

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031115\
 Data File : BF078148.D
 Acq On : 1 Apr 2015 9:18
 Operator : TP/IZ
 Sample : G1711-02MS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB2(1-2)MS

Quant Time: Apr 01 13:02:32 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 31 14:58:34 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	44699	20.00	ng	0.00
21) Naphthalene-d8	8.62	136	187677	20.00	ng	0.00
38) Acenaphthene-d10	10.78	164	90166	20.00	ng	-0.01
63) Phenanthrene-d10	12.62	188	172589	20.00	ng	0.00
75) Chrysene-d12	15.92	240	163379m	20.00	ng	-0.07
86) Perylene-d12	17.71	264	158333	20.00	ng	-0.19

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	223628	87.33	ng	0.00
7) Phenol-d6	6.64	99	353744	111.81	ng	0.00
23) Nitrobenzene-d5	7.74	82	216215	75.52	ng	0.00
41) 2,4,6-Tribromophenol	11.77	330	36828	42.69	ng	-0.01
44) 2-Fluorobiphenyl	9.97	172	473644	77.20	ng	0.00
78) Terphenyl-d14	14.61	244	457382m	68.38	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	1.92	88	31546	27.13	ng	# 100
3) Pyridine	2.56	79	101860	32.61	ng	95
4) n-Nitrosodimethylamine	2.50	42	37409	27.50	ng	99
6) Aniline	6.64	93	42567	9.41	ng	# 19
8) 2-Chlorophenol	6.78	128	106933	35.08	ng	92
9) Benzaldehyde	6.49	77	3744	2.89	ng	93
10) Phenol	6.66	94	141911	37.94	ng	# 67
11) bis(2-Chloroethyl)ether	6.74	93	105069	37.51	ng	91
12) 1,3-Dichlorobenzene	6.97	146	121742	35.91	ng	99
13) 1,4-Dichlorobenzene	7.07	146	117476	33.35	ng	99
14) 1,2-Dichlorobenzene	7.25	146	111272	34.45	ng	99
15) Benzyl Alcohol	7.24	79	91346	36.99	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.41	45	141593	37.51	ng	98
17) 2-Methylphenol	7.40	107	88580	35.70	ng	94
18) Hexachloroethane	7.66	117	42211	36.54	ng	95
19) n-Nitroso-di-n-propylamine	7.57	70	81555	37.26	ng	94
20) 3+4-Methylphenols	7.60	107	119708	36.76	ng	99
22) Acetophenone	7.56	105	156155	37.58	ng	# 91
24) Nitrobenzene	7.77	77	114806	37.22	ng	# 86
25) Isophorone	8.06	82	206570	35.73	ng	95
26) 2-Nitrophenol	8.16	139	41208	27.29	ng	# 84
27) 2,4-Dimethylphenol	8.24	122	99208	36.06	ng	96
28) bis(2-Chloroethoxy)methane	8.35	93	129407	36.87	ng	99
29) 2,4-Dichlorophenol	8.46	162	84060	32.06	ng	98
30) 1,2,4-Trichlorobenzene	8.56	180	100162	34.14	ng	99
31) Naphthalene	8.65	128	336362	34.90	ng	100
33) 4-Chloroaniline	8.74	127	43703	11.17	ng	97
34) Hexachlorobutadiene	8.81	225	56280	33.84	ng	98
35) Caprolactam	9.14	113	29153	38.04	ng	92
36) 4-Chloro-3-methylphenol	9.36	107	94801	35.93	ng	96
37) 2-Methylnaphthalene	9.50	142	231364	35.73	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.71	216	95931	35.67	ng	# 100
40) Hexachlorocyclopentadiene	9.70	237	54731	42.21	ng	99
42) 2,4,6-Trichlorophenol	9.87	196	22236	11.94	ng	97

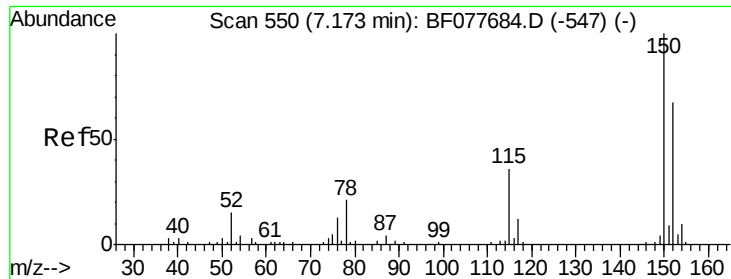
Data Path : Z:\HPCHEM1\BNA F\DATA\BF033115\
 Data File : BF078148.D
 Acq On : 1 Apr 2015 9:18
 Operator : TP/IZ
 Sample : G1711-02MS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
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 SB2(1-2)MS

Quant Time: Apr 01 13:02:32 2015
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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)
43) 2,4,5-Trichlorophenol	9.92	196	47715	23.71	nq	# 91
45) 1,1'-Biphenyl	10.09	154	269958	37.45	nq	96
46) 2-Chloronaphthalene	10.11	162	204974	34.99	nq	98
47) 2-Nitroaniline	10.25	65	57999	39.87	nq	89
48) Acenaphthylene	10.61	152	329678	33.85	nq	99
49) Dimethylphthalate	10.49	163	285663	42.72	nq	99
50) 2,6-Dinitrotoluene	10.56	165	53214	38.39	nq	89
51) Acenaphthene	10.83	154	190544	34.12	nq	98
52) 3-Nitroaniline	10.75	138	38137	23.69	nq	# 68
54) Dibenzofuran	11.05	168	297686	35.94	nq	99
55) 4-Nitrophenol	11.00	139	11128m	9.33	nq	
56) 2,4-Dinitrotoluene	11.05	165	68665	37.99	nq	# 83
57) Fluorene	11.47	166	244087	35.49	nq	98
58) 2,3,4,6-Tetrachlorophenol	11.21	232	9477	6.12	nq	# 100
59) Diethylphthalate	11.36	149	241985	37.14	nq	97
60) 4-Chlorophenyl-phenylether	11.48	204	111224	35.43	nq	97
61) 4-Nitroaniline	11.50	138	51925	32.36	nq	80
62) Azobenzene	11.68	77	259227	41.63	nq	99
64) 4,6-Dinitro-2-methylphenol	11.55	198	505	4.86	nq	# 39
65) n-Nitrosodiphenylamine	11.63	169	209823	36.51	nq	99
66) 4-Bromophenyl-phenylether	12.09	248	66409	36.06	nq	98
67) Hexachlorobenzene	12.13	284	65907	32.57	nq	# 68
68) Atrazine	12.30	200	61352	38.09	nq	93
69) Pentachlorophenol	12.40	266	5451	8.03	nq	98
70) Phenanthrene	12.65	178	338638	34.18	nq	99
71) Anthracene	12.72	178	336761	34.40	nq	100
72) Carbazole	12.93	167	322666	34.65	nq	98
73) Di-n-butylphthalate	13.39	149	407667	39.05	nq	98
74) Fluoranthene	14.12	202	365442	33.44	nq	96
76) Benzidine	14.32	184	92262m	22.62	nq	
77) Pyrene	14.40	202	372026m	36.21	nq	
79) Butylbenzylphthalate	15.24	149	161259	39.81	nq	# 86
80) Benzo(a)anthracene	15.91	228	340561	35.16	nq	100
81) 3,3'-Dichlorobenzidine	15.89	252	86355	27.03	nq	99
82) Chrysene	15.95	228	318609m	36.59	nq	
83) Bis(2-ethylhexyl)phthalate	15.99	149	250413	40.81	nq	# 98
84) Di-n-octyl phthalate	16.81	149	427735m	40.77	nq	
85) Indeno(1,2,3-cd)pyrene	19.06	276	371074	34.14	nq	# 100
87) Benzo(b)fluoranthene	17.24	252	344030	33.28	nq	99
88) Benzo(k)fluoranthene	17.28	252	305216m	37.80	nq	
89) Benzo(a)pyrene	17.64	252	311424	36.11	nq	# 96
90) Dibenzo(a,h)anthracene	19.09	278	284076	33.21	nq	98
91) Benzo(g,h,i)perylene	19.46	276	295267	33.91	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.05 min Scan# 539

Delta R.T. -0.00 min

Lab File: BF078148.D

Acq: 1 Apr 2015 9:18

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BNA_F

ClientSampleId :

SB2(1-2)MS

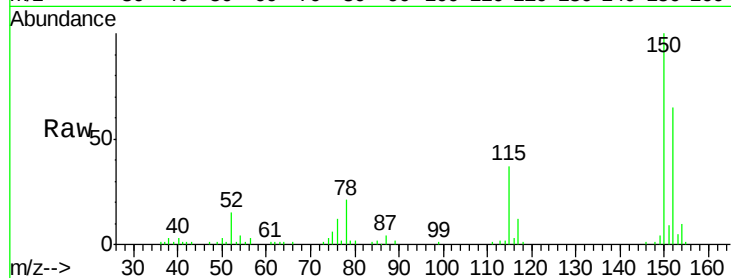
Tot Ion:152 Resp: 44699

Ion Ratio Lower Upper

152 100

150 154.3 119.5 179.3

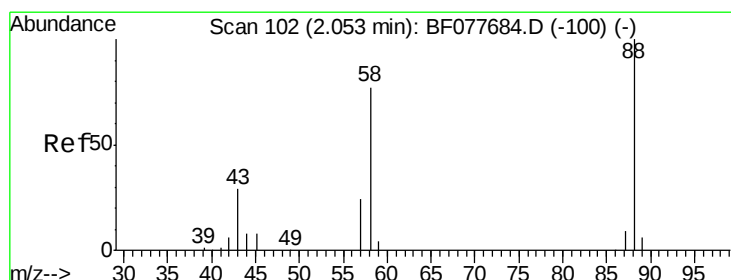
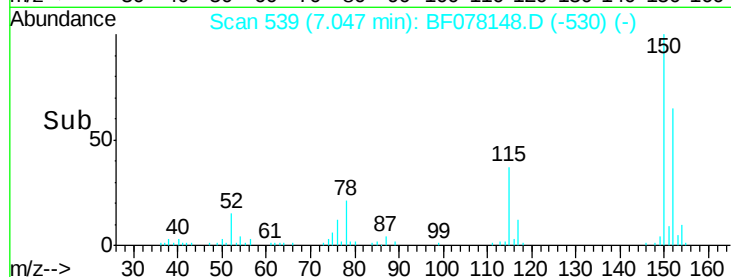
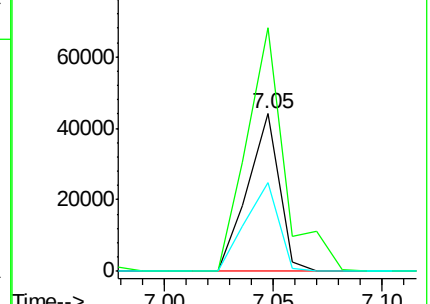
115 56.3 43.0 64.4



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: 27.13 ng

RT: 1.92 min Scan# 90

Delta R.T. -0.00 min

Lab File: BF078148.D

Acq: 1 Apr 2015 9:18

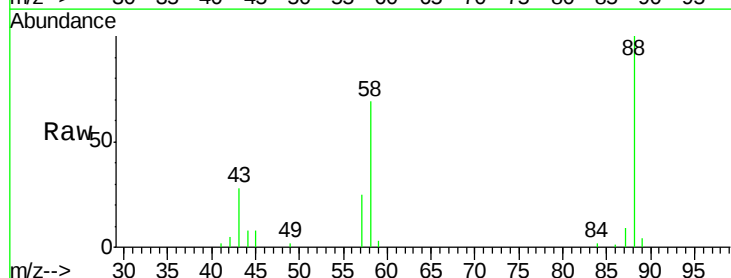
Tgt Ion: 88 Resp: 31546

Ion Ratio Lower Upper

88 100

58 74.6 0.0 0.0#

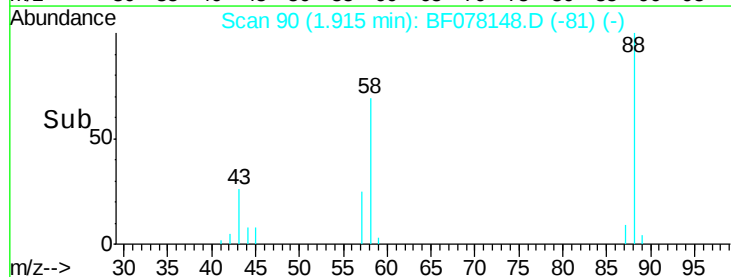
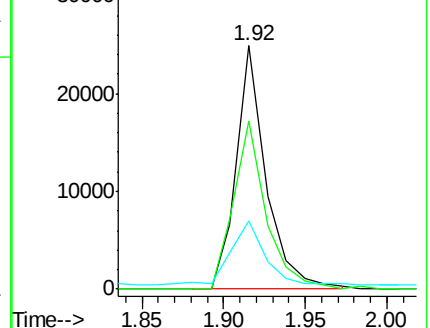
43 28.5 0.0 0.0#

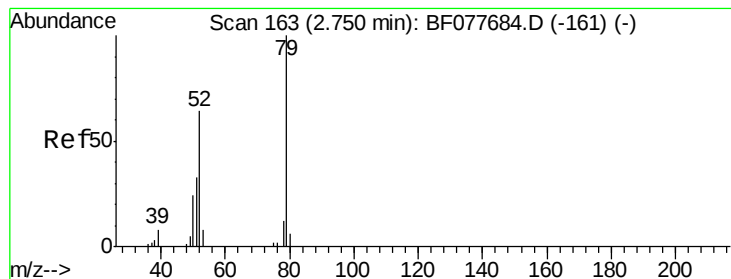


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 32.61 ng

RT: 2.56 min Scan# 146

Delta R.T. -0.03 min

Lab File: BF078148.D

Acq: 1 Apr 2015 9:18

Instrument :

BNA_F

ClientSampleId :

SB2(1-2)MS

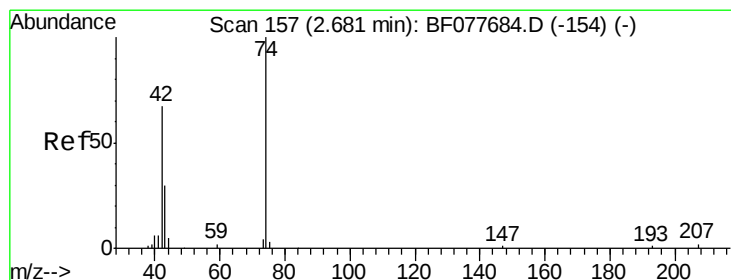
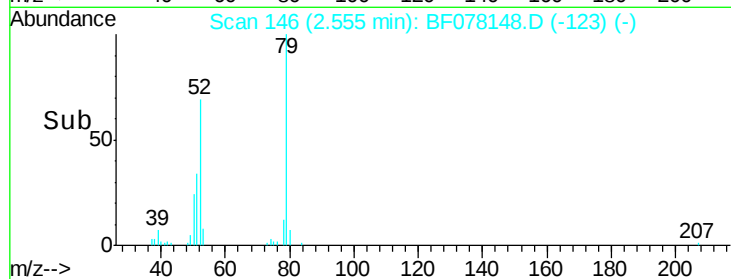
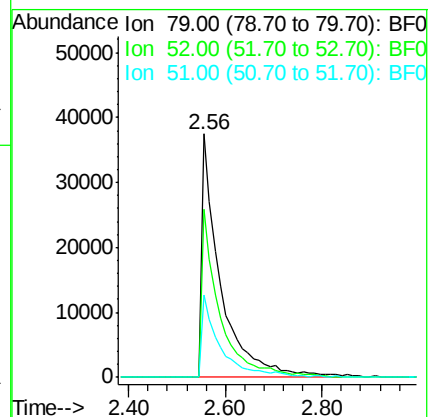
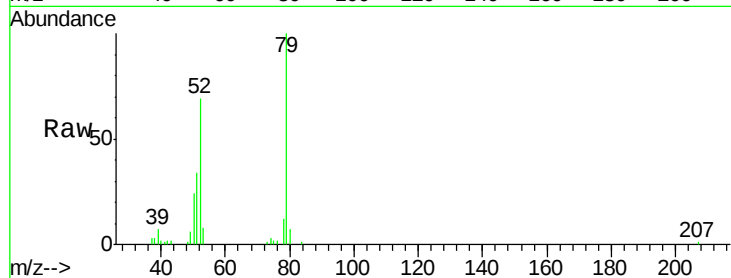
Tot Ion: 79 Resp: 101860

Ion Ratio Lower Upper

79 100

52 69.3 51.1 76.7

51 33.6 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 27.50 ng

RT: 2.50 min Scan# 141

Delta R.T. -0.01 min

Lab File: BF078148.D

Acq: 1 Apr 2015 9:18

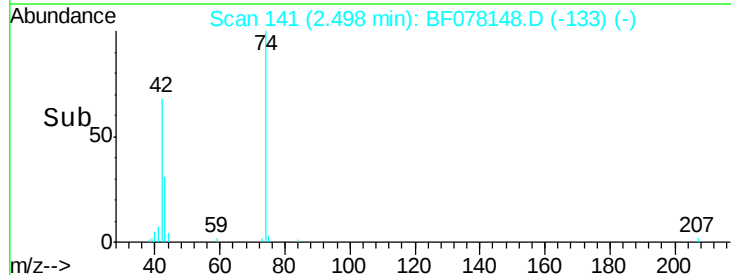
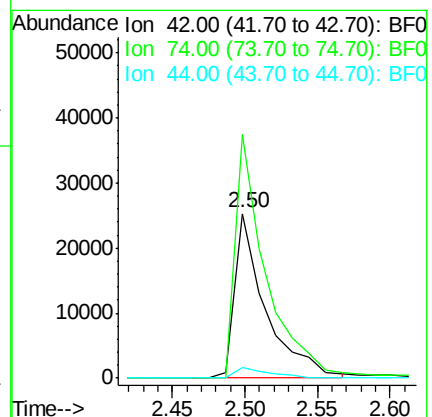
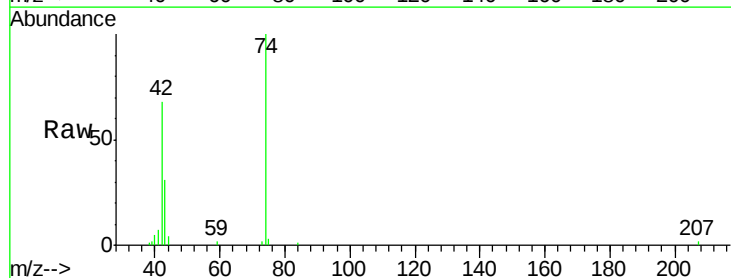
Tgt Ion: 42 Resp: 37409

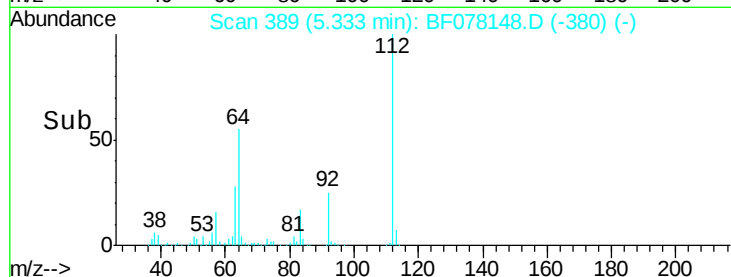
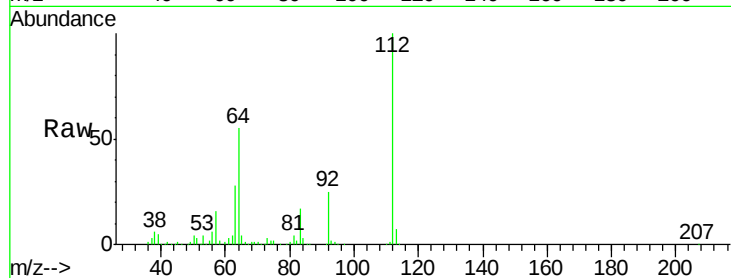
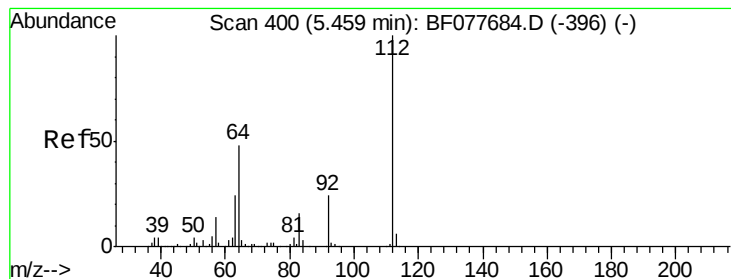
Ion Ratio Lower Upper

42 100

74 147.8 119.3 178.9

44 6.5 5.4 8.2





#5

2-Fluorophenol

Concen: 87.33 ng

RT: 5.33 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF078148.D

Acq: 1 Apr 2015 9:18

Instrument :

BNA_F

ClientSampleId :

SB2(1-2)MS

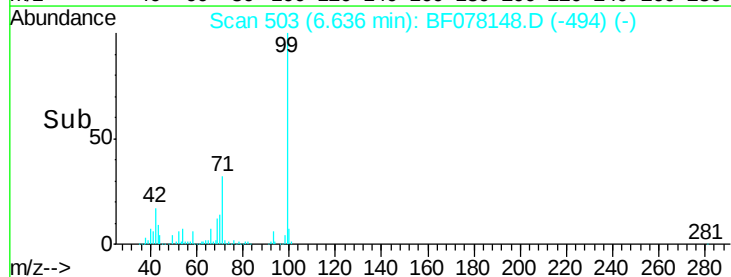
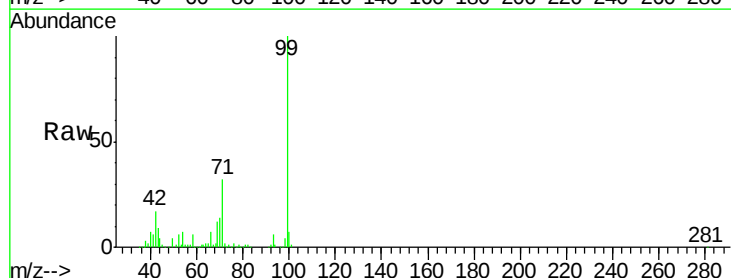
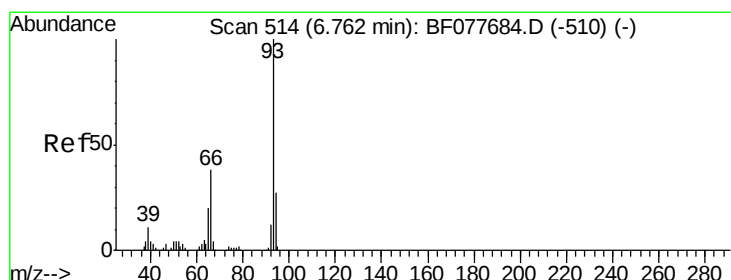
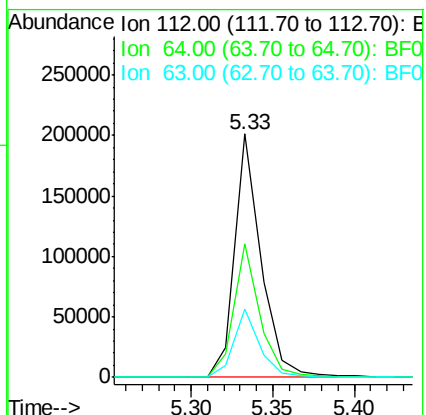
Tot Ion:112 Resp: 223628

Ion Ratio Lower Upper

112 100

64 54.9 38.6 57.8

63 28.2 19.3 28.9



#6

Aniline

Concen: 9.41 ng

RT: 6.64 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF078148.D

Acq: 1 Apr 2015 9:18

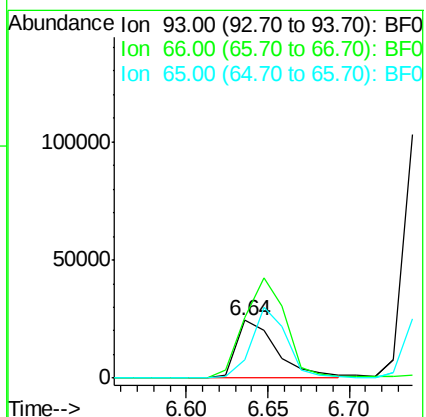
Tgt Ion: 93 Resp: 42567

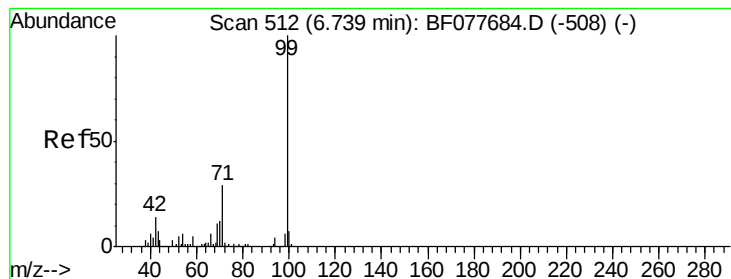
Ion Ratio Lower Upper

93 100

66 105.8 30.8 46.2#

65 31.2 16.0 24.0#





#7

Phenol-d6

Concen: 111.81 ng

RT: 6.64 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF078148.D

Acq: 1 Apr 2015 9:18

Instrument :

BNA_F

ClientSampleId :

SB2(1-2)MS

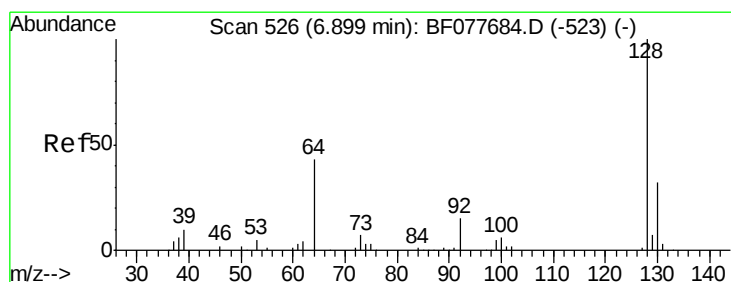
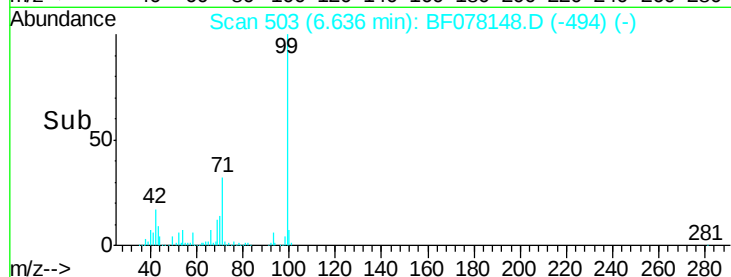
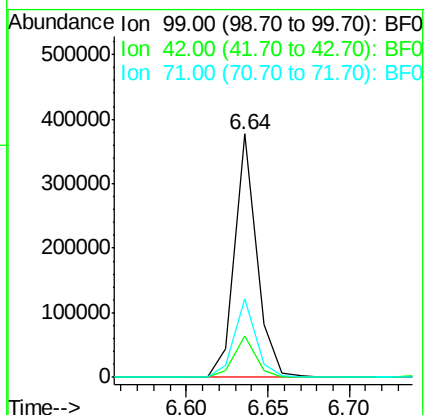
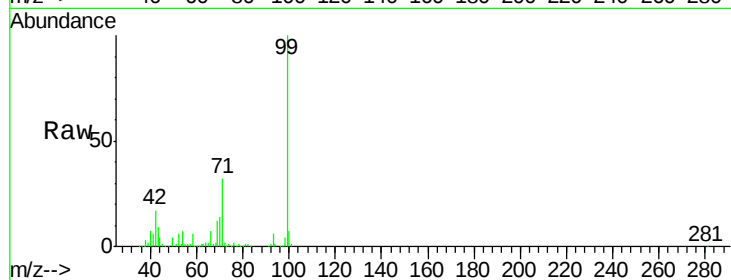
Tot Ion: 99 Resp: 353744

Ion Ratio Lower Upper

99 100

42 16.9 11.0 16.4#

71 32.2 23.4 35.2



#8

2-Chlorophenol

Concen: 35.08 ng

RT: 6.78 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF078148.D

Acq: 1 Apr 2015 9:18

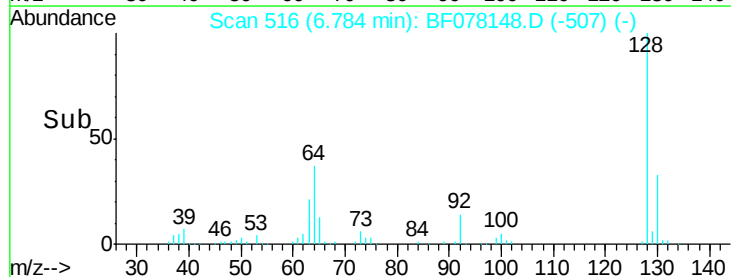
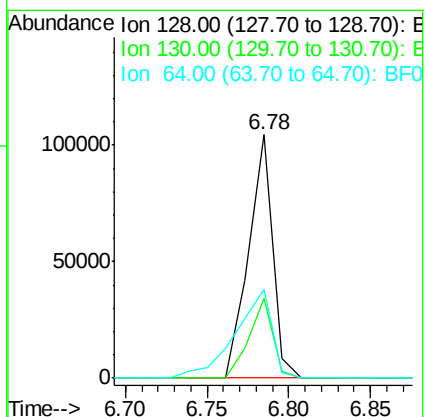
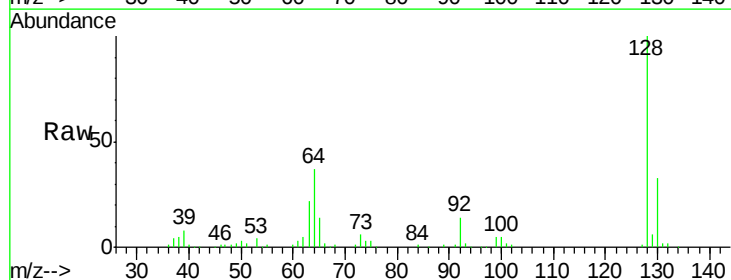
Tgt Ion: 128 Resp: 106933

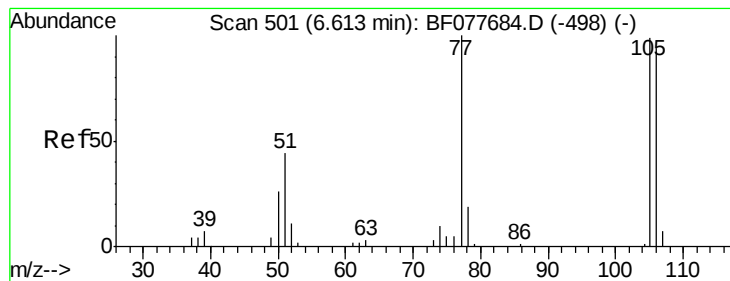
Ion Ratio Lower Upper

128 100

130 32.7 12.0 52.0

64 36.7 24.9 64.9





#9

Benzaldehyde

Concen: 2.89 ng

RT: 6.49 min Scan# 490

Delta R.T. -0.00 min

Lab File: BF078148.D

Acq: 1 Apr 2015 9:18

Instrument :

BNA_F

ClientSampleId :

SB2(1-2)MS

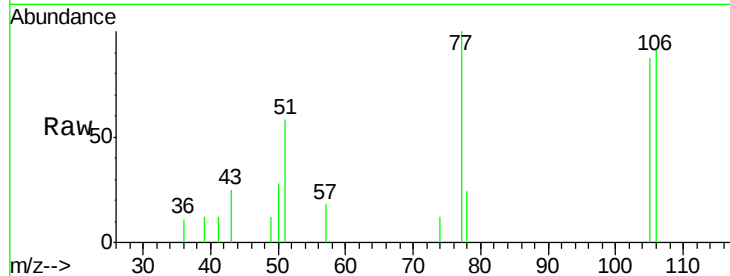
Tot Ion: 77 Resp: 3744

Ion Ratio Lower Upper

77 100

105 86.9 78.8 118.8

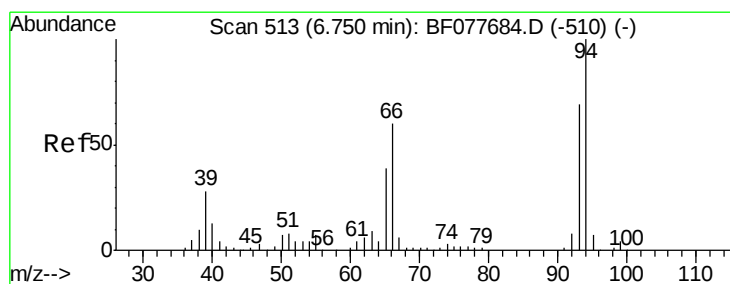
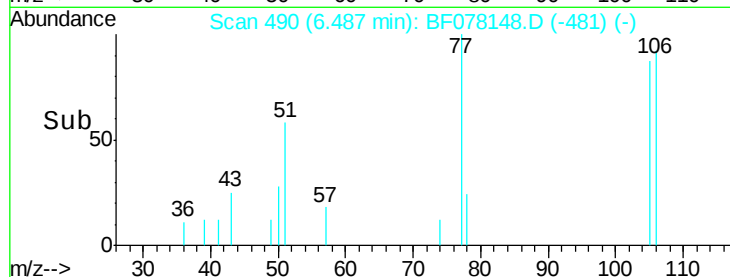
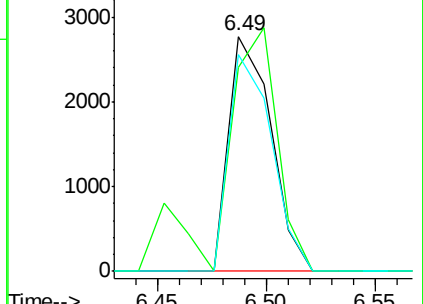
106 92.2 73.7 113.7



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: 37.94 ng

RT: 6.66 min Scan# 505

Delta R.T. -0.00 min

Lab File: BF078148.D

Acq: 1 Apr 2015 9:18

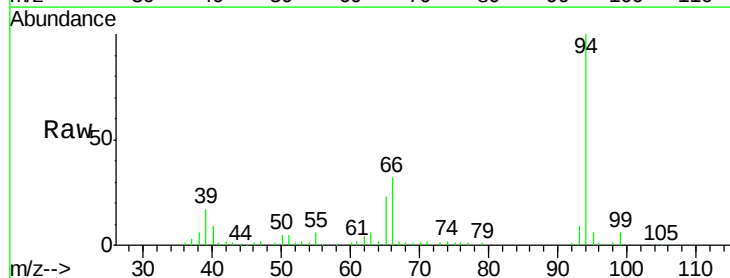
Tgt Ion: 94 Resp: 141911

Ion Ratio Lower Upper

94 100

65 23.1 18.8 58.8

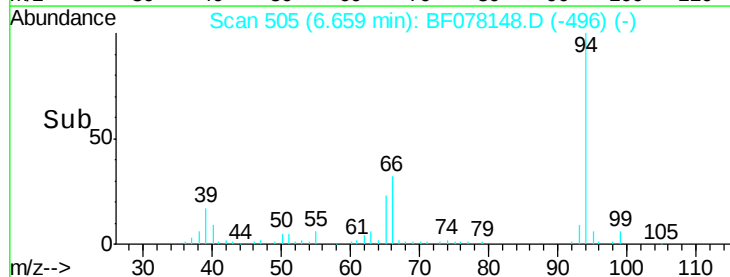
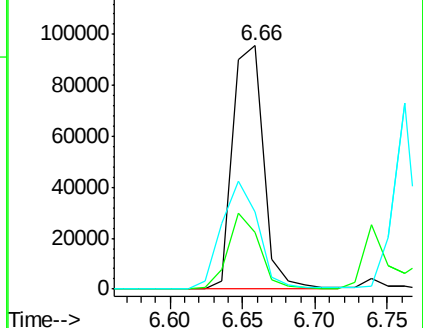
66 31.8 39.9 79.9#

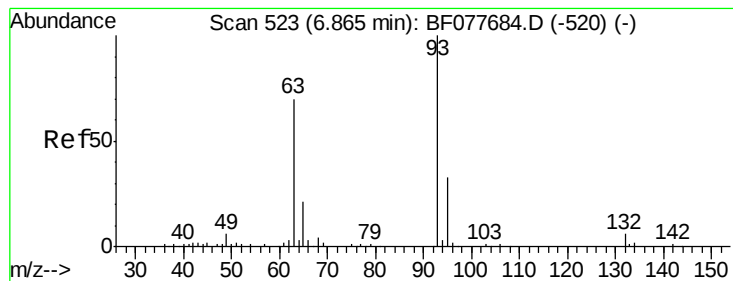


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 37.51 ng

RT: 6.74 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF078148.D

Acq: 1 Apr 2015 9:18

Instrument :

BNA_F

ClientSampleId :

SB2(1-2)MS

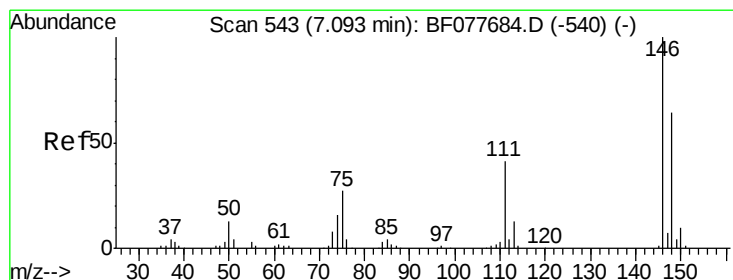
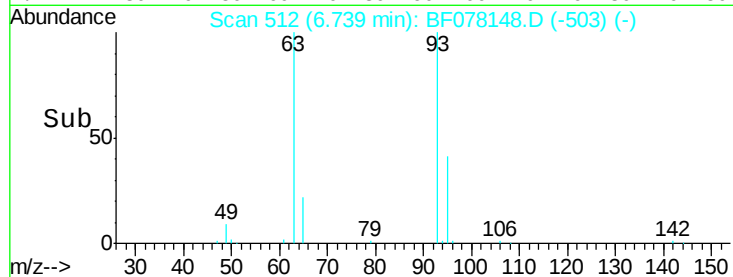
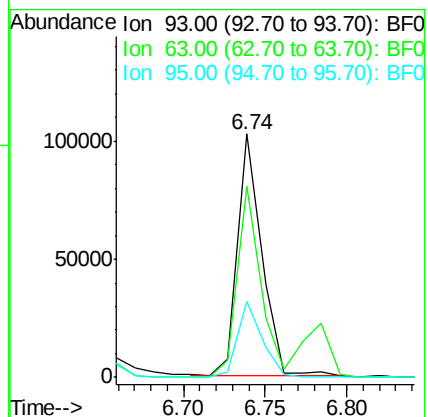
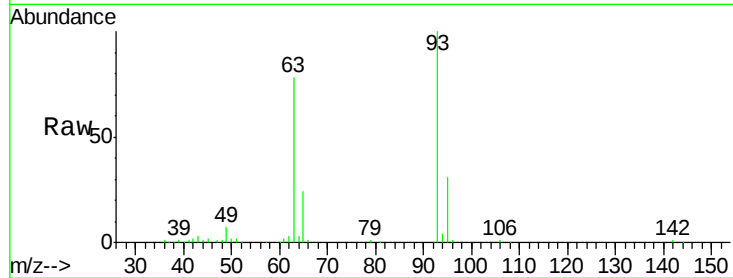
Tot Ion: 93 Resp: 105069

Ion Ratio Lower Upper

93 100

63 78.3 49.5 89.5

95 31.1 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 35.91 ng

RT: 6.97 min Scan# 532

Delta R.T. -0.00 min

Lab File: BF078148.D

Acq: 1 Apr 2015 9:18

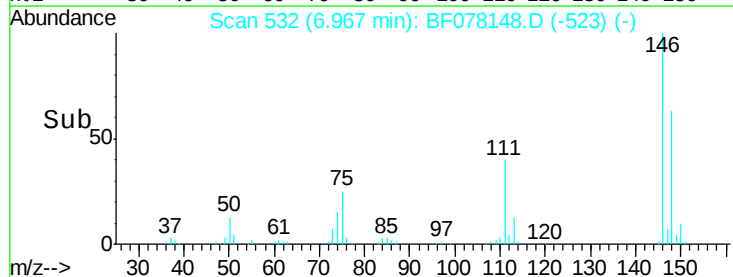
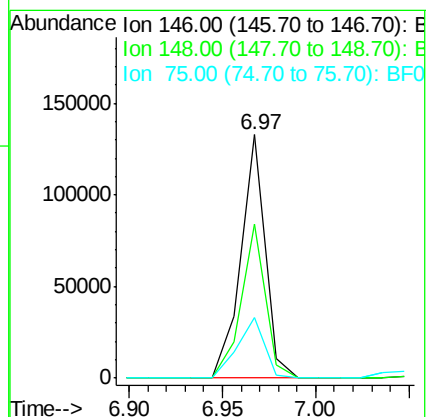
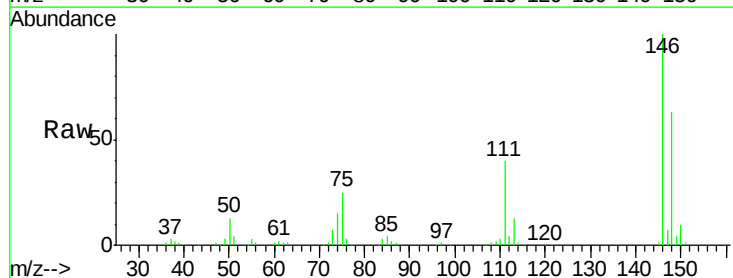
Tgt Ion: 146 Resp: 121742

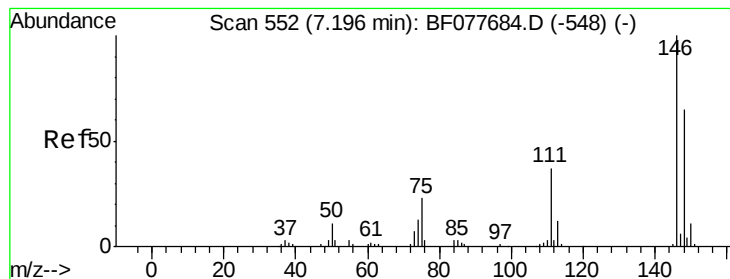
Ion Ratio Lower Upper

146 100

148 63.5 50.9 76.3

75 25.1 21.4 32.2





#13

1,4-Dichlorobenzene

Concen: 33.35 ng

RT: 7.07 min Scan# 541

Delta R.T. -0.00 min

Lab File: BF078148.D

Acq: 1 Apr 2015 9:18

Instrument :

BNA_F

ClientSampleId :

SB2(1-2)MS

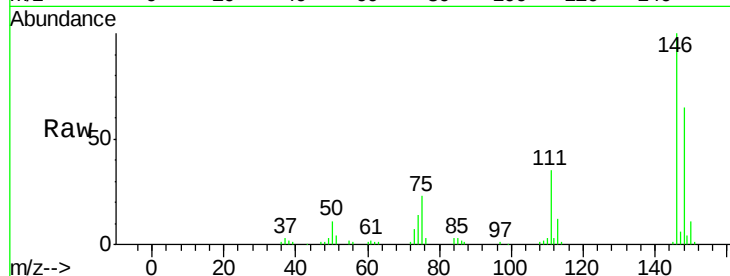
Tot Ion:146 Resp: 117476

Ion Ratio Lower Upper

146 100

148 64.8 51.9 77.9

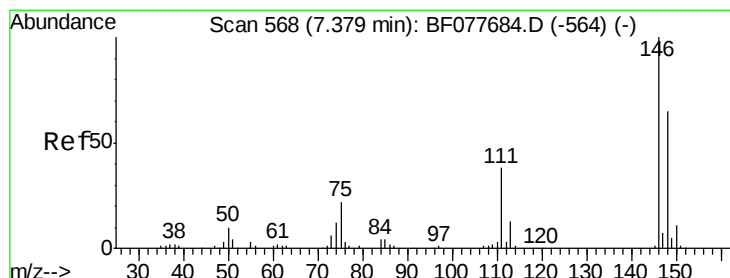
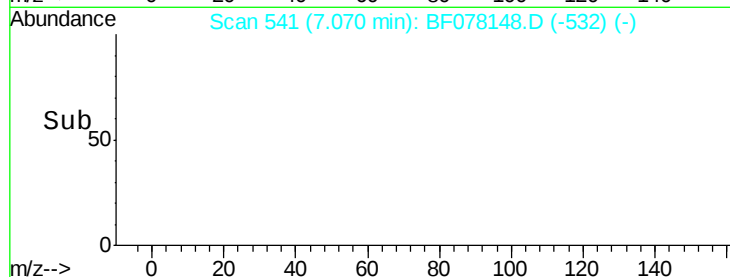
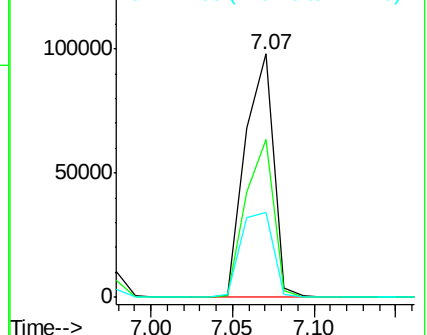
111 35.0 29.2 43.8



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: 34.45 ng

RT: 7.25 min Scan# 557

Delta R.T. -0.00 min

Lab File: BF078148.D

Acq: 1 Apr 2015 9:18

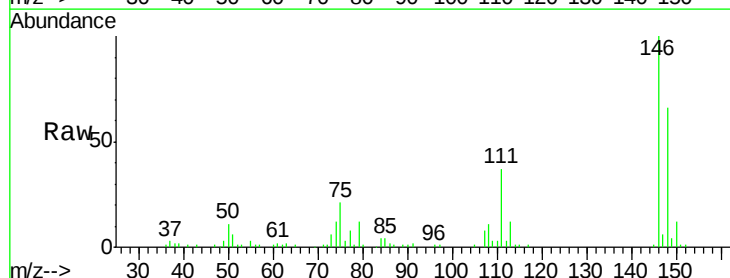
Tgt Ion:146 Resp: 111272

Ion Ratio Lower Upper

146 100

148 66.0 52.3 78.5

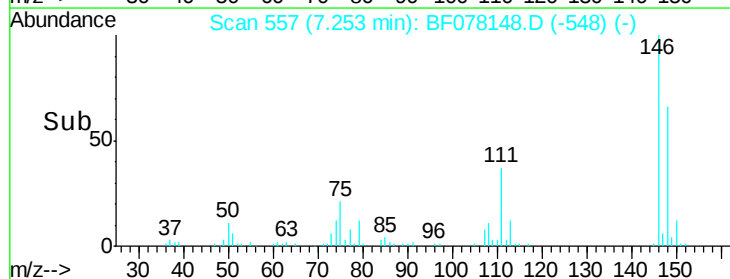
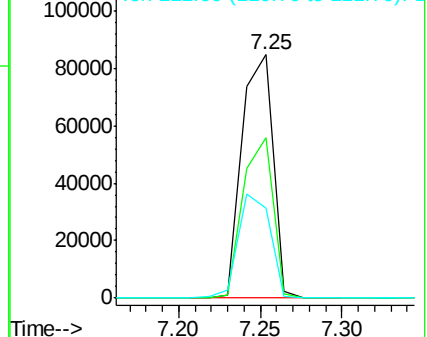
111 36.8 30.6 45.8

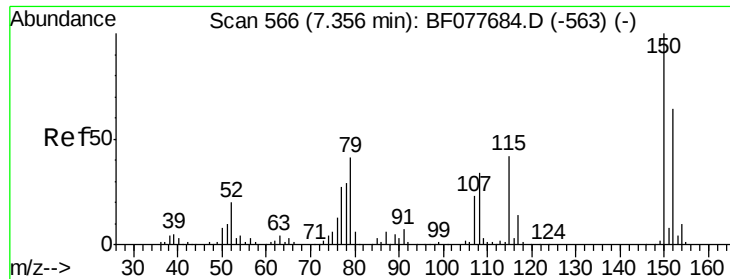


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.99 ng

RT: 7.24 min Scan# 556

Delta R.T. -0.00 min

Lab File: BF078148.D

Acq: 1 Apr 2015 9:18

Instrument :

BNA_F

ClientSampleId :

SB2(1-2)MS

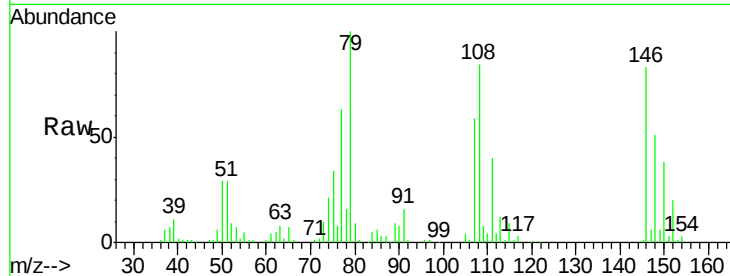
Tot Ion: 79 Resp: 91346

Ion Ratio Lower Upper

79 100

108 83.5 65.0 97.4

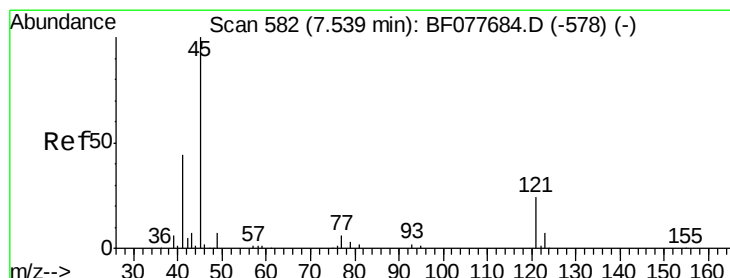
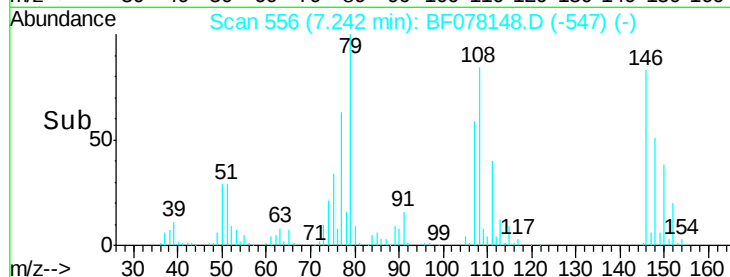
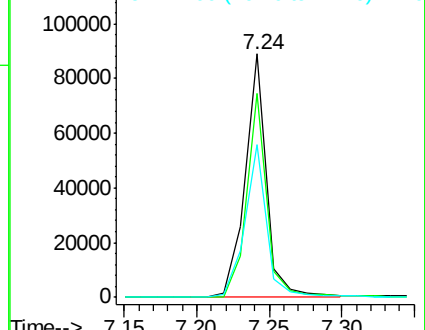
77 62.8 53.0 79.6



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.51 ng

RT: 7.41 min Scan# 571

Delta R.T. -0.00 min

Lab File: BF078148.D

Acq: 1 Apr 2015 9:18

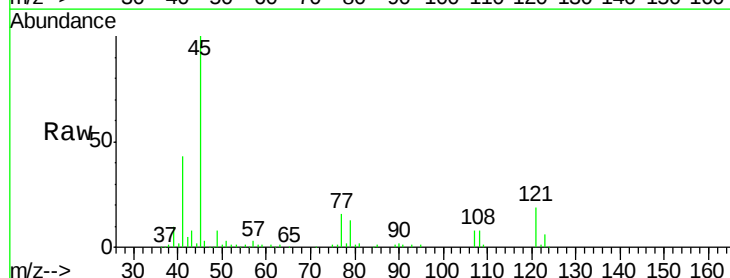
Tgt Ion: 45 Resp: 141593

Ion Ratio Lower Upper

45 100

77 16.5 0.0 35.2

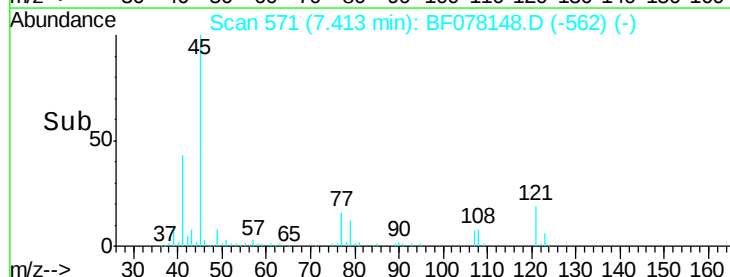
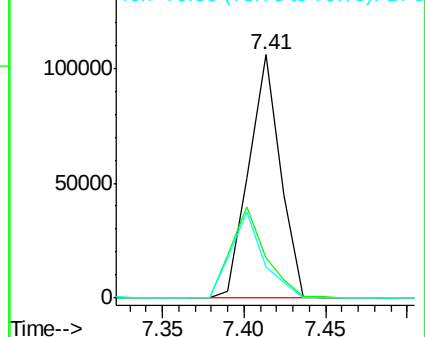
79 12.7 0.0 32.0

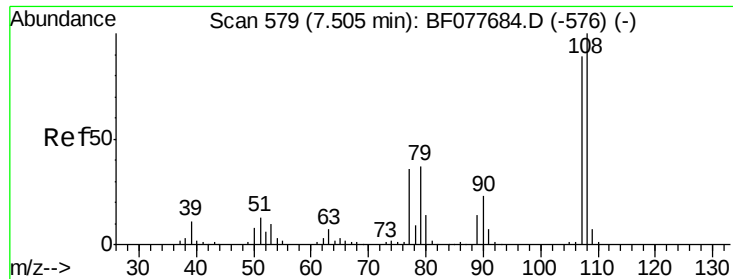


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

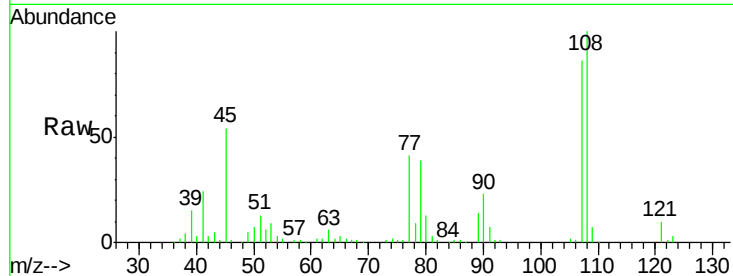




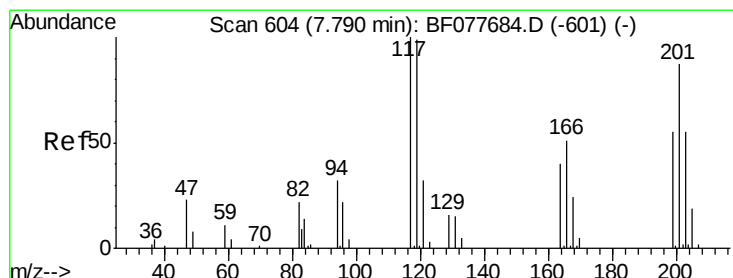
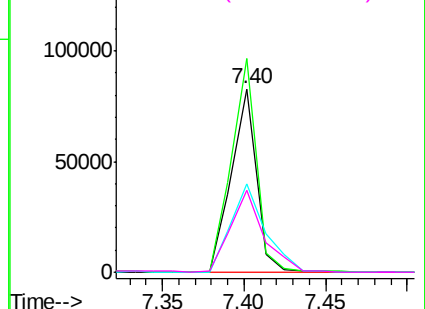
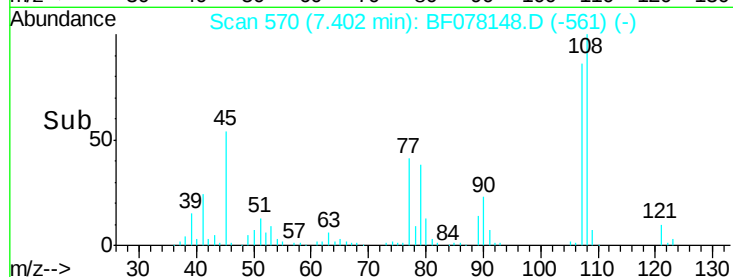
#17
2-Methylphenol
Concen: 35.70 ng
RT: 7.40 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF078148.D
Acq: 1 Apr 2015 9:18

Instrument :
BNA_F
ClientSampled :
SB2(1-2)MS

Tot Ion:107 Resp: 88580
Ion Ratio Lower Upper
107 100
108 116.3 89.8 134.8
77 47.8 32.6 48.8
79 44.9 32.8 49.2

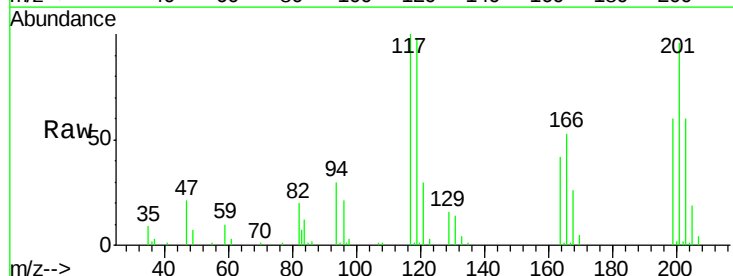


Abundance Ion 107.00 (106.70 to 107.70): E
150000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

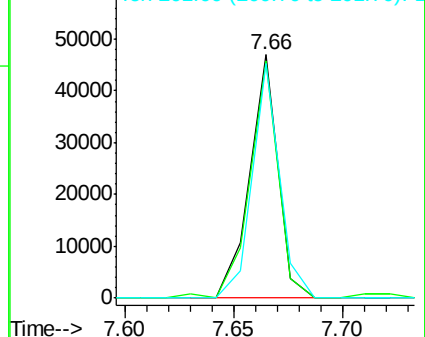
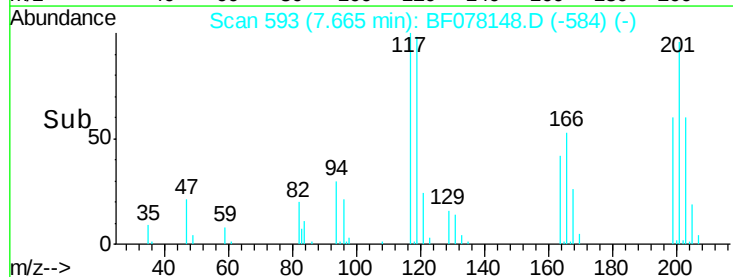


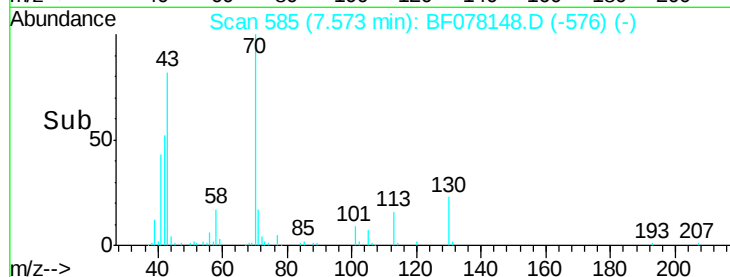
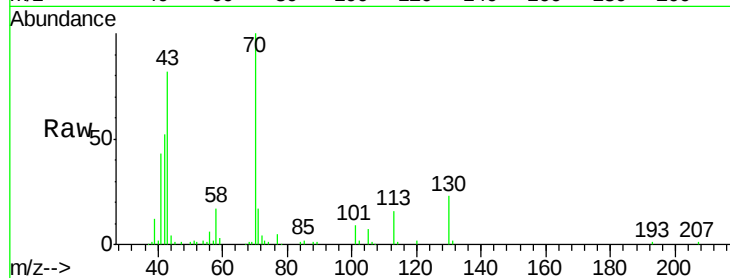
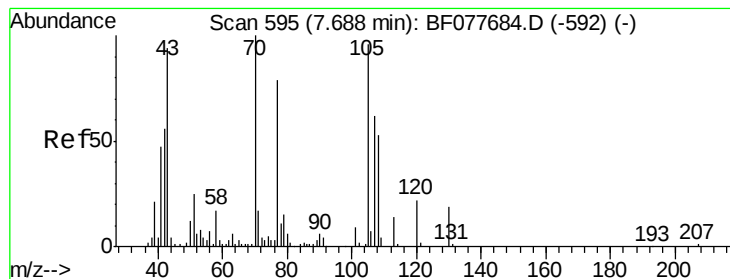
#18
Hexachloroethane
Concen: 36.54 ng
RT: 7.66 min Scan# 593
Delta R.T. -0.00 min
Lab File: BF078148.D
Acq: 1 Apr 2015 9:18

Tgt Ion:117 Resp: 42211
Ion Ratio Lower Upper
117 100
119 97.7 79.2 118.8
201 96.3 69.8 104.6



Abundance Ion 117.00 (116.70 to 117.70): E
60000 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: 37.26 ng

RT: 7.57 min Scan# 585

Delta R.T. -0.00 min

Lab File: BF078148.D

Acq: 1 Apr 2015 9:18

Instrument :

BNA_F

ClientSampleId :

SB2(1-2)MS

Tot Ion: 70 Resp: 81555

Ion Ratio Lower Upper

70 100

42 51.6 44.5 66.7

101 9.5 7.4 11.2

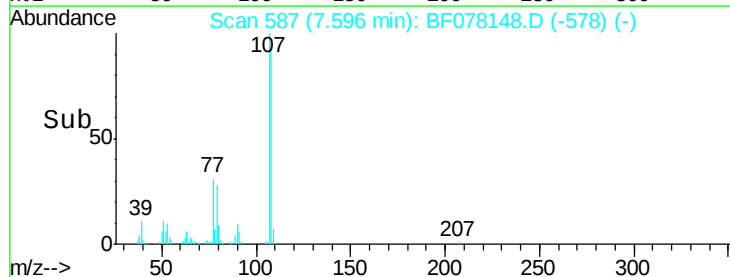
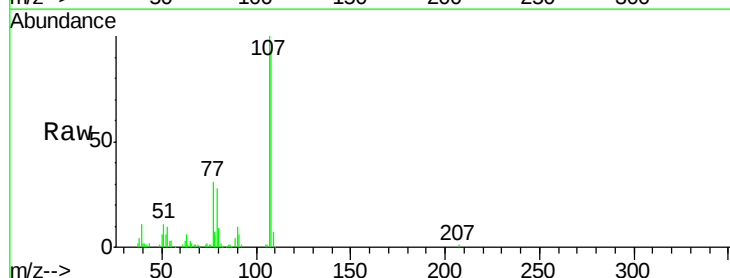
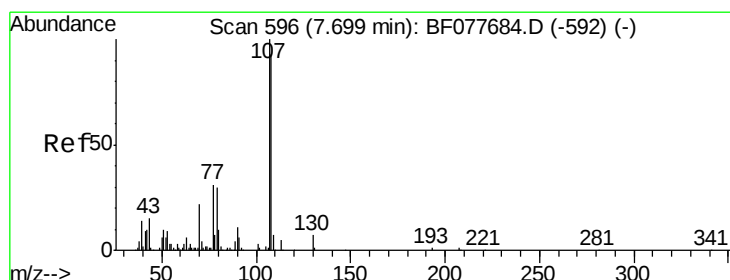
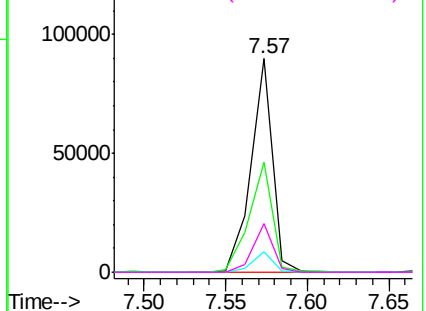
130 22.8 15.3 22.9

Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 36.76 ng

RT: 7.60 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF078148.D

Acq: 1 Apr 2015 9:18

Tgt Ion:107 Resp: 119708

Ion Ratio Lower Upper

107 100

108 92.8 73.2 113.2

77 30.6 10.7 50.7

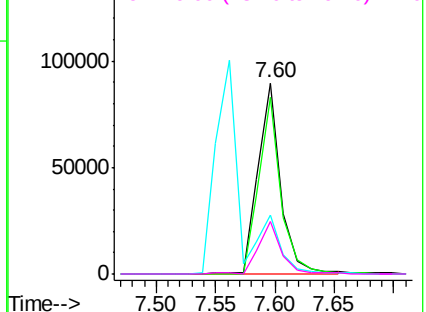
79 27.7 9.6 49.6

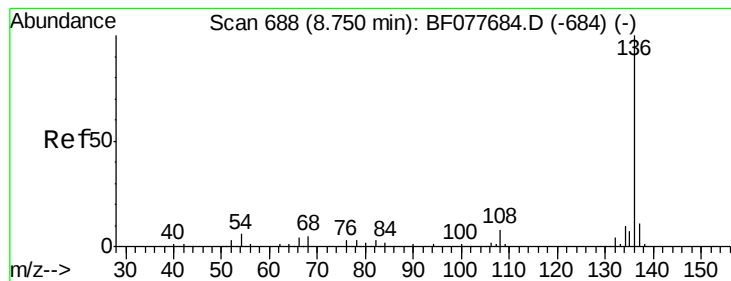
Abundance Ion 107.00 (106.70 to 107.70): E

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.62 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF078148.D

Acq: 1 Apr 2015 9:18

Instrument :

BNA_F

ClientSampleId :

SB2(1-2)MS

Tot Ion:136 Resp: 187677

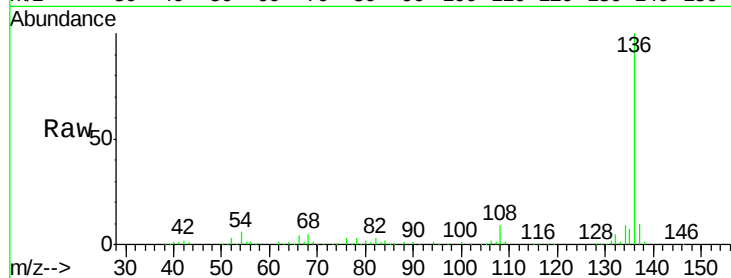
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 5.7 4.6 6.8

68 4.6 3.7 5.5

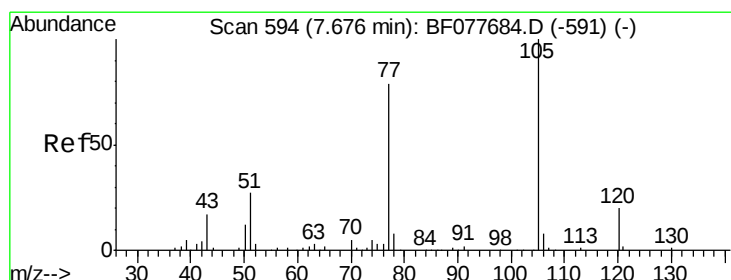
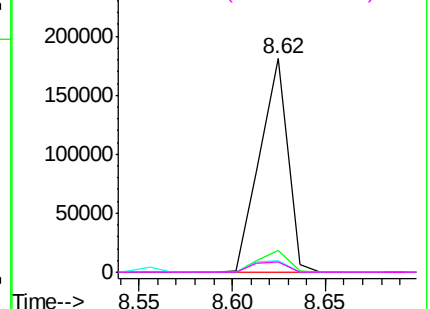
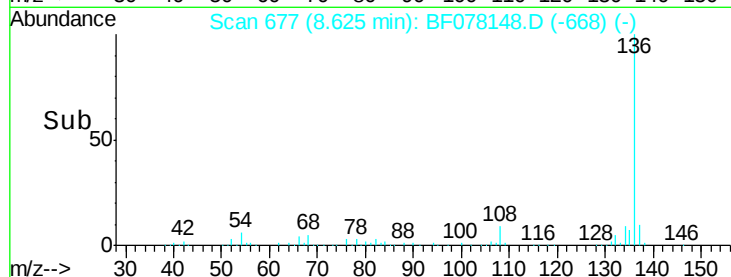


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.58 ng

RT: 7.56 min Scan# 584

Delta R.T. -0.00 min

Lab File: BF078148.D

Acq: 1 Apr 2015 9:18

Tgt Ion:105 Resp: 156155

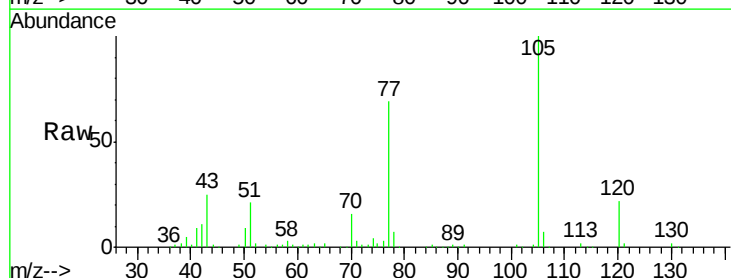
Ion Ratio Lower Upper

105 100

71 3.0 0.6 1.0#

51 20.5 21.6 32.4#

120 22.0 16.1 24.1

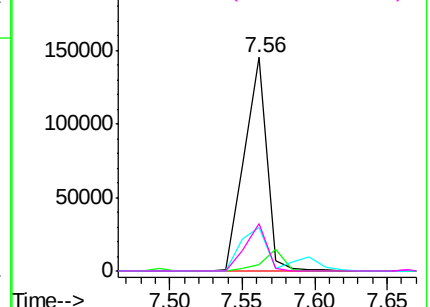
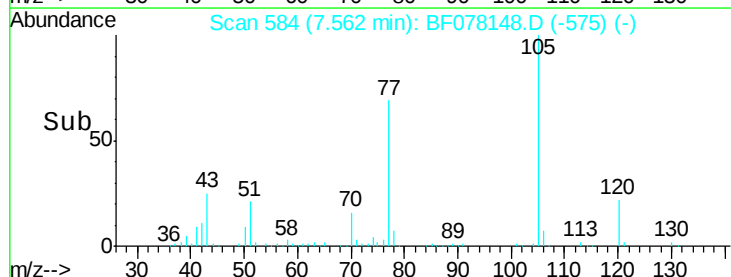


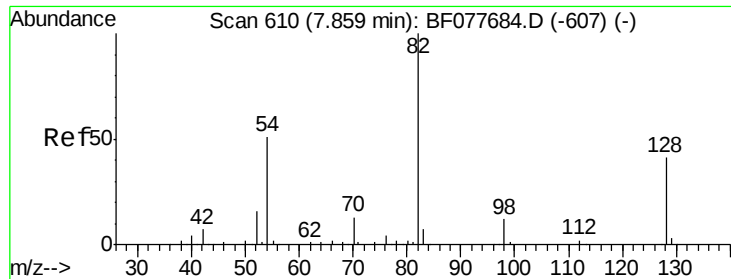
Abundance Ion 105.00 (104.70 to 105.70): E

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

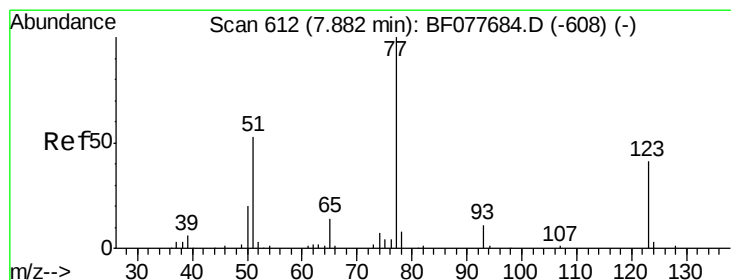
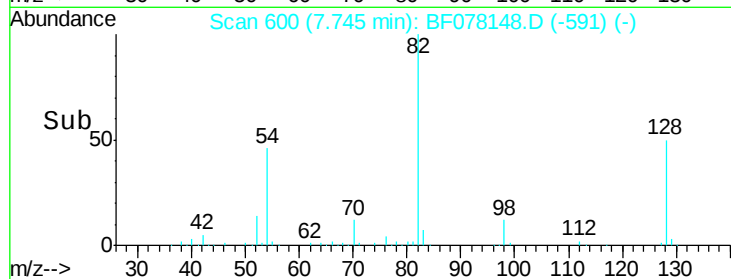
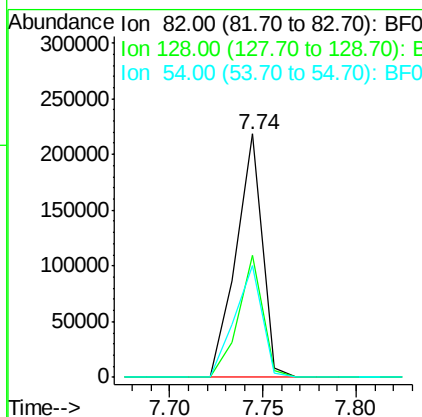
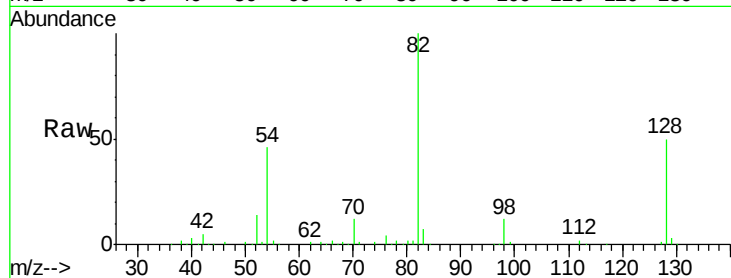




#23
 Nitrobenzene-d5
 Concen: 75.52 ng
 RT: 7.74 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF078148.D
 Acq: 1 Apr 2015 9:18

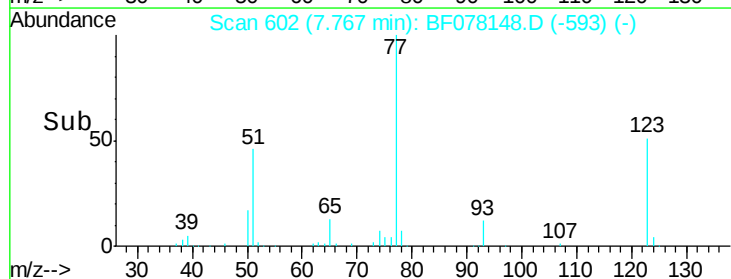
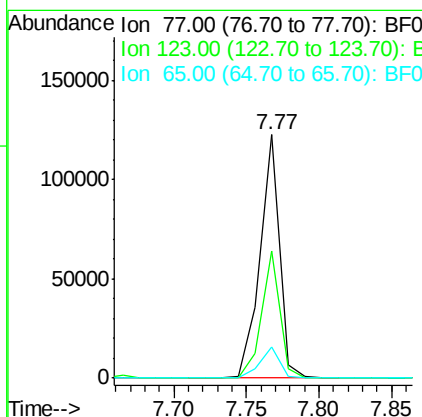
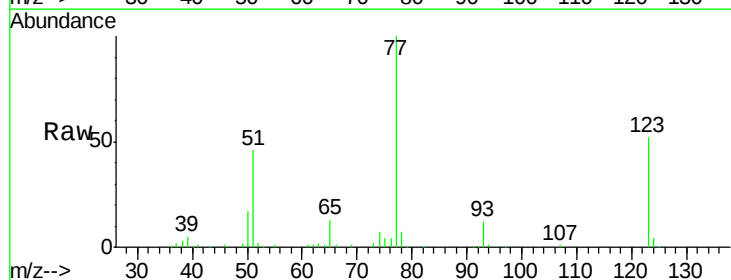
Instrument :
 BNA_F
 ClientSampleId :
 SB2(1-2)MS

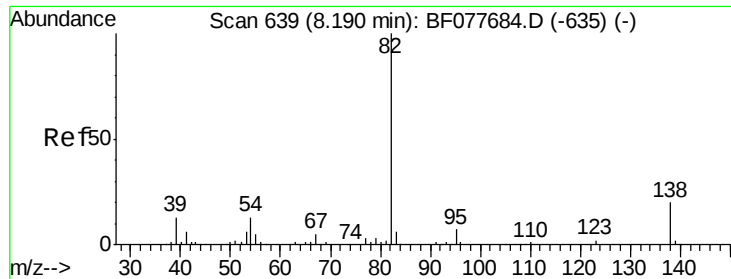
Tot Ion	82	Resp	216215
Ion Ratio	100	Lower	Upper
128	50.0	32.8	49.2#
54	46.0	40.6	60.8



#24
 Nitrobenzene
 Concen: 37.22 ng
 RT: 7.77 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF078148.D
 Acq: 1 Apr 2015 9:18

Tgt Ion	77	Resp	114806
Ion Ratio	100	Lower	Upper
123	52.3	32.6	49.0#
65	12.6	10.9	16.3





#25

Isophorone

Concen: 35.73 ng

RT: 8.06 min Scan# 628

Delta R.T. -0.00 min

Lab File: BF078148.D

Acq: 1 Apr 2015 9:18

Instrument :

BNA_F

ClientSampleId :

SB2(1-2)MS

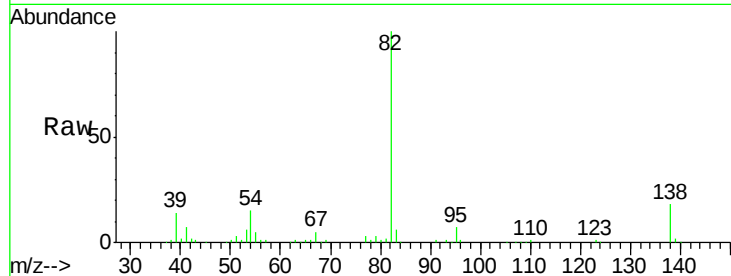
Tot Ion: 82 Resp: 206570

Ion Ratio Lower Upper

82 100

95 6.8 5.8 8.6

138 17.7 16.3 24.5

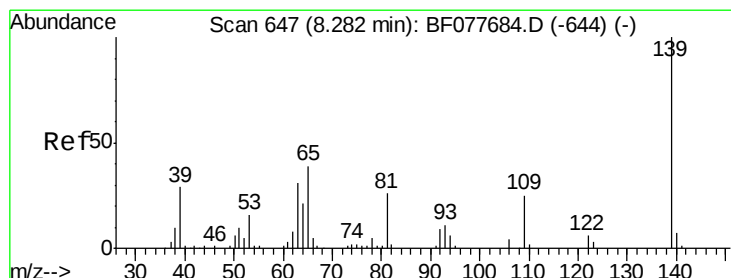
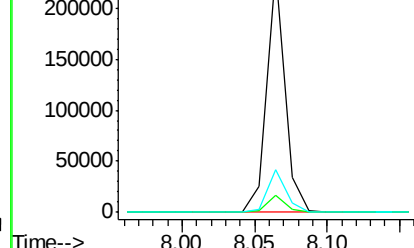
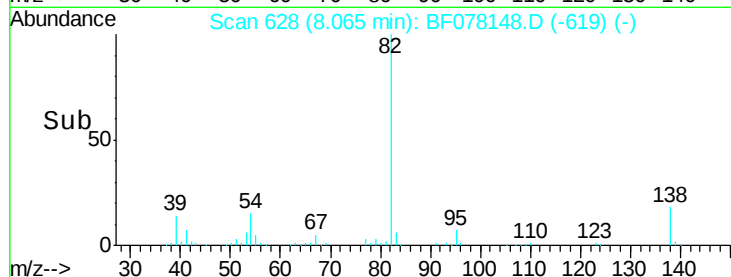


Abundance Ion 82.00 (81.70 to 82.70): BF077684.D (-635) (-)

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

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

Time-->



#26

2-Nitrophenol

Concen: 27.29 ng

RT: 8.16 min Scan# 636

Delta R.T. -0.00 min

Lab File: BF078148.D

Acq: 1 Apr 2015 9:18

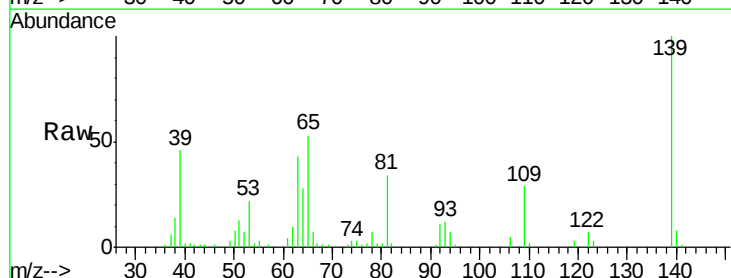
Tgt Ion: 139 Resp: 41208

Ion Ratio Lower Upper

139 100

109 28.7 20.1 30.1

65 52.6 31.5 47.3#

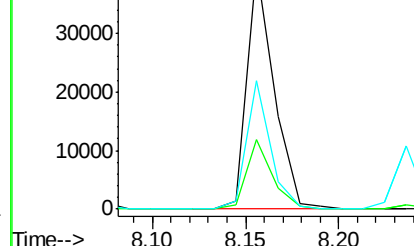
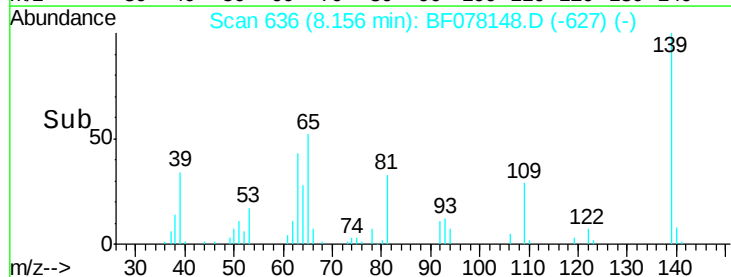


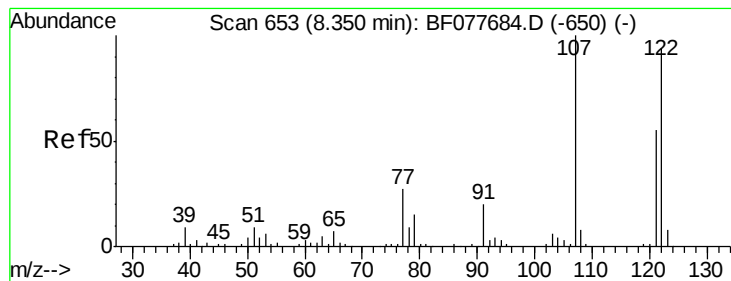
Abundance Ion 139.00 (138.70 to 139.70): BF077684.D (-644) (-)

Ion 109.00 (108.70 to 109.70): BF077684.D (-644) (-)

Ion 65.00 (64.70 to 65.70): BF077684.D (-644) (-)

Time-->

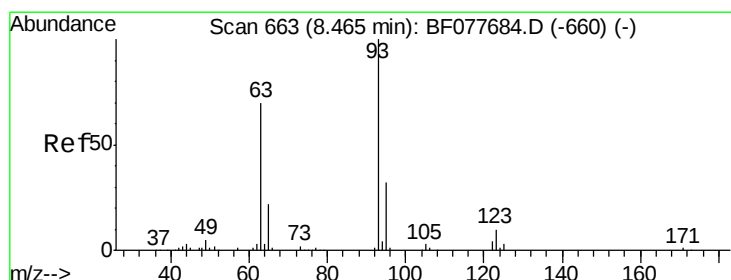
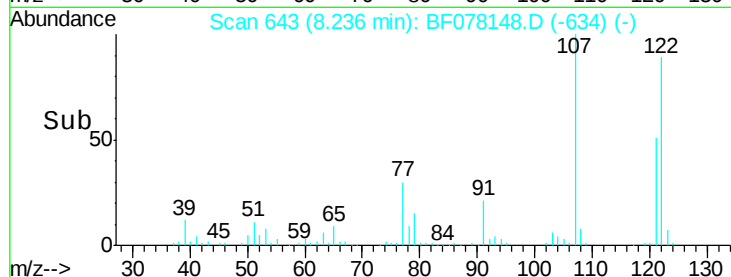
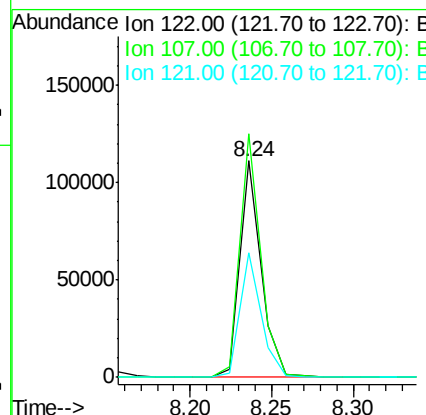
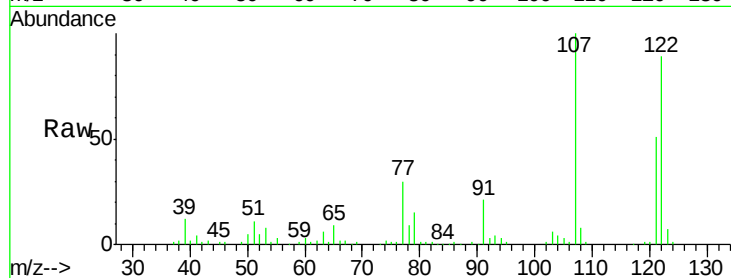




#27
 2,4-Dimethylphenol
 Concen: 36.06 ng
 RT: 8.24 min Scan# 643
 Delta R.T. -0.00 min
 Lab File: BF078148.D
 Acq: 1 Apr 2015 9:18

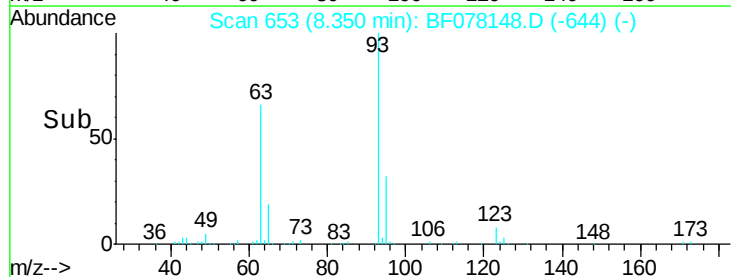
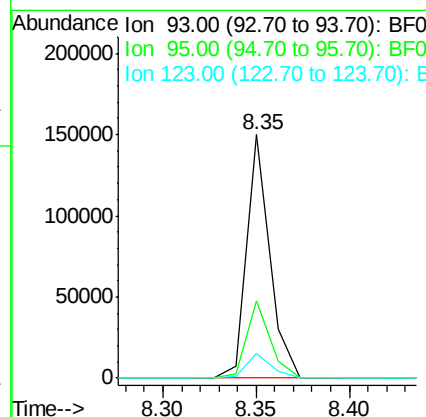
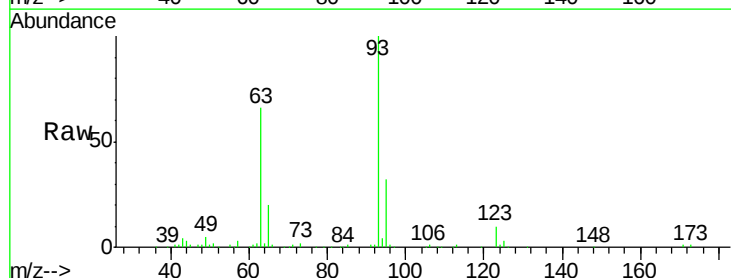
Instrument :
 BNA_F
 ClientSampleId :
 SB2(1-2)MS

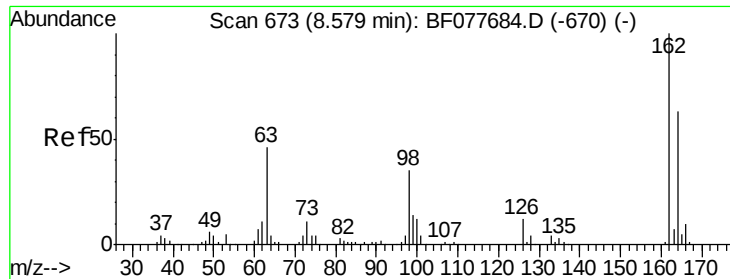
Tot Ion:122 Resp: 99208
 Ion Ratio Lower Upper
 122 100
 107 112.5 84.7 127.1
 121 57.6 46.6 69.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.87 ng
 RT: 8.35 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: BF078148.D
 Acq: 1 Apr 2015 9:18

Tgt Ion: 93 Resp: 129407
 Ion Ratio Lower Upper
 93 100
 95 31.8 25.5 38.3
 123 10.1 8.6 13.0

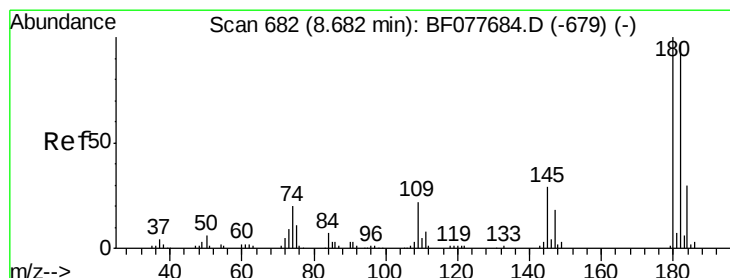
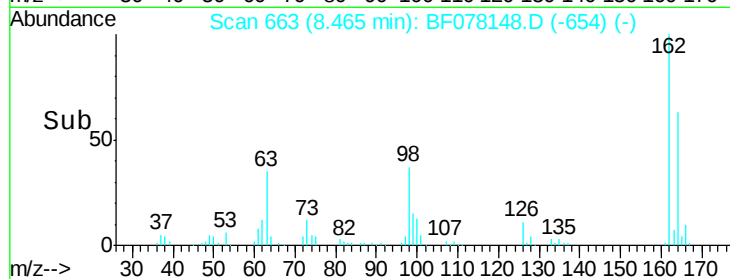
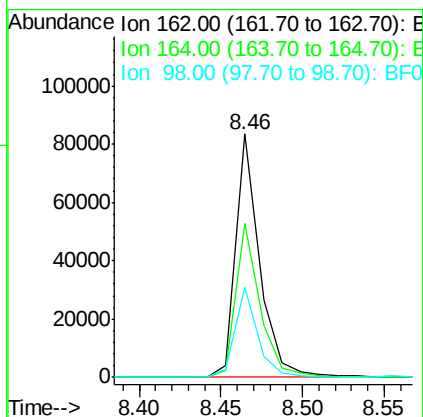
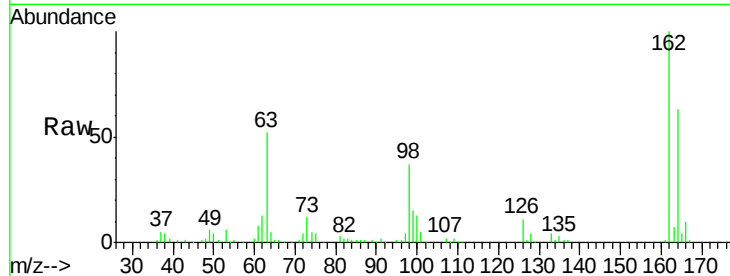




#29
 2,4-Dichlorophenol
 Concen: 32.06 ng
 RT: 8.46 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF078148.D
 Acq: 1 Apr 2015 9:18

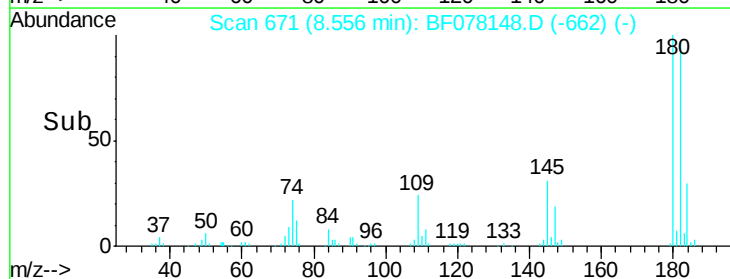
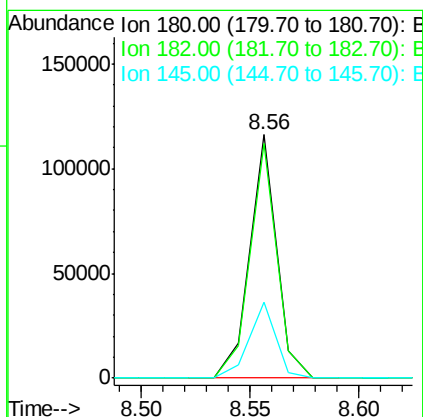
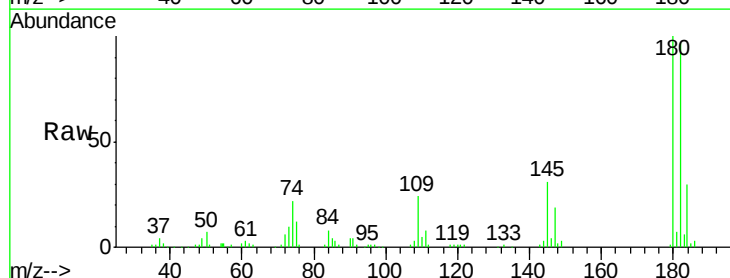
Instrument :
 BNA_F
 ClientSampleId :
 SB2(1-2)MS

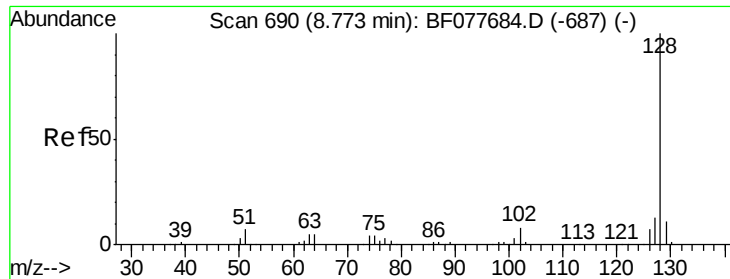
Tot Ion:162 Resp: 84060
 Ion Ratio Lower Upper
 162 100
 164 63.4 42.8 82.8
 98 36.9 14.5 54.5



#30
 1,2,4-Trichlorobenzene
 Concen: 34.14 ng
 RT: 8.56 min Scan# 671
 Delta R.T. -0.00 min
 Lab File: BF078148.D
 Acq: 1 Apr 2015 9:18

Tgt Ion:180 Resp: 100162
 Ion Ratio Lower Upper
 180 100
 182 96.6 77.6 116.4
 145 31.0 23.4 35.2

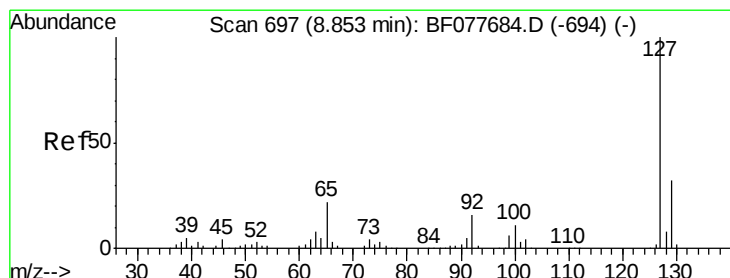
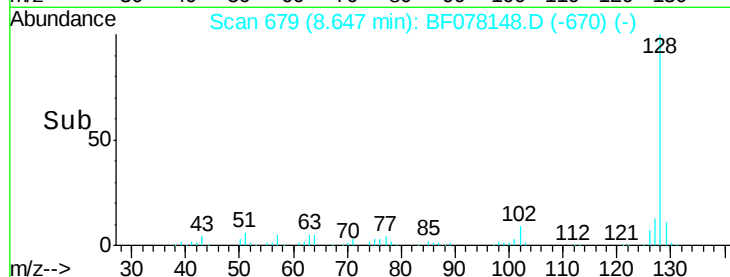
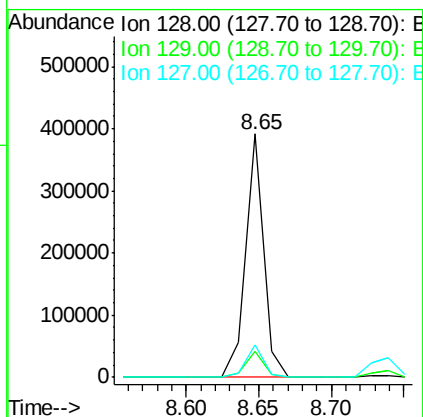
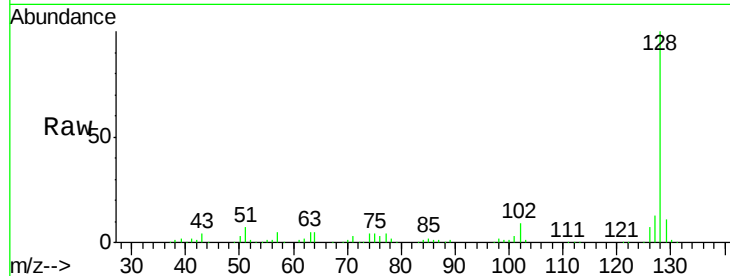




#31
Naphthalene
Concen: 34.90 ng
RT: 8.65 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF078148.D
Acq: 1 Apr 2015 9:18

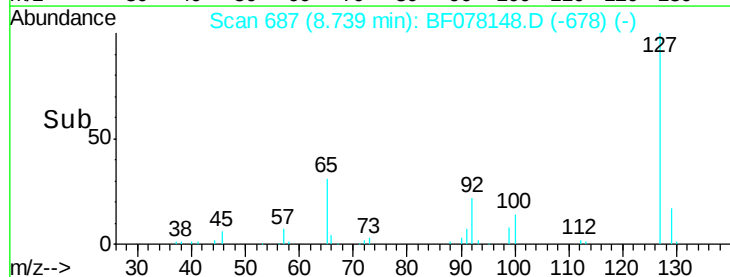
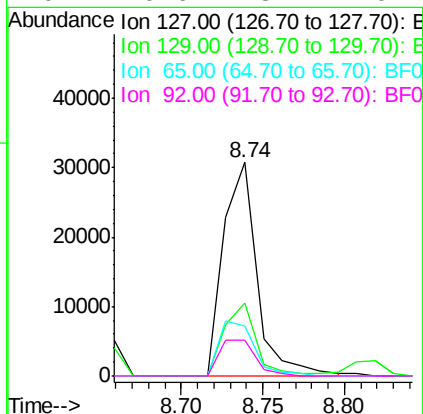
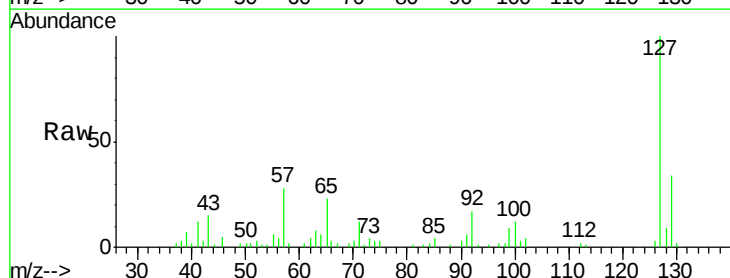
Instrument :
BNA_F
ClientSampled :
SB2(1-2)MS

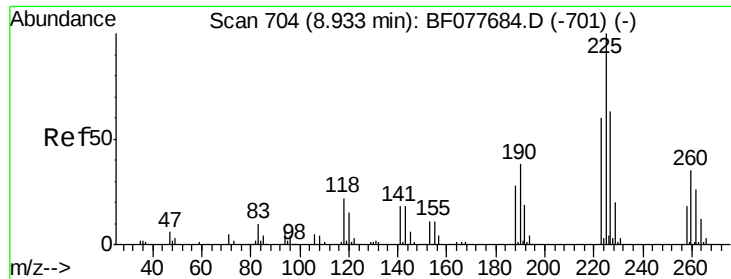
Tot Ion:128 Resp: 336362
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.1 10.4 15.6



#33
4-Chloroaniline
Concen: 11.17 ng
RT: 8.74 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF078148.D
Acq: 1 Apr 2015 9:18

Tgt Ion:127 Resp: 43703
Ion Ratio Lower Upper
127 100
129 34.1 25.3 37.9
65 23.5 17.6 26.4
92 16.6 13.1 19.7

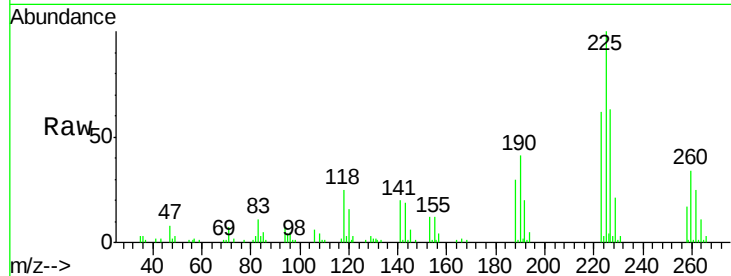




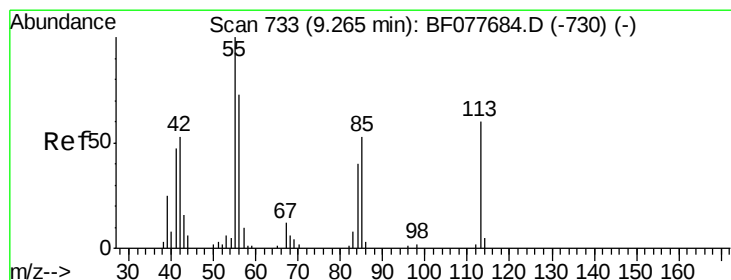
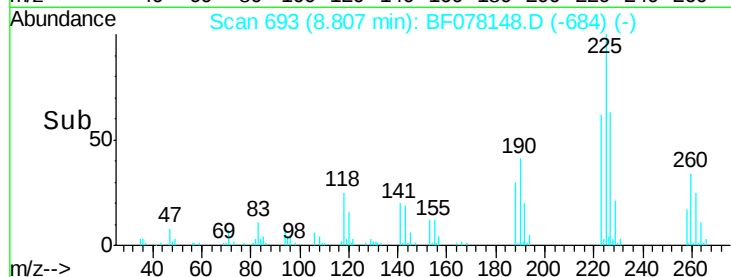
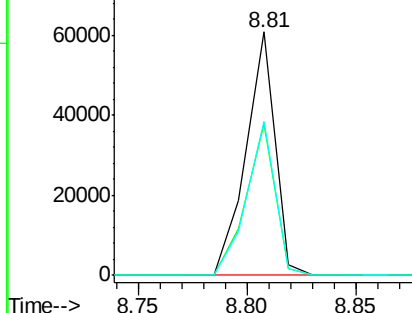
#34
Hexachlorobutadiene
Concen: 33.84 ng
RT: 8.81 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF078148.D
Acq: 1 Apr 2015 9:18

Instrument :
BNA_F
ClientSampleId :
SB2(1-2)MS

Tot Ion:225 Resp: 56280
Ion Ratio Lower Upper
225 100
223 62.2 47.9 71.9
227 63.0 50.1 75.1

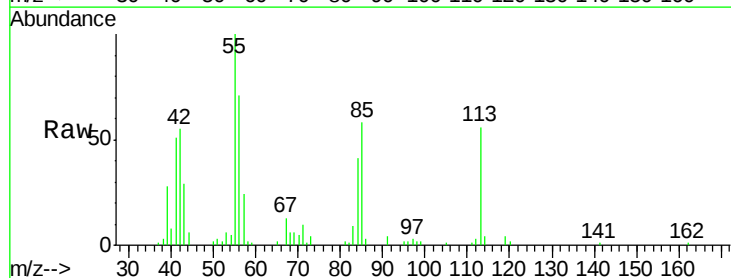


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

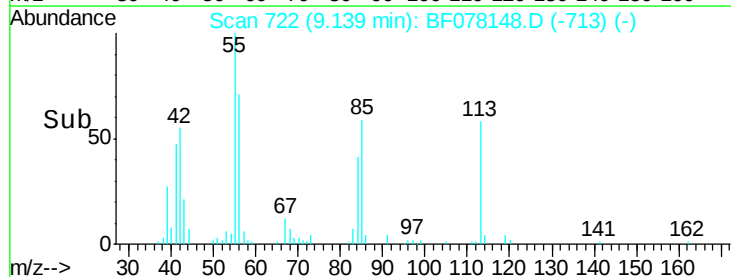
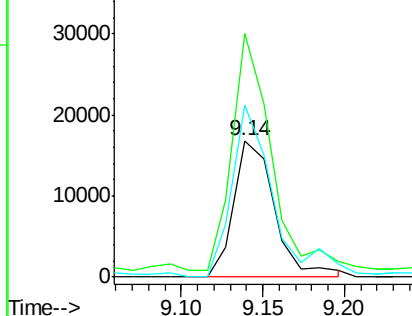


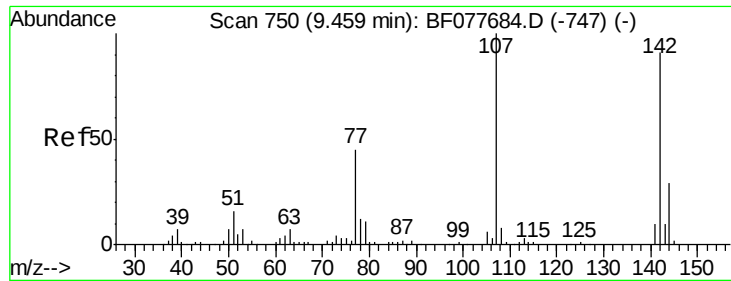
#35
Caprolactam
Concen: 38.04 ng
RT: 9.14 min Scan# 722
Delta R.T. -0.00 min
Lab File: BF078148.D
Acq: 1 Apr 2015 9:18

Tgt Ion:113 Resp: 29153
Ion Ratio Lower Upper
113 100
55 178.7 145.9 185.9
56 126.6 101.0 141.0



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

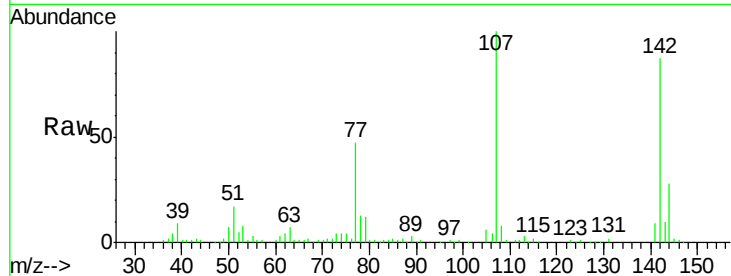




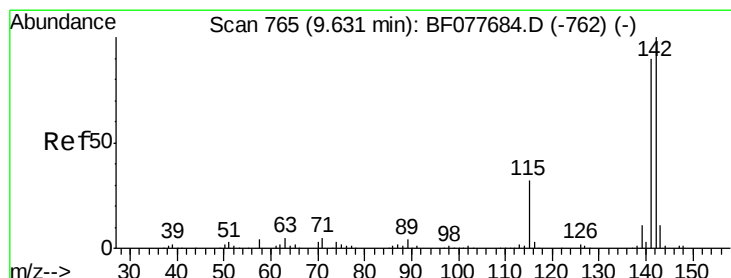
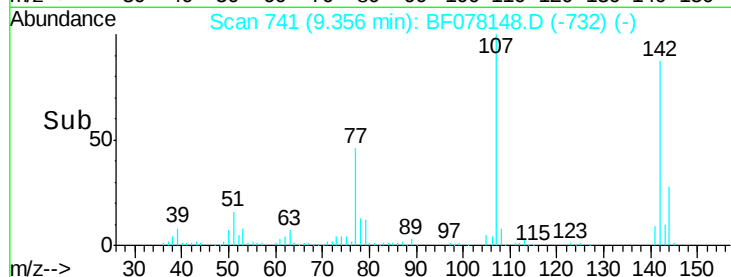
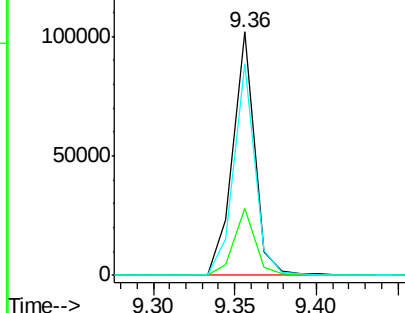
#36
 4-Chloro-3-methylphenol
 Concen: 35.93 ng
 RT: 9.36 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF078148.D
 Acq: 1 Apr 2015 9:18

Instrument :
 BNA_F
 ClientSampleId :
 SB2(1-2)MS

Tot Ion:107 Resp: 94801
 Ion Ratio Lower Upper
 107 100
 144 27.5 23.3 34.9
 142 86.9 72.6 109.0

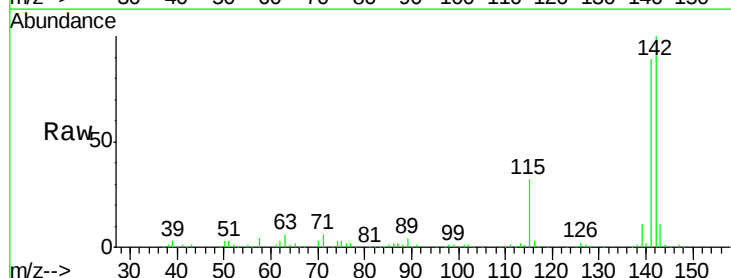


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

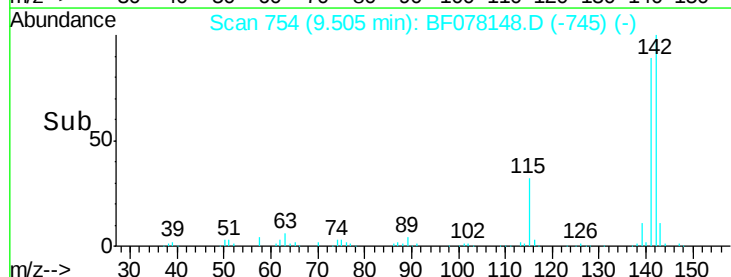
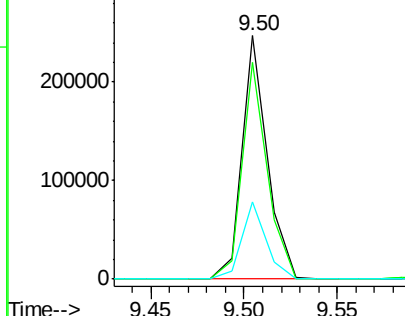


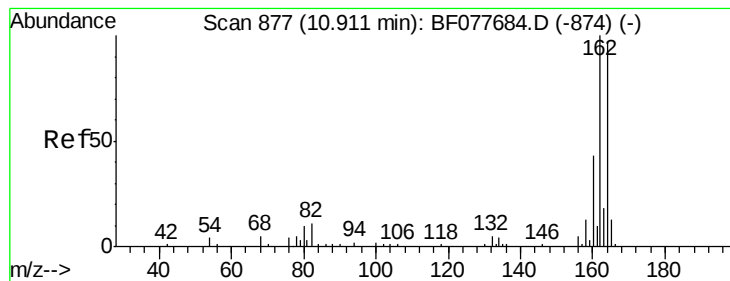
#37
 2-Methylnaphthalene
 Concen: 35.73 ng
 RT: 9.50 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: BF078148.D
 Acq: 1 Apr 2015 9:18

Tgt Ion:142 Resp: 231364
 Ion Ratio Lower Upper
 142 100
 141 88.8 71.9 107.9
 115 31.7 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: 10.78 min Scan# 866

Delta R.T. -0.01 min

Lab File: BF078148.D

Acq: 1 Apr 2015 9:18

Instrument :

BNA_F

ClientSampleId :

SB2(1-2)MS

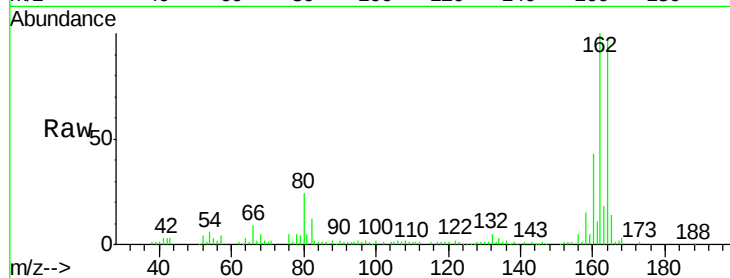
Tot Ion:164 Resp: 90166

Ion Ratio Lower Upper

164 100

162 103.6 82.4 123.6

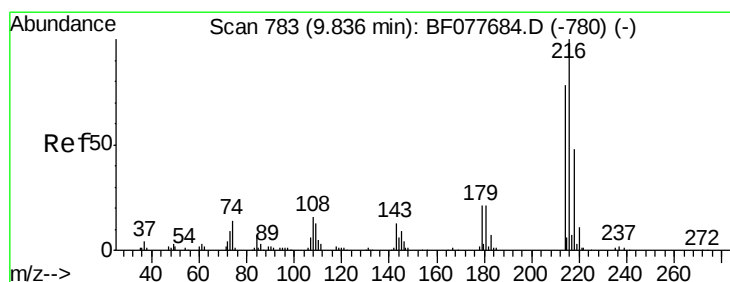
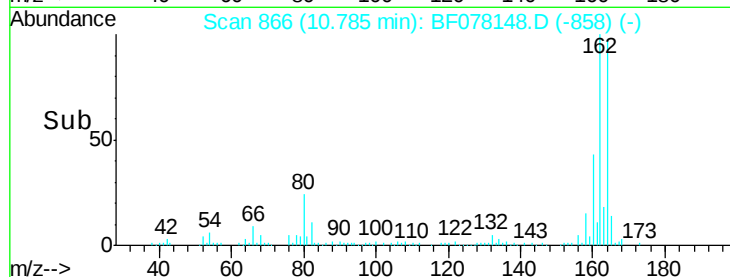
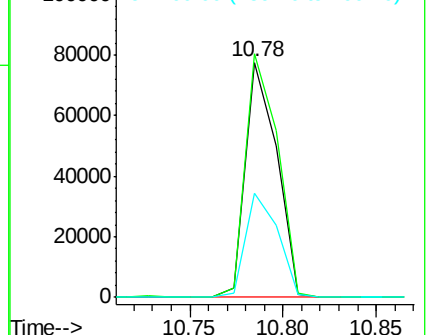
160 44.5 35.8 53.6



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: 35.67 ng

RT: 9.71 min Scan# 772

Delta R.T. -0.00 min

Lab File: BF078148.D

Acq: 1 Apr 2015 9:18

Tgt Ion:216 Resp: 95931

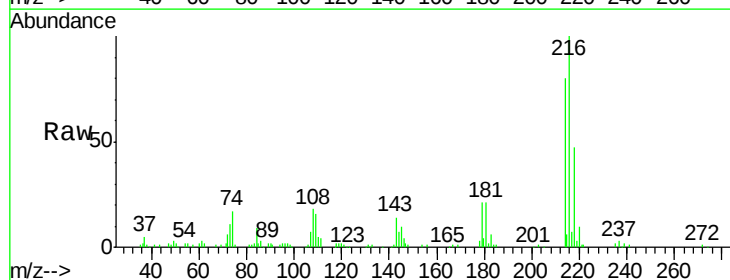
Ion Ratio Lower Upper

216 100

214 79.1 0.0 0.0#

179 21.1 0.0 0.0#

108 19.7 0.0 0.0#

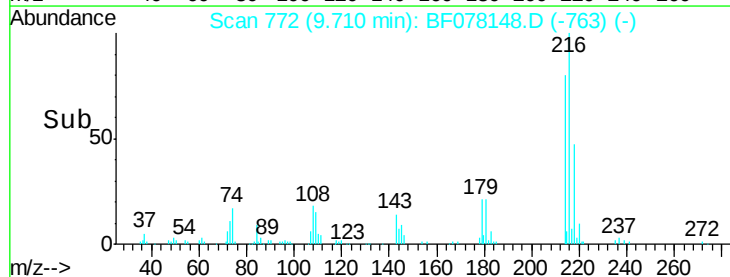
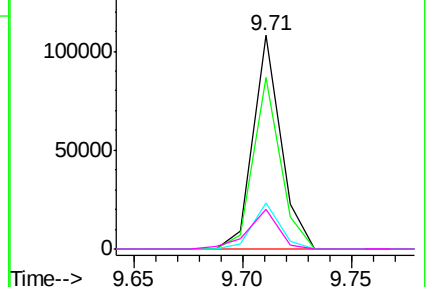


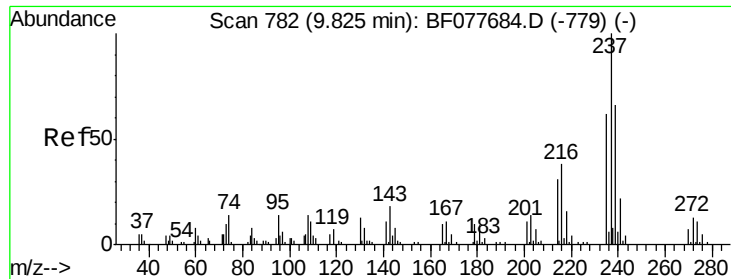
Abundance Ion 216.00 (215.70 to 216.70): E

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

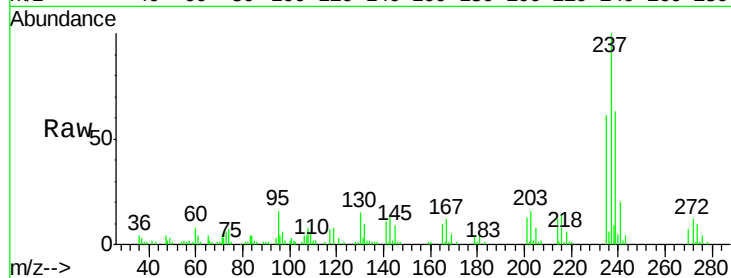




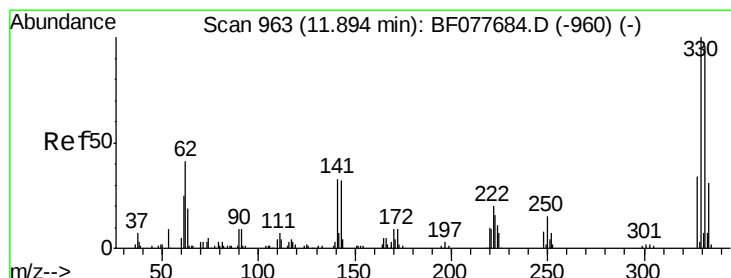
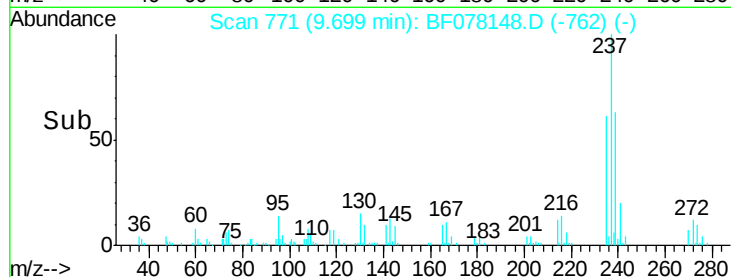
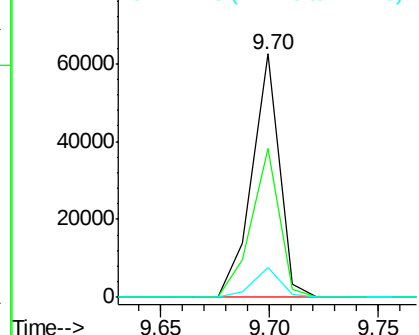
#40
Hexachlorocyclopentadiene
Concen: 42.21 ng
RT: 9.70 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF078148.D
Acq: 1 Apr 2015 9:18

Instrument :
BNA_F
ClientSampleId :
SB2(1-2)MS

Tot Ion:237 Resp: 54731
Ion Ratio Lower Upper
237 100
235 61.3 42.0 82.0
272 12.5 0.0 33.4

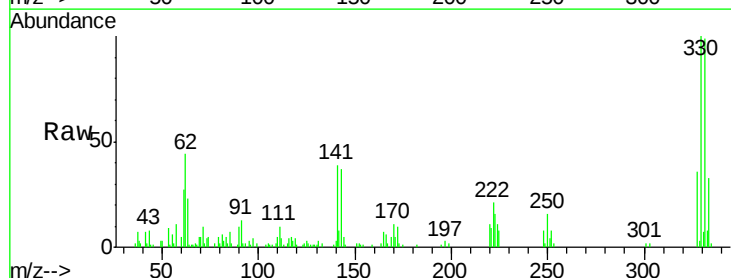


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

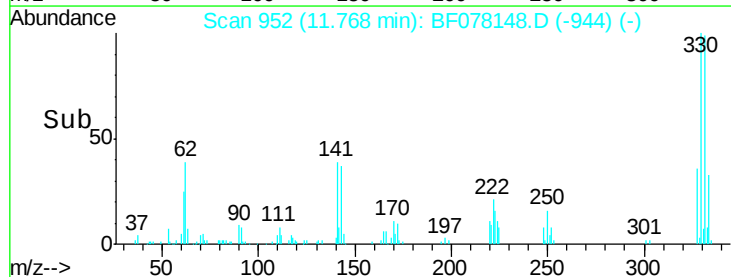
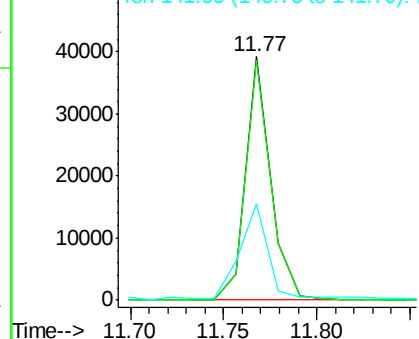


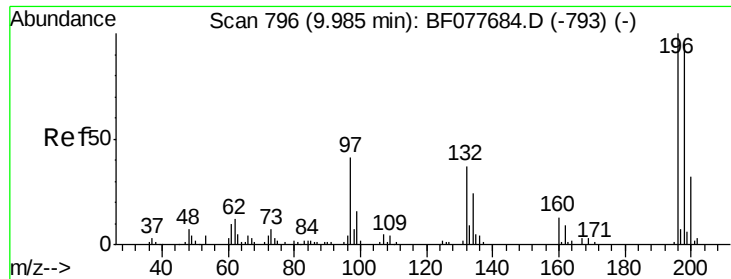
#41
2,4,6-Tribromophenol
Concen: 42.69 ng
RT: 11.77 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF078148.D
Acq: 1 Apr 2015 9:18

Tgt Ion:330 Resp: 36828
Ion Ratio Lower Upper
330 100
332 98.7 0.0 0.0#
141 48.9 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

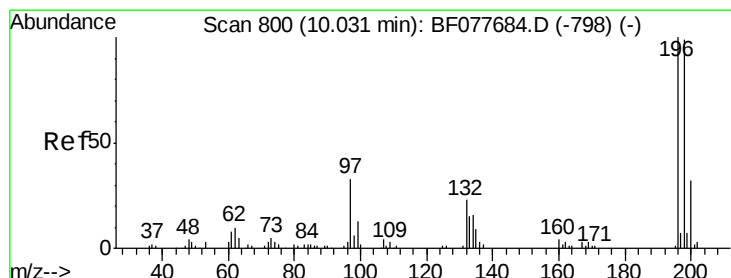
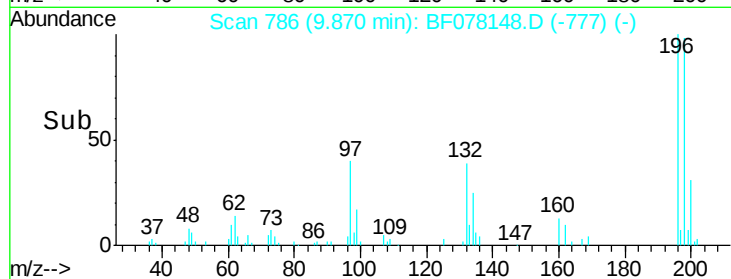
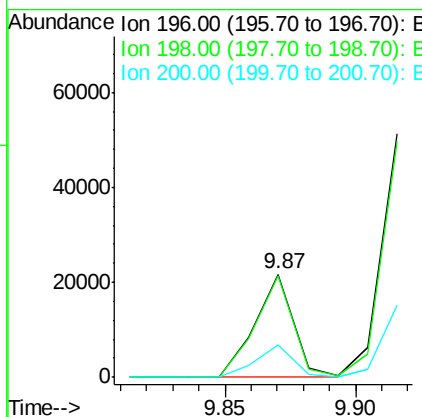
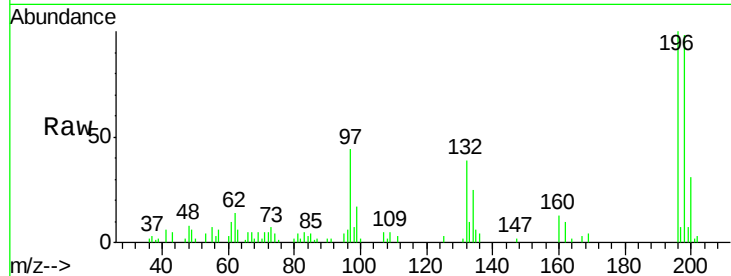




#42
 2,4,6-Trichlorophenol
 Concen: 11.94 ng
 RT: 9.87 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF078148.D
 Acq: 1 Apr 2015 9:18

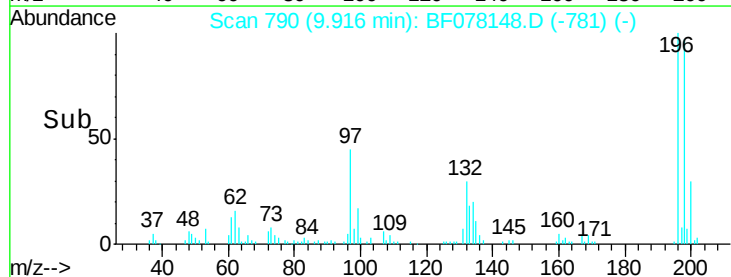
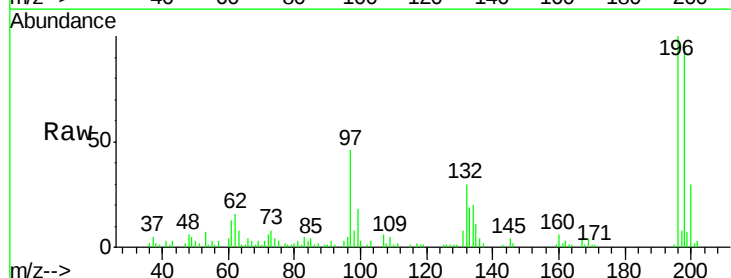
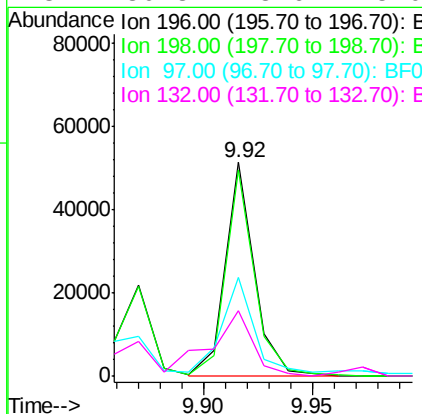
Instrument :
 BNA_F
 ClientSampleId :
 SB2(1-2)MS

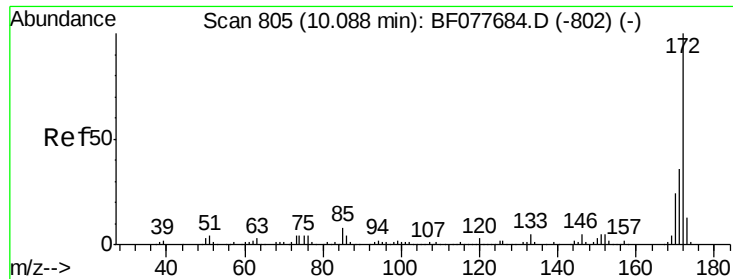
Tot Ion:196 Resp: 22236
 Ion Ratio Lower Upper
 196 100
 198 98.5 76.3 114.5
 200 31.2 25.6 38.4



#43
 2,4,5-Trichlorophenol
 Concen: 23.71 ng
 RT: 9.92 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BF078148.D
 Acq: 1 Apr 2015 9:18

Tgt Ion:196 Resp: 47715
 Ion Ratio Lower Upper
 196 100
 198 96.8 79.4 119.0
 97 46.3 26.8 40.2#
 132 30.3 18.6 28.0#

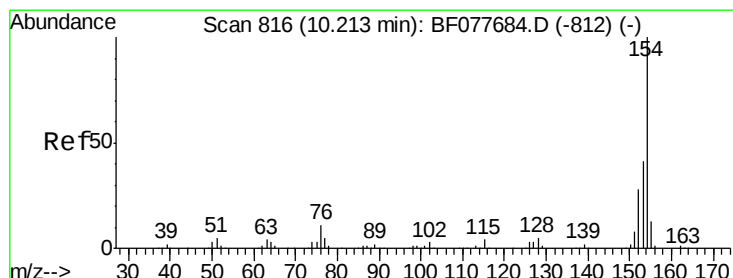
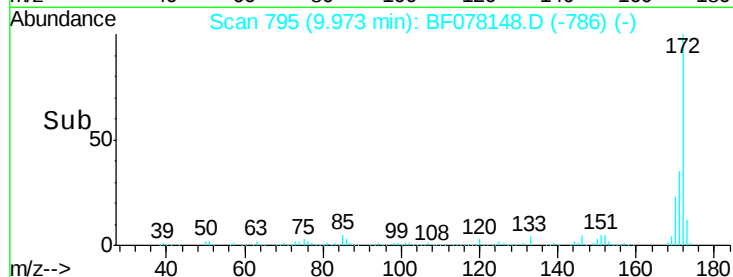
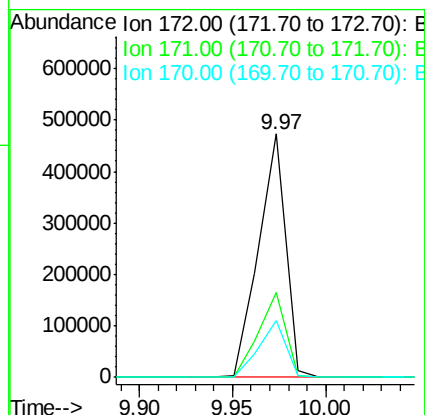
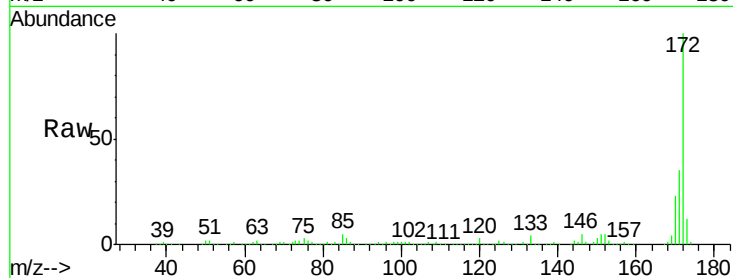




#44
 2-Fluorobiphenyl
 Concen: 77.20 ng
 RT: 9.97 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF078148.D
 Acq: 1 Apr 2015 9:18

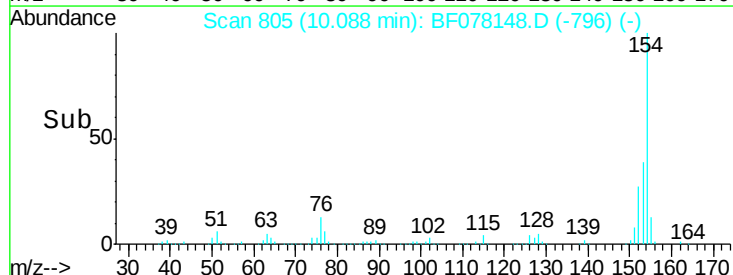
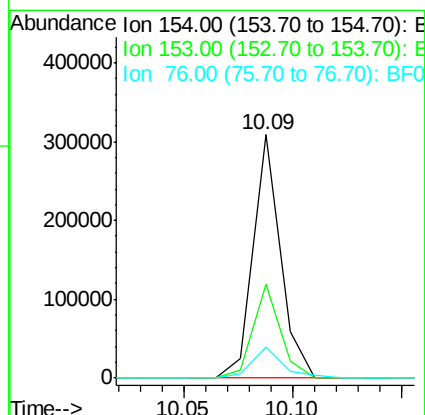
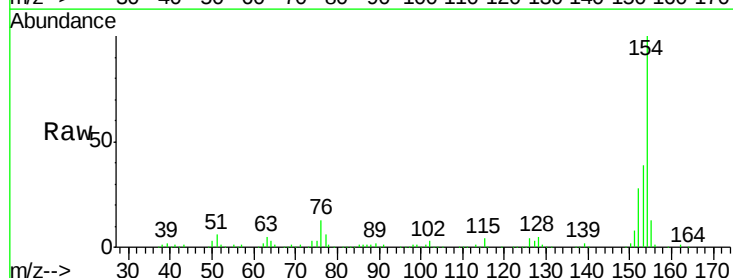
Instrument :
 BNA_F
 ClientSampleId :
 SB2(1-2)MS

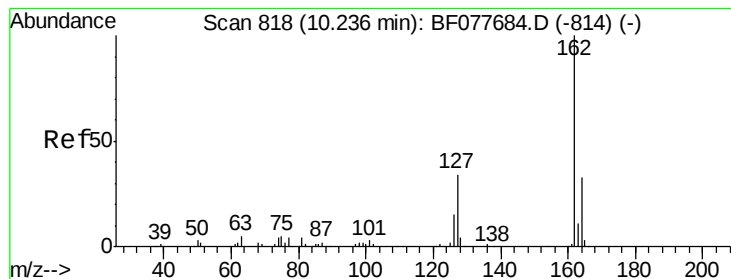
Tot Ion:172 Resp: 473644
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.5 42.7
 170 23.4 18.8 28.2



#45
 1,1'-Biphenyl
 Concen: 37.45 ng
 RT: 10.09 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF078148.D
 Acq: 1 Apr 2015 9:18

Tgt Ion:154 Resp: 269958
 Ion Ratio Lower Upper
 154 100
 153 38.6 20.7 60.7
 76 12.9 0.0 30.9





#46

2-Chloronaphthalene

Concen: 34.99 ng

RT: 10.11 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF078148.D

Acq: 1 Apr 2015 9:18

Instrument :

BNA_F

ClientSampleId :

SB2(1-2)MS

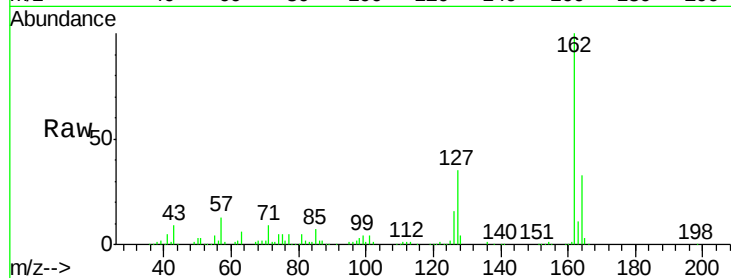
Tot Ion:162 Resp: 204974

Ion Ratio Lower Upper

162 100

127 35.0 26.9 40.3

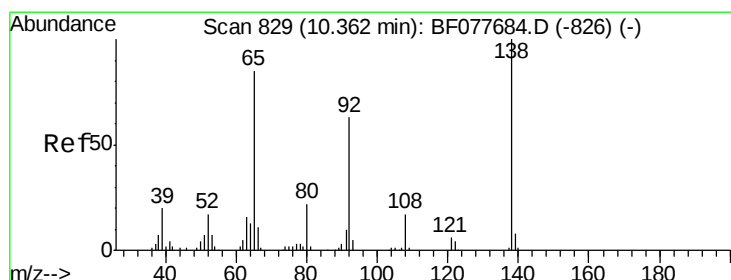
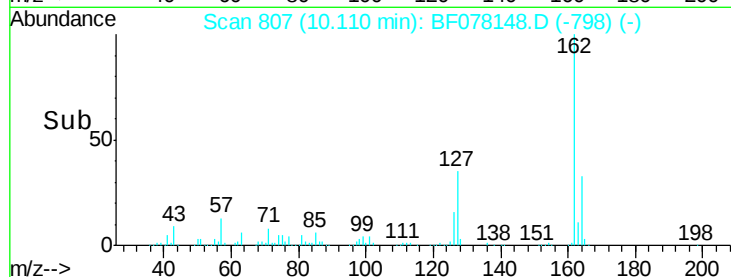
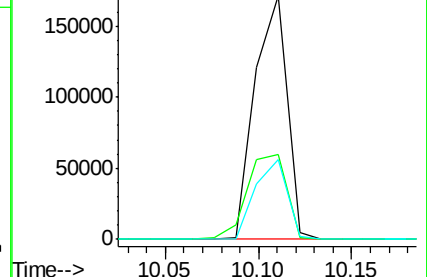
164 33.0 26.8 40.2



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: 39.87 ng

RT: 10.25 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF078148.D

Acq: 1 Apr 2015 9:18

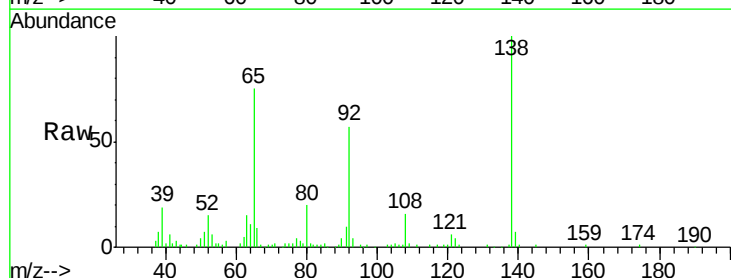
Tgt Ion: 65 Resp: 57999

Ion Ratio Lower Upper

65 100

92 77.0 59.1 88.7

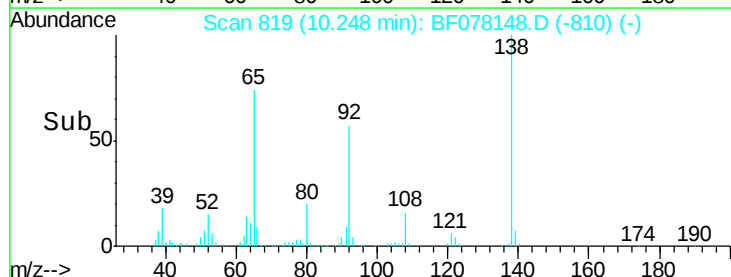
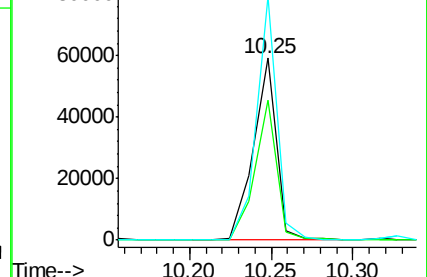
138 134.0 93.9 140.9

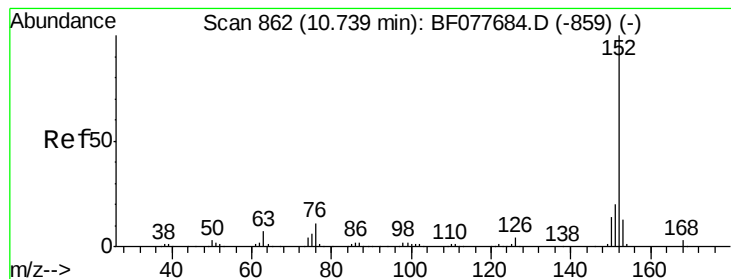


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 33.85 ng

RT: 10.61 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF078148.D

Acq: 1 Apr 2015 9:18

Instrument :

BNA_F

ClientSampleId :

SB2(1-2)MS

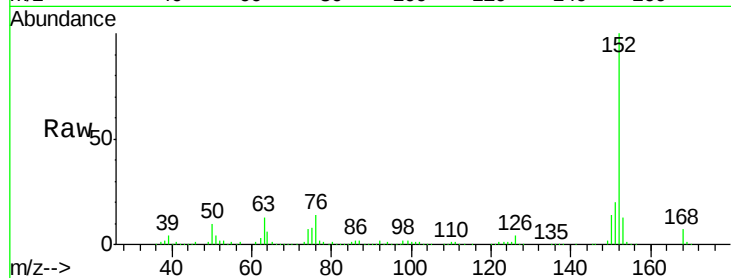
Tot Ion:152 Resp: 329678

Ion Ratio Lower Upper

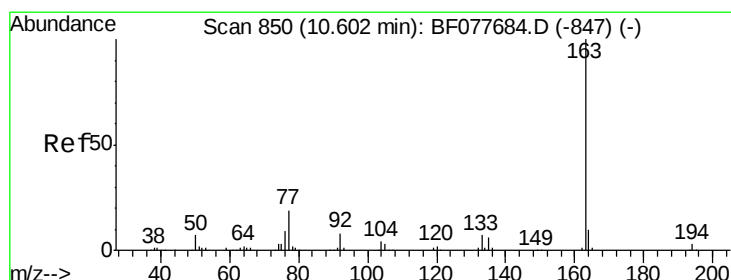
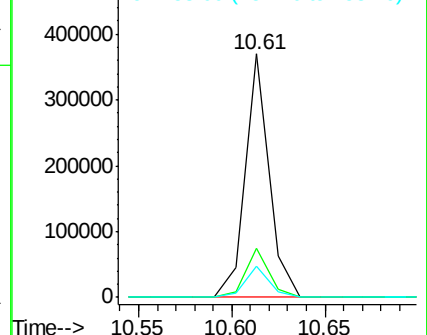
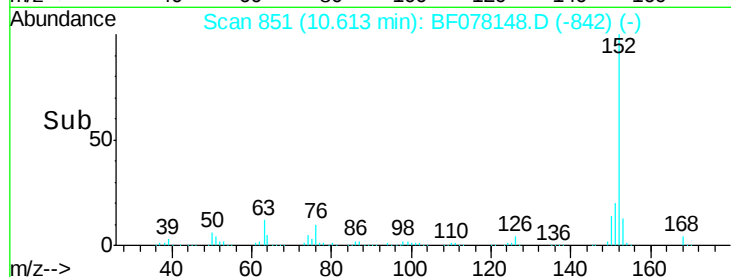
152 100

151 20.0 15.9 23.9

153 12.9 10.6 16.0



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



#49

Dimethylphthalate

Concen: 42.72 ng

RT: 10.49 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF078148.D

Acq: 1 Apr 2015 9:18

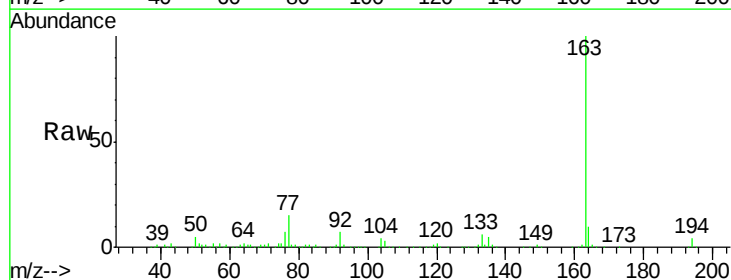
Tgt Ion:163 Resp: 285663

Ion Ratio Lower Upper

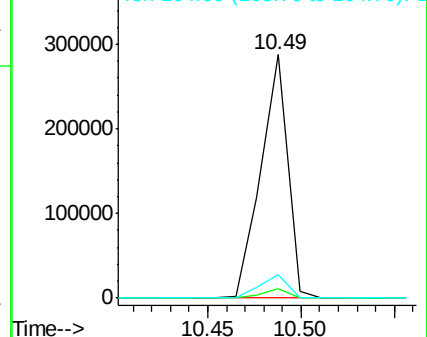
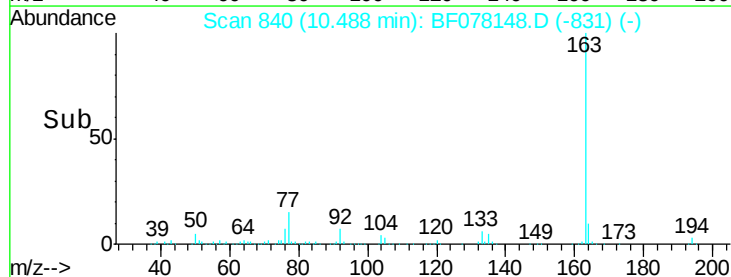
163 100

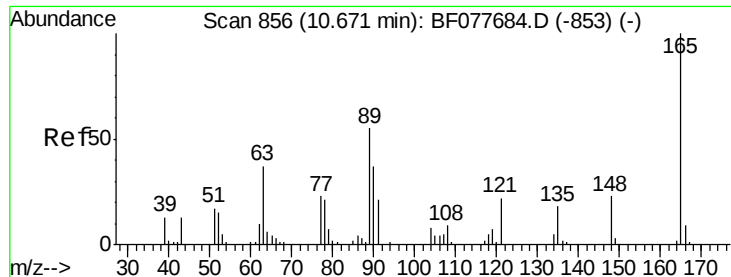
194 3.6 2.7 4.1

164 9.6 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

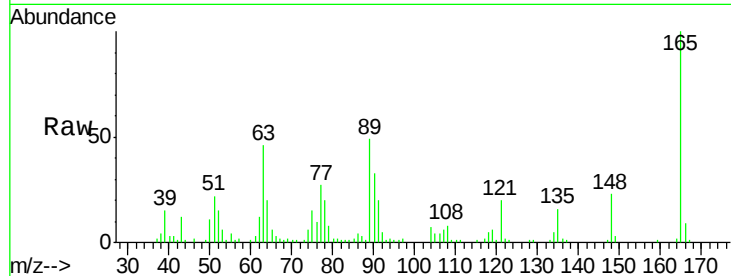




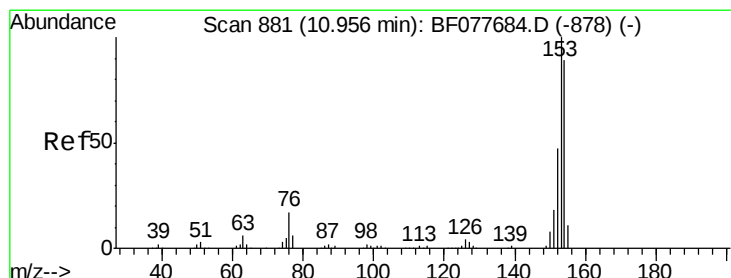
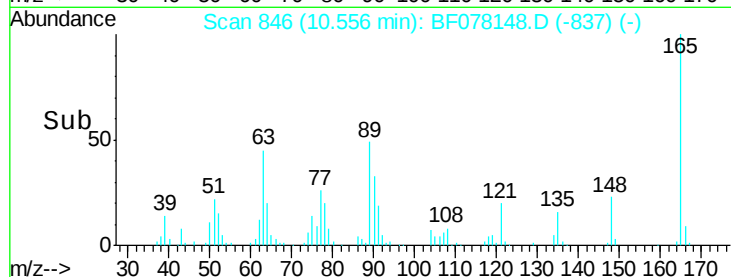
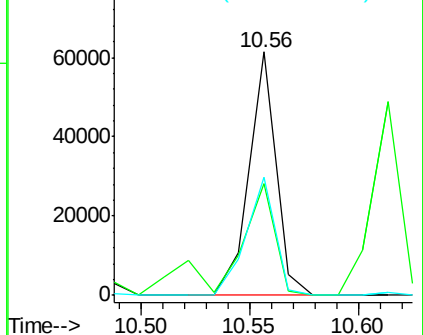
#50
2,6-Dinitrotoluene
Concen: 38.39 ng
RT: 10.56 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF078148.D
Acq: 1 Apr 2015 9:18

Instrument :
BNA_F
ClientSampleId :
SB2(1-2)MS

Tot Ion:165 Resp: 53214
Ion Ratio Lower Upper
165 100
63 46.1 44.1 66.1
89 48.7 44.3 66.5

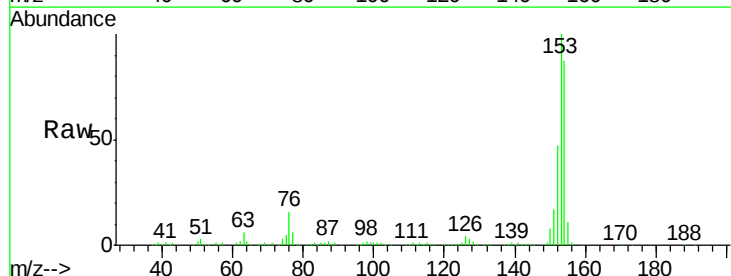


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

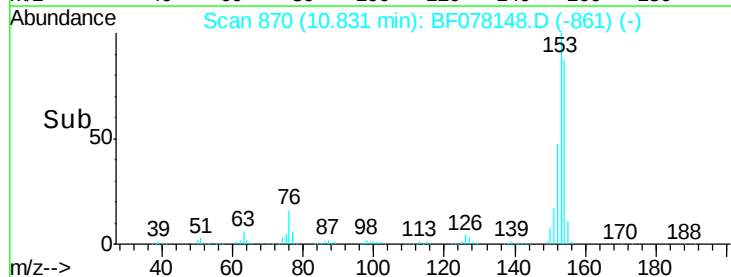
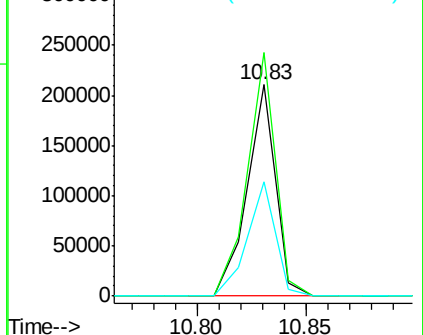


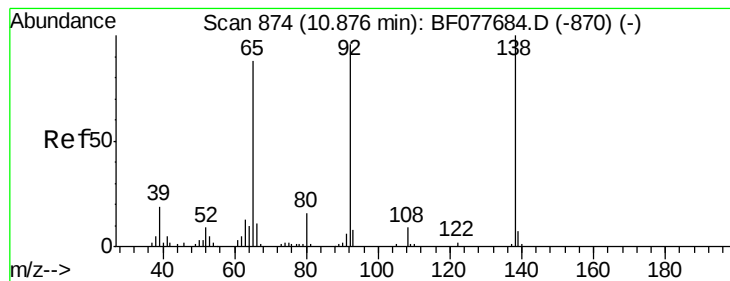
#51
Acenaphthene
Concen: 34.12 ng
RT: 10.83 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF078148.D
Acq: 1 Apr 2015 9:18

Tgt Ion:154 Resp: 190544
Ion Ratio Lower Upper
154 100
153 115.1 90.0 135.0
152 53.9 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: 23.69 ng

RT: 10.75 min Scan# 863

Delta R.T. -0.01 min

Lab File: BF078148.D

Acq: 1 Apr 2015 9:18

Instrument :

BNA_F

ClientSampleId :

SB2(1-2)MS

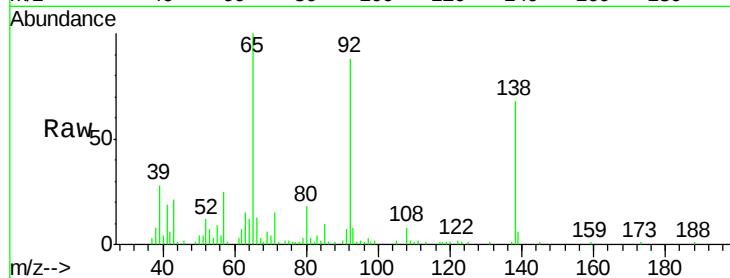
Tot Ion:138 Resp: 38137

Ion Ratio Lower Upper

138 100

108 11.7 7.3 10.9#

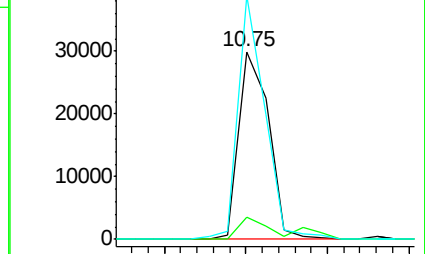
92 129.7 76.6 114.8#



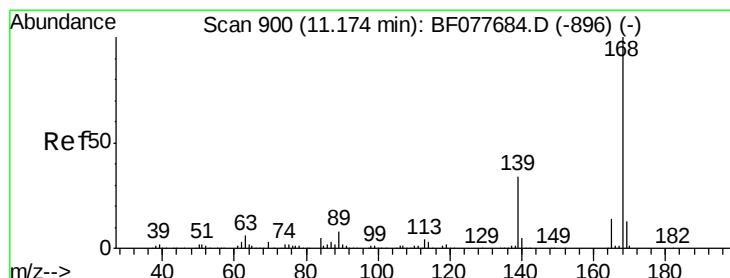
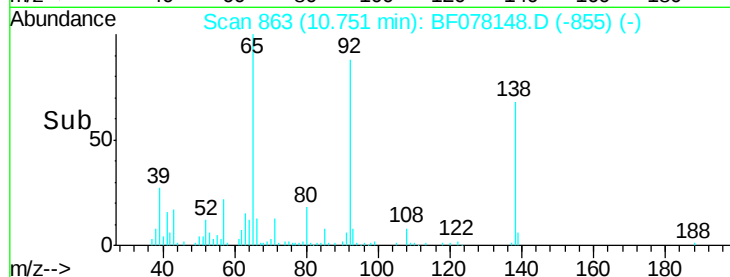
Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



Time-->



#54

Dibenzofuran

Concen: 35.94 ng

RT: 11.05 min Scan# 889

Delta R.T. -0.00 min

Lab File: BF078148.D

Acq: 1 Apr 2015 9:18

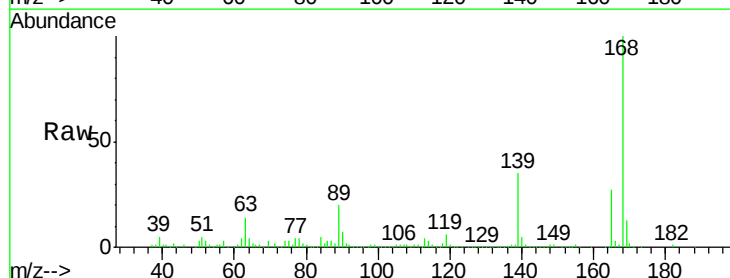
Tgt Ion:168 Resp: 297686

Ion Ratio Lower Upper

168 100

139 34.7 27.3 40.9

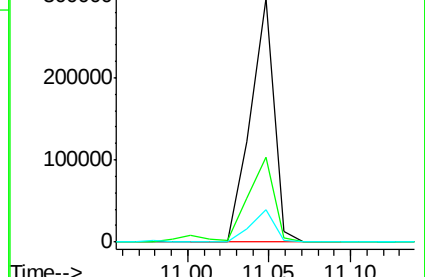
169 13.3 10.6 16.0



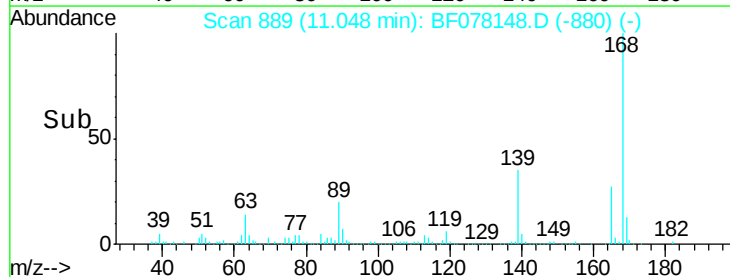
Abundance Ion 168.00 (167.70 to 168.70): E

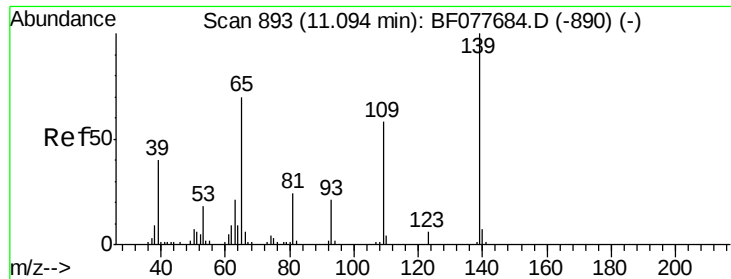
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



Time-->

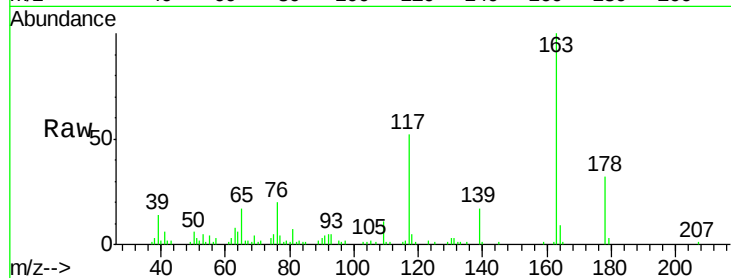




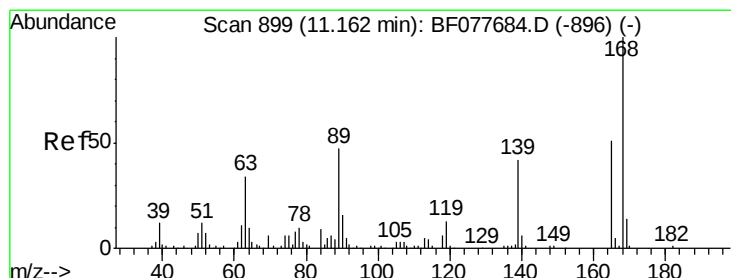
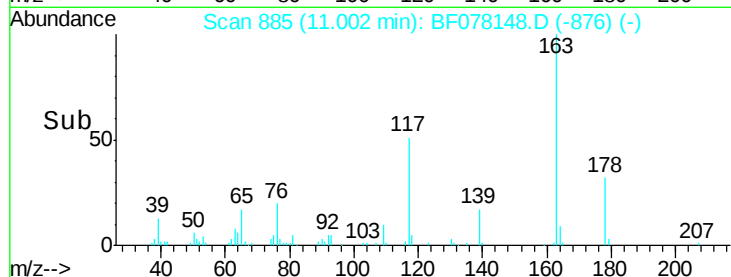
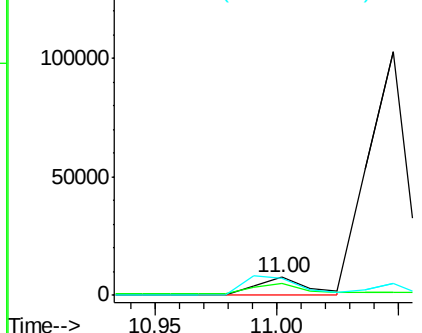
#55
4-Nitrophenol
Concen: 9.33 ng/mL
RT: 11.00 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF078148.D
Acq: 1 Apr 2015 9:18

Instrument :
BNA_F
ClientSampled :
SB2(1-2)MS

Tot Ion:139 Resp: 11128
Ion Ratio Lower Upper
139 100
109 64.3 37.7 77.7
65 98.1 49.9 89.9#



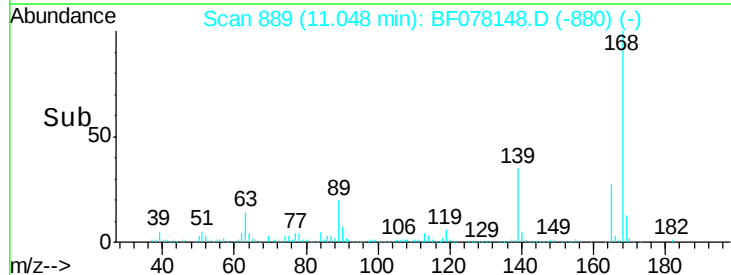
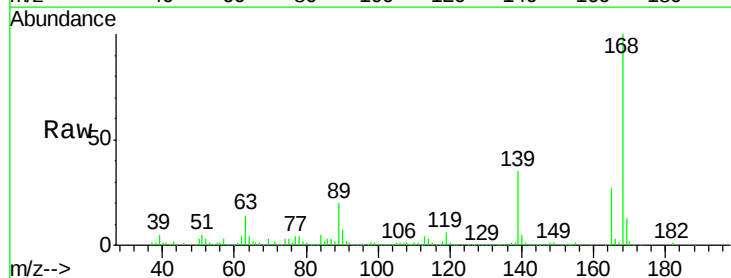
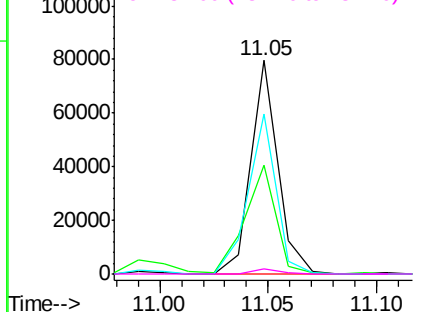
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

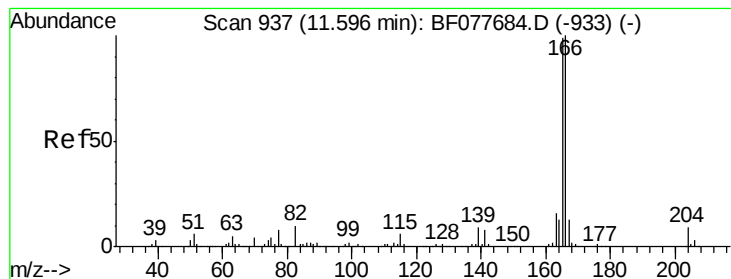


#56
2,4-Dinitrotoluene
Concen: 37.99 ng/mL
RT: 11.05 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF078148.D
Acq: 1 Apr 2015 9:18

Tgt Ion:165 Resp: 68665
Ion Ratio Lower Upper
165 100
63 50.8 52.4 78.6#
89 75.1 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: 35.49 ng

RT: 11.47 min Scan# 926

Delta R.T. -0.00 min

Lab File: BF078148.D

Acq: 1 Apr 2015 9:18

Instrument :

BNA_F

ClientSampleId :

SB2(1-2)MS

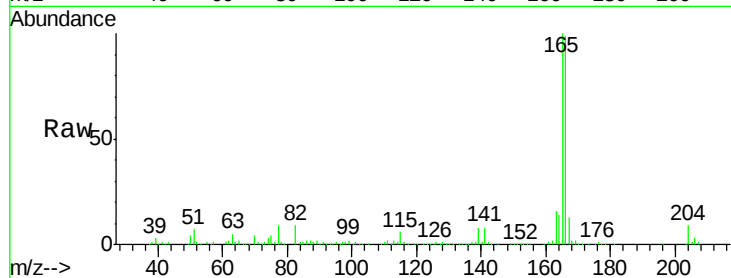
Tot Ion:166 Resp: 244087

Ion Ratio Lower Upper

166 100

165 100.7 79.0 118.4

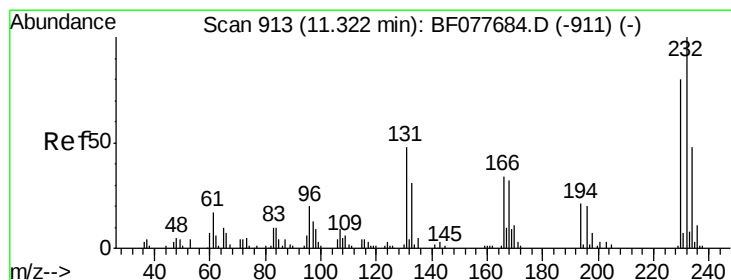
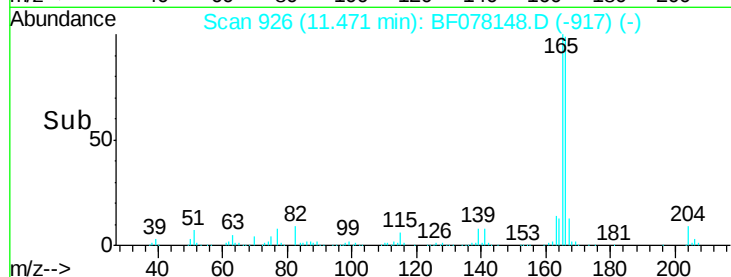
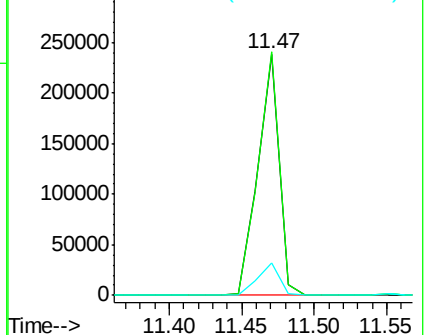
167 13.3 10.3 15.5



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: 6.12 ng

RT: 11.21 min Scan# 903

Delta R.T. -0.00 min

Lab File: BF078148.D

Acq: 1 Apr 2015 9:18

Tgt Ion:232 Resp: 9477

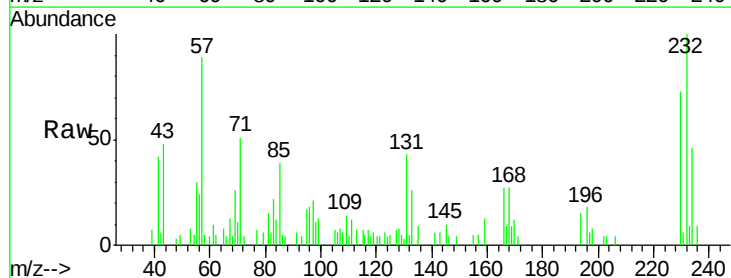
Ion Ratio Lower Upper

232 100

131 54.9 0.0 0.0#

130 4.8 0.0 0.0#

166 31.0 0.0 0.0#

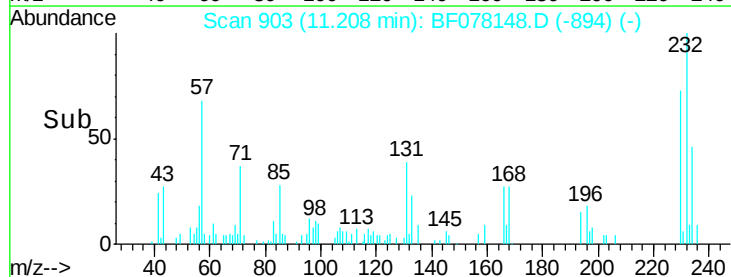
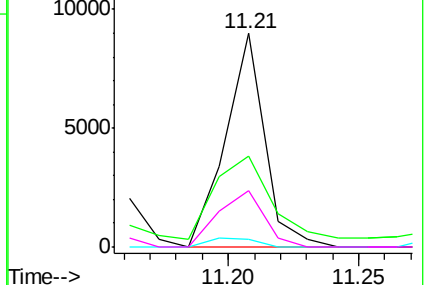


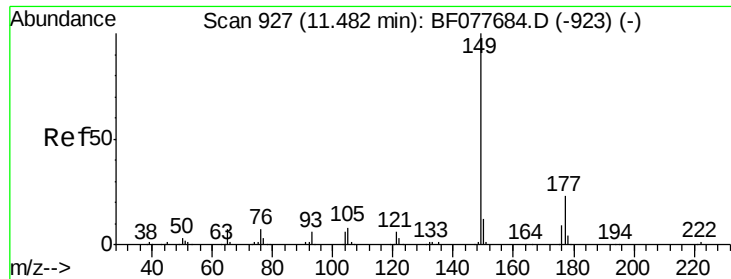
Abundance Ion 232.00 (231.70 to 232.70): E

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

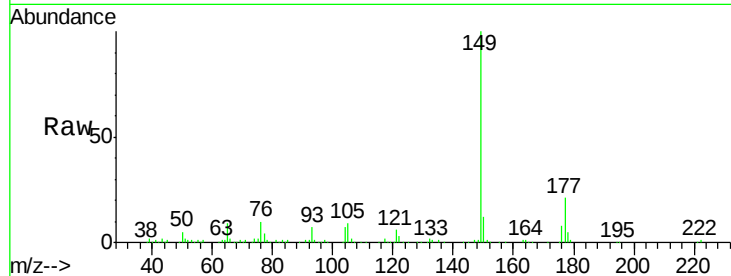




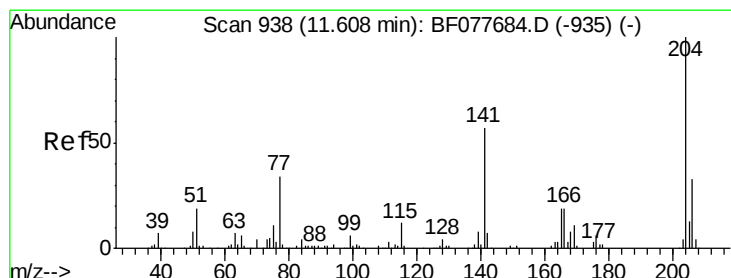
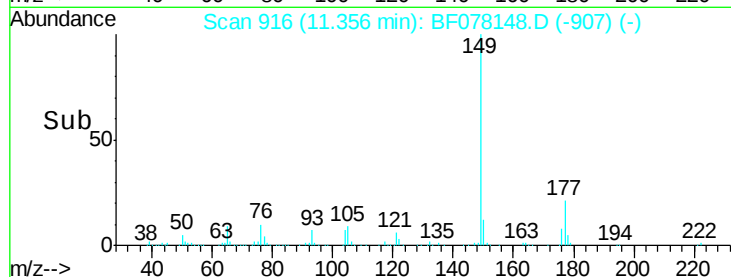
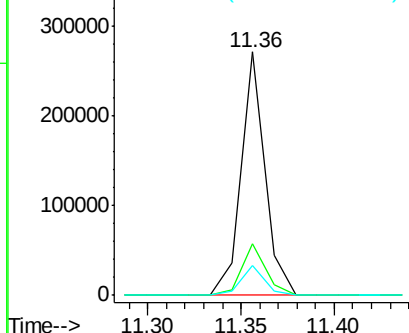
#59
Diethylphthalate
Concen: 37.14 ng
RT: 11.36 min Scan# 916
Delta R.T. -0.00 min
Lab File: BF078148.D
Acq: 1 Apr 2015 9:18

Instrument :
BNA_F
ClientSampleId :
SB2(1-2)MS

Tot Ion:149 Resp: 241985
Ion Ratio Lower Upper
149 100
177 21.1 18.3 27.5
150 12.4 9.8 14.8

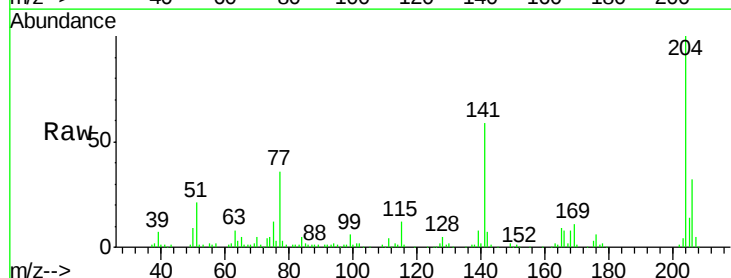


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

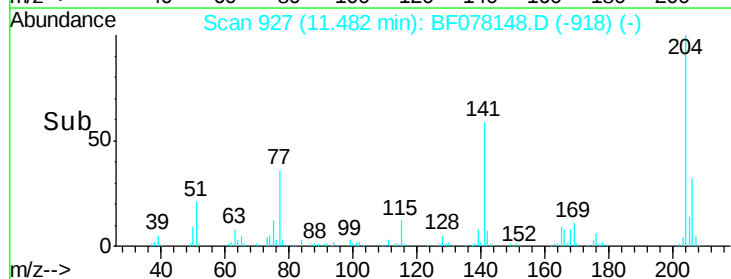
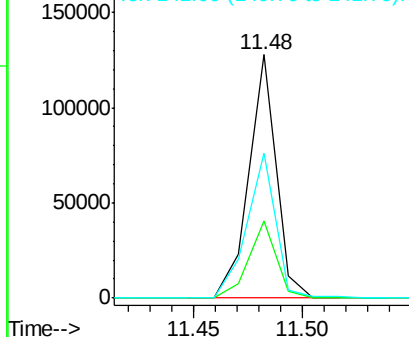


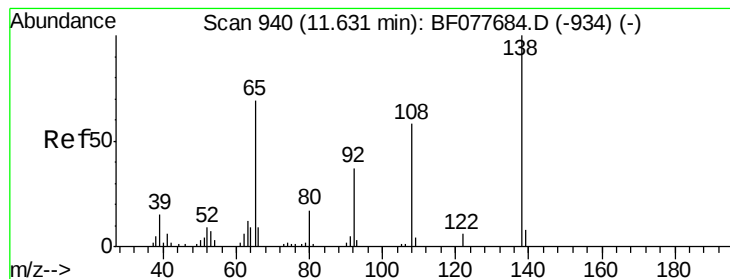
#60
4-Chlorophenyl-phenylether
Concen: 35.43 ng
RT: 11.48 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF078148.D
Acq: 1 Apr 2015 9:18

Tgt Ion:204 Resp: 111224
Ion Ratio Lower Upper
204 100
206 31.9 26.6 39.8
141 59.4 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: 32.36 ng

RT: 11.50 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF078148.D

Acq: 1 Apr 2015 9:18

Instrument :

BNA_F

ClientSampleId :

SB2(1-2)MS

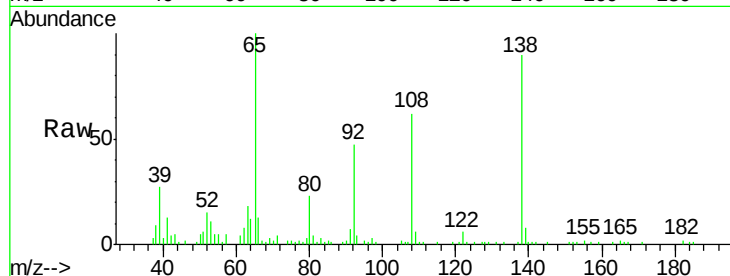
Tot Ion:138 Resp: 51925

Ion Ratio Lower Upper

138 100

92 52.8 16.7 56.7

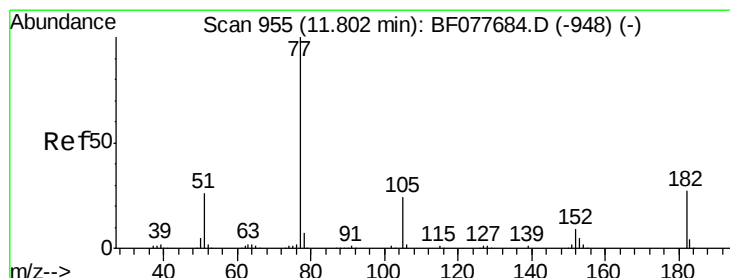
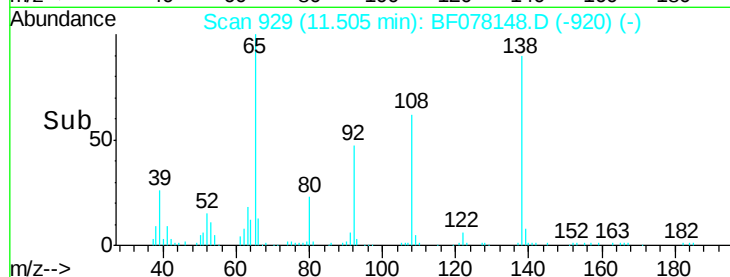
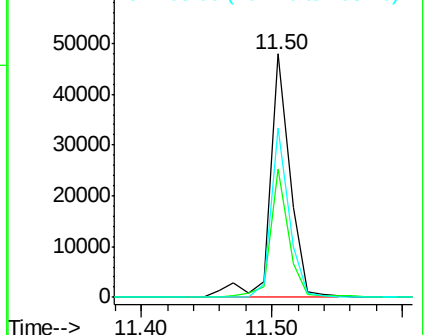
108 69.6 37.6 77.6



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: 41.63 ng

RT: 11.68 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF078148.D

Acq: 1 Apr 2015 9:18

Tgt Ion: 77 Resp: 259227

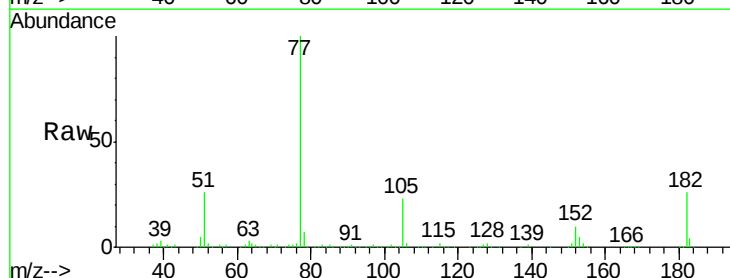
Ion Ratio Lower Upper

77 100

182 26.1 6.5 46.5

105 23.4 3.8 43.8

51 26.3 5.5 45.5

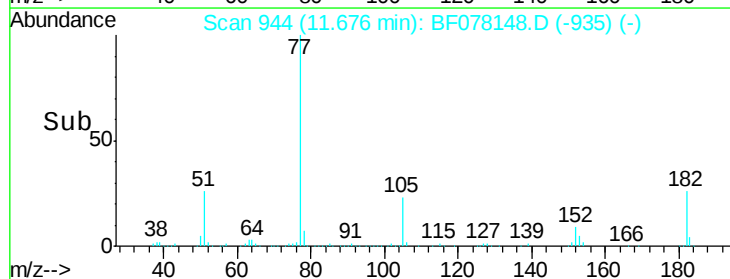
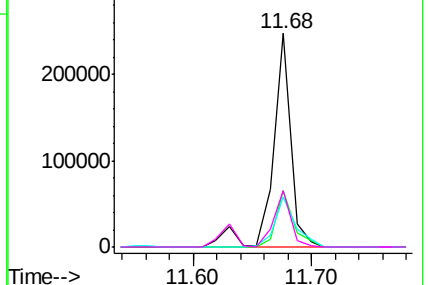


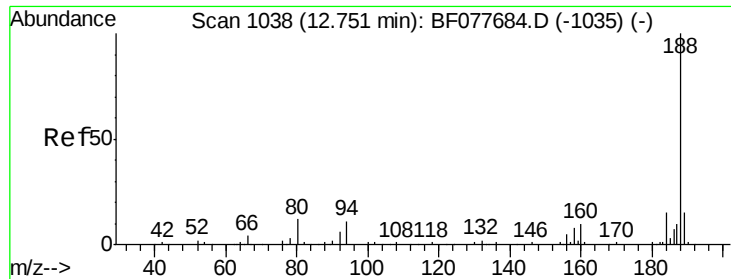
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 12.62 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BF078148.D

Acq: 1 Apr 2015 9:18

Instrument :

BNA_F

ClientSampleId :

SB2(1-2)MS

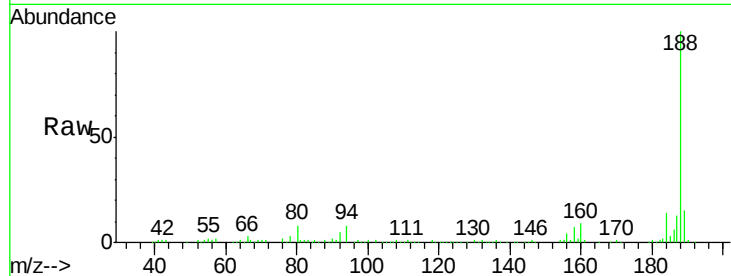
Tot Ion:188 Resp: 172589

Ion Ratio Lower Upper

188 100

94 7.9 8.7 13.1#

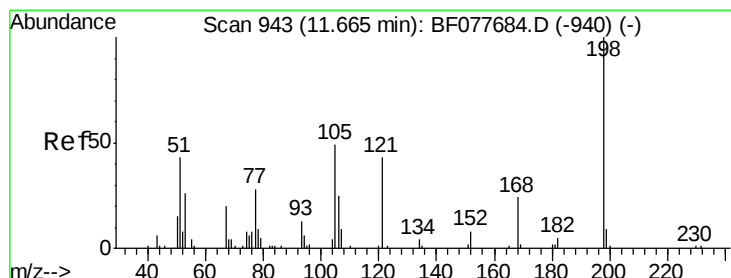
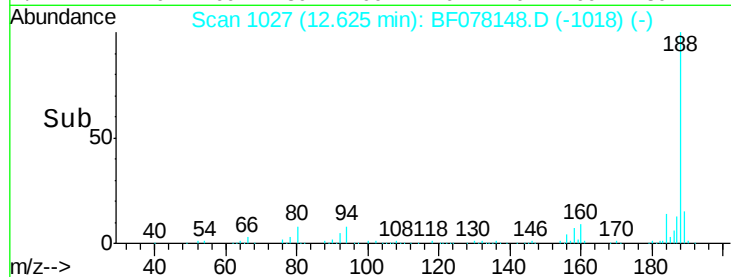
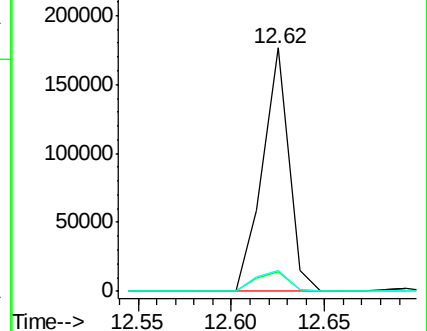
80 8.5 9.3 13.9#



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: 4.86 ng

RT: 11.55 min Scan# 933

Delta R.T. -0.00 min

Lab File: BF078148.D

Acq: 1 Apr 2015 9:18

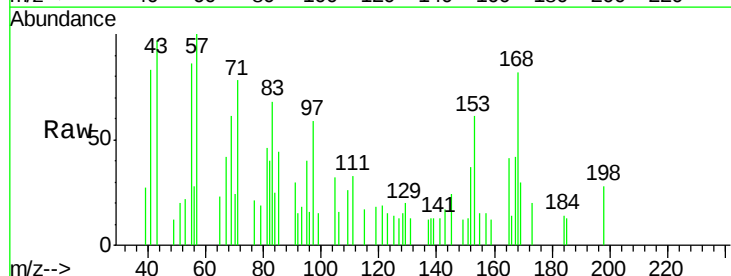
Tgt Ion:198 Resp: 505

Ion Ratio Lower Upper

198 100

51 71.6 28.8 68.8#

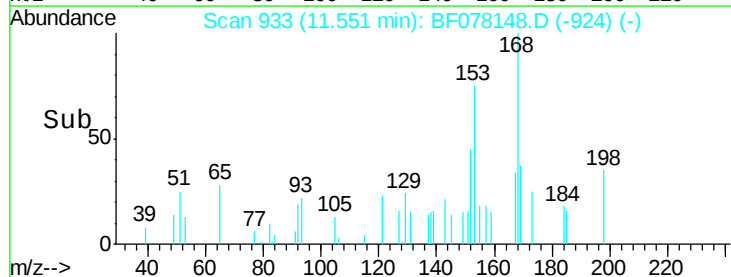
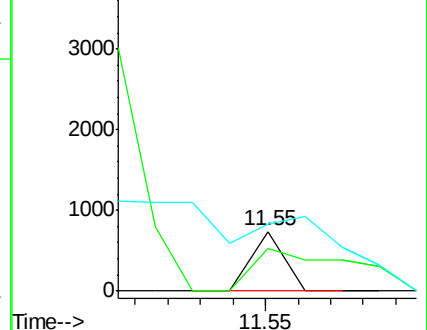
105 111.7 30.5 70.5#

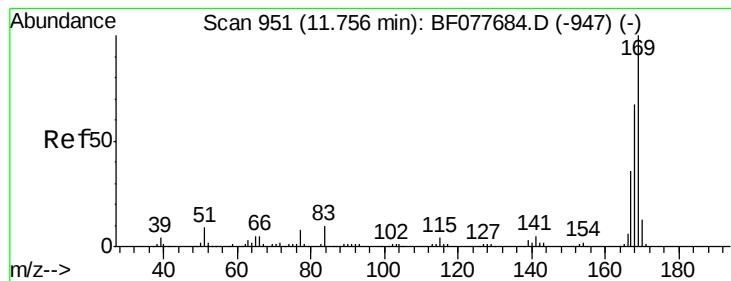


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

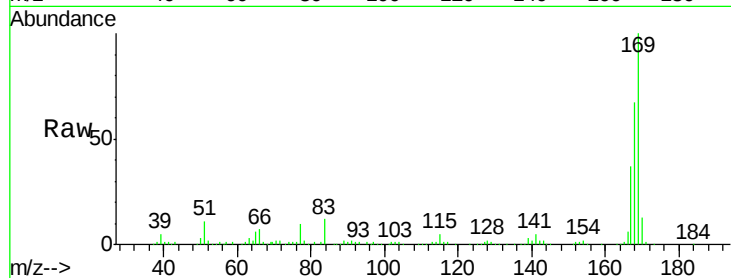




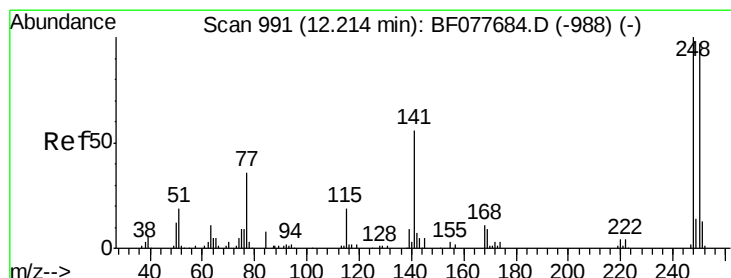
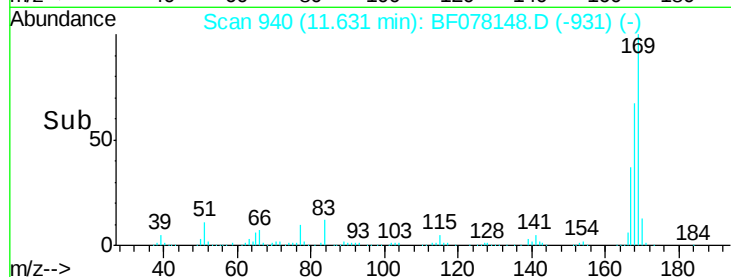
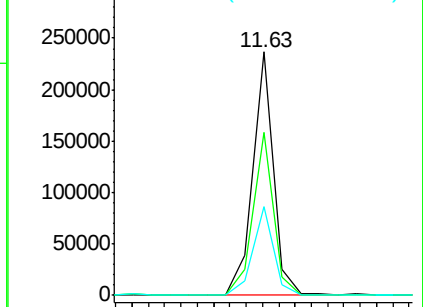
#65
n-Nitrosodiphenylamine
Concen: 36.51 ng
RT: 11.63 min Scan# 940
Delta R.T. -0.00 min
Lab File: BF078148.D
Acq: 1 Apr 2015 9:18

Instrument :
BNA_F
ClientSampleId :
SB2(1-2)MS

Tot Ion:169 Resp: 209823
Ion Ratio Lower Upper
169 100
168 66.9 53.9 80.9
167 36.7 28.9 43.3

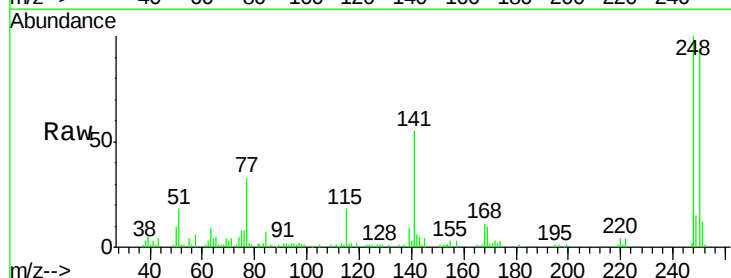


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

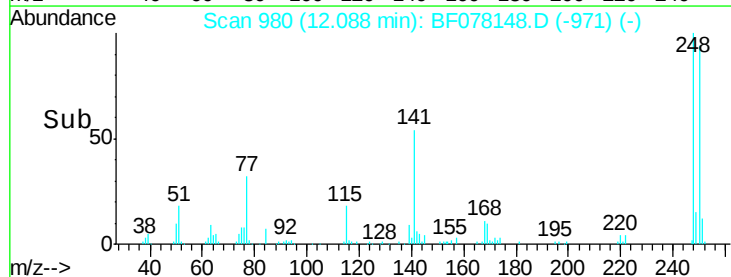
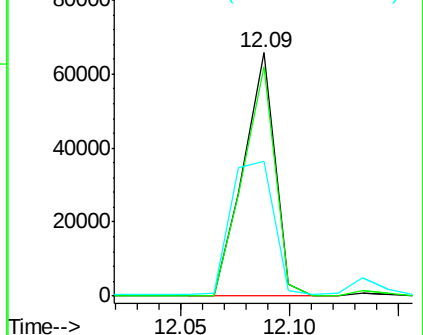


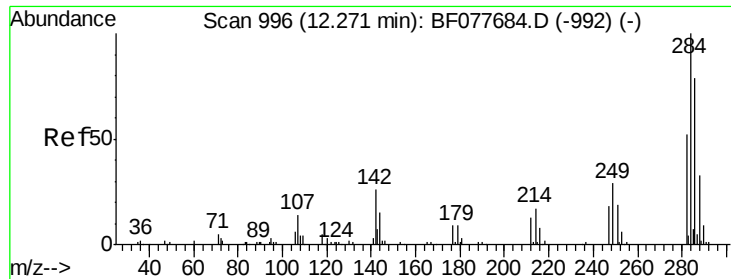
#66
4-Bromophenyl-phenylether
Concen: 36.06 ng
RT: 12.09 min Scan# 980
Delta R.T. -0.00 min
Lab File: BF078148.D
Acq: 1 Apr 2015 9:18

Tgt Ion:248 Resp: 66409
Ion Ratio Lower Upper
248 100
250 94.3 77.4 116.0
141 55.4 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

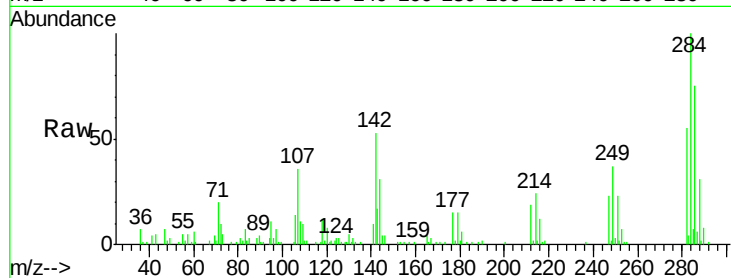




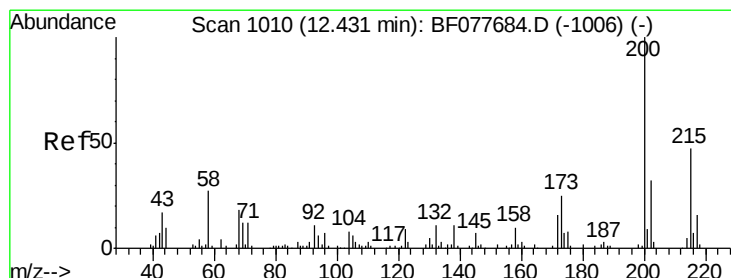
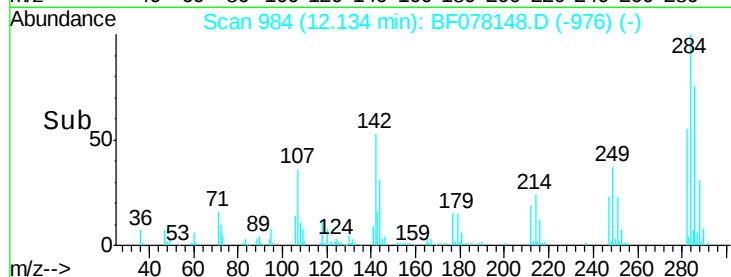
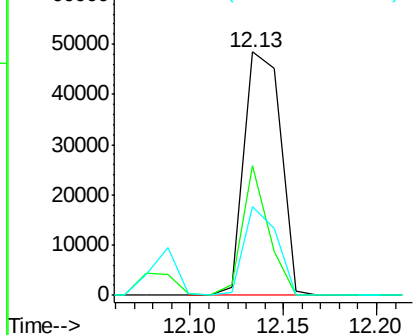
#67
Hexachlorobenzene
Concen: 32.57 ng
RT: 12.13 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF078148.D
Acq: 1 Apr 2015 9:18

Instrument :
BNA_F
ClientSampleId :
SB2(1-2)MS

Tot Ion:284 Resp: 65907
Ion Ratio Lower Upper
284 100
142 53.5 20.4 30.6#
249 36.6 23.8 35.6#

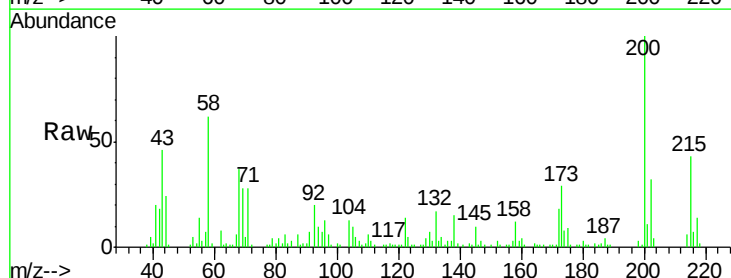


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

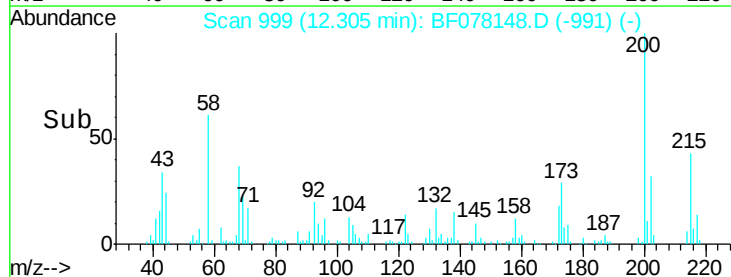
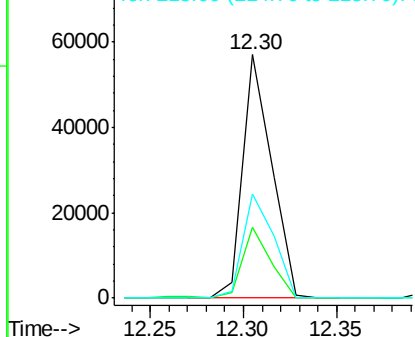


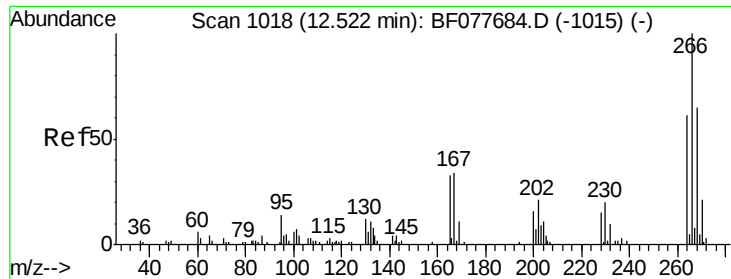
#68
Atrazine
Concen: 38.09 ng
RT: 12.30 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF078148.D
Acq: 1 Apr 2015 9:18

Tgt Ion:200 Resp: 61352
Ion Ratio Lower Upper
200 100
173 29.1 4.8 44.8
215 42.7 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

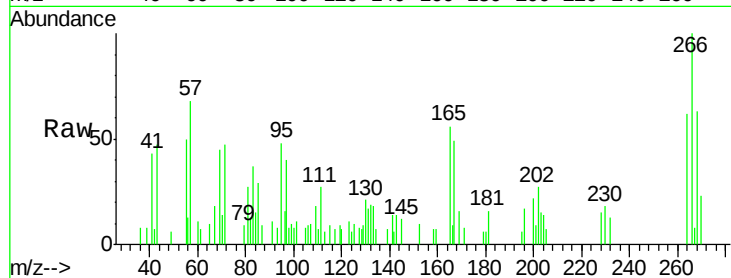




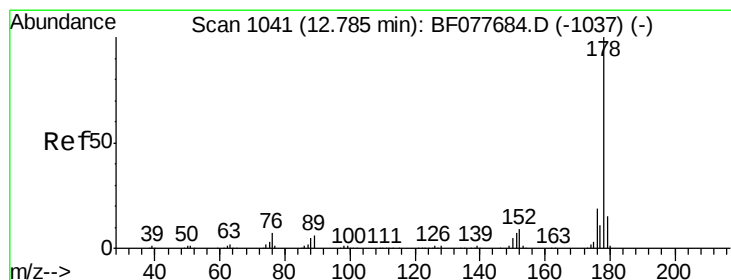
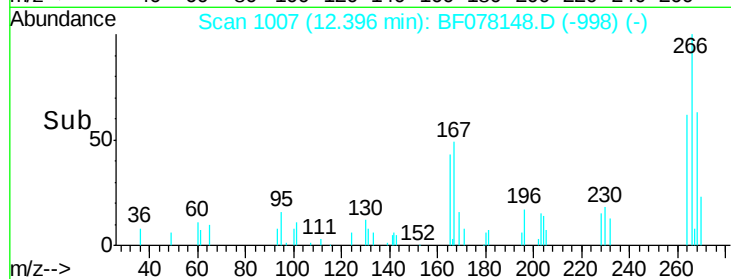
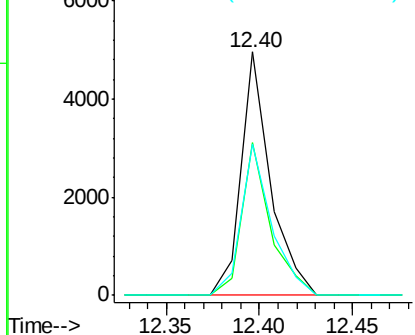
#69
 Pentachlorophenol
 Concen: 8.03 ng
 RT: 12.40 min Scan# 1007
 Delta R.T. -0.00 min
 Lab File: BF078148.D
 Acq: 1 Apr 2015 9:18

Instrument :
 BNA_F
 ClientSampleId :
 SB2(1-2)MS

Tot Ion:266 Resp: 5451
 Ion Ratio Lower Upper
 266 100
 268 63.0 52.0 78.0
 264 62.1 49.0 73.4

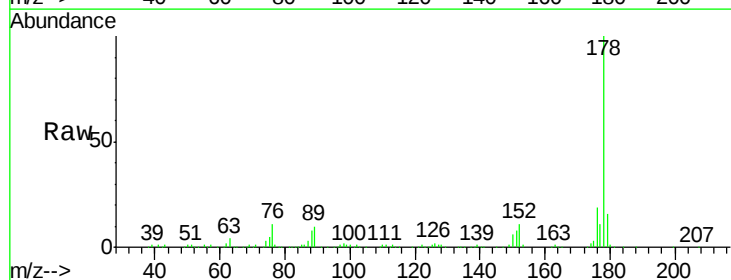


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

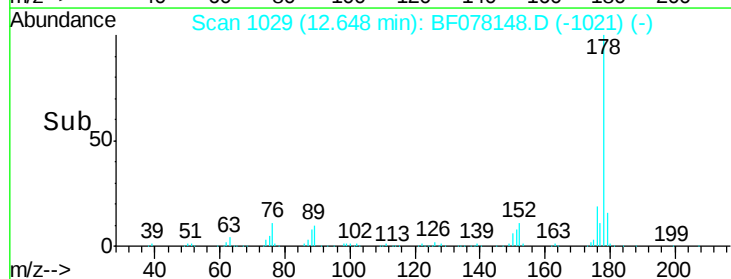
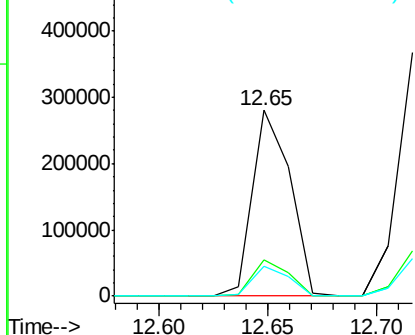


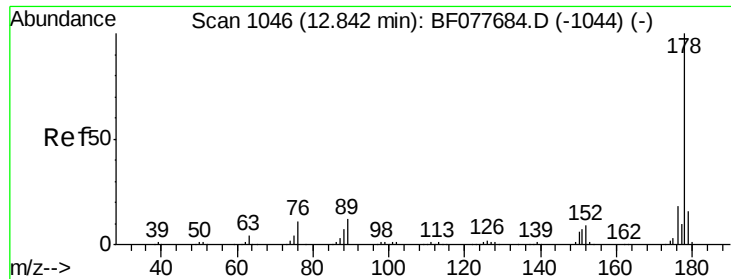
#70
 Phenanthrene
 Concen: 34.18 ng
 RT: 12.65 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF078148.D
 Acq: 1 Apr 2015 9:18

Tgt Ion:178 Resp: 338638
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.2 22.8
 179 15.8 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

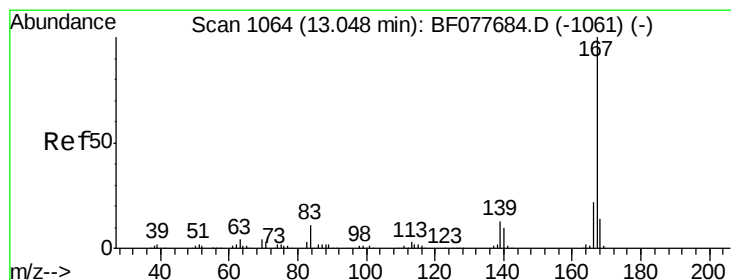
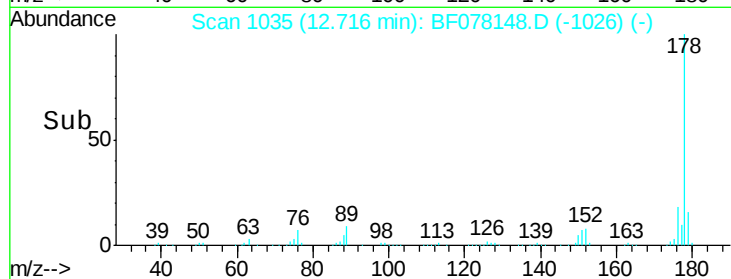
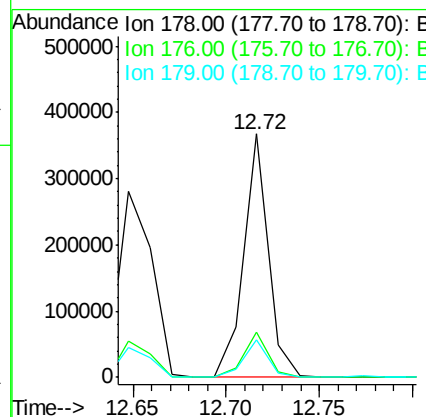
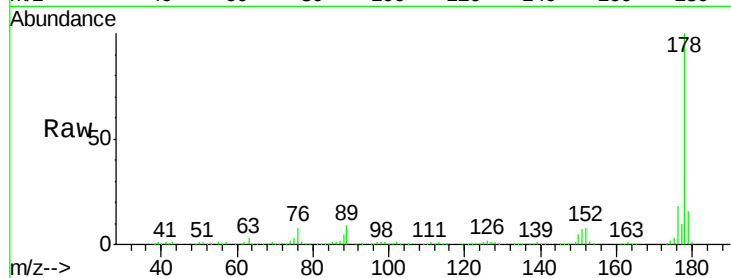




#71
 Anthracene
 Concen: 34.40 ng
 RT: 12.72 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF078148.D
 Acq: 1 Apr 2015 9:18

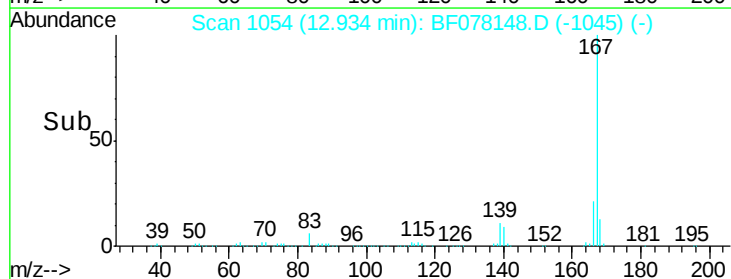
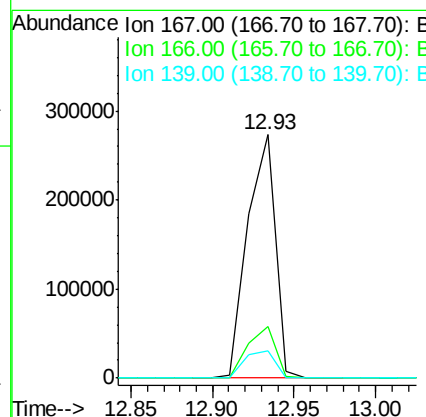
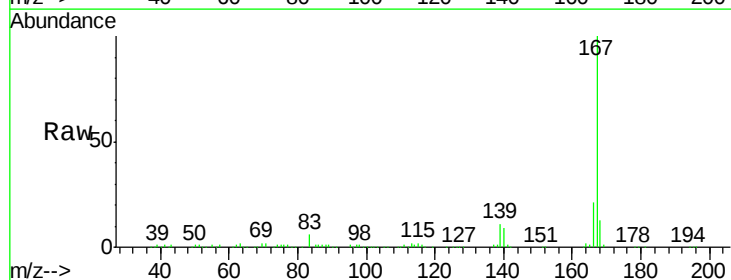
Instrument :
 BNA_F
 ClientSampleId :
 SB2(1-2)MS

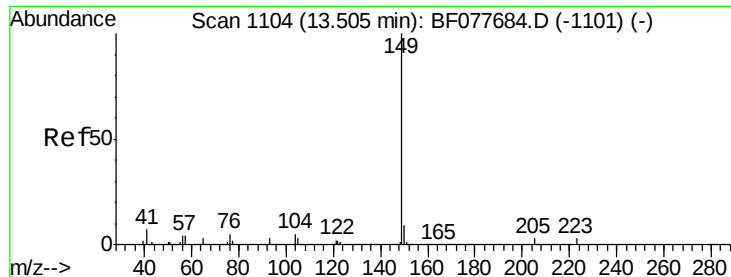
Tot Ion:178 Resp: 336761
 Ion Ratio Lower Upper
 178 100
 176 18.4 14.6 22.0
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 34.65 ng
 RT: 12.93 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BF078148.D
 Acq: 1 Apr 2015 9:18

Tgt Ion:167 Resp: 322666
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.2 25.8
 139 11.3 10.8 16.2

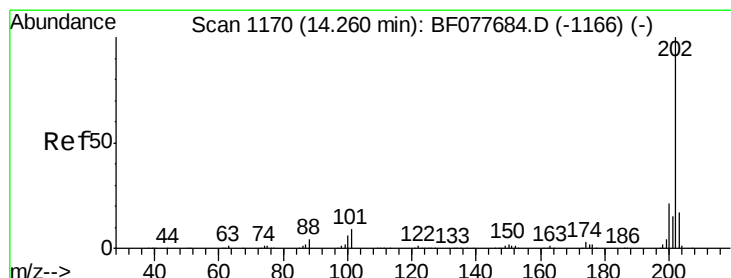
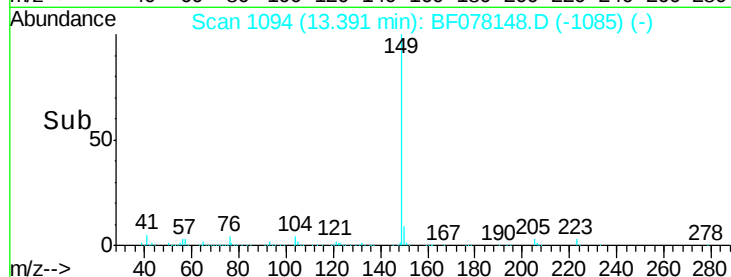
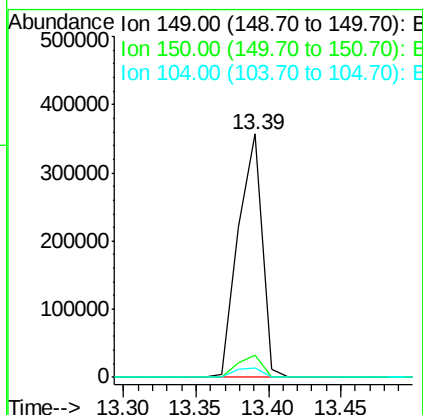
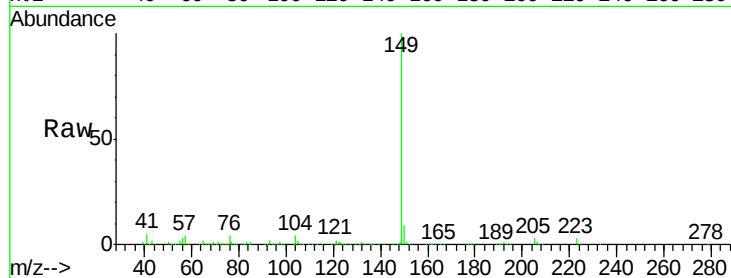




#73
Di-n-butylphthalate
Concen: 39.05 ng
RT: 13.39 min Scan# 1094
Delta R.T. -0.00 min
Lab File: BF078148.D
Acq: 1 Apr 2015 9:18

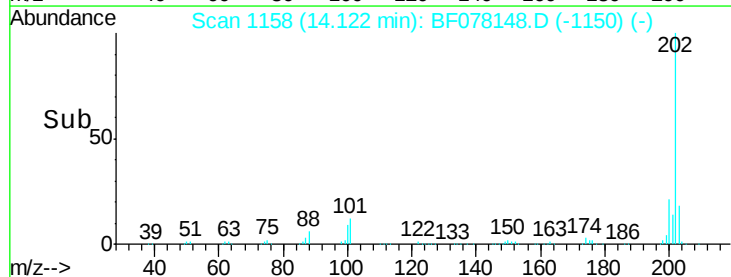
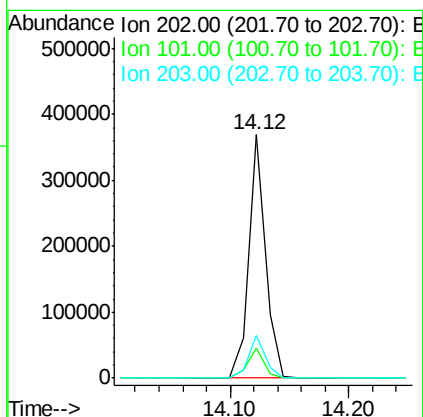
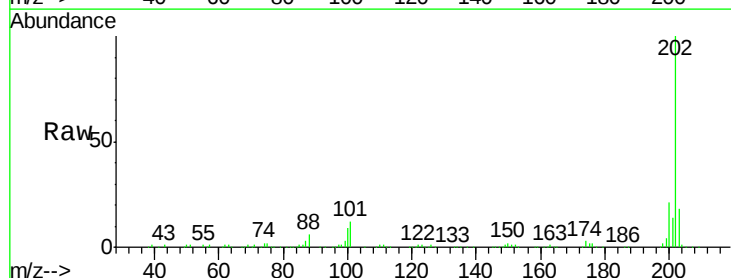
Instrument :
BNA_F
ClientSampleId :
SB2(1-2)MS

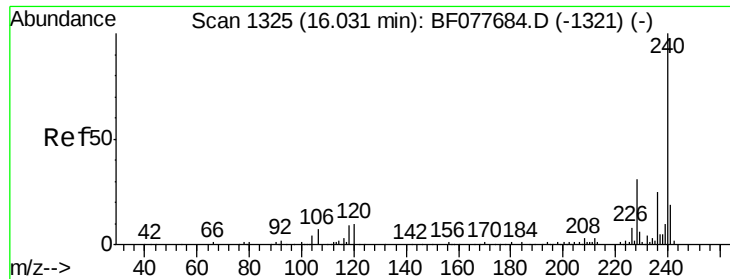
Tot Ion:149 Resp: 407667
Ion Ratio Lower Upper
149 100
150 8.9 7.5 11.3
104 3.9 3.7 5.5



#74
Fluoranthene
Concen: 33.44 ng
RT: 14.12 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF078148.D
Acq: 1 Apr 2015 9:18

Tgt Ion:202 Resp: 365442
Ion Ratio Lower Upper
202 100
101 12.3 0.0 28.7
203 17.7 0.0 37.2

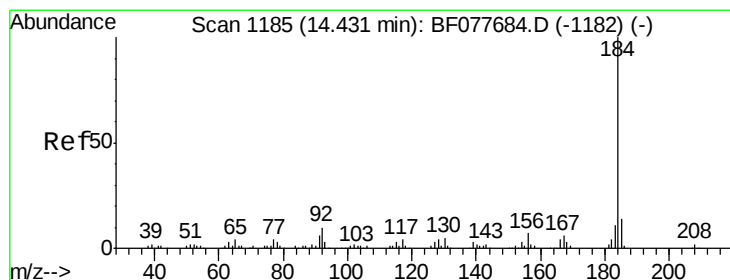
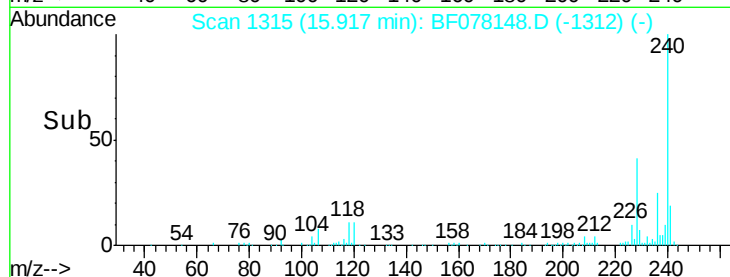
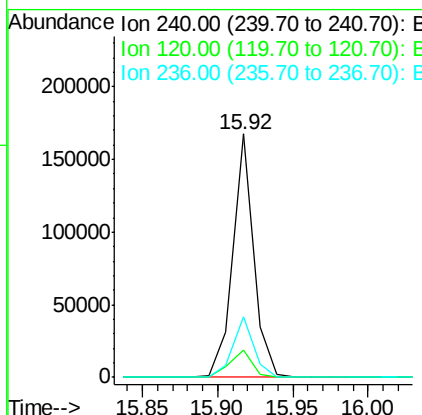
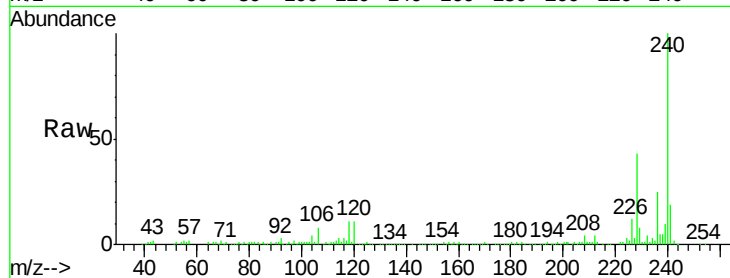




#75
 Chrysene-d12
 Concen: 20.00 ng/mL
 RT: 15.92 min Scan# 1315
 Delta R.T. -0.07 min
 Lab File: BF078148.D
 Acq: 1 Apr 2015 9:18

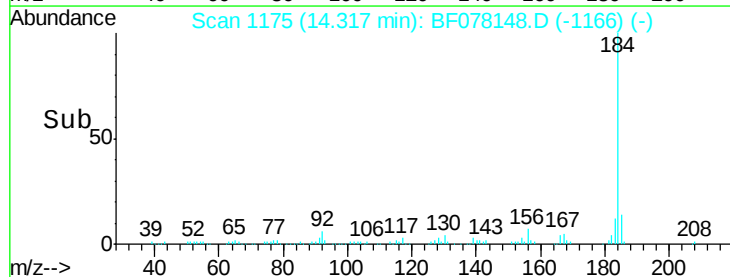
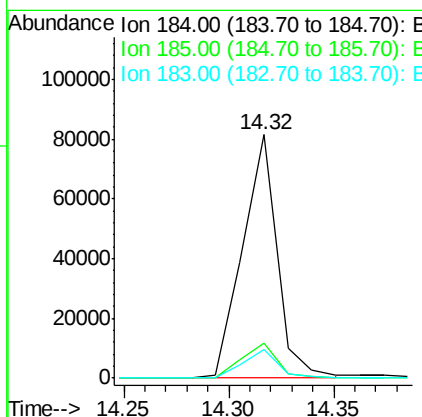
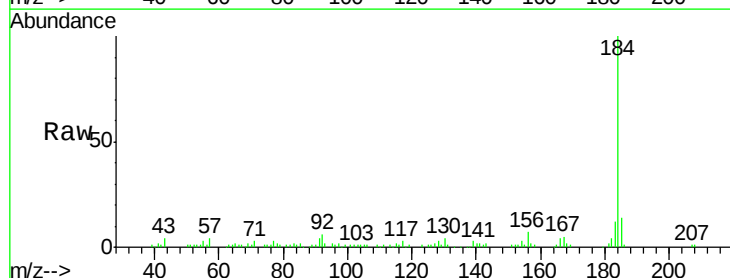
Instrument :
 BNA_F
 ClientSampleId :
 SB2(1-2)MS

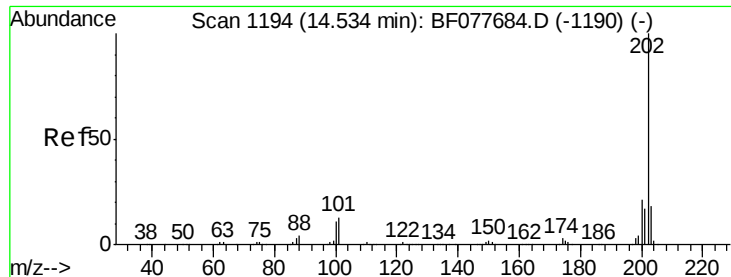
Tot Ion:240 Resp: 163379
 Ion Ratio Lower Upper
 240 100
 120 11.4 8.2 12.2
 236 25.0 20.0 30.0



#76
 Benzidine
 Concen: 22.62 ng/mL
 RT: 14.32 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BF078148.D
 Acq: 1 Apr 2015 9:18

Tgt Ion:184 Resp: 92262
 Ion Ratio Lower Upper
 184 100
 185 14.3 11.3 16.9
 183 12.0 8.9 13.3





#77

Pvrene

Concen: 36.21 ng/mL

RT: 14.40 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF078148.D

Acq: 1 Apr 2015 9:18

Instrument :

BNA_F

ClientSampleId :

SB2(1-2)MS

Tot Ion: 202 Resp: 372026

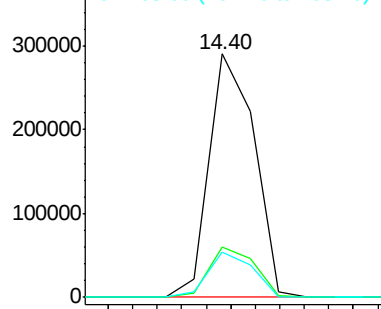
Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3
203	18.8	14.1	21.1

Abundance

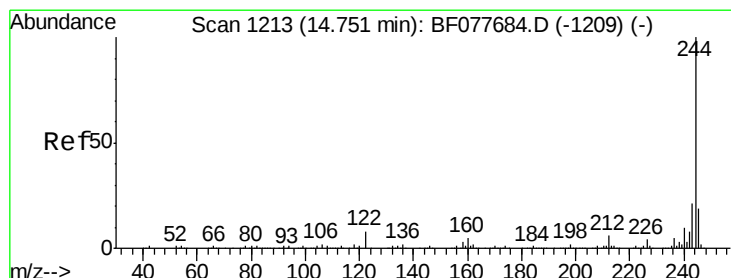
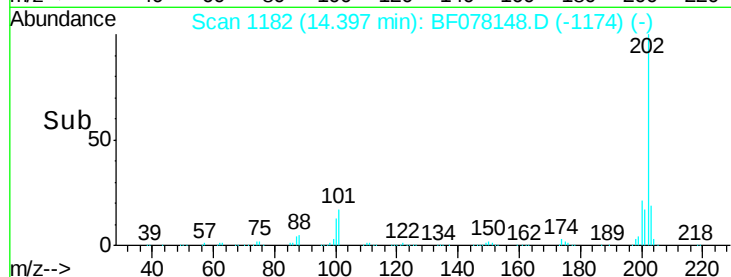
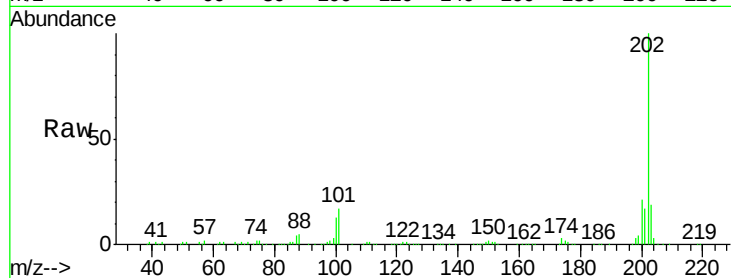
Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 68.38 ng/mL

RT: 14.61 min Scan# 1201

Delta R.T. -0.02 min

Lab File: BF078148.D

Acq: 1 Apr 2015 9:18

Tgt Ion: 244 Resp: 457382

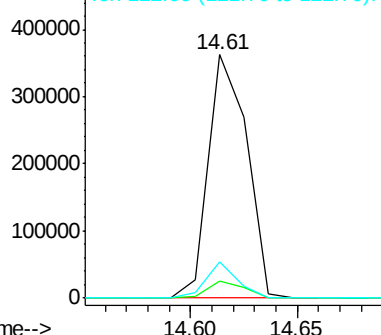
Ion	Ratio	Lower	Upper
244	100		
212	6.9	4.9	7.3
122	15.0	6.2	9.4

Abundance

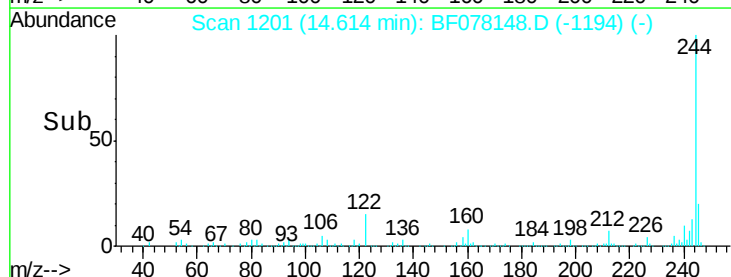
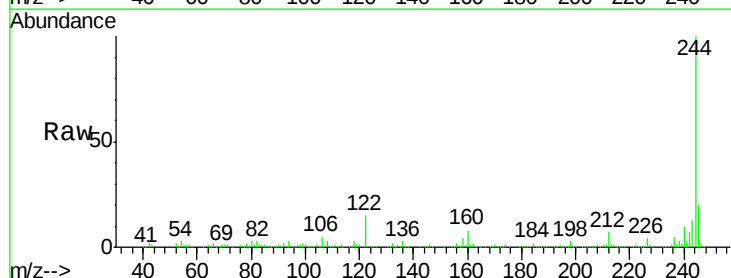
Ion 244.00 (243.70 to 244.70): E

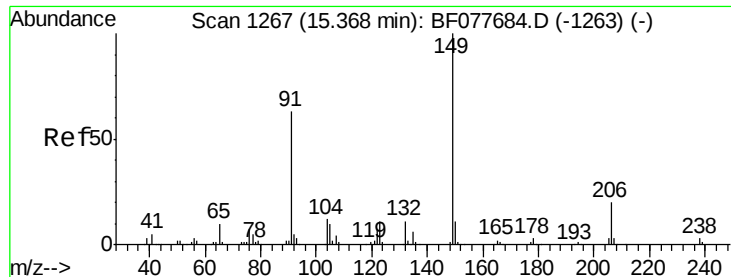
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->

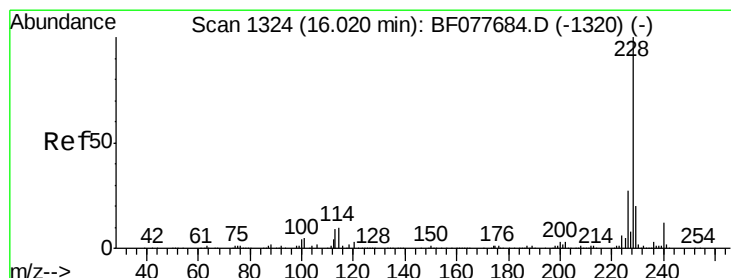
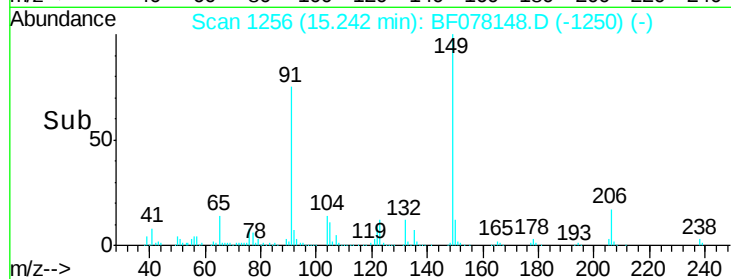
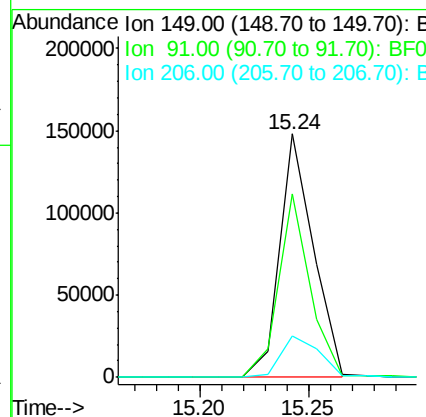
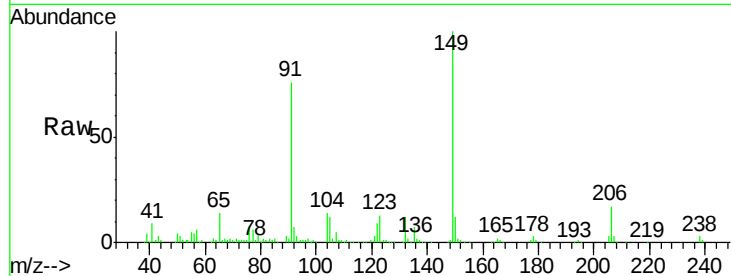




#79
Butylbenzylphthalate
Concen: 39.81 ng
RT: 15.24 min Scan# 1256
Delta R.T. -0.03 min
Lab File: BF078148.D
Acq: 1 Apr 2015 9:18

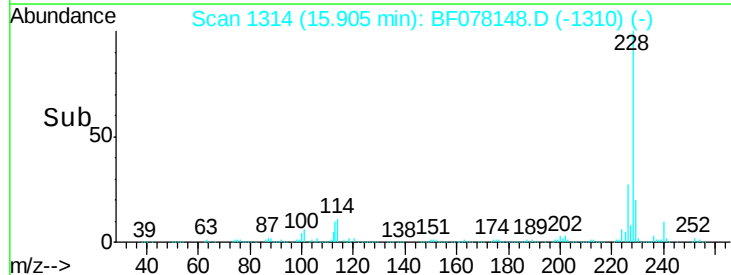
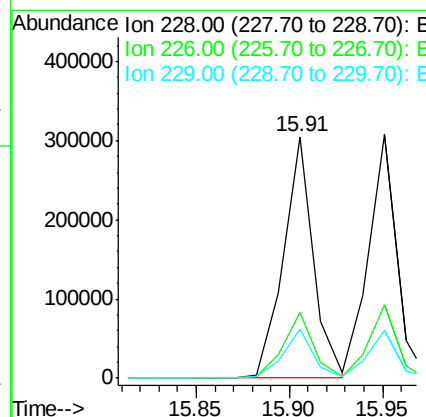
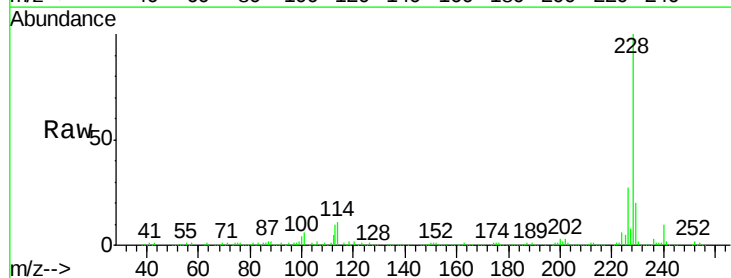
Instrument :
BNA_F
ClientSampleId :
SB2(1-2)MS

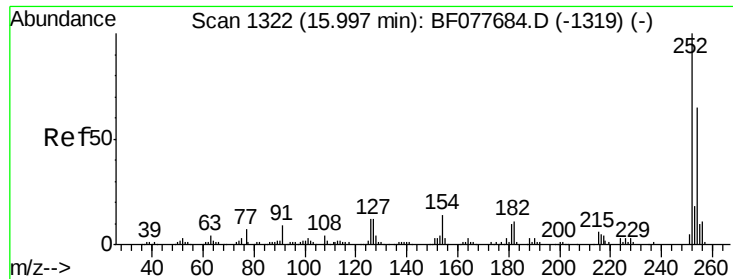
Tot Ion:149 Resp: 161259
Ion Ratio Lower Upper
149 100
91 75.6 50.1 75.1#
206 17.2 16.2 24.2



#80
Benzo(a)anthracene
Concen: 35.16 ng
RT: 15.91 min Scan# 1314
Delta R.T. -0.06 min
Lab File: BF078148.D
Acq: 1 Apr 2015 9:18

Tgt Ion:228 Resp: 340561
Ion Ratio Lower Upper
228 100
226 27.1 21.7 32.5
229 20.1 16.0 24.0

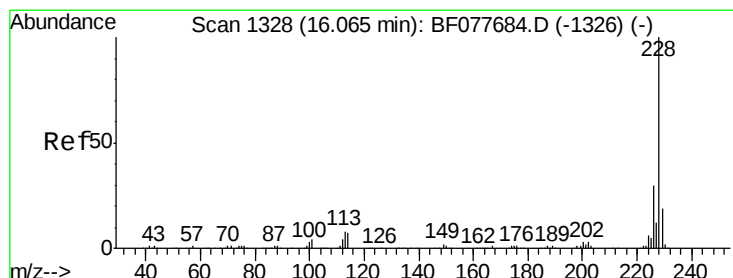
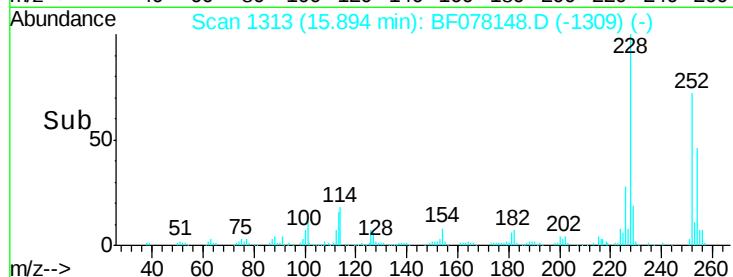
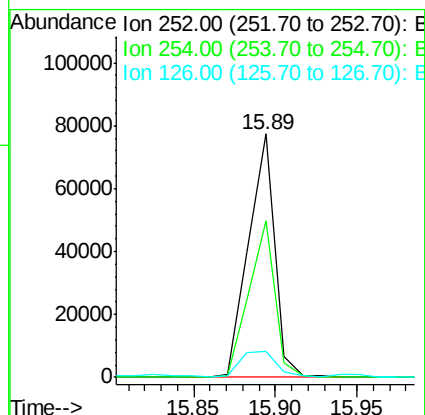
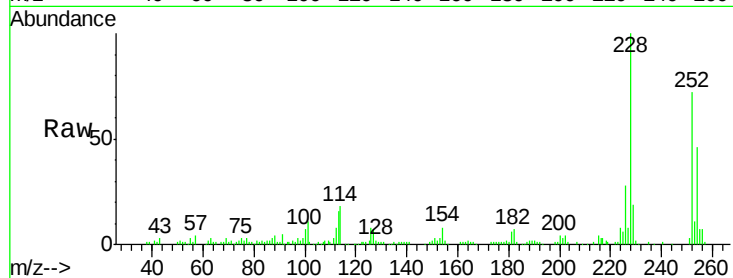




#81
 3,3'-Dichlorobenzidine
 Concen: 27.03 ng
 RT: 15.89 min Scan# 1313
 Delta R.T. -0.06 min
 Lab File: BF078148.D
 Acq: 1 Apr 2015 9:18

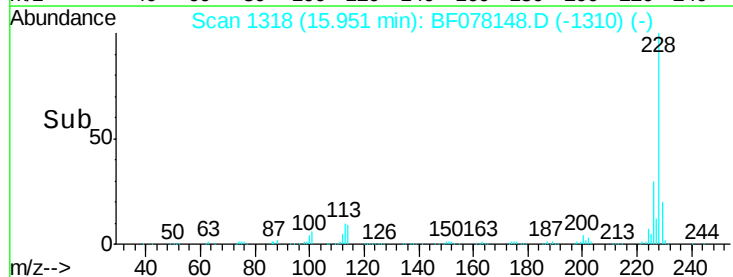
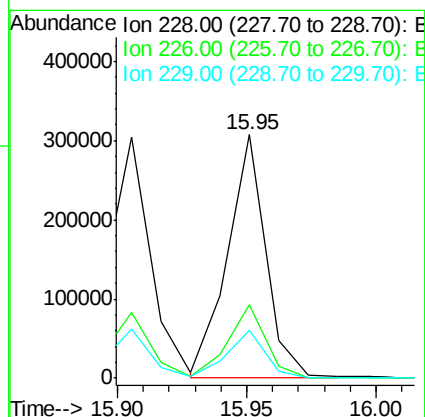
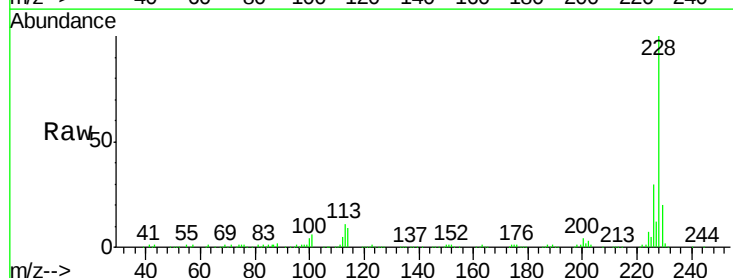
Instrument :
 BNA_F
 ClientSampleId :
 SB2(1-2)MS

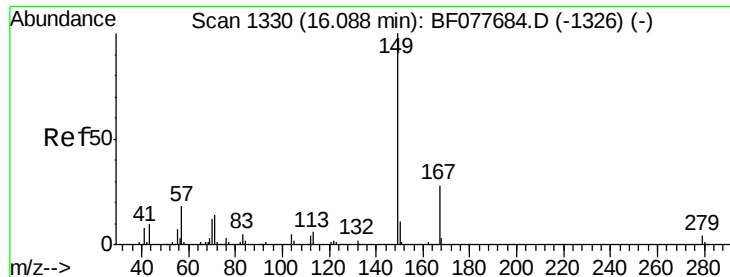
Tot Ion:252 Resp: 86355
 Ion Ratio Lower Upper
 252 100
 254 64.1 51.9 77.9
 126 10.9 9.8 14.8



#82
 Chrysene
 Concen: 36.59 ng m
 RT: 15.95 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF078148.D
 Acq: 1 Apr 2015 9:18

Tgt Ion:228 Resp: 318609
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.1 36.1
 229 19.8 15.5 23.3

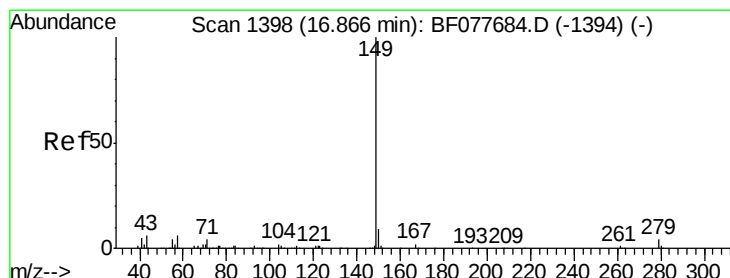
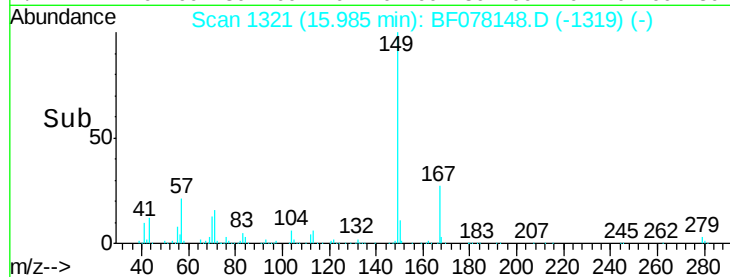
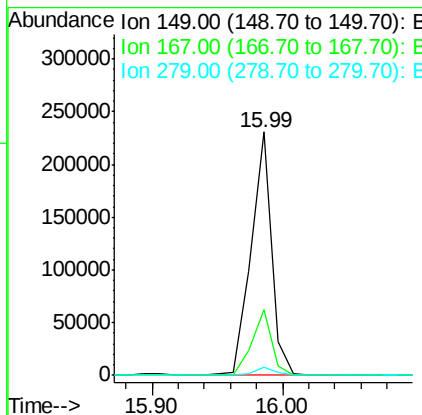
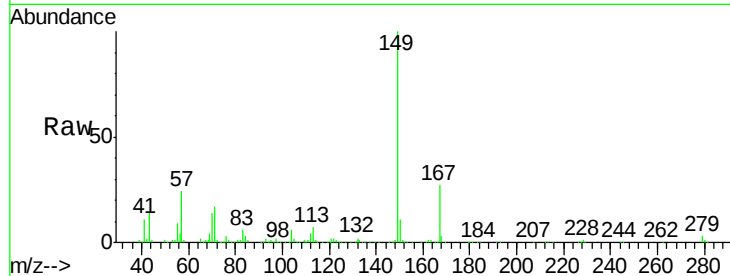




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.81 ng
 RT: 15.99 min Scan# 1321
 Delta R.T. -0.08 min
 Lab File: BF078148.D
 Acq: 1 Apr 2015 9:18

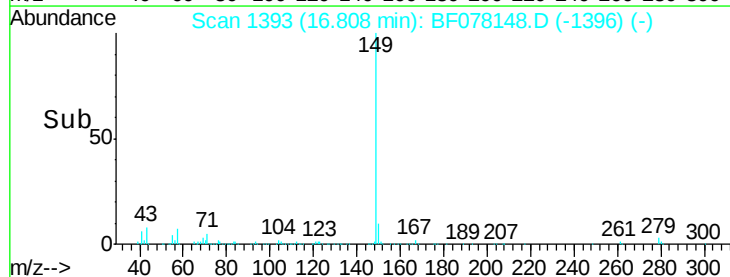
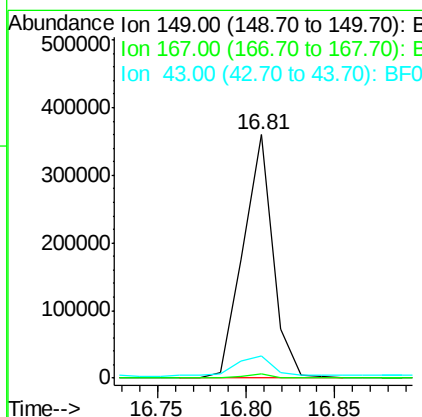
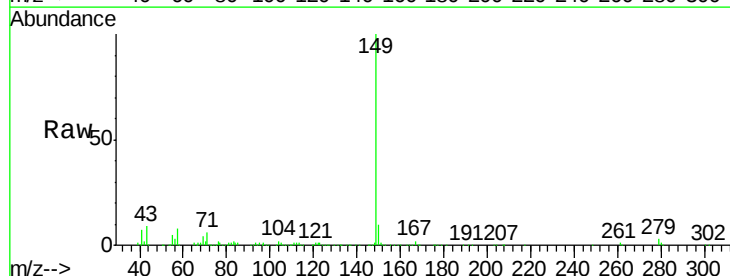
Instrument :
 BNA_F
 ClientSampleId :
 SB2(1-2)MS

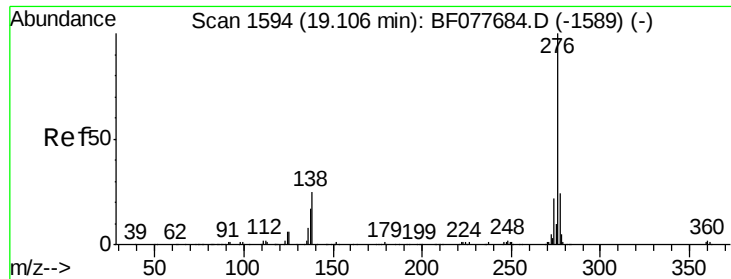
Tot Ion:149 Resp: 250413
 Ion Ratio Lower Upper
 149 100
 167 26.7 22.4 33.6
 279 3.2 3.4 5.0#



#84
 Di-n-octyl phthalate
 Concen: 40.77 ng m
 RT: 16.81 min Scan# 1393
 Delta R.T. -0.14 min
 Lab File: BF078148.D
 Acq: 1 Apr 2015 9:18

Tgt Ion:149 Resp: 427735
 Ion Ratio Lower Upper
 149 100
 167 1.3 1.2 1.8
 43 0.0 7.3 10.9#

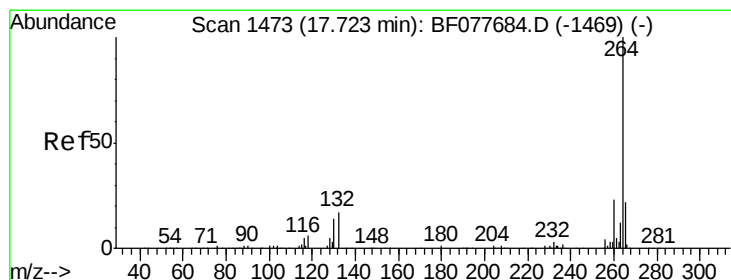
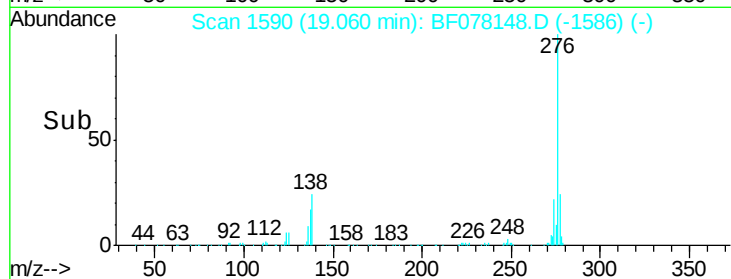
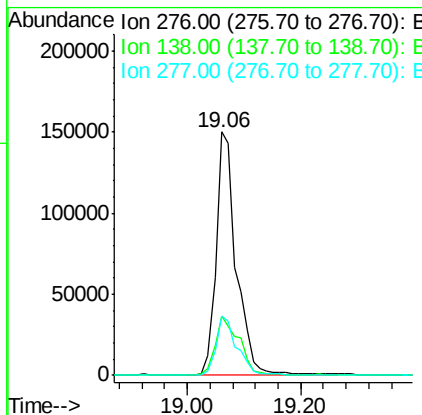
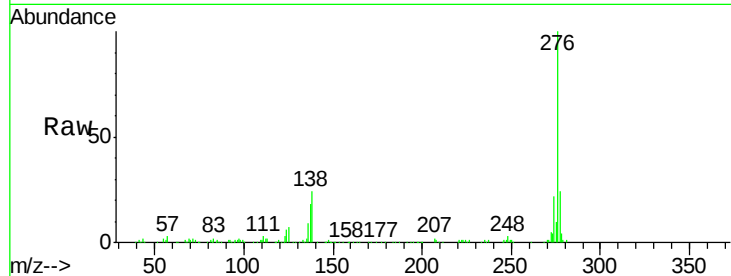




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.14 ng
 RT: 19.06 min Scan# 1590
 Delta R.T. -0.25 min
 Lab File: BF078148.D
 Acq: 1 Apr 2015 9:18

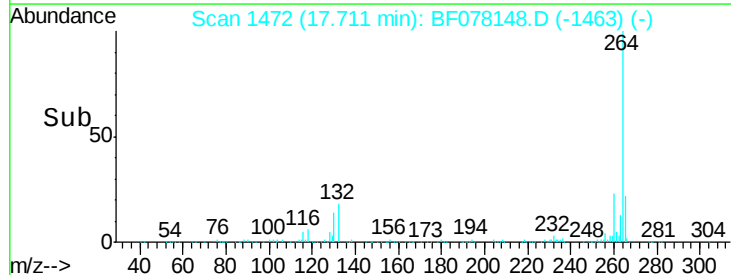
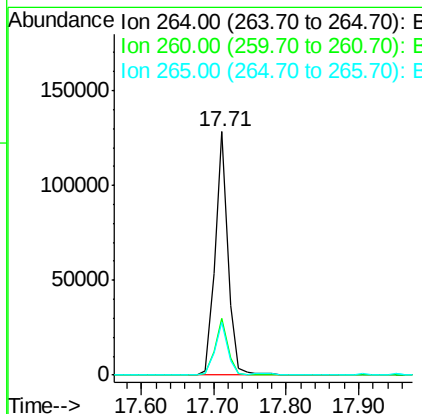
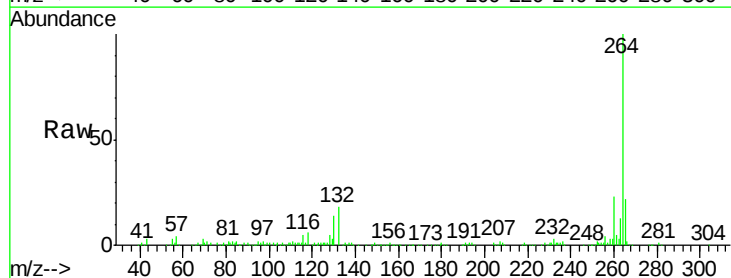
Instrument :
 BNA_F
 ClientSampleId :
 SB2(1-2)MS

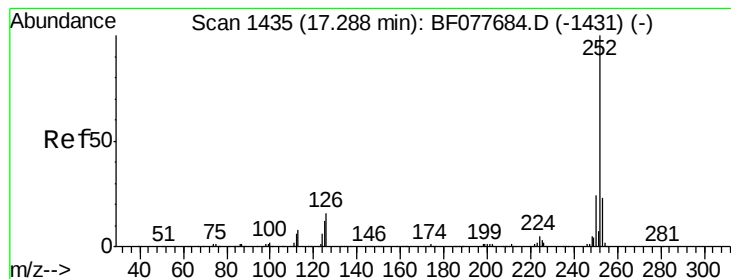
Tot Ion:276 Resp: 371074
 Ion Ratio Lower Upper
 276 100
 138 29.0 0.0 0.0#
 277 25.3 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.71 min Scan# 1472
 Delta R.T. -0.19 min
 Lab File: BF078148.D
 Acq: 1 Apr 2015 9:18

Tgt Ion:264 Resp: 158333
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 27.8
 265 21.8 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 33.28 ng

RT: 17.24 min Scan# 1431

Delta R.T. -0.16 min

Lab File: BF078148.D

Acq: 1 Apr 2015 9:18

Instrument :

BNA_F

ClientSampleId :

SB2(1-2)MS

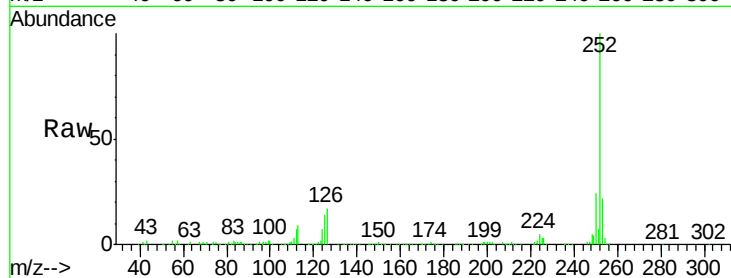
Tot Ion:252 Resp: 344030

Ion Ratio Lower Upper

252 100

253 22.4 18.0 27.0

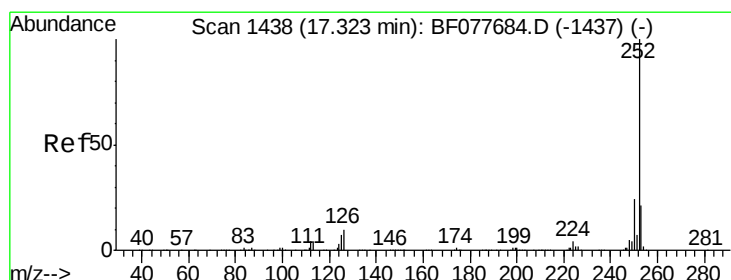
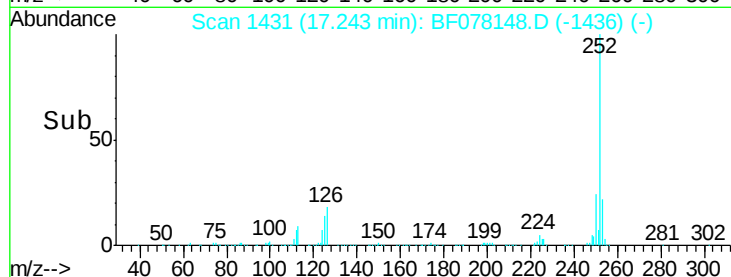
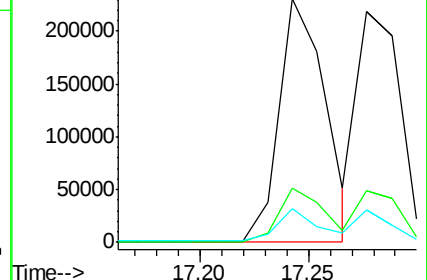
125 13.8 9.9 14.9



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



#88

Benzo(k)fluoranthene

Concen: 37.80 ng m

RT: 17.28 min Scan# 1434

Delta R.T. -0.16 min

Lab File: BF078148.D

Acq: 1 Apr 2015 9:18

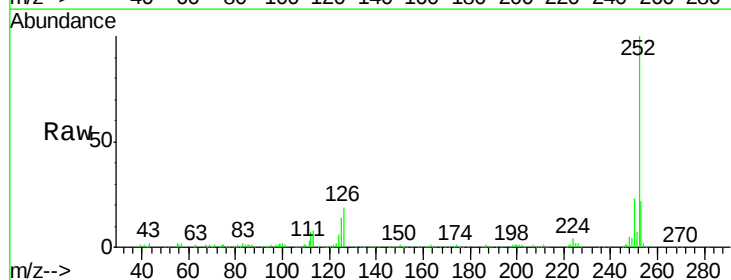
Tgt Ion:252 Resp: 305216

Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

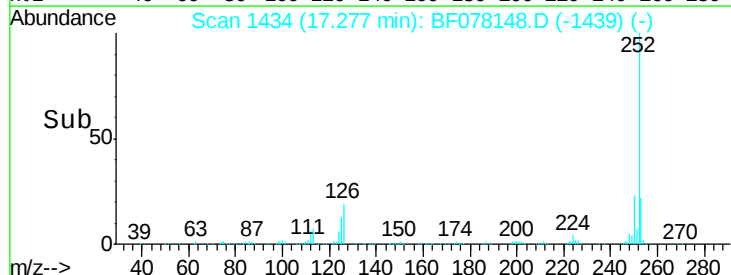
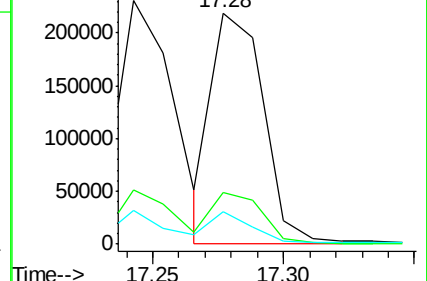
125 13.9 8.1 12.1#

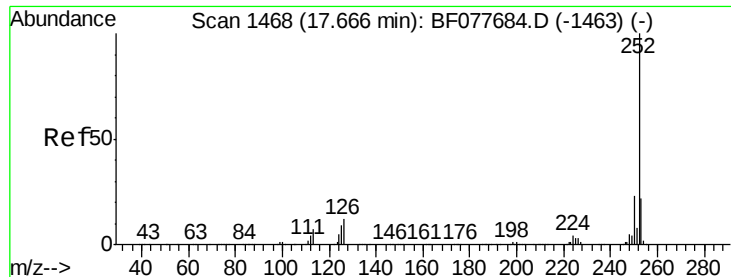


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

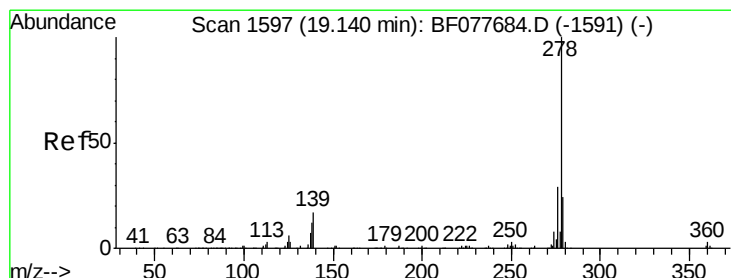
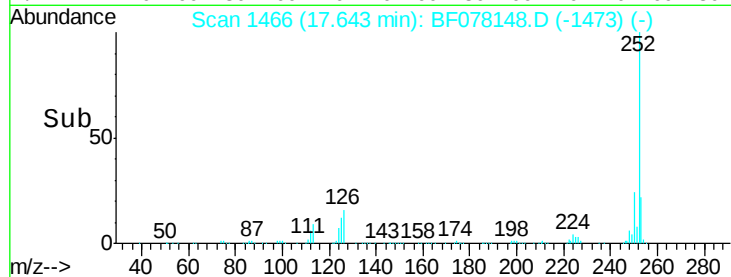
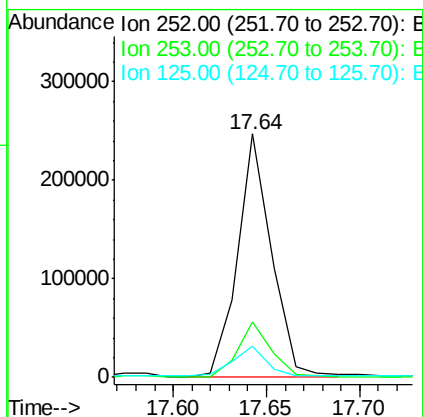
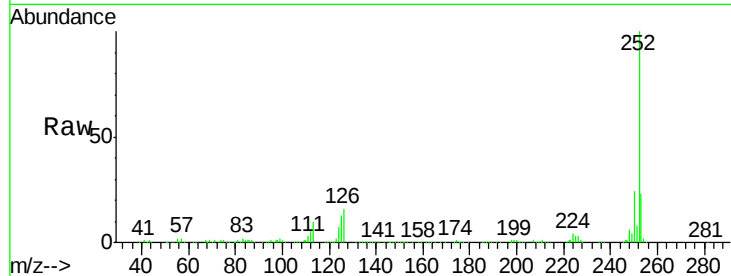




#89
Benzo(a)pyrene
Concen: 36.11 ng
RT: 17.64 min Scan# 1466
Delta R.T. -0.18 min
Lab File: BF078148.D
Acq: 1 Apr 2015 9:18

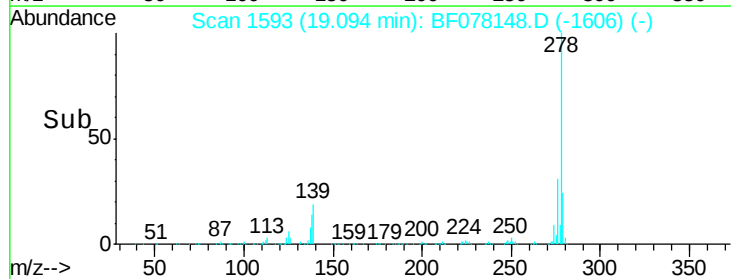
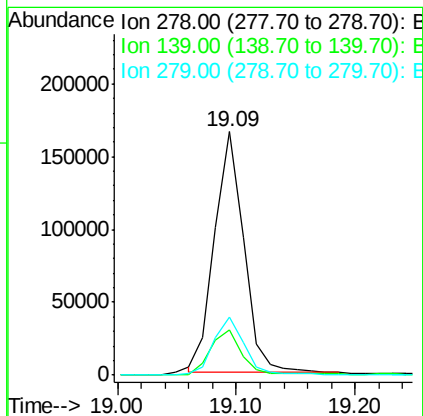
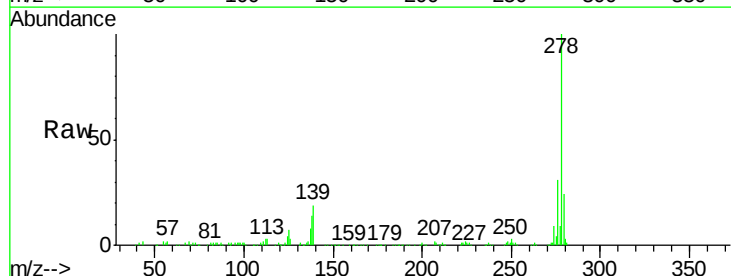
Instrument :
BNA_F
ClientSampleId :
SB2(1-2)MS

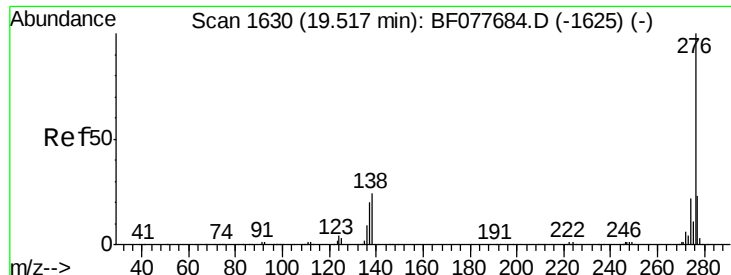
Tot Ion:252 Resp: 311424
Ion Ratio Lower Upper
252 100
253 22.6 17.6 26.4
125 12.6 7.4 11.2#



#90
Dibenzo(a,h)anthracene
Concen: 33.21 ng
RT: 19.09 min Scan# 1593
Delta R.T. -0.25 min
Lab File: BF078148.D
Acq: 1 Apr 2015 9:18

Tgt Ion:278 Resp: 284076
Ion Ratio Lower Upper
278 100
139 18.7 13.4 20.0
279 23.9 19.0 28.4





#91
 Benzo(a,h,i)perylene
 Concen: 33.91 ng
 RT: 19.46 min Scan# 1625
 Delta R.T. -0.24 min
 Lab File: BF078148.D
 Acq: 1 Apr 2015 9:18

Instrument :
 BNA_F
 ClientSampleId :
 SB2(1-2)MS

Tot Ion:	276	Resp:	295267
Ion Ratio	Lower	Upper	
276	100		
277	23.6	18.5	27.7
138	22.3	19.0	28.6

