015 18:19

Tgt Ion:232 Resp: 60756

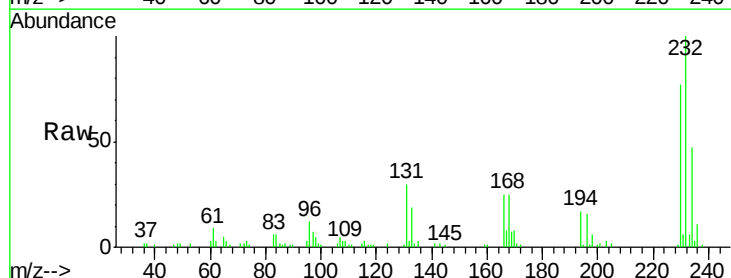
Ion Ratio Lower Upper

232 100

131 47.4 0.0 0.0#

130 2.3 0.0 0.0#

166 33.0 0.0 0.0#

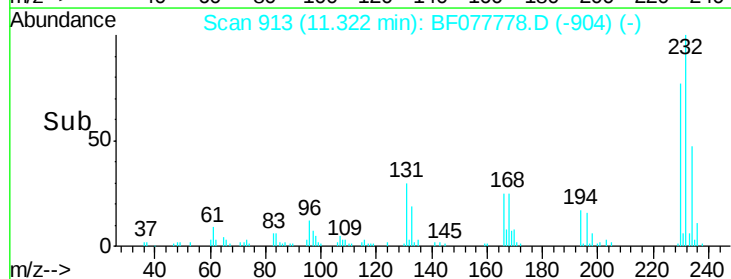
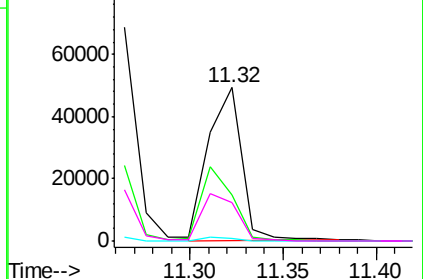


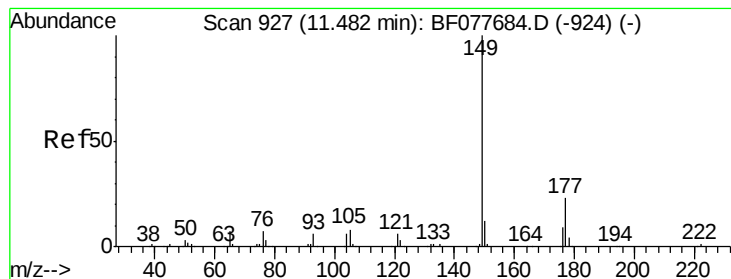
Abundance Ion 232.00 (231.70 to 232.70): E

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: 47.47 ng

RT: 11.47 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF077778.D

Acq: 17 Mar 2015 18:19

Instrument :

BNA_F

ClientSampleId :

PB82148BSD

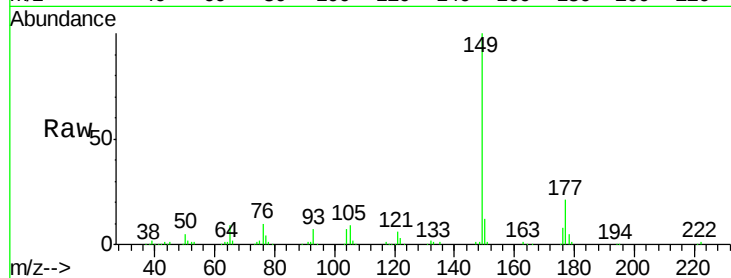
Tgt Ion:149 Resp: 251585

Ion Ratio Lower Upper

149 100

177 21.1 18.3 27.5

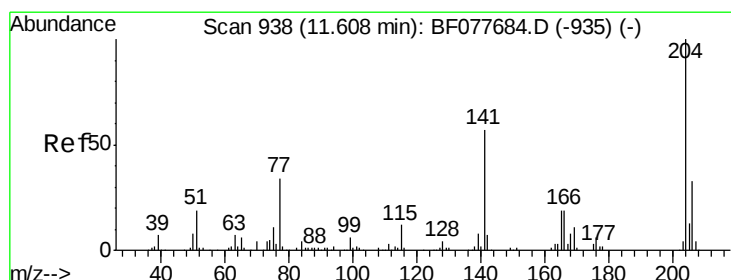
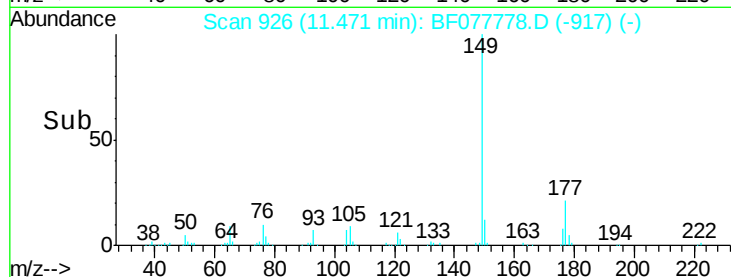
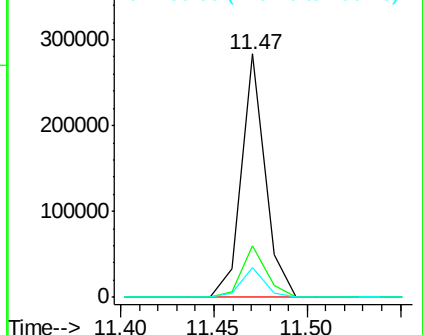
150 12.5 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 47.07 ng

RT: 11.60 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF077778.D

Acq: 17 Mar 2015 18:19

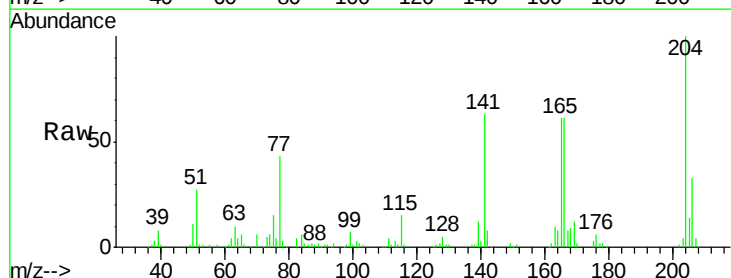
Tgt Ion:204 Resp: 120183

Ion Ratio Lower Upper

204 100

206 32.6 26.6 39.8

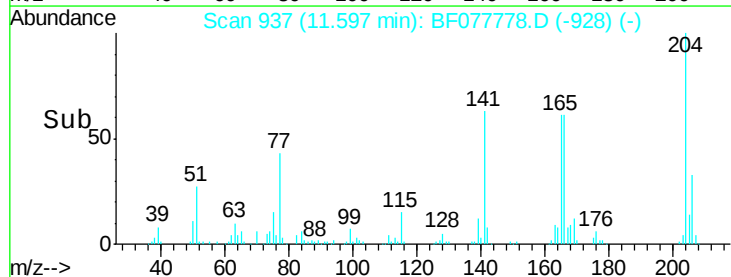
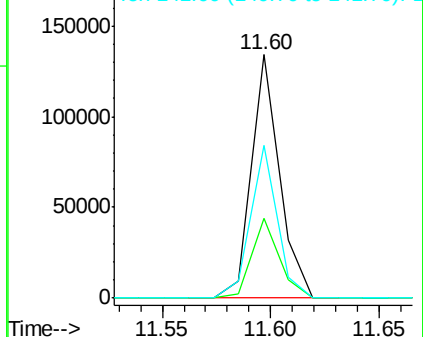
141 62.7 45.2 67.8

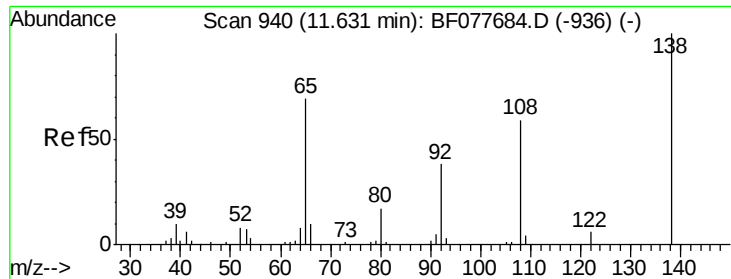


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

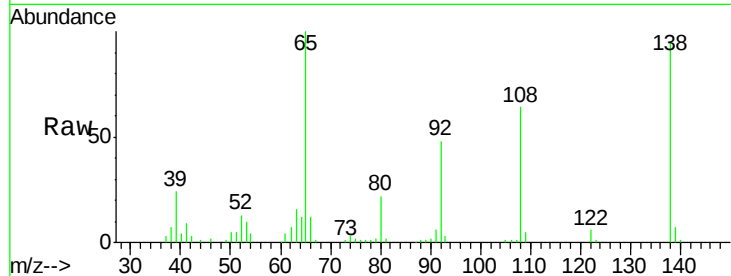




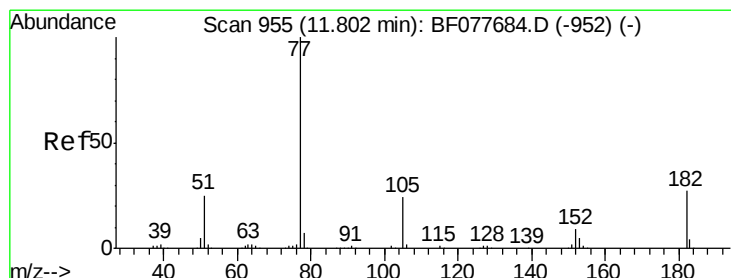
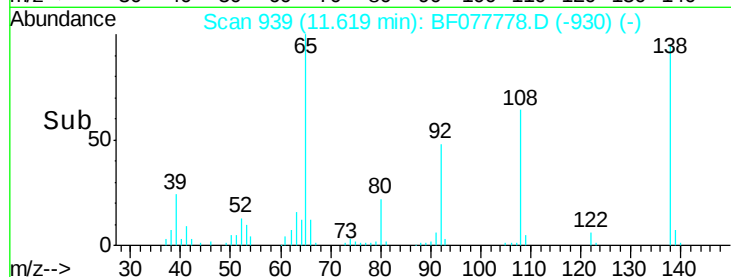
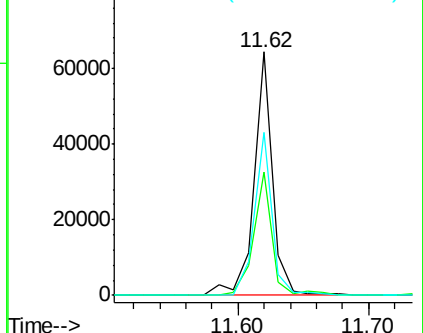
#61
4-Nitroaniline
Concen: 48.76 ng
RT: 11.62 min Scan# 939
Delta R.T. 0.00 min
Lab File: BF077778.D
Acq: 17 Mar 2015 18:19

Instrument :
BNA_F
ClientSampleId :
PB82148BSD

Tgt Ion:138 Resp: 63635
Ion Ratio Lower Upper
138 100
92 50.6 16.7 56.7
108 67.0 37.6 77.6

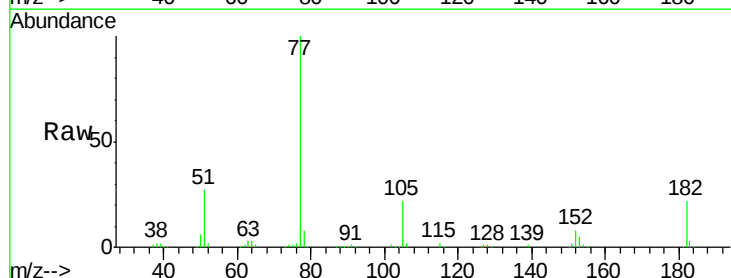


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

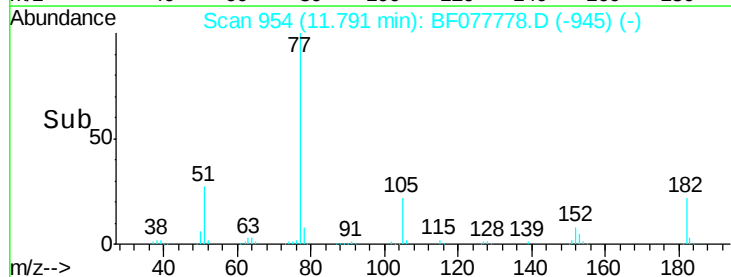
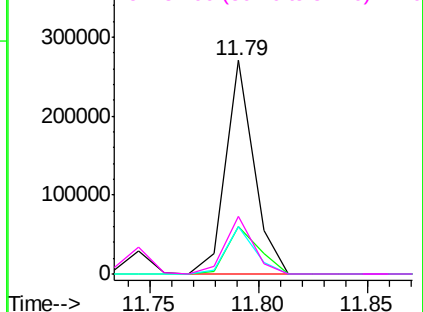


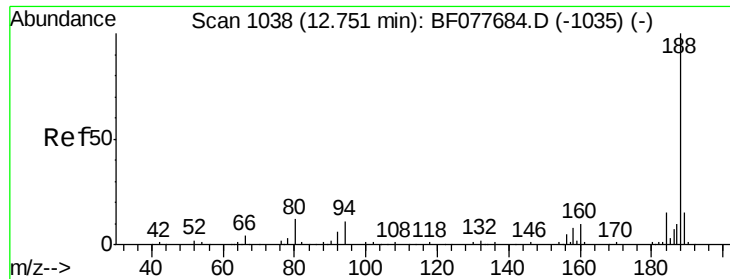
#62
Azobenzene
Concen: 47.91 ng
RT: 11.79 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF077778.D
Acq: 17 Mar 2015 18:19

Tgt Ion: 77 Resp: 242672
Ion Ratio Lower Upper
77 100
182 22.1 6.5 46.5
105 22.3 3.8 43.8
51 27.2 5.5 45.5



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

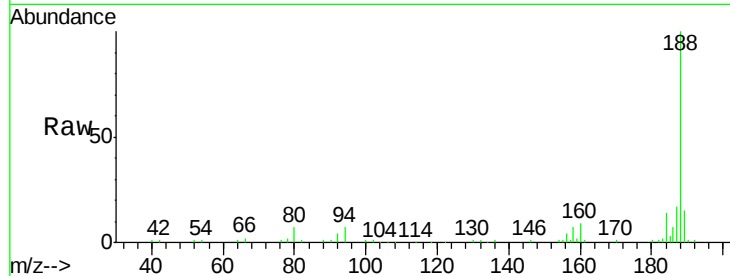




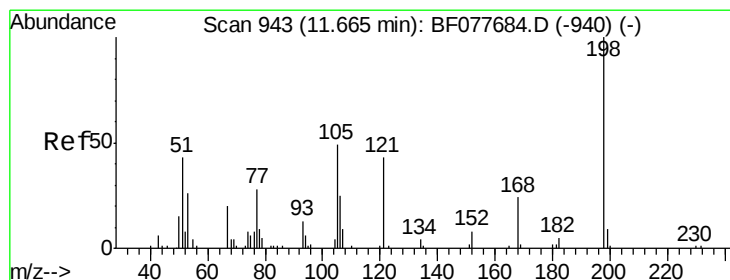
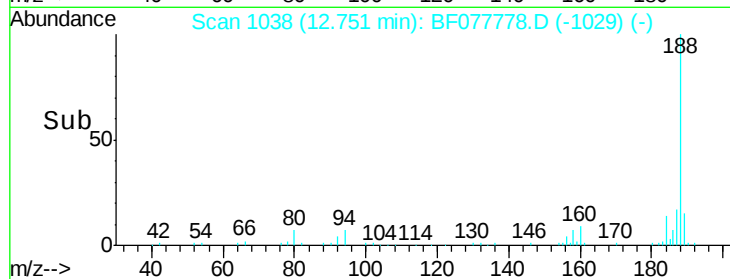
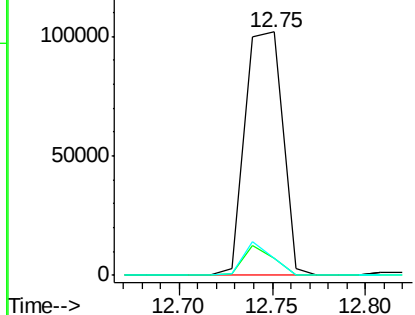
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.75 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF077778.D
 Acq: 17 Mar 2015 18:19

Instrument :
 BNA_F
 ClientSampleId :
 PB82148BSD

Tgt Ion:188 Resp: 142077
 Ion Ratio Lower Upper
 188 100
 94 6.8 8.7 13.1#
 80 7.0 9.3 13.9#

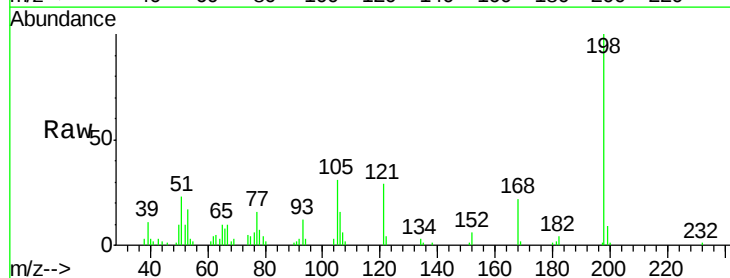


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

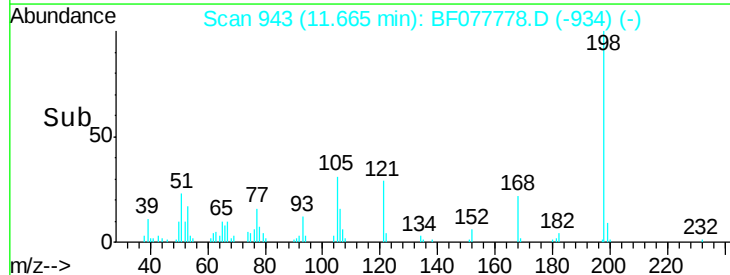
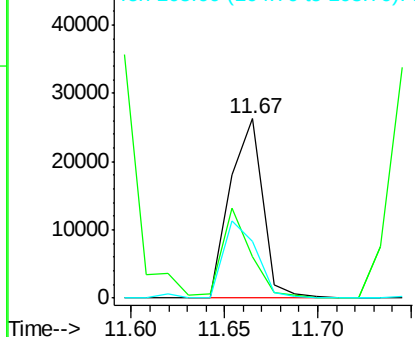


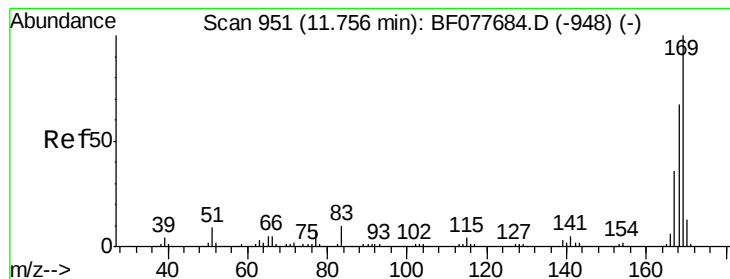
#64
 4,6-Dinitro-2-methylphenol
 Concen: 48.10 ng
 RT: 11.67 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BF077778.D
 Acq: 17 Mar 2015 18:19

Tgt Ion:198 Resp: 32274
 Ion Ratio Lower Upper
 198 100
 51 23.4 28.8 68.8#
 105 31.5 30.5 70.5



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 47.87 ng

RT: 11.75 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF077778.D

Acq: 17 Mar 2015 18:19

Instrument :

BNA_F

ClientSampleId :

PB82148BSD

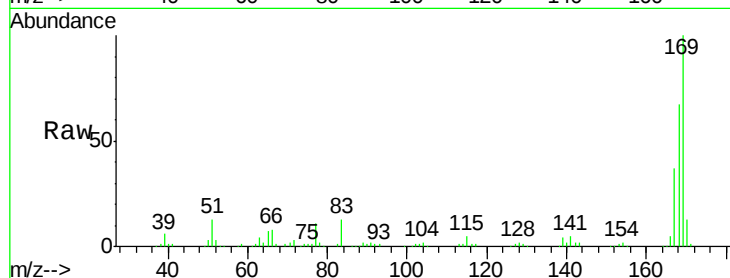
Tgt Ion:169 Resp: 226446

Ion Ratio Lower Upper

169 100

168 67.1 53.9 80.9

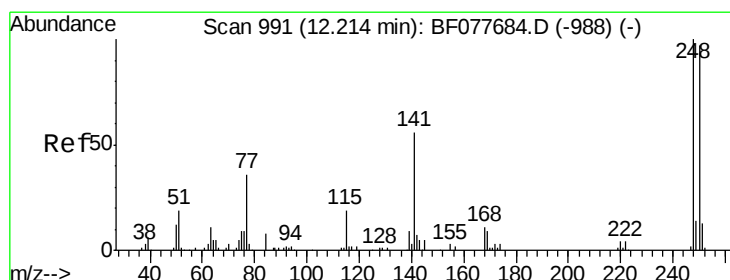
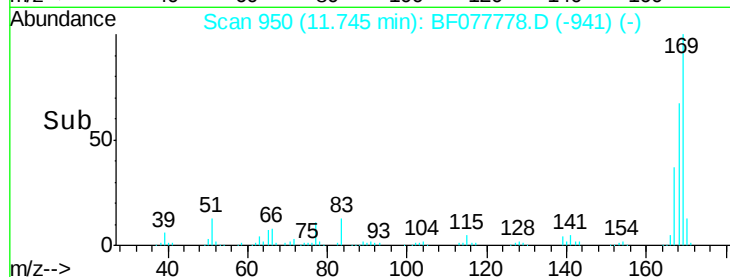
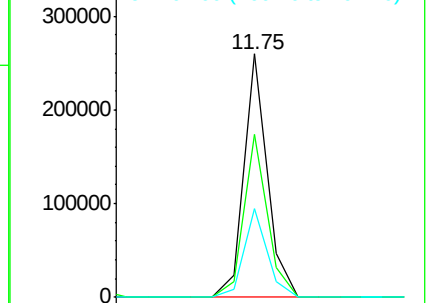
167 36.5 28.9 43.3



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: 48.37 ng

RT: 12.20 min Scan# 990

Delta R.T. 0.00 min

Lab File: BF077778.D

Acq: 17 Mar 2015 18:19

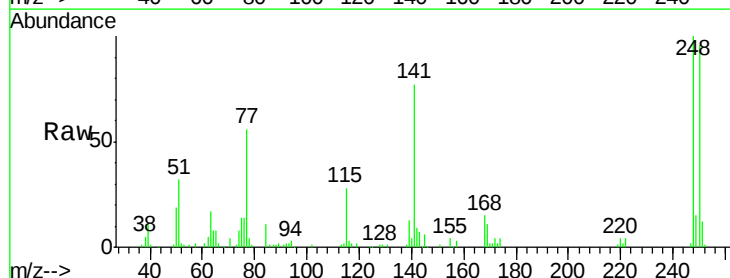
Tgt Ion:248 Resp: 73333

Ion Ratio Lower Upper

248 100

250 96.3 77.4 116.0

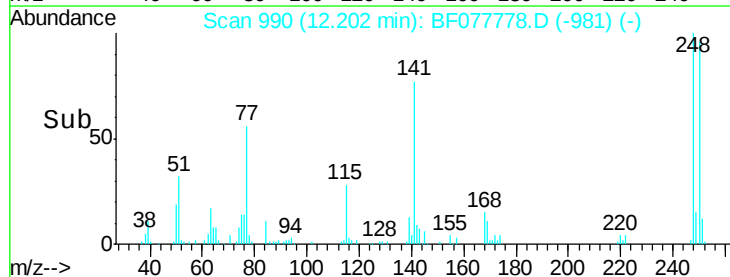
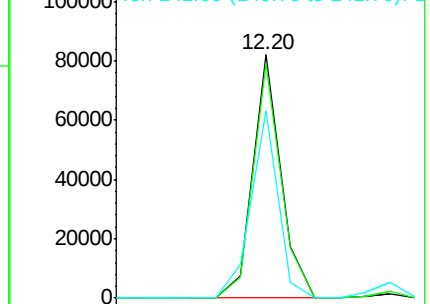
141 77.0 45.2 67.8#

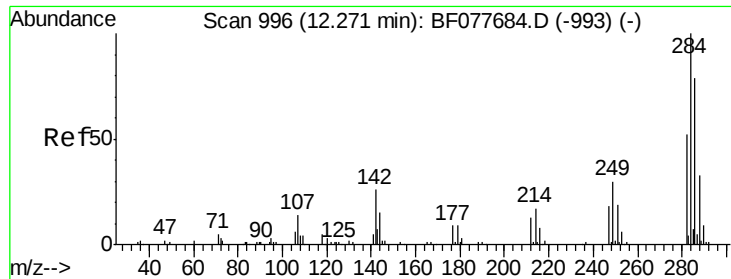


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

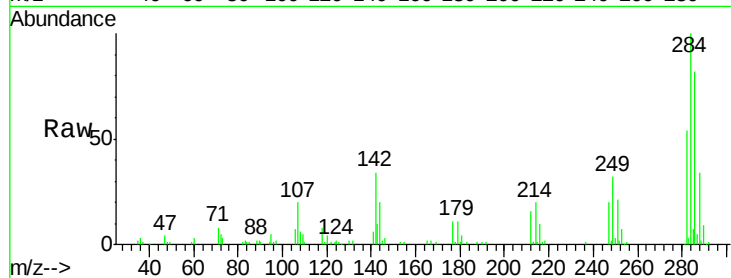




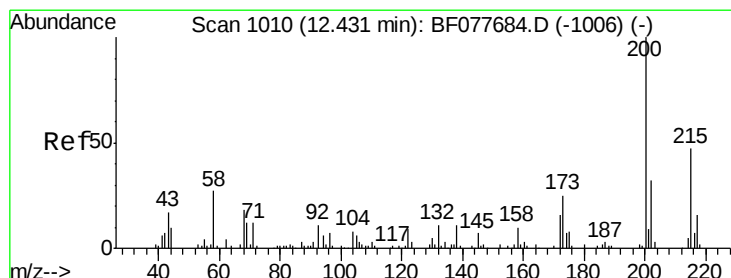
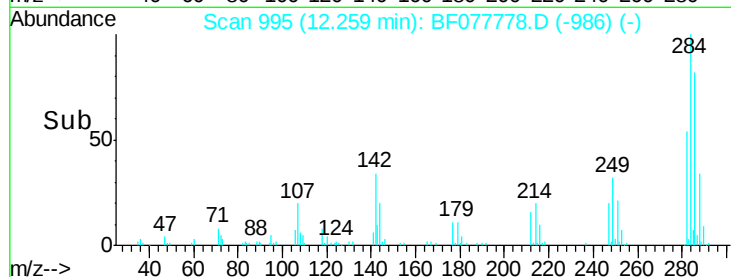
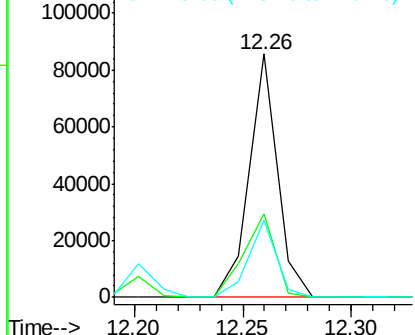
#67
Hexachlorobenzene
Concen: 46.43 ng
RT: 12.26 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF077778.D
Acq: 17 Mar 2015 18:19

Instrument :
BNA_F
ClientSampleId :
PB82148BSD

Tgt Ion:284 Resp: 77348
Ion Ratio Lower Upper
284 100
142 34.5 20.4 30.6#
249 31.8 23.8 35.6

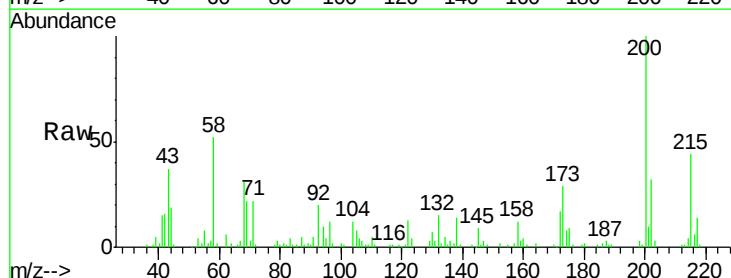


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

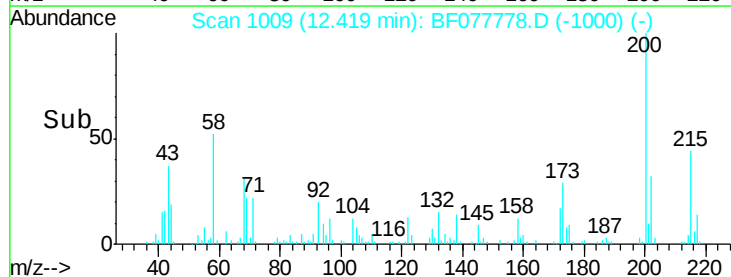
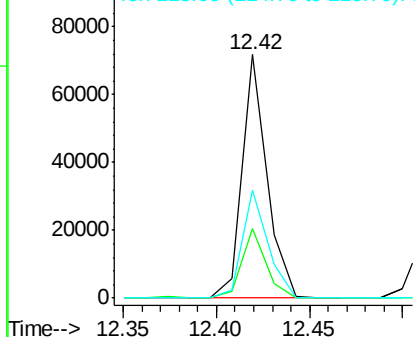


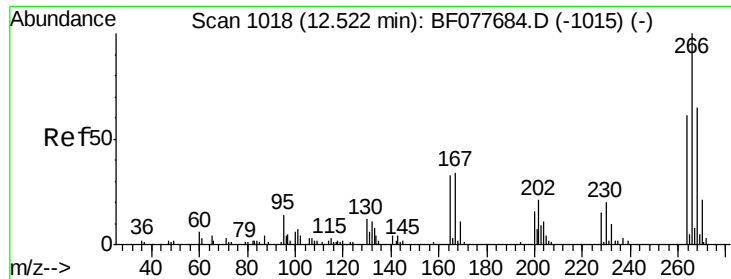
#68
Atrazine
Concen: 50.00 ng
RT: 12.42 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF077778.D
Acq: 17 Mar 2015 18:19

Tgt Ion:200 Resp: 66293
Ion Ratio Lower Upper
200 100
173 28.8 4.8 44.8
215 44.1 26.9 66.9



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

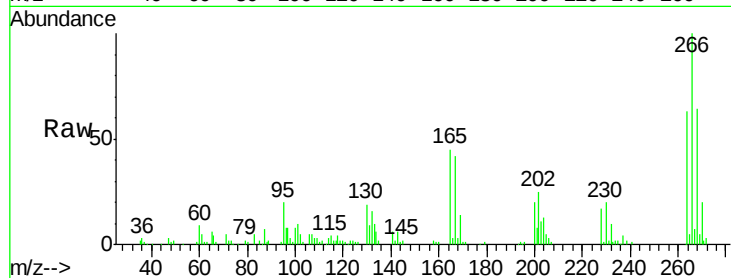




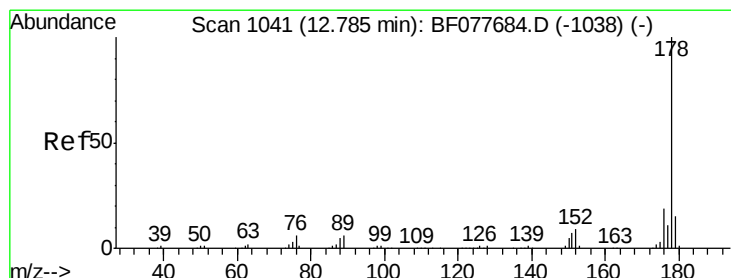
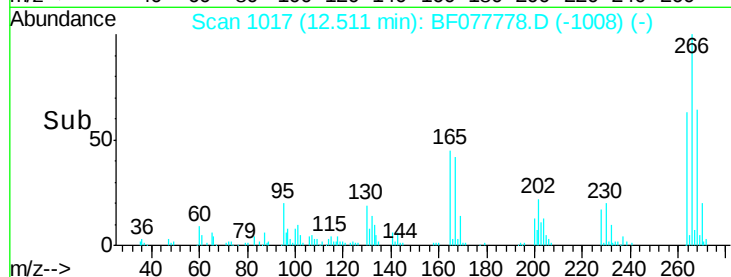
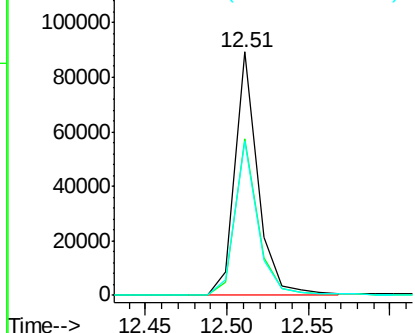
#69
 Pentachlorophenol
 Concen: 99.05 ng
 RT: 12.51 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BF077778.D
 Acq: 17 Mar 2015 18:19

Instrument :
 BNA_F
 ClientSampleId :
 PB82148BSD

Tgt Ion: 266 Resp: 87092
 Ion Ratio Lower Upper
 266 100
 268 64.3 52.0 78.0
 264 63.0 49.0 73.4

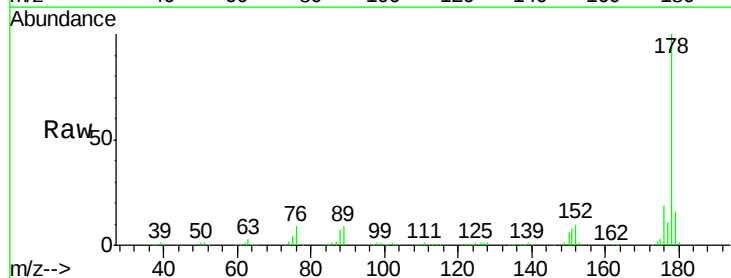


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

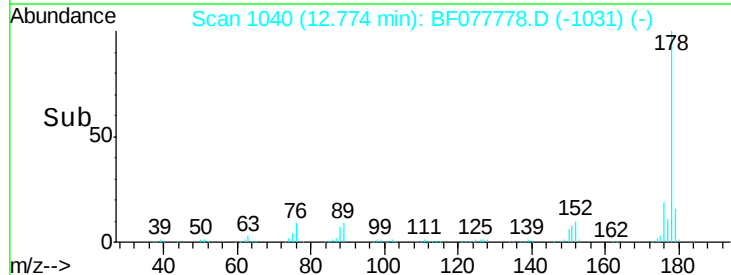
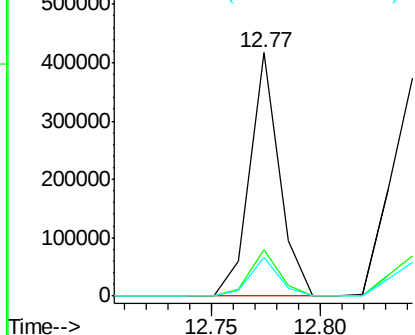


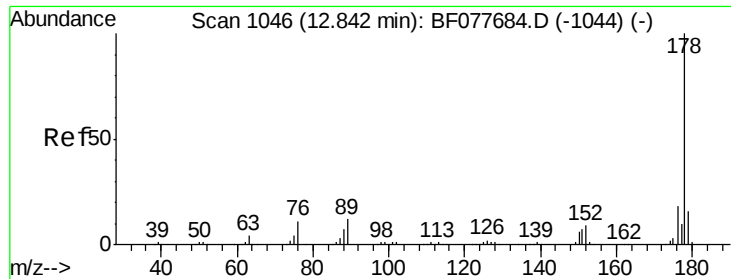
#70
 Phenanthrene
 Concen: 48.26 ng
 RT: 12.77 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF077778.D
 Acq: 17 Mar 2015 18:19

Tgt Ion: 178 Resp: 393633
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.2 22.8
 179 15.7 12.1 18.1



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

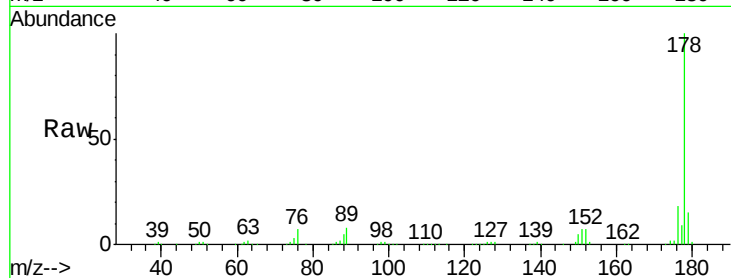




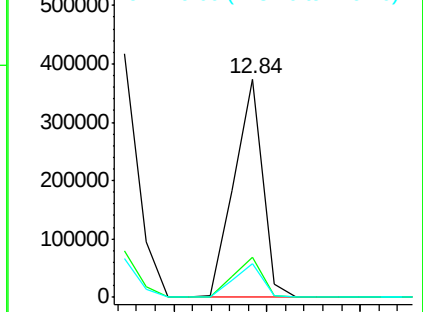
#71
 Anthracene
 Concen: 49.64 ng
 RT: 12.84 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BF077778.D
 Acq: 17 Mar 2015 18:19

Instrument :
 BNA_F
 ClientSampleId :
 PB82148BSD

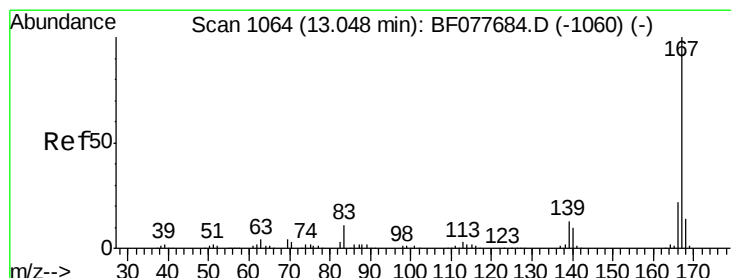
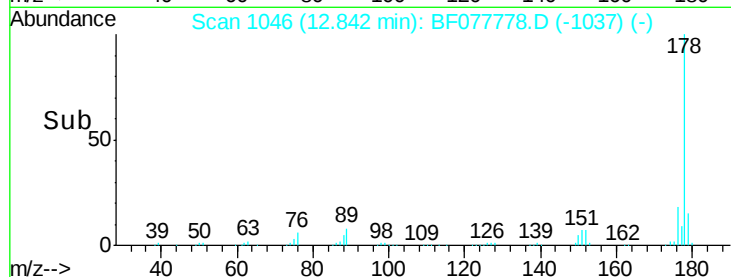
Tgt Ion:178 Resp: 400023
 Ion Ratio Lower Upper
 178 100
 176 18.3 14.6 22.0
 179 15.5 12.6 19.0



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

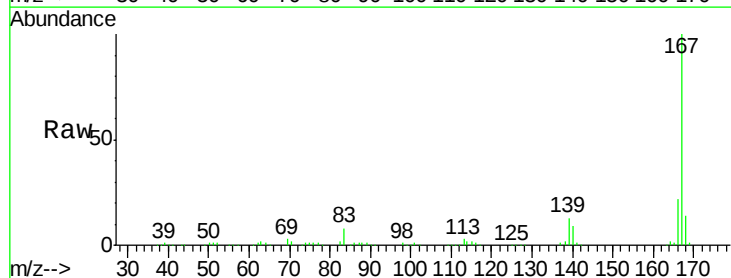


Time-->

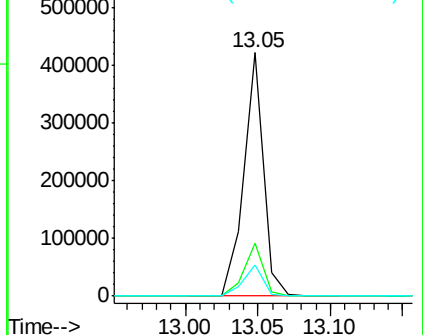


#72
 Carbazole
 Concen: 52.10 ng
 RT: 13.05 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BF077778.D
 Acq: 17 Mar 2015 18:19

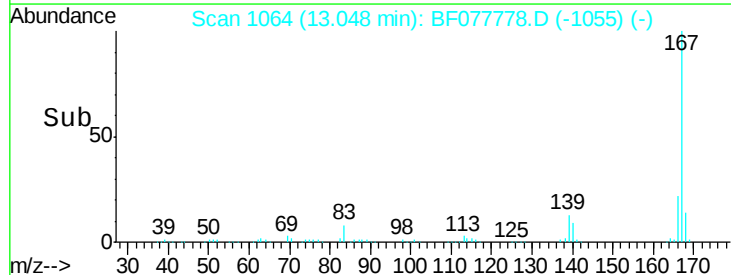
Tgt Ion:167 Resp: 399375
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.2 25.8
 139 12.7 10.8 16.2

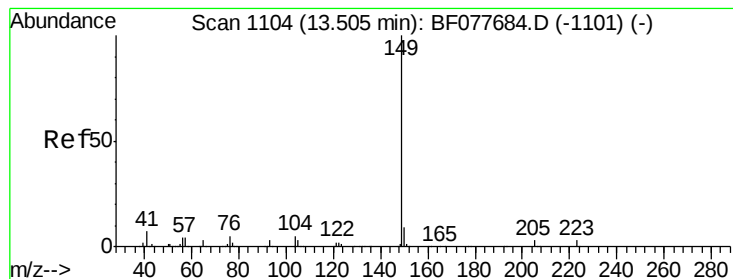


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



Time-->





#73

Di-n-butylphthalate

Concen: 47.98 ng

RT: 13.51 min Scan# 1104

Delta R.T. 0.00 min

Lab File: BF077778.D

Acq: 17 Mar 2015 18:19

Instrument :

BNA_F

ClientSampleId :

PB82148BSD

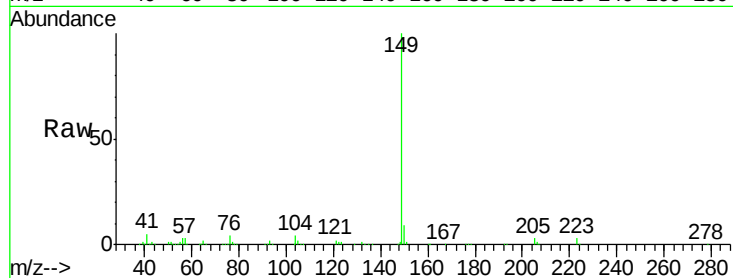
Tgt Ion:149 Resp: 412368

Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

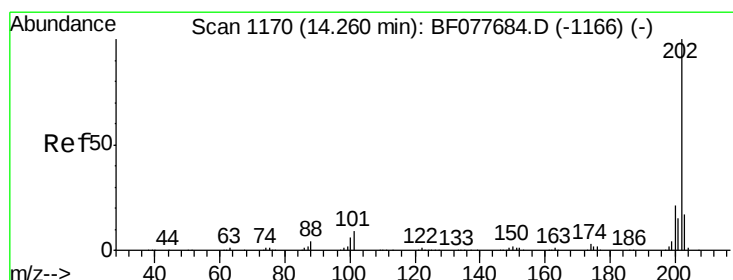
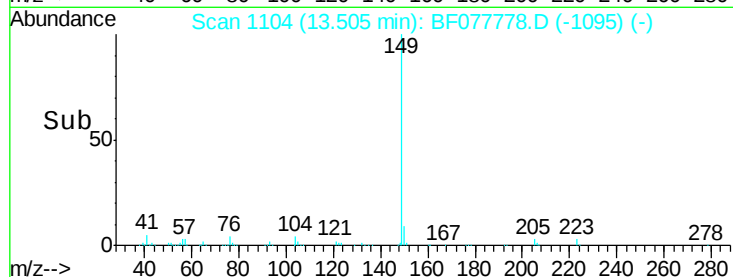
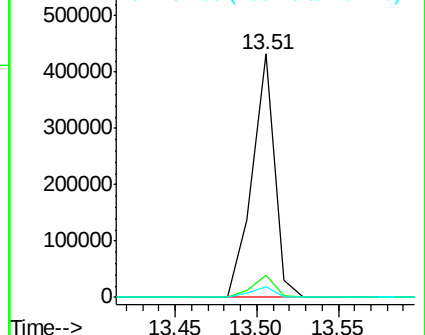
104 4.2 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 48.00 ng

RT: 14.25 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF077778.D

Acq: 17 Mar 2015 18:19

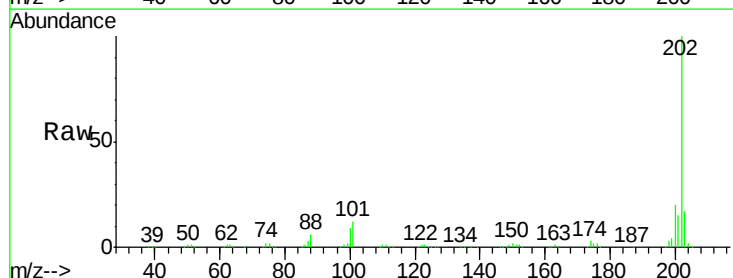
Tgt Ion:202 Resp: 431798

Ion Ratio Lower Upper

202 100

101 12.2 0.0 28.7

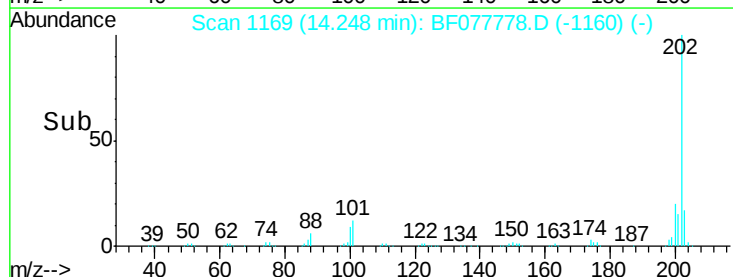
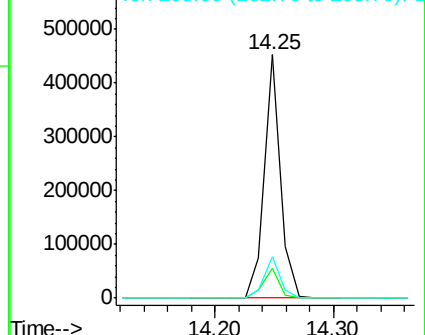
203 17.3 0.0 37.2

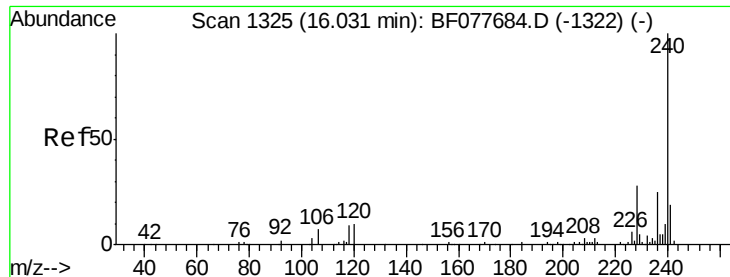


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

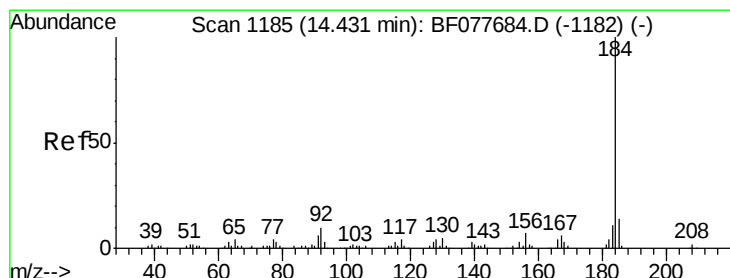
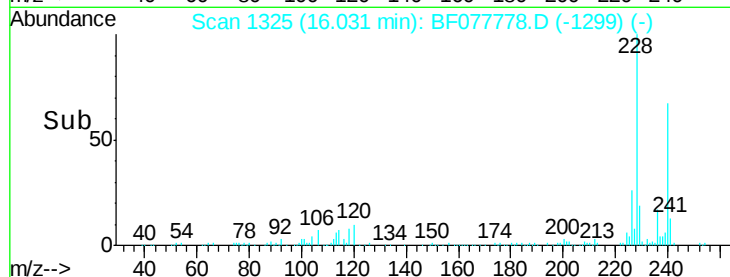
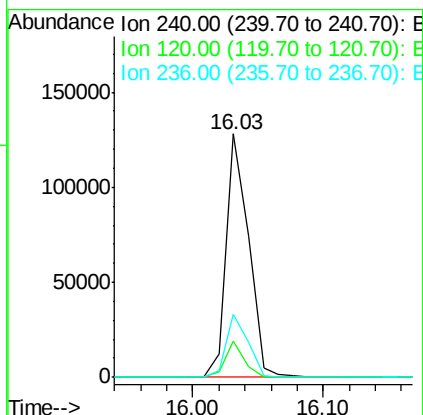
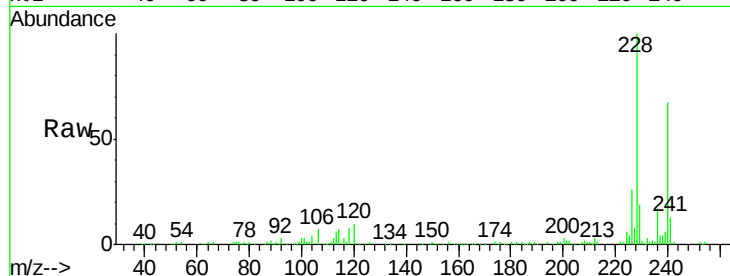




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.03 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF077778.D
Acq: 17 Mar 2015 18:19

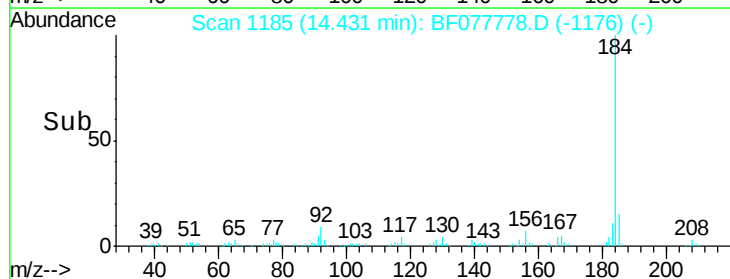
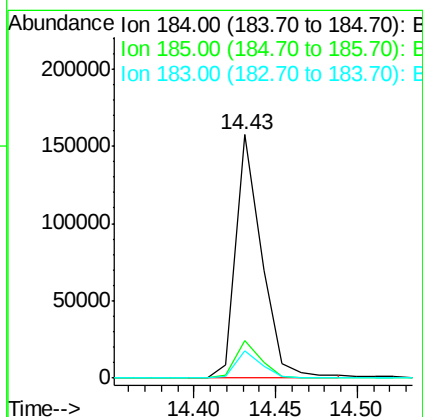
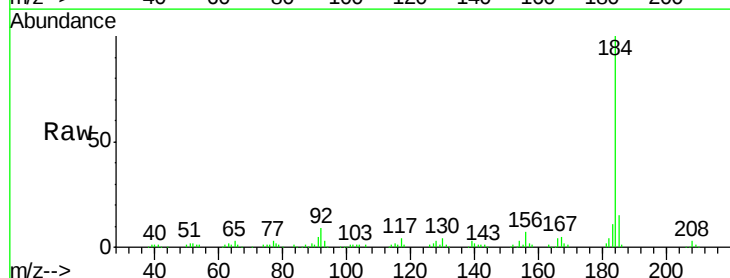
Instrument :
BNA_F
ClientSampleId :
PB82148BSD

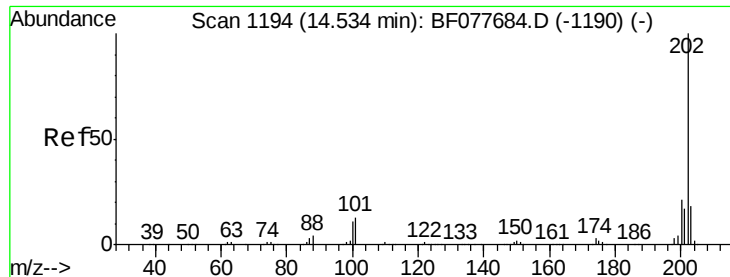
Tgt Ion:240 Resp: 152549
Ion Ratio Lower Upper
240 100
120 14.9 8.2 12.2#
236 25.8 20.0 30.0



#76
Benzidine
Concen: 46.10 ng
RT: 14.43 min Scan# 1185
Delta R.T. 0.00 min
Lab File: BF077778.D
Acq: 17 Mar 2015 18:19

Tgt Ion:184 Resp: 173686
Ion Ratio Lower Upper
184 100
185 15.3 11.3 16.9
183 11.2 8.9 13.3

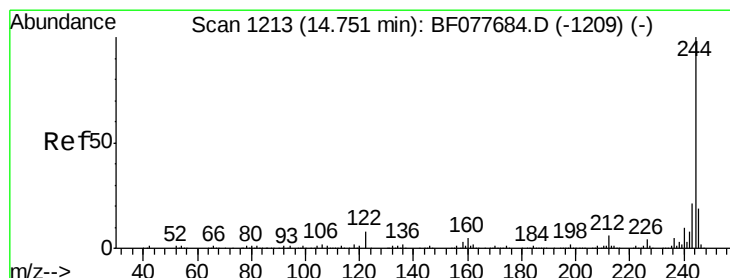
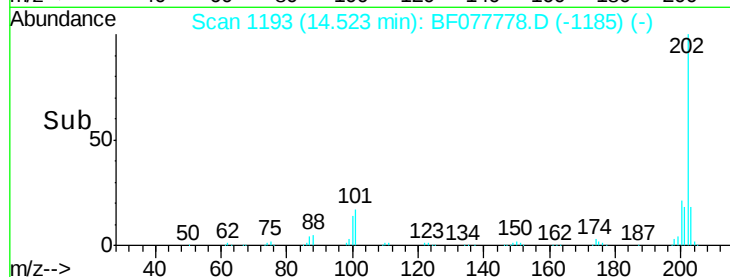
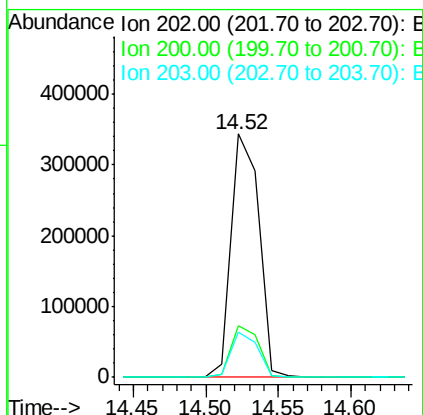
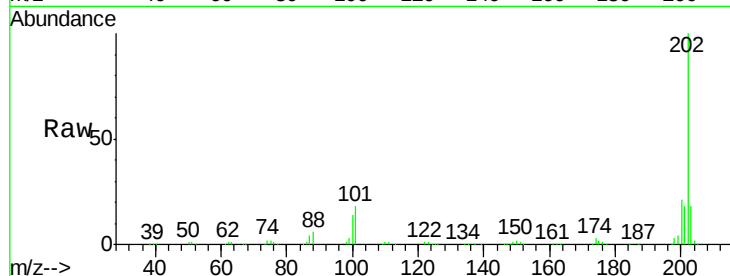




#77
 Pyrene
 Concen: 47.60 ng
 RT: 14.52 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF077778.D
 Acq: 17 Mar 2015 18:19

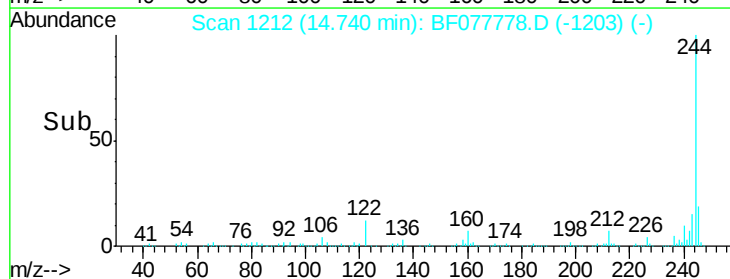
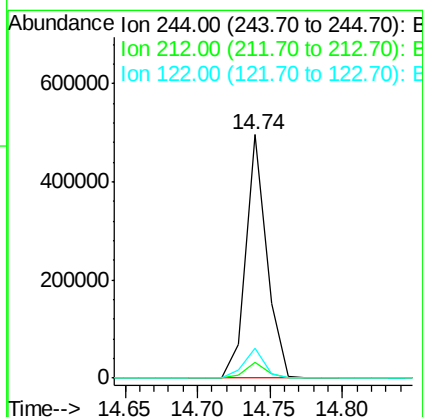
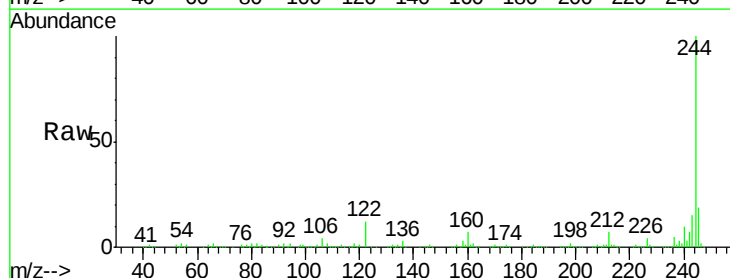
Instrument :
 BNA_F
 ClientSampleId :
 PB82148BSD

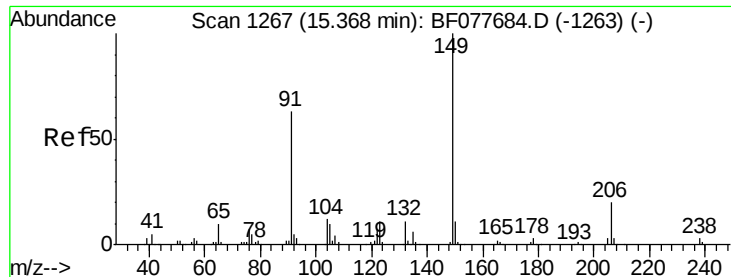
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	18.3	14.1	21.1



#78
 Terphenyl-d14
 Concen: 79.61 ng
 RT: 14.74 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF077778.D
 Acq: 17 Mar 2015 18:19

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	4.9	7.3
122	12.2	6.2	9.4





#79

Butylbenzylphthalate

Concen: 48.98 ng

RT: 15.37 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BF077778.D

Acq: 17 Mar 2015 18:19

Instrument :

BNA_F

ClientSampleId :

PB82148BSD

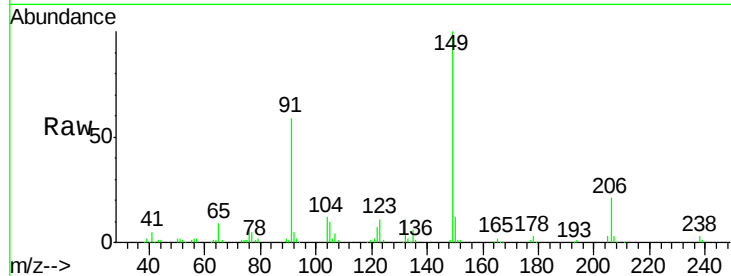
Tgt Ion:149 Resp: 185259

Ion Ratio Lower Upper

149 100

91 58.8 50.1 75.1

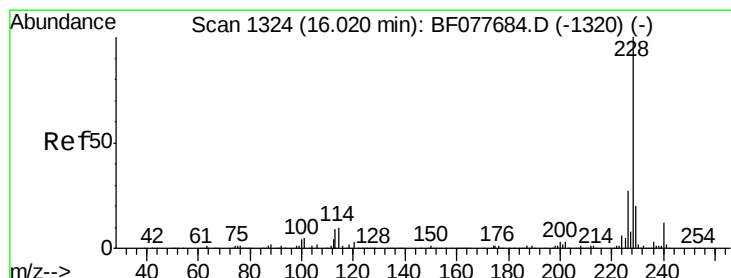
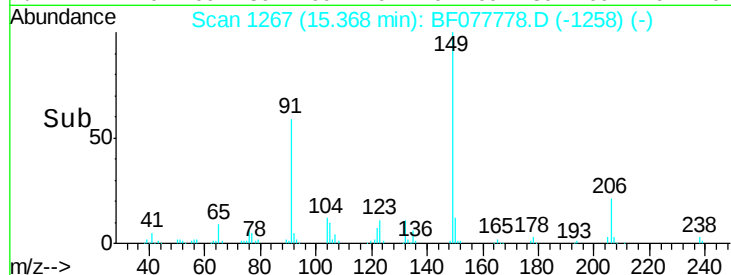
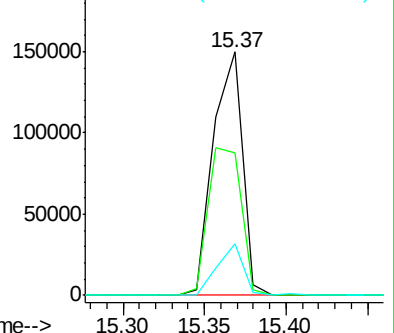
206 21.4 16.2 24.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 48.26 ng

RT: 16.02 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF077778.D

Acq: 17 Mar 2015 18:19

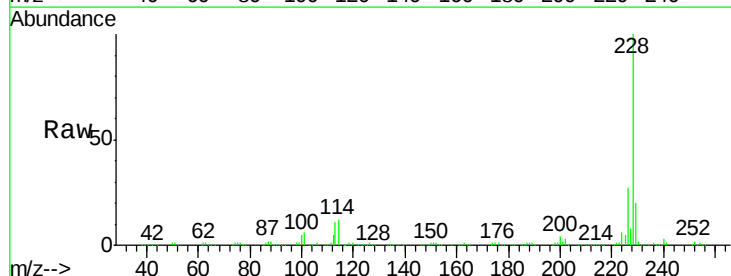
Tgt Ion:228 Resp: 436421

Ion Ratio Lower Upper

228 100

226 26.8 21.7 32.5

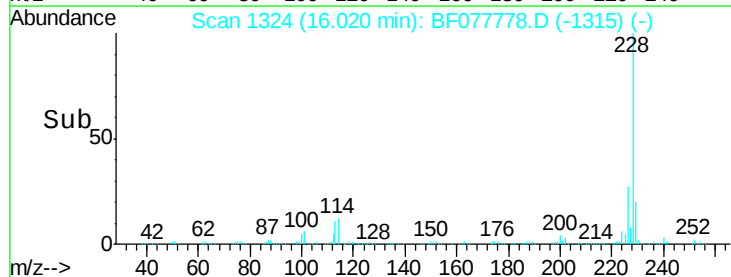
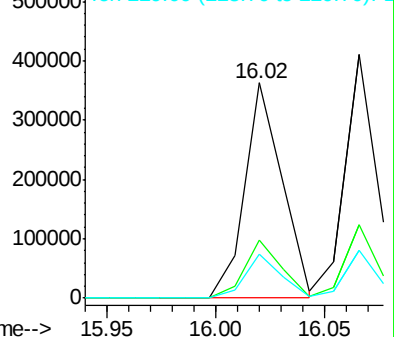
229 20.3 16.0 24.0

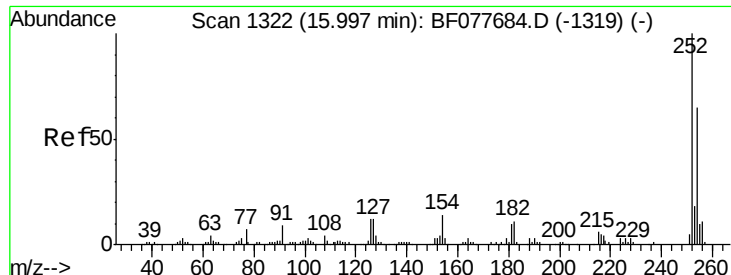


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

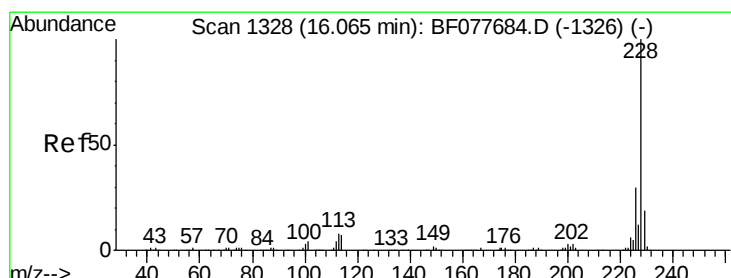
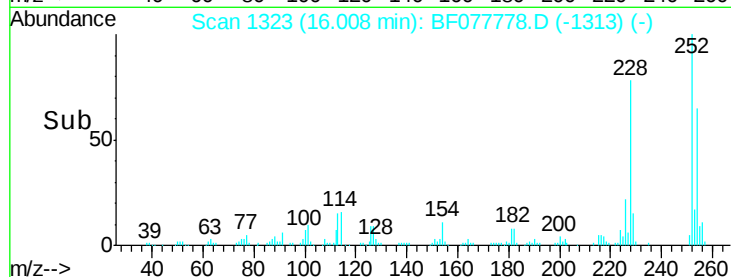
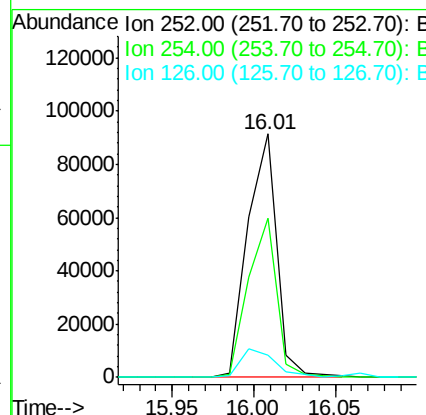
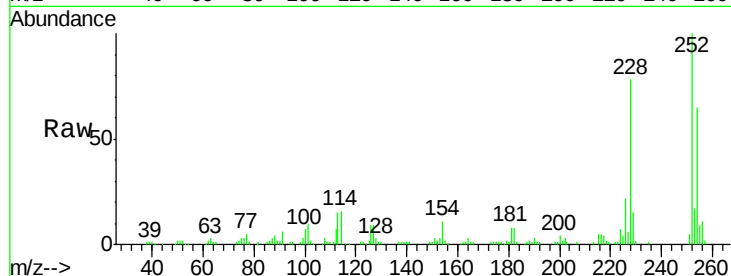




#81
 3,3'-Dichlorobenzidine
 Concen: 37.85 ng
 RT: 16.01 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: BF077778.D
 Acq: 17 Mar 2015 18:19

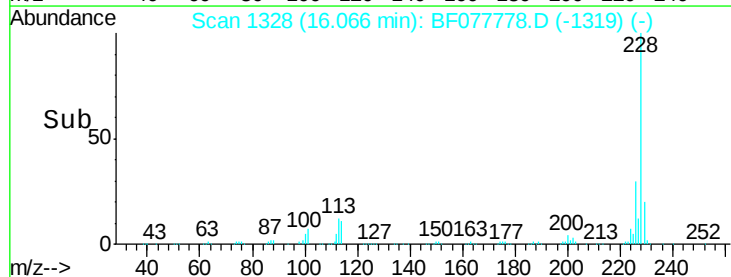
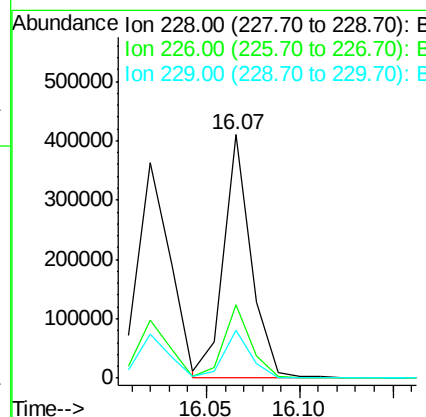
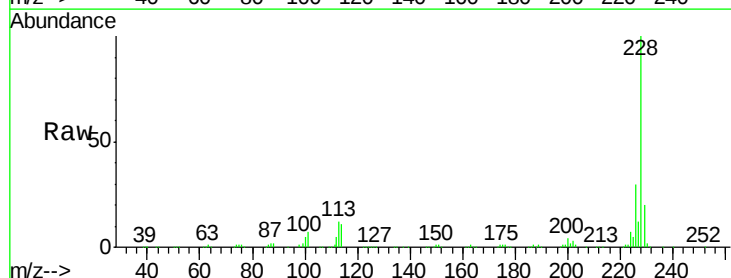
Instrument :
 BNA_F
 ClientSampleId :
 PB82148BSD

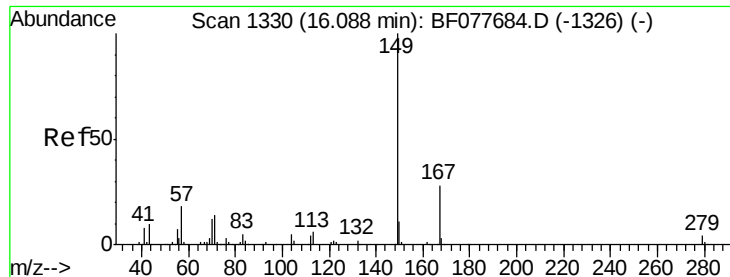
Tgt Ion:252 Resp: 112918
 Ion Ratio Lower Upper
 252 100
 254 65.3 51.9 77.9
 126 9.0 9.8 14.8#



#82
 Chrysene
 Concen: 51.39 ng
 RT: 16.07 min Scan# 1328
 Delta R.T. 0.00 min
 Lab File: BF077778.D
 Acq: 17 Mar 2015 18:19

Tgt Ion:228 Resp: 417867
 Ion Ratio Lower Upper
 228 100
 226 29.9 24.1 36.1
 229 19.7 15.5 23.3

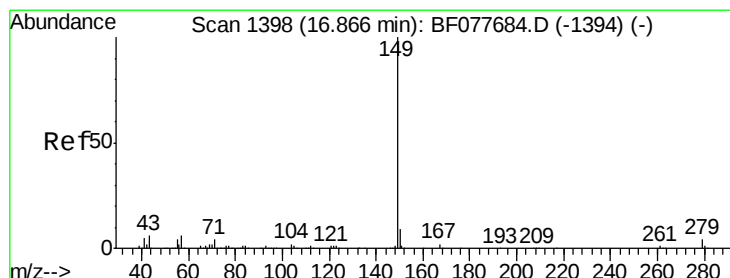
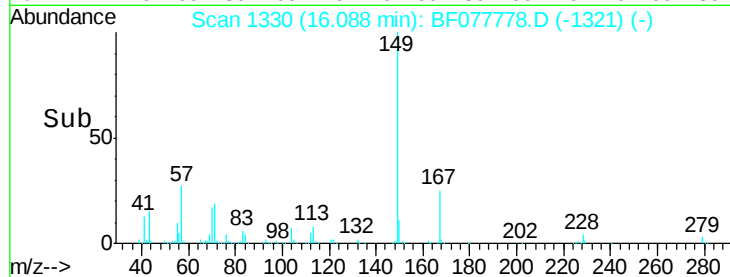
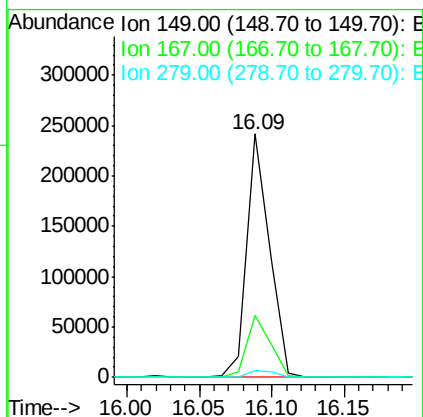
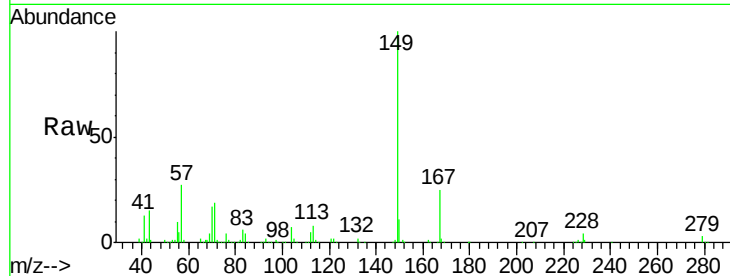




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.07 ng
 RT: 16.09 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: BF077778.D
 Acq: 17 Mar 2015 18:19

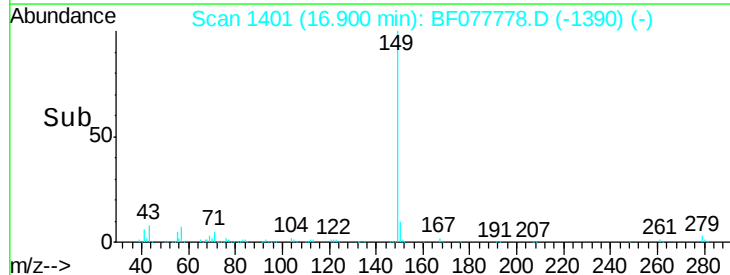
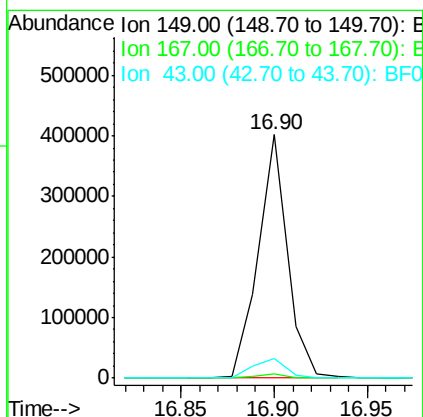
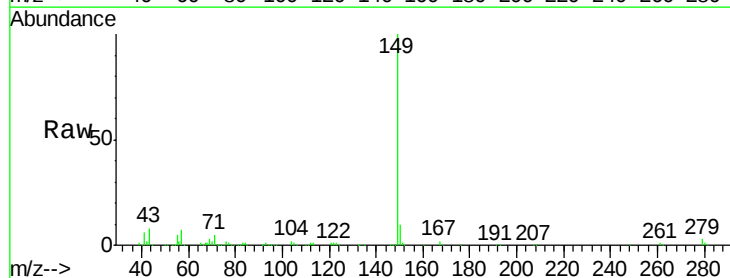
Instrument :
 BNA_F
 ClientSampleId :
 PB82148BSD

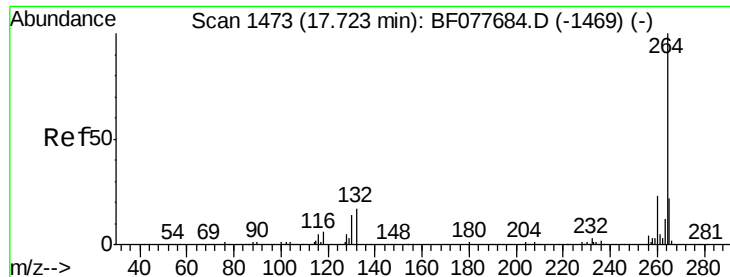
Tgt Ion:149 Resp: 263925
 Ion Ratio Lower Upper
 149 100
 167 25.2 22.4 33.6
 279 2.6 3.4 5.0#



#84
 Di-n-octyl phthalate
 Concen: 44.65 ng
 RT: 16.90 min Scan# 1401
 Delta R.T. 0.02 min
 Lab File: BF077778.D
 Acq: 17 Mar 2015 18:19

Tgt Ion:149 Resp: 437421
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 9.6 7.3 10.9

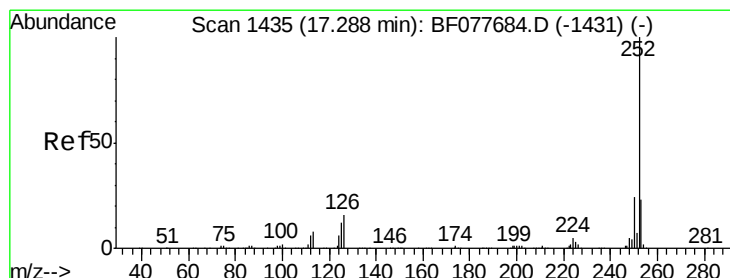
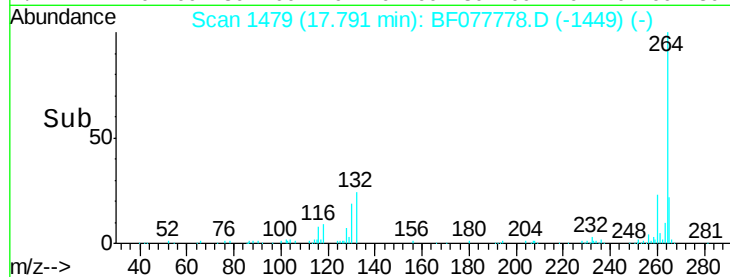
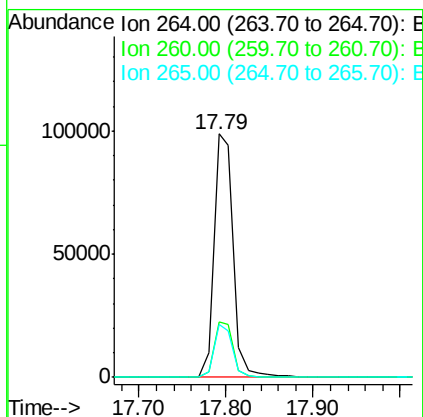
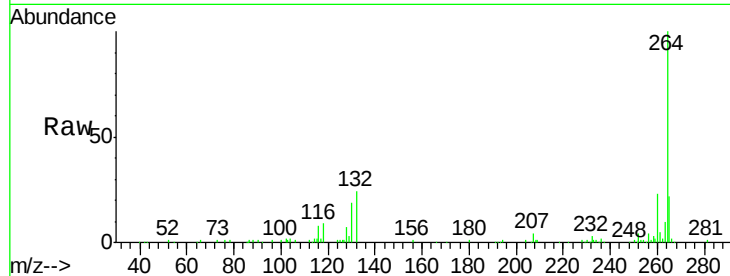




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.79 min Scan# 1479
Delta R.T. 0.05 min
Lab File: BF077778.D
Acq: 17 Mar 2015 18:19

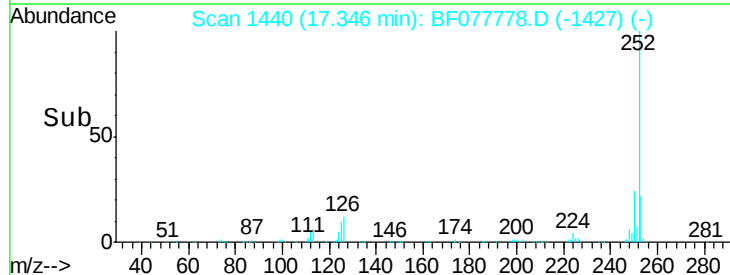
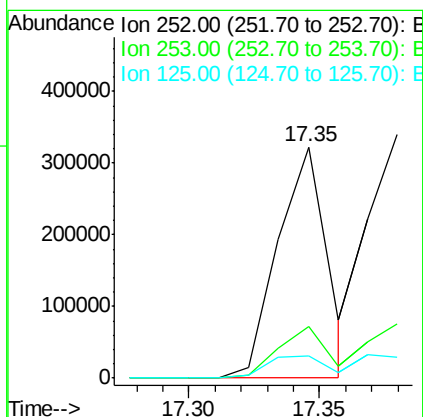
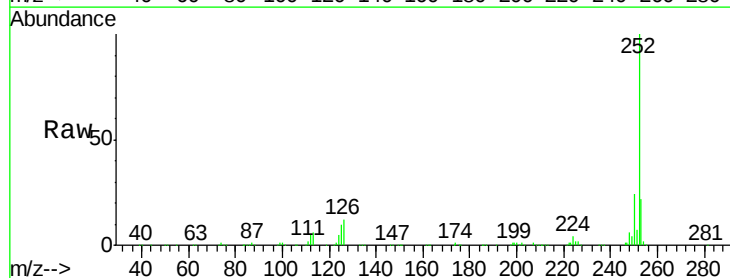
Instrument :
BNA_F
ClientSampleId :
PB82148BSD

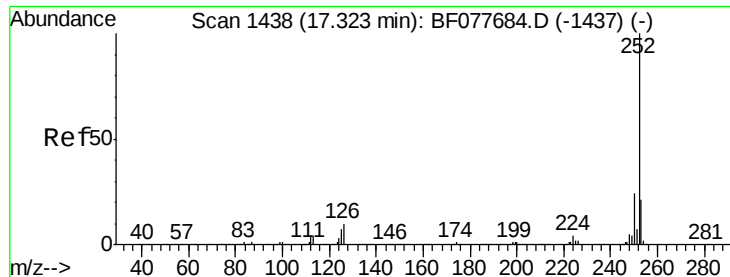
Tgt Ion: 264 Resp: 153229
Ion Ratio Lower Upper
264 100
260 22.9 18.6 27.8
265 21.6 17.3 25.9



#87
Benzo(b)fluoranthene
Concen: 41.95 ng
RT: 17.35 min Scan# 1440
Delta R.T. 0.05 min
Lab File: BF077778.D
Acq: 17 Mar 2015 18:19

Tgt Ion: 252 Resp: 419661
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 9.5 9.9 14.9#





#88

Benzo(k)fluoranthene

Concen: 55.05 ng

RT: 17.38 min Scan# 1443

Delta R.T. 0.05 min

Lab File: BF077778.D

Acq: 17 Mar 2015 18:19

Instrument :

BNA_F

ClientSampleId :

PB82148BSD

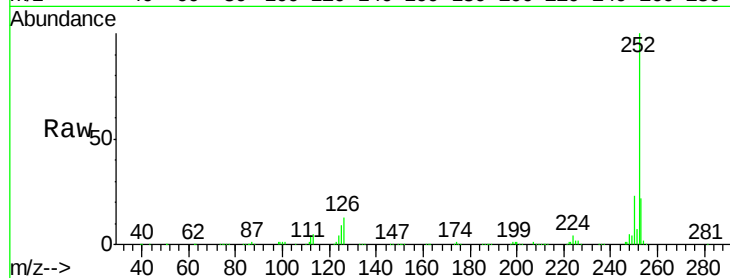
Tgt Ion:252 Resp: 430103

Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

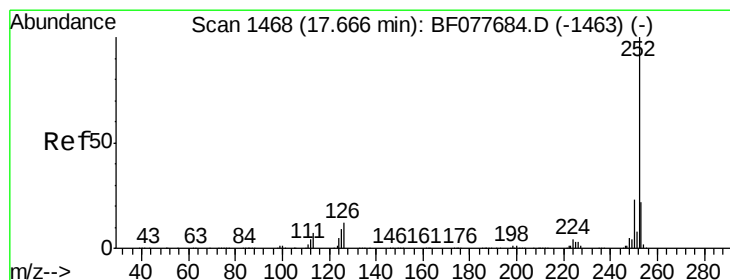
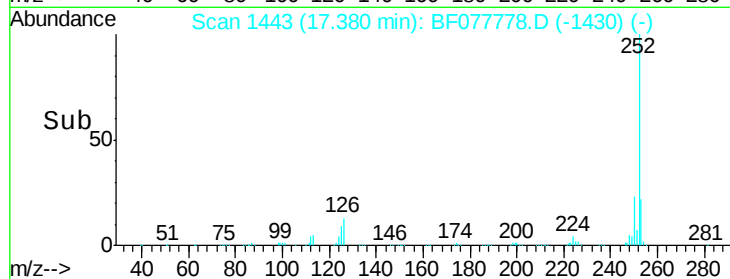
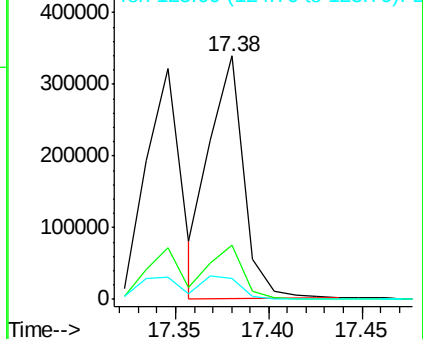
125 8.8 8.1 12.1



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



#89

Benzo(a)pyrene

Concen: 50.10 ng

RT: 17.73 min Scan# 1474

Delta R.T. 0.06 min

Lab File: BF077778.D

Acq: 17 Mar 2015 18:19

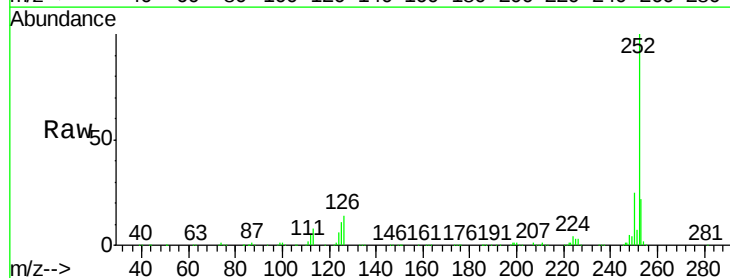
Tgt Ion:252 Resp: 418150

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

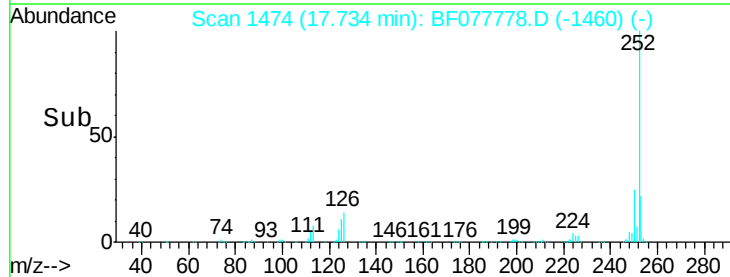
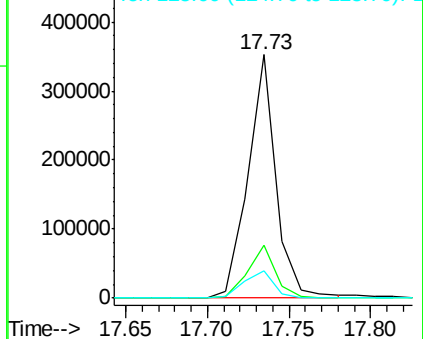
125 11.2 7.4 11.2#

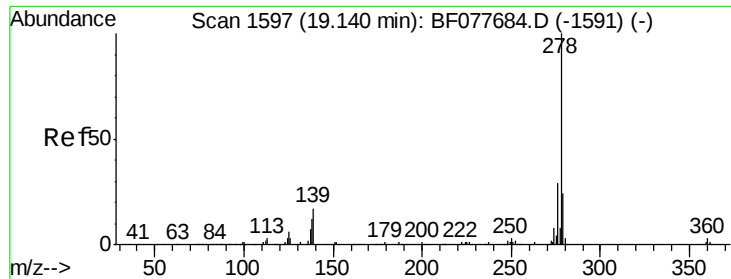


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 46.76 ng

RT: 19.23 min Scan# 1605

Delta R.T. 0.07 min

Lab File: BF077778.D

Acq: 17 Mar 2015 18:19

Instrument :

BNA_F

ClientSampleId :

PB82148BSD

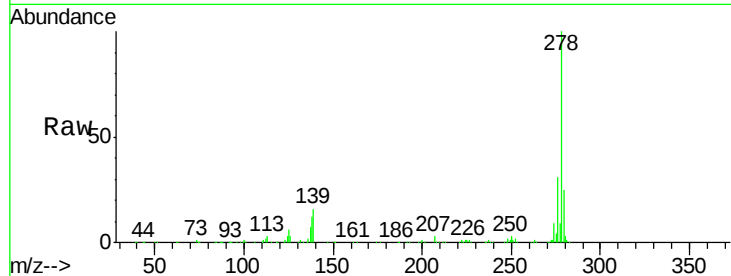
Tgt Ion:278 Resp: 387122

Ion Ratio Lower Upper

278 100

139 15.9 13.4 20.0

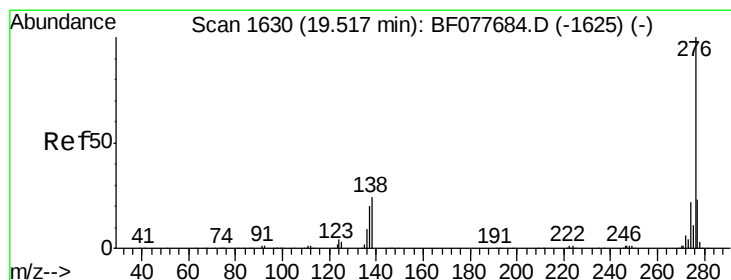
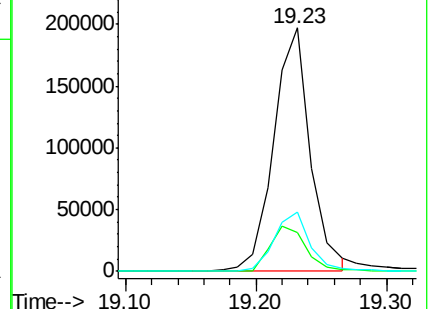
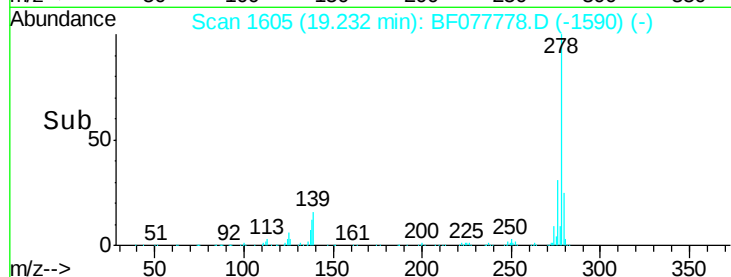
279 24.5 19.0 28.4



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: 48.07 ng

RT: 19.61 min Scan# 1638

Delta R.T. 0.06 min

Lab File: BF077778.D

Acq: 17 Mar 2015 18:19

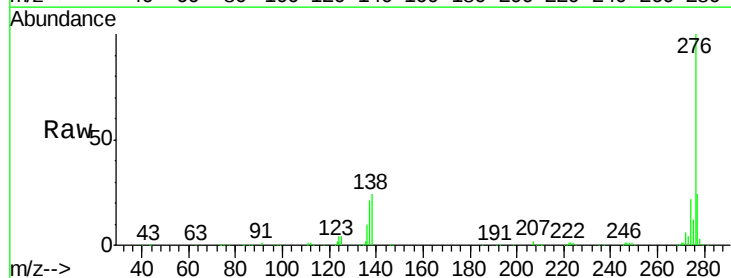
Tgt Ion:276 Resp: 405112

Ion Ratio Lower Upper

276 100

277 23.8 18.5 27.7

138 24.0 19.0 28.6



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

