

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031815\
 Data File : BF077793.D
 Acq On : 18 Mar 2015 10:49
 Operator : TP/IZ
 Sample : G1544-08MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-12(13-15)MS

Quant Time: Mar 18 13:37:32 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 13:16:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	42248	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	171113	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	84726	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	161890	20.00	ng	0.00
75) Chrysene-d12	16.05	240	174880	20.00	ng	-0.08
86) Perylene-d12	17.86	264	162935	20.00	ng	-0.24

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	209242	86.45	ng	0.01
7) Phenol-d6	6.73	99	280026	93.64	ng	0.00
23) Nitrobenzene-d5	7.85	82	148934	57.05	ng	-0.01
41) 2,4,6-Tribromophenol	11.88	330	66126	81.57	ng	-0.01
44) 2-Fluorobiphenyl	10.09	172	342062	59.33	ng	0.00
78) Terphenyl-d14	0.00	244	0	0.00	ng	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.06	88	24606	22.39	ng	# 100
3) Pyridine	2.76	79	62068	21.02	ng	97
4) n-Nitrosodimethylamine	2.68	42	26096	20.30	ng	97
6) Aniline	6.75	93	67881	15.87	ng	# 78
8) 2-Chlorophenol	6.89	128	82436	28.61	ng	99
9) Benzaldehyde	6.60	77	5436	4.44	ng	93
10) Phenol	6.74	94	101155	28.62	ng	87
11) bis(2-Chloroethyl)ether	6.85	93	74242	28.04	ng	98
12) 1,3-Dichlorobenzene	7.08	146	85641	26.73	ng	98
13) 1,4-Dichlorobenzene	7.18	146	86350	25.93	ng	99
14) 1,2-Dichlorobenzene	7.37	146	83176	27.25	ng	99
15) Benzyl Alcohol	7.34	79	63278	27.11	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.53	45	99302	27.83	ng	100
17) 2-Methylphenol	7.49	107	66578	28.39	ng	99
18) Hexachloroethane	7.78	117	29406	26.93	ng	95
19) n-Nitroso-di-n-propylamine	7.68	70	53986	26.10	ng	98
20) 3+4-Methylphenols	7.69	107	84761	27.54	ng	95
22) Acetophenone	7.66	105	111228	29.36	ng	# 99
24) Nitrobenzene	7.88	77	77009	27.38	ng	# 79
25) Isophorone	8.18	82	145586	27.62	ng	100
26) 2-Nitrophenol	8.27	139	38075	27.65	ng	94
27) 2,4-Dimethylphenol	8.34	122	75486	30.10	ng	99
28) bis(2-Chloroethoxy)methane	8.46	93	93353	29.17	ng	99
29) 2,4-Dichlorophenol	8.57	162	69257	28.97	ng	96
30) 1,2,4-Trichlorobenzene	8.67	180	72399	27.06	ng	99
31) Naphthalene	8.76	128	238696	27.16	ng	99
32) Benzoic acid	8.43	122	22463	18.11	ng	93
33) 4-Chloroaniline	8.84	127	66041	18.52	ng	96
34) Hexachlorobutadiene	8.92	225	40205	26.52	ng	99
35) Caprolactam	9.25	113	19988	28.61	ng	99
36) 4-Chloro-3-methylphenol	9.45	107	69189	28.76	ng	91
37) 2-Methylnaphthalene	9.62	142	167660	28.40	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.82	216	71392	28.25	ng	# 100
40) Hexachlorocyclopentadiene	9.81	237	63886	51.67	ng	98

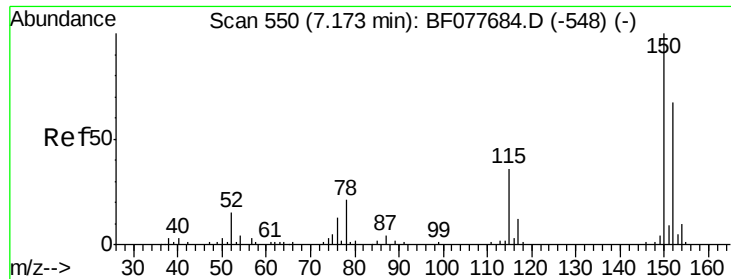
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.97	196	48836	27.90	ng	96
43) 2,4,5-Trichlorophenol	10.02	196	51575	27.27	ng #	87
45) 1,1'-Biphenyl	10.20	154	197879	29.22	ng	97
46) 2-Chloronaphthalene	10.22	162	155535	28.26	ng	97
47) 2-Nitroaniline	10.35	65	39918	29.20	ng #	81
48) Acenaphthylene	10.73	152	245374	26.81	ng	99
49) Dimethylphthalate	10.59	163	186307	29.65	ng	100
50) 2,6-Dinitrotoluene	10.67	165	37929	29.12	ng #	71
51) Acenaphthene	10.94	154	142168	27.09	ng	99
52) 3-Nitroaniline	10.86	138	36693	24.26	ng	88
53) 2,4-Dinitrophenol	11.00	184	23045	51.36	ng #	76
54) Dibenzofuran	11.16	168	227034	29.17	ng	96
55) 4-Nitrophenol	11.08	139	62483	55.76	ng #	66
56) 2,4-Dinitrotoluene	11.16	165	52898	31.14	ng #	79
57) Fluorene	11.58	166	180967	28.00	ng	100
58) 2,3,4,6-Tetrachlorophenol	11.32	232	39309	26.99	ng #	100
59) Diethylphthalate	11.47	149	178385	29.13	ng	97
60) 4-Chlorophenyl-phenylether	11.60	204	82140	27.85	ng	91
61) 4-Nitroaniline	11.62	138	43048	28.55	ng	86
62) Azobenzene	11.79	77	167450	28.61	ng	92
64) 4,6-Dinitro-2-methylphenol	11.66	198	17626	25.29	ng #	74
65) n-Nitrosodiphenylamine	11.74	169	157081	29.14	ng	99
66) 4-Bromophenyl-phenylether	12.20	248	50963	29.50	ng #	87
67) Hexachlorobenzene	12.26	284	53615	28.24	ng #	92
68) Atrazine	12.42	200	46156	30.55	ng	96
69) Pentachlorophenol	12.51	266	53078	54.41	ng	98
70) Phenanthrene	12.77	178	267463	28.78	ng	98
71) Anthracene	12.84	178	270946	29.51	ng	99
72) Carbazole	13.05	167	263010	30.11	ng	98
73) Di-n-butylphthalate	13.51	149	274484	28.03	ng	99
74) Fluoranthene	14.25	202	281825	27.49	ng	94
79) Butylbenzylphthalate	15.37	149	114982	26.52	ng	89
80) Benzo(a)anthracene	16.04	228	287139	27.70	ng	98
81) 3,3'-Dichlorobenzidine	16.02	252	77786	22.75	ng	99
82) Chrysene	16.08	228	261052	28.01	ng	99
83) Bis(2-ethylhexyl)phthalate	16.11	149	186079	28.33	ng #	96
87) Benzo(b)fluoranthene	17.39	252	256620	24.13	ng	97
88) Benzo(k)fluoranthene	17.39	252	256620	30.89	ng	99
89) Benzo(a)pyrene	17.79	252	256652	28.92	ng #	98
90) Dibenzo(a,h)anthracene	19.30	278	218417	24.81	ng	98
91) Benzo(g,h,i)perylene	19.69	276	230585	25.73	ng	98

(#) = 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

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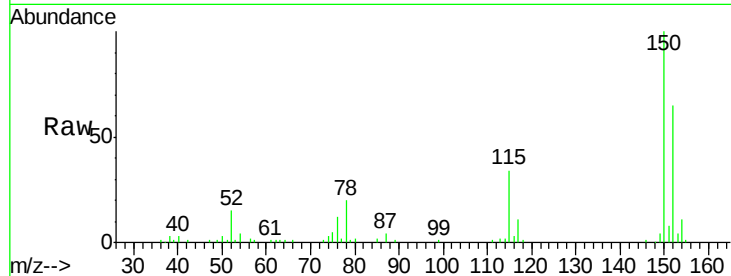
Tgt Ion:152 Resp: 42248

Ion Ratio Lower Upper

152 100

150 154.2 119.5 179.3

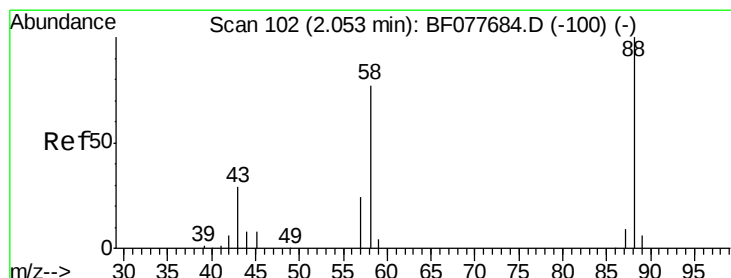
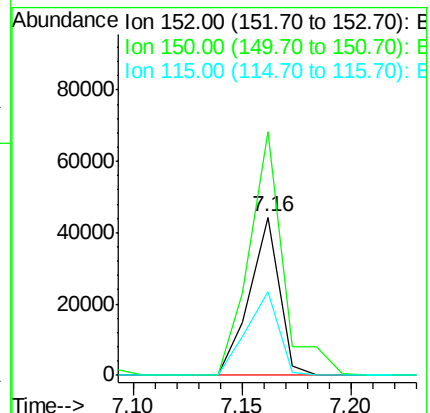
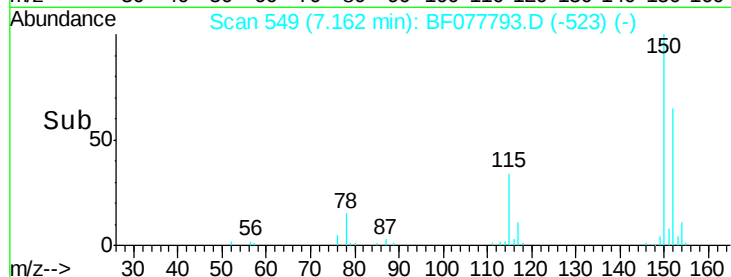
115 53.2 43.0 64.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 22.39 ng

RT: 2.06 min Scan# 103

Delta R.T. 0.02 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

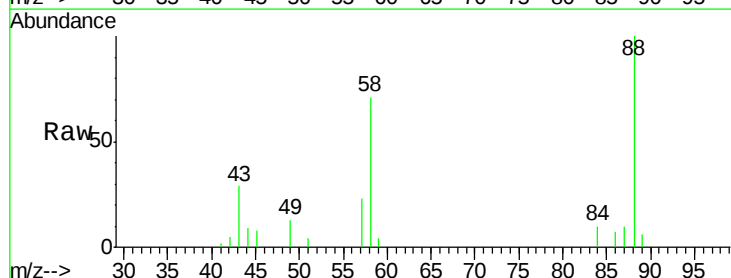
Tgt Ion: 88 Resp: 24606

Ion Ratio Lower Upper

88 100

58 74.3 0.0 0.0#

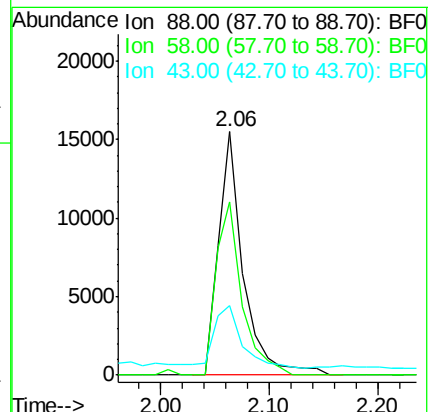
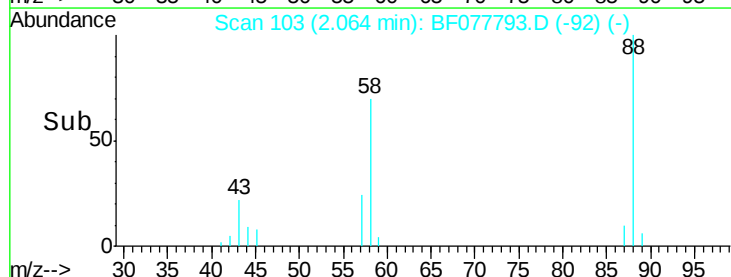
43 29.2 0.0 0.0#

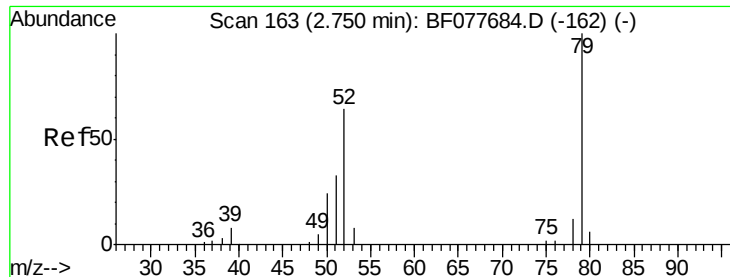


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 21.02 ng

RT: 2.76 min Scan# 164

Delta R.T. 0.03 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

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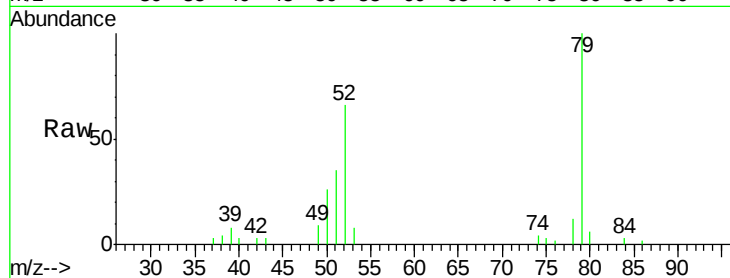
Tgt Ion: 79 Resp: 62068

Ion Ratio Lower Upper

79 100

52 66.0 51.1 76.7

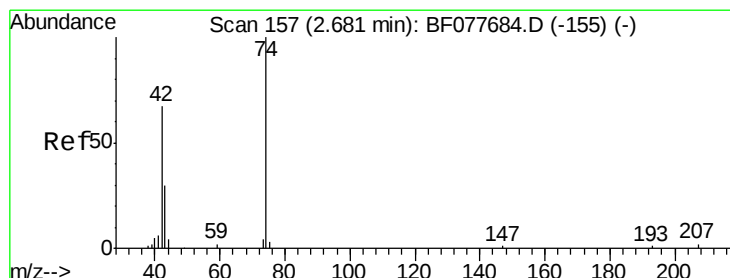
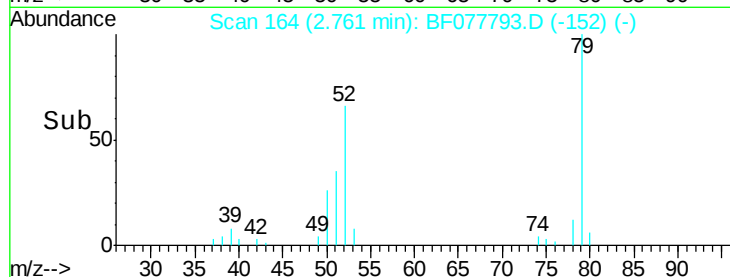
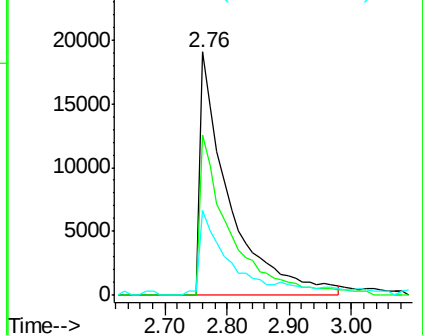
51 35.1 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 20.30 ng

RT: 2.68 min Scan# 157

Delta R.T. 0.02 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

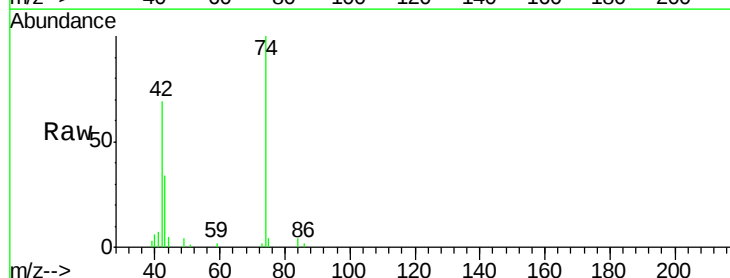
Tgt Ion: 42 Resp: 26096

Ion Ratio Lower Upper

42 100

74 145.3 119.3 178.9

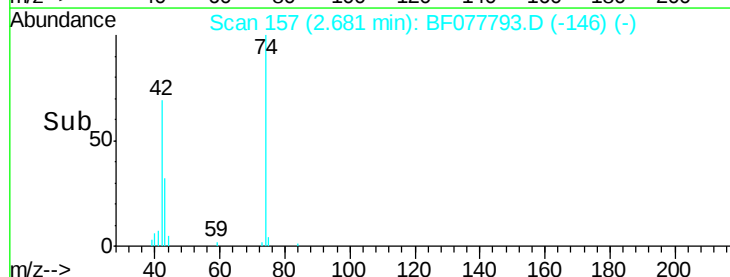
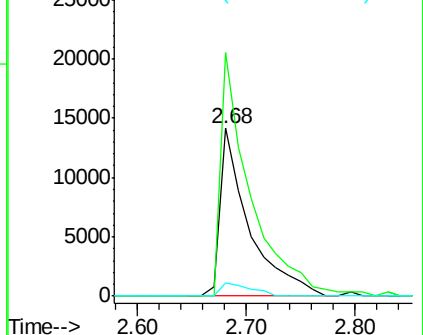
44 7.9 5.4 8.2



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 86.45 ng

RT: 5.45 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

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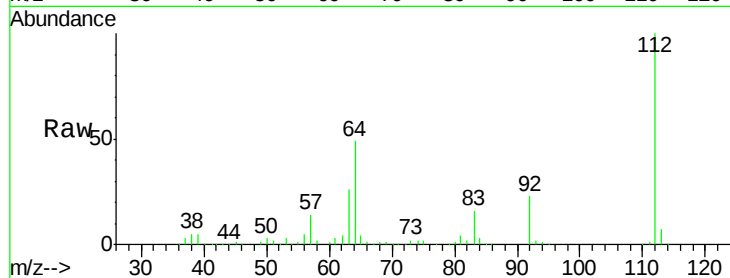
Tgt Ion: 112 Resp: 209242

Ion Ratio Lower Upper

112 100

64 49.0 38.6 57.8

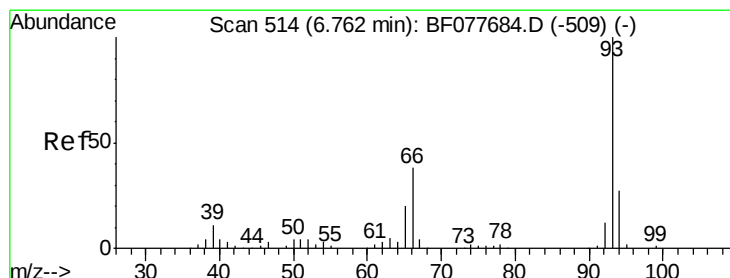
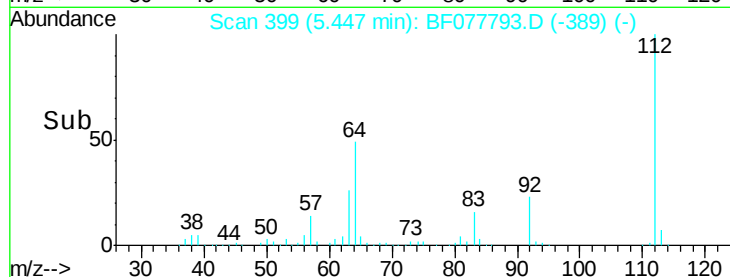
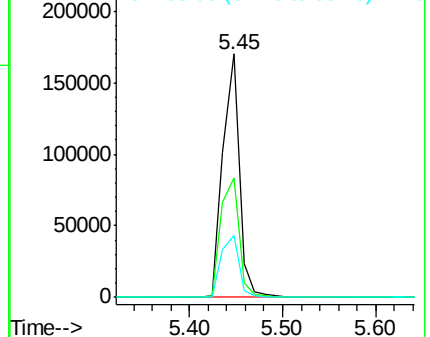
63 25.5 19.3 28.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 15.87 ng

RT: 6.75 min Scan# 513

Delta R.T. -0.00 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

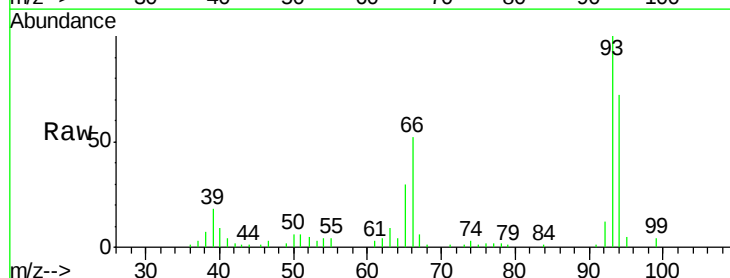
Tgt Ion: 93 Resp: 67881

Ion Ratio Lower Upper

93 100

66 52.2 30.8 46.2#

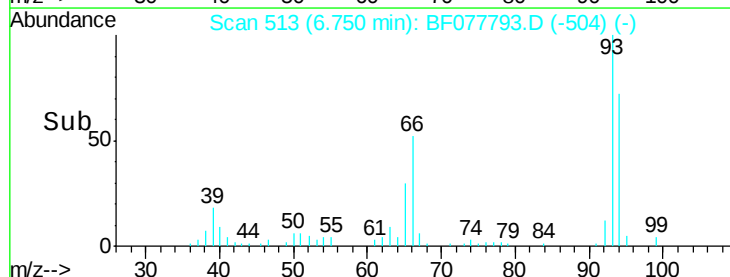
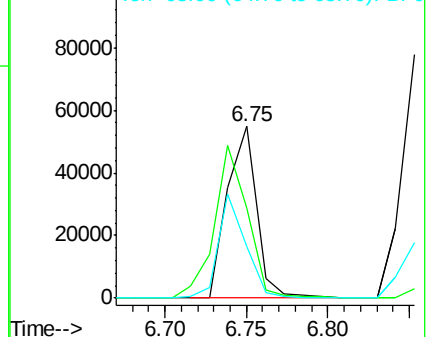
65 30.2 16.0 24.0#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 93.64 ng

RT: 6.73 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

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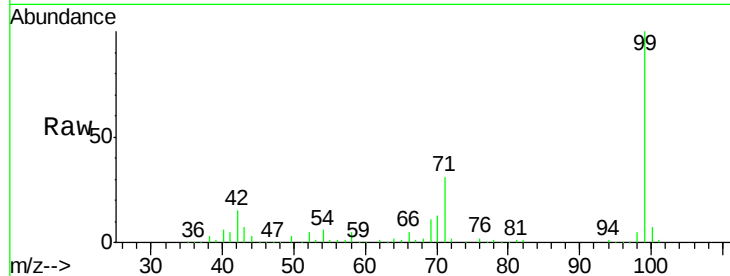
Tgt Ion: 99 Resp: 280026

Ion Ratio Lower Upper

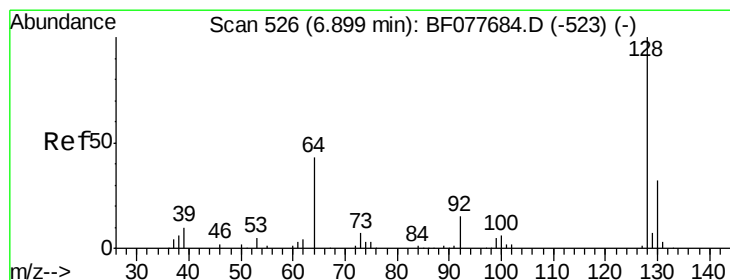
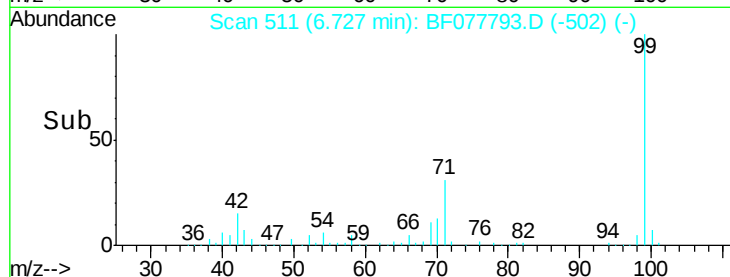
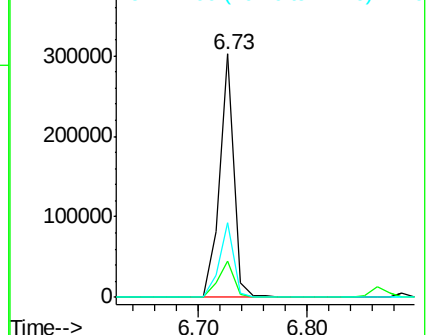
99 100

42 14.7 11.0 16.4

71 30.6 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: 28.61 ng

RT: 6.89 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

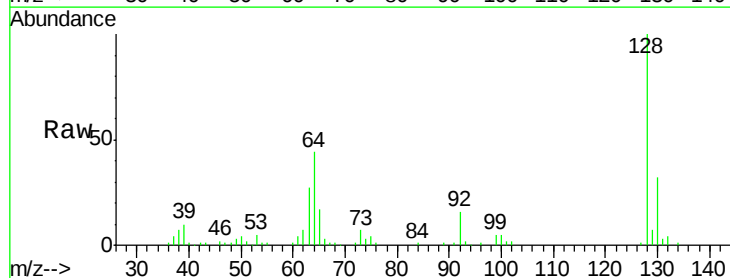
Tgt Ion: 128 Resp: 82436

Ion Ratio Lower Upper

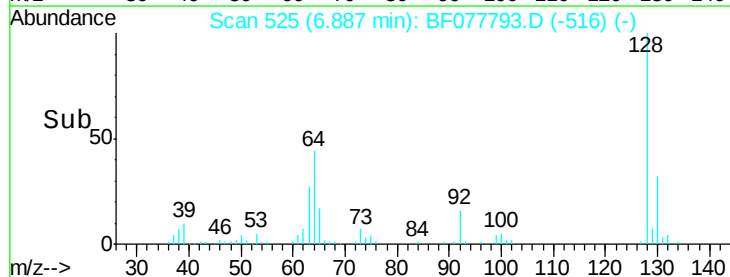
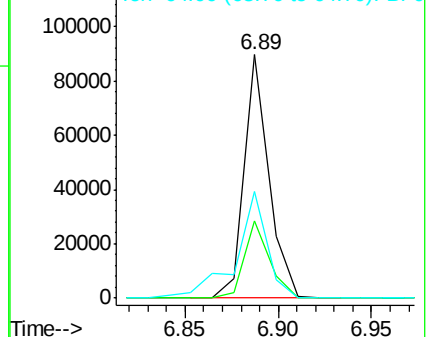
128 100

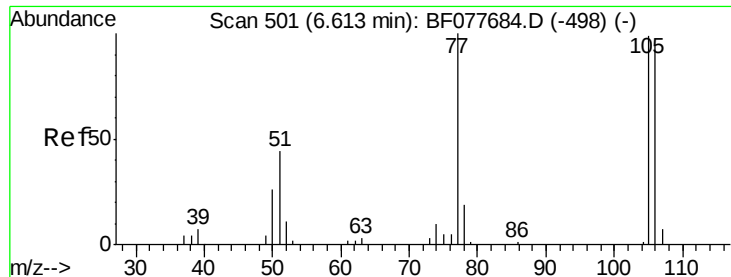
130 31.8 12.0 52.0

64 43.6 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

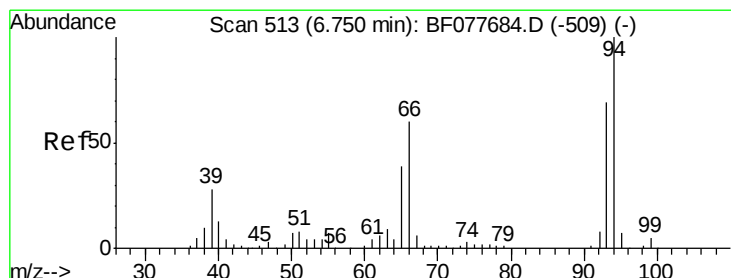
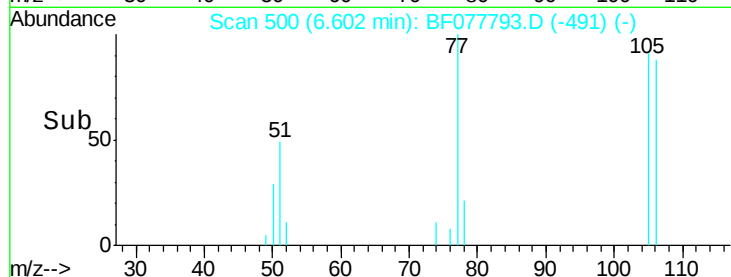
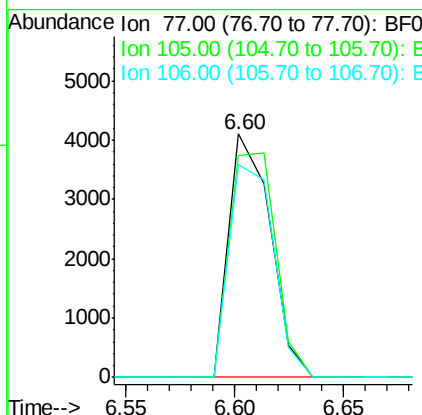
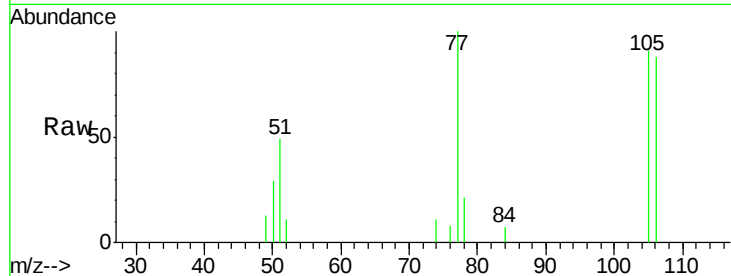




#9
Benzaldehyde
Concen: 4.44 ng
RT: 6.60 min Scan# 500
Delta R.T. -0.00 min
Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

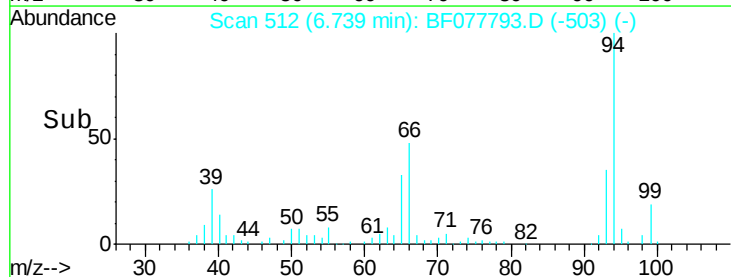
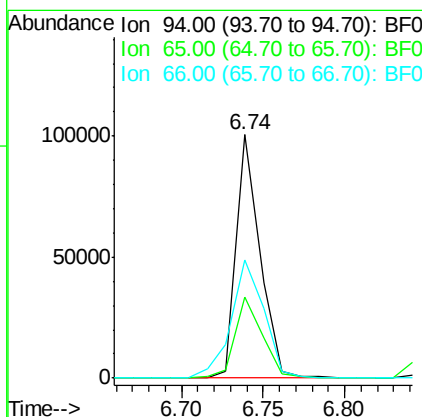
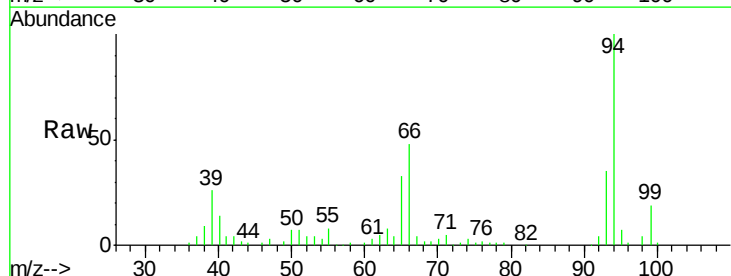
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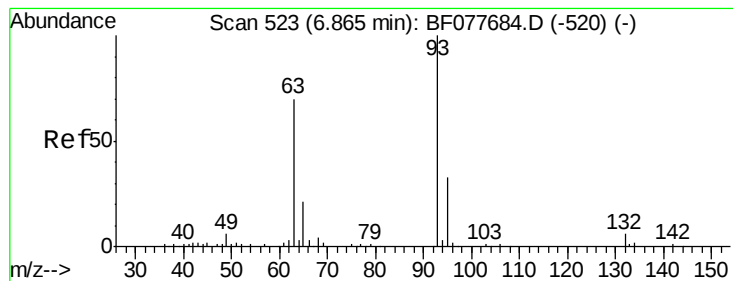
Tgt Ion: 77 Resp: 5436
Ion Ratio Lower Upper
77 100
105 91.3 78.8 118.8
106 87.6 73.7 113.7



#10
Phenol
Concen: 28.62 ng
RT: 6.74 min Scan# 512
Delta R.T. -0.00 min
Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

Tgt Ion: 94 Resp: 101155
Ion Ratio Lower Upper
94 100
65 33.2 18.8 58.8
66 48.4 39.9 79.9





#11

bis(2-Chloroethyl)ether

Concen: 28.04 ng

RT: 6.85 min Scan# 522

Delta R.T. -0.00 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

Instrument :

BNA_F

ClientSampleId :

SB-12(13-15)MS

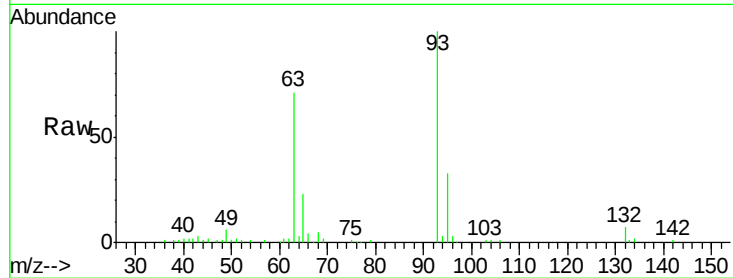
Tgt Ion: 93 Resp: 74242

Ion Ratio Lower Upper

93 100

63 71.0 49.5 89.5

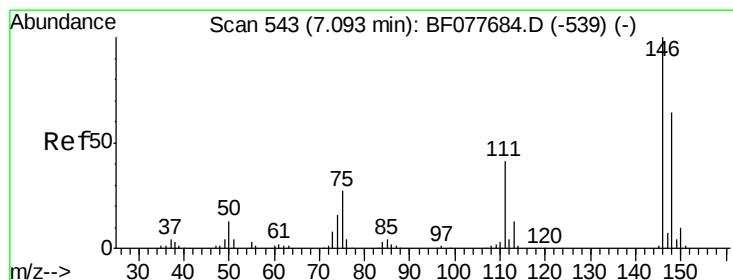
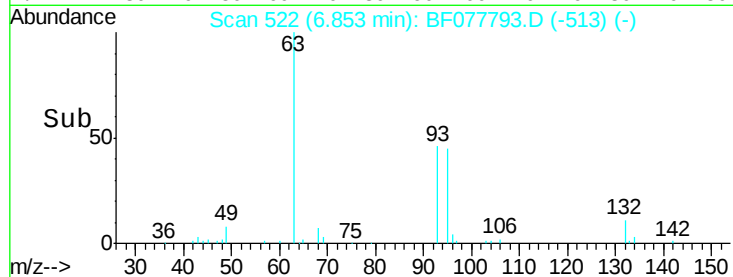
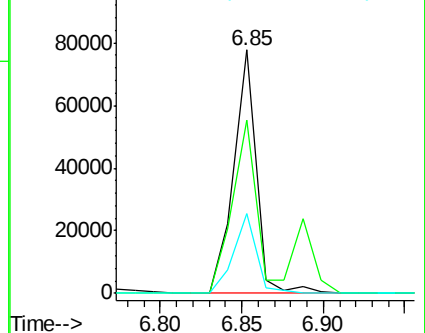
95 32.7 13.5 53.5



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 26.73 ng

RT: 7.08 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

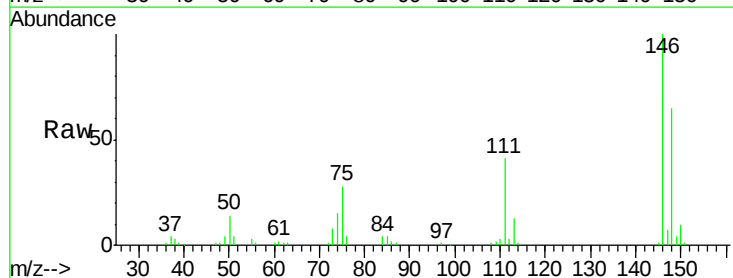
Tgt Ion: 146 Resp: 85641

Ion Ratio Lower Upper

146 100

148 64.9 50.9 76.3

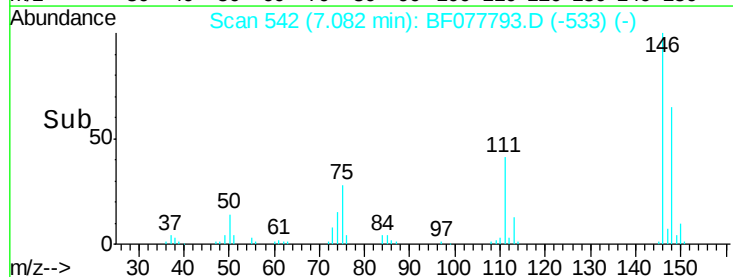
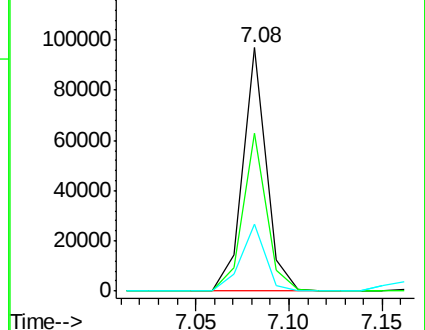
75 27.7 21.4 32.2

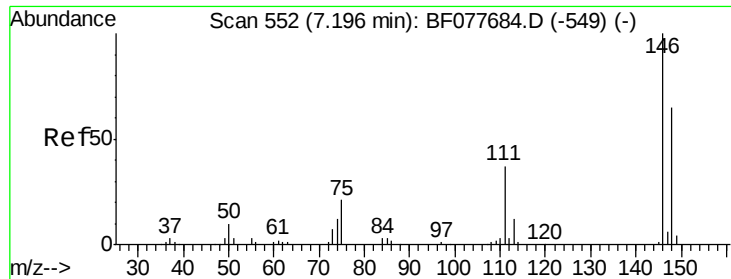


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

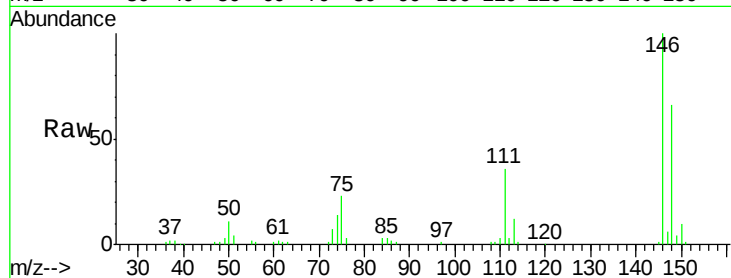




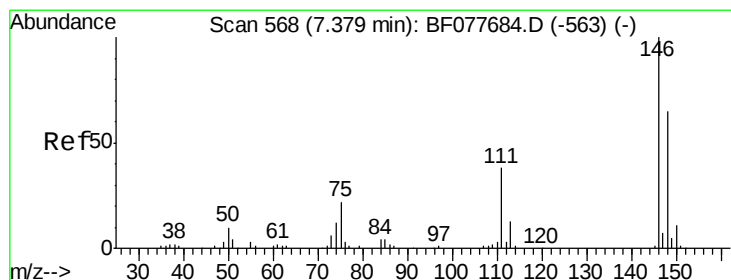
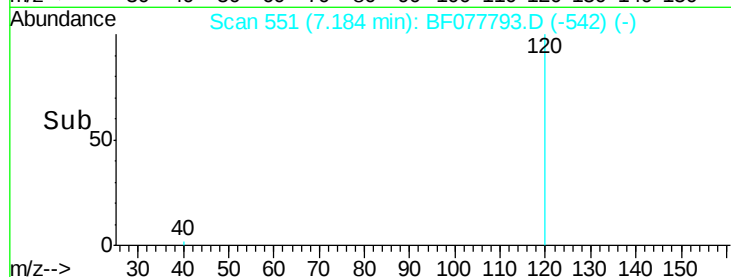
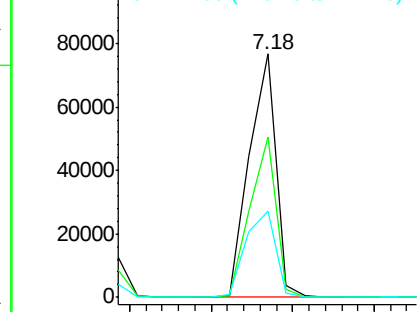
#13
 1,4-Dichlorobenzene
 Concen: 25.93 ng
 RT: 7.18 min Scan# 551
 Delta R.T. -0.00 min
 Lab File: BF077793.D
 Acq: 18 Mar 2015 10:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-12(13-15)MS

Tgt Ion:146 Resp: 86350
 Ion Ratio Lower Upper
 146 100
 148 65.8 51.9 77.9
 111 35.6 29.2 43.8

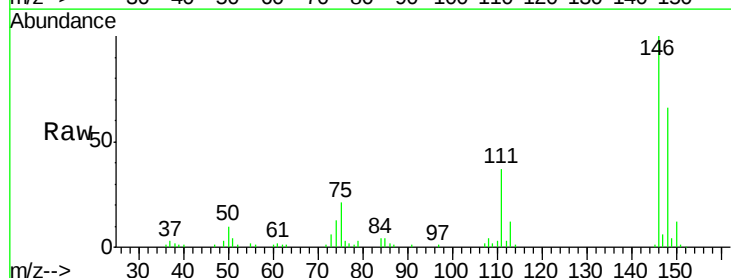


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

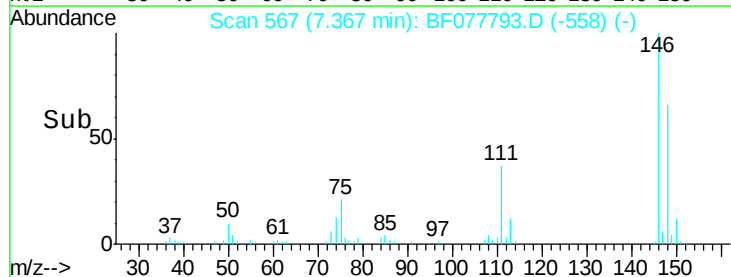
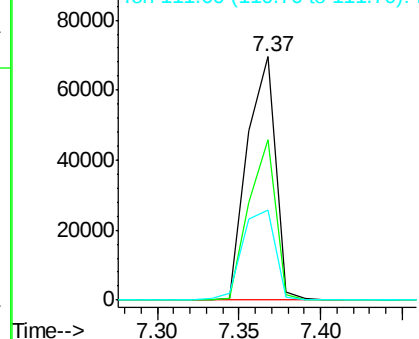


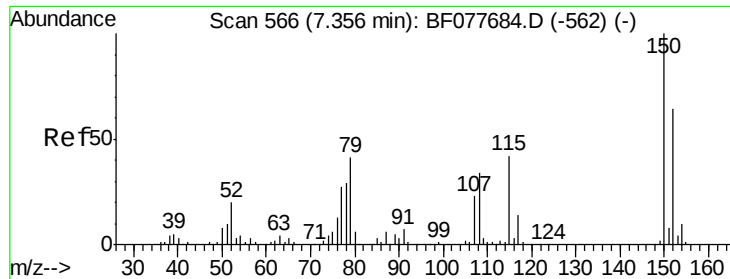
#14
 1,2-Dichlorobenzene
 Concen: 27.25 ng
 RT: 7.37 min Scan# 567
 Delta R.T. -0.00 min
 Lab File: BF077793.D
 Acq: 18 Mar 2015 10:49

Tgt Ion:146 Resp: 83176
 Ion Ratio Lower Upper
 146 100
 148 65.7 52.3 78.5
 111 36.9 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

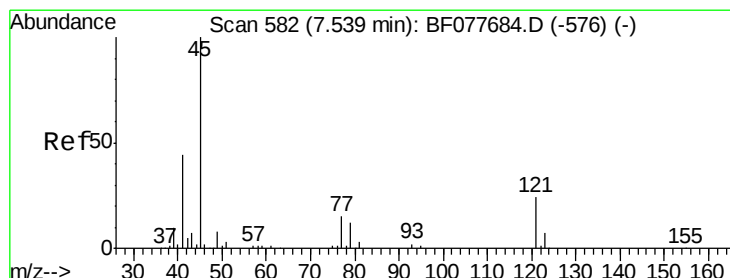
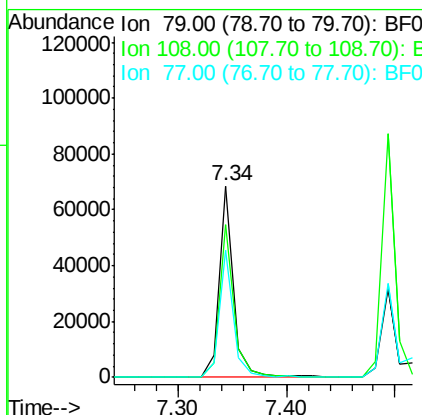
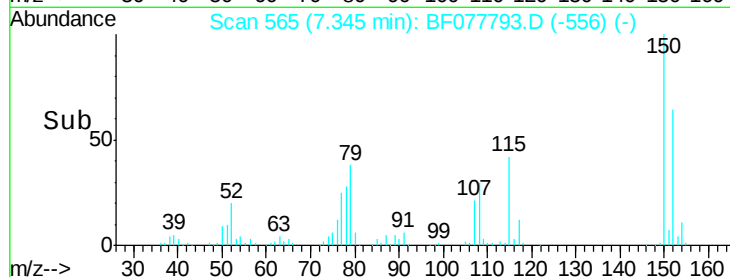
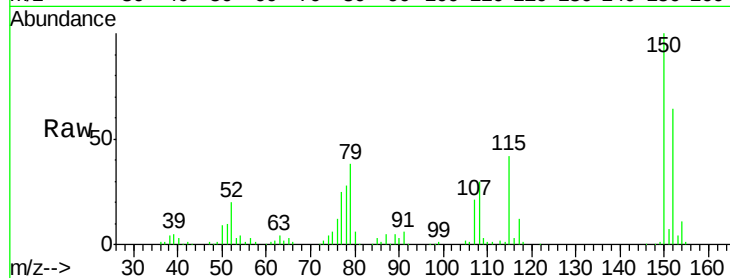




#15
Benzyl Alcohol
Concen: 27.11 ng
RT: 7.34 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

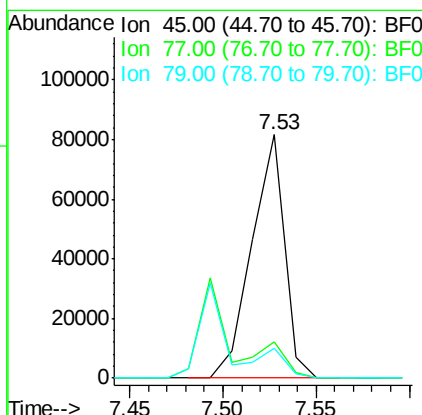
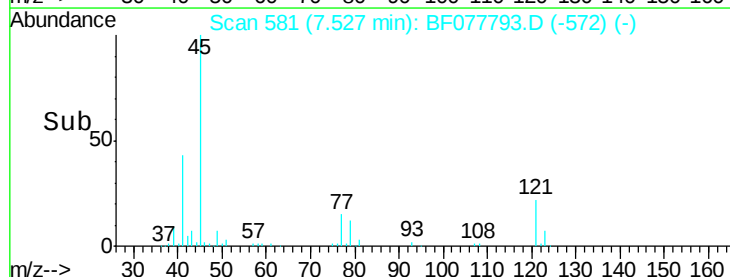
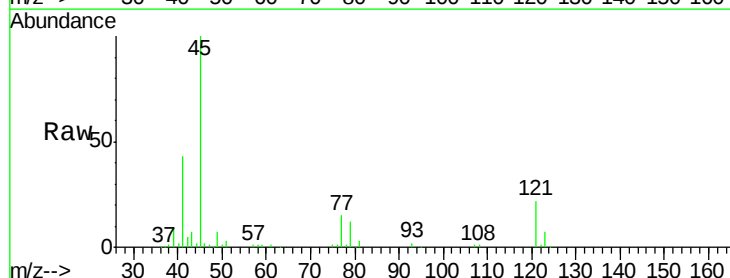
Instrument :
BNA_F
ClientSampleId :
SB-12(13-15)MS

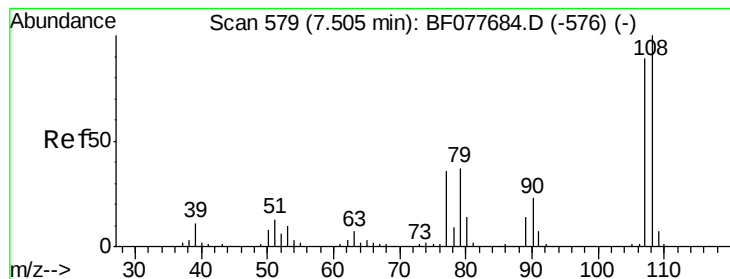
Tgt Ion: 79 Resp: 63278
Ion Ratio Lower Upper
79 100
108 79.5 65.0 97.4
77 66.0 53.0 79.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 27.83 ng
RT: 7.53 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

Tgt Ion: 45 Resp: 99302
Ion Ratio Lower Upper
45 100
77 14.9 0.0 35.2
79 12.1 0.0 32.0





#17

2-Methylphenol

Concen: 28.39 ng

RT: 7.49 min Scan# 578

Delta R.T. -0.00 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

Instrument :

BNA_F

ClientSampleId :

SB-12(13-15)MS

Tgt Ion:107 Resp: 66578

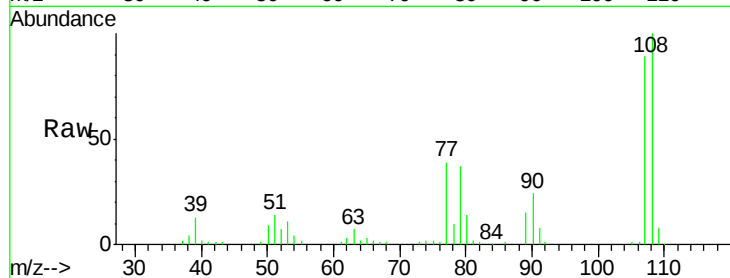
Ion Ratio Lower Upper

107 100

108 112.7 89.8 134.8

77 43.5 32.6 48.8

79 41.2 32.8 49.2

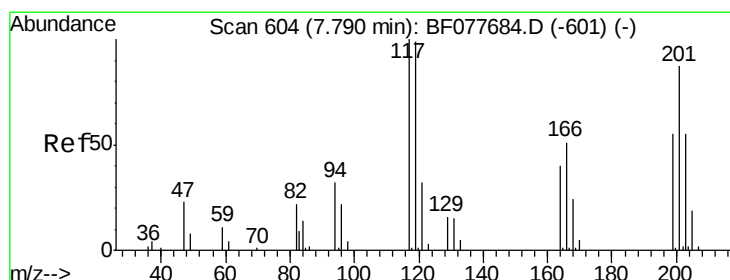
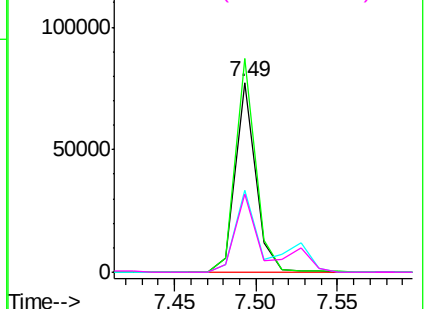
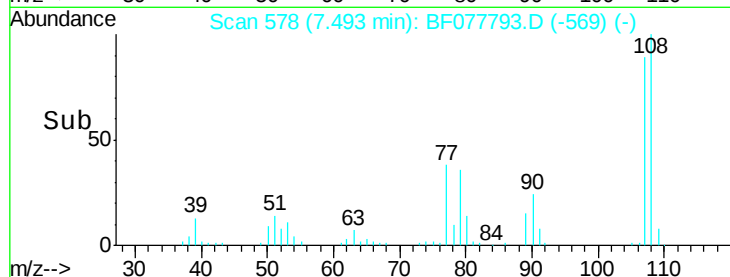


Abundance Ion 107.00 (106.70 to 107.70): E

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: 26.93 ng

RT: 7.78 min Scan# 603

Delta R.T. -0.00 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

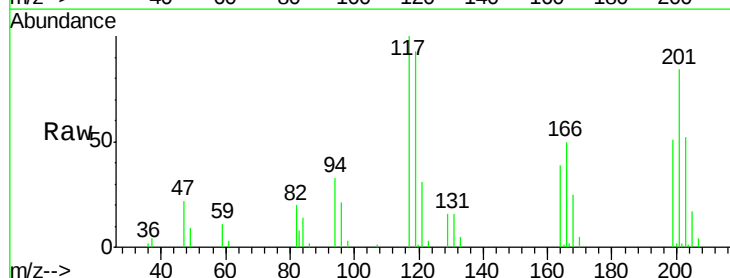
Tgt Ion:117 Resp: 29406

Ion Ratio Lower Upper

117 100

119 92.9 79.2 118.8

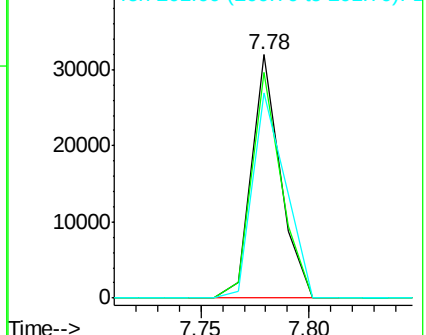
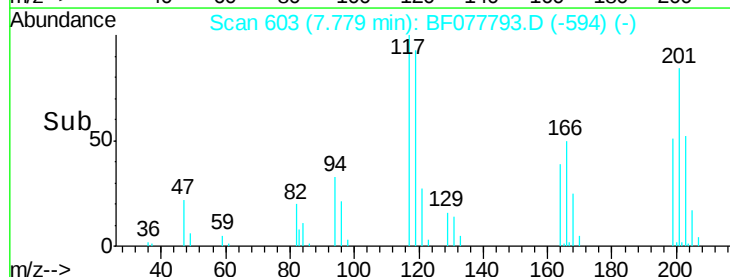
201 84.1 69.8 104.6

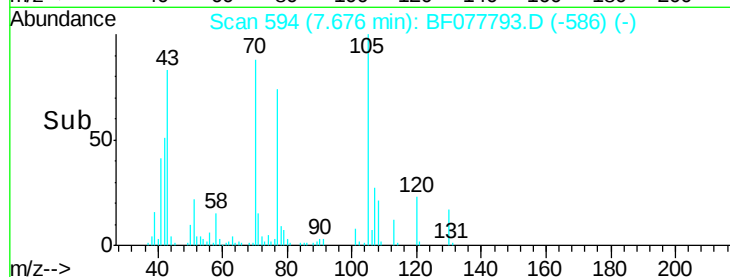
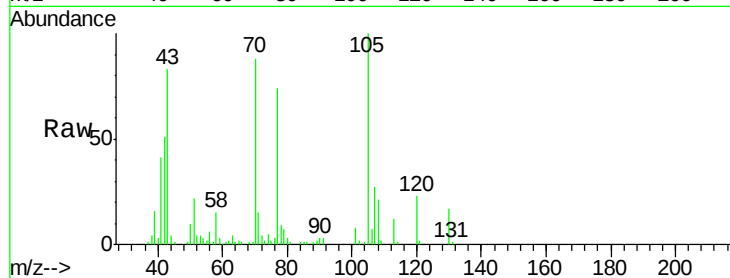
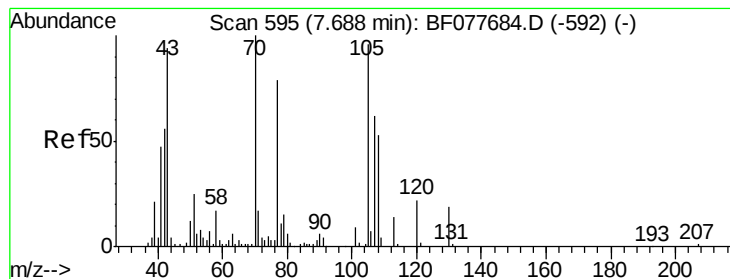


Abundance Ion 117.00 (116.70 to 117.70): E

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: 26.10 ng

RT: 7.68 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

Instrument :

BNA_F

ClientSampleId :

SB-12(13-15)MS

Tgt Ion: 70 Resp: 53986

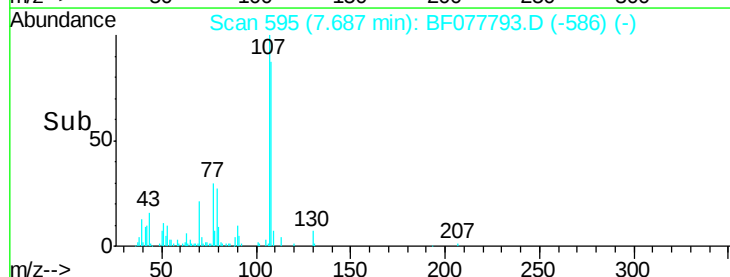
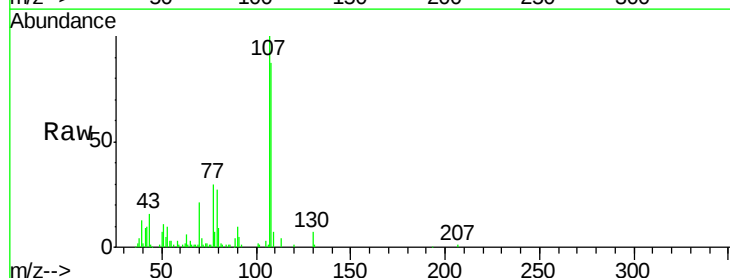
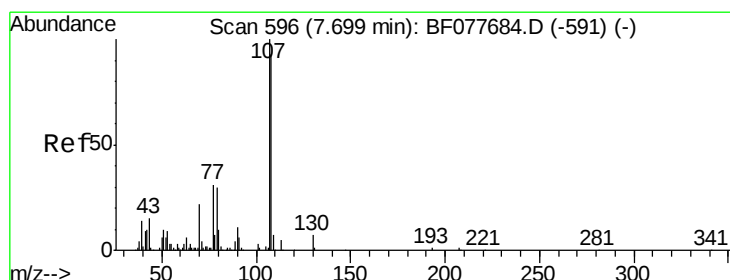
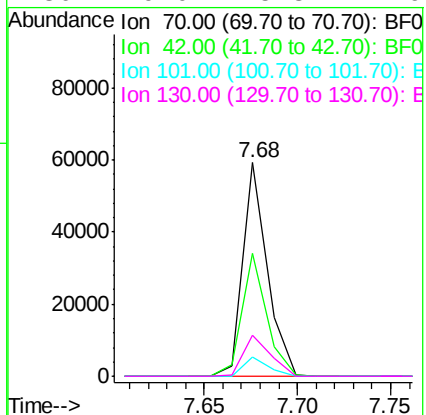
Ion Ratio Lower Upper

70 100

42 57.8 44.5 66.7

101 9.0 7.4 11.2

130 19.0 15.3 22.9



#20

3+4-Methylphenols

Concen: 27.54 ng

RT: 7.69 min Scan# 595

Delta R.T. -0.00 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

Tgt Ion: 107 Resp: 84761

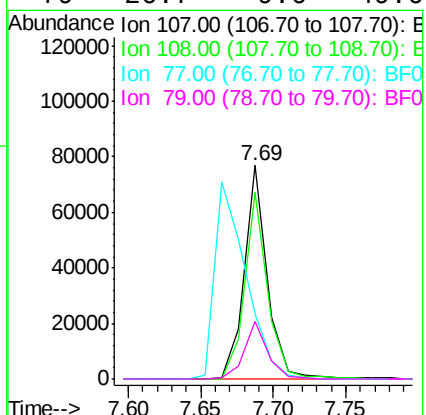
Ion Ratio Lower Upper

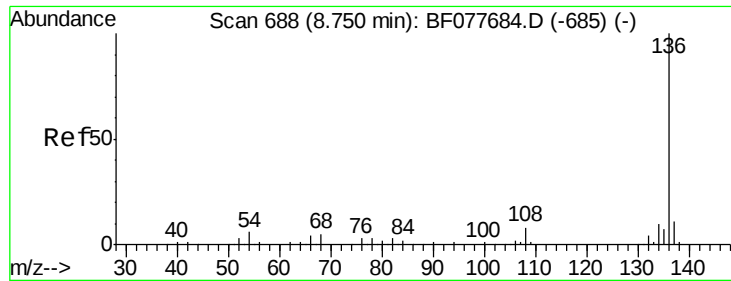
107 100

108 87.4 73.2 113.2

77 30.5 10.7 50.7

79 26.7 9.6 49.6

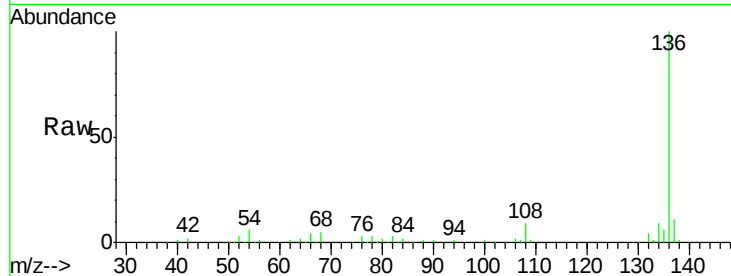




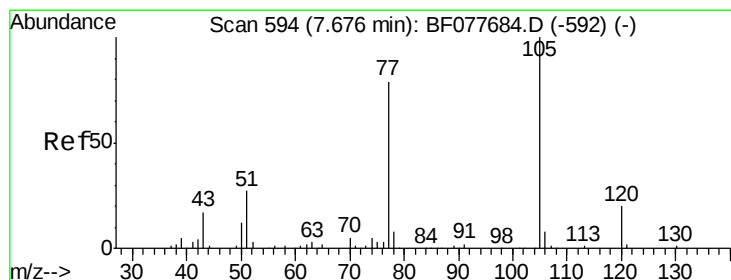
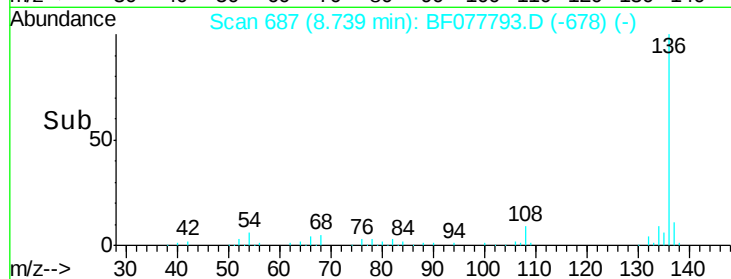
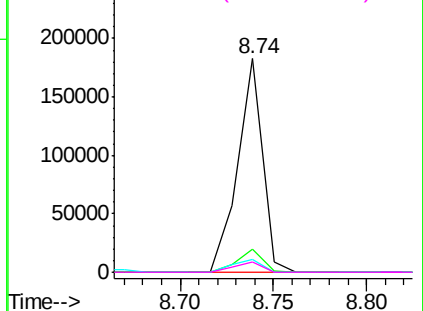
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.74 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

Instrument :
BNA_F
ClientSampleId :
SB-12(13-15)MS

Tgt Ion:	136	Resp:	171113
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	6.1	4.6	6.8
68	4.8	3.7	5.5

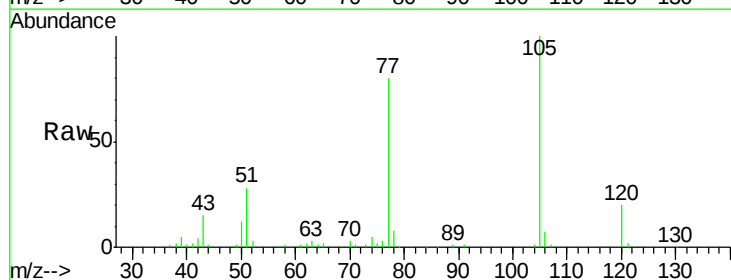


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

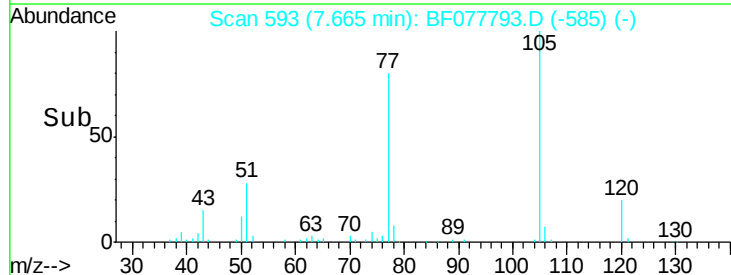
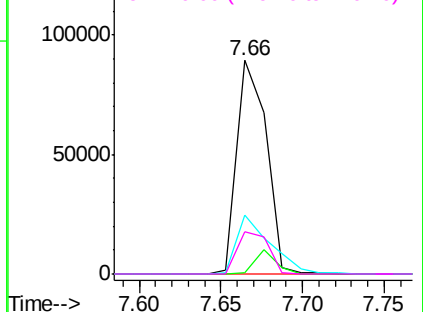


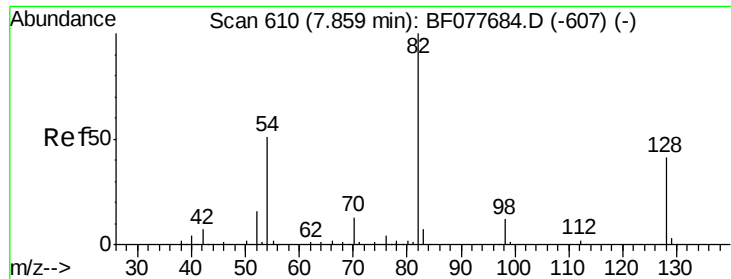
#22
Acetophenone
Concen: 29.36 ng
RT: 7.66 min Scan# 593
Delta R.T. -0.01 min
Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

Tgt Ion:	105	Resp:	111228
Ion	Ratio	Lower	Upper
105	100		
71	0.5	0.6	1.0#
51	27.8	21.6	32.4
120	19.6	16.1	24.1



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

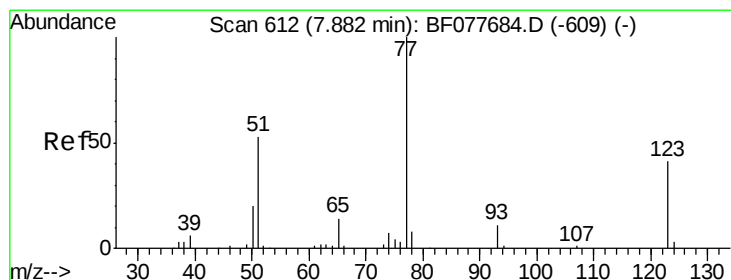
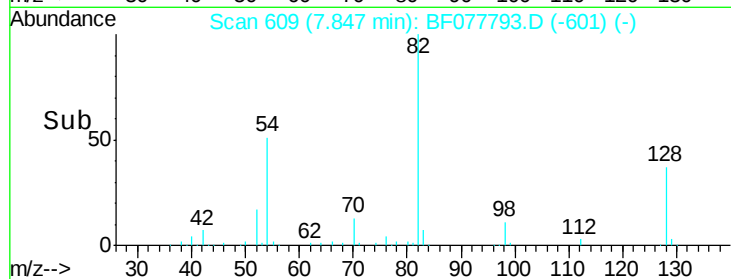
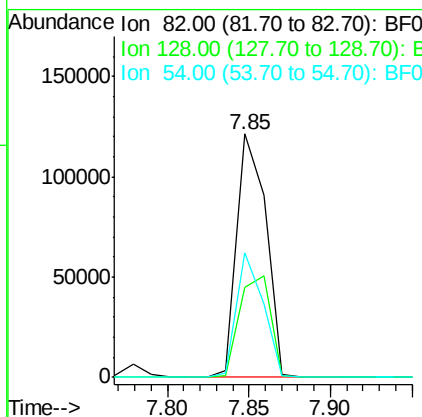
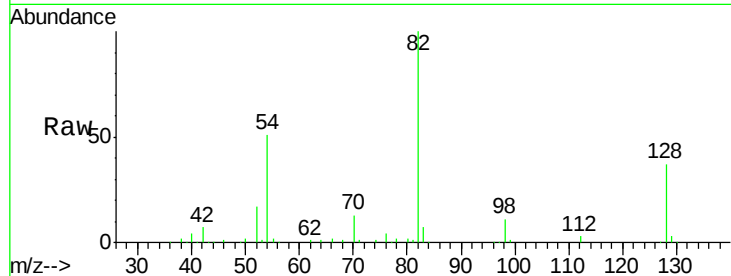




#23
 Nitrobenzene-d5
 Concen: 57.05 ng
 RT: 7.85 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF077793.D
 Acq: 18 Mar 2015 10:49

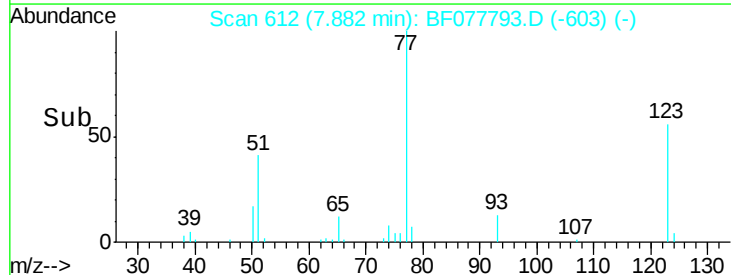
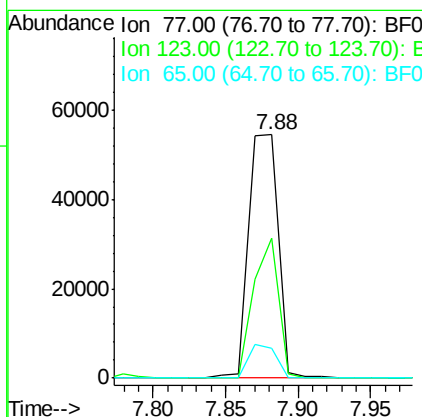
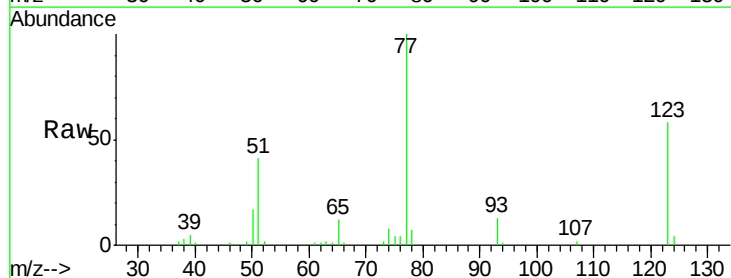
Instrument :
 BNA_F
 ClientSampleId :
 SB-12(13-15)MS

Tgt Ion: 82 Resp: 148934
 Ion Ratio Lower Upper
 82 100
 128 37.2 32.8 49.2
 54 50.9 40.6 60.8



#24
 Nitrobenzene
 Concen: 27.38 ng
 RT: 7.88 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF077793.D
 Acq: 18 Mar 2015 10:49

Tgt Ion: 77 Resp: 77009
 Ion Ratio Lower Upper
 77 100
 123 57.6 32.6 49.0#
 65 12.3 10.9 16.3





#25

Isophorone

Concen: 27.62 ng

RT: 8.18 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

Instrument :

BNA_F

ClientSampleId :

SB-12(13-15)MS

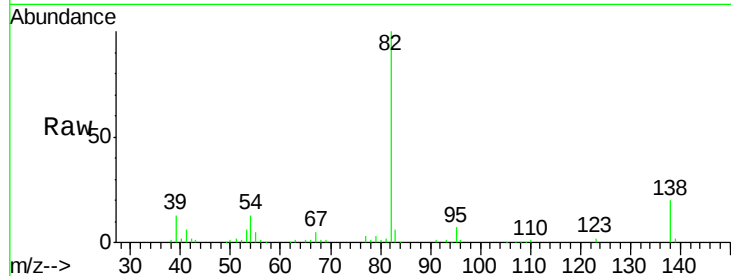
Tgt Ion: 82 Resp: 145586

Ion Ratio Lower Upper

82 100

95 6.7 5.8 8.6

138 20.4 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BF077684.D (-635) (-)

Ion 95.00 (94.70 to 95.70): BF077684.D (-635) (-)

Ion 138.00 (137.70 to 138.70): BF077684.D (-635) (-)

8.18

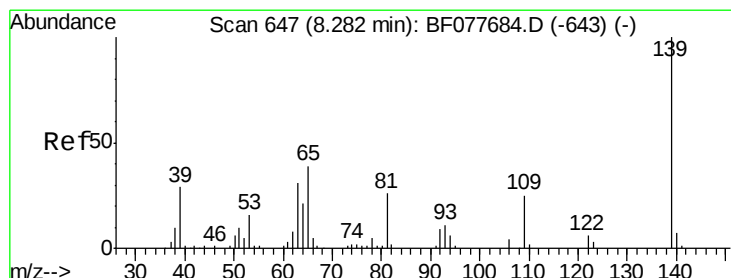
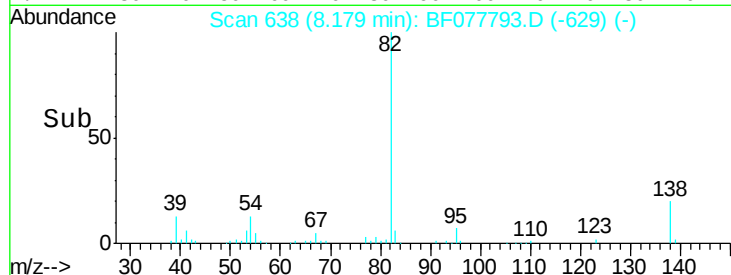
150000

100000

50000

0

Time-->



#26

2-Nitrophenol

Concen: 27.65 ng

RT: 8.27 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

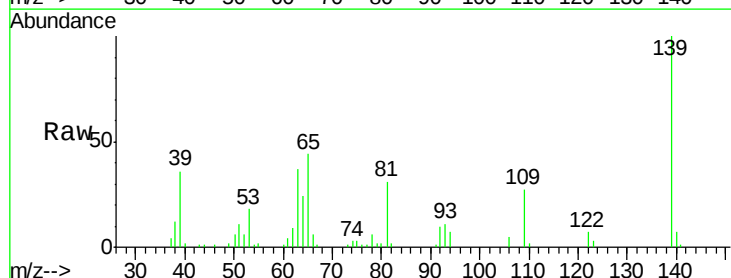
Tgt Ion: 139 Resp: 38075

Ion Ratio Lower Upper

139 100

109 27.1 20.1 30.1

65 44.2 31.5 47.3



Abundance Ion 139.00 (138.70 to 139.70): BF077684.D (-643) (-)

Ion 109.00 (108.70 to 109.70): BF077684.D (-643) (-)

Ion 65.00 (64.70 to 65.70): BF077684.D (-643) (-)

8.27

60000

50000

40000

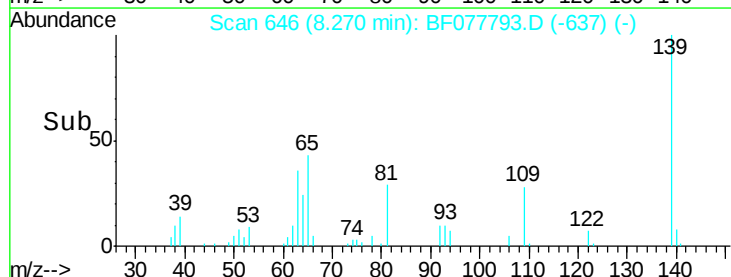
30000

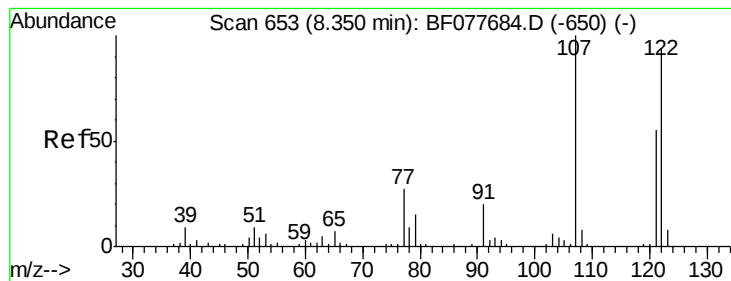
20000

10000

0

Time-->





#27

2,4-Dimethylphenol

Concen: 30.10 ng

RT: 8.34 min Scan# 652

Delta R.T. -0.00 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

Instrument :

BNA_F

ClientSampleId :

SB-12(13-15)MS

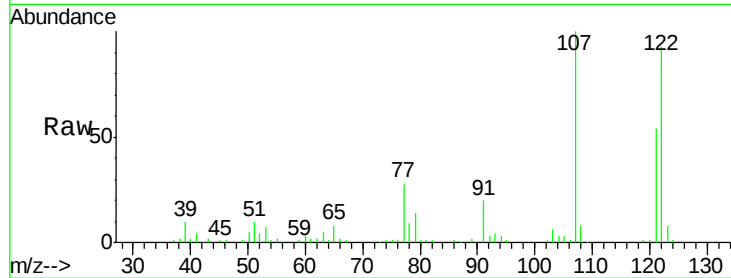
Tgt Ion:122 Resp: 75486

Ion Ratio Lower Upper

122 100

107 107.5 84.7 127.1

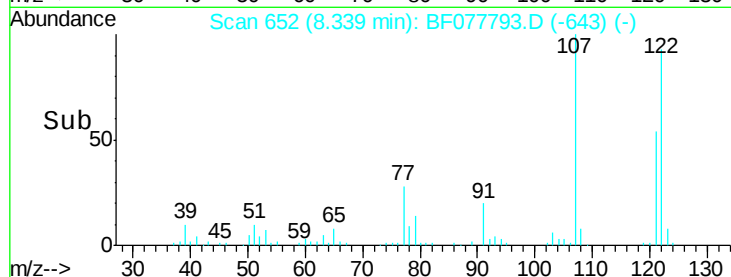
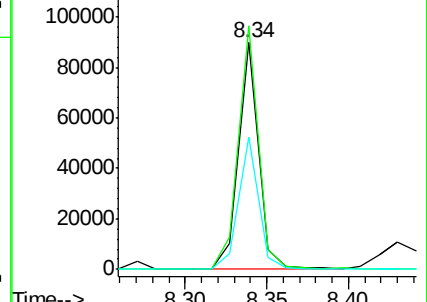
121 58.1 46.6 69.8



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: 29.17 ng

RT: 8.46 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

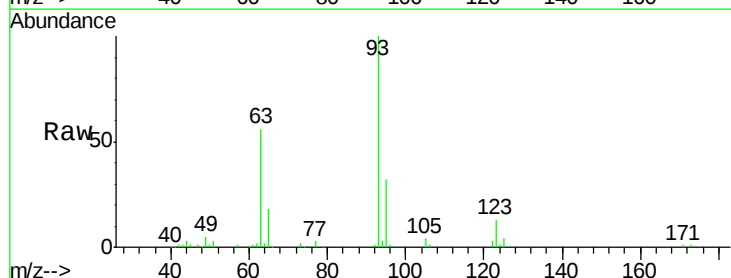
Tgt Ion: 93 Resp: 93353

Ion Ratio Lower Upper

93 100

95 32.0 25.5 38.3

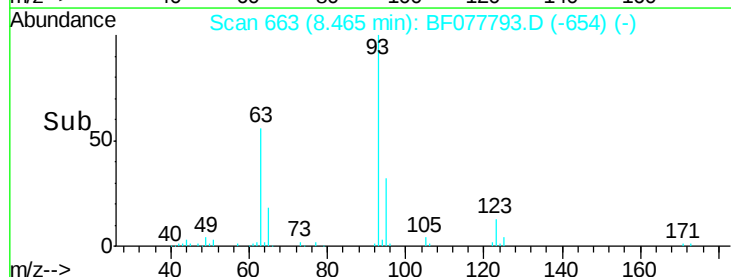
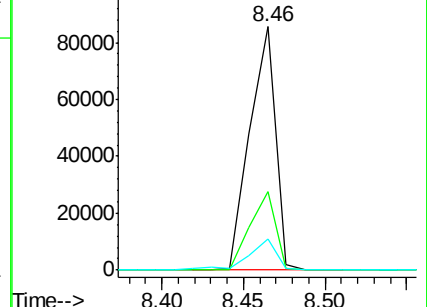
123 12.7 8.6 13.0

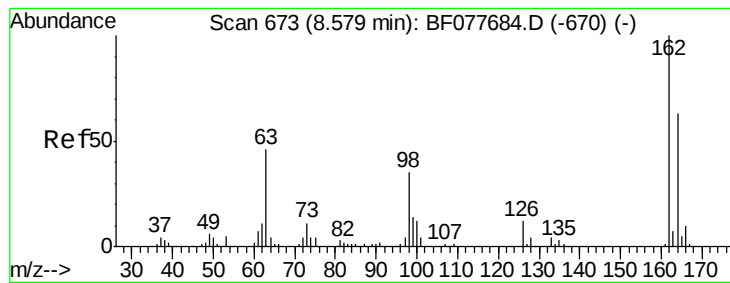


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

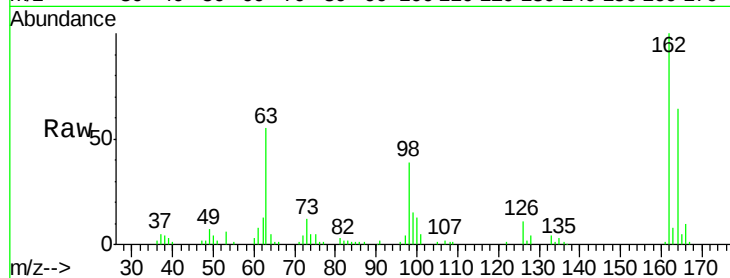




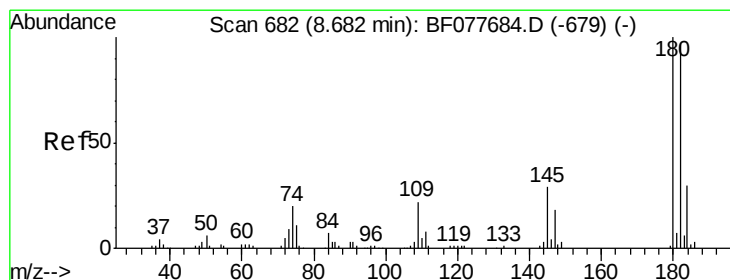
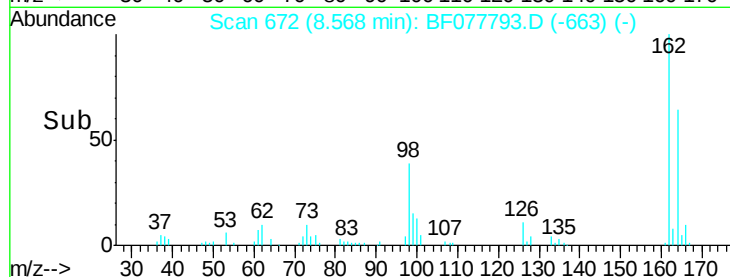
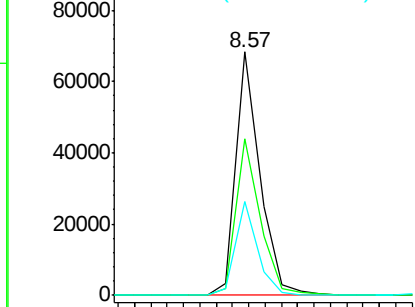
#29
 2,4-Dichlorophenol
 Concen: 28.97 ng
 RT: 8.57 min Scan# 672
 Delta R.T. -0.00 min
 Lab File: BF077793.D
 Acq: 18 Mar 2015 10:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-12(13-15)MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.4	42.8	82.8
98	38.5	14.5	54.5

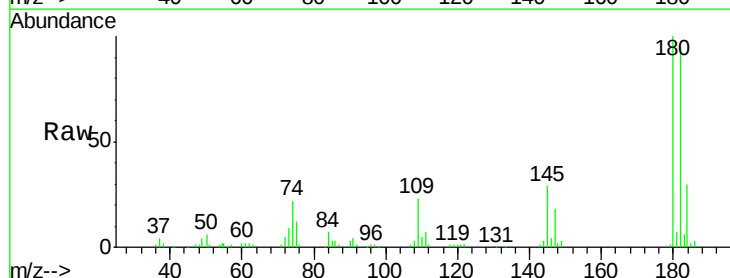


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

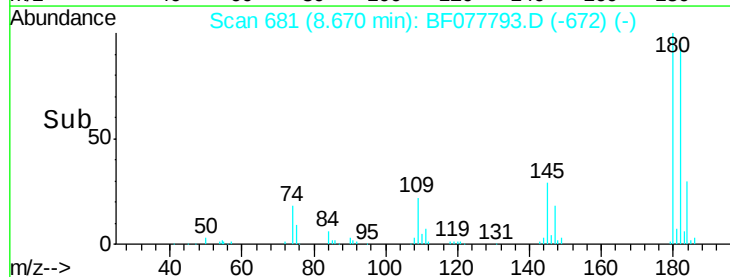
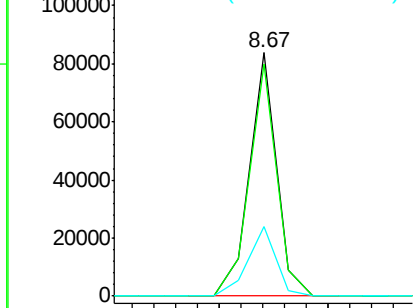


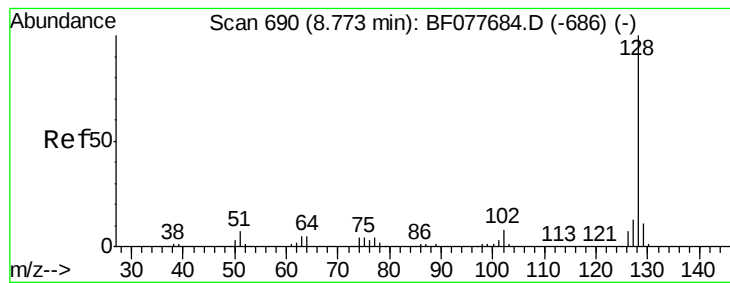
#30
 1,2,4-Trichlorobenzene
 Concen: 27.06 ng
 RT: 8.67 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BF077793.D
 Acq: 18 Mar 2015 10:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	77.6	116.4
145	28.8	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: 27.16 ng

RT: 8.76 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

Instrument :

BNA_F

ClientSampleId :

SB-12(13-15)MS

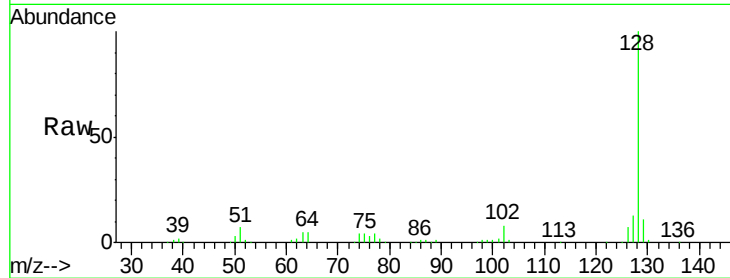
Tgt Ion:128 Resp: 238696

Ion Ratio Lower Upper

128 100

129 11.0 8.9 13.3

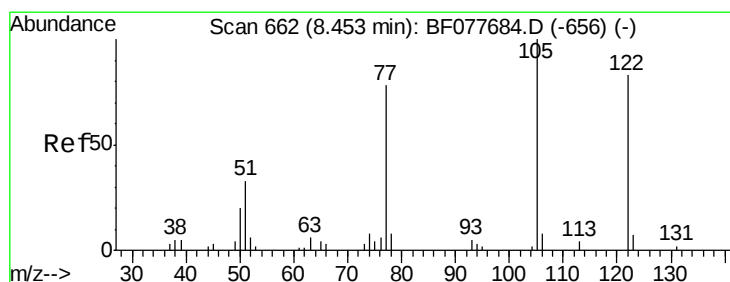
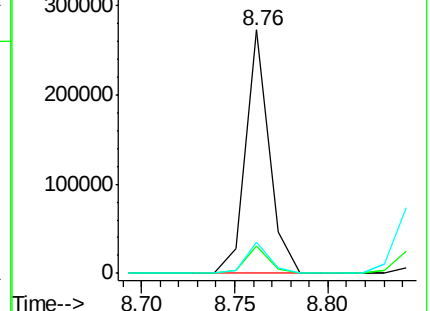
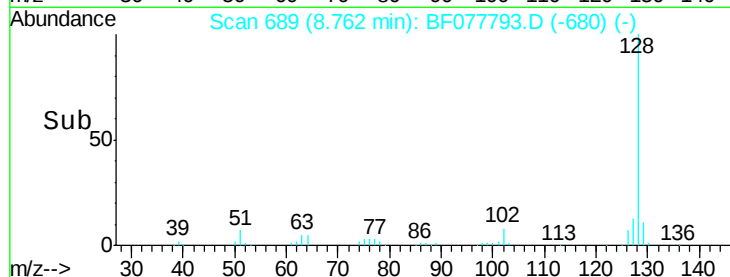
127 12.6 10.4 15.6



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: 18.11 ng

RT: 8.43 min Scan# 660

Delta R.T. -0.02 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

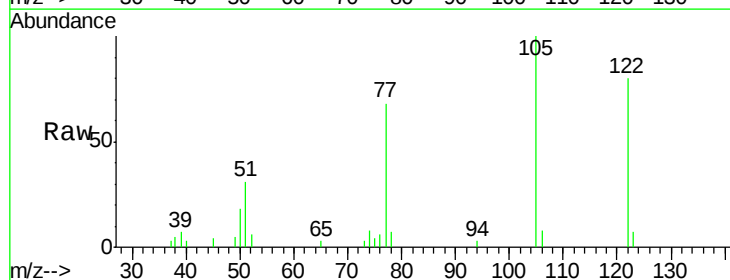
Tgt Ion:122 Resp: 22463

Ion Ratio Lower Upper

122 100

105 125.2 99.9 139.9

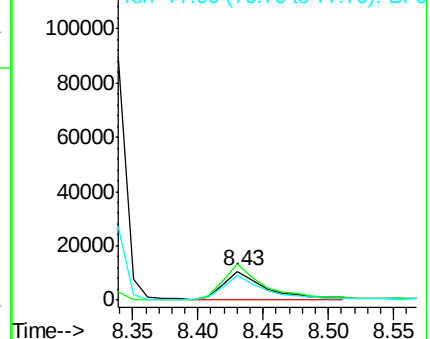
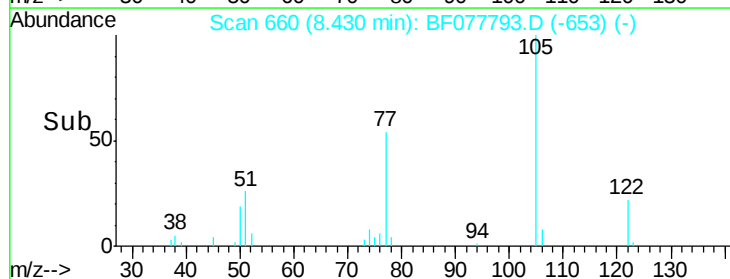
77 85.0 73.7 113.7



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

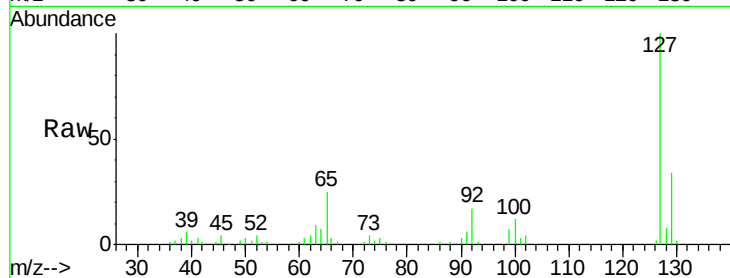




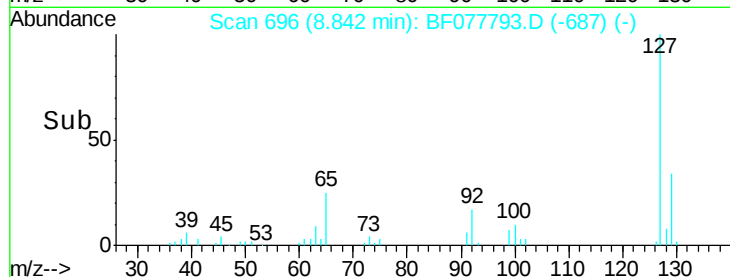
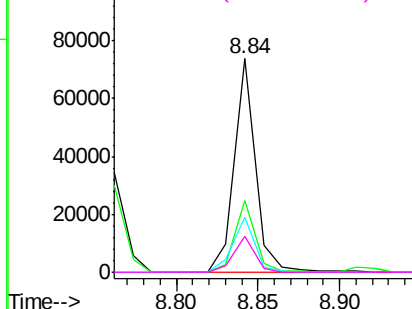
#33
4-Chloroaniline
Concen: 18.52 ng
RT: 8.84 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

Instrument :
BNA_F
ClientSampleId :
SB-12(13-15)MS

Tgt Ion:	127	Resp:	66041
Ion	Ratio	Lower	Upper
127	100		
129	33.5	25.3	37.9
65	25.5	17.6	26.4
92	17.0	13.1	19.7

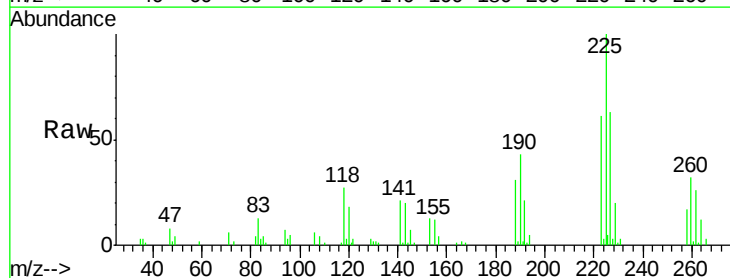


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

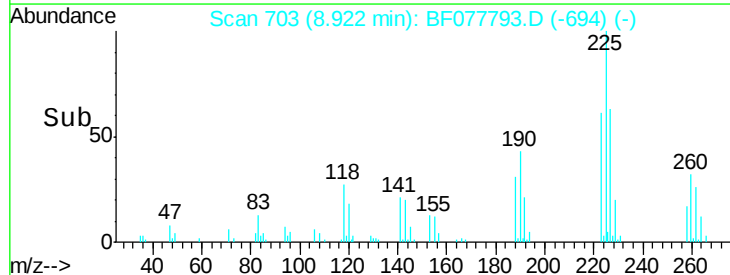
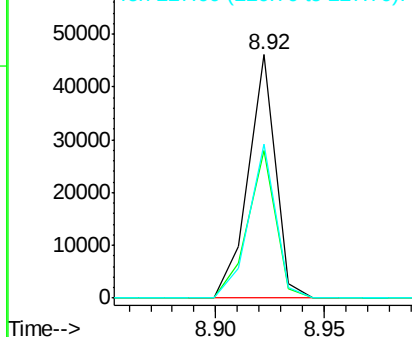


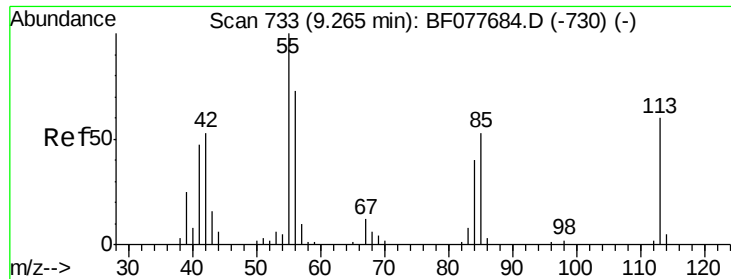
#34
Hexachlorobutadiene
Concen: 26.52 ng
RT: 8.92 min Scan# 703
Delta R.T. -0.00 min
Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

Tgt Ion:	225	Resp:	40205
Ion	Ratio	Lower	Upper
225	100		
223	60.7	47.9	71.9
227	63.3	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

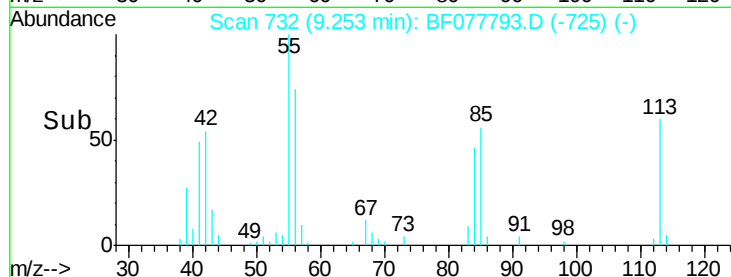
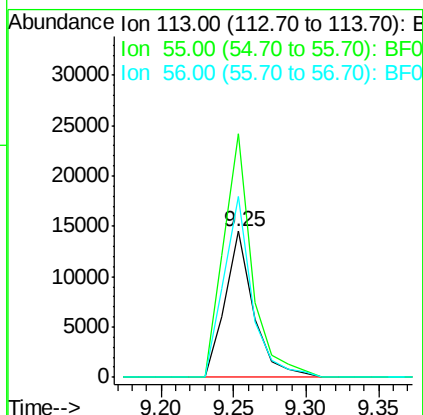
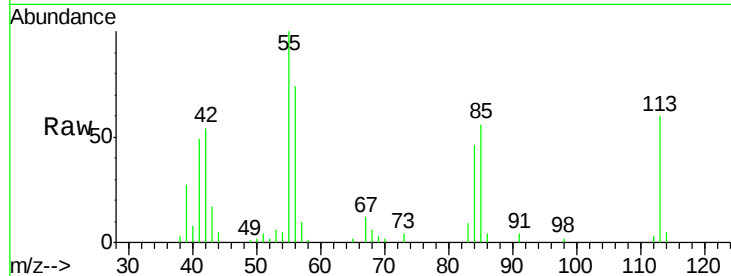




#35
 Caprolactam
 Concen: 28.61 ng
 RT: 9.25 min Scan# 732
 Delta R.T. -0.02 min
 Lab File: BF077793.D
 Acq: 18 Mar 2015 10:49

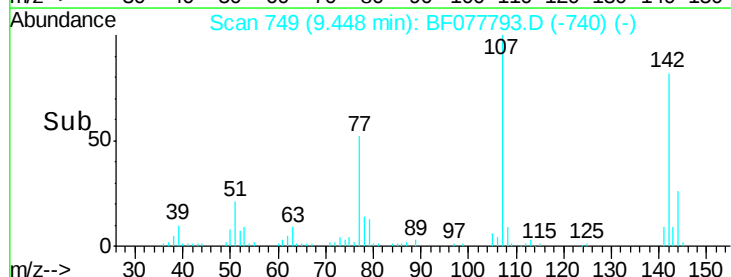
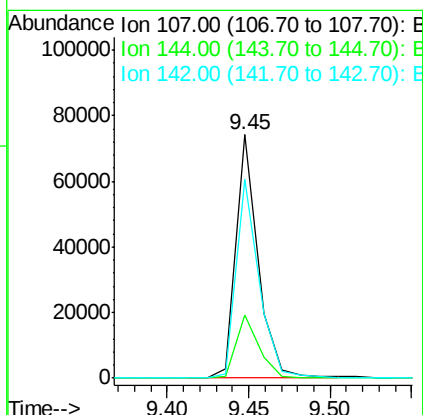
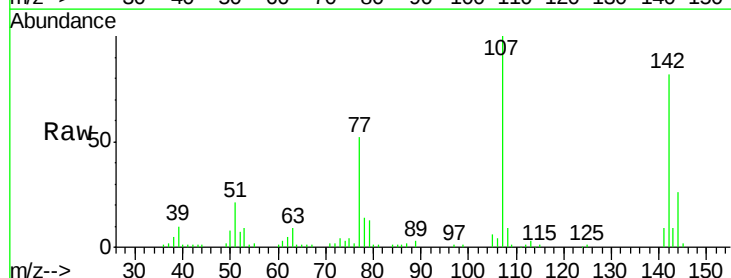
Instrument :
 BNA_F
 ClientSampleId :
 SB-12(13-15)MS

Tgt Ion:113 Resp: 19988
 Ion Ratio Lower Upper
 113 100
 55 166.6 145.9 185.9
 56 124.0 101.0 141.0



#36
 4-Chloro-3-methylphenol
 Concen: 28.76 ng
 RT: 9.45 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: BF077793.D
 Acq: 18 Mar 2015 10:49

Tgt Ion:107 Resp: 69189
 Ion Ratio Lower Upper
 107 100
 144 25.8 23.3 34.9
 142 81.7 72.6 109.0

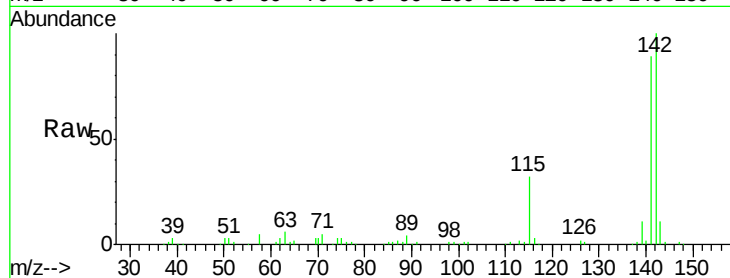




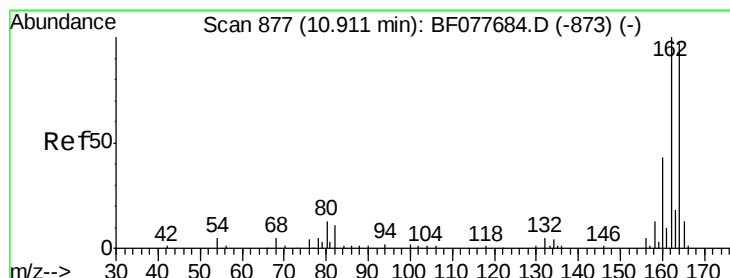
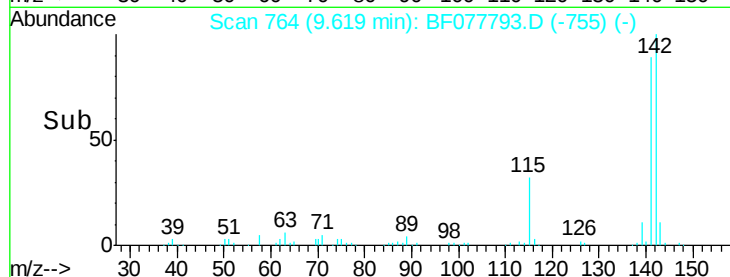
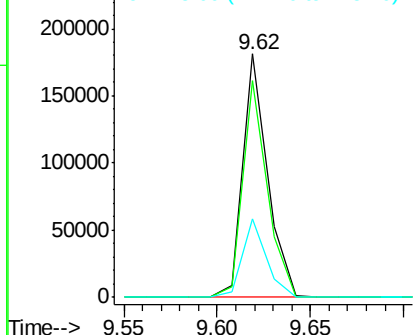
#37
 2-Methylnaphthalene
 Concen: 28.40 ng
 RT: 9.62 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BF077793.D
 Acq: 18 Mar 2015 10:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-12(13-15)MS

Tgt Ion:142 Resp: 167660
 Ion Ratio Lower Upper
 142 100
 141 89.1 71.9 107.9
 115 32.3 25.4 38.0

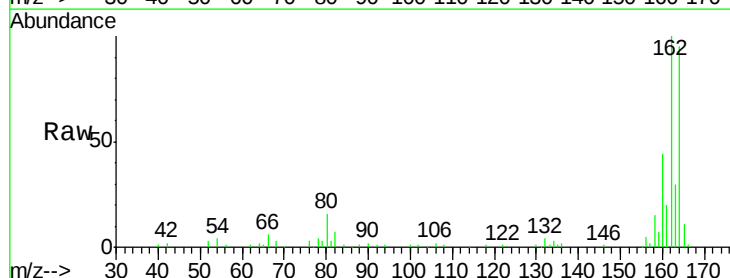


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

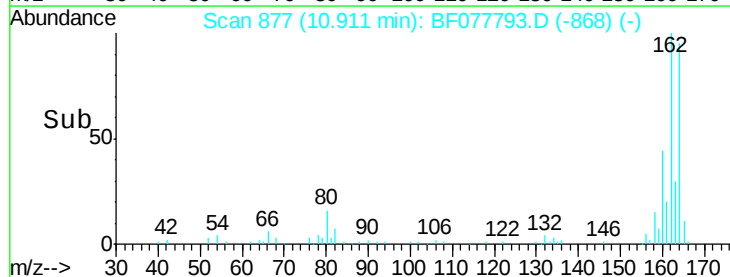
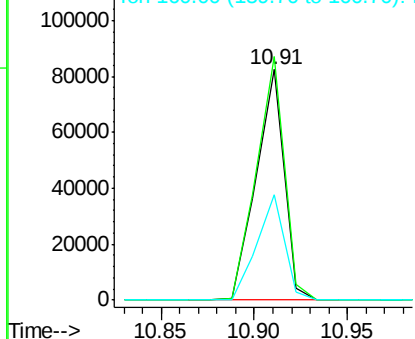


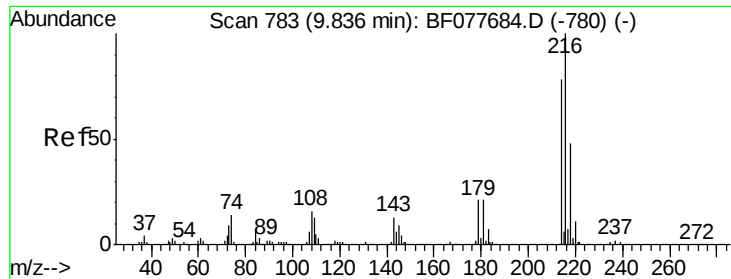
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.91 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: BF077793.D
 Acq: 18 Mar 2015 10:49

Tgt Ion:164 Resp: 84726
 Ion Ratio Lower Upper
 164 100
 162 105.6 82.4 123.6
 160 46.0 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: 28.25 ng

RT: 9.82 min Scan# 782

Delta R.T. -0.00 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

Instrument :

BNA_F

ClientSampleId :

SB-12(13-15)MS

Tgt Ion:216 Resp: 71392

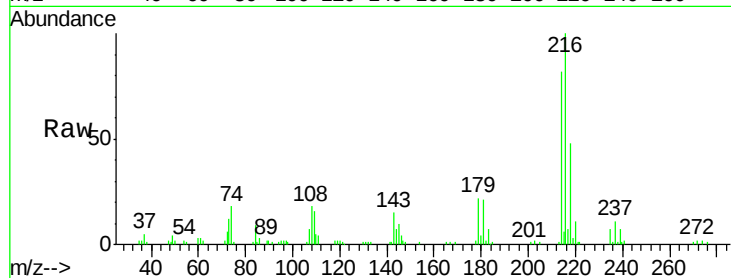
Ion Ratio Lower Upper

216 100

214 80.2 0.0 0.0#

179 21.5 0.0 0.0#

108 20.3 0.0 0.0#

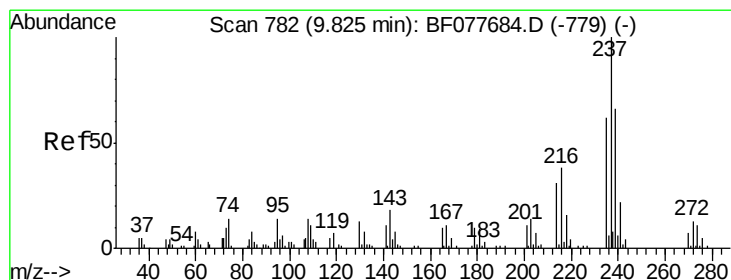
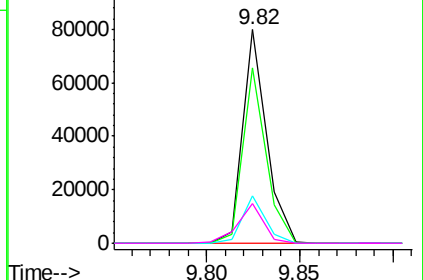
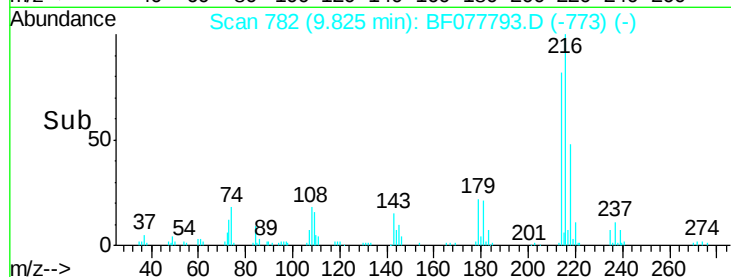


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 51.67 ng

RT: 9.81 min Scan# 781

Delta R.T. -0.00 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

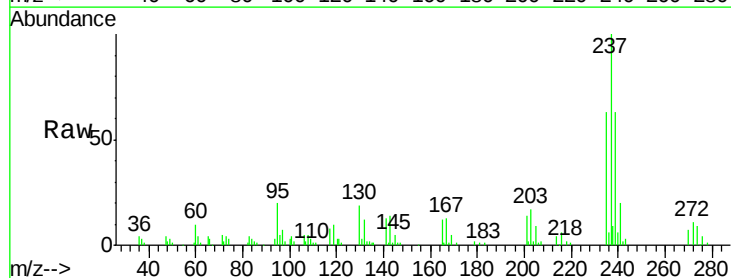
Tgt Ion:237 Resp: 63886

Ion Ratio Lower Upper

237 100

235 62.9 42.0 82.0

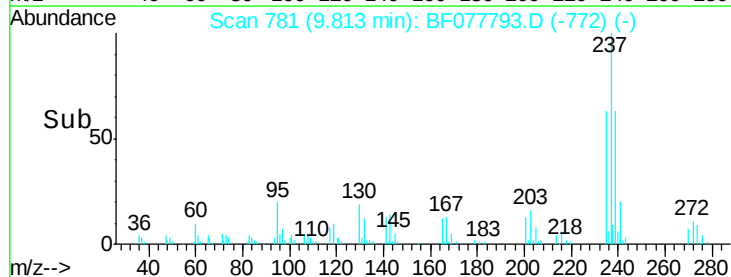
272 11.3 0.0 33.4



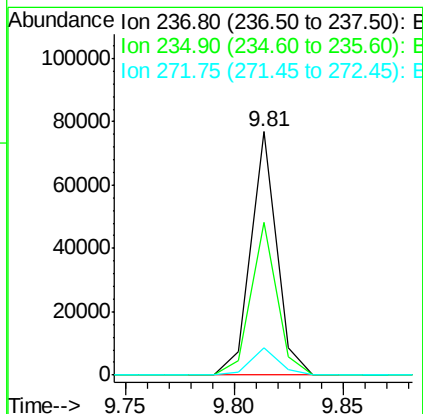
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

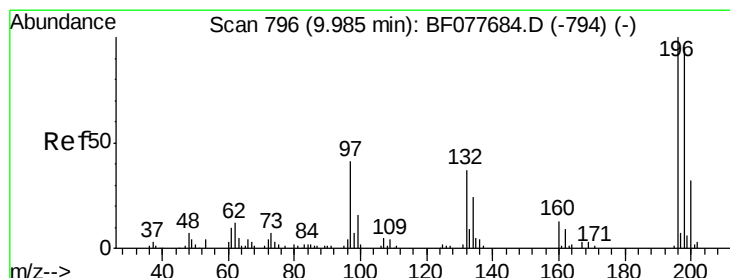
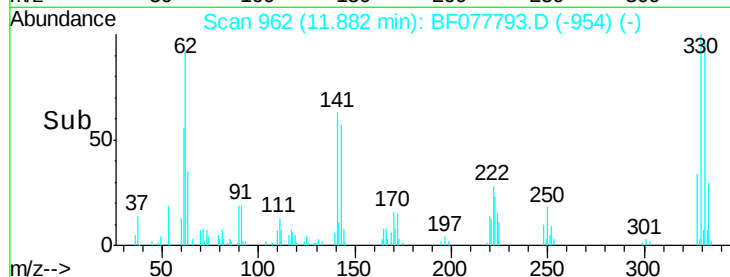
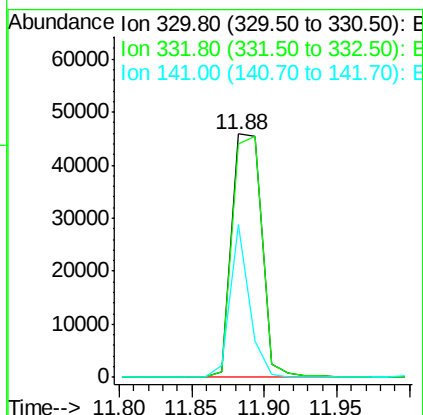
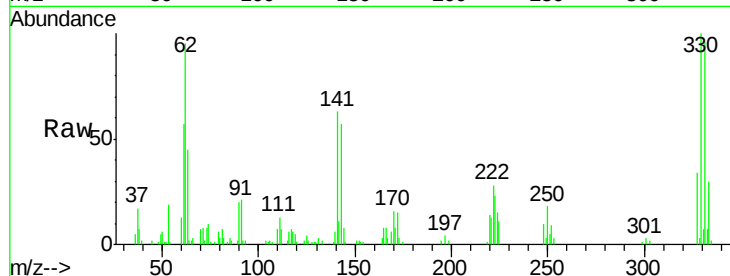




#41
 2,4,6-Tribromophenol
 Concen: 81.57 ng
 RT: 11.88 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF077793.D
 Acq: 18 Mar 2015 10:49

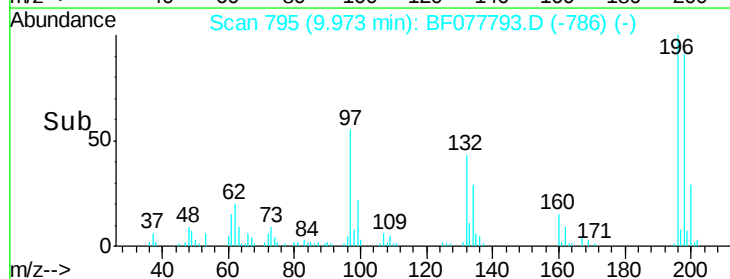
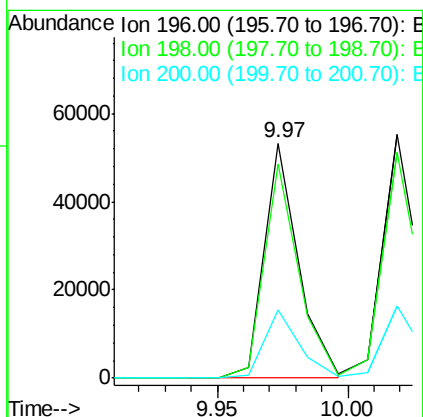
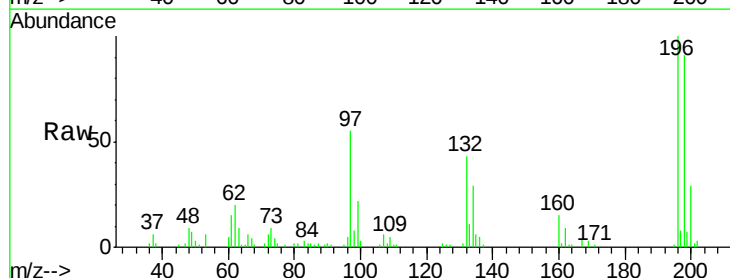
Instrument :
 BNA_F
 ClientSampleId :
 SB-12(13-15)MS

Tgt Ion:330 Resp: 66126
 Ion Ratio Lower Upper
 330 100
 332 98.0 0.0 0.0#
 141 40.1 0.0 0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 27.90 ng
 RT: 9.97 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF077793.D
 Acq: 18 Mar 2015 10:49

Tgt Ion:196 Resp: 48836
 Ion Ratio Lower Upper
 196 100
 198 91.5 76.3 114.5
 200 29.1 25.6 38.4

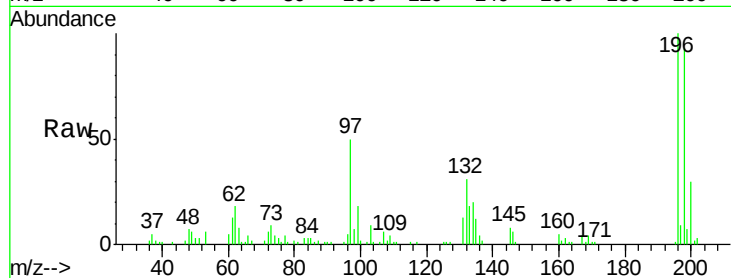




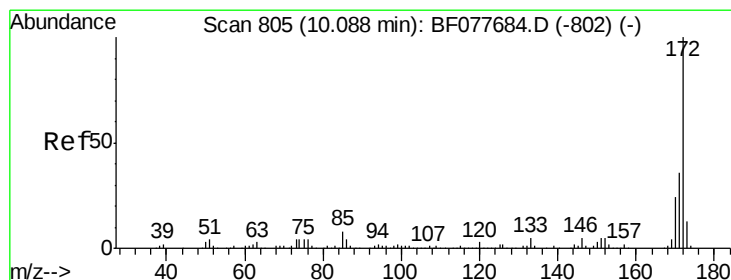
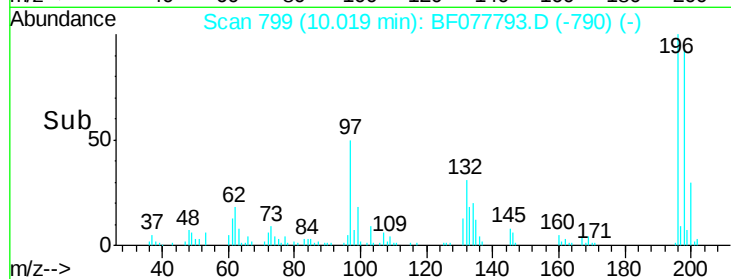
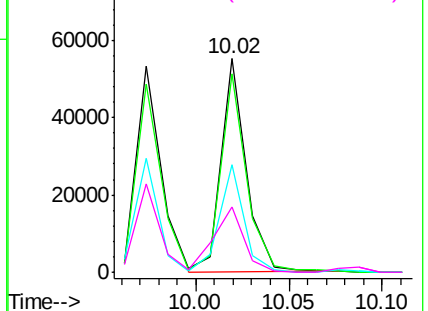
#43
 2,4,5-Trichlorophenol
 Concen: 27.27 ng
 RT: 10.02 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF077793.D
 Acq: 18 Mar 2015 10:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-12(13-15)MS

Tgt Ion:196 Resp: 51575
 Ion Ratio Lower Upper
 196 100
 198 92.8 79.4 119.0
 97 50.1 26.8 40.2#
 132 30.8 18.6 28.0#

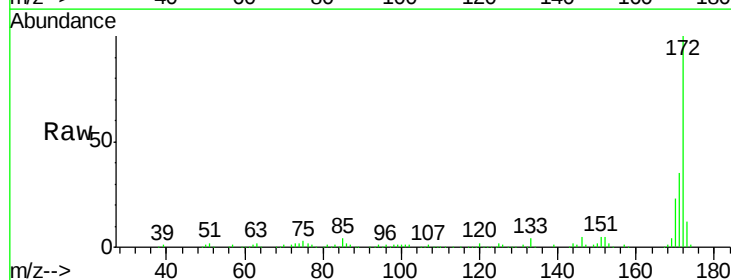


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

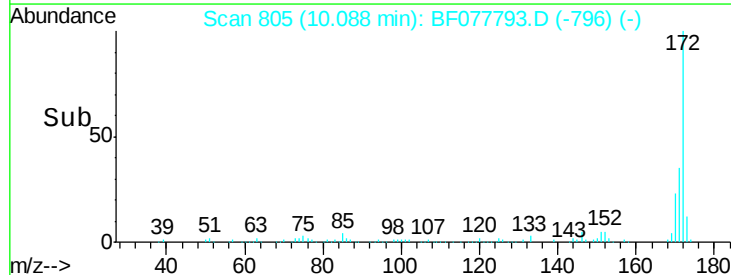
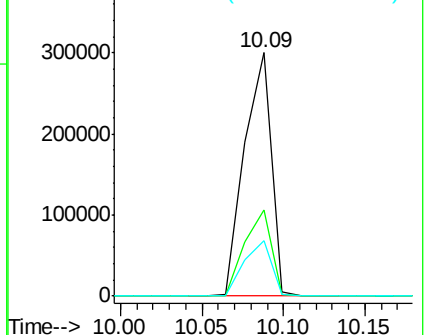


#44
 2-Fluorobiphenyl
 Concen: 59.33 ng
 RT: 10.09 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF077793.D
 Acq: 18 Mar 2015 10:49

Tgt Ion:172 Resp: 342062
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.5 42.7
 170 22.8 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

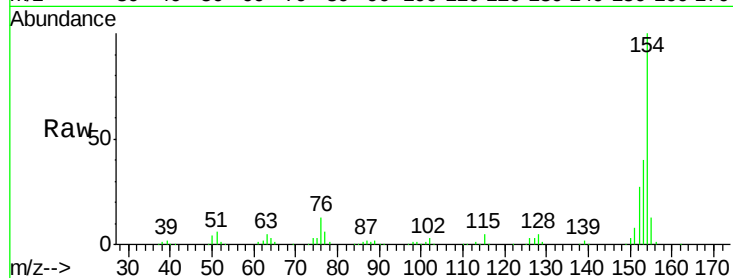




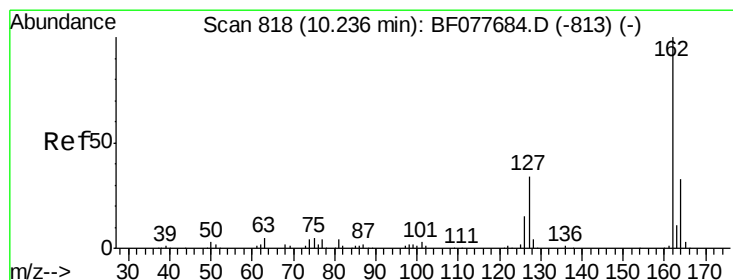
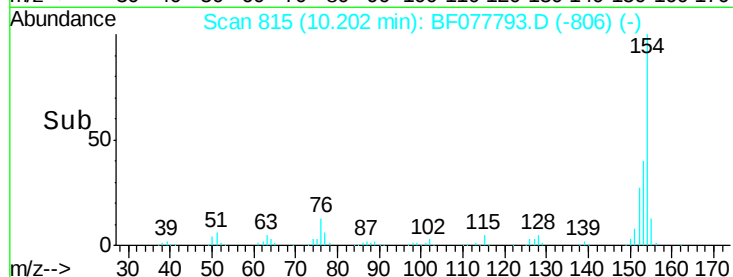
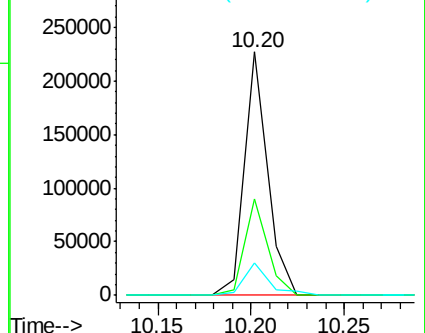
#45
 1,1'-Biphenyl
 Concen: 29.22 ng
 RT: 10.20 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF077793.D
 Acq: 18 Mar 2015 10:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-12(13-15)MS

Tgt Ion:154 Resp: 197879
 Ion Ratio Lower Upper
 154 100
 153 39.5 20.7 60.7
 76 13.4 0.0 30.9

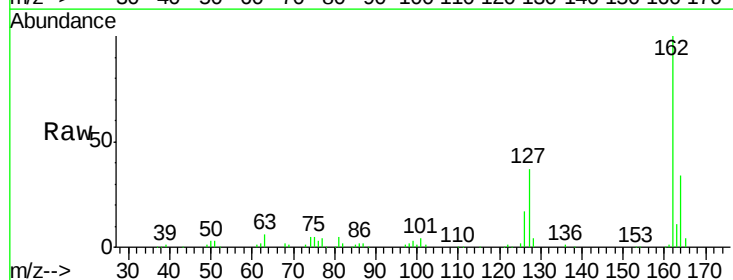


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

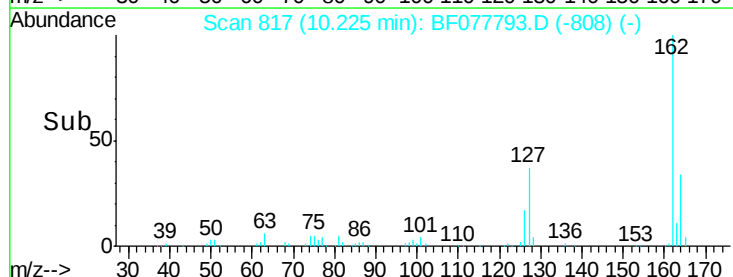
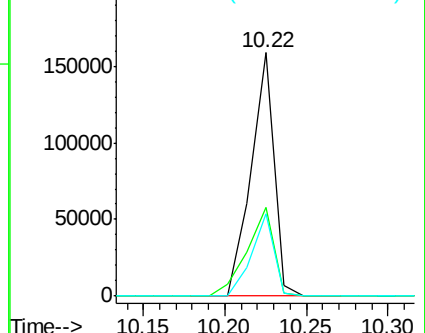


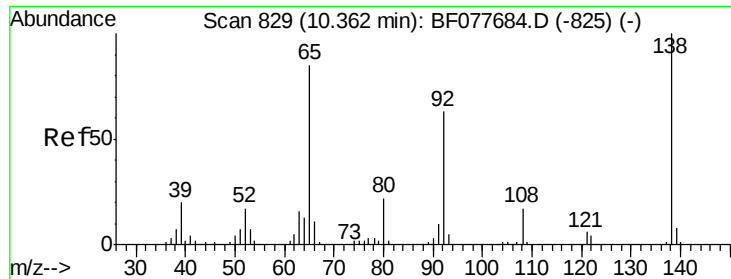
#46
 2-Chloronaphthalene
 Concen: 28.26 ng
 RT: 10.22 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BF077793.D
 Acq: 18 Mar 2015 10:49

Tgt Ion:162 Resp: 155535
 Ion Ratio Lower Upper
 162 100
 127 36.5 26.9 40.3
 164 34.0 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

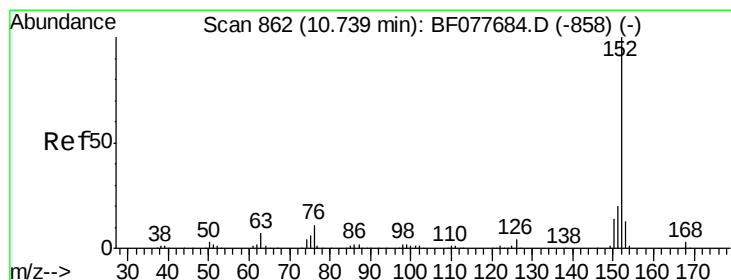
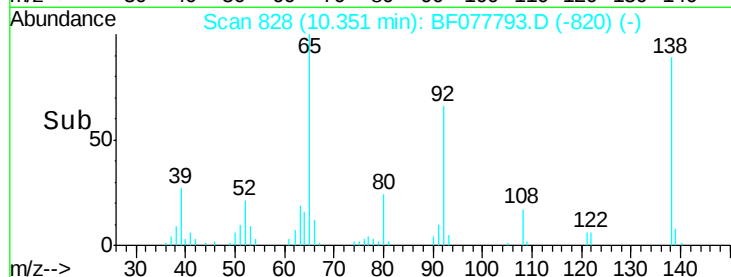
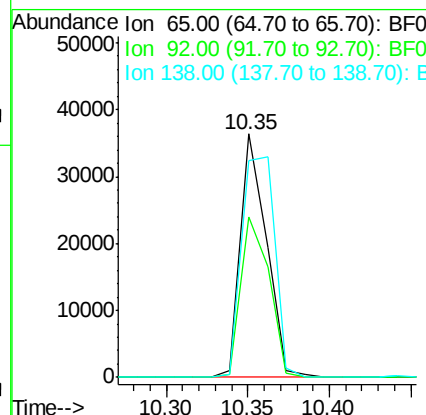
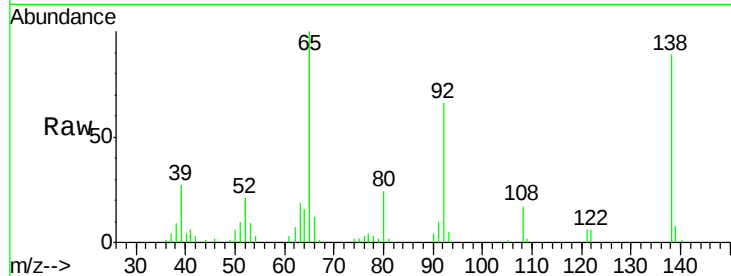




#47
 2-Nitroaniline
 Concen: 29.20 ng
 RT: 10.35 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF077793.D
 Acq: 18 Mar 2015 10:49

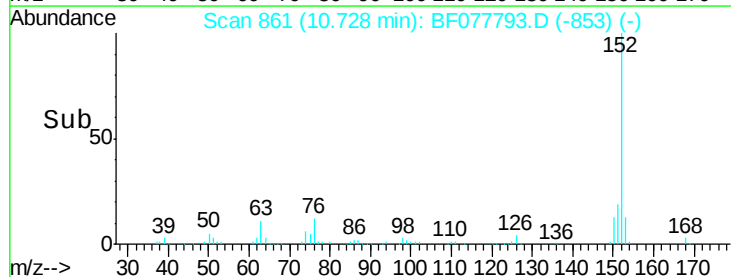
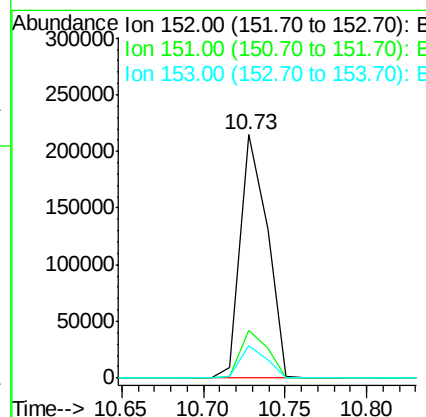
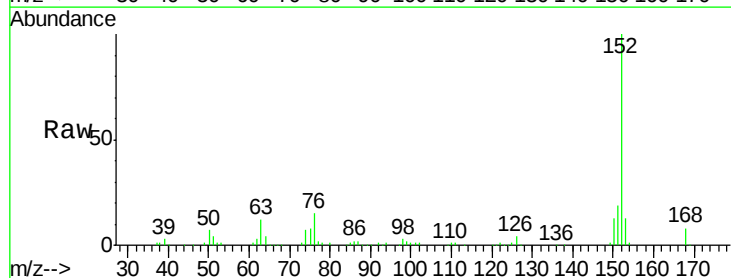
Instrument :
 BNA_F
 ClientSampleId :
 SB-12(13-15)MS

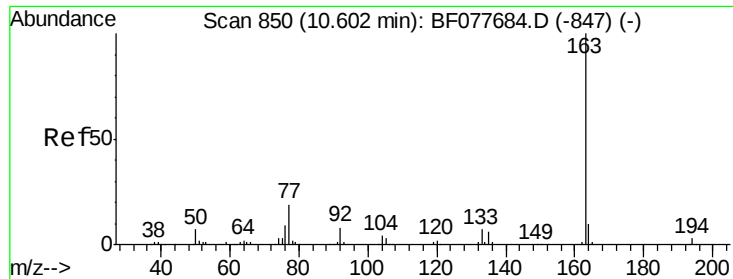
Tgt Ion:	65	Resp:	39918
Ion	Ratio	Lower	Upper
65	100		
92	66.0	59.1	88.7
138	89.1	93.9	140.9#



#48
 Acenaphthylene
 Concen: 26.81 ng
 RT: 10.73 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: BF077793.D
 Acq: 18 Mar 2015 10:49

Tgt Ion:	152	Resp:	245374
Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.9	23.9
153	13.4	10.6	16.0





#49

Dimethylphthalate

Concen: 29.65 ng

RT: 10.59 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

Instrument :

BNA_F

ClientSampleId :

SB-12(13-15)MS

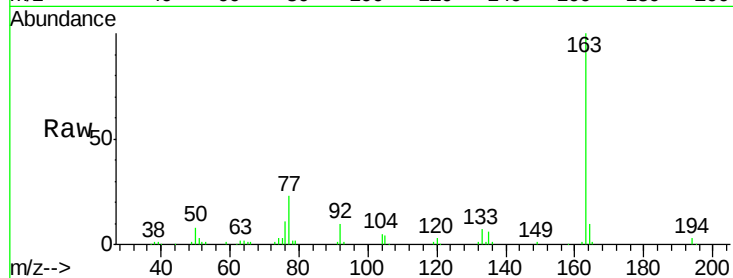
Tgt Ion:163 Resp: 186307

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

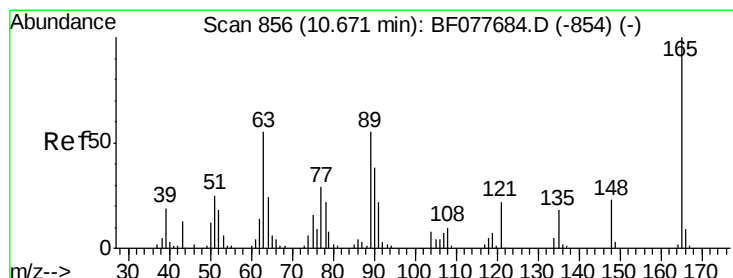
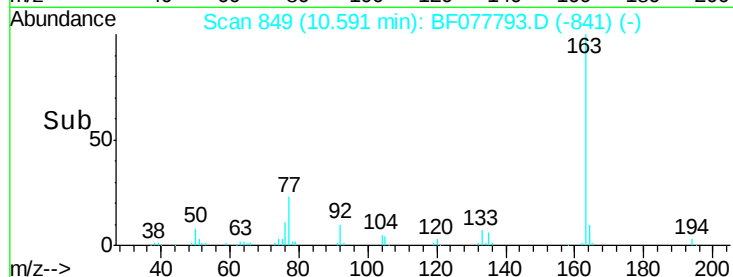
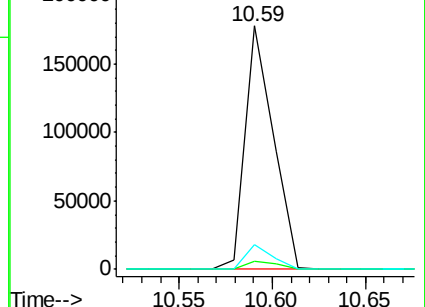
164 10.3 8.2 12.2



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: 29.12 ng

RT: 10.67 min Scan# 856

Delta R.T. -0.00 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

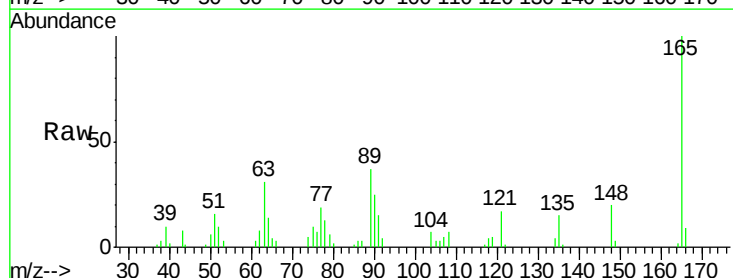
Tgt Ion:165 Resp: 37929

Ion Ratio Lower Upper

165 100

63 30.6 44.1 66.1#

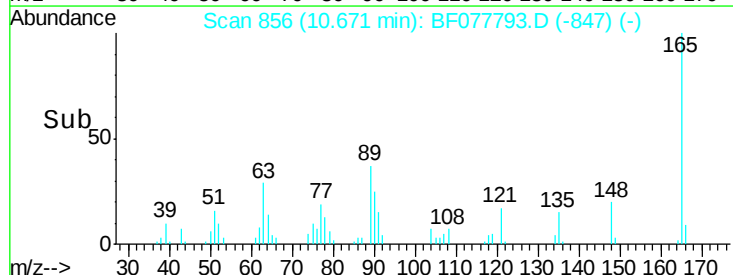
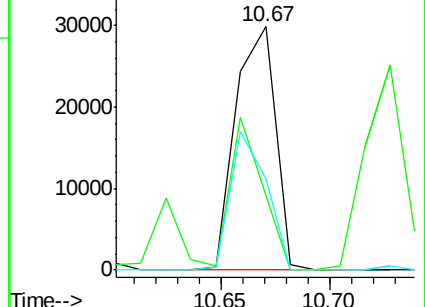
89 37.4 44.3 66.5#



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: 27.09 ng

RT: 10.94 min Scan# 880

Delta R.T. -0.00 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

Instrument :

BNA_F

ClientSampleId :

SB-12(13-15)MS

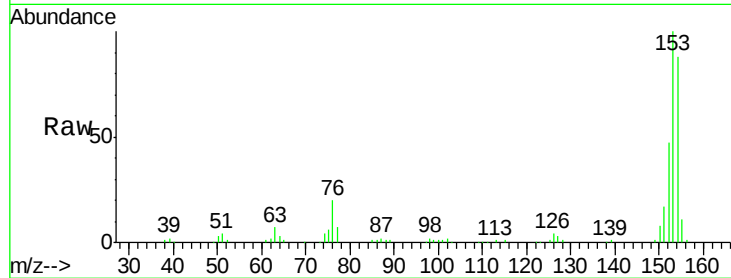
Tgt Ion:154 Resp: 142168

Ion Ratio Lower Upper

154 100

153 113.7 90.0 135.0

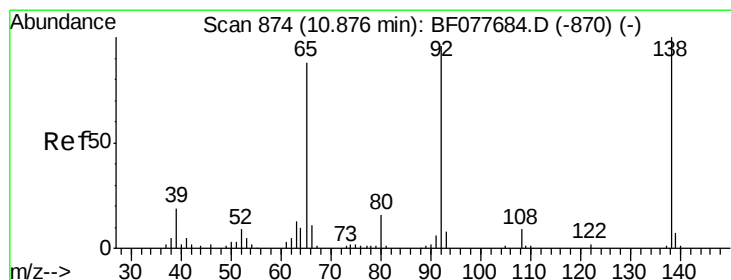
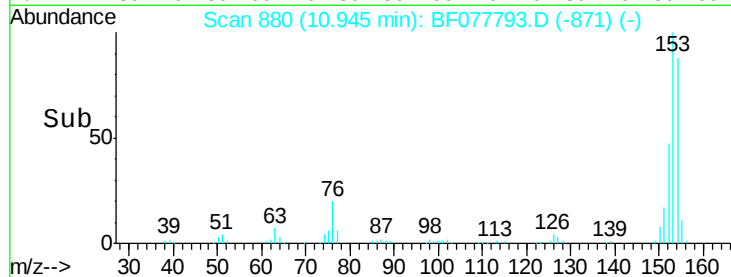
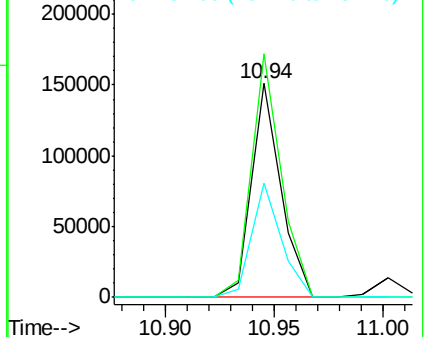
152 53.4 42.6 63.8



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: 24.26 ng

RT: 10.86 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

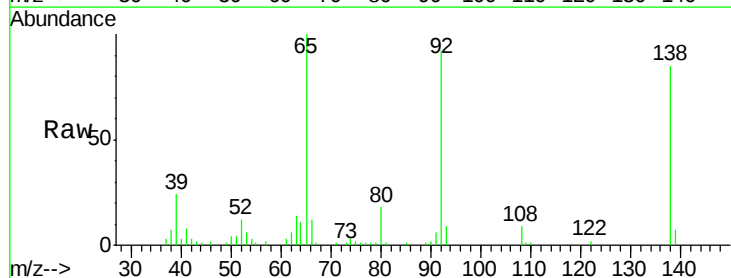
Tgt Ion:138 Resp: 36693

Ion Ratio Lower Upper

138 100

108 10.0 7.3 10.9

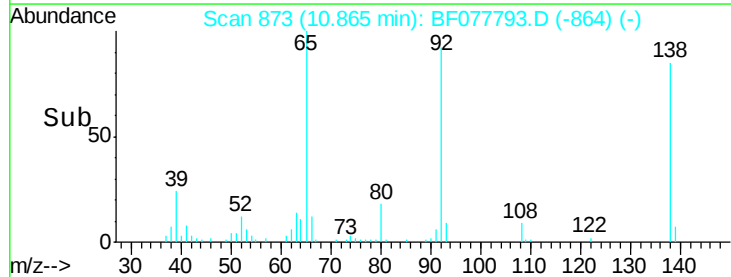
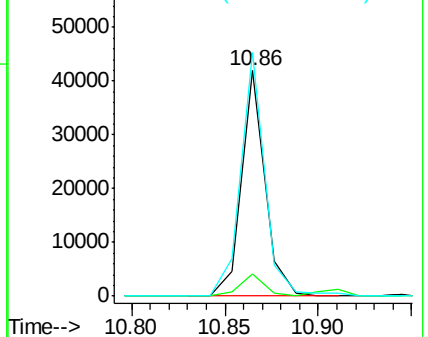
92 108.1 76.6 114.8

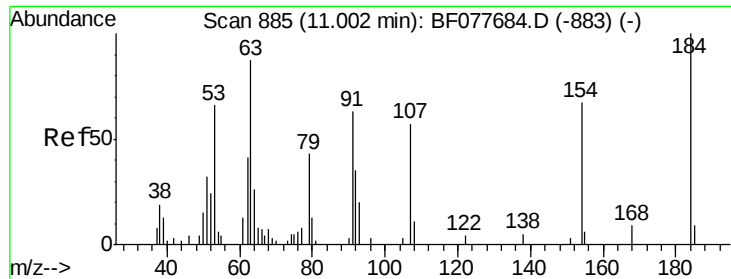


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

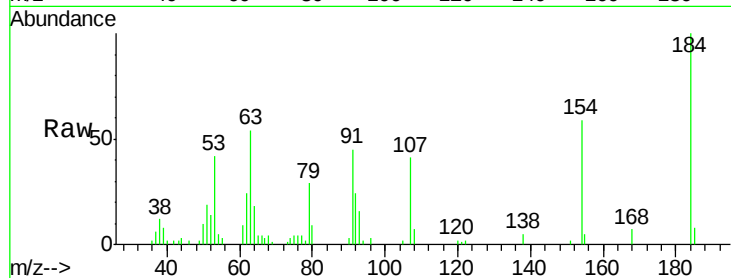




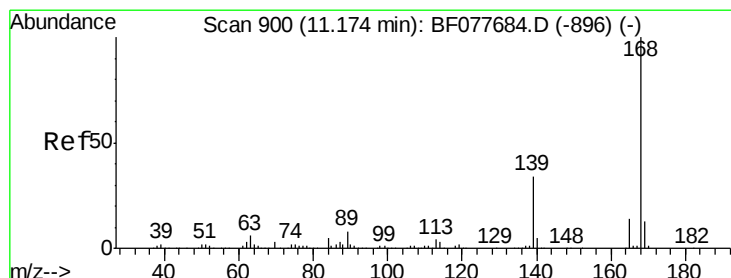
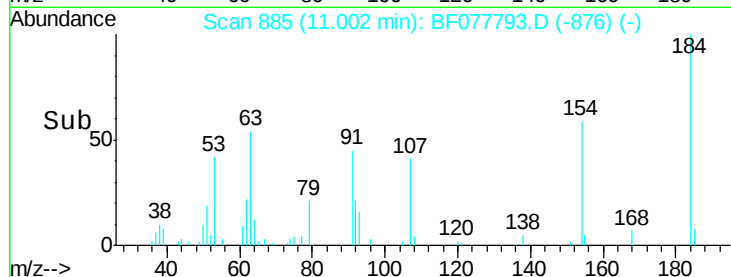
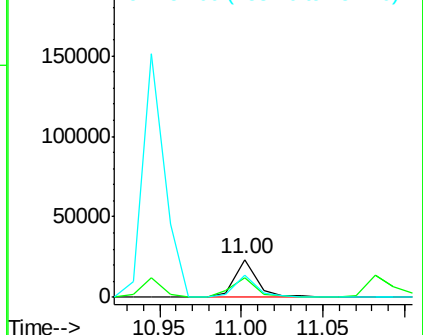
#53
 2,4-Dinitrophenol
 Concen: 51.36 ng
 RT: 11.00 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BF077793.D
 Acq: 18 Mar 2015 10:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-12(13-15)MS

Tgt Ion:184 Resp: 23045
 Ion Ratio Lower Upper
 184 100
 63 53.6 69.2 103.8#
 154 58.7 53.3 79.9

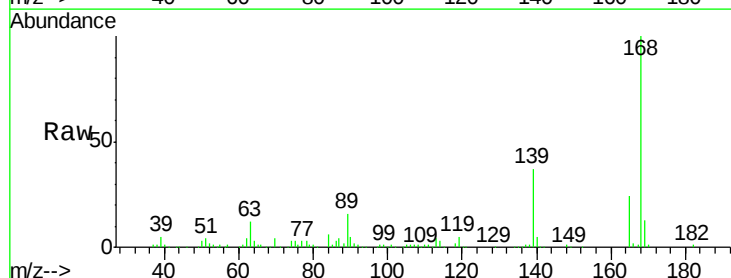


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

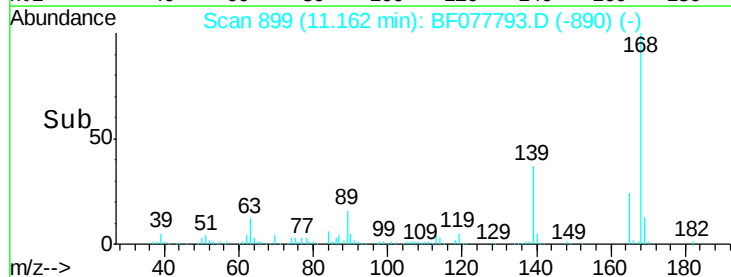
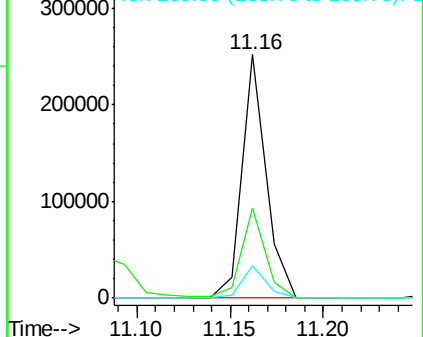


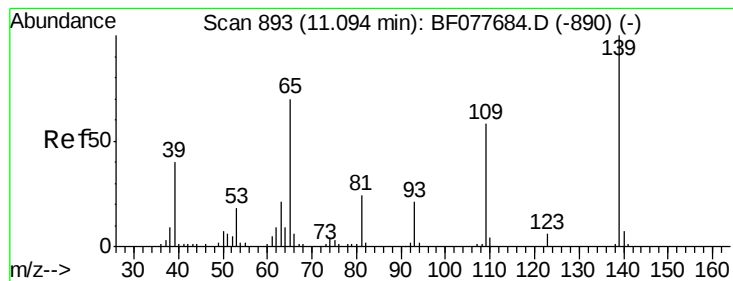
#54
 Dibenzofuran
 Concen: 29.17 ng
 RT: 11.16 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: BF077793.D
 Acq: 18 Mar 2015 10:49

Tgt Ion:168 Resp: 227034
 Ion Ratio Lower Upper
 168 100
 139 37.1 27.3 40.9
 169 13.5 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: 55.76 ng

RT: 11.08 min Scan# 892

Delta R.T. -0.01 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

Instrument :

BNA_F

ClientSampleId :

SB-12(13-15)MS

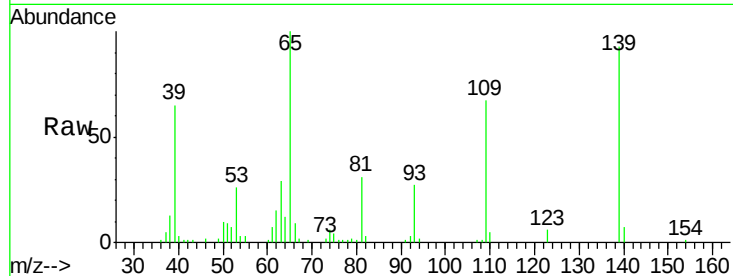
Tgt Ion:139 Resp: 62483

Ion Ratio Lower Upper

139 100

109 72.6 37.7 77.7

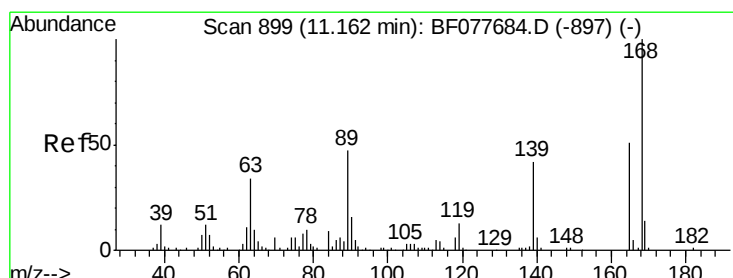
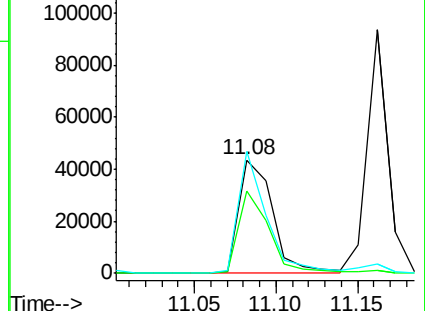
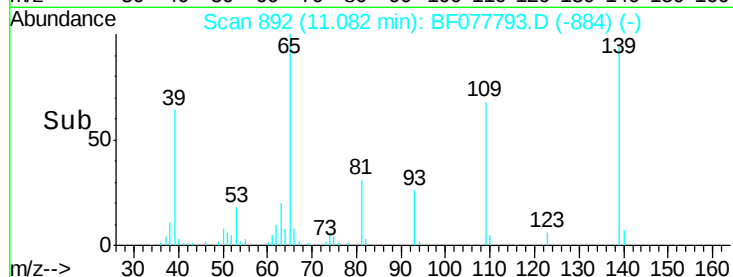
65 107.8 49.9 89.9#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 31.14 ng

RT: 11.16 min Scan# 899

Delta R.T. -0.00 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

Tgt Ion:165 Resp: 52898

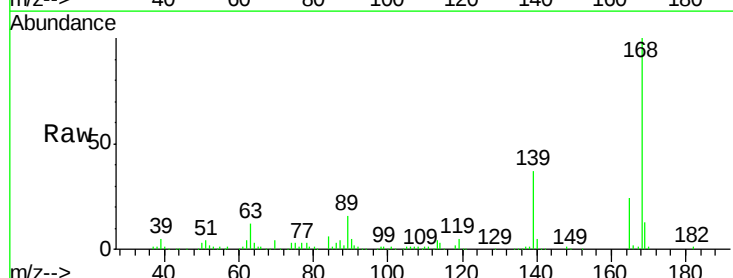
Ion Ratio Lower Upper

165 100

63 49.4 52.4 78.6#

89 69.0 72.4 108.6#

182 2.2 2.0 3.0

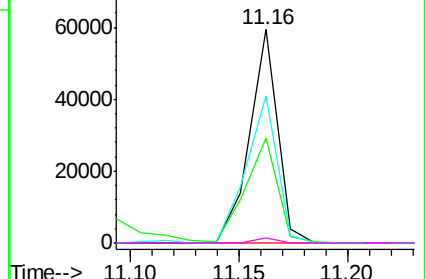
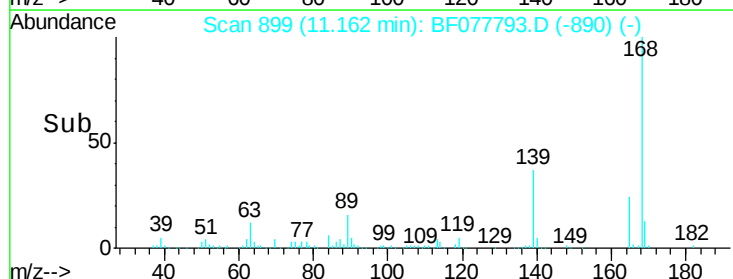


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 28.00 ng

RT: 11.58 min Scan# 936

Delta R.T. -0.00 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

Instrument :

BNA_F

ClientSampleId :

SB-12(13-15)MS

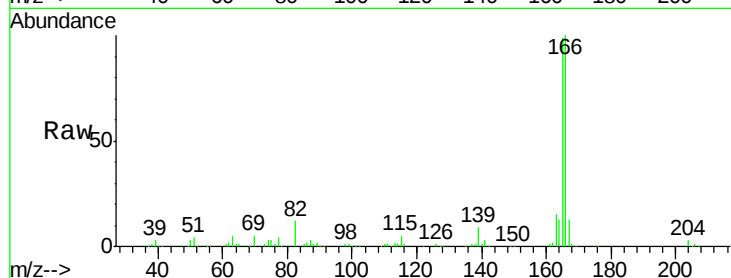
Tgt Ion:166 Resp: 180967

Ion Ratio Lower Upper

166 100

165 98.7 79.0 118.4

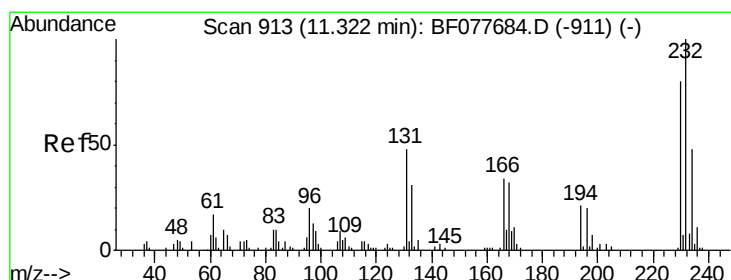
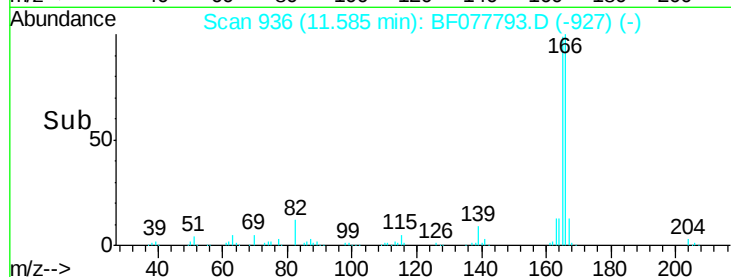
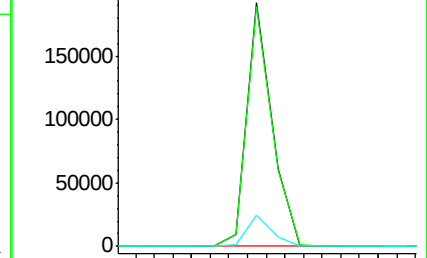
167 12.9 10.3 15.5



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: 26.99 ng

RT: 11.32 min Scan# 913

Delta R.T. -0.00 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

Tgt Ion:232 Resp: 39309

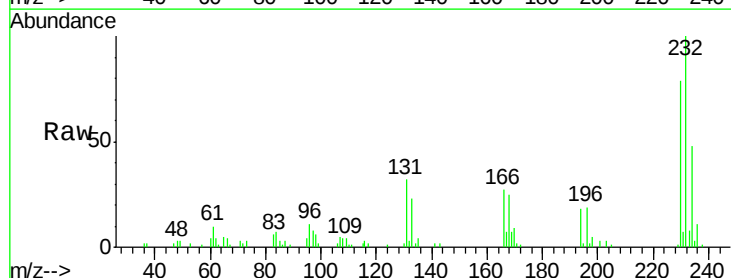
Ion Ratio Lower Upper

232 100

131 45.7 0.0 0.0#

130 2.3 0.0 0.0#

166 33.5 0.0 0.0#

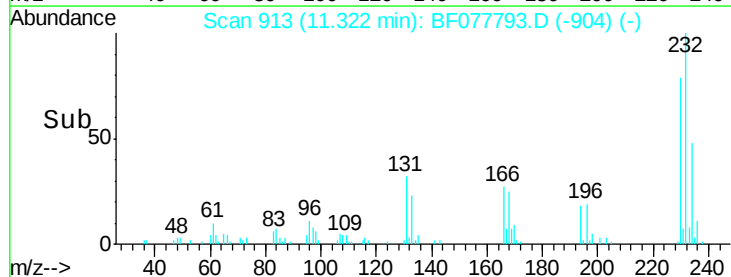
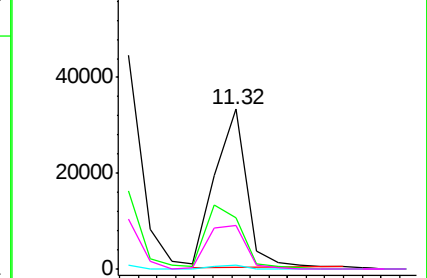


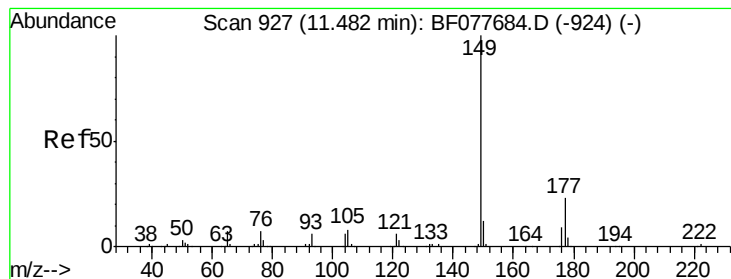
Abundance Ion 232.00 (231.70 to 232.70): E

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: 29.13 ng

RT: 11.47 min Scan# 926

Delta R.T. -0.00 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

Instrument :

BNA_F

ClientSampleId :

SB-12(13-15)MS

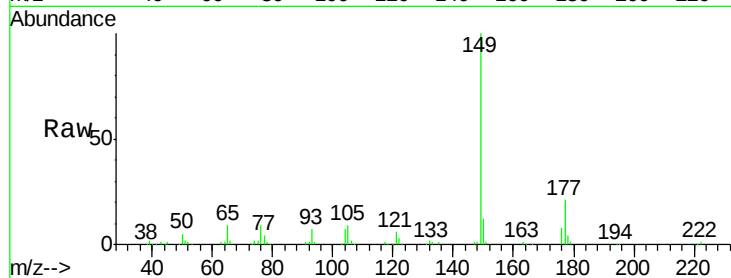
Tgt Ion:149 Resp: 178385

Ion Ratio Lower Upper

149 100

177 20.9 18.3 27.5

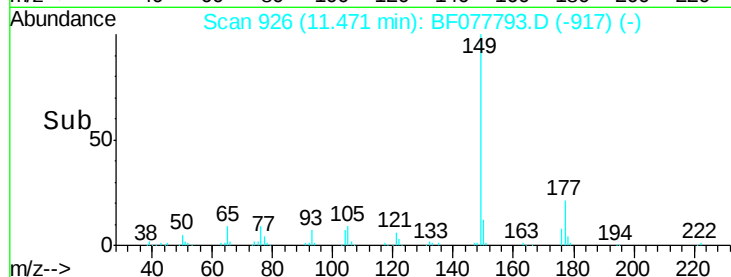
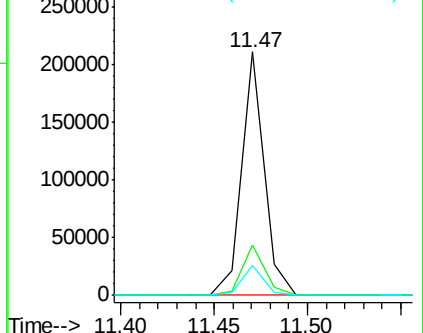
150 12.2 9.8 14.8



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: 27.85 ng

RT: 11.60 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

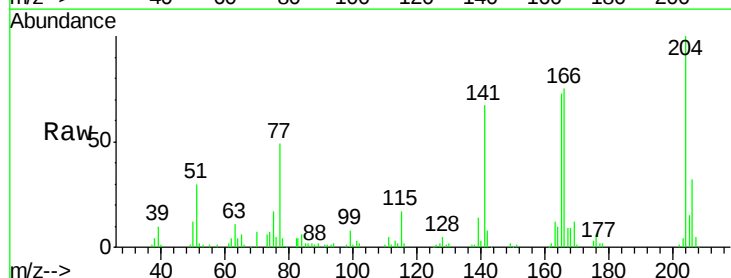
Tgt Ion:204 Resp: 82140

Ion Ratio Lower Upper

204 100

206 32.2 26.6 39.8

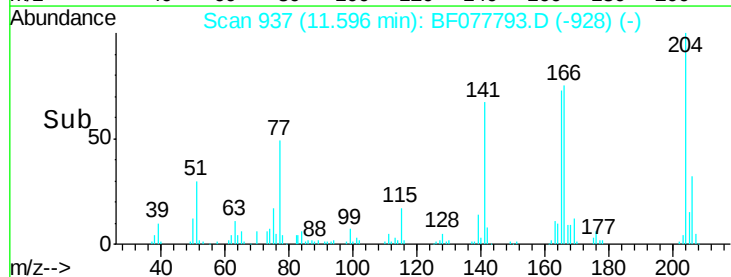
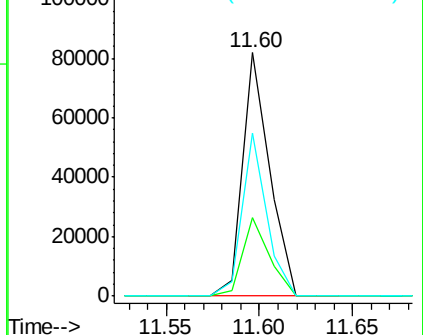
141 66.7 45.2 67.8

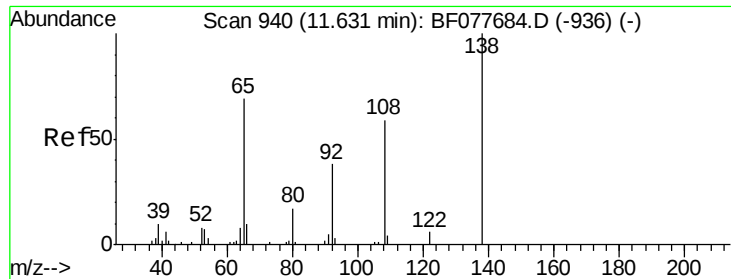


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

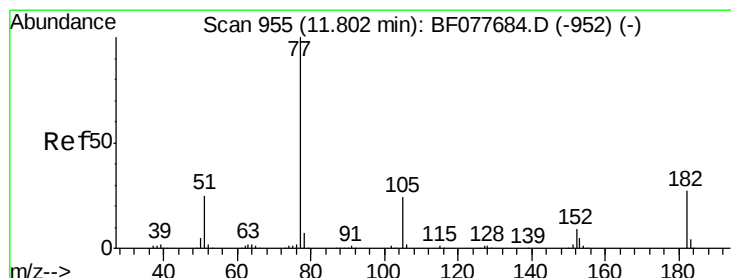
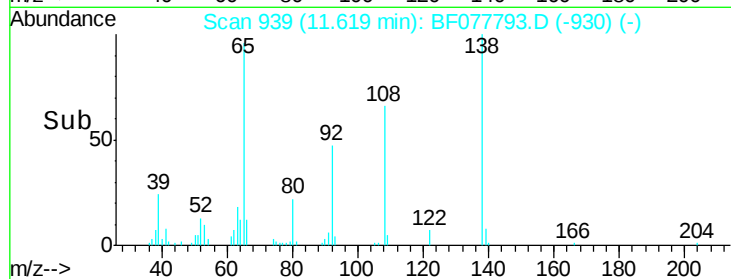
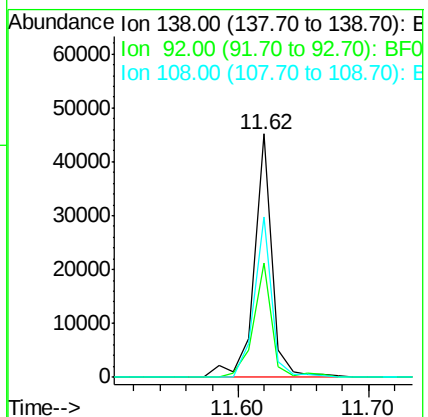
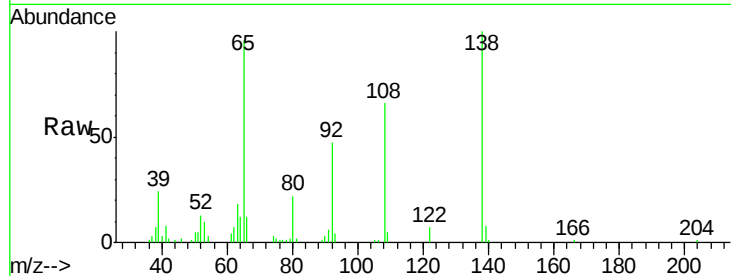




#61
4-Nitroaniline
Concen: 28.55 ng
RT: 11.62 min Scan# 939
Delta R.T. -0.00 min
Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

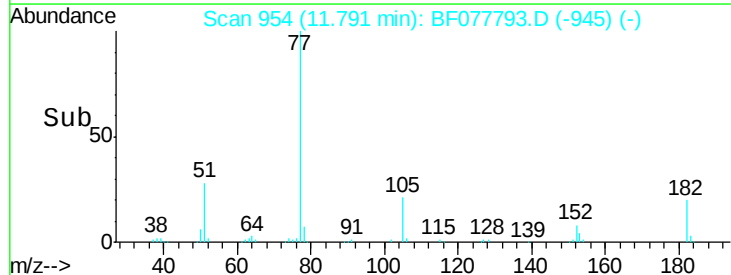
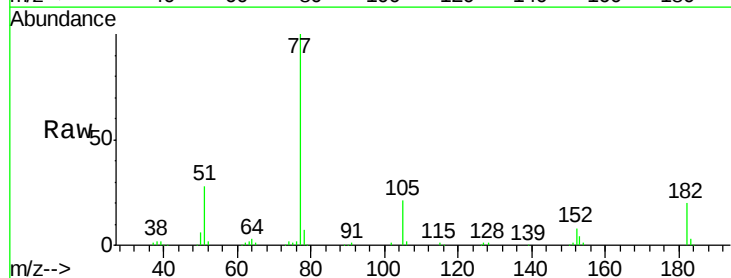
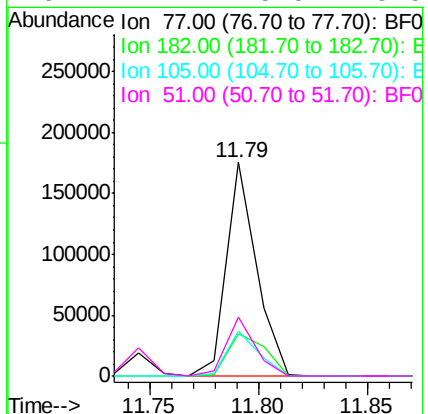
Instrument :
BNA_F
ClientSampleId :
SB-12(13-15)MS

Tgt Ion:138 Resp: 43048
Ion Ratio Lower Upper
138 100
92 47.2 16.7 56.7
108 66.1 37.6 77.6



#62
Azobenzene
Concen: 28.61 ng
RT: 11.79 min Scan# 954
Delta R.T. -0.00 min
Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

Tgt Ion: 77 Resp: 167450
Ion Ratio Lower Upper
77 100
182 19.5 6.5 46.5
105 21.2 3.8 43.8
51 27.7 5.5 45.5

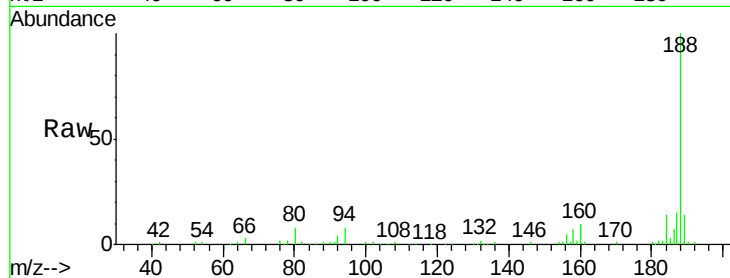




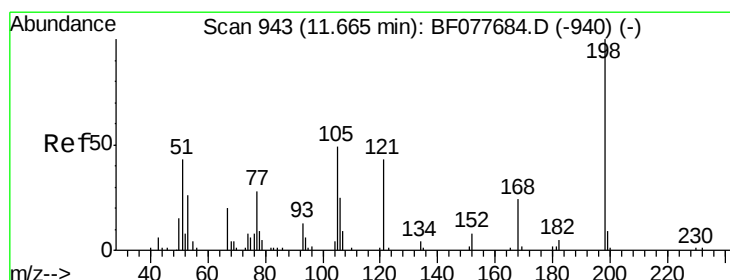
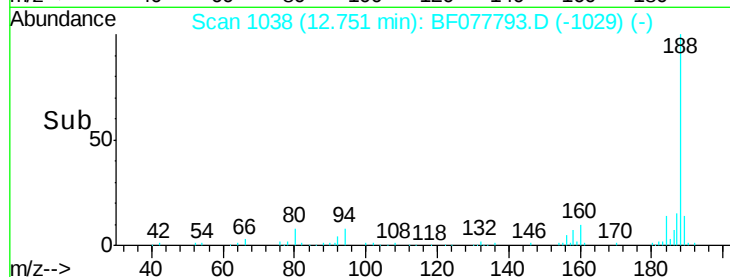
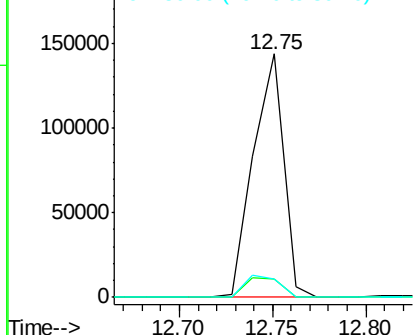
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.75 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

Instrument :
BNA_F
ClientSampleId :
SB-12(13-15)MS

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	8.7	13.1#
80	7.6	9.3	13.9#

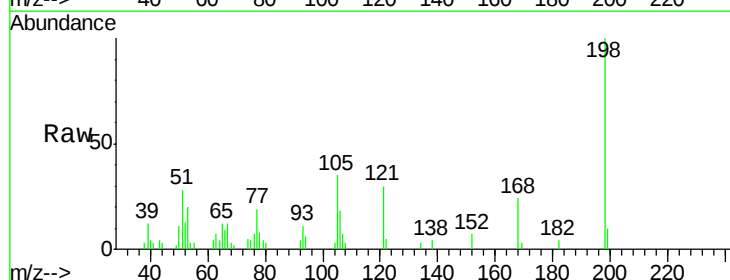


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

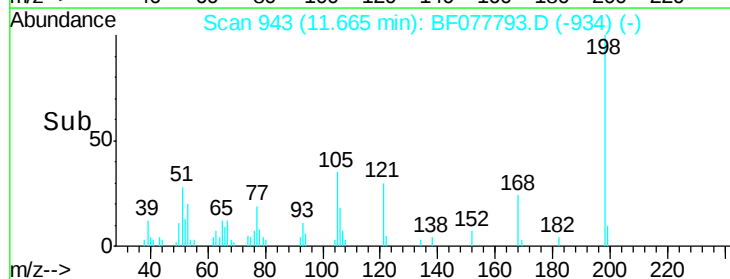
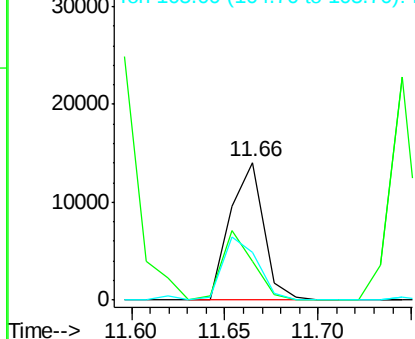


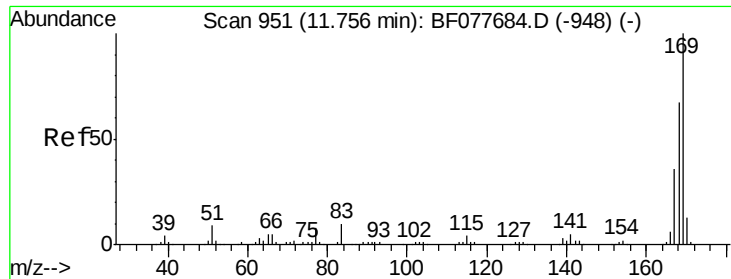
#64
4,6-Dinitro-2-methylphenol
Concen: 25.29 ng
RT: 11.66 min Scan# 943
Delta R.T. -0.00 min
Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

Tgt Ion	Ratio	Lower	Upper
198	100		
51	28.0	28.8	68.8#
105	34.8	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

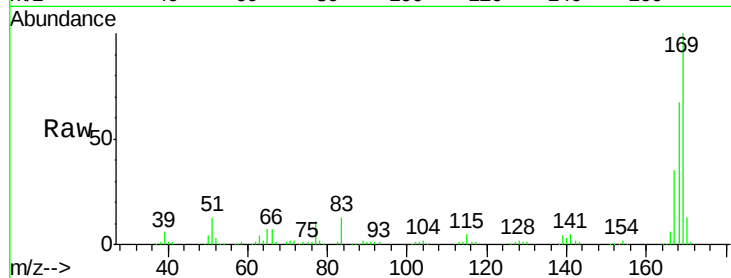




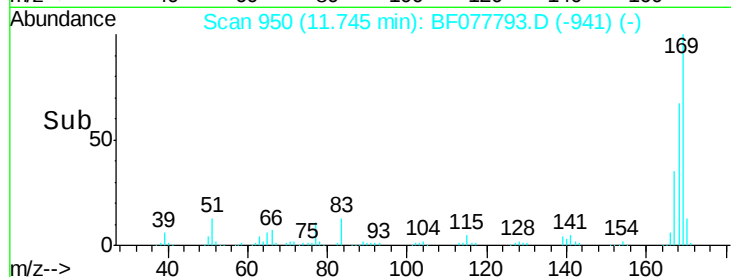
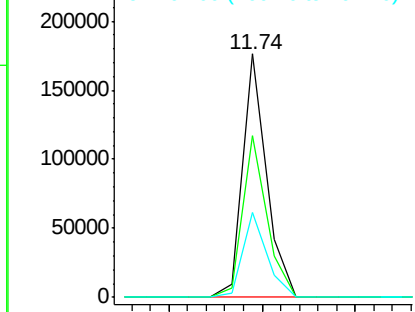
#65
 n-Nitrosodiphenylamine
 Concen: 29.14 ng
 RT: 11.74 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: BF077793.D
 Acq: 18 Mar 2015 10:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-12(13-15)MS

Tgt Ion:169 Resp: 157081
 Ion Ratio Lower Upper
 169 100
 168 66.5 53.9 80.9
 167 35.1 28.9 43.3

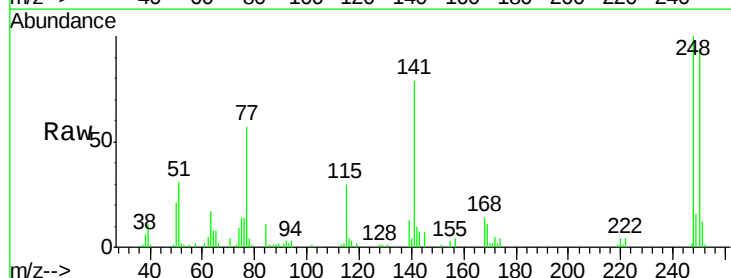


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

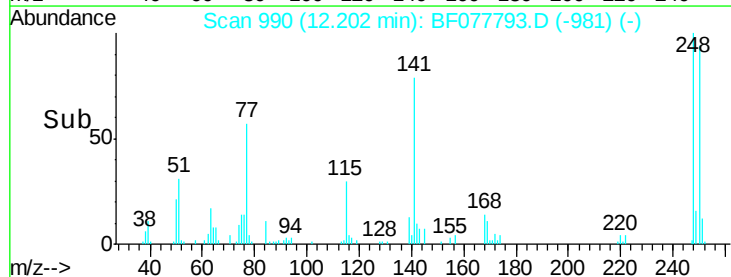
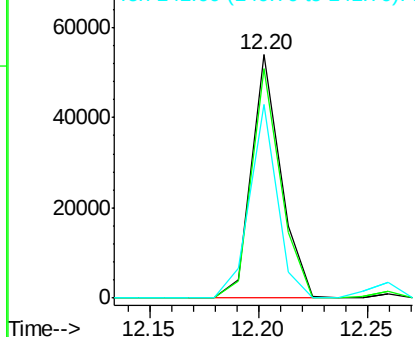


#66
 4-Bromophenyl-phenylether
 Concen: 29.50 ng
 RT: 12.20 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: BF077793.D
 Acq: 18 Mar 2015 10:49

Tgt Ion:248 Resp: 50963
 Ion Ratio Lower Upper
 248 100
 250 94.3 77.4 116.0
 141 79.4 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

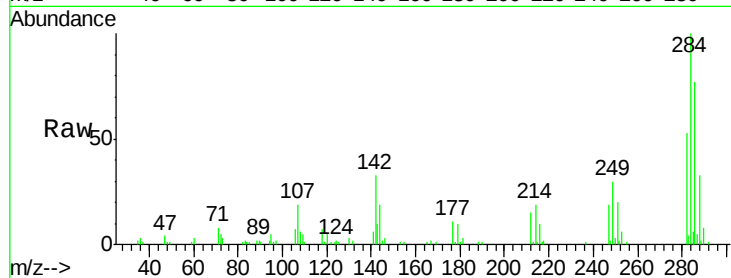




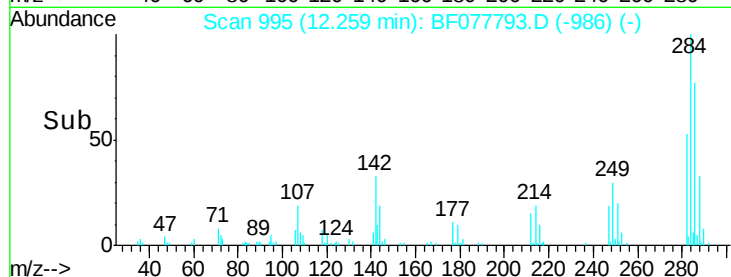
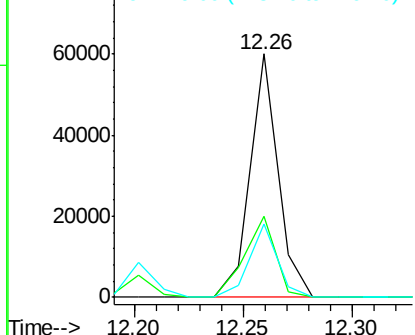
#67
Hexachlorobenzene
Concen: 28.24 ng
RT: 12.26 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

Instrument :
BNA_F
ClientSampleId :
SB-12(13-15)MS

Tgt Ion:284 Resp: 53615
Ion Ratio Lower Upper
284 100
142 33.2 20.4 30.6#
249 30.4 23.8 35.6

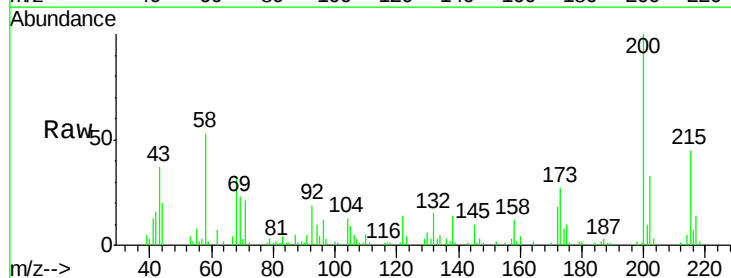


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

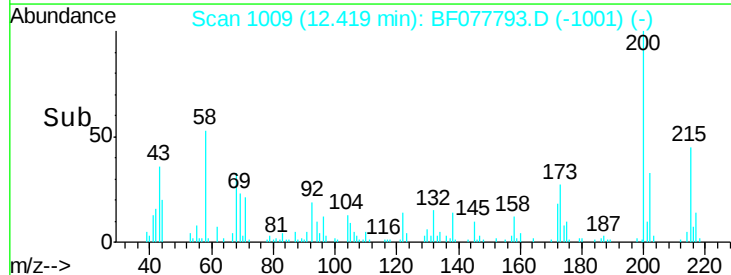
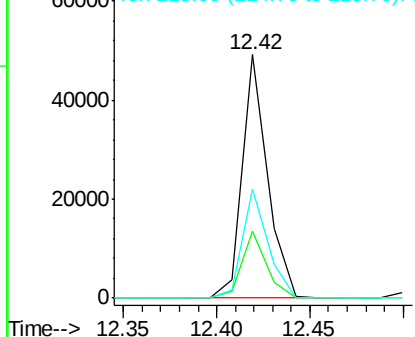


#68
Atrazine
Concen: 30.55 ng
RT: 12.42 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

Tgt Ion:200 Resp: 46156
Ion Ratio Lower Upper
200 100
173 27.3 4.8 44.8
215 44.8 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: 54.41 ng

RT: 12.51 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

Instrument :

BNA_F

ClientSampleId :

SB-12(13-15)MS

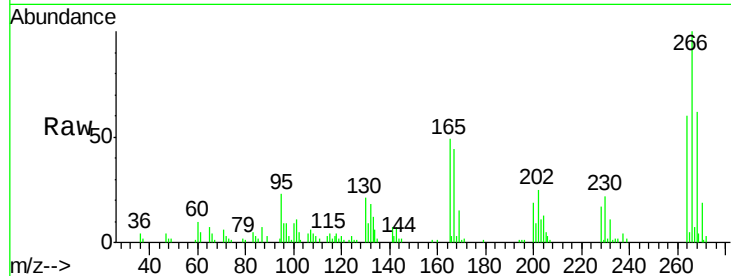
Tgt Ion:266 Resp: 53078

Ion Ratio Lower Upper

266 100

268 62.2 52.0 78.0

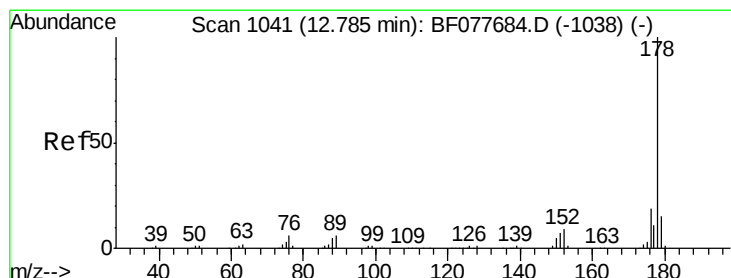
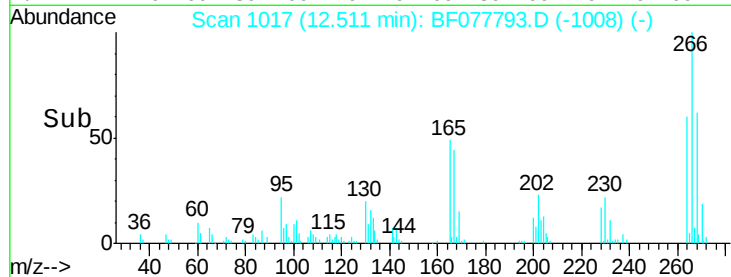
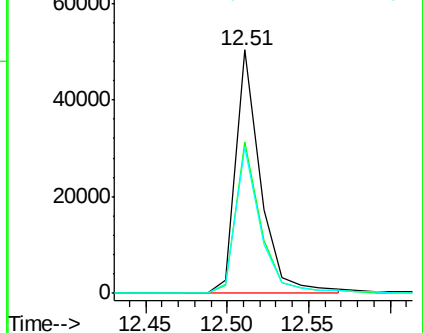
264 60.4 49.0 73.4



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: 28.78 ng

RT: 12.77 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

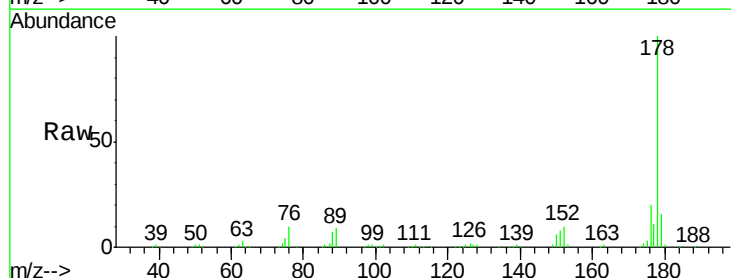
Tgt Ion:178 Resp: 267463

Ion Ratio Lower Upper

178 100

176 19.6 15.2 22.8

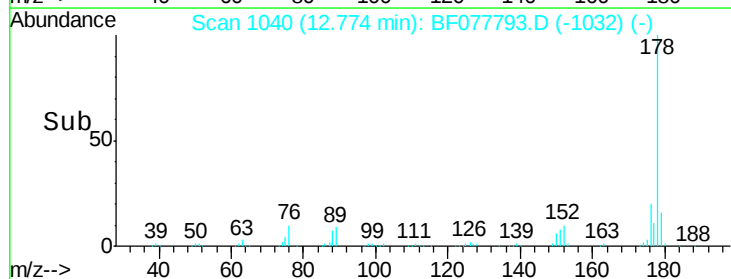
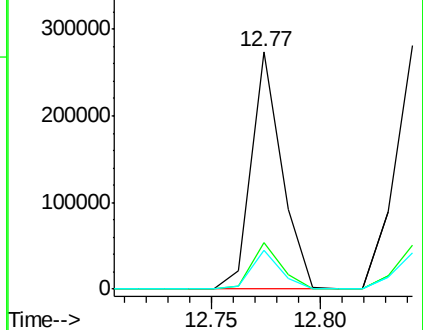
179 16.1 12.1 18.1



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

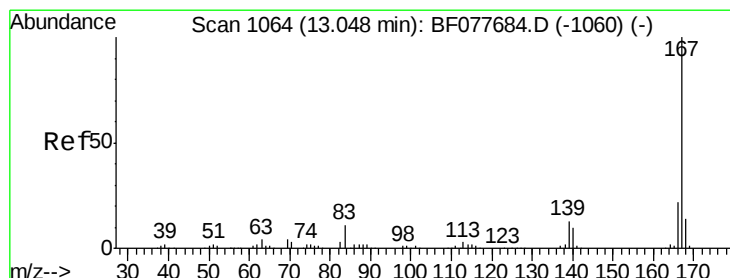
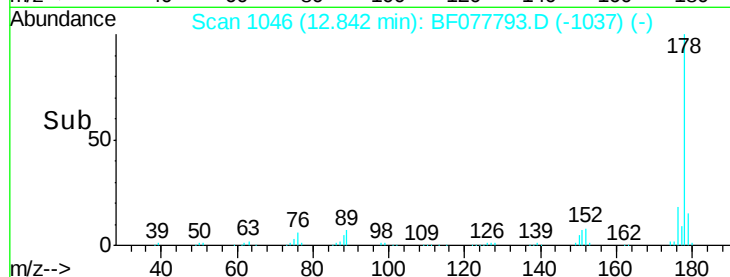
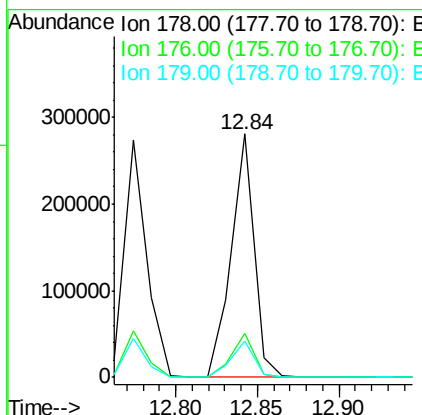
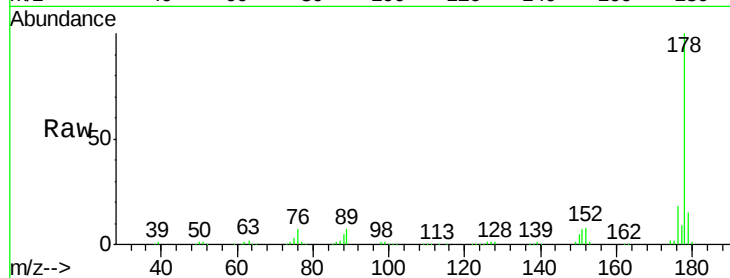




#71
 Anthracene
 Concen: 29.51 ng
 RT: 12.84 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BF077793.D
 Acq: 18 Mar 2015 10:49

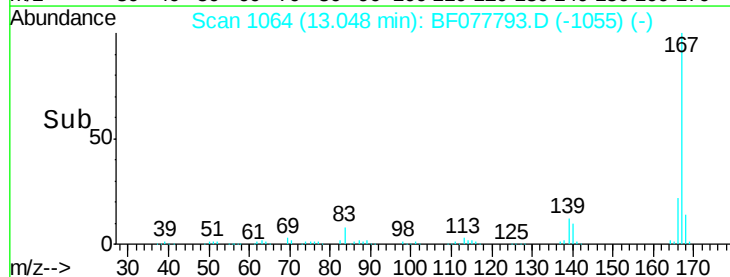
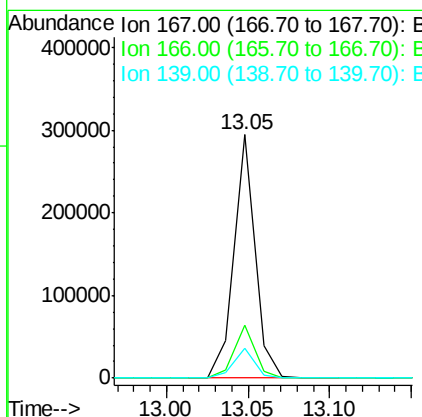
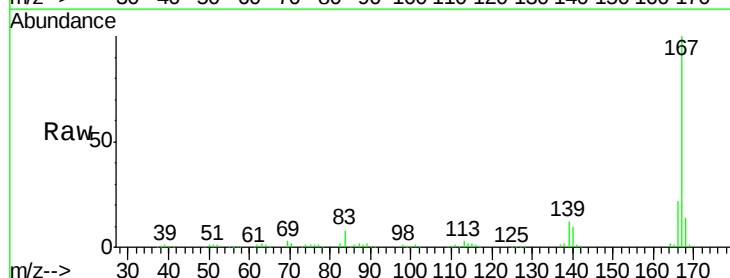
Instrument :
 BNA_F
 ClientSampleId :
 SB-12(13-15)MS

Tgt Ion:178 Resp: 270946
 Ion Ratio Lower Upper
 178 100
 176 18.2 14.6 22.0
 179 15.1 12.6 19.0



#72
 Carbazole
 Concen: 30.11 ng
 RT: 13.05 min Scan# 1064
 Delta R.T. -0.00 min
 Lab File: BF077793.D
 Acq: 18 Mar 2015 10:49

Tgt Ion:167 Resp: 263010
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.2 25.8
 139 12.2 10.8 16.2

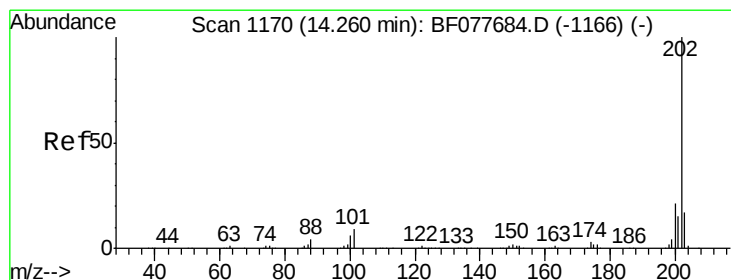
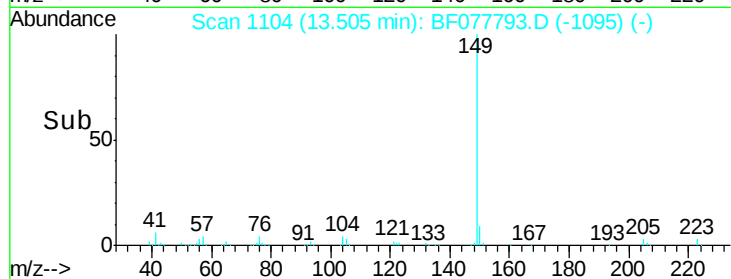
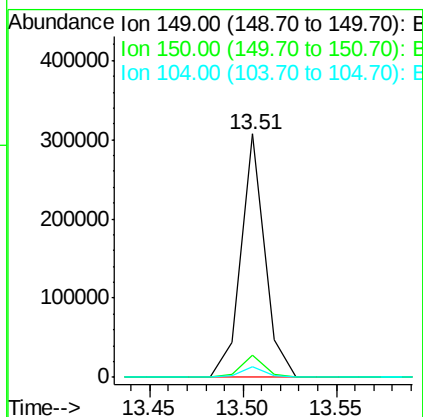
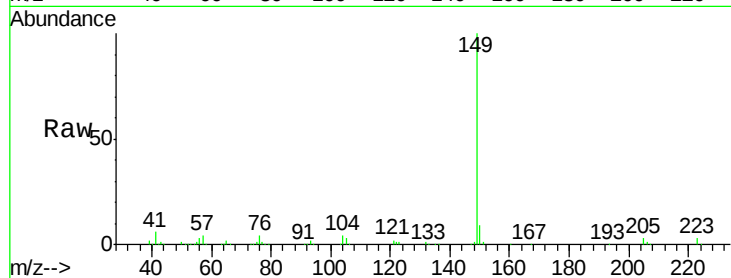




#73
Di-n-butylphthalate
Concen: 28.03 ng
RT: 13.51 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

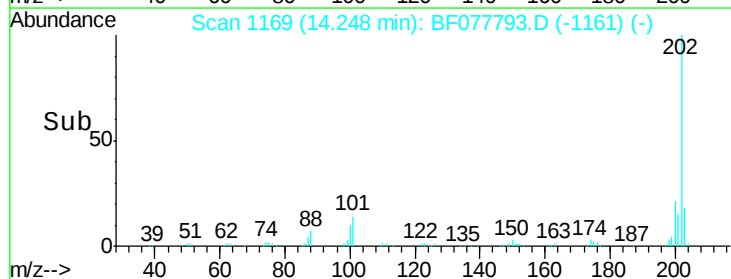
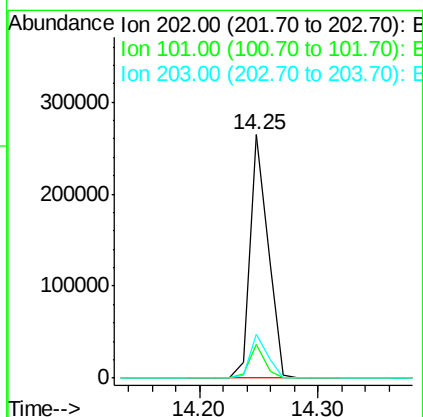
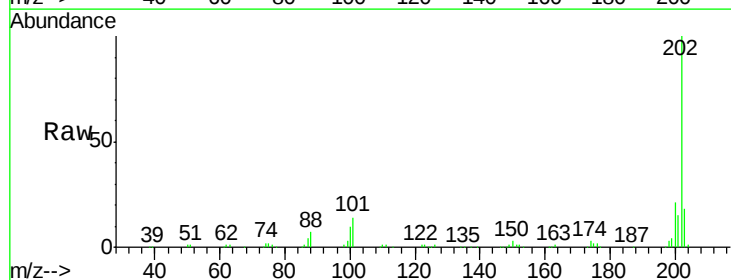
Instrument :
BNA_F
ClientSampleId :
SB-12(13-15)MS

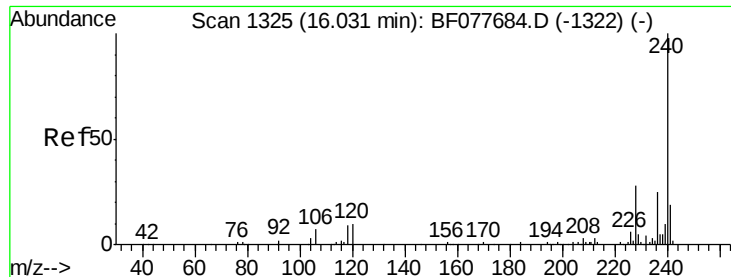
Tgt Ion:149 Resp: 274484
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 4.5 3.7 5.5



#74
Fluoranthene
Concen: 27.49 ng
RT: 14.25 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

Tgt Ion:202 Resp: 281825
Ion Ratio Lower Upper
202 100
101 13.7 0.0 28.7
203 18.1 0.0 37.2

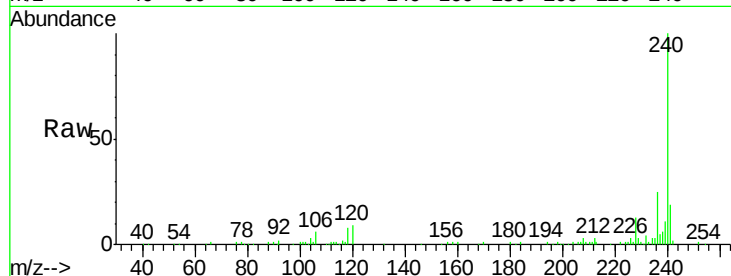




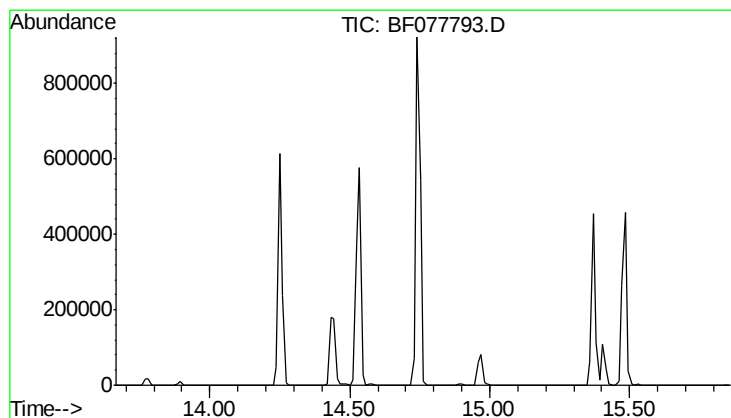
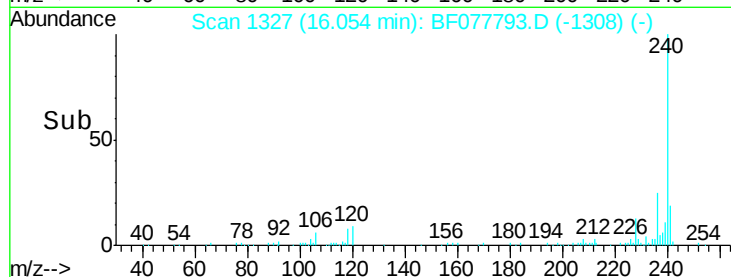
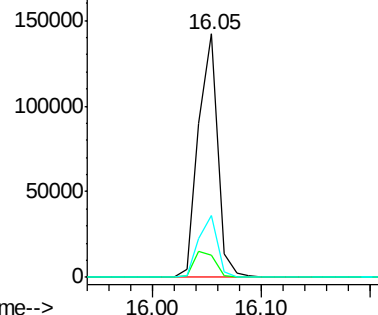
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.05 min Scan# 1327
Delta R.T. -0.08 min
Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

Instrument :
BNA_F
ClientSampleId :
SB-12(13-15)MS

Tgt Ion: 240 Resp: 174880
Ion Ratio Lower Upper
240 100
120 9.2 8.2 12.2
236 25.3 20.0 30.0



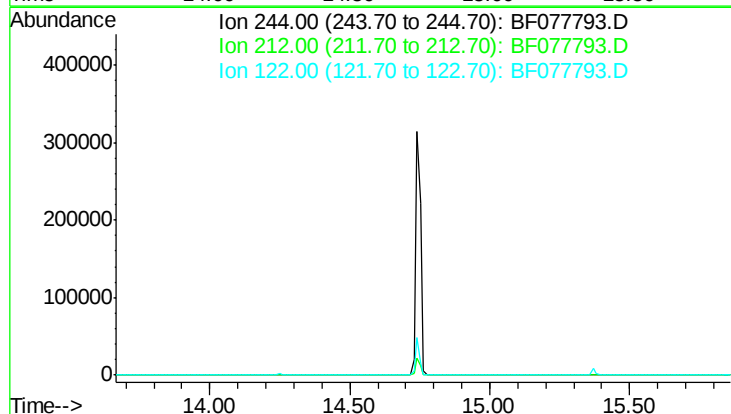
Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

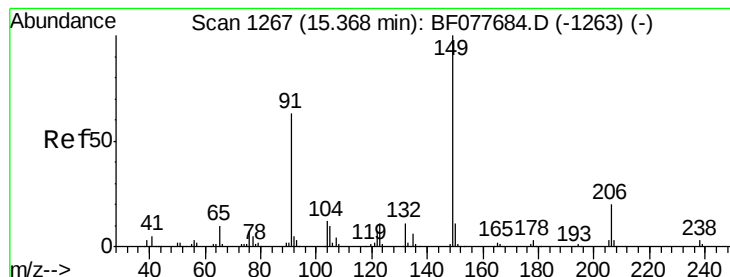


#78
Terphenyl-d14
Concen: 0.00 ng
Expected RT: 14.76 min

Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

Tgt Ion: 244
Sig Exp Ratio
244 100
212 6.1
122 7.8





#79

Butylbenzylphthalate

Concen: 26.52 ng

RT: 15.37 min Scan# 1267

Delta R.T. -0.05 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

Instrument :

BNA_F

ClientSampleId :

SB-12(13-15)MS

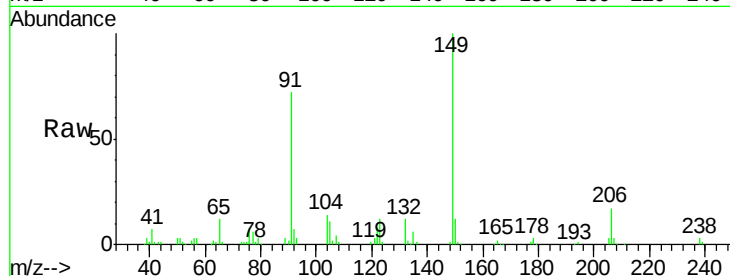
Tgt Ion:149 Resp: 114982

Ion Ratio Lower Upper

149 100

91 72.2 50.1 75.1

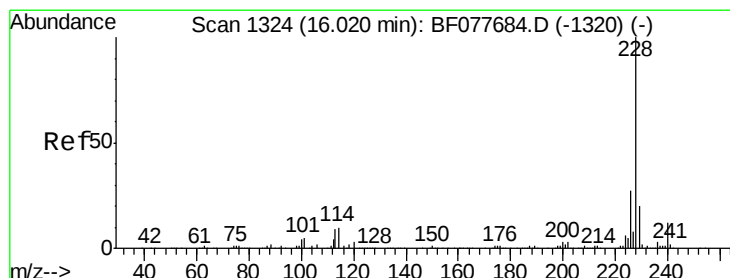
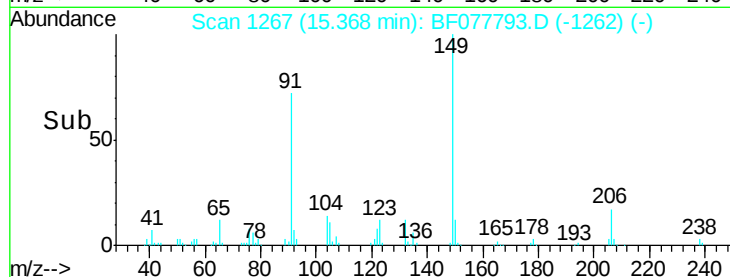
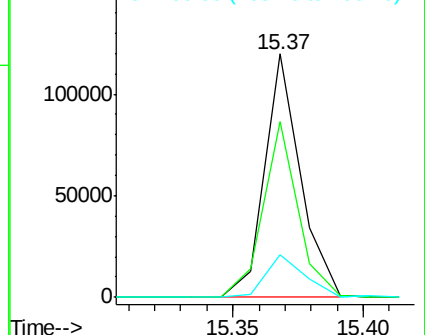
206 17.5 16.2 24.2



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: 27.70 ng

RT: 16.04 min Scan# 1326

Delta R.T. -0.08 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

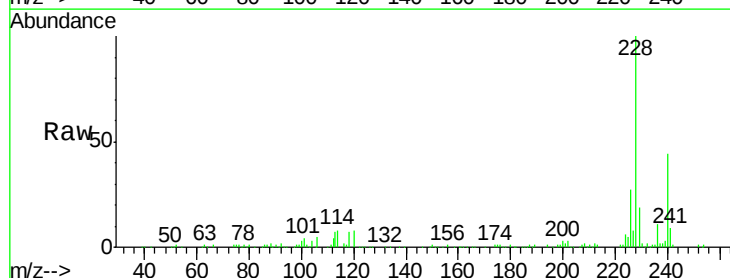
Tgt Ion:228 Resp: 287139

Ion Ratio Lower Upper

228 100

226 26.6 21.7 32.5

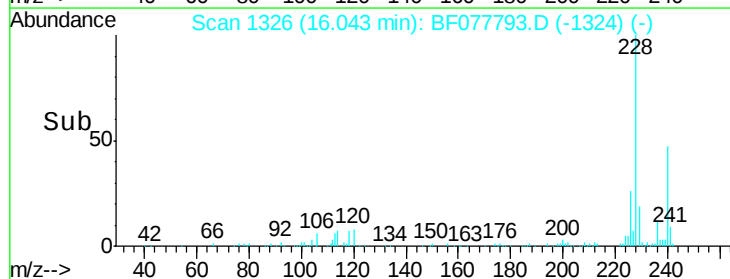
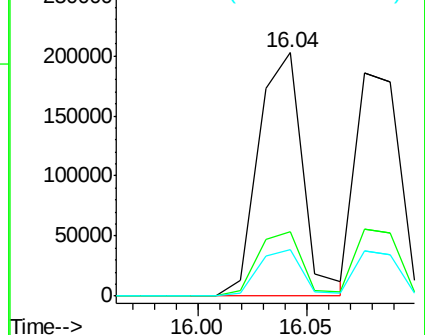
229 18.9 16.0 24.0

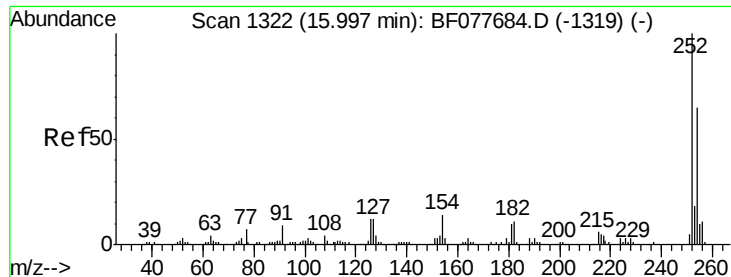


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

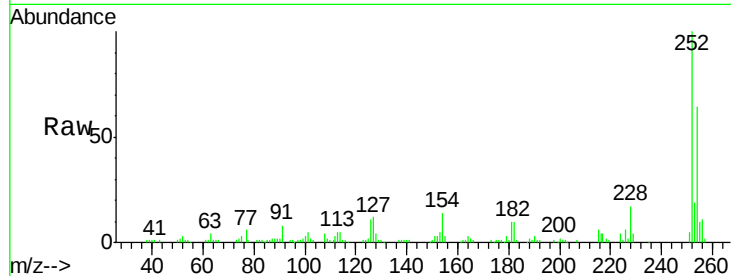




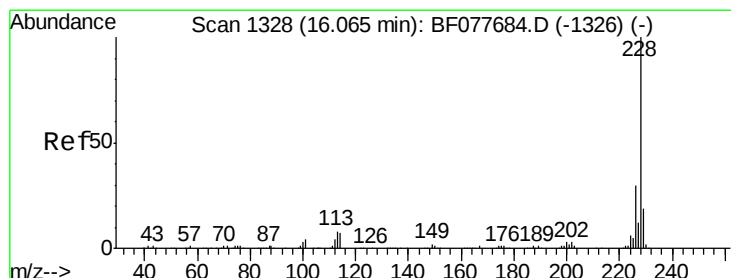
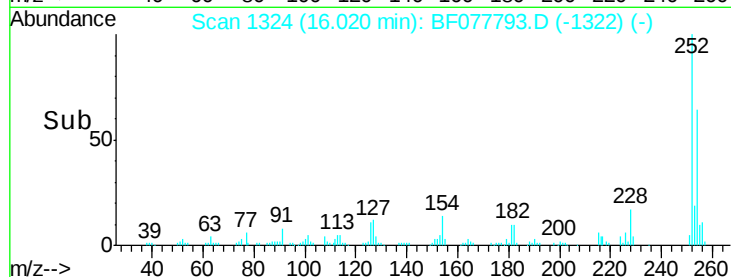
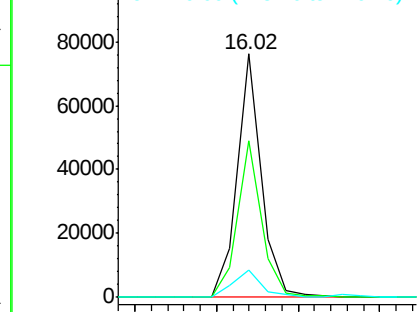
#81
 3,3'-Dichlorobenzidine
 Concen: 22.75 ng
 RT: 16.02 min Scan# 1324
 Delta R.T. -0.08 min
 Lab File: BF077793.D
 Acq: 18 Mar 2015 10:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-12(13-15)MS

Tgt Ion: 252 Resp: 77786
 Ion Ratio Lower Upper
 252 100
 254 64.5 51.9 77.9
 126 11.1 9.8 14.8

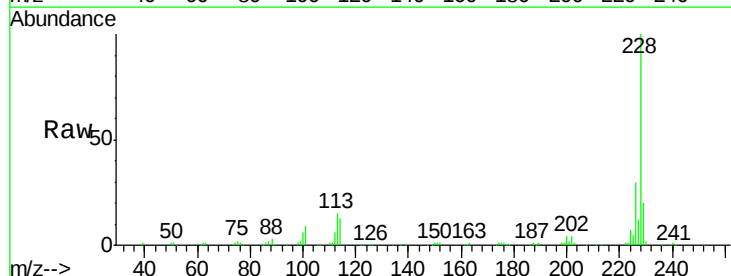


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

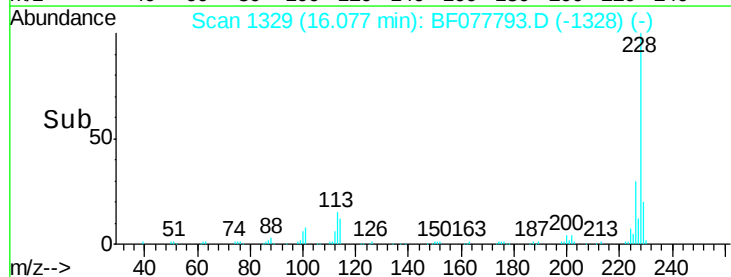
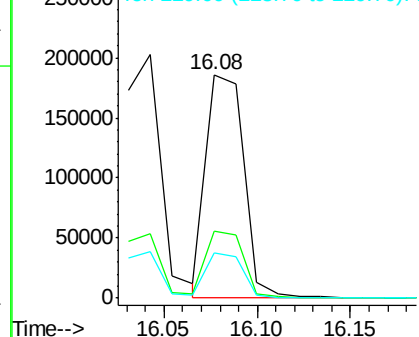


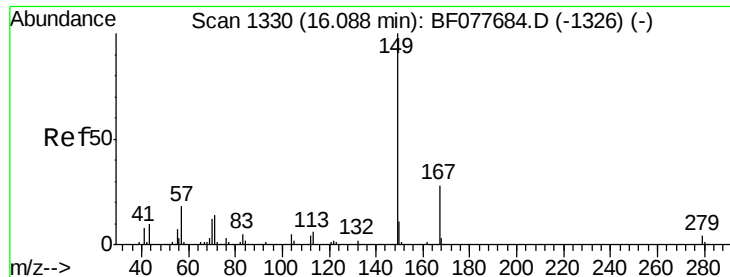
#82
 Chrysene
 Concen: 28.01 ng
 RT: 16.08 min Scan# 1329
 Delta R.T. -0.09 min
 Lab File: BF077793.D
 Acq: 18 Mar 2015 10:49

Tgt Ion: 228 Resp: 261052
 Ion Ratio Lower Upper
 228 100
 226 29.8 24.1 36.1
 229 20.3 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

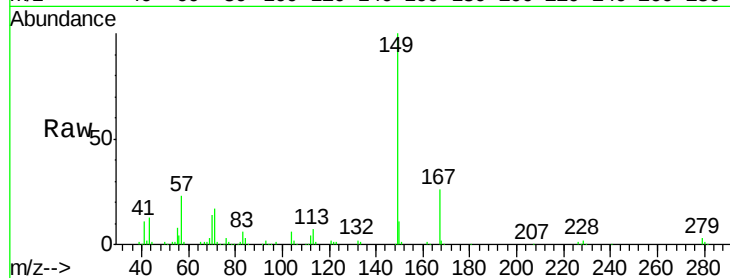




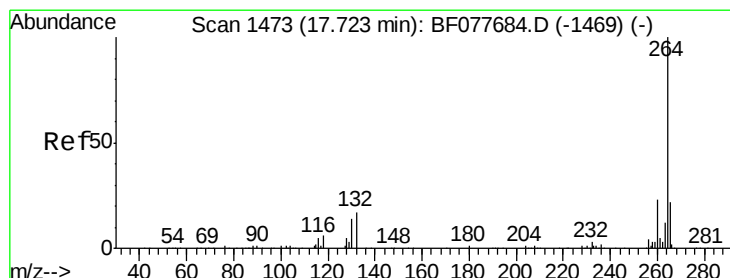
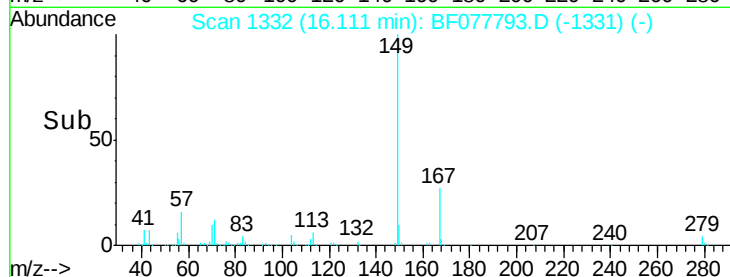
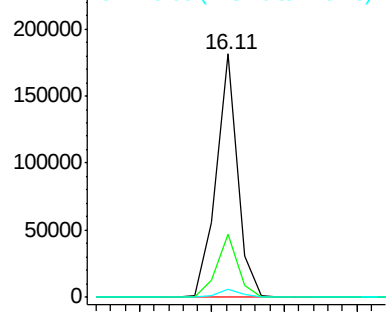
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 28.33 ng
 RT: 16.11 min Scan# 1332
 Delta R.T. -0.09 min
 Lab File: BF077793.D
 Acq: 18 Mar 2015 10:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-12(13-15)MS

Tgt Ion:149 Resp: 186079
 Ion Ratio Lower Upper
 149 100
 167 26.0 22.4 33.6
 279 3.1 3.4 5.0#

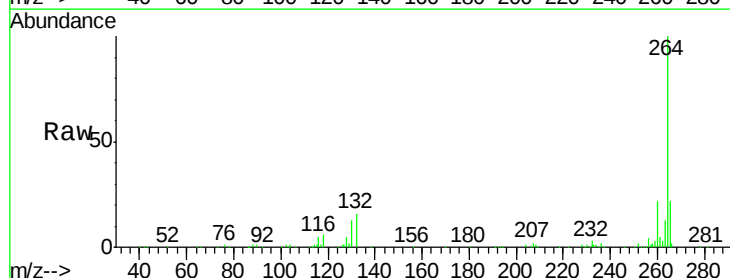


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

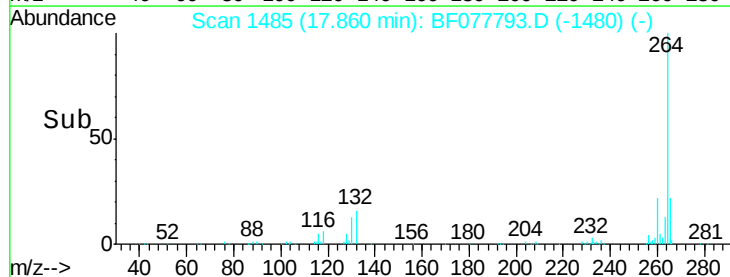
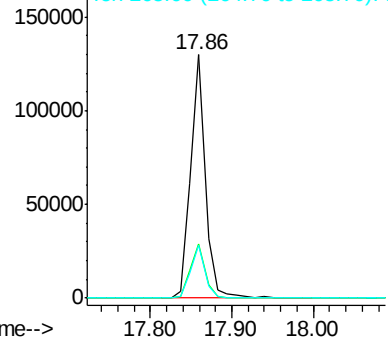


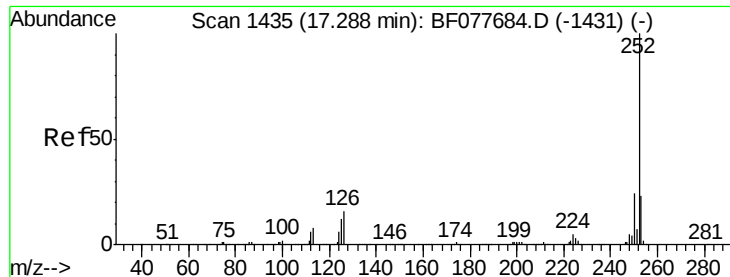
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.86 min Scan# 1485
 Delta R.T. -0.24 min
 Lab File: BF077793.D
 Acq: 18 Mar 2015 10:49

Tgt Ion:264 Resp: 162935
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.6 27.8
 265 21.5 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

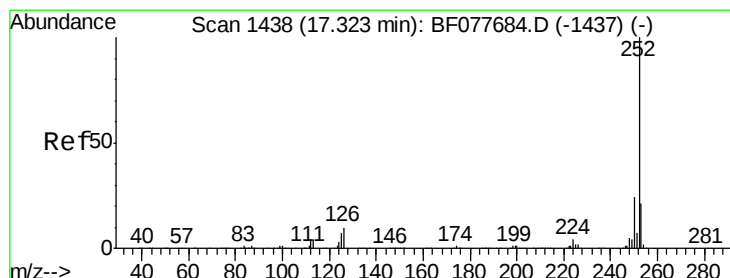
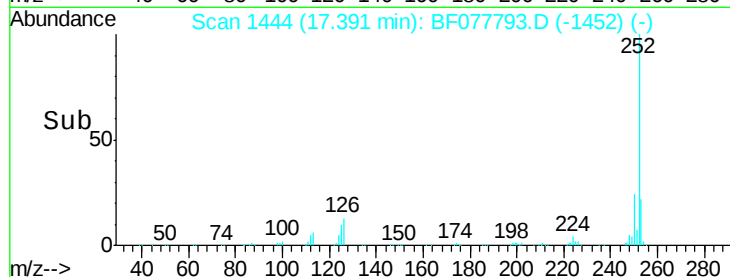
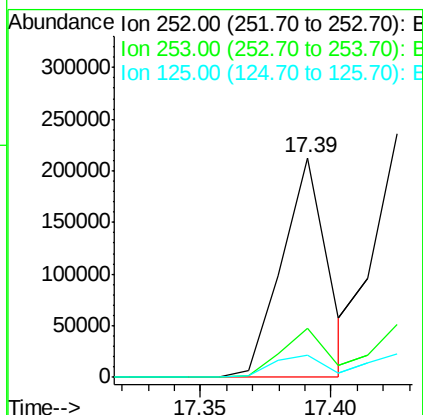
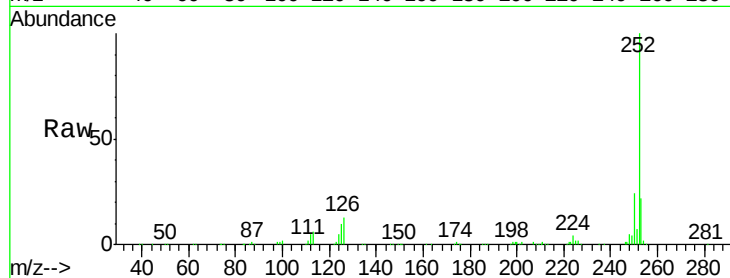




#87
Benzo(b)fluoranthene
Concen: 24.13 ng
RT: 17.39 min Scan# 1444
Delta R.T. -0.19 min
Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

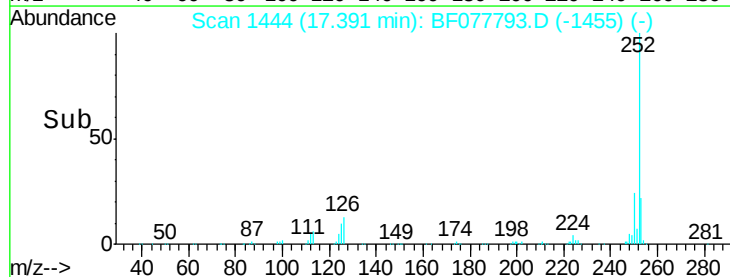
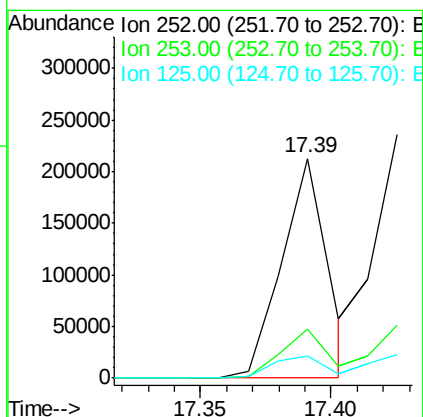
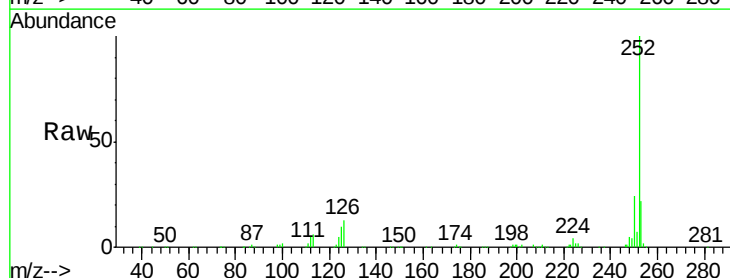
Instrument :
BNA_F
ClientSampleId :
SB-12(13-15)MS

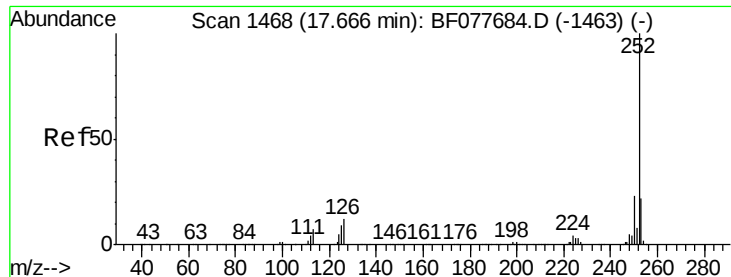
Tgt Ion:252 Resp: 256620
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 9.9 9.9 14.9



#88
Benzo(k)fluoranthene
Concen: 30.89 ng
RT: 17.39 min Scan# 1444
Delta R.T. -0.23 min
Lab File: BF077793.D
Acq: 18 Mar 2015 10:49

Tgt Ion:252 Resp: 256620
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 9.9 8.1 12.1





#89

Benzo(a)pyrene

Concen: 28.92 ng

RT: 17.79 min Scan# 1479

Delta R.T. -0.23 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

Instrument :

BNA_F

ClientSampleId :

SB-12(13-15)MS

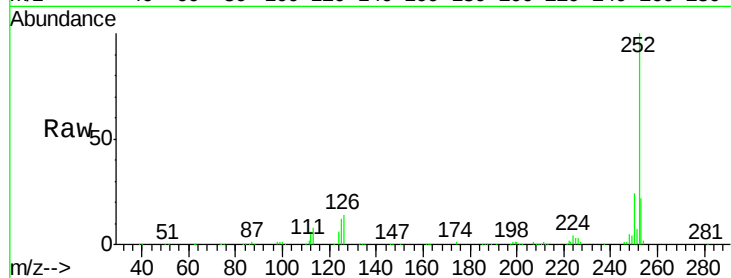
Tgt Ion:252 Resp: 256652

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

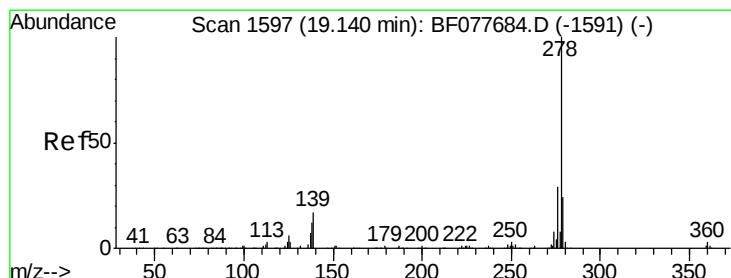
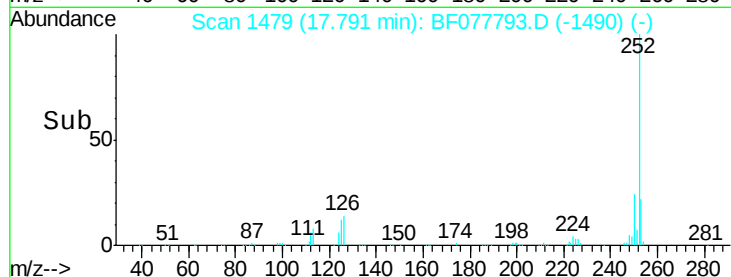
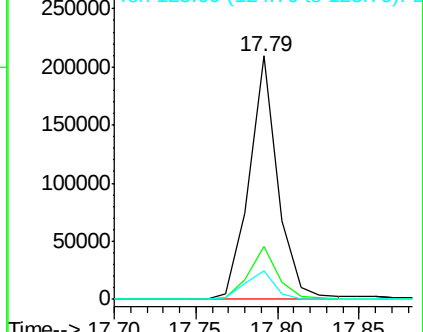
125 11.6 7.4 11.2#



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: 24.81 ng

RT: 19.30 min Scan# 1611

Delta R.T. -0.31 min

Lab File: BF077793.D

Acq: 18 Mar 2015 10:49

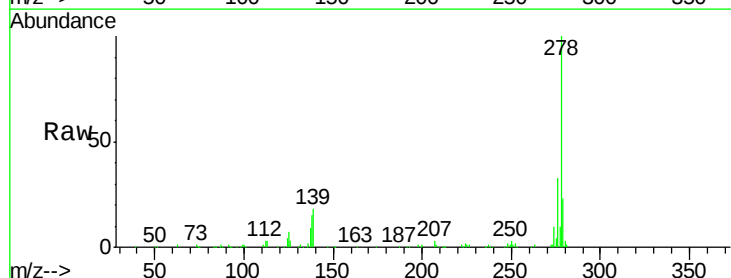
Tgt Ion:278 Resp: 218417

Ion Ratio Lower Upper

278 100

139 17.7 13.4 20.0

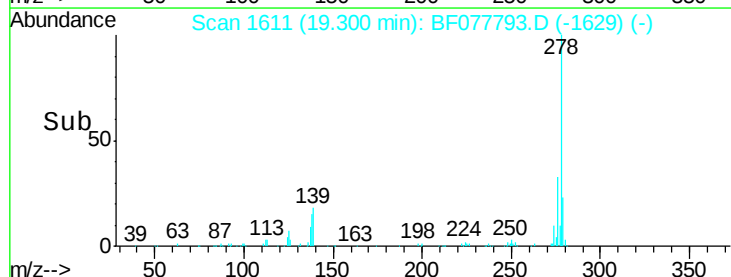
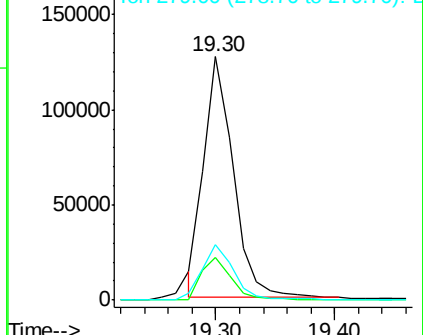
279 22.5 19.0 28.4

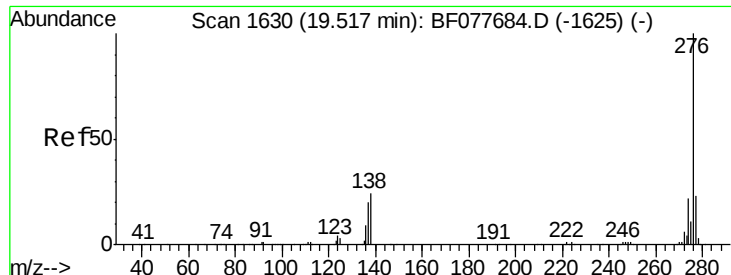


Abundance Ion 278.00 (277.70 to 278.70): E

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: 25.73 ng

RT: 19.69 min Scan# 1645

Delta R.T. -0.31 min

Lab File: BF077793.D

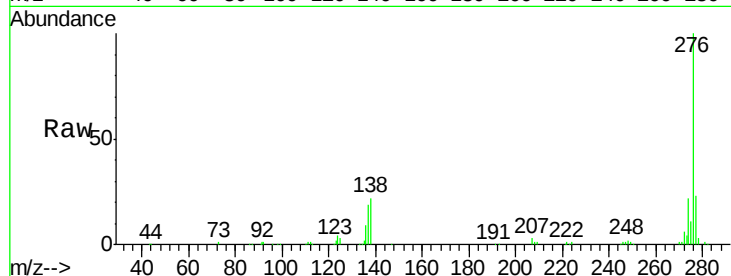
Acq: 18 Mar 2015 10:49

Instrument :

BNA_F

ClientSampleId :

SB-12(13-15)MS



Tgt Ion:	276	Resp:	230585
Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.5	27.7
138	21.6	19.0	28.6

