

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021115\
 Data File : BF077257.D
 Acq On : 11 Feb 2015 16:59
 Operator : TP/IZ
 Sample : PB81702BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81702BS

Quant Time: Feb 12 00:06:14 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 10 13:30:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	69859	20.00	ng	-0.06
21) Naphthalene-d8	10.45	136	297736	20.00	ng	-0.05
38) Acenaphthene-d10	14.58	164	146689	20.00	ng	-0.05
63) Phenanthrene-d10	17.47	188	260901	20.00	ng	-0.03
75) Chrysene-d12	20.99	240	239633	20.00	ng	-0.02
86) Perylene-d12	22.67	264	208610	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	4.54	112	227903	53.64	ng	-0.05
7) Phenol-d6	6.97	99	284889	53.15	ng	-0.05
23) Nitrobenzene-d5	8.85	82	178858	33.28	ng	-0.05
41) 2,4,6-Tribromophenol	16.34	330	66424	55.78	ng	-0.03
44) 2-Fluorobiphenyl	13.12	172	367827	38.16	ng	-0.05
78) Terphenyl-d14	19.72	244	366566	35.22	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.05	88	20304	11.16	ng	# 96
3) Pyridine	1.47	79	62729	13.32	ng	95
4) n-Nitrosodimethylamine	1.44	42	30341	13.01	ng	# 96
6) Aniline	6.83	93	58301	7.86	ng	96
8) 2-Chlorophenol	7.07	128	80797	16.49	ng	98
10) Phenol	7.00	94	82943	14.57	ng	91
11) bis(2-Chloroethyl)ether	7.09	93	71859	16.14	ng	# 77
12) 1,3-Dichlorobenzene	7.38	146	81670	14.65	ng	97
13) 1,4-Dichlorobenzene	7.58	146	84117	14.23	ng	98
14) 1,2-Dichlorobenzene	7.89	146	81700	15.00	ng	99
15) Benzyl Alcohol	8.00	79	69530	16.03	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.35	45	100282	16.75	ng	75
17) 2-Methylphenol	8.36	107	60099	15.01	ng	96
18) Hexachloroethane	8.64	117	32016	15.58	ng	100
19) n-Nitroso-di-n-propylamine	8.64	70	58885	15.69	ng	97
20) 3+4-Methylphenols	8.75	107	61500	11.60	ng	95
22) Acetophenone	8.54	105	116825	16.02	ng	99
24) Nitrobenzene	8.90	77	82919	15.15	ng	96
25) Isophorone	9.50	82	155366	15.87	ng	95
26) 2-Nitrophenol	9.64	139	41062	15.87	ng	# 91
27) 2,4-Dimethylphenol	9.94	122	73004	17.24	ng	96
28) bis(2-Chloroethoxy)methane	10.13	93	95409	17.15	ng	99
29) 2,4-Dichlorophenol	10.26	162	62703	15.89	ng	93
30) 1,2,4-Trichlorobenzene	10.37	180	69784	15.92	ng	93
31) Naphthalene	10.50	128	240464	15.69	ng	99
32) Benzoic acid	10.35	122	15062	6.42	ng	98
33) 4-Chloroaniline	10.77	127	43129	6.96	ng	98
34) Hexachlorobutadiene	10.87	225	40979	15.76	ng	100
35) Caprolactam	11.62	113	14607	12.57	ng	# 73
36) 4-Chloro-3-methylphenol	12.09	107	69414	15.36	ng	96
37) 2-Methylnaphthalene	12.16	142	170850	16.32	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.56	216	68720	18.95	ng	97
40) Hexachlorocyclopentadiene	12.55	237	66599	36.74	ng	96
42) 2,4,6-Trichlorophenol	12.92	196	45527	17.23	ng	93

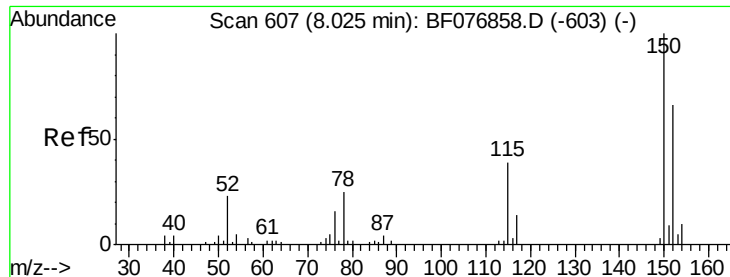
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021115\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.03	196	41037	15.23	ng	# 91
45) 1,1'-Biphenyl	13.31	154	200899	18.47	ng	99
46) 2-Chloronaphthalene	13.29	162	163322	18.25	ng	96
47) 2-Nitroaniline	13.64	65	49242	18.14	ng	87
48) Acenaphthylene	14.23	152	263294	17.44	ng	98
49) Dimethylphthalate	14.20	163	192970	18.55	ng	99
50) 2,6-Dinitrotoluene	14.29	165	38674	18.61	ng	91
51) Acenaphthene	14.65	154	148756	17.37	ng	97
52) 3-Nitroaniline	14.64	138	26036	11.05	ng	91
53) 2,4-Dinitrophenol	14.93	184	25866	34.38	ng	93
54) Dibenzofuran	15.08	168	231762	18.58	ng	98
55) 4-Nitrophenol	15.27	139	43022	26.38	ng	95
56) 2,4-Dinitrotoluene	15.23	165	55517	19.15	ng	95
57) Fluorene	15.85	166	191138	18.08	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.45	232	29192	14.88	ng	# 91
59) Diethylphthalate	15.87	149	204841	19.48	ng	100
60) 4-Chlorophenyl-phenylether	15.95	204	80404	18.59	ng	94
61) 4-Nitroaniline	16.02	138	37287	15.24	ng	96
62) Azobenzene	16.25	77	204093	18.63	ng	95
64) 4,6-Dinitro-2-methylphenol	16.10	198	23962	16.61	ng	# 74
65) n-Nitrosodiphenylamine	16.21	169	156686	16.84	ng	96
66) 4-Bromophenyl-phenylether	16.83	248	47872	18.11	ng	98
67) Hexachlorobenzene	16.84	284	45902	16.48	ng	# 78
68) Atrazine	17.23	200	50008	17.71	ng	95
69) Pentachlorophenol	17.23	266	27900	26.86	ng	97
70) Phenanthrene	17.51	178	258040	15.86	ng	99
71) Anthracene	17.59	178	260385	16.41	ng	99
72) Carbazole	17.88	167	252320	16.40	ng	99
73) Di-n-butylphthalate	18.49	149	329661	18.51	ng	99
74) Fluoranthene	19.16	202	261975	15.71	ng	99
76) Benzidine	19.41	184	111845	14.59	ng	98
77) Pyrene	19.45	202	271892	16.56	ng	99
79) Butylbenzylphthalate	20.40	149	139152	18.71	ng	95
80) Benzo(a)anthracene	20.98	228	252468	16.79	ng	99
81) 3,3'-Dichlorobenzidine	20.99	252	55539	11.62	ng	99
82) Chrysene	21.01	228	210326	15.34	ng	97
83) Bis(2-ethylhexyl)phthalate	21.14	149	201421	19.57	ng	99
84) Di-n-octyl phthalate	21.92	149	340037	19.04	ng	98
87) Benzo(b)fluoranthene	22.25	252	221098	15.74	ng	# 96
88) Benzo(k)fluoranthene	22.25	252	221098	18.01	ng	99
89) Benzo(a)pyrene	22.61	252	213257	17.21	ng	98

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

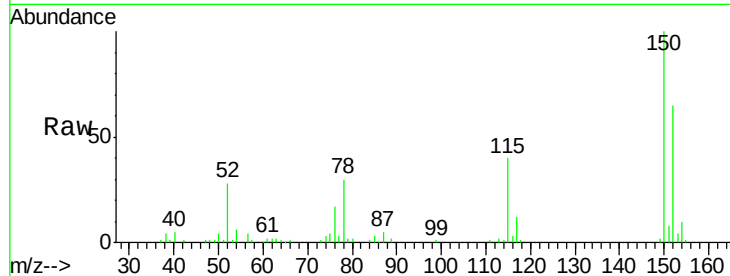


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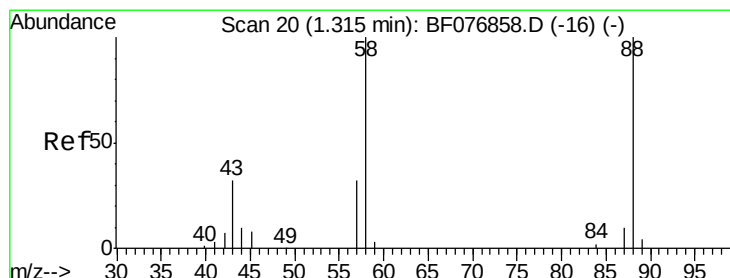
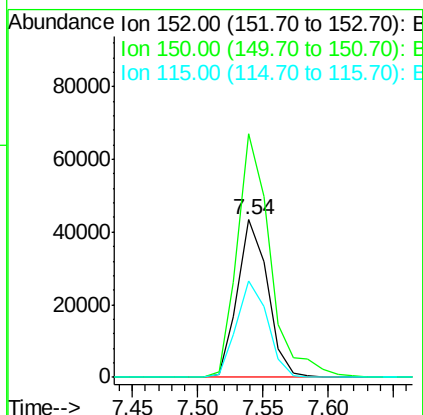
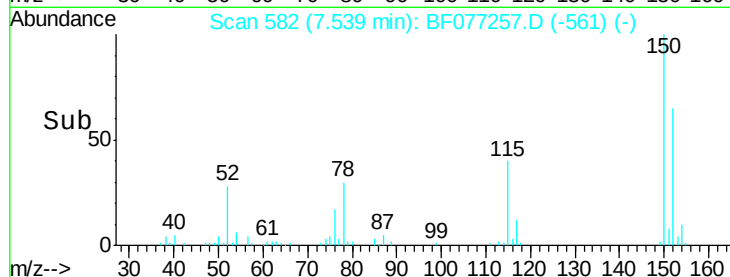
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.54 min Scan# 582
Delta R.T. -0.06 min
Lab File: BF077257.D
Acq: 11 Feb 2015 16:59

Instrument :
BNA_F
ClientSampleId :
PB81702BS

Tgt Ion:152 Resp: 69859
Ion Ratio Lower Upper
152 100
150 154.8 121.7 182.5
115 61.7 47.0 70.6



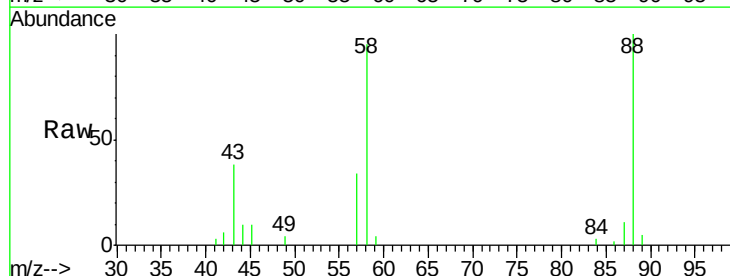
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



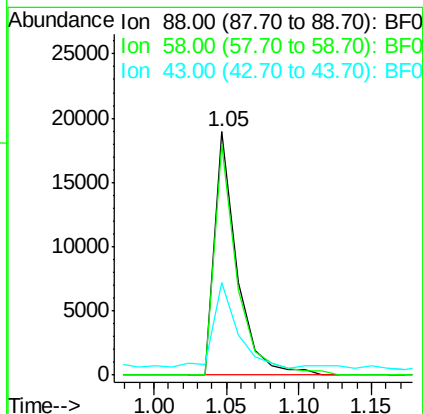
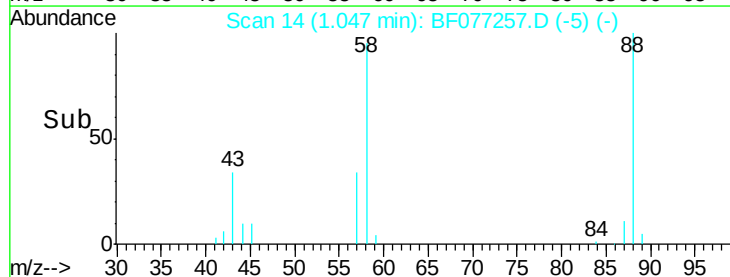
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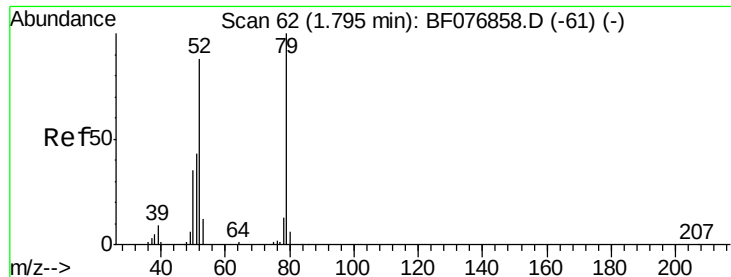
1,4-Dioxane
Concen: 11.16 ng
RT: 1.05 min Scan# 14
Delta R.T. 0.00 min
Lab File: BF077257.D
Acq: 11 Feb 2015 16:59

Tgt Ion: 88 Resp: 20304
Ion Ratio Lower Upper
88 100
58 96.4 77.0 115.4
43 40.6 25.6 38.4#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 13.32 ng

RT: 1.47 min Scan# 51

Delta R.T. 0.00 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

Instrument :

BNA_F

ClientSampleId :

PB81702BS

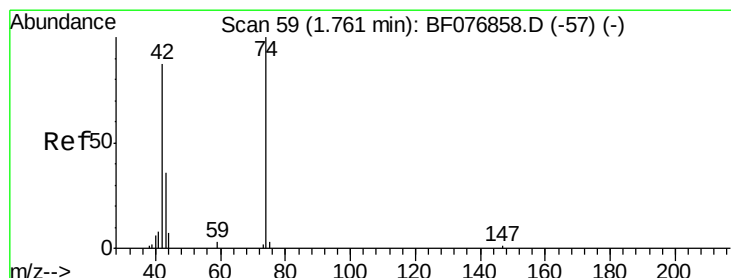
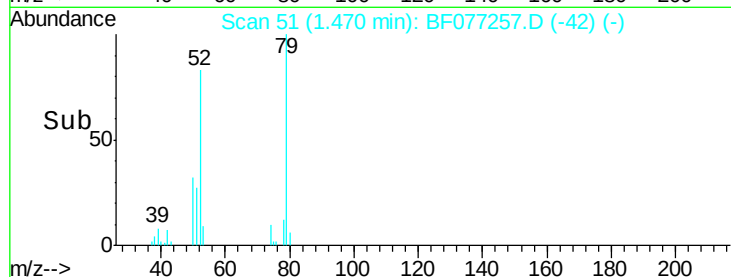
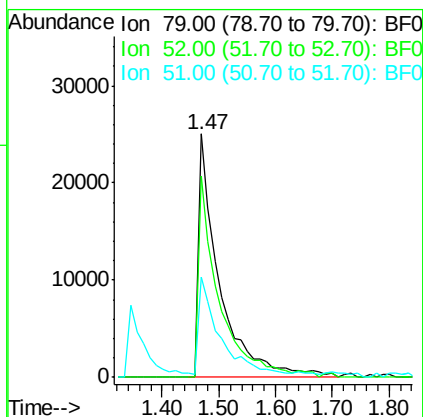
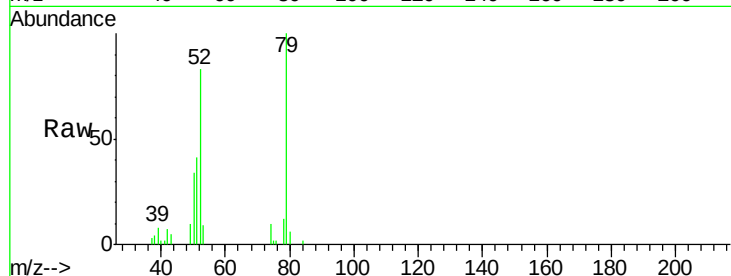
Tgt Ion: 79 Resp: 62729

Ion Ratio Lower Upper

79 100

52 82.6 70.1 105.1

51 41.2 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 13.01 ng

RT: 1.44 min Scan# 48

Delta R.T. 0.00 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

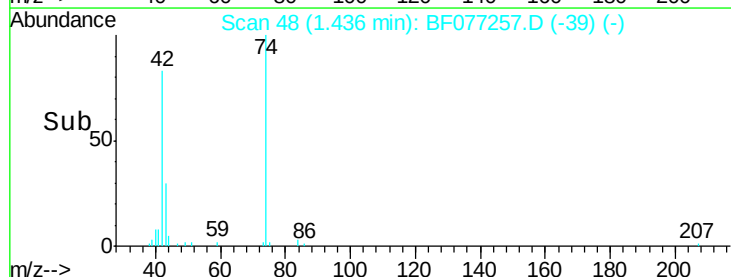
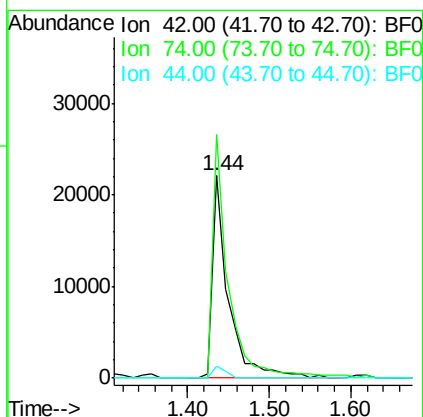
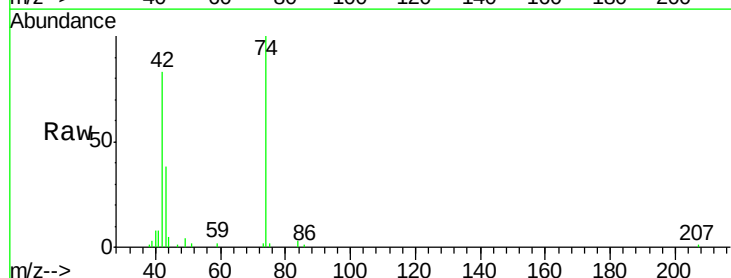
Tgt Ion: 42 Resp: 30341

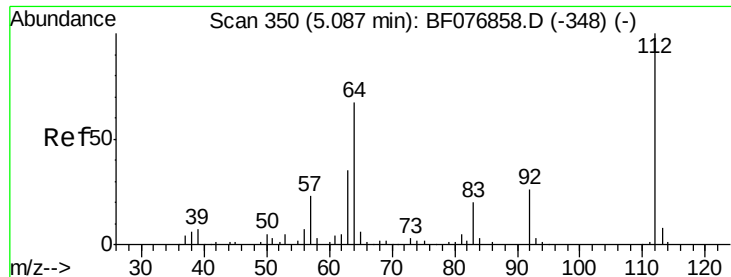
Ion Ratio Lower Upper

42 100

74 120.2 92.4 138.6

44 6.1 6.2 9.2#





#5

2-Fluorophenol

Concen: 53.64 ng

RT: 4.54 min Scan# 320

Delta R.T. -0.05 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

Instrument :

BNA_F

ClientSampleId :

PB81702BS

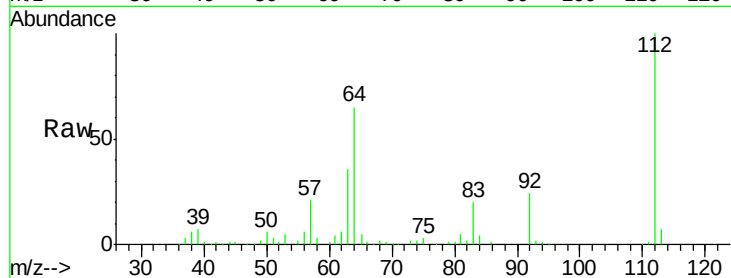
Tgt Ion: 112 Resp: 227903

Ion Ratio Lower Upper

112 100

64 64.6 54.2 81.4

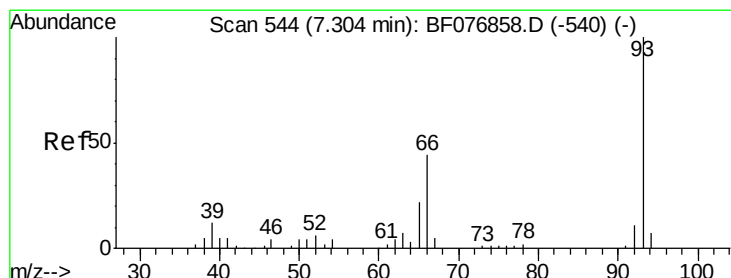
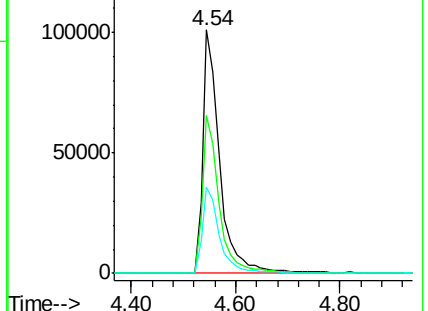
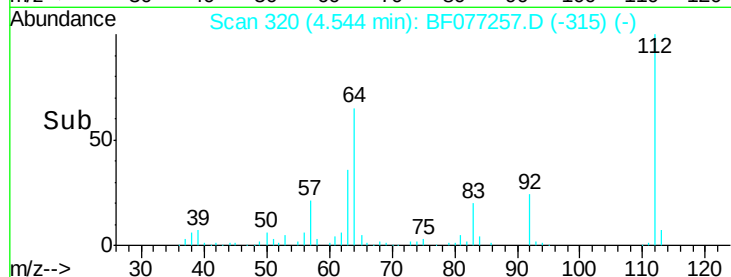
63 35.6 28.4 42.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 7.86 ng

RT: 6.83 min Scan# 520

Delta R.T. -0.05 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

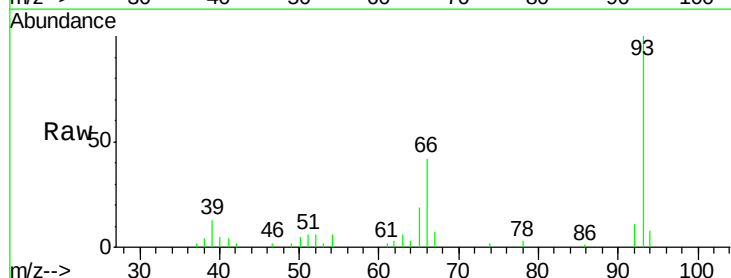
Tgt Ion: 93 Resp: 58301

Ion Ratio Lower Upper

93 100

66 42.1 35.0 52.4

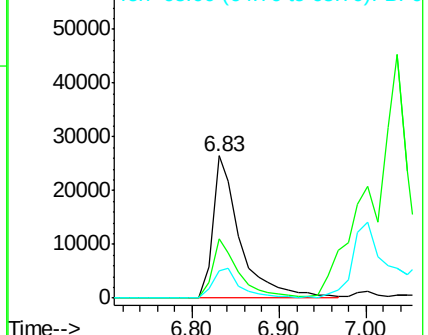
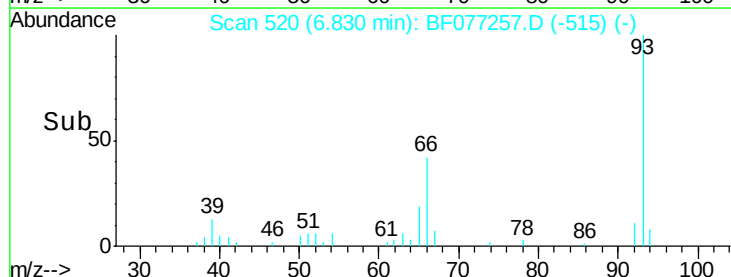
65 19.1 17.7 26.5

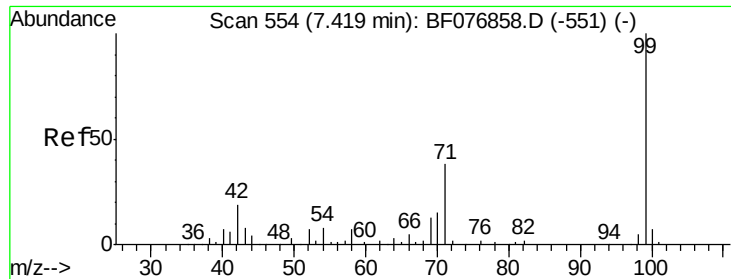


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 53.15 ng

RT: 6.97 min Scan# 532

Delta R.T. -0.05 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

Instrument :

BNA_F

ClientSampleId :

PB81702BS

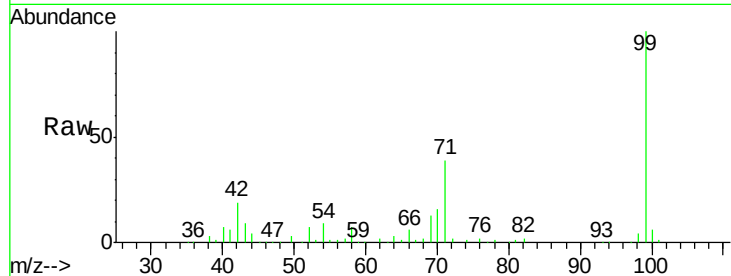
Tgt Ion: 99 Resp: 284889

Ion Ratio Lower Upper

99 100

42 19.4 15.0 22.4

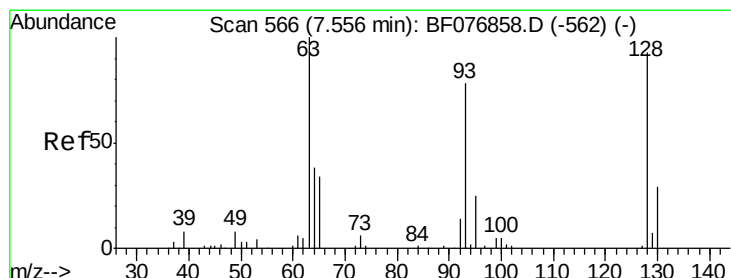
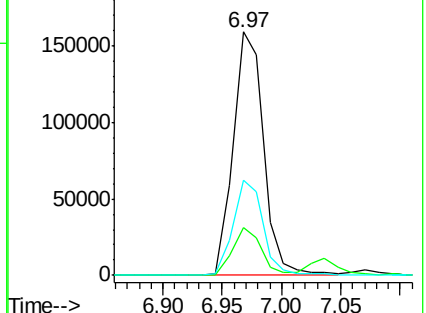
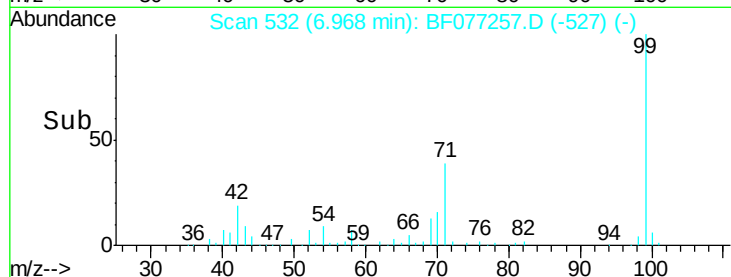
71 39.1 30.5 45.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 16.49 ng

RT: 7.07 min Scan# 541

Delta R.T. -0.06 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

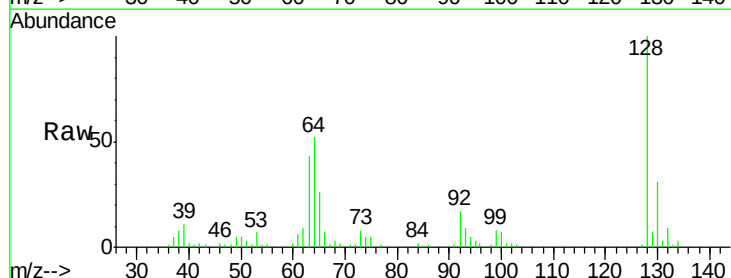
Tgt Ion: 128 Resp: 80797

Ion Ratio Lower Upper

128 100

130 30.8 11.0 51.0

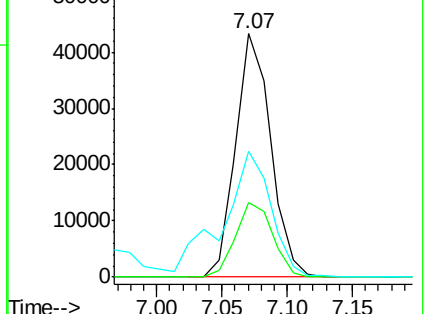
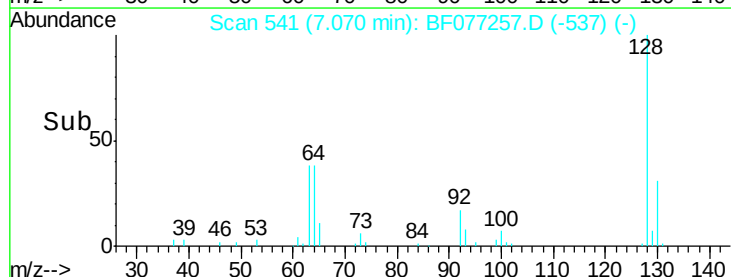
64 51.9 29.3 69.3

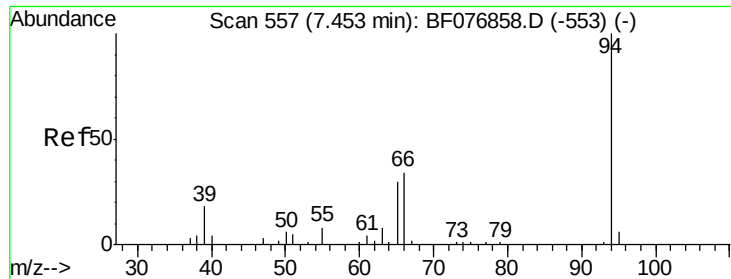


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#10

Phenol

Concen: 14.57 ng

RT: 7.00 min Scan# 535

Delta R.T. -0.03 min

Lab File: BF077257.D

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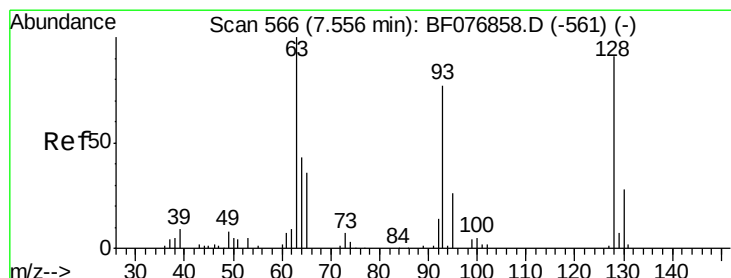
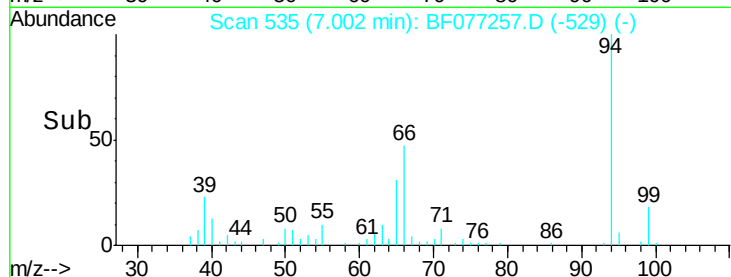
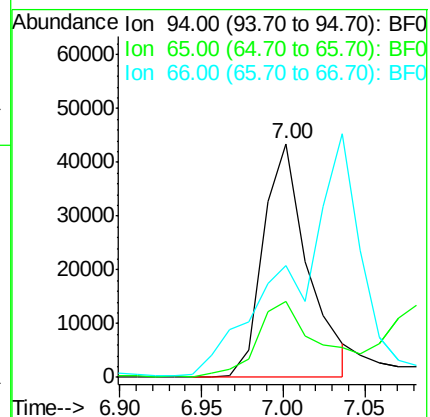
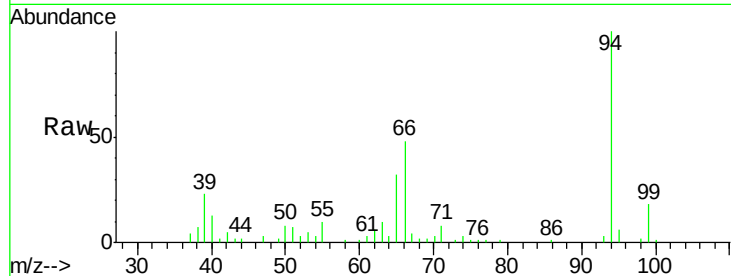
Tgt Ion: 94 Resp: 82943

Ion Ratio Lower Upper

94 100

65 32.3 11.3 51.3

66 48.0 19.5 59.5



#11

bis(2-Chloroethyl)ether

Concen: 16.14 ng

RT: 7.09 min Scan# 543

Delta R.T. -0.05 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

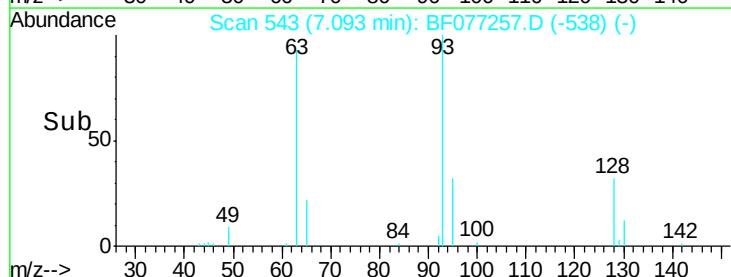
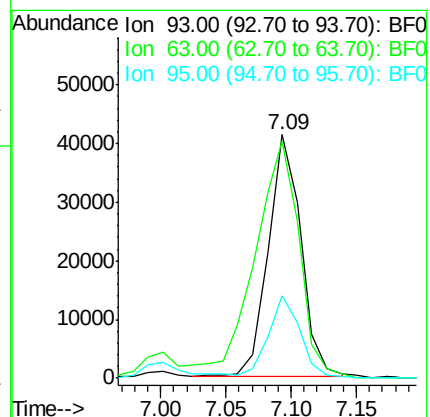
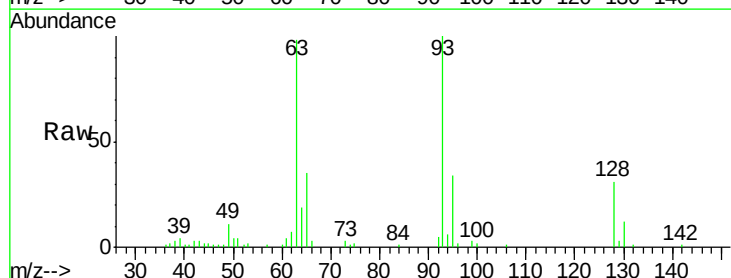
Tgt Ion: 93 Resp: 71859

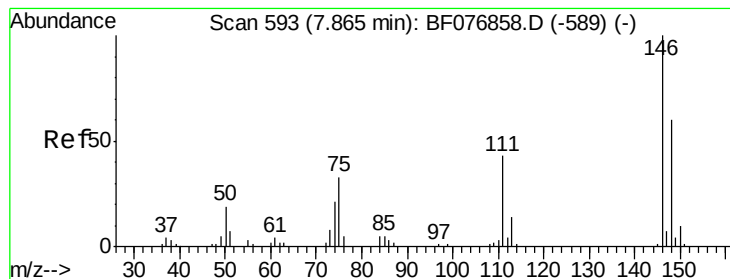
Ion Ratio Lower Upper

93 100

63 97.7 111.3 151.3#

95 33.8 13.8 53.8





#12

1,3-Dichlorobenzene

Concen: 14.65 ng

RT: 7.38 min Scan# 568

Delta R.T. -0.06 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

Instrument :

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PB81702BS

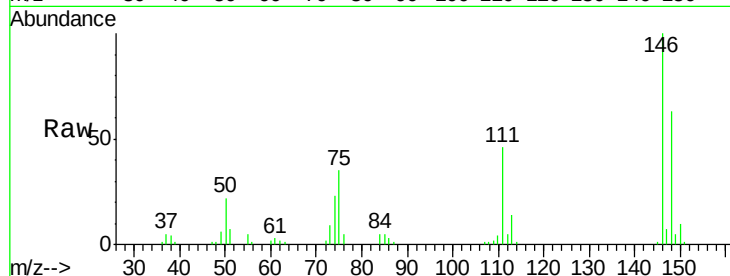
Tgt Ion:146 Resp: 81670

Ion Ratio Lower Upper

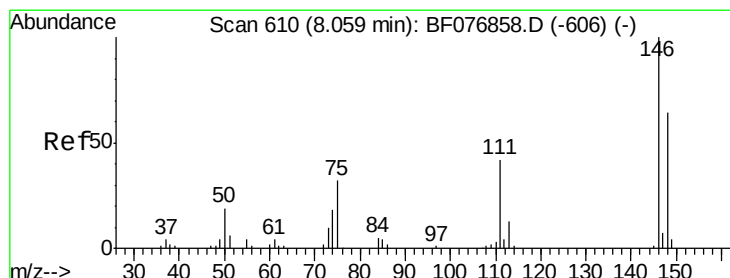
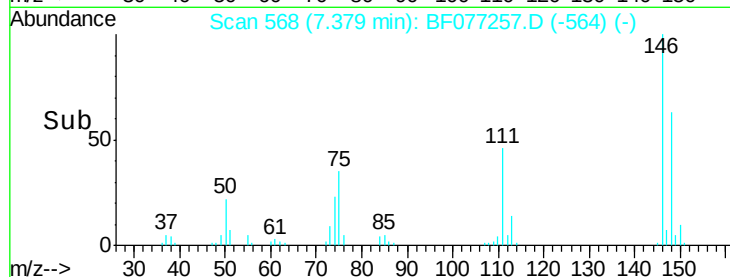
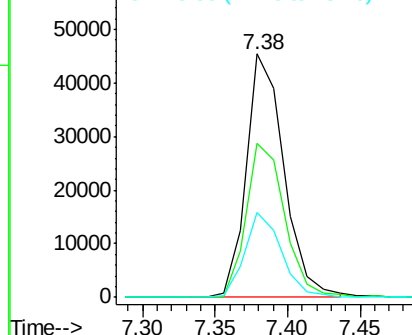
146 100

148 63.1 48.1 72.1

75 34.7 26.8 40.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 14.23 ng

RT: 7.58 min Scan# 586

Delta R.T. -0.05 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

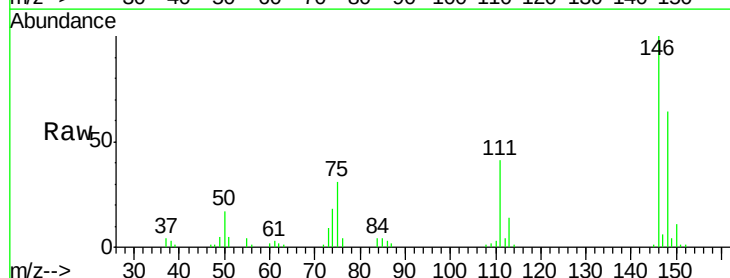
Tgt Ion:146 Resp: 84117

Ion Ratio Lower Upper

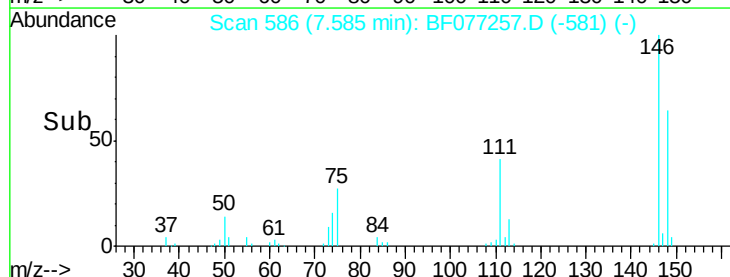
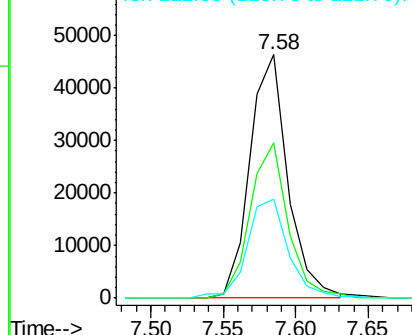
146 100

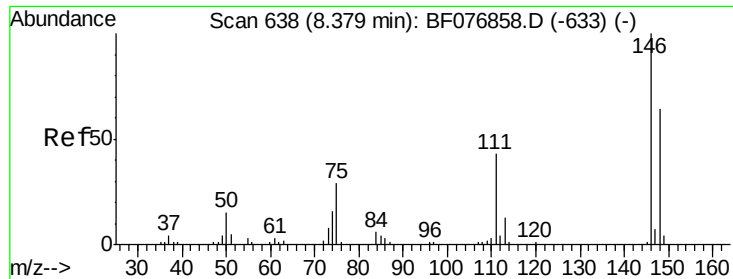
148 63.7 51.5 77.3

111 40.5 33.9 50.9



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

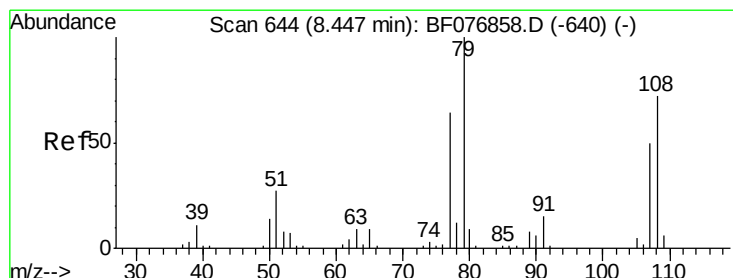
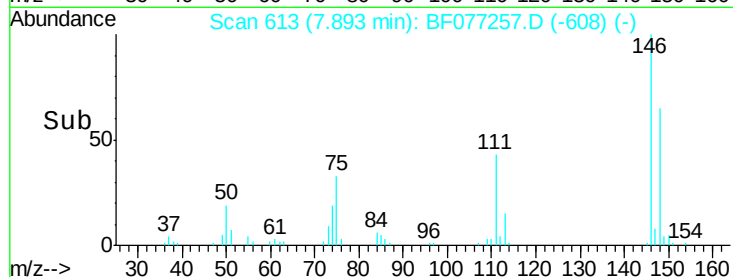
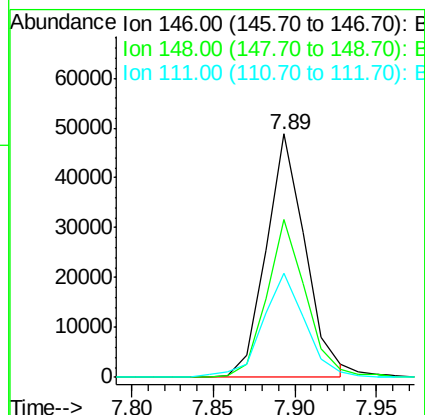
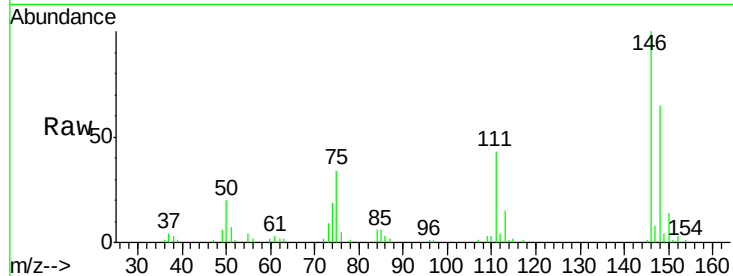




#14
 1,2-Dichlorobenzene
 Concen: 15.00 ng
 RT: 7.89 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF077257.D
 Acq: 11 Feb 2015 16:59

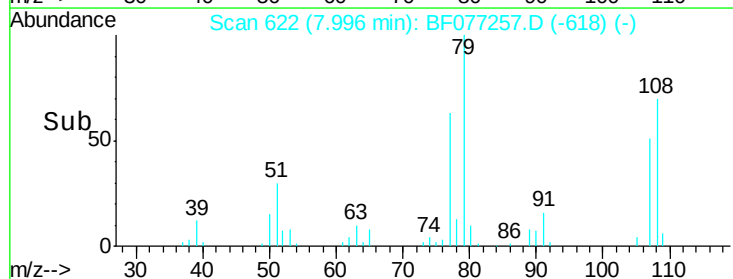
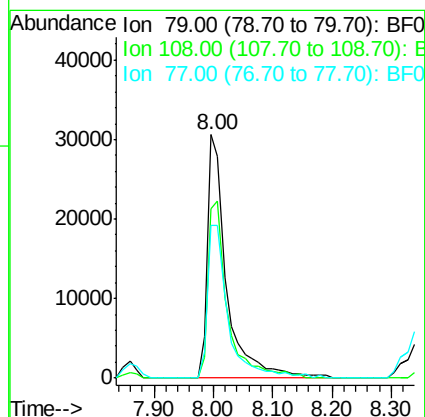
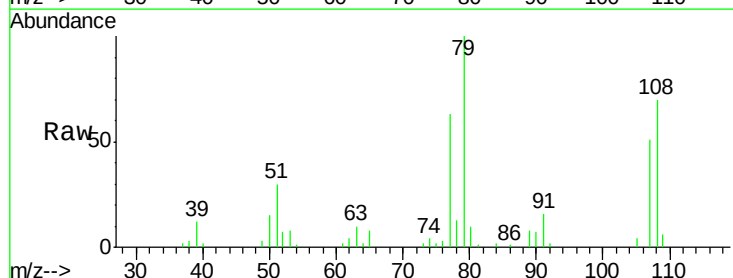
Instrument :
 BNA_F
 ClientSampleId :
 PB81702BS

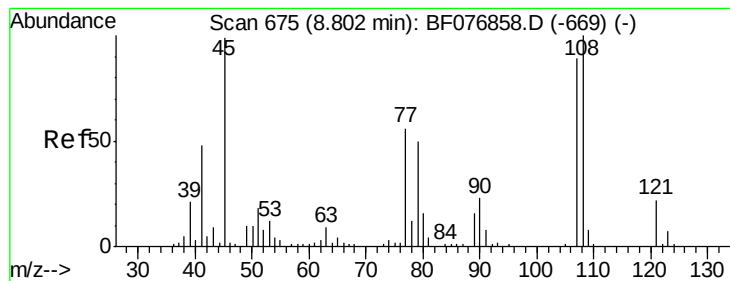
Tgt Ion: 146 Resp: 81700
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.3 76.9
 111 42.7 34.5 51.7



#15
 Benzyl Alcohol
 Concen: 16.03 ng
 RT: 8.00 min Scan# 622
 Delta R.T. -0.06 min
 Lab File: BF077257.D
 Acq: 11 Feb 2015 16:59

Tgt Ion: 79 Resp: 69530
 Ion Ratio Lower Upper
 79 100
 108 69.6 57.2 85.8
 77 62.9 51.2 76.8





#16

2,2'-oxybis(1-Chloropropane)

Concen: 16.75 ng

RT: 8.35 min Scan# 653

Delta R.T. -0.05 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

Instrument :

BNA_F

ClientSampled :

PB81702BS

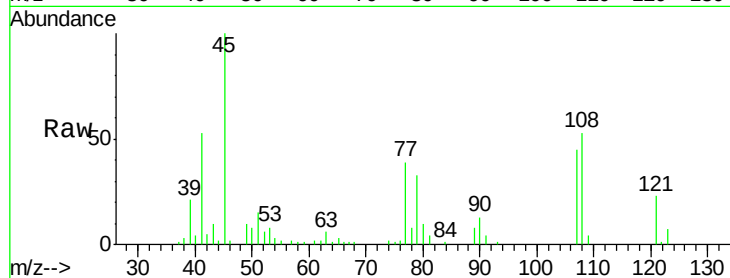
Tgt Ion: 45 Resp: 100282

Ion Ratio Lower Upper

45 100

77 38.6 36.1 76.1

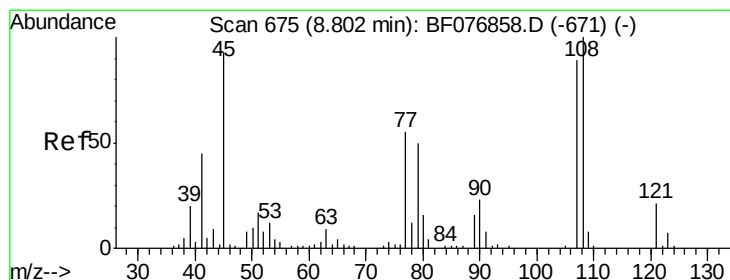
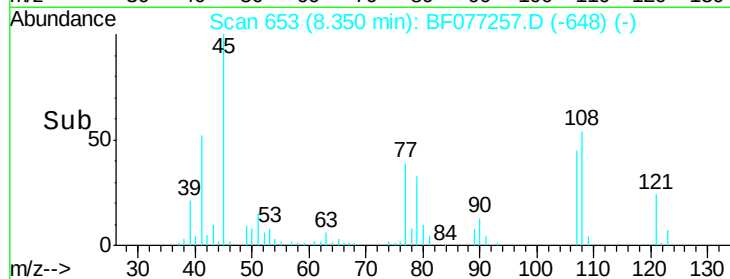
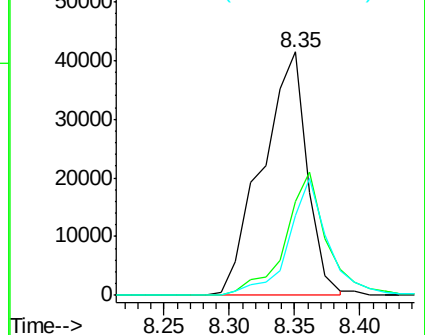
79 32.6 30.5 70.5



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: 15.01 ng

RT: 8.36 min Scan# 654

Delta R.T. -0.05 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

Tgt Ion: 107 Resp: 60099

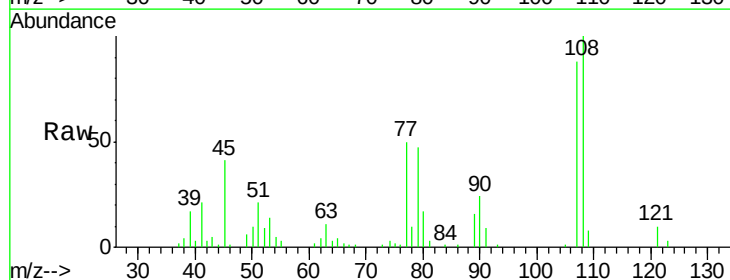
Ion Ratio Lower Upper

107 100

108 114.2 89.7 134.5

77 56.7 50.1 75.1

79 53.5 45.0 67.6

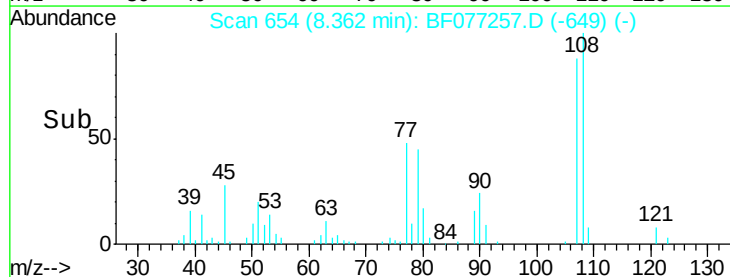
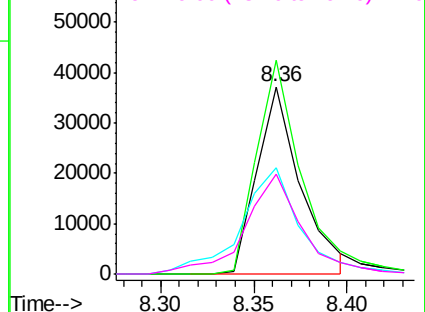


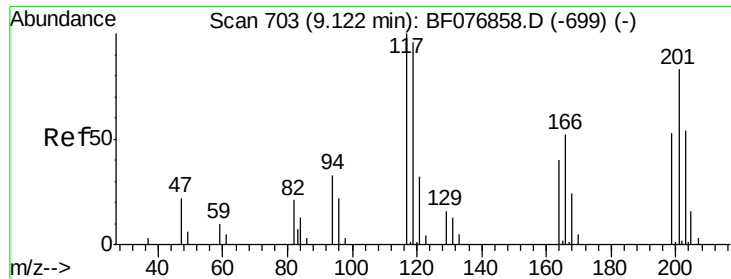
Abundance Ion 107.00 (106.70 to 107.70): E

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

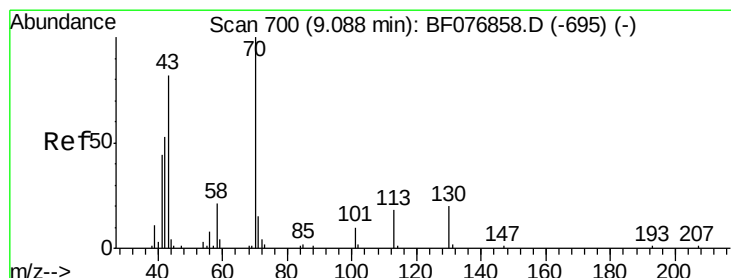
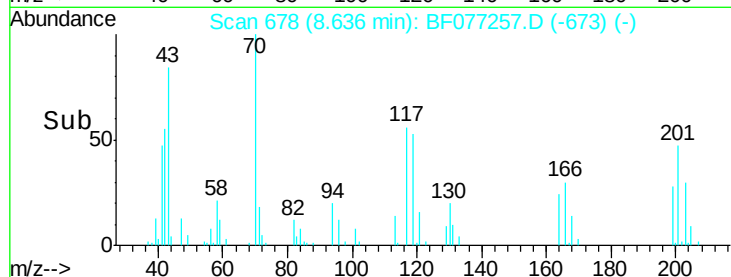
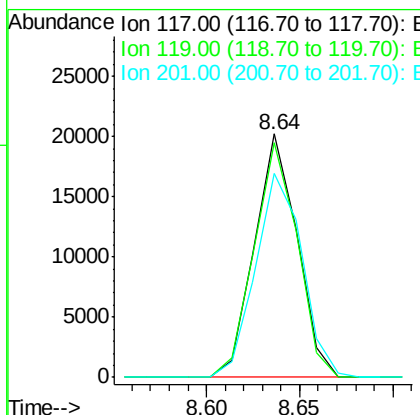
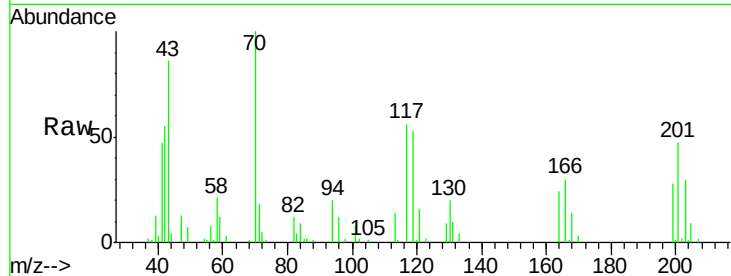




#18
Hexachloroethane
Concen: 15.58 ng
RT: 8.64 min Scan# 678
Delta R.T. -0.05 min
Lab File: BF077257.D
Acq: 11 Feb 2015 16:59

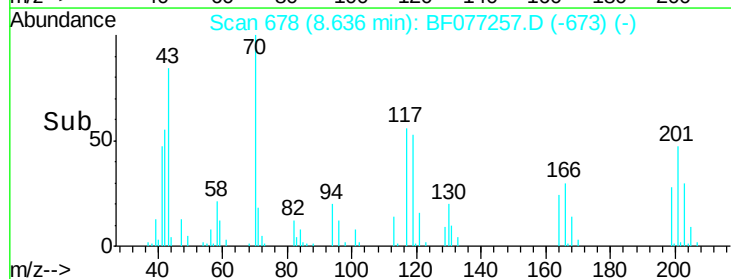
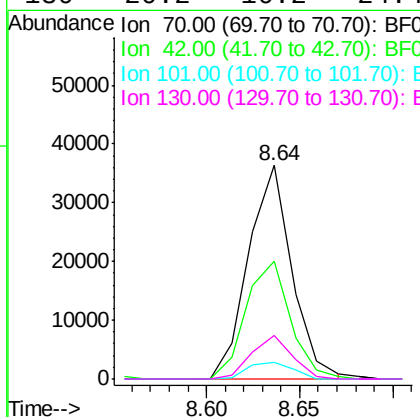
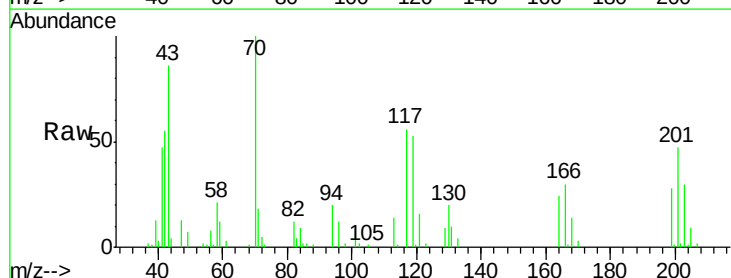
Instrument :
BNA_F
ClientSampleId :
PB81702BS

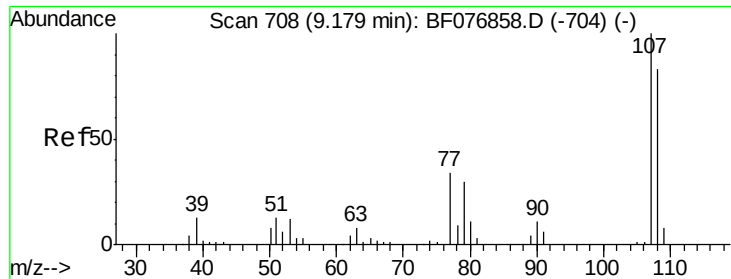
Tgt Ion: 117 Resp: 32016
Ion Ratio Lower Upper
117 100
119 96.2 77.1 115.7
201 83.7 66.8 100.2



#19
n-Nitroso-di-n-propylamine
Concen: 15.69 ng
RT: 8.64 min Scan# 678
Delta R.T. -0.05 min
Lab File: BF077257.D
Acq: 11 Feb 2015 16:59

Tgt Ion: 70 Resp: 58885
Ion Ratio Lower Upper
70 100
42 55.3 42.1 63.1
101 8.0 7.8 11.8
130 20.2 16.2 24.4

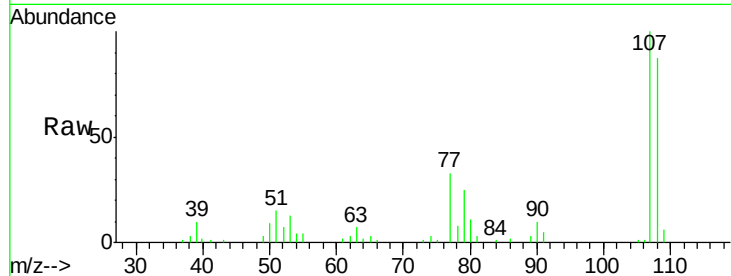




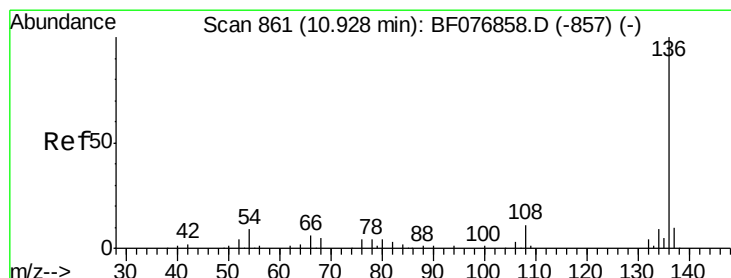
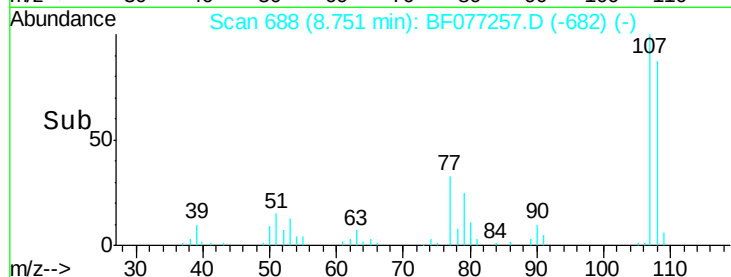
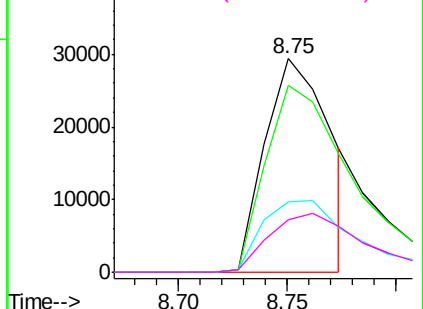
#20
3+4-Methylphenols
Concen: 11.60 ng
RT: 8.75 min Scan# 688
Delta R.T. -0.03 min
Lab File: BF077257.D
Acq: 11 Feb 2015 16:59

Instrument :
BNA_F
ClientSampleId :
PB81702BS

Tgt Ion:	107	Resp:	61500
Ion	Ratio	Lower	Upper
107	100		
108	87.3	63.5	103.5
77	33.2	14.0	54.0
79	24.8	9.9	49.9

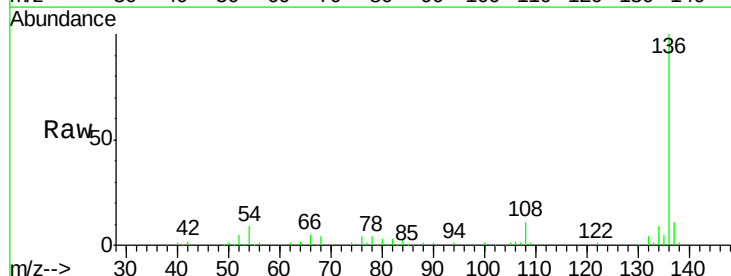


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

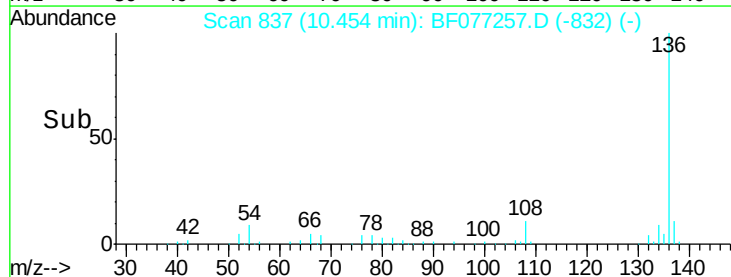
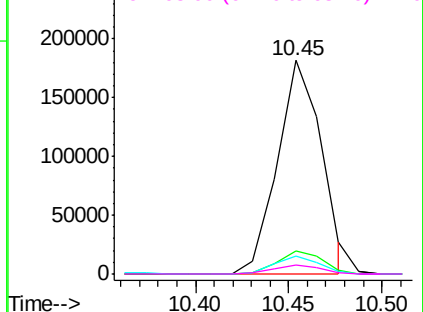


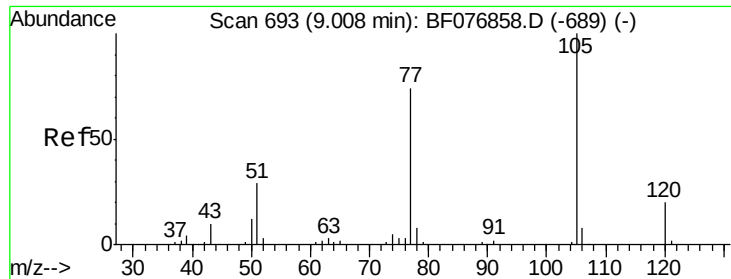
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.45 min Scan# 837
Delta R.T. -0.05 min
Lab File: BF077257.D
Acq: 11 Feb 2015 16:59

Tgt Ion:	136	Resp:	297736
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.1	12.1
54	8.6	7.0	10.4
68	4.3	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: 16.02 ng

RT: 8.54 min Scan# 670

Delta R.T. -0.06 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

Instrument :

BNA_F

ClientSampled :

PB81702BS

Tgt Ion: 105 Resp: 116825

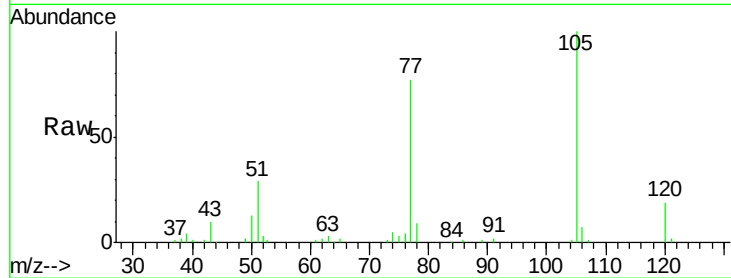
Ion Ratio Lower Upper

105 100

71 0.0 0.0 0.0

51 29.2 23.3 34.9

120 19.0 16.1 24.1

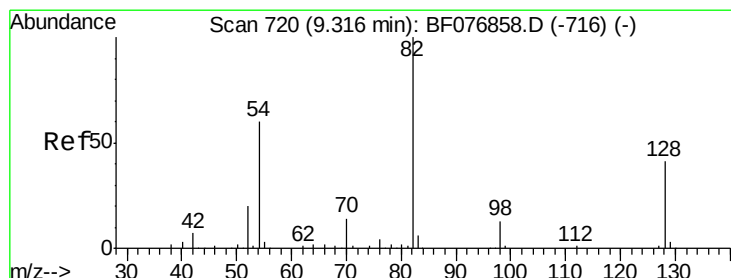
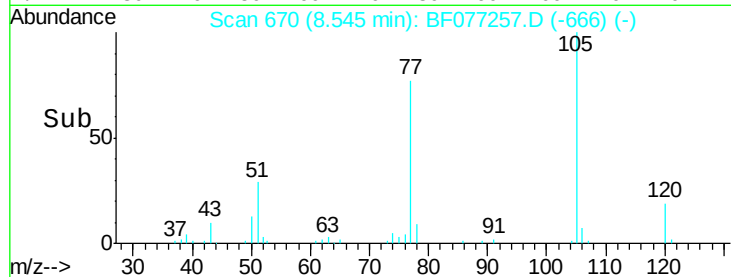
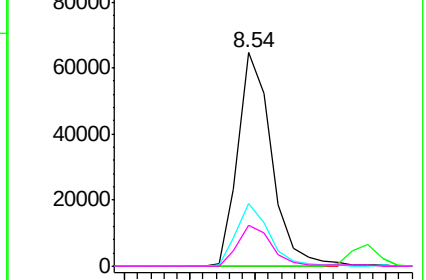


Abundance Ion 105.00 (104.70 to 105.70): E

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: 33.28 ng

RT: 8.85 min Scan# 697

Delta R.T. -0.05 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

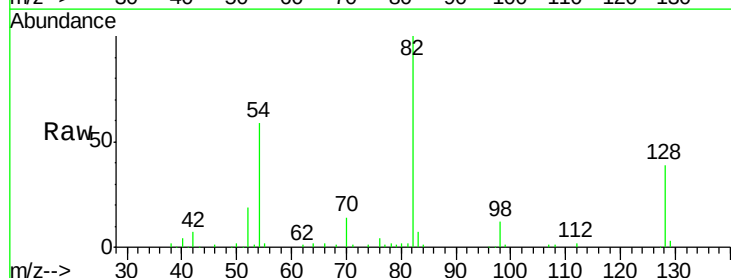
Tgt Ion: 82 Resp: 178858

Ion Ratio Lower Upper

82 100

128 39.0 33.1 49.7

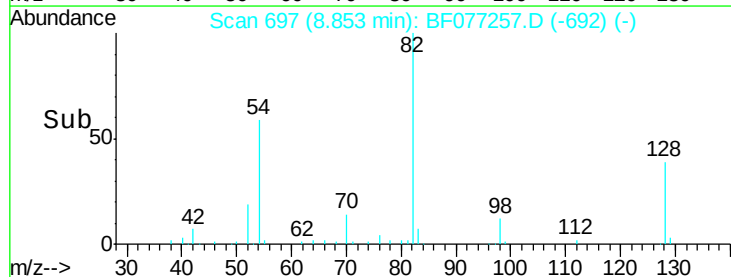
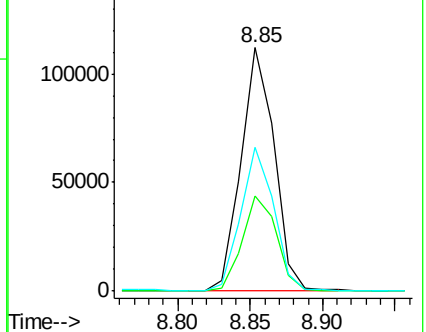
54 59.2 48.3 72.5

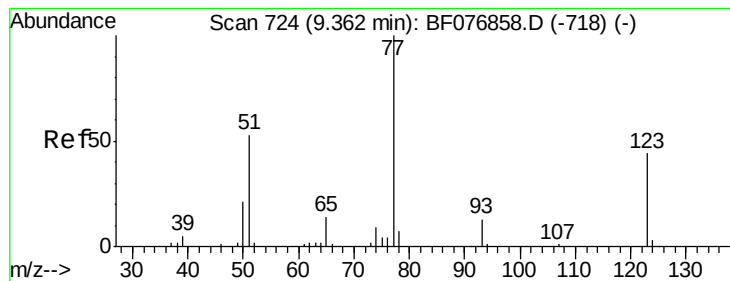


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 15.15 ng

RT: 8.90 min Scan# 701

Delta R.T. -0.05 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

Instrument :

BNA_F

ClientSampleId :

PB81702BS

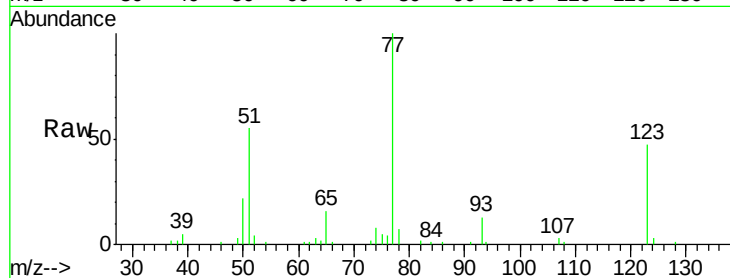
Tgt Ion: 77 Resp: 82919

Ion Ratio Lower Upper

77 100

123 46.6 35.2 52.8

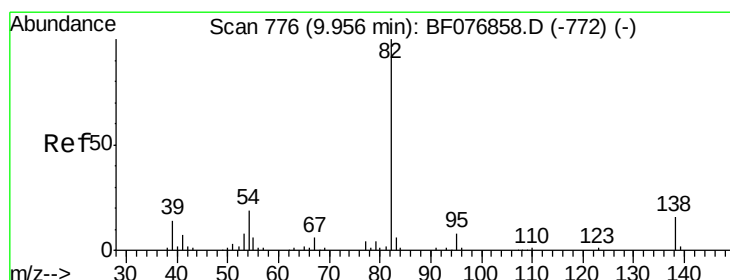
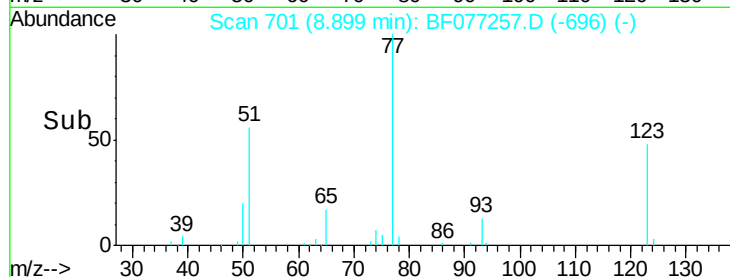
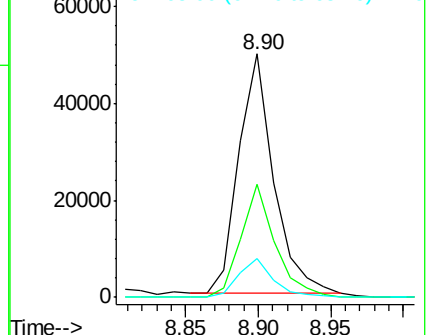
65 16.2 11.4 17.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 15.87 ng

RT: 9.50 min Scan# 754

Delta R.T. -0.05 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

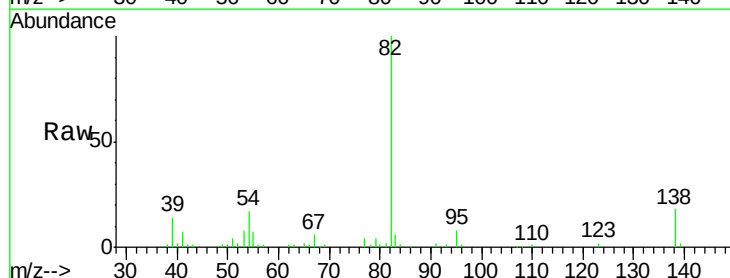
Tgt Ion: 82 Resp: 155366

Ion Ratio Lower Upper

82 100

95 7.6 6.6 10.0

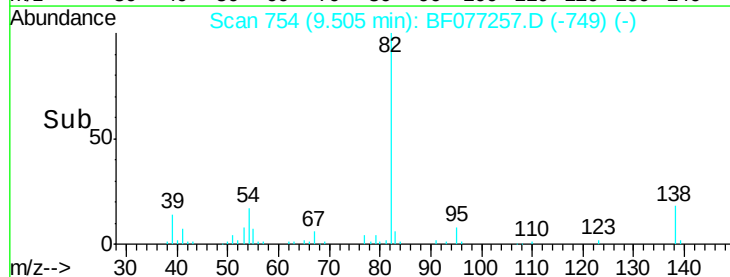
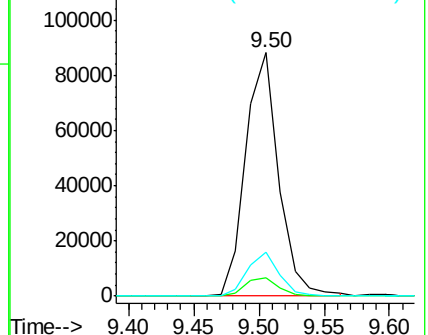
138 18.2 12.6 18.8

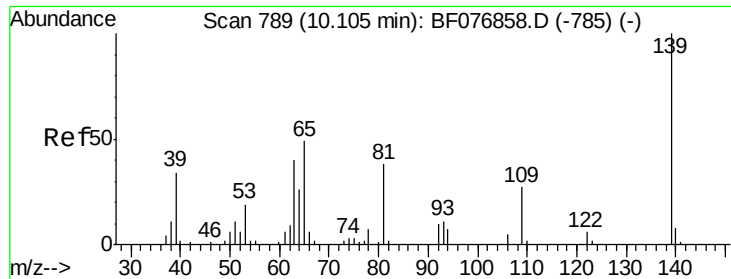


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

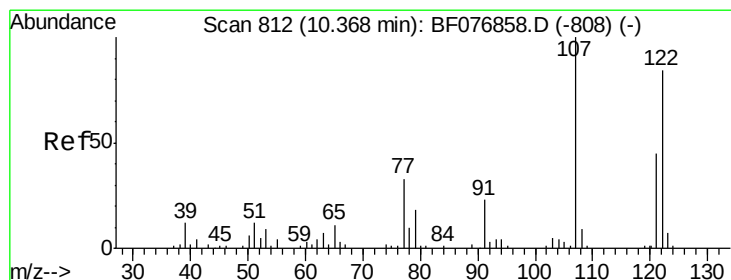
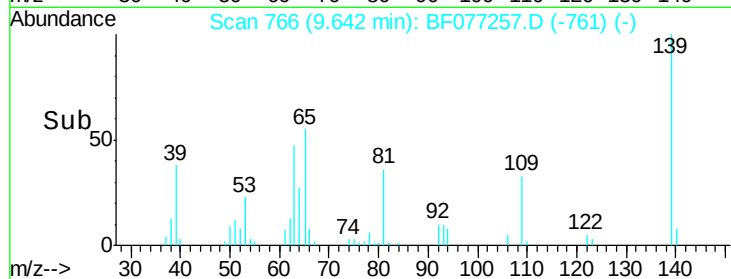
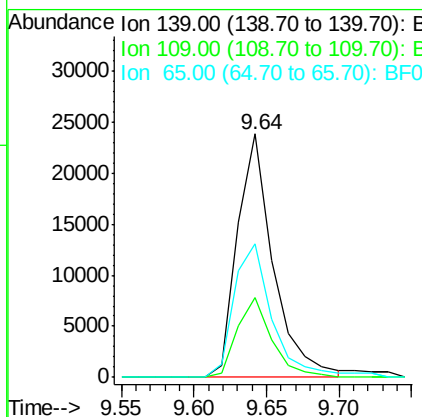
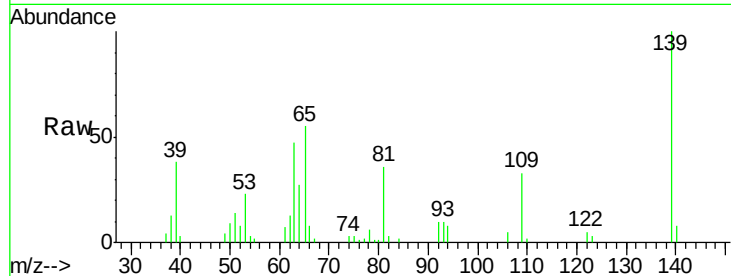




#26
 2-Nitrophenol
 Concen: 15.87 ng
 RT: 9.64 min Scan# 766
 Delta R.T. -0.05 min
 Lab File: BF077257.D
 Acq: 11 Feb 2015 16:59

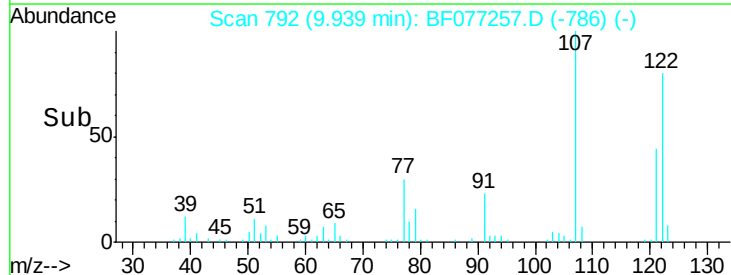
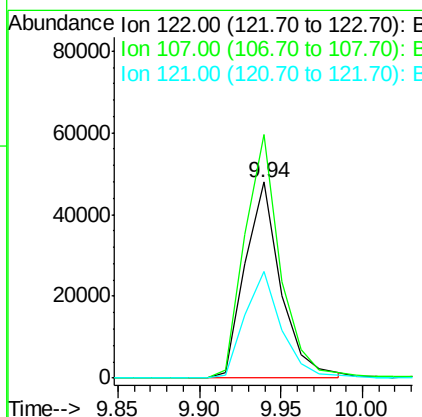
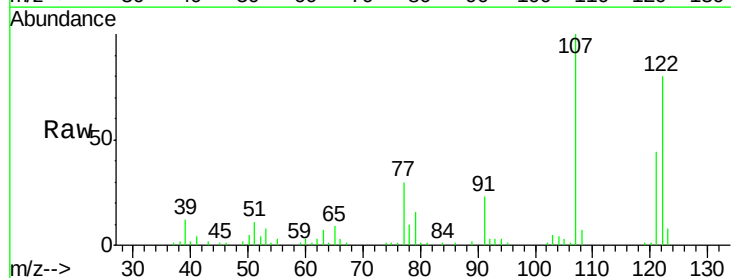
Instrument :
 BNA_F
 ClientSampleId :
 PB81702BS

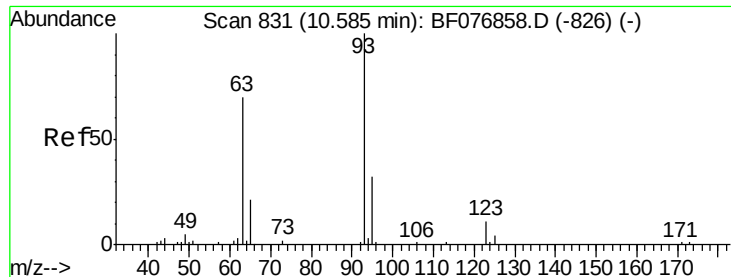
Tgt Ion	Ratio	Lower	Upper
139	100		
109	32.8	21.3	31.9#
65	54.7	39.4	59.0



#27
 2,4-Dimethylphenol
 Concen: 17.24 ng
 RT: 9.94 min Scan# 792
 Delta R.T. -0.03 min
 Lab File: BF077257.D
 Acq: 11 Feb 2015 16:59

Tgt Ion	Ratio	Lower	Upper
122	100		
107	124.4	95.2	142.8
121	54.4	42.9	64.3





#28

bis(2-Chloroethoxy)methane

Concen: 17.15 ng

RT: 10.13 min Scan# 809

Delta R.T. -0.05 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

Instrument :

BNA_F

ClientSampleId :

PB81702BS

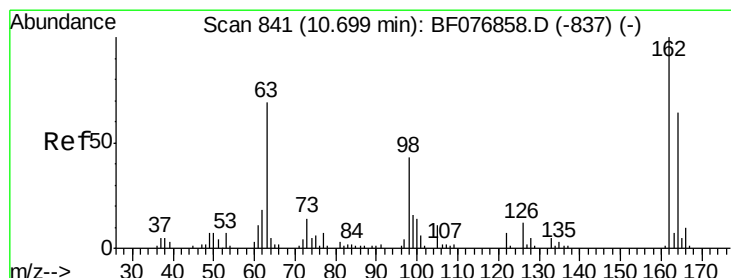
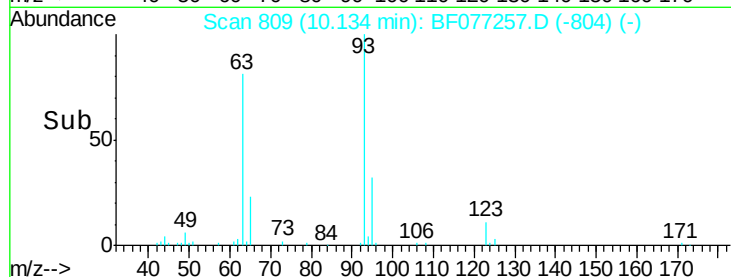
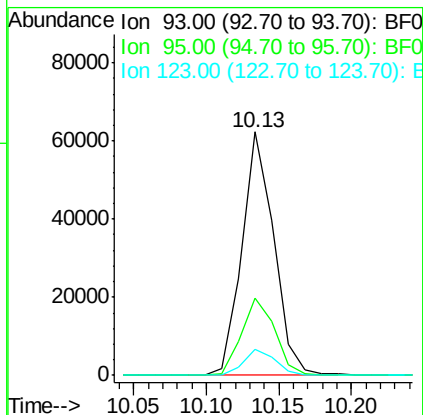
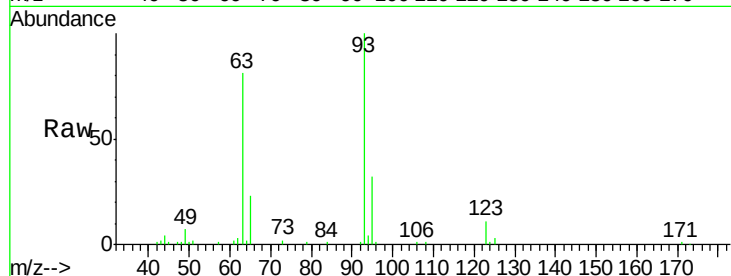
Tgt Ion: 93 Resp: 95409

Ion Ratio Lower Upper

93 100

95 31.6 25.6 38.4

123 10.5 8.9 13.3



#29

2,4-Dichlorophenol

Concen: 15.89 ng

RT: 10.26 min Scan# 820

Delta R.T. -0.05 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

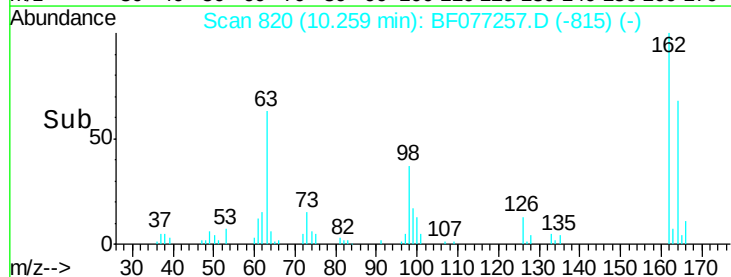
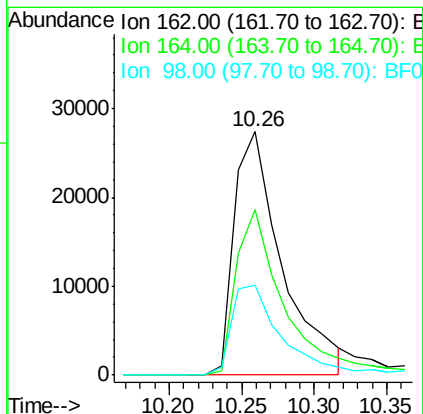
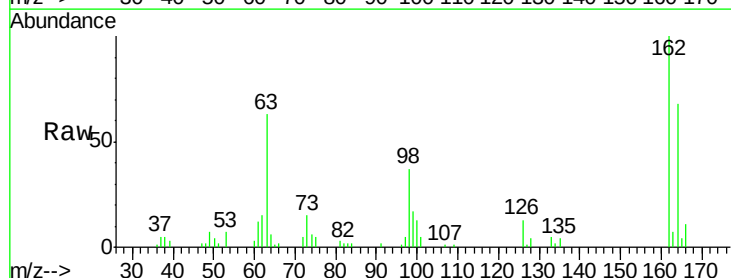
Tgt Ion: 162 Resp: 62703

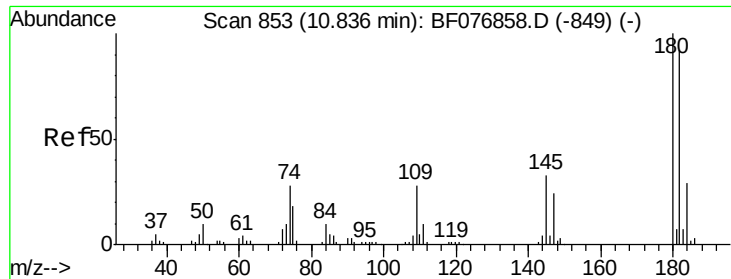
Ion Ratio Lower Upper

162 100

164 67.8 43.8 83.8

98 37.0 22.5 62.5

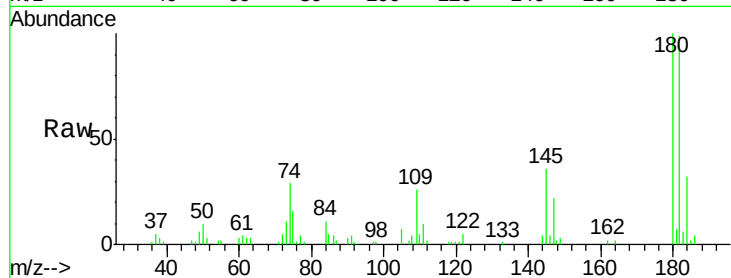




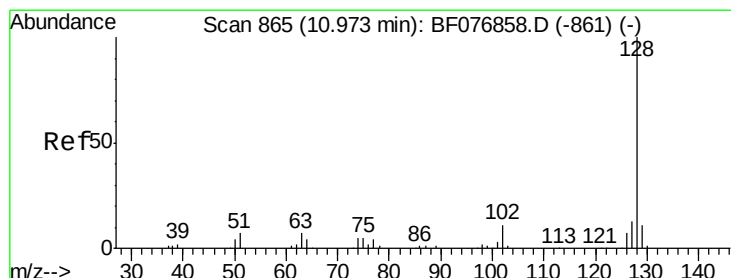
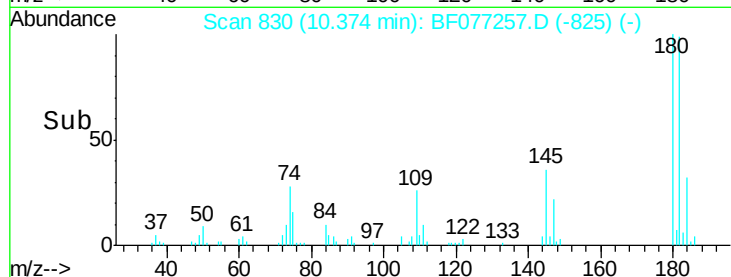
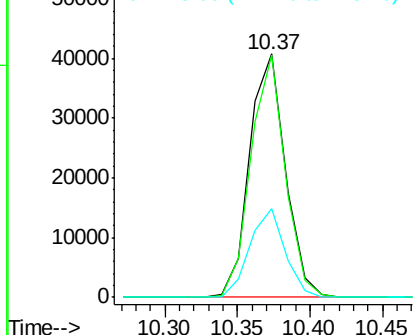
#30
 1,2,4-Trichlorobenzene
 Concen: 15.92 ng
 RT: 10.37 min Scan# 830
 Delta R.T. -0.05 min
 Lab File: BF077257.D
 Acq: 11 Feb 2015 16:59

Instrument :
 BNA_F
 ClientSampleId :
 PB81702BS

Tgt Ion:180 Resp: 69784
 Ion Ratio Lower Upper
 180 100
 182 99.4 73.6 110.4
 145 36.5 26.6 39.8

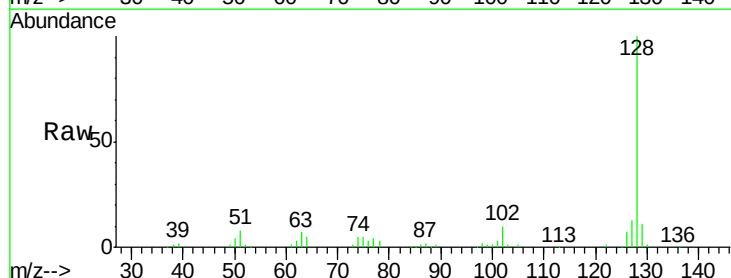


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

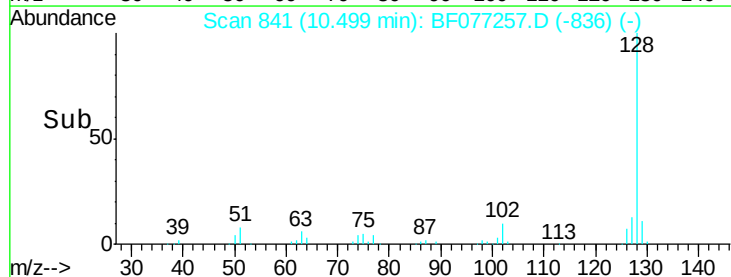
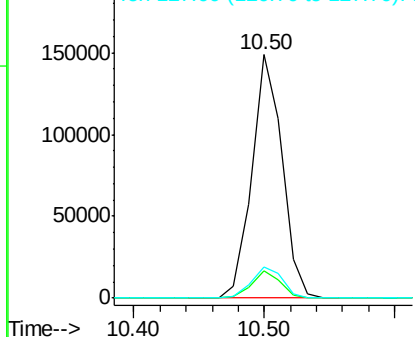


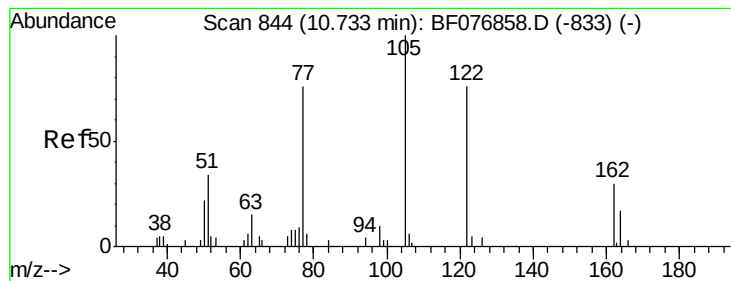
#31
 Naphthalene
 Concen: 15.69 ng
 RT: 10.50 min Scan# 841
 Delta R.T. -0.05 min
 Lab File: BF077257.D
 Acq: 11 Feb 2015 16:59

Tgt Ion:128 Resp: 240464
 Ion Ratio Lower Upper
 128 100
 129 11.0 9.0 13.6
 127 13.0 10.2 15.2



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





#32

Benzoic acid

Concen: 6.42 ng

RT: 10.35 min Scan# 828

Delta R.T. -0.05 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

Instrument :

BNA_F

ClientSampleId :

PB81702BS

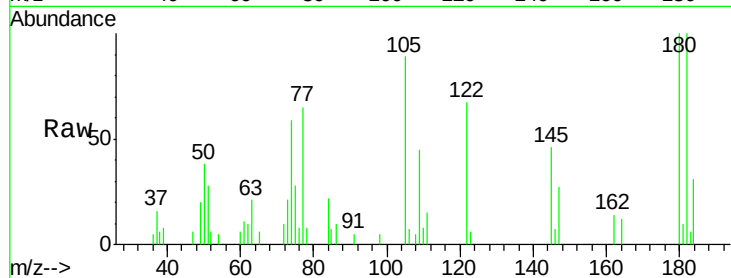
Tgt Ion:122 Resp: 15062

Ion Ratio Lower Upper

122 100

105 132.8 111.3 151.3

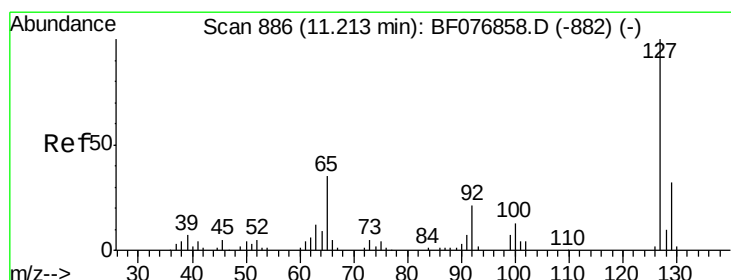
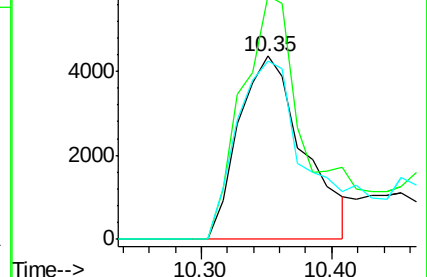
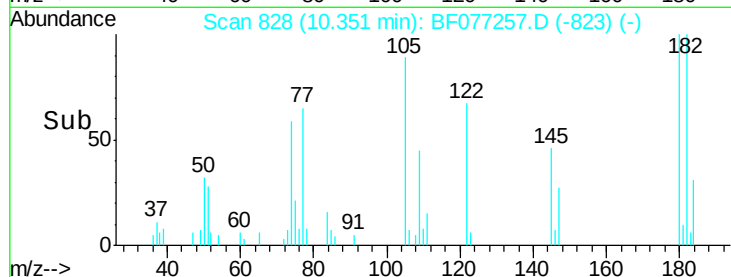
77 97.0 79.2 119.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 6.96 ng

RT: 10.77 min Scan# 865

Delta R.T. -0.03 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

Tgt Ion:127 Resp: 43129

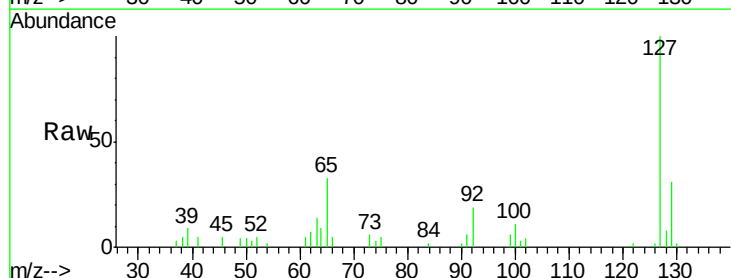
Ion Ratio Lower Upper

127 100

129 31.3 25.3 37.9

65 33.3 27.8 41.6

92 19.1 16.5 24.7

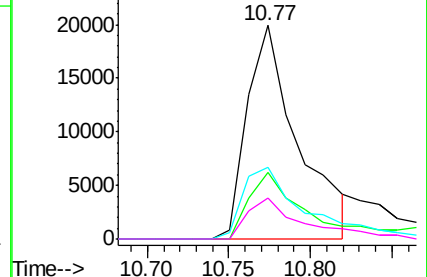
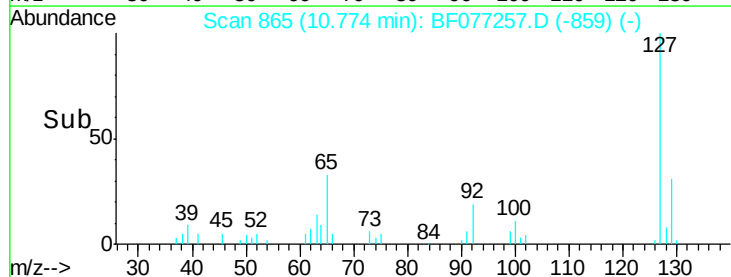


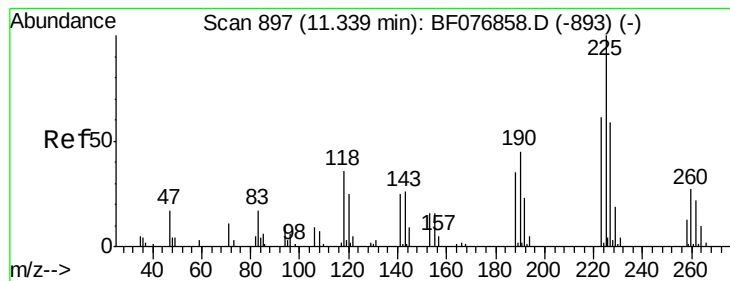
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





#34

Hexachlorobutadiene

Concen: 15.76 ng

RT: 10.87 min Scan# 873

Delta R.T. -0.06 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

Instrument :

BNA_F

ClientSampleId :

PB81702BS

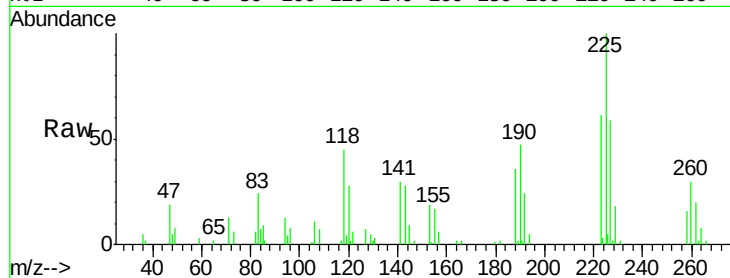
Tgt Ion:225 Resp: 40979

Ion Ratio Lower Upper

225 100

223 61.3 49.1 73.7

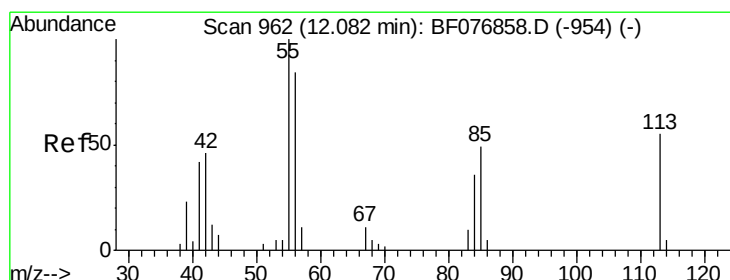
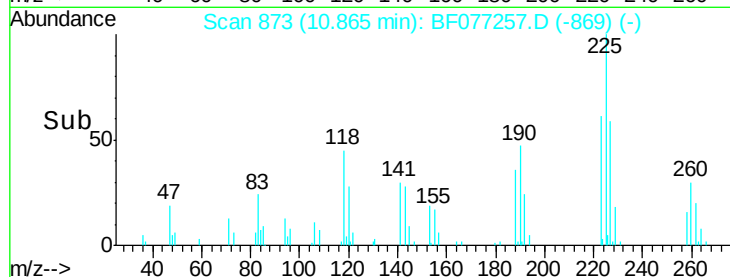
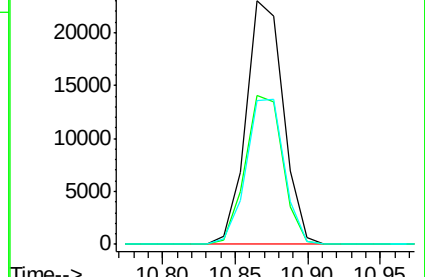
227 59.0 47.5 71.3



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: 12.57 ng

RT: 11.62 min Scan# 939

Delta R.T. -0.06 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

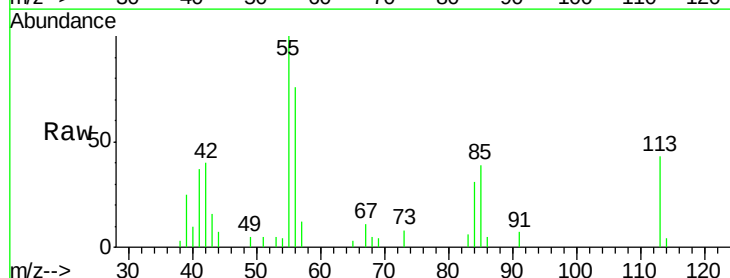
Tgt Ion:113 Resp: 14607

Ion Ratio Lower Upper

113 100

55 232.0 162.1 202.1#

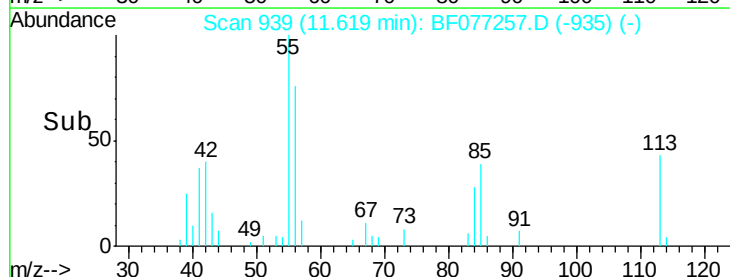
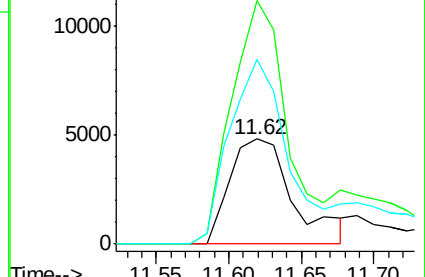
56 175.6 133.7 173.7#

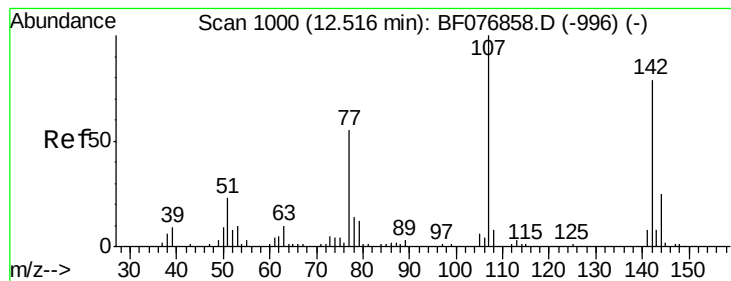


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0





#36

4-Chloro-3-methylphenol

Concen: 15.36 ng

RT: 12.09 min Scan# 980

Delta R.T. -0.03 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

Instrument :

BNA_F

ClientSampleId :

PB81702BS

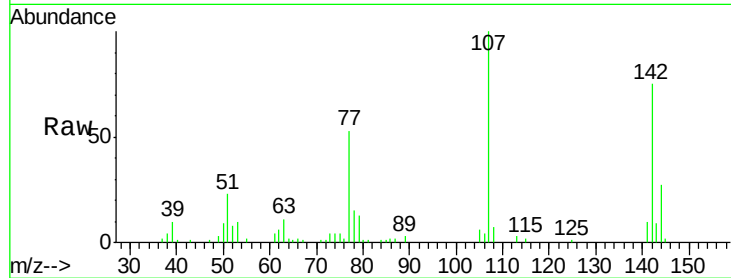
Tgt Ion:107 Resp: 69414

Ion Ratio Lower Upper

107 100

144 27.0 20.0 30.0

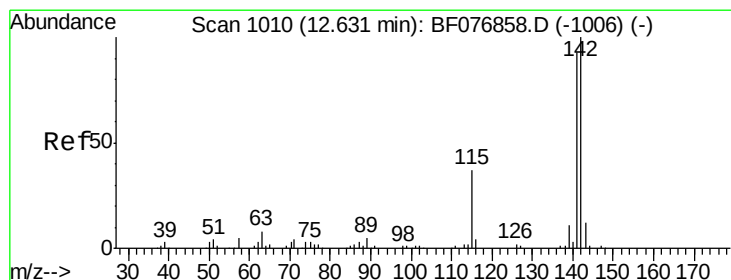
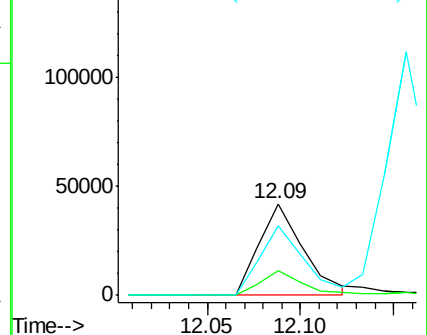
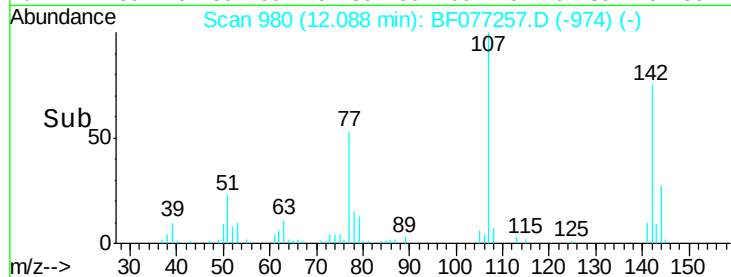
142 75.3 63.5 95.3



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: 16.32 ng

RT: 12.16 min Scan# 986

Delta R.T. -0.05 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

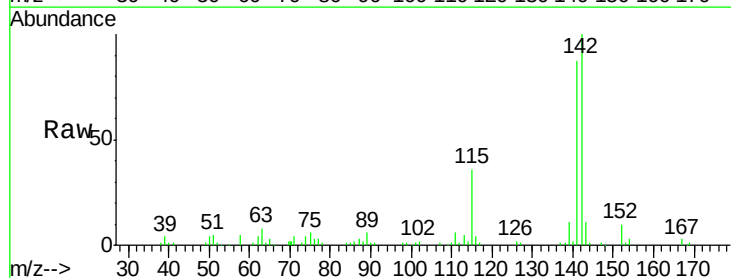
Tgt Ion:142 Resp: 170850

Ion Ratio Lower Upper

142 100

141 87.0 74.5 111.7

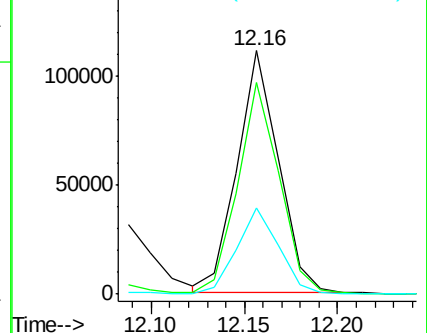
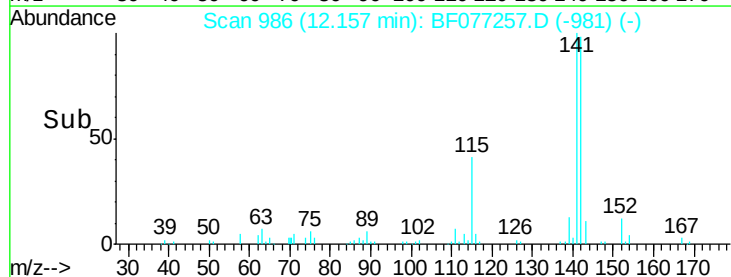
115 35.6 29.7 44.5

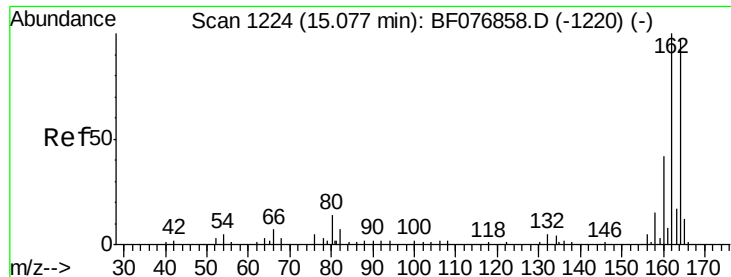


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.58 min Scan# 1198

Delta R.T. -0.05 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

Instrument :

BNA_F

ClientSampleId :

PB81702BS

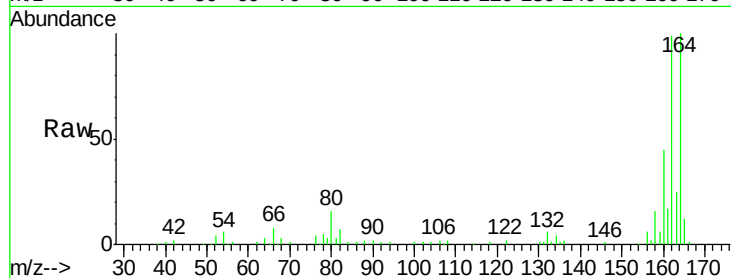
Tgt Ion:164 Resp: 146689

Ion Ratio Lower Upper

164 100

162 99.3 82.4 123.6

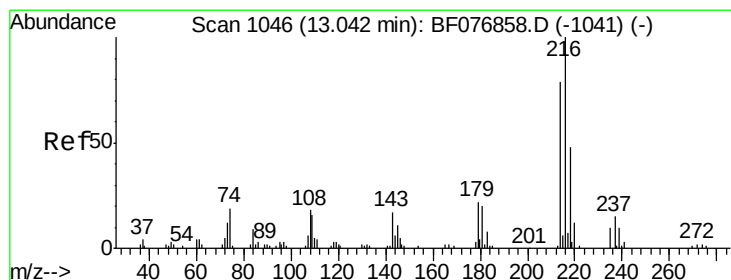
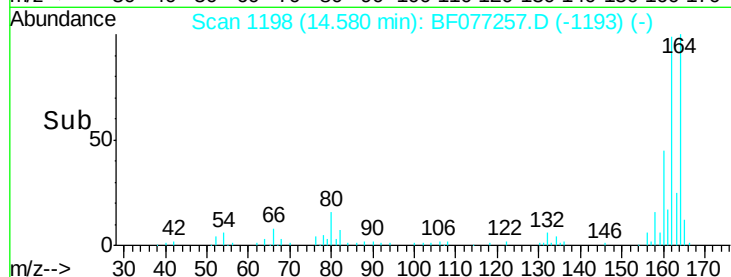
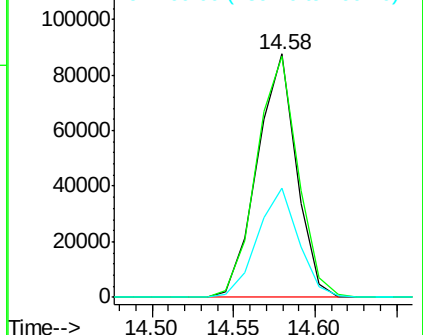
160 45.0 34.8 52.2



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: 18.95 ng

RT: 12.56 min Scan# 1021

Delta R.T. -0.05 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

Tgt Ion:216 Resp: 68720

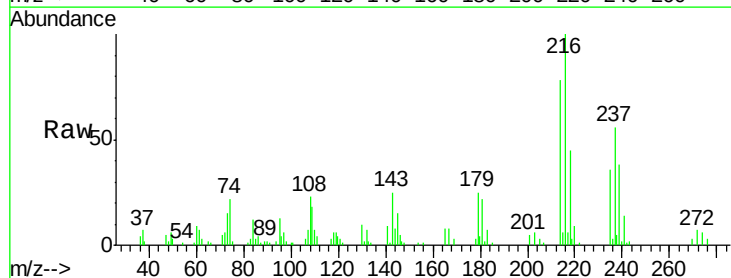
Ion Ratio Lower Upper

216 100

214 77.4 64.9 97.3

179 23.8 18.6 28.0

108 23.4 18.1 27.1

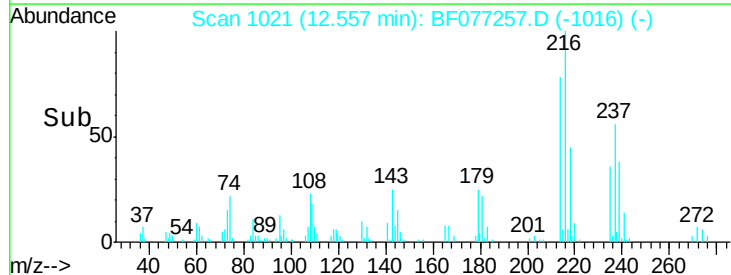
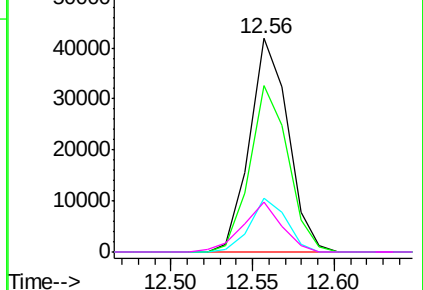


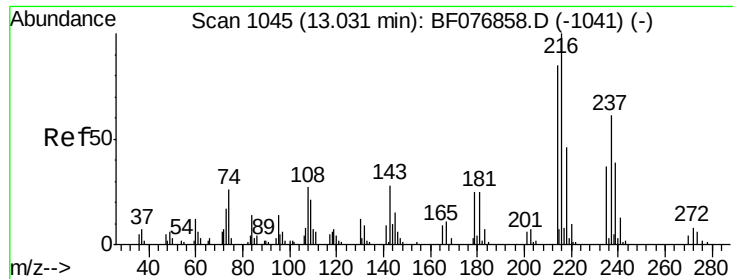
Abundance Ion 216.00 (215.70 to 216.70): E

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

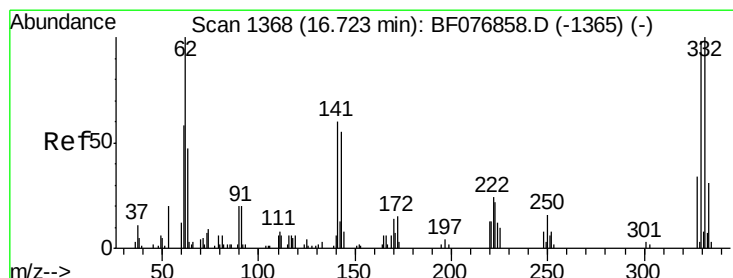
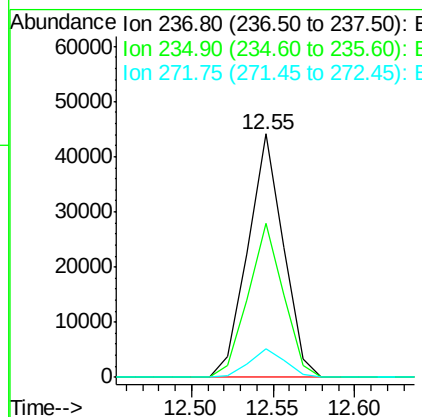
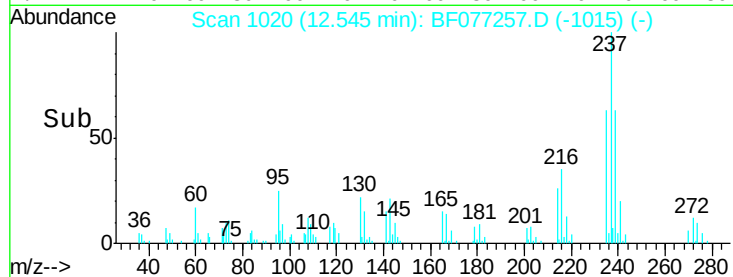
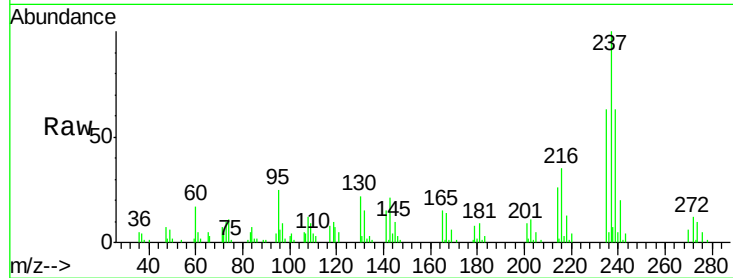




#40
Hexachlorocyclopentadiene
Concen: 36.74 ng
RT: 12.55 min Scan# 1020
Delta R.T. -0.05 min
Lab File: BF077257.D
Acq: 11 Feb 2015 16:59

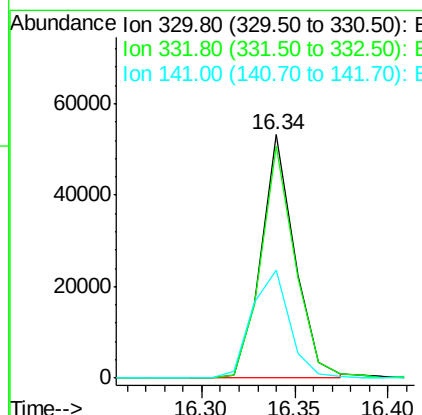
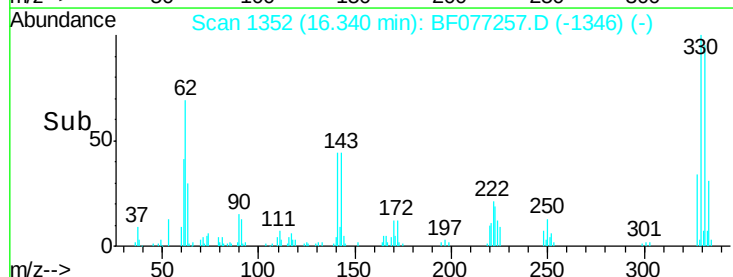
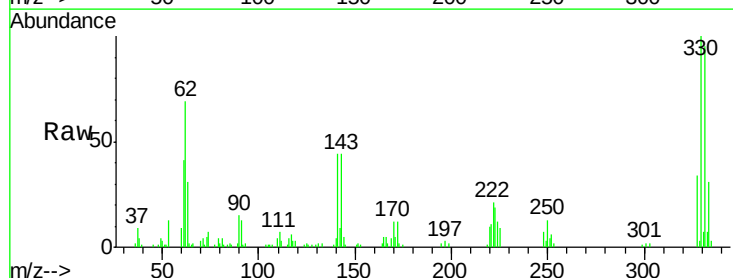
Instrument :
BNA_F
ClientSampleId :
PB81702BS

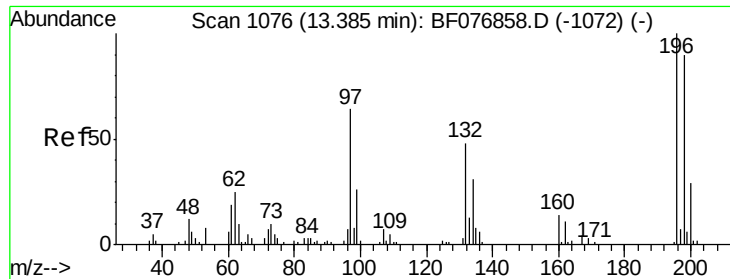
Tgt Ion: 237 Resp: 66599
Ion Ratio Lower Upper
237 100
235 63.3 40.4 80.4
272 11.8 0.0 33.2



#41
2,4,6-Tribromophenol
Concen: 55.78 ng
RT: 16.34 min Scan# 1352
Delta R.T. -0.03 min
Lab File: BF077257.D
Acq: 11 Feb 2015 16:59

Tgt Ion: 330 Resp: 66424
Ion Ratio Lower Upper
330 100
332 96.5 77.8 116.6
141 50.0 38.5 57.7

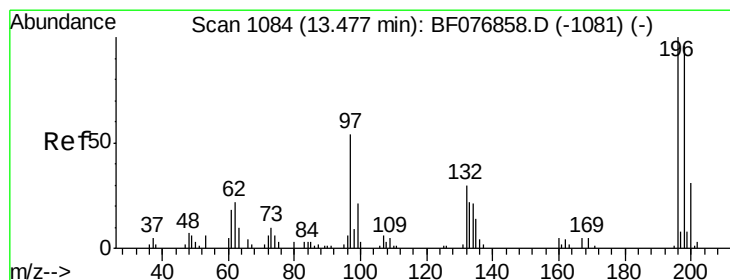
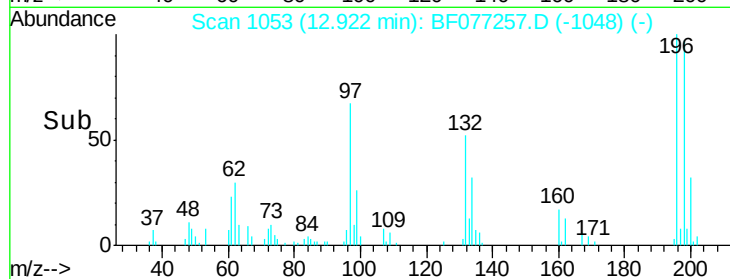
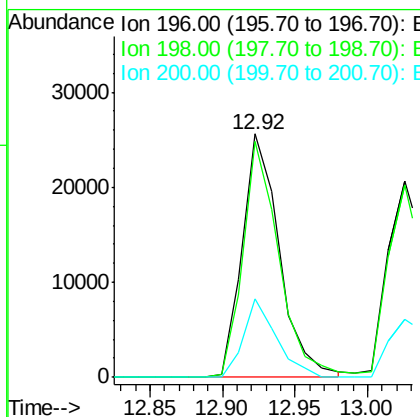
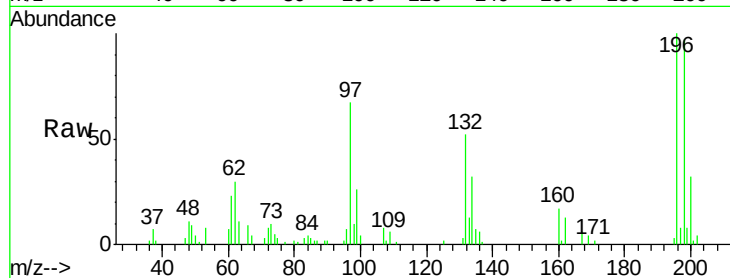




#42
 2,4,6-Trichlorophenol
 Concen: 17.23 ng
 RT: 12.92 min Scan# 1053
 Delta R.T. -0.05 min
 Lab File: BF077257.D
 Acq: 11 Feb 2015 16:59

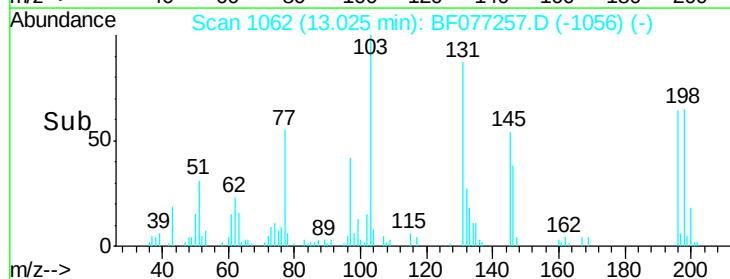
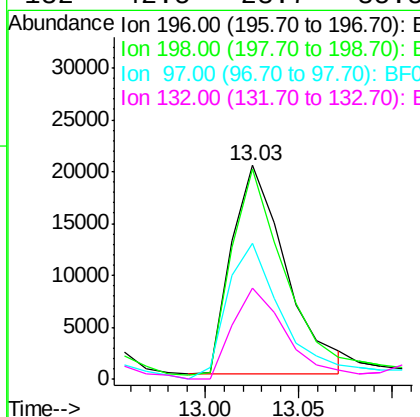
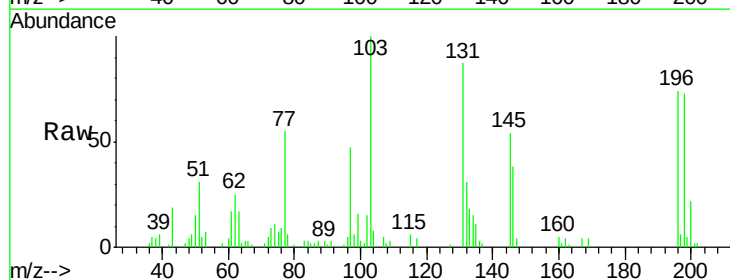
Instrument :
 BNA_F
 ClientSampleId :
 PB81702BS

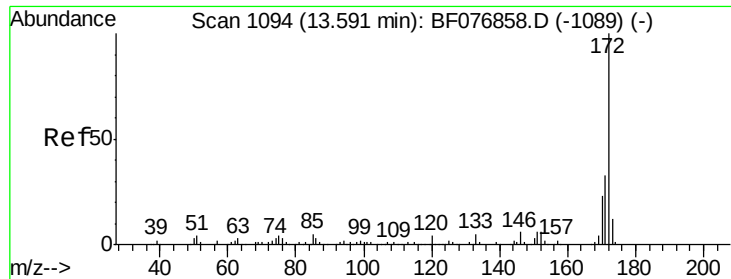
Tgt Ion:196 Resp: 45527
 Ion Ratio Lower Upper
 196 100
 198 96.7 72.0 108.0
 200 32.2 23.4 35.2



#43
 2,4,5-Trichlorophenol
 Concen: 15.23 ng
 RT: 13.03 min Scan# 1062
 Delta R.T. -0.03 min
 Lab File: BF077257.D
 Acq: 11 Feb 2015 16:59

Tgt Ion:196 Resp: 41037
 Ion Ratio Lower Upper
 196 100
 198 98.6 76.6 115.0
 97 63.8 43.4 65.0
 132 42.5 23.7 35.5#

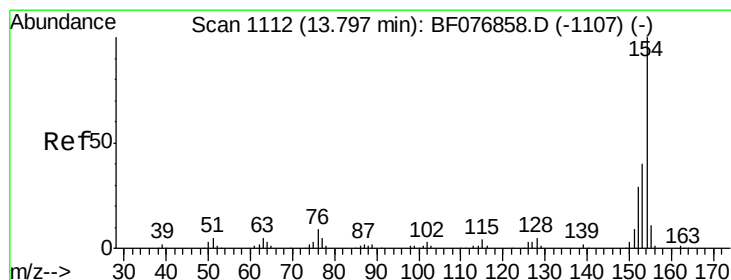
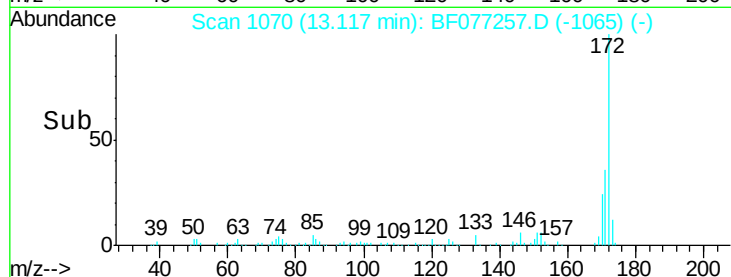
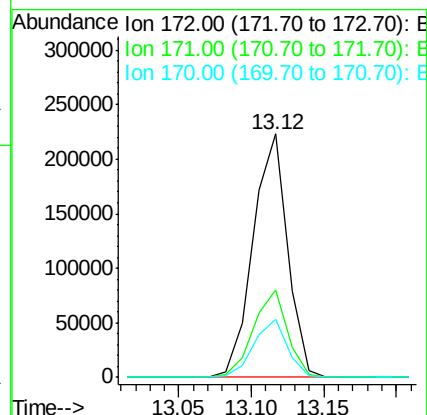
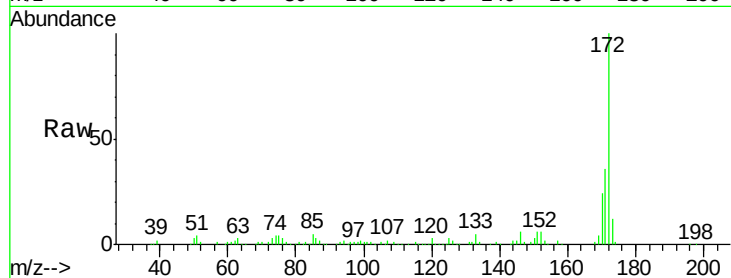




#44
2-Fluorobiphenyl
Concen: 38.16 ng
RT: 13.12 min Scan# 1070
Delta R.T. -0.05 min
Lab File: BF077257.D
Acq: 11 Feb 2015 16:59

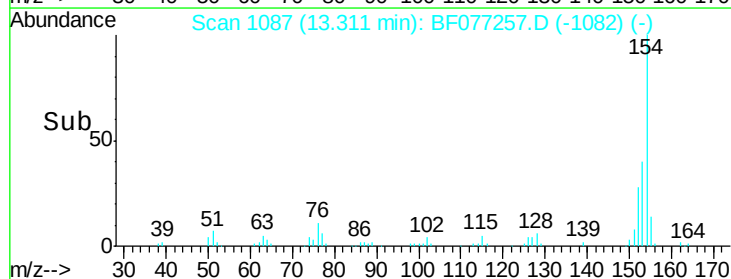
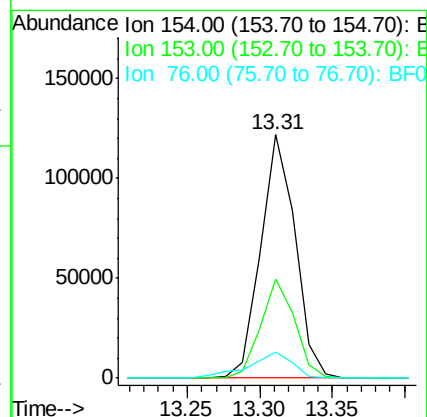
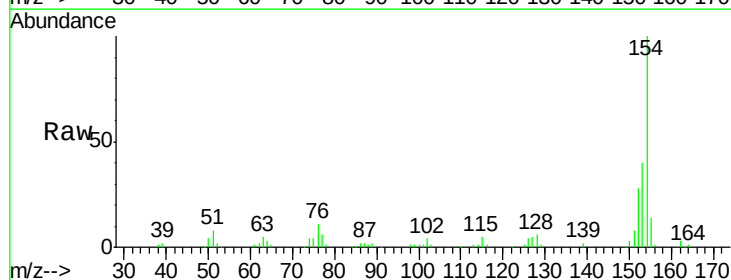
Instrument :
BNA_F
ClientSampleId :
PB81702BS

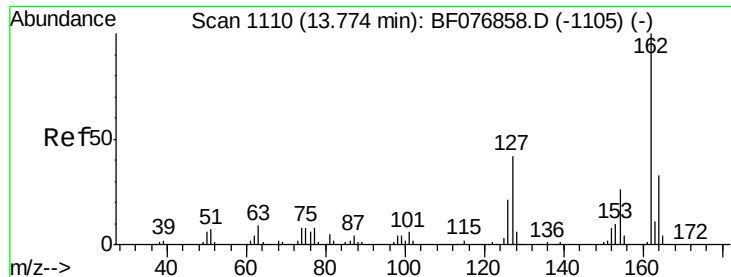
Tgt Ion:172 Resp: 367827
Ion Ratio Lower Upper
172 100
171 36.2 26.6 40.0
170 23.7 18.0 27.0



#45
1,1'-Biphenyl
Concen: 18.47 ng
RT: 13.31 min Scan# 1087
Delta R.T. -0.05 min
Lab File: BF077257.D
Acq: 11 Feb 2015 16:59

Tgt Ion:154 Resp: 200899
Ion Ratio Lower Upper
154 100
153 40.5 20.2 60.2
76 10.9 0.0 29.0

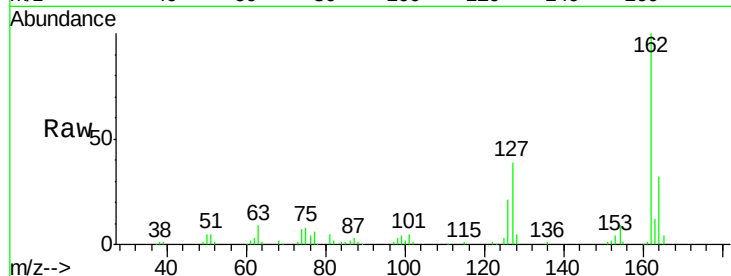




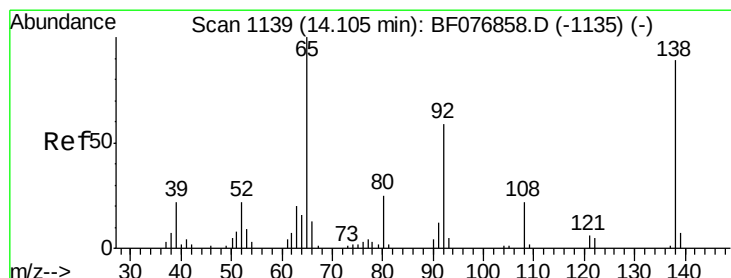
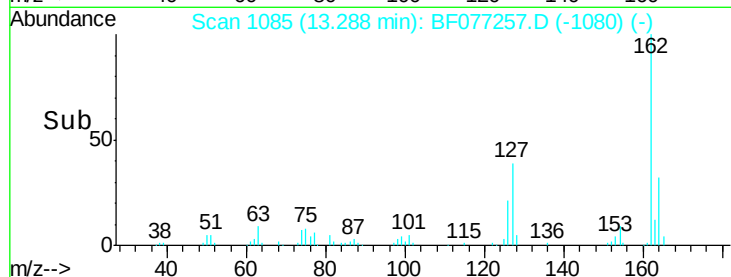
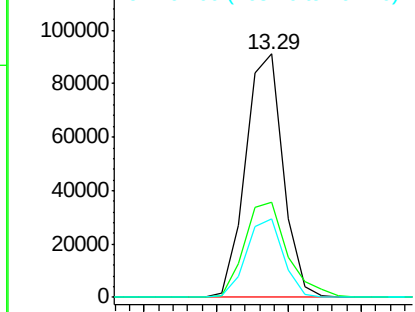
#46
 2-Chloronaphthalene
 Concen: 18.25 ng
 RT: 13.29 min Scan# 1085
 Delta R.T. -0.05 min
 Lab File: BF077257.D
 Acq: 11 Feb 2015 16:59

Instrument :
 BNA_F
 ClientSampleId :
 PB81702BS

Tgt Ion: 162 Resp: 163322
 Ion Ratio Lower Upper
 162 100
 127 38.9 33.8 50.6
 164 32.0 26.8 40.2

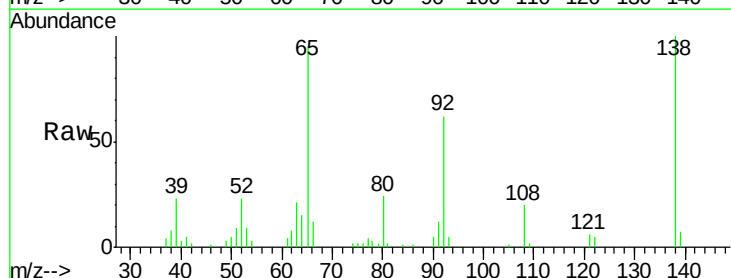


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

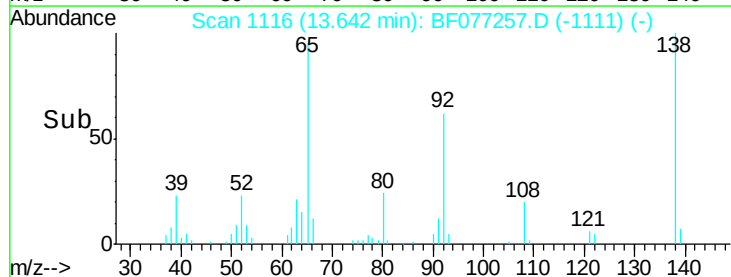
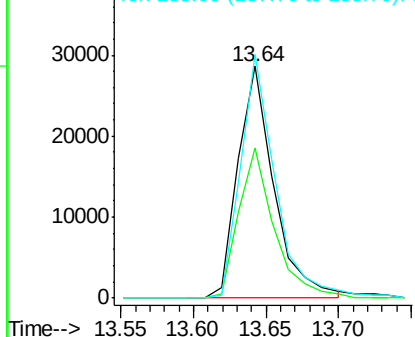


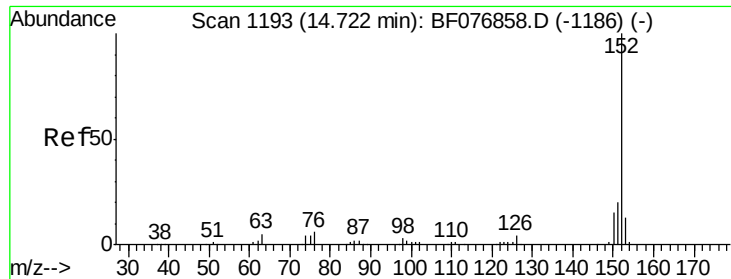
#47
 2-Nitroaniline
 Concen: 18.14 ng
 RT: 13.64 min Scan# 1116
 Delta R.T. -0.05 min
 Lab File: BF077257.D
 Acq: 11 Feb 2015 16:59

Tgt Ion: 65 Resp: 49242
 Ion Ratio Lower Upper
 65 100
 92 64.9 47.3 70.9
 138 105.1 71.4 107.2



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: 17.44 ng

RT: 14.23 min Scan# 1167

Delta R.T. -0.05 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

Instrument :

BNA_F

ClientSampleId :

PB81702BS

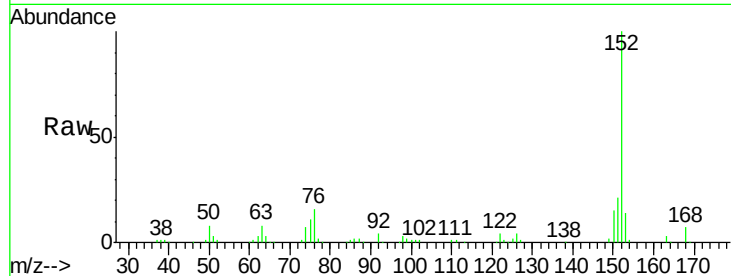
Tgt Ion:152 Resp: 263294

Ion Ratio Lower Upper

152 100

151 20.8 15.9 23.9

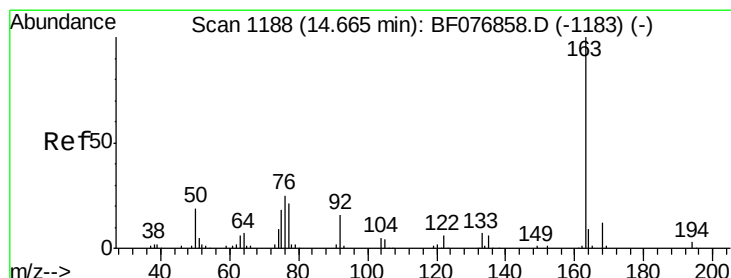
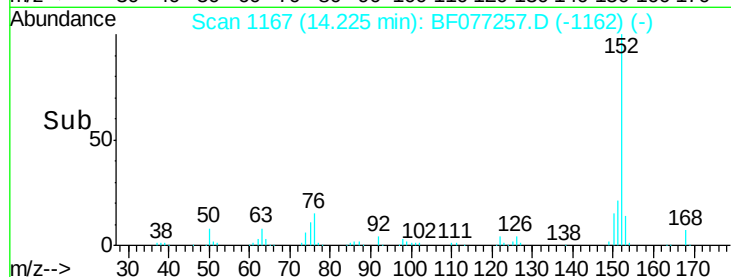
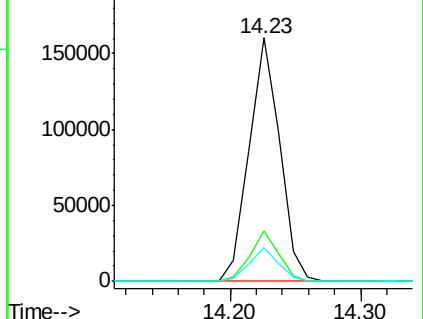
153 14.0 10.2 15.4



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: 18.55 ng

RT: 14.20 min Scan# 1165

Delta R.T. -0.03 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

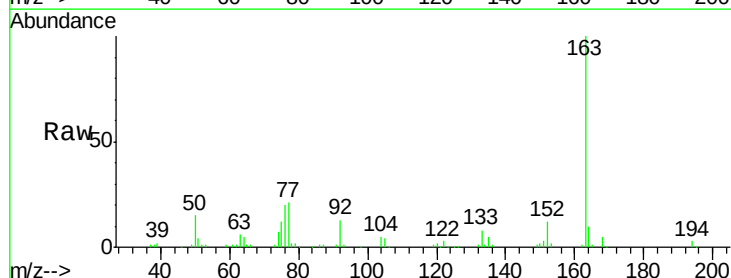
Tgt Ion:163 Resp: 192970

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

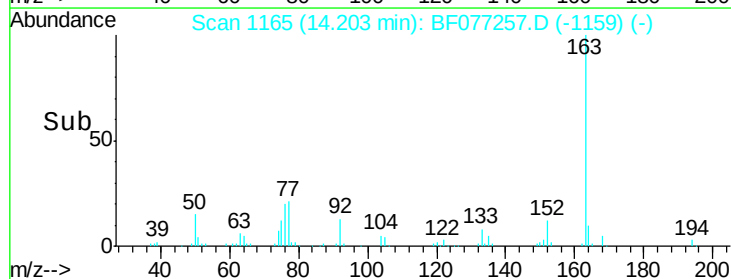
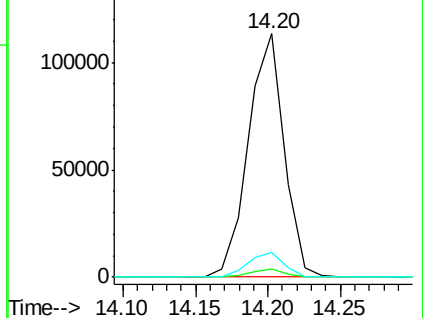
164 10.1 7.5 11.3

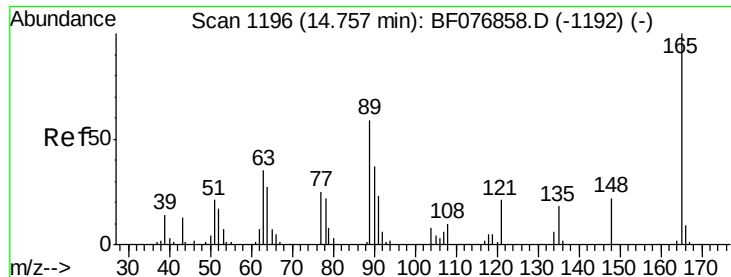


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

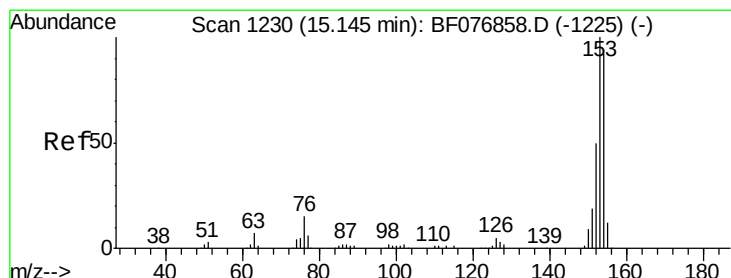
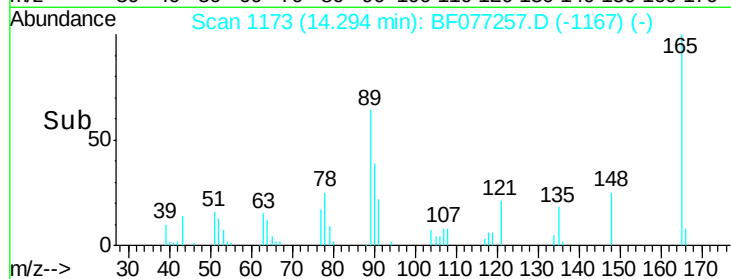
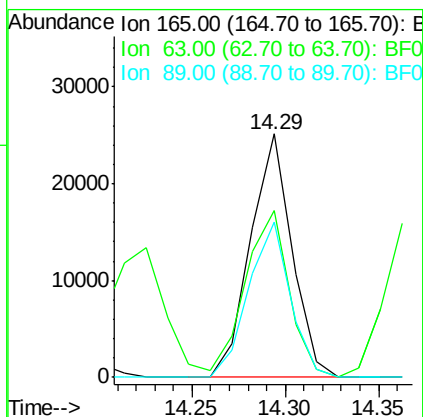
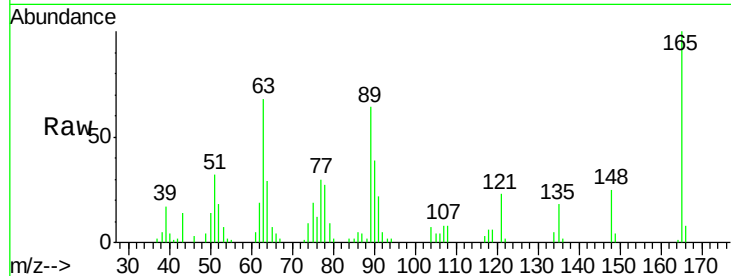




#50
 2,6-Dinitrotoluene
 Concen: 18.61 ng
 RT: 14.29 min Scan# 1173
 Delta R.T. -0.03 min
 Lab File: BF077257.D
 Acq: 11 Feb 2015 16:59

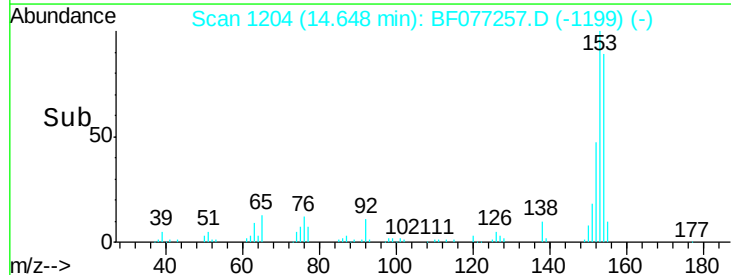
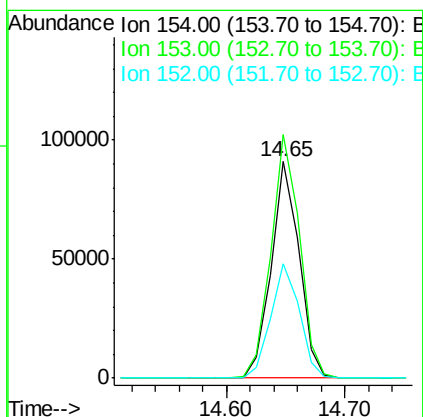
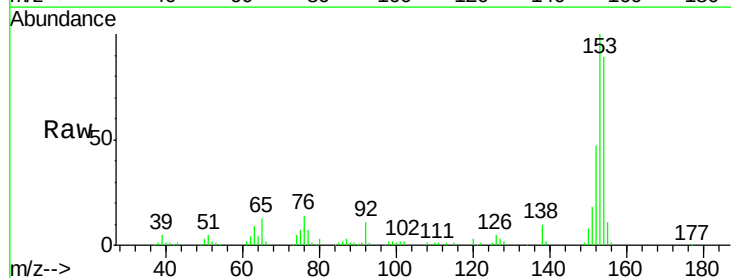
Instrument :
 BNA_F
 ClientSampleId :
 PB81702BS

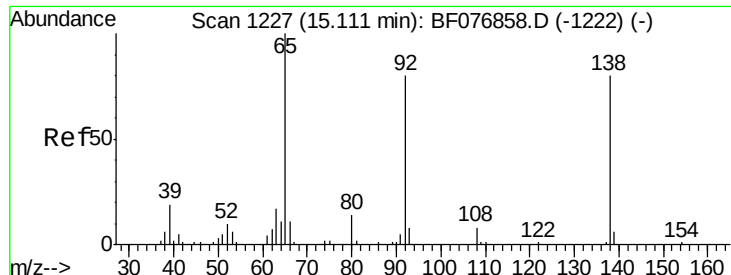
Tgt Ion:165 Resp: 38674
 Ion Ratio Lower Upper
 165 100
 63 68.4 48.1 72.1
 89 64.0 47.2 70.8



#51
 Acenaphthene
 Concen: 17.37 ng
 RT: 14.65 min Scan# 1204
 Delta R.T. -0.05 min
 Lab File: BF077257.D
 Acq: 11 Feb 2015 16:59

Tgt Ion:154 Resp: 148756
 Ion Ratio Lower Upper
 154 100
 153 112.5 87.0 130.6
 152 52.6 43.5 65.3

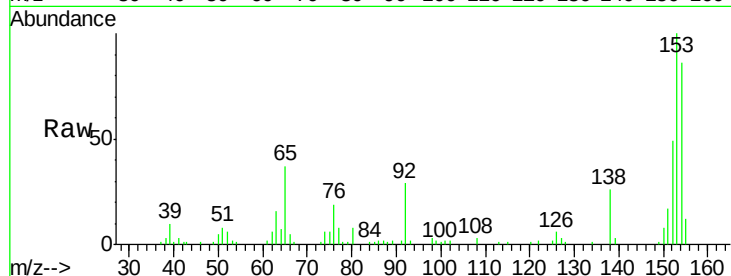




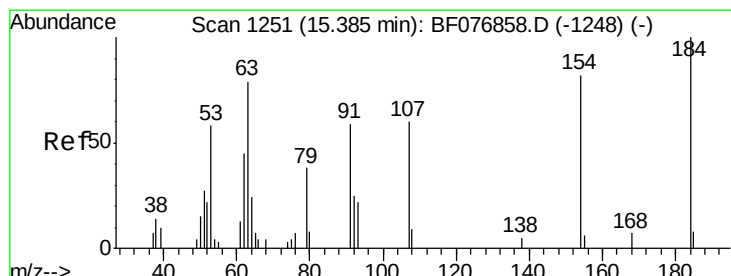
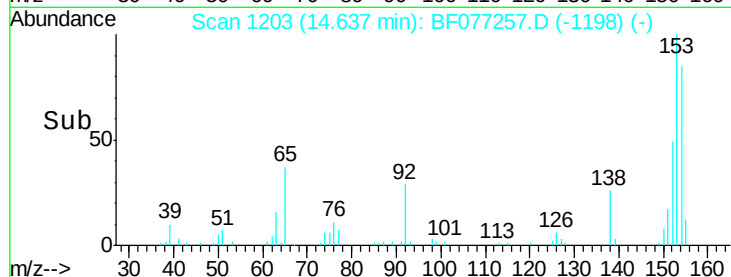
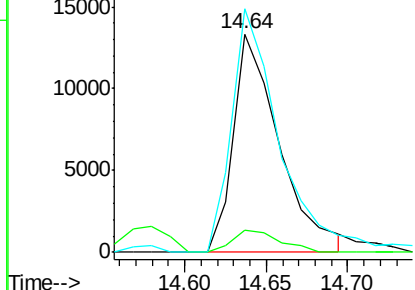
#52
3-Nitroaniline
Concen: 11.05 ng
RT: 14.64 min Scan# 1203
Delta R.T. -0.05 min
Lab File: BF077257.D
Acq: 11 Feb 2015 16:59

Instrument :
BNA_F
ClientSampleId :
PB81702BS

Tgt Ion:138 Resp: 26036
Ion Ratio Lower Upper
138 100
108 10.4 8.3 12.5
92 111.6 80.9 121.3

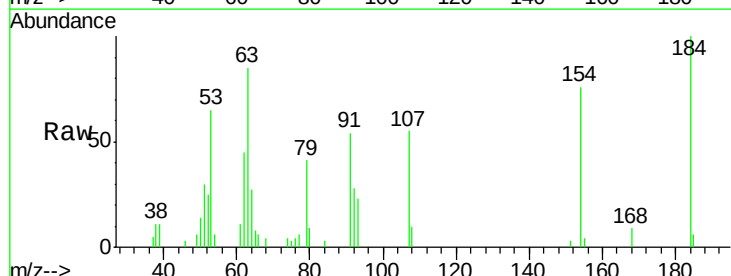


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): E

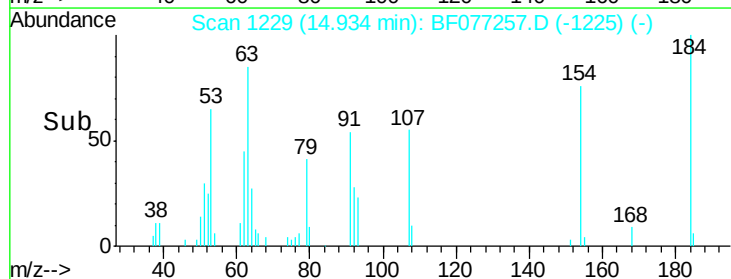
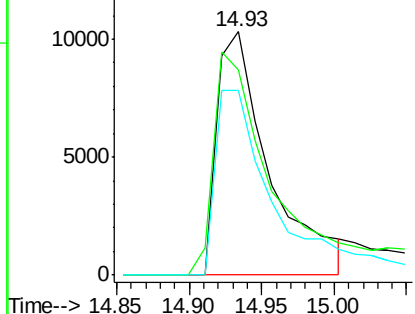


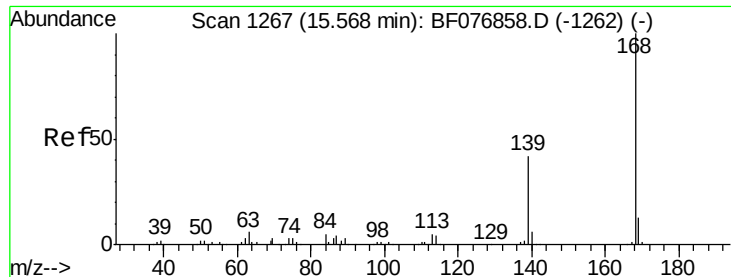
#53
2,4-Dinitrophenol
Concen: 34.38 ng
RT: 14.93 min Scan# 1229
Delta R.T. -0.06 min
Lab File: BF077257.D
Acq: 11 Feb 2015 16:59

Tgt Ion:184 Resp: 25866
Ion Ratio Lower Upper
184 100
63 84.5 63.0 94.6
154 75.8 65.5 98.3



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

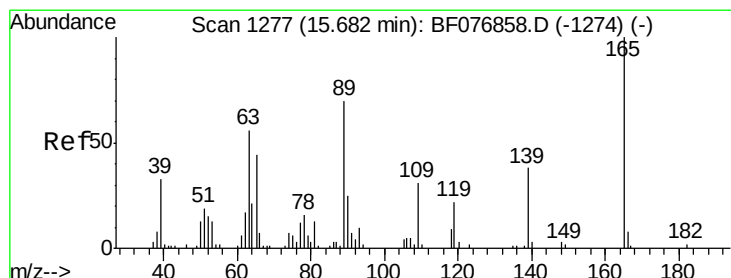
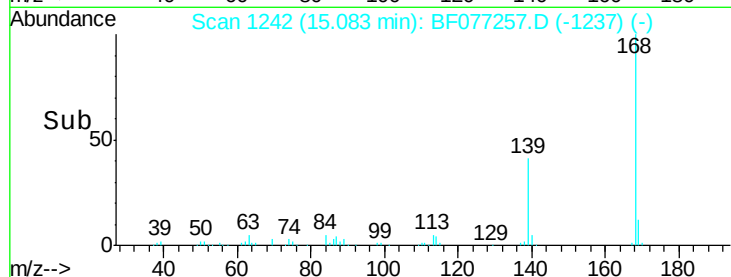
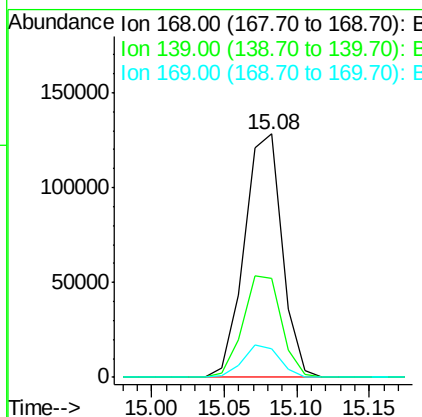
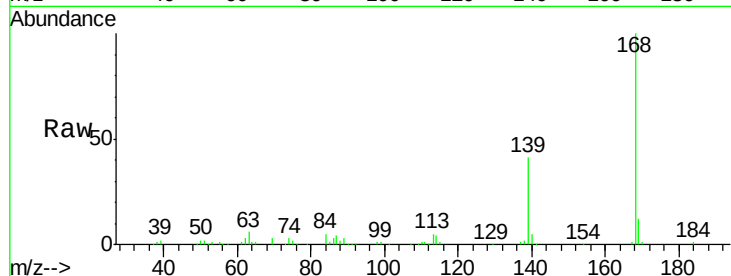




#54
Dibenzofuran
Concen: 18.58 ng
RT: 15.08 min Scan# 1242
Delta R.T. -0.05 min
Lab File: BF077257.D
Acq: 11 Feb 2015 16:59

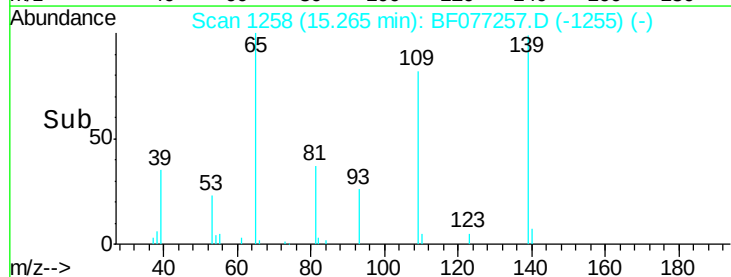
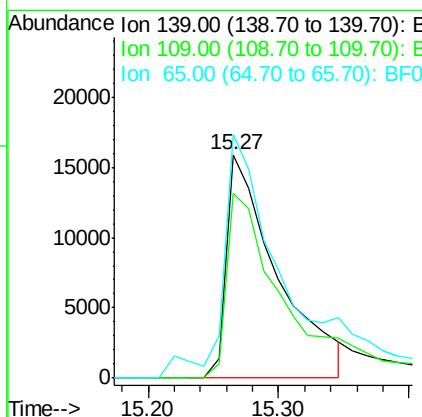
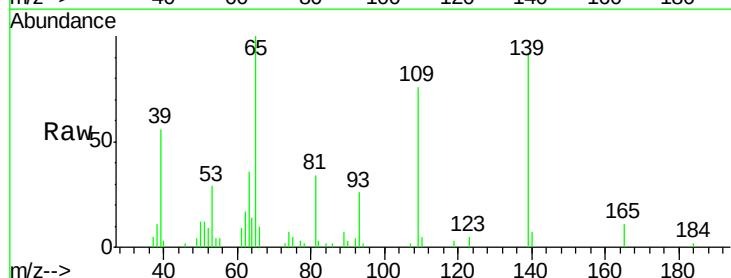
Instrument :
BNA_F
ClientSampleId :
PB81702BS

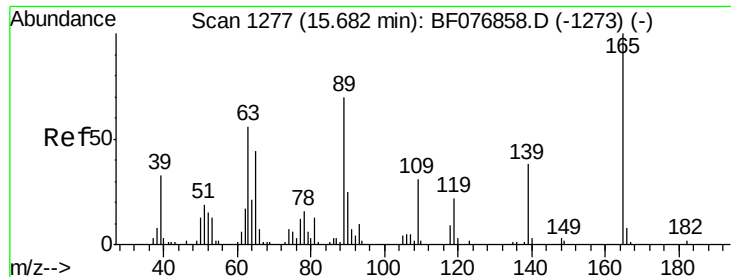
Tgt Ion:168 Resp: 231762
Ion Ratio Lower Upper
168 100
139 40.6 33.4 50.2
169 12.0 10.6 15.8



#55
4-Nitrophenol
Concen: 26.38 ng
RT: 15.27 min Scan# 1258
Delta R.T. -0.07 min
Lab File: BF077257.D
Acq: 11 Feb 2015 16:59

Tgt Ion:139 Resp: 43022
Ion Ratio Lower Upper
139 100
109 82.5 61.0 101.0
65 108.9 96.6 136.6





#56

2,4-Dinitrotoluene

Concen: 19.15 ng

RT: 15.23 min Scan# 1255

Delta R.T. -0.05 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

Instrument :

BNA_F

ClientSampleId :

PB81702BS

Tgt Ion:165 Resp: 55517

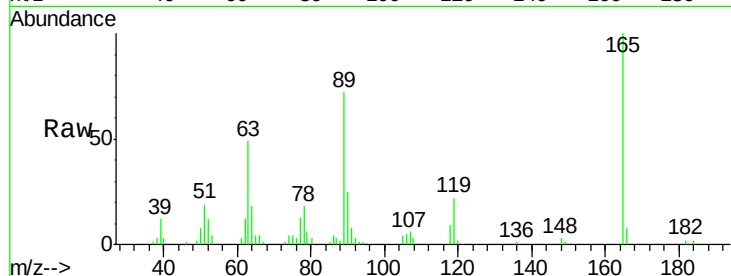
Ion Ratio Lower Upper

165 100

63 49.0 44.8 67.2

89 71.6 56.2 84.2

182 2.0 1.5 2.3

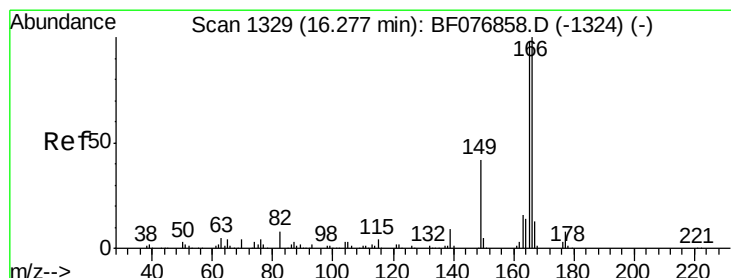
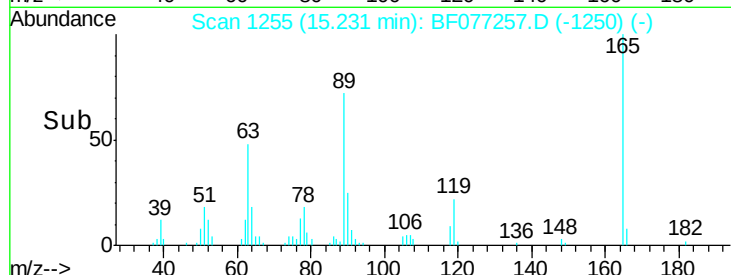
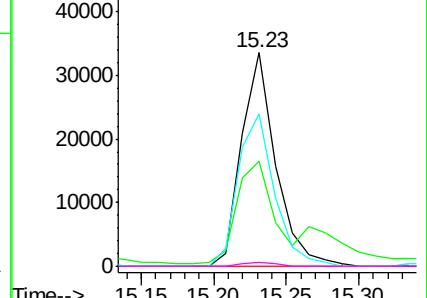


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 18.08 ng

RT: 15.85 min Scan# 1309

Delta R.T. -0.05 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

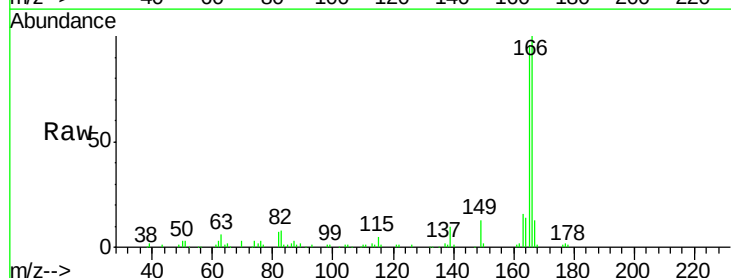
Tgt Ion:166 Resp: 191138

Ion Ratio Lower Upper

166 100

165 96.4 78.5 117.7

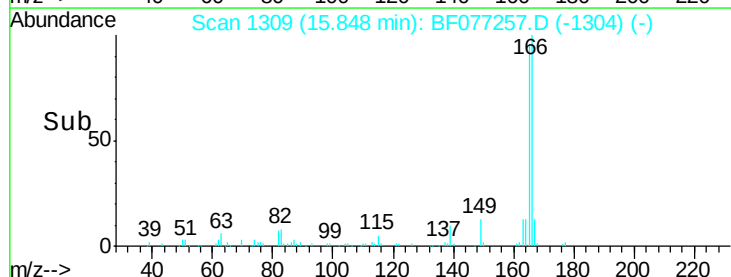
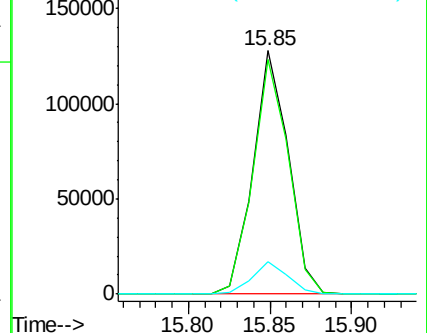
167 13.2 10.4 15.6

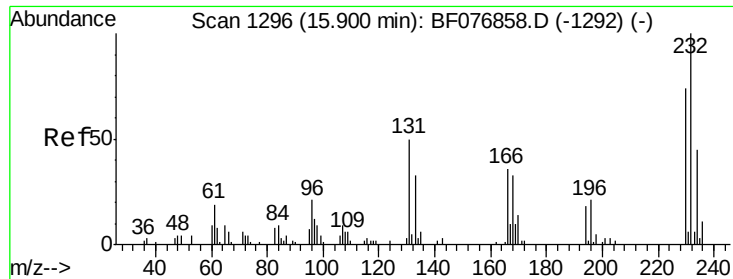


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

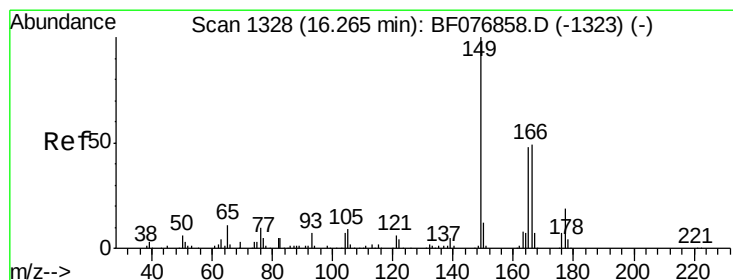
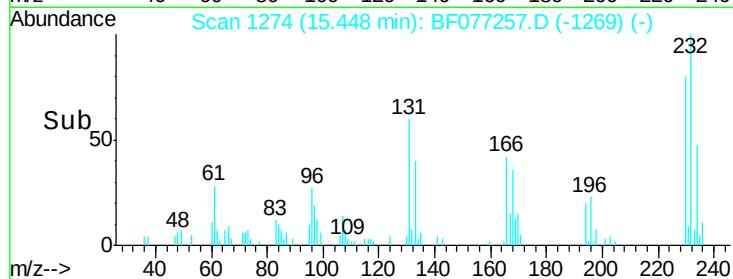
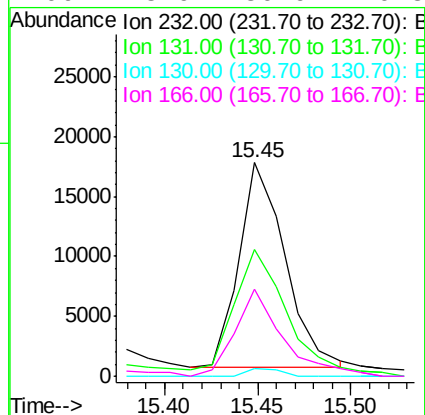
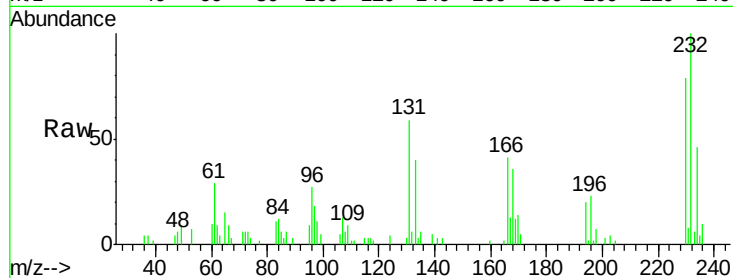




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 14.88 ng
 RT: 15.45 min Scan# 1274
 Delta R.T. -0.05 min
 Lab File: BF077257.D
 Acq: 11 Feb 2015 16:59

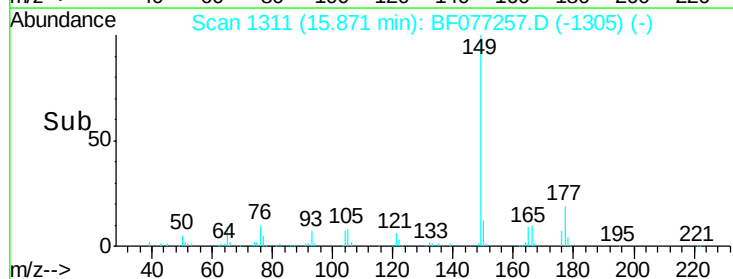
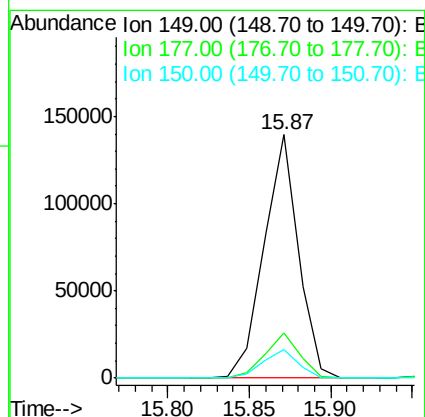
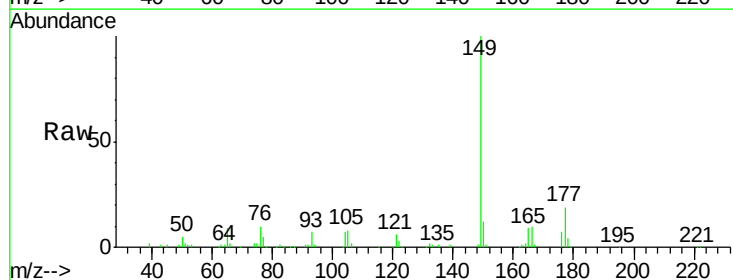
Instrument :
 BNA_F
 ClientSampleId :
 PB81702BS

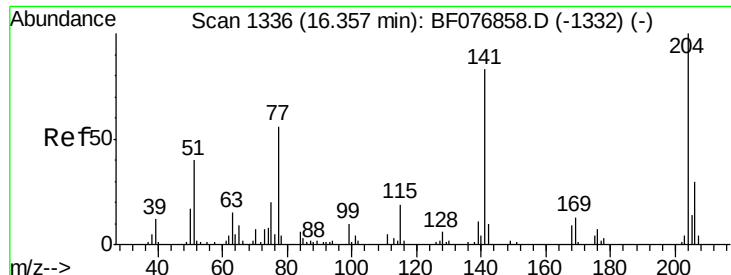
Tgt Ion:	232	Resp:	29192
Ion	Ratio	Lower	Upper
232	100		
131	63.4	45.0	67.6
130	2.5	2.6	3.8#
166	43.9	30.9	46.3



#59
 Diethylphthalate
 Concen: 19.48 ng
 RT: 15.87 min Scan# 1311
 Delta R.T. -0.03 min
 Lab File: BF077257.D
 Acq: 11 Feb 2015 16:59

Tgt Ion:	149	Resp:	204841
Ion	Ratio	Lower	Upper
149	100		
177	18.6	15.0	22.6
150	11.8	9.4	14.0

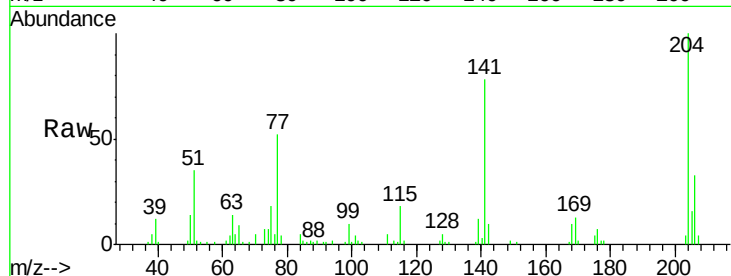




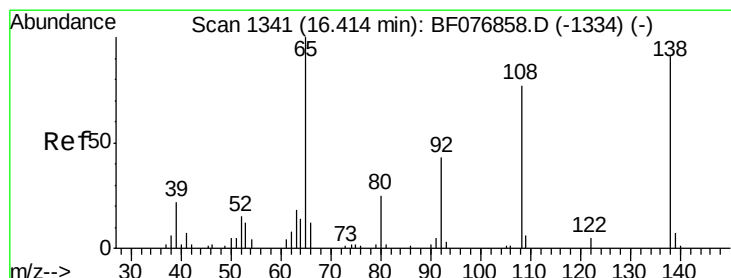
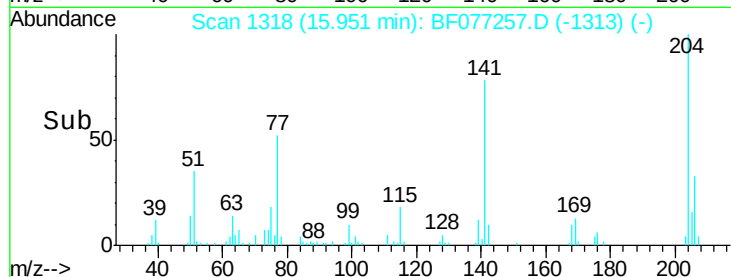
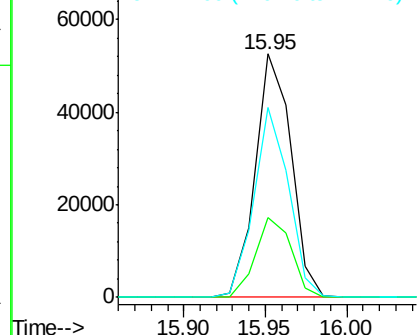
#60
4-Chlorophenyl-phenylether
Concen: 18.59 ng
RT: 15.95 min Scan# 1318
Delta R.T. -0.05 min
Lab File: BF077257.D
Acq: 11 Feb 2015 16:59

Instrument :
BNA_F
ClientSampleId :
PB81702BS

Tgt Ion:204 Resp: 80404
Ion Ratio Lower Upper
204 100
206 32.8 24.2 36.2
141 78.0 66.7 100.1

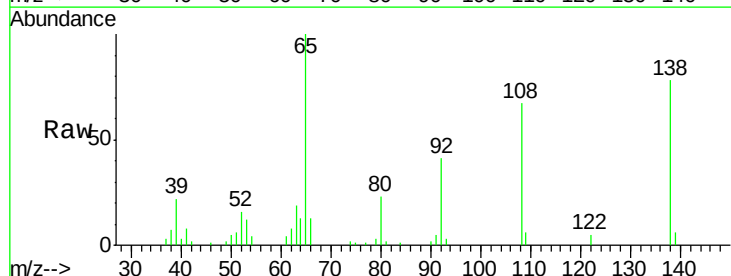


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

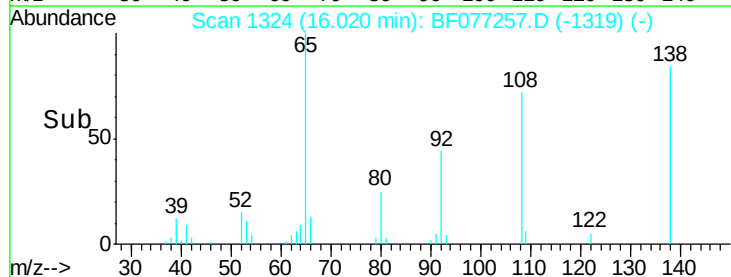
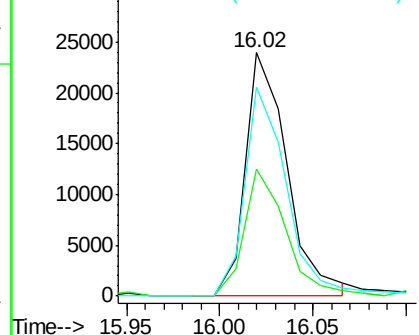


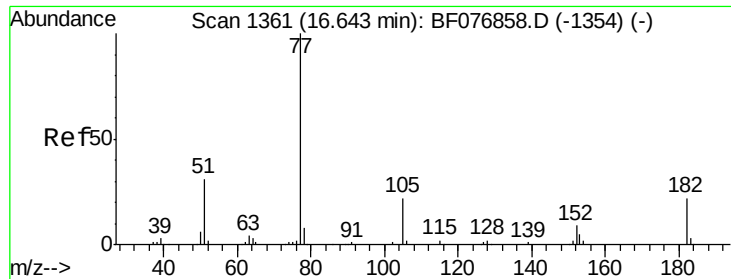
#61
4-Nitroaniline
Concen: 15.24 ng
RT: 16.02 min Scan# 1324
Delta R.T. -0.05 min
Lab File: BF077257.D
Acq: 11 Feb 2015 16:59

Tgt Ion:138 Resp: 37287
Ion Ratio Lower Upper
138 100
92 52.0 26.7 66.7
108 85.7 64.5 104.5



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: 18.63 ng

RT: 16.25 min Scan# 1344

Delta R.T. -0.05 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

Instrument :

BNA_F

ClientSampleId :

PB81702BS

Tgt Ion: 77 Resp: 204093

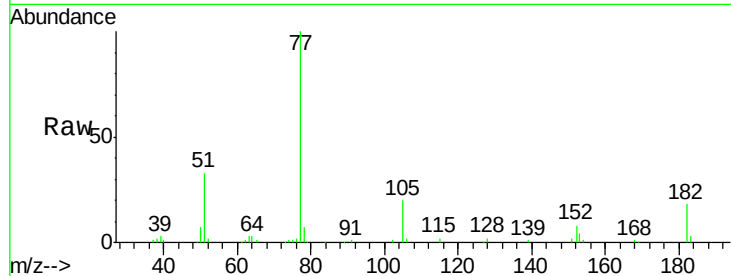
Ion Ratio Lower Upper

77 100

182 18.2 2.0 42.0

105 20.2 2.3 42.3

51 32.5 10.7 50.7

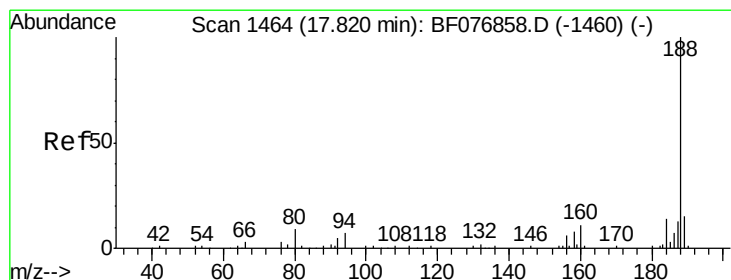
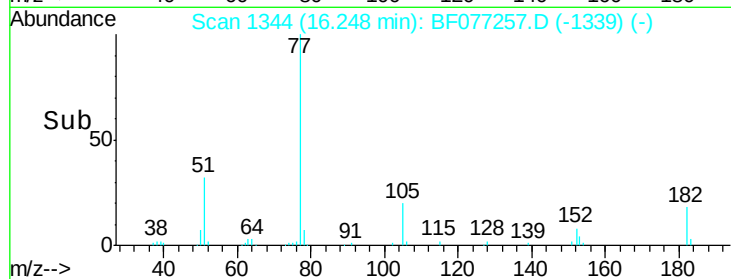
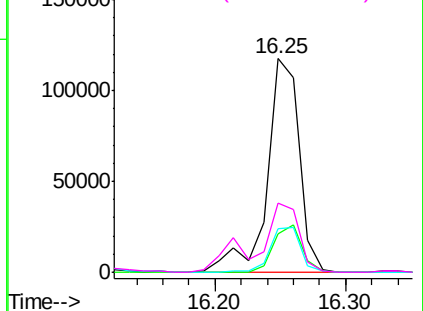


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 17.47 min Scan# 1451

Delta R.T. -0.03 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

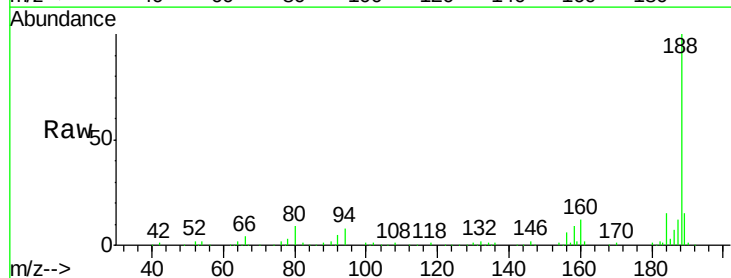
Tgt Ion: 188 Resp: 260901

Ion Ratio Lower Upper

188 100

94 8.4 6.0 9.0

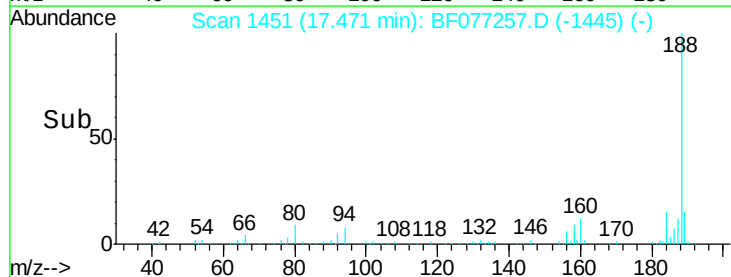
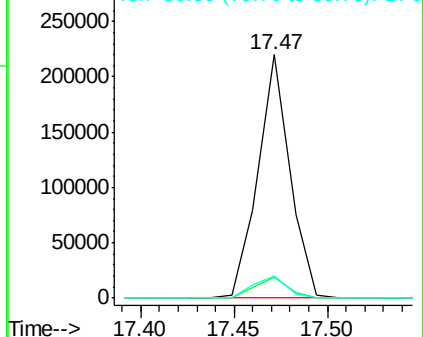
80 9.1 6.9 10.3

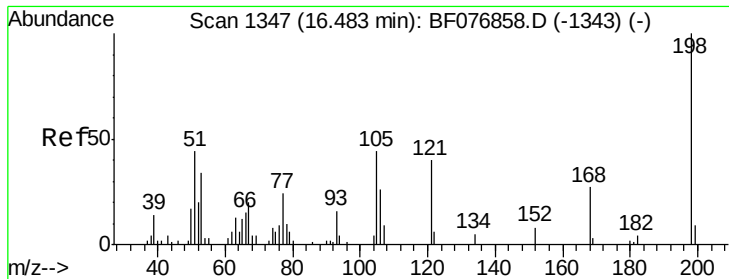


Abundance Ion 188.00 (187.70 to 188.70): E

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: 16.61 ng

RT: 16.10 min Scan# 1331

Delta R.T. -0.03 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

Instrument :

BNA_F

ClientSampleId :

PB81702BS

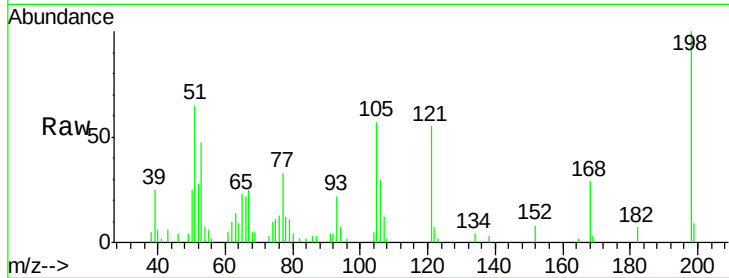
Tgt Ion:198 Resp: 23962

Ion Ratio Lower Upper

198 100

51 65.5 24.2 64.2#

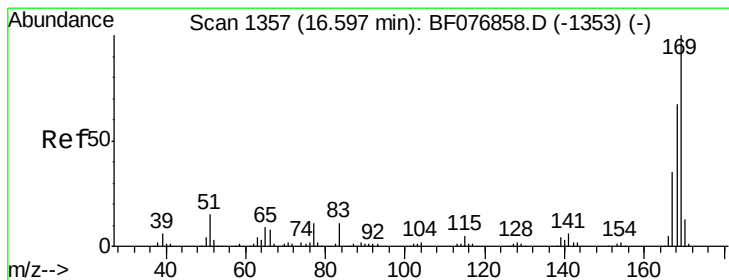
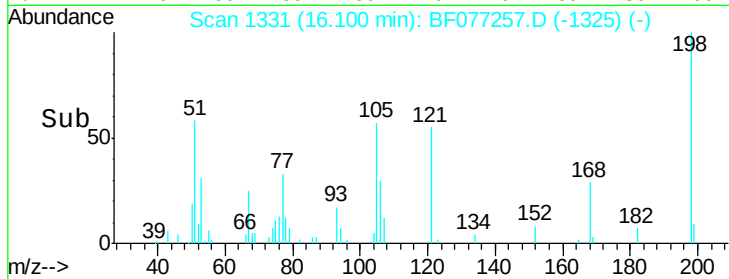
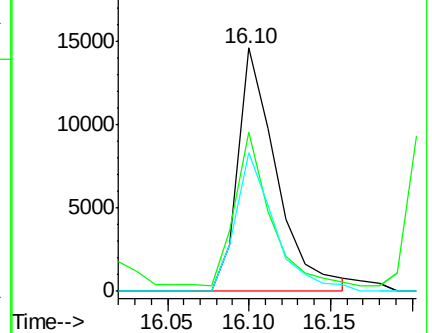
105 56.9 24.0 64.0



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: 16.84 ng

RT: 16.21 min Scan# 1341

Delta R.T. -0.03 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

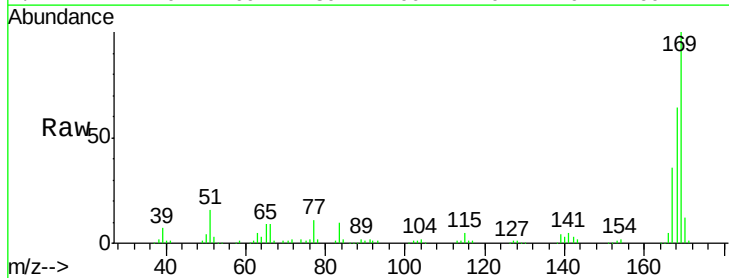
Tgt Ion:169 Resp: 156686

Ion Ratio Lower Upper

169 100

168 63.8 53.8 80.6

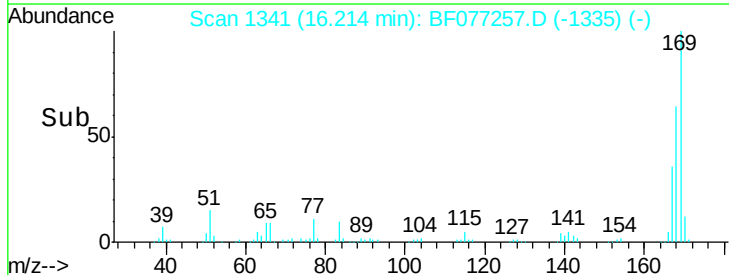
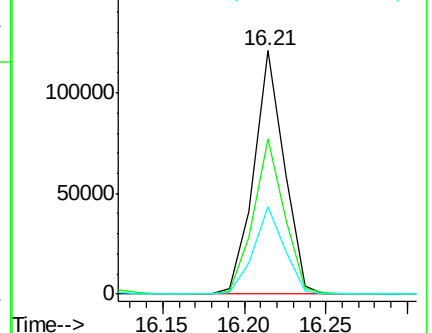
167 36.0 27.8 41.6

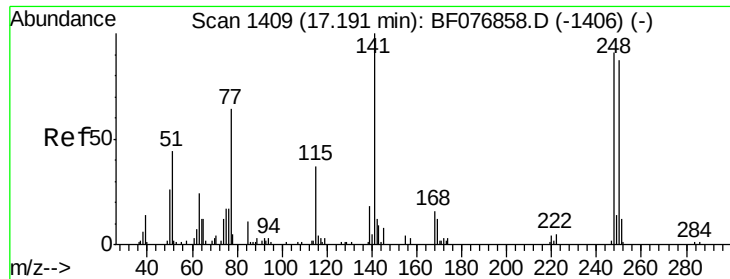


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#66

4-Bromophenyl-phenylether

Concen: 18.11 ng

RT: 16.83 min Scan# 1395

Delta R.T. -0.03 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

Instrument :

BNA_F

ClientSampleId :

PB81702BS

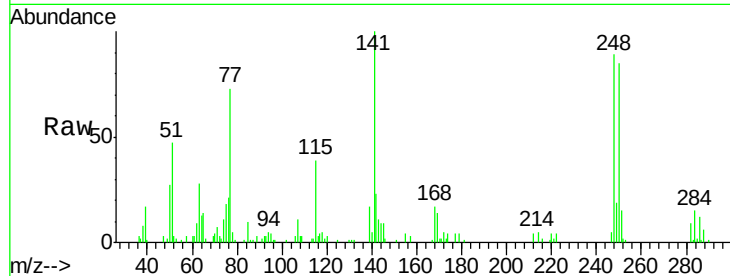
Tgt Ion:248 Resp: 47872

Ion Ratio Lower Upper

248 100

250 95.3 77.1 115.7

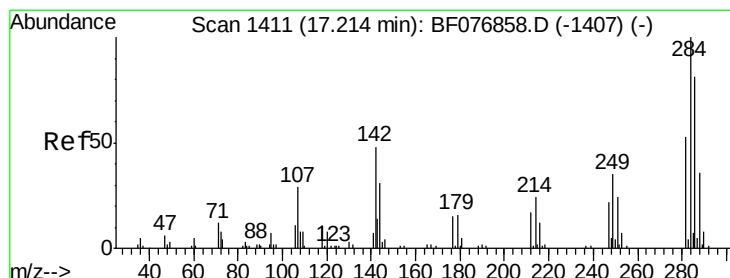
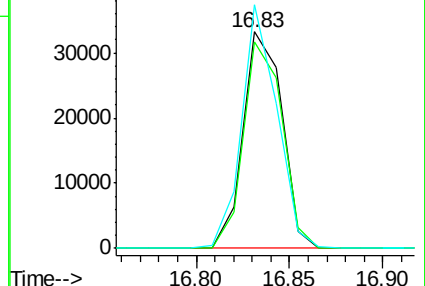
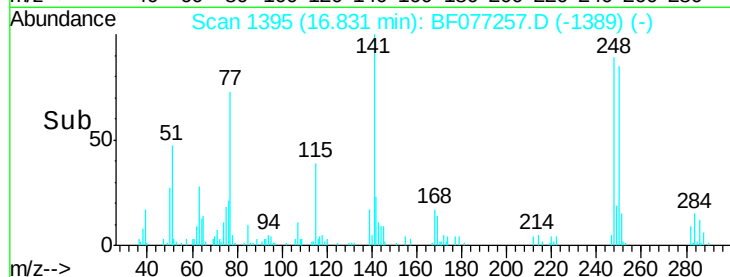
141 112.7 88.2 132.4



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: 16.48 ng

RT: 16.84 min Scan# 1396

Delta R.T. -0.03 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

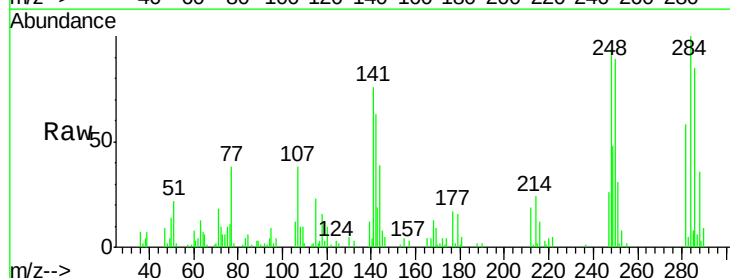
Tgt Ion:284 Resp: 45902

Ion Ratio Lower Upper

284 100

142 62.9 38.2 57.4#

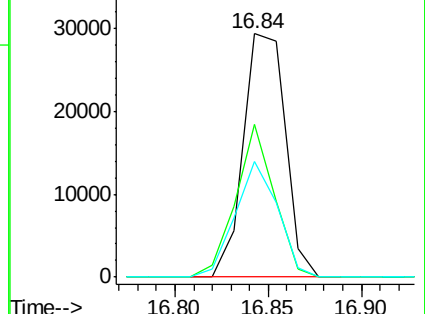
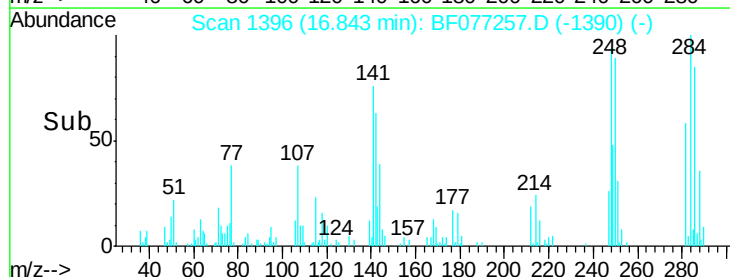
249 47.7 28.2 42.2#

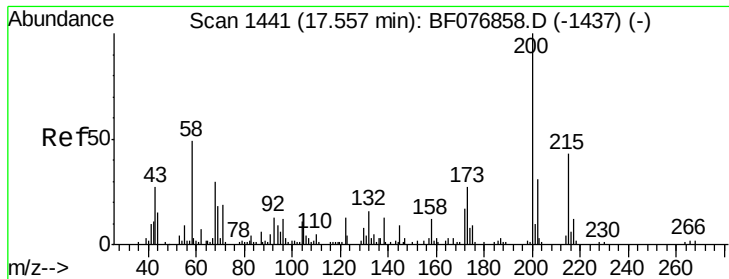


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#68

Atrazine

Concen: 17.71 ng

RT: 17.23 min Scan# 1430

Delta R.T. -0.03 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

Instrument :

BNA_F

ClientSampleId :

PB81702BS

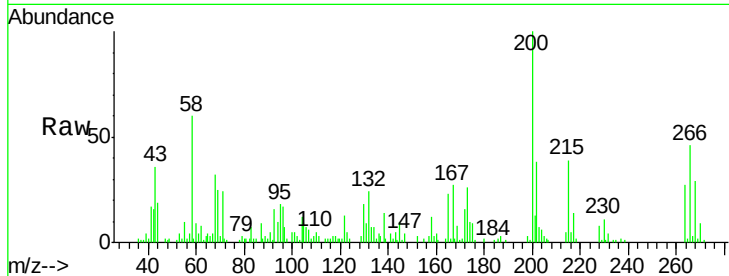
Tgt Ion:200 Resp: 50008

Ion Ratio Lower Upper

200 100

173 26.2 6.6 46.6

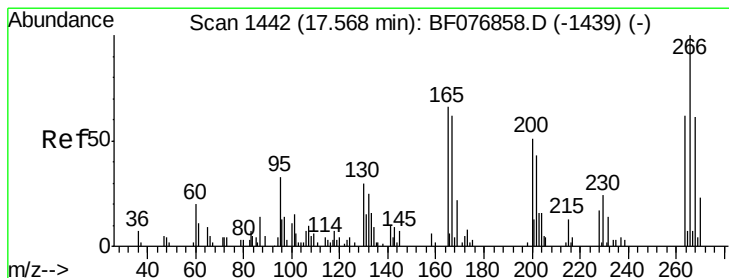
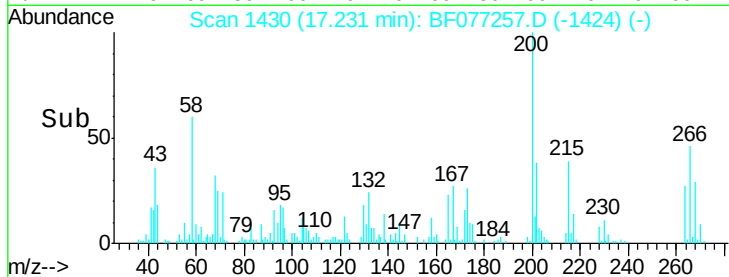
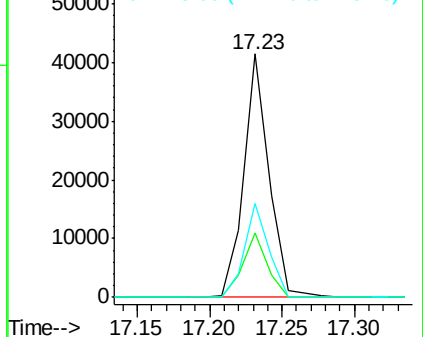
215 38.5 22.9 62.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 26.86 ng

RT: 17.23 min Scan# 1430

Delta R.T. -0.03 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

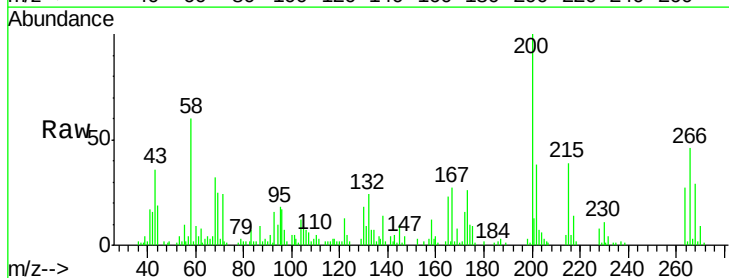
Tgt Ion:266 Resp: 27900

Ion Ratio Lower Upper

266 100

268 62.8 48.6 72.8

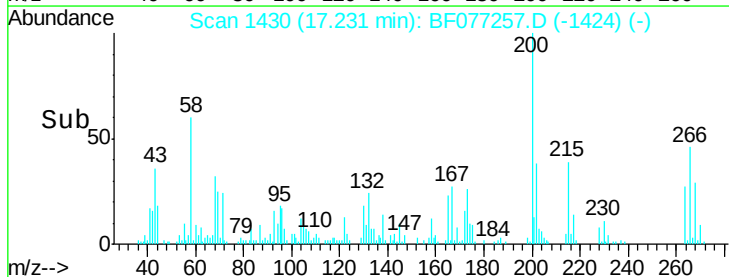
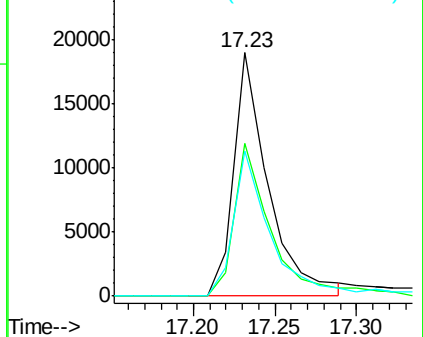
264 59.5 49.5 74.3

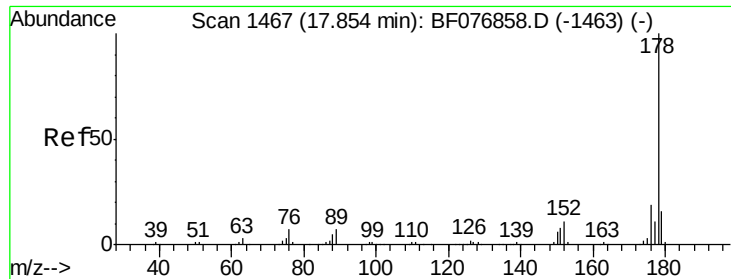


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

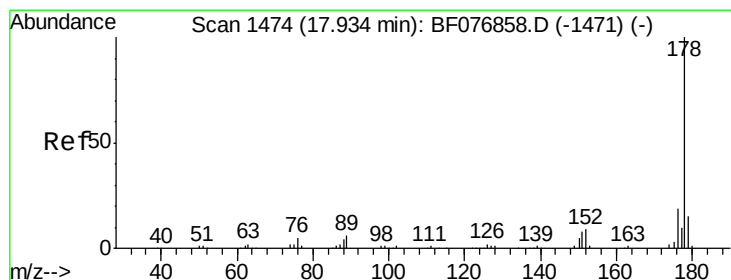
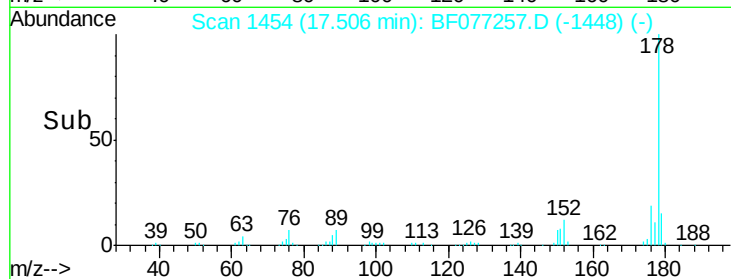
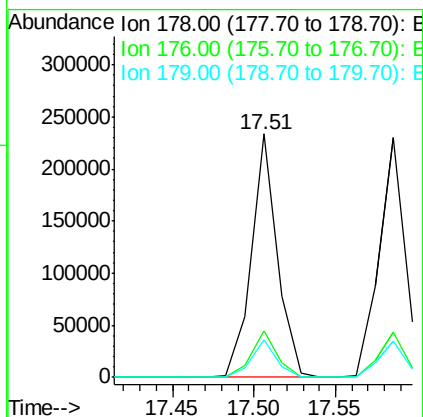
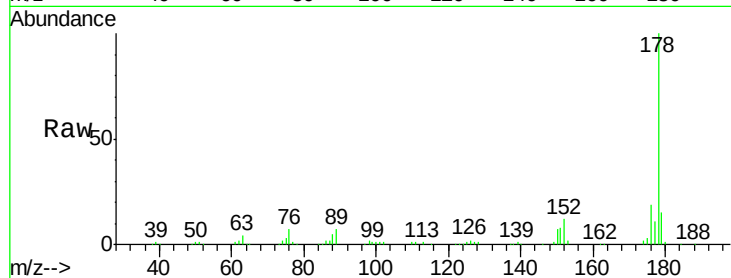




#70
 Phenanthrene
 Concen: 15.86 ng
 RT: 17.51 min Scan# 1454
 Delta R.T. -0.03 min
 Lab File: BF077257.D
 Acq: 11 Feb 2015 16:59

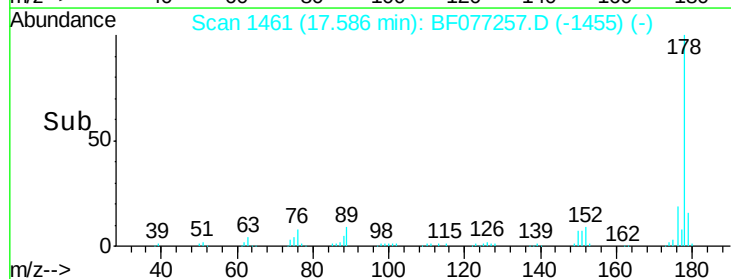
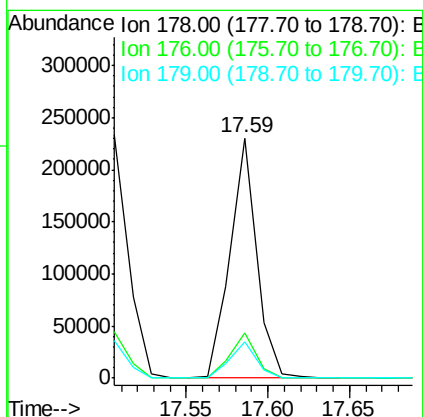
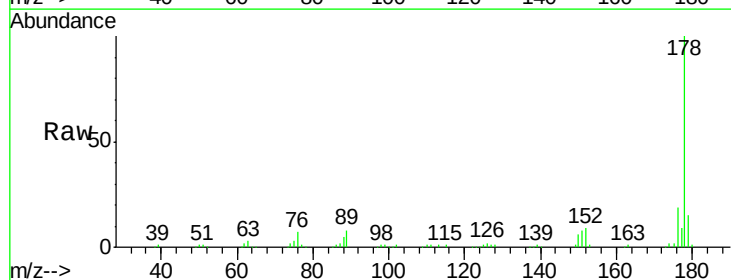
Instrument :
 BNA_F
 ClientSampleId :
 PB81702BS

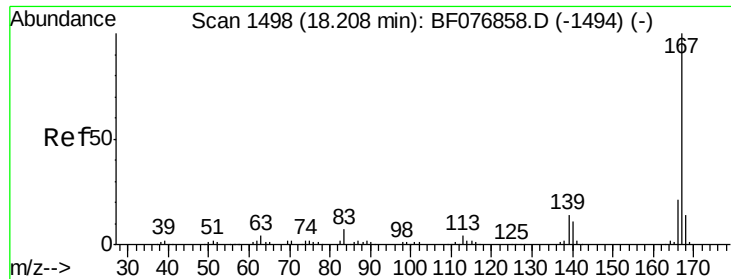
Tgt Ion:178 Resp: 258040
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.1 22.7
 179 15.2 12.7 19.1



#71
 Anthracene
 Concen: 16.41 ng
 RT: 17.59 min Scan# 1461
 Delta R.T. -0.03 min
 Lab File: BF077257.D
 Acq: 11 Feb 2015 16:59

Tgt Ion:178 Resp: 260385
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.0
 179 15.1 11.9 17.9





#72

Carbazole

Concen: 16.40 ng

RT: 17.88 min Scan# 1487

Delta R.T. -0.03 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

Instrument :

BNA_F

ClientSampleId :

PB81702BS

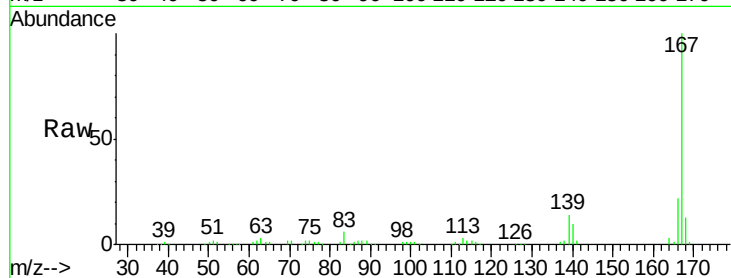
Tgt Ion:167 Resp: 252320

Ion Ratio Lower Upper

167 100

166 21.6 17.0 25.6

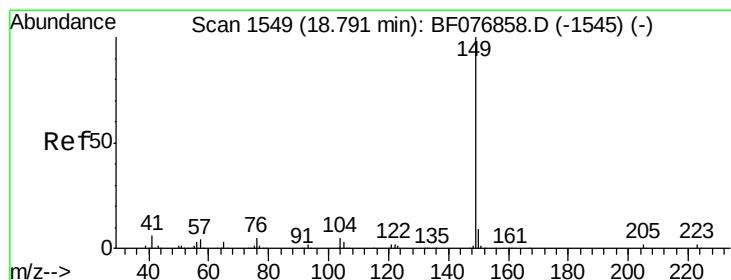
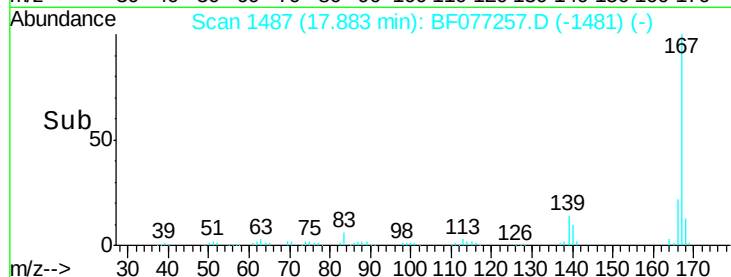
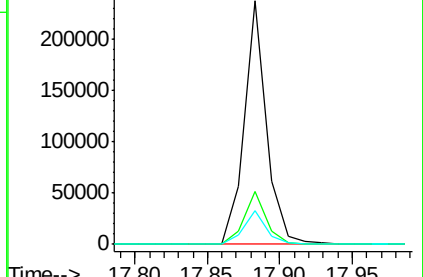
139 13.8 11.3 16.9



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 18.51 ng

RT: 18.49 min Scan# 1540

Delta R.T. -0.03 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

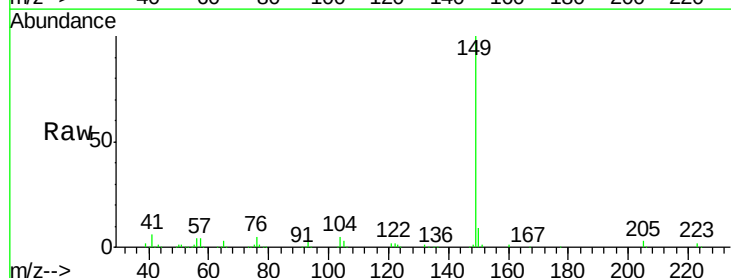
Tgt Ion:149 Resp: 329661

Ion Ratio Lower Upper

149 100

150 9.0 6.9 10.3

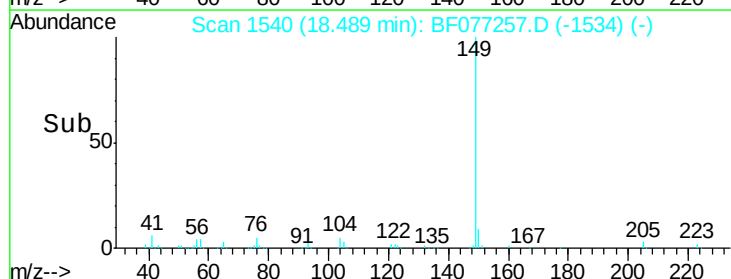
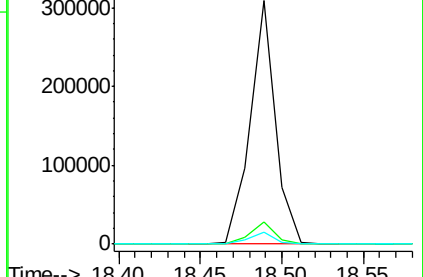
104 5.1 3.7 5.5

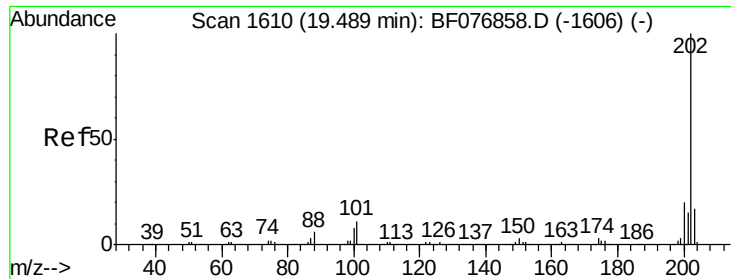


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 15.71 ng

RT: 19.16 min Scan# 1599

Delta R.T. -0.03 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

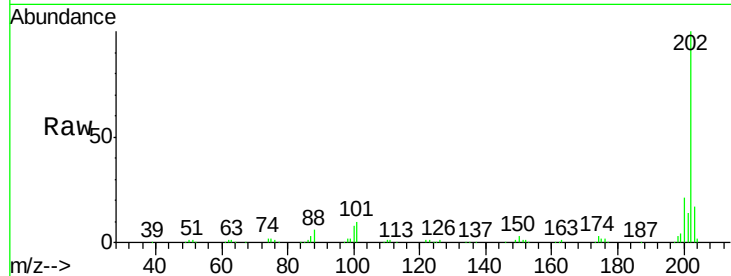
Instrument :

BNA_F

ClientSampleId :

PB81702BS

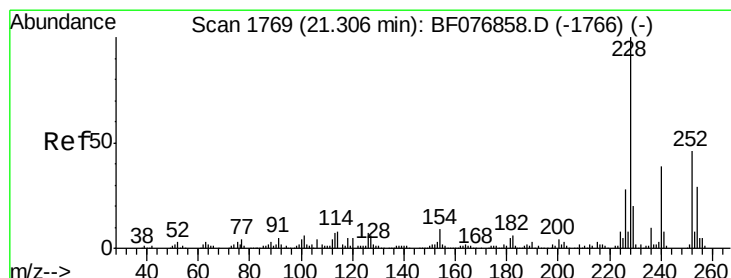
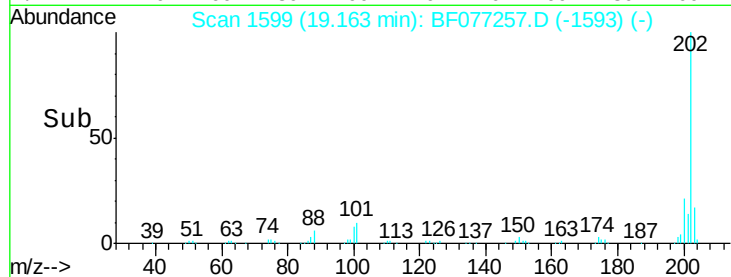
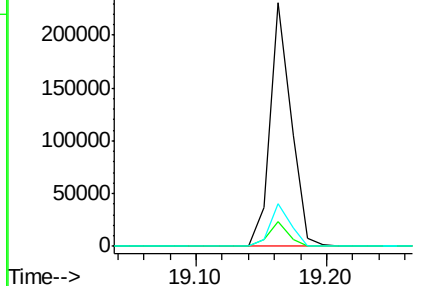
Tgt Ion:	202	Resp:	261975
Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	30.7
203	17.5	0.0	36.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

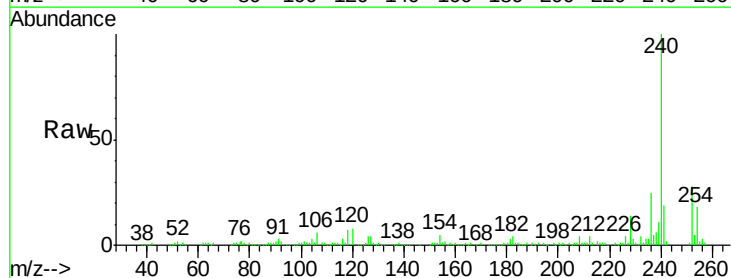
RT: 20.99 min Scan# 1759

Delta R.T. -0.02 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

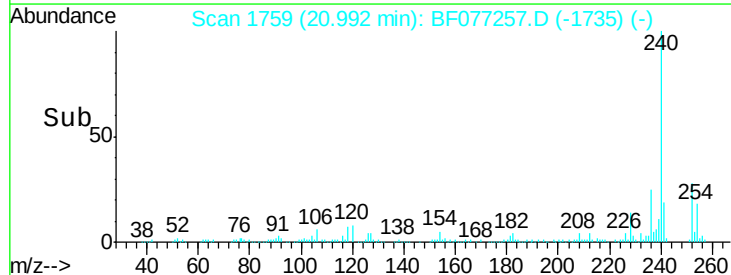
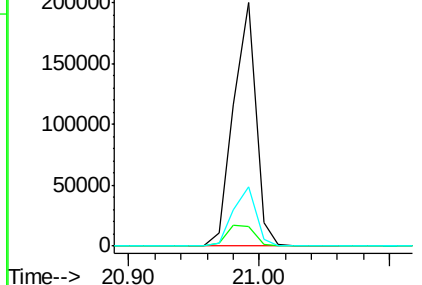
Tgt Ion:	240	Resp:	239633
Ion	Ratio	Lower	Upper
240	100		
120	8.1	10.4	15.6#
236	24.5	20.2	30.2

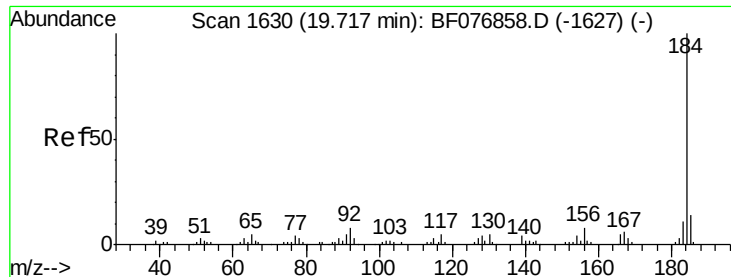


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

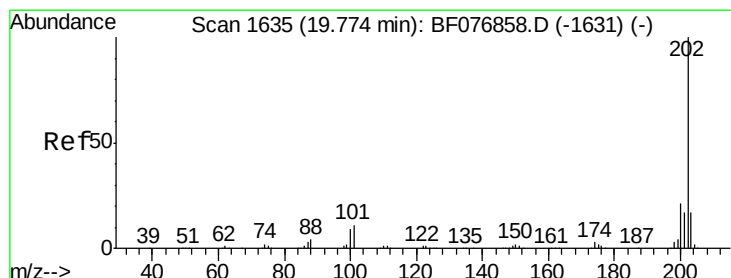
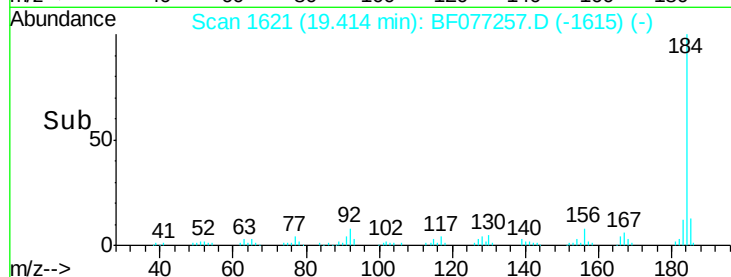
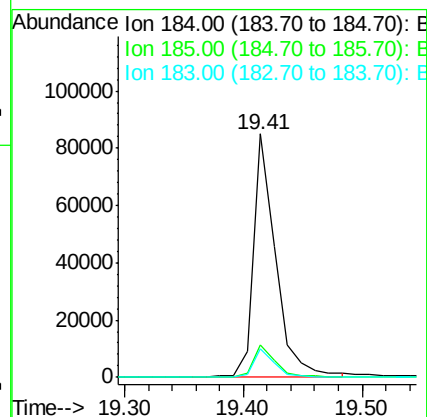
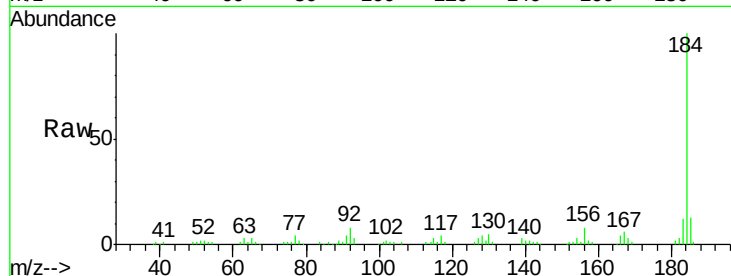




#76
Benzidine
Concen: 14.59 ng
RT: 19.41 min Scan# 1621
Delta R.T. -0.03 min
Lab File: BF077257.D
Acq: 11 Feb 2015 16:59

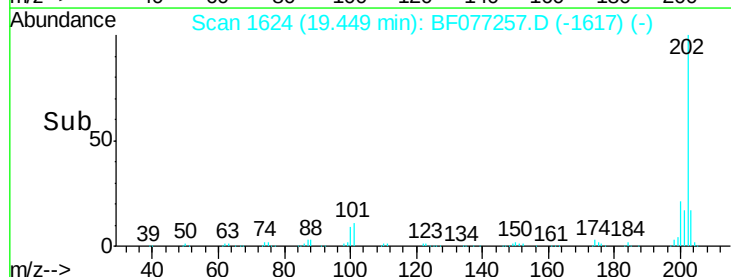
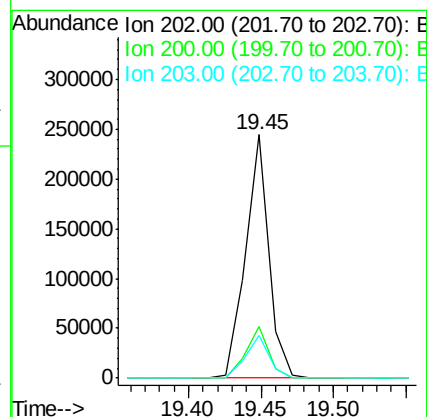
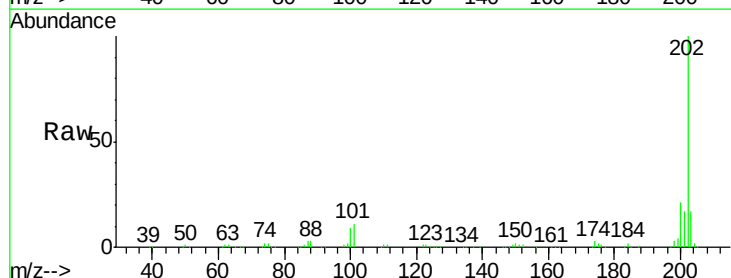
Instrument :
BNA_F
ClientSampleId :
PB81702BS

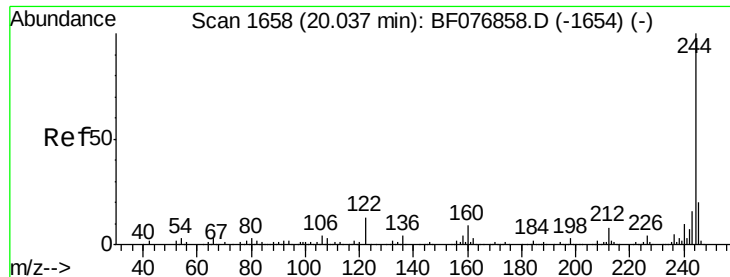
Tgt Ion:184 Resp: 111845
Ion Ratio Lower Upper
184 100
185 13.5 11.4 17.2
183 11.8 9.0 13.6



#77
Pyrene
Concen: 16.56 ng
RT: 19.45 min Scan# 1624
Delta R.T. -0.02 min
Lab File: BF077257.D
Acq: 11 Feb 2015 16:59

Tgt Ion:202 Resp: 271892
Ion Ratio Lower Upper
202 100
200 21.2 16.7 25.1
203 17.3 14.0 21.0

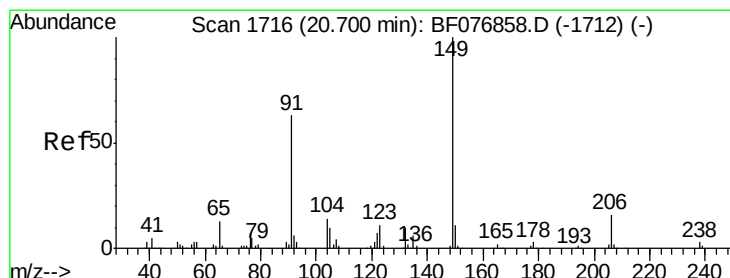
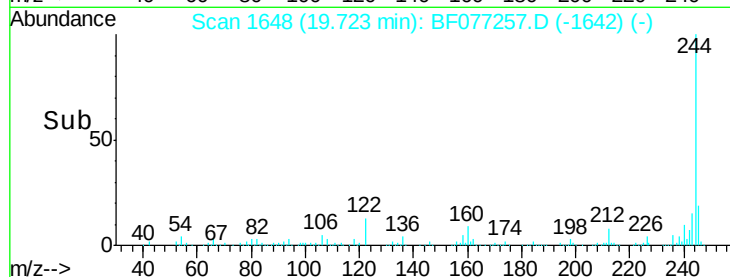
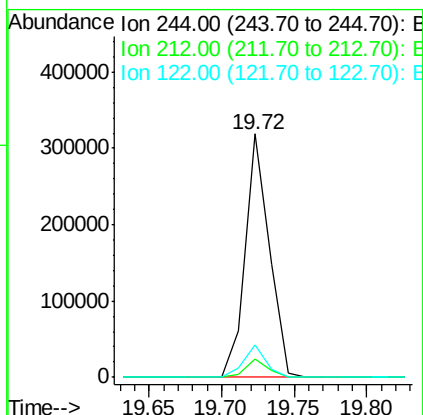
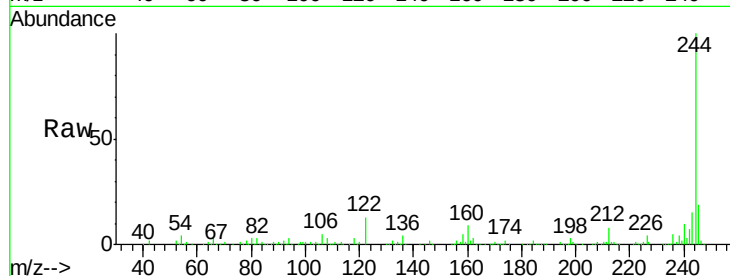




#78
 Terphenyl-d14
 Concen: 35.22 ng
 RT: 19.72 min Scan# 1648
 Delta R.T. -0.03 min
 Lab File: BF077257.D
 Acq: 11 Feb 2015 16:59

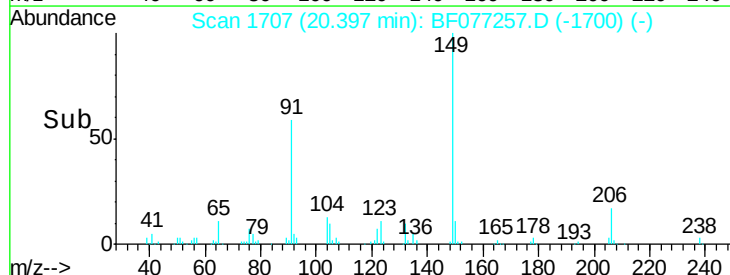
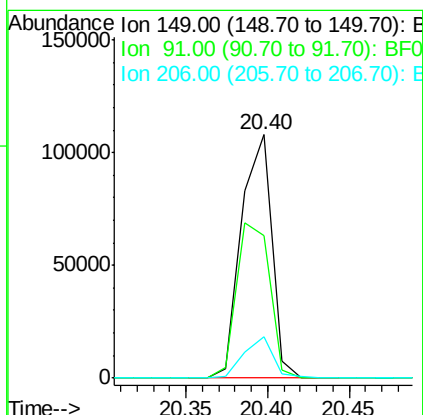
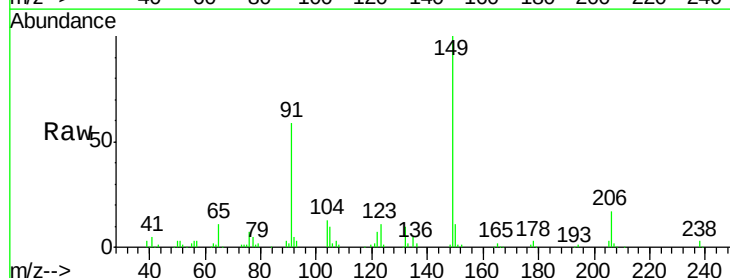
Instrument :
 BNA_F
 ClientSampleId :
 PB81702BS

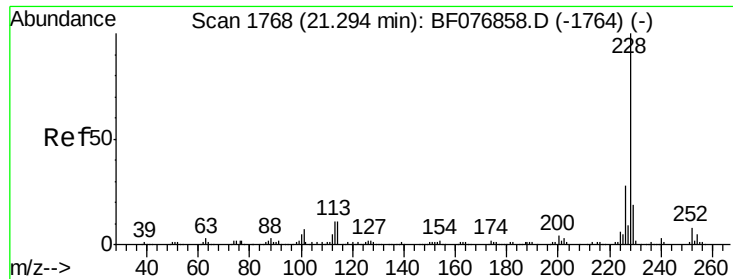
Tgt Ion:244 Resp: 366566
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.3 9.5
 122 13.4 10.1 15.1



#79
 Butylbenzylphthalate
 Concen: 18.71 ng
 RT: 20.40 min Scan# 1707
 Delta R.T. -0.02 min
 Lab File: BF077257.D
 Acq: 11 Feb 2015 16:59

Tgt Ion:149 Resp: 139152
 Ion Ratio Lower Upper
 149 100
 91 58.7 50.6 76.0
 206 17.1 12.8 19.2

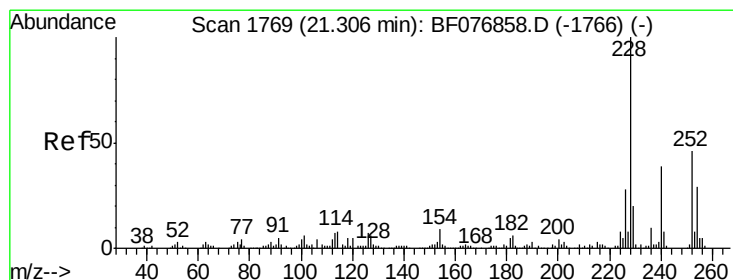
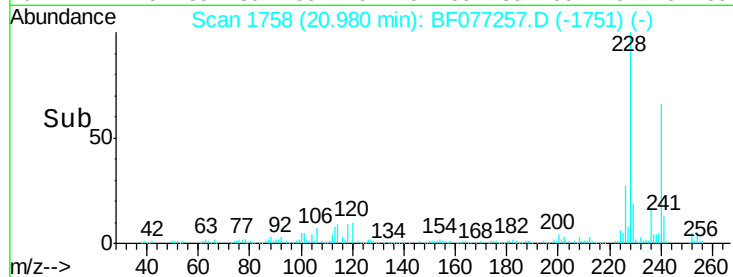
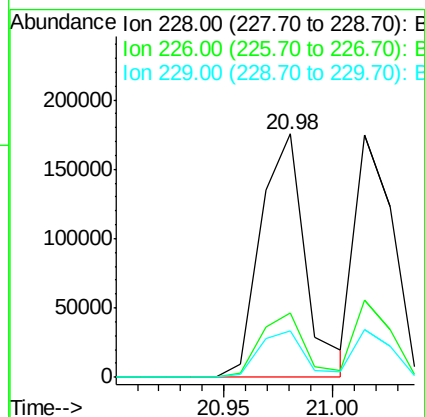
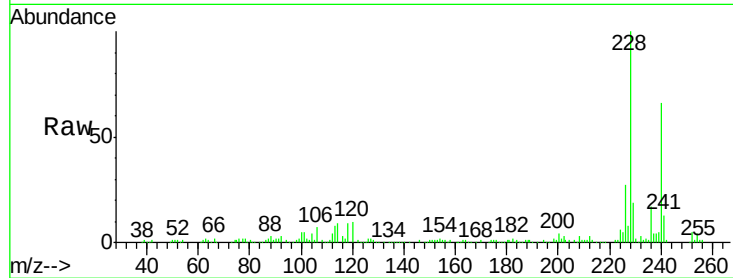




#80
Benzo(a)anthracene
Concen: 16.79 ng
RT: 20.98 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BF077257.D
Acq: 11 Feb 2015 16:59

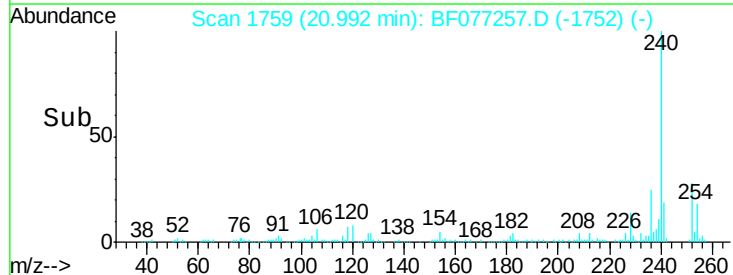
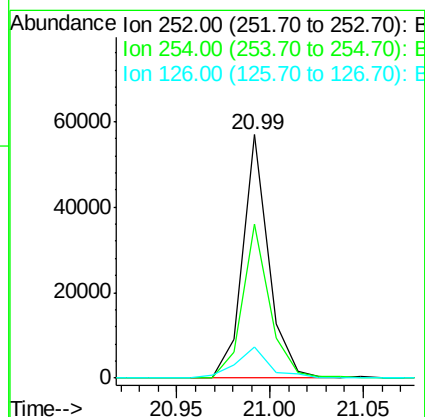
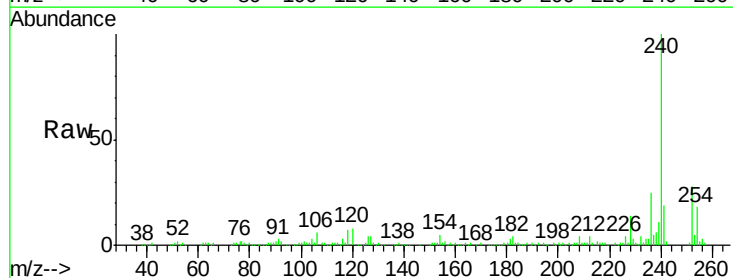
Instrument :
BNA_F
ClientSampleId :
PB81702BS

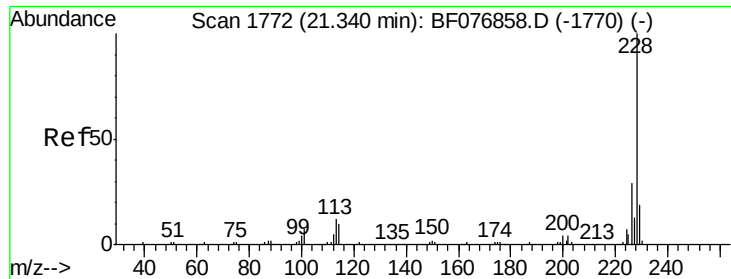
Tgt Ion: 228 Resp: 252468
Ion Ratio Lower Upper
228 100
226 26.6 22.1 33.1
229 19.3 15.5 23.3



#81
3,3'-Dichlorobenzidine
Concen: 11.62 ng
RT: 20.99 min Scan# 1759
Delta R.T. -0.02 min
Lab File: BF077257.D
Acq: 11 Feb 2015 16:59

Tgt Ion: 252 Resp: 55539
Ion Ratio Lower Upper
252 100
254 63.0 50.2 75.4
126 12.7 11.5 17.3





#82

Chrysene

Concen: 15.34 ng

RT: 21.01 min Scan# 1761

Delta R.T. -0.03 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

Instrument :

BNA_F

ClientSampleId :

PB81702BS

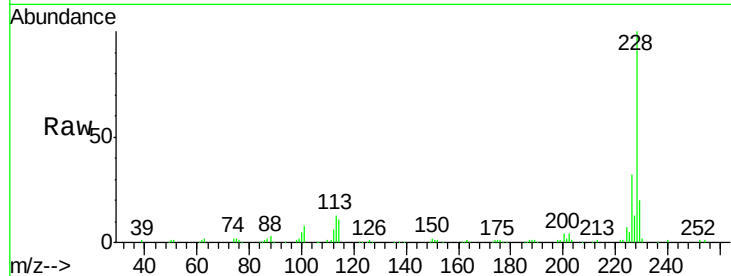
Tgt Ion: 228 Resp: 210326

Ion Ratio Lower Upper

228 100

226 31.8 23.4 35.0

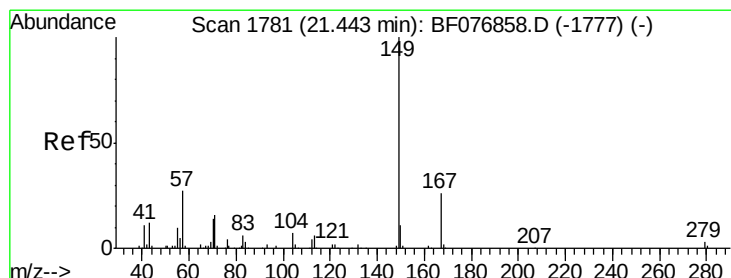
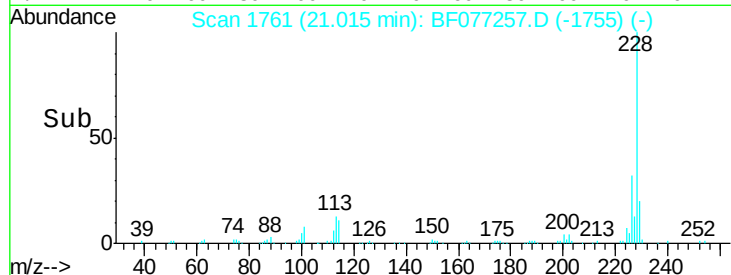
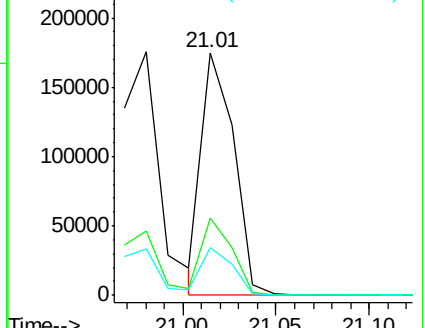
229 19.6 15.4 23.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 19.57 ng

RT: 21.14 min Scan# 1772

Delta R.T. -0.02 min

Lab File: BF077257.D

Acq: 11 Feb 2015 16:59

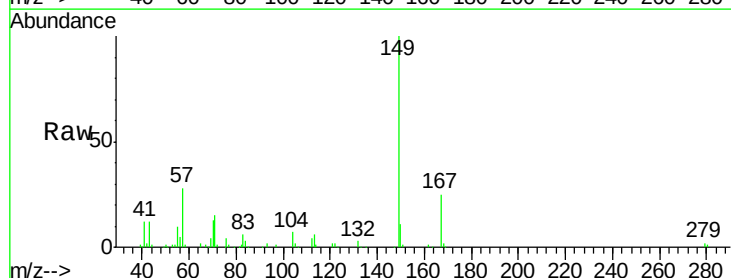
Tgt Ion: 149 Resp: 201421

Ion Ratio Lower Upper

149 100

167 25.2 20.6 30.8

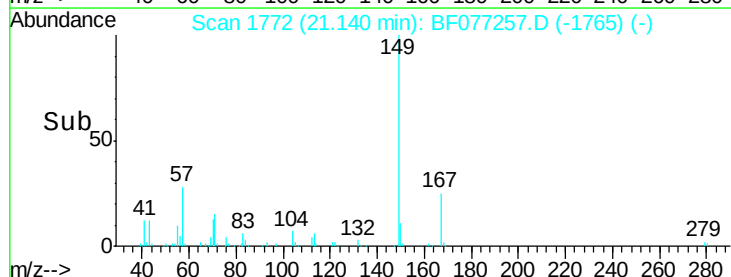
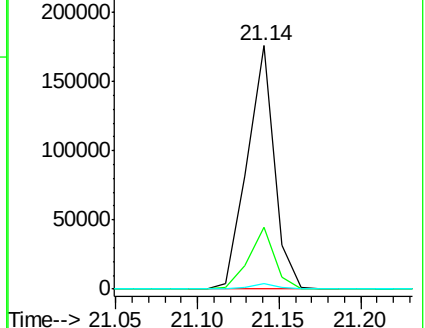
279 2.5 2.2 3.2

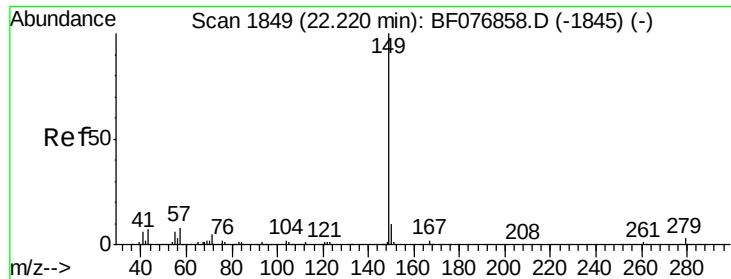


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

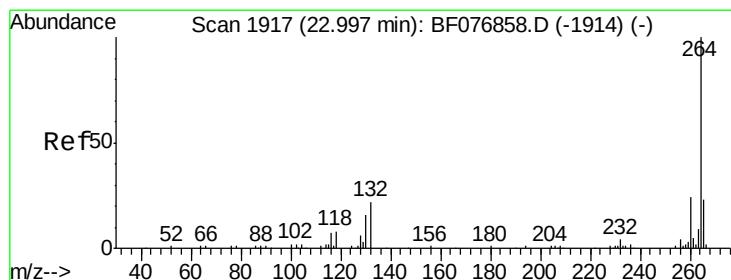
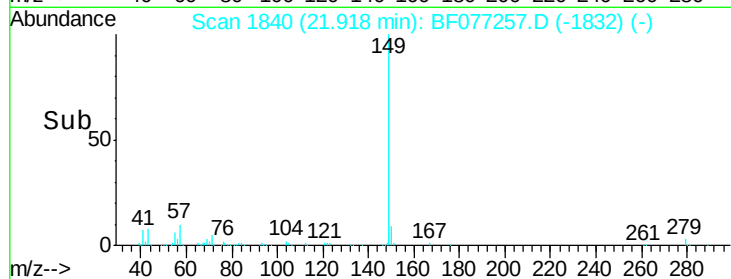
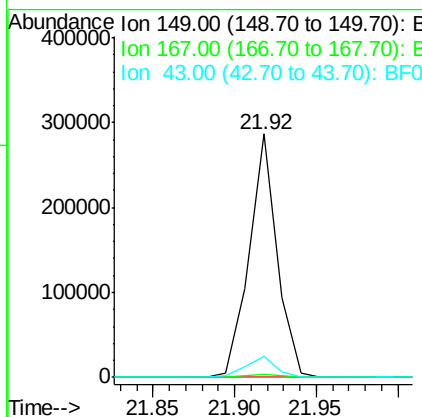
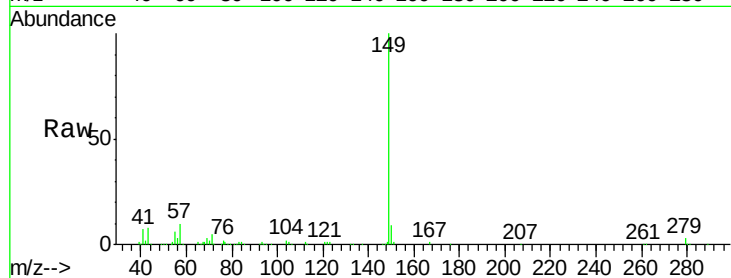




#84
Di-n-octyl phthalate
Concen: 19.04 ng
RT: 21.92 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF077257.D
Acq: 11 Feb 2015 16:59

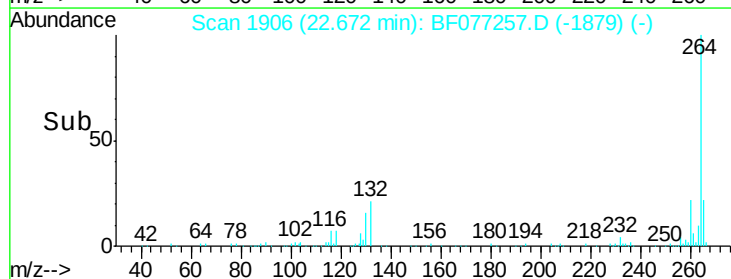
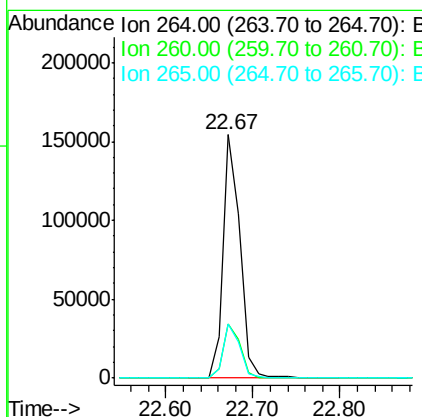
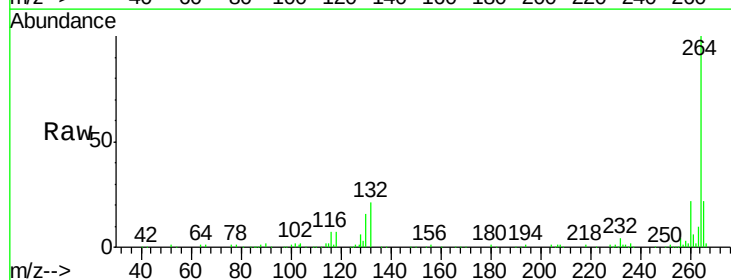
Instrument :
BNA_F
ClientSampleId :
PB81702BS

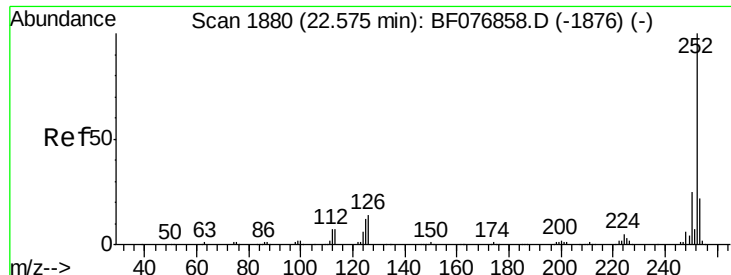
Tgt Ion:149 Resp: 340037
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 9.0 6.6 10.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 22.67 min Scan# 1906
Delta R.T. 0.01 min
Lab File: BF077257.D
Acq: 11 Feb 2015 16:59

Tgt Ion:264 Resp: 208610
Ion Ratio Lower Upper
264 100
260 22.4 19.0 28.4
265 22.2 18.1 27.1

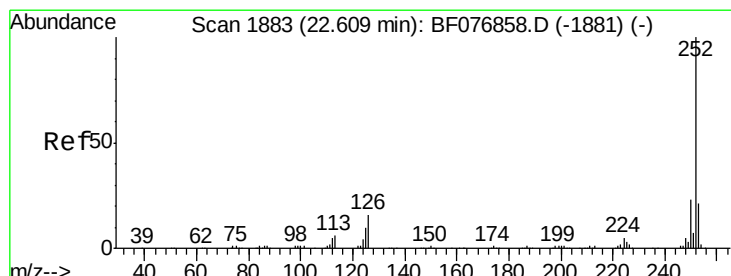
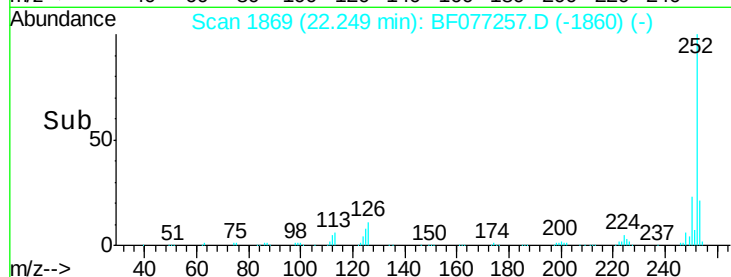
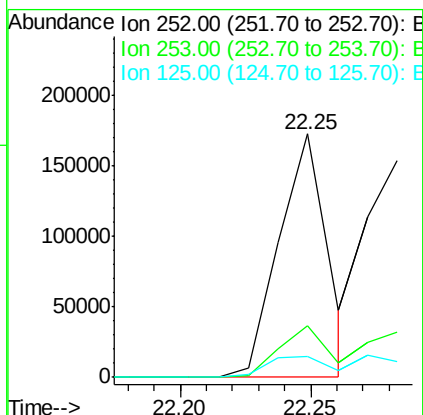
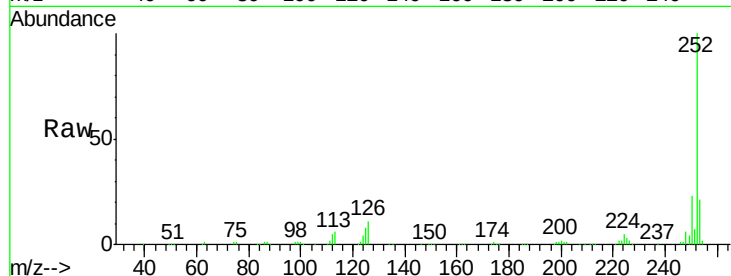




#87
Benzo(b)fluoranthene
Concen: 15.74 ng
RT: 22.25 min Scan# 1869
Delta R.T. 0.00 min
Lab File: BF077257.D
Acq: 11 Feb 2015 16:59

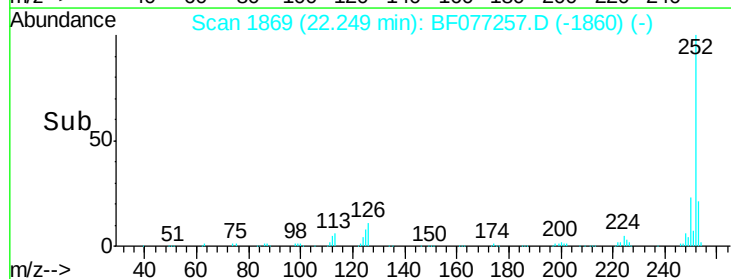
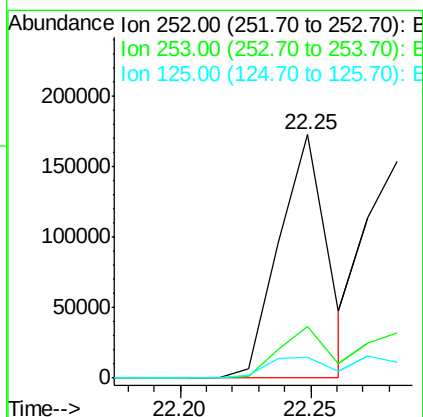
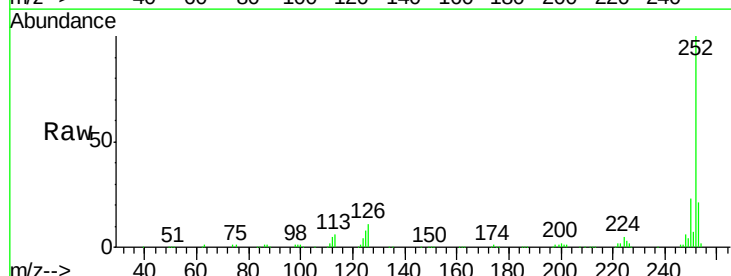
Instrument :
BNA_F
ClientSampleId :
PB81702BS

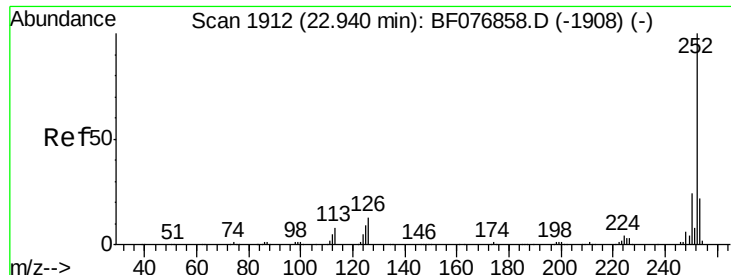
Tgt Ion: 252 Resp: 221098
Ion Ratio Lower Upper
252 100
253 21.2 17.5 26.3
125 8.5 9.4 14.0#



#88
Benzo(k)fluoranthene
Concen: 18.01 ng
RT: 22.25 min Scan# 1869
Delta R.T. 0.00 min
Lab File: BF077257.D
Acq: 11 Feb 2015 16:59

Tgt Ion: 252 Resp: 221098
Ion Ratio Lower Upper
252 100
253 21.2 17.2 25.8
125 8.5 7.1 10.7





#89

Benzo(a)pyrene

Concen: 17.21 ng

RT: 22.61 min Scan# 1901

Delta R.T. 0.02 min

Lab File: BF077257.D

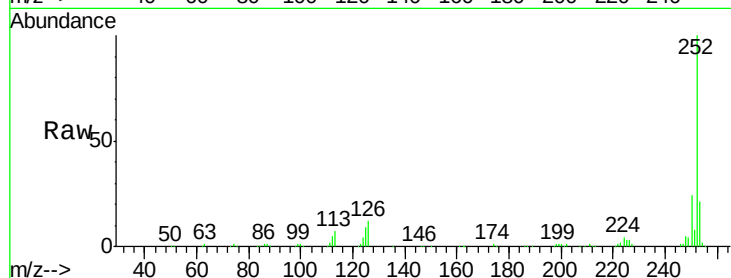
Acq: 11 Feb 2015 16:59

Instrument :

BNA_F

ClientSampleId :

PB81702BS



Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.9	26.9
125	8.8	7.2	10.8

