

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031715\
 Data File : BF077777.D
 Acq On : 17 Mar 2015 17:50
 Operator : TP/IZ
 Sample : PB82148BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82148BS

Quant Time: Mar 18 00:06:40 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 00:52:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	37799	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	159283	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	76580	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	151127	20.00	ng	0.00
75) Chrysene-d12	16.03	240	163224	20.00	ng	0.00
86) Perylene-d12	17.78	264	160120	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	189108	87.33	ng	0.00
7) Phenol-d6	6.73	99	242086	90.48	ng	0.00
23) Nitrobenzene-d5	7.86	82	175868	72.38	ng	0.00
41) 2,4,6-Tribromophenol	11.88	330	58007	79.17	ng	-0.01
44) 2-Fluorobiphenyl	10.09	172	403357	77.41	ng	0.00
78) Terphenyl-d14	14.74	244	472684	70.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.06	88	35606	36.22	ng	# 100
3) Pyridine	2.75	79	109995	41.64	ng	97
4) n-Nitrosodimethylamine	2.68	42	41471	36.05	ng	96
6) Aniline	6.75	93	80552	21.05	ng	# 59
8) 2-Chlorophenol	6.89	128	116844	45.33	ng	98
9) Benzaldehyde	6.60	77	7256	6.62	ng	95
10) Phenol	6.74	94	139163	44.00	ng	89
11) bis(2-Chloroethyl)ether	6.85	93	111025	46.87	ng	99
12) 1,3-Dichlorobenzene	7.08	146	125869	43.90	ng	98
13) 1,4-Dichlorobenzene	7.18	146	121371	40.74	ng	100
14) 1,2-Dichlorobenzene	7.37	146	120708	44.20	ng	98
15) Benzyl Alcohol	7.34	79	89656	42.93	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.53	45	140739	44.09	ng	100
17) 2-Methylphenol	7.49	107	92596	44.13	ng	98
18) Hexachloroethane	7.78	117	40842	41.80	ng	97
19) n-Nitroso-di-n-propylamine	7.68	70	75860	40.99	ng	98
20) 3+4-Methylphenols	7.69	107	119145	43.27	ng	96
22) Acetophenone	7.66	105	153135	43.43	ng	# 98
24) Nitrobenzene	7.88	77	112201	42.86	ng	# 80
25) Isophorone	8.18	82	211126	43.02	ng	98
26) 2-Nitrophenol	8.27	139	57386	44.78	ng	96
27) 2,4-Dimethylphenol	8.34	122	106013	45.40	ng	95
28) bis(2-Chloroethoxy)methane	8.46	93	130818	43.92	ng	98
29) 2,4-Dichlorophenol	8.57	162	98682	44.34	ng	97
30) 1,2,4-Trichlorobenzene	8.67	180	103119	41.41	ng	99
31) Naphthalene	8.76	128	337268	41.23	ng	100
32) Benzoic acid	8.45	122	53976	41.87	ng	91
33) 4-Chloroaniline	8.84	127	74490	22.44	ng	96
34) Hexachlorobutadiene	8.92	225	56902	40.32	ng	95
35) Caprolactam	9.26	113	29429	45.25	ng	97
36) 4-Chloro-3-methylphenol	9.45	107	98182	43.85	ng	# 83
37) 2-Methylnaphthalene	9.62	142	234756	42.72	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.82	216	98168	42.98	ng	# 100
40) Hexachlorocyclopentadiene	9.81	237	98286	85.72	ng	99

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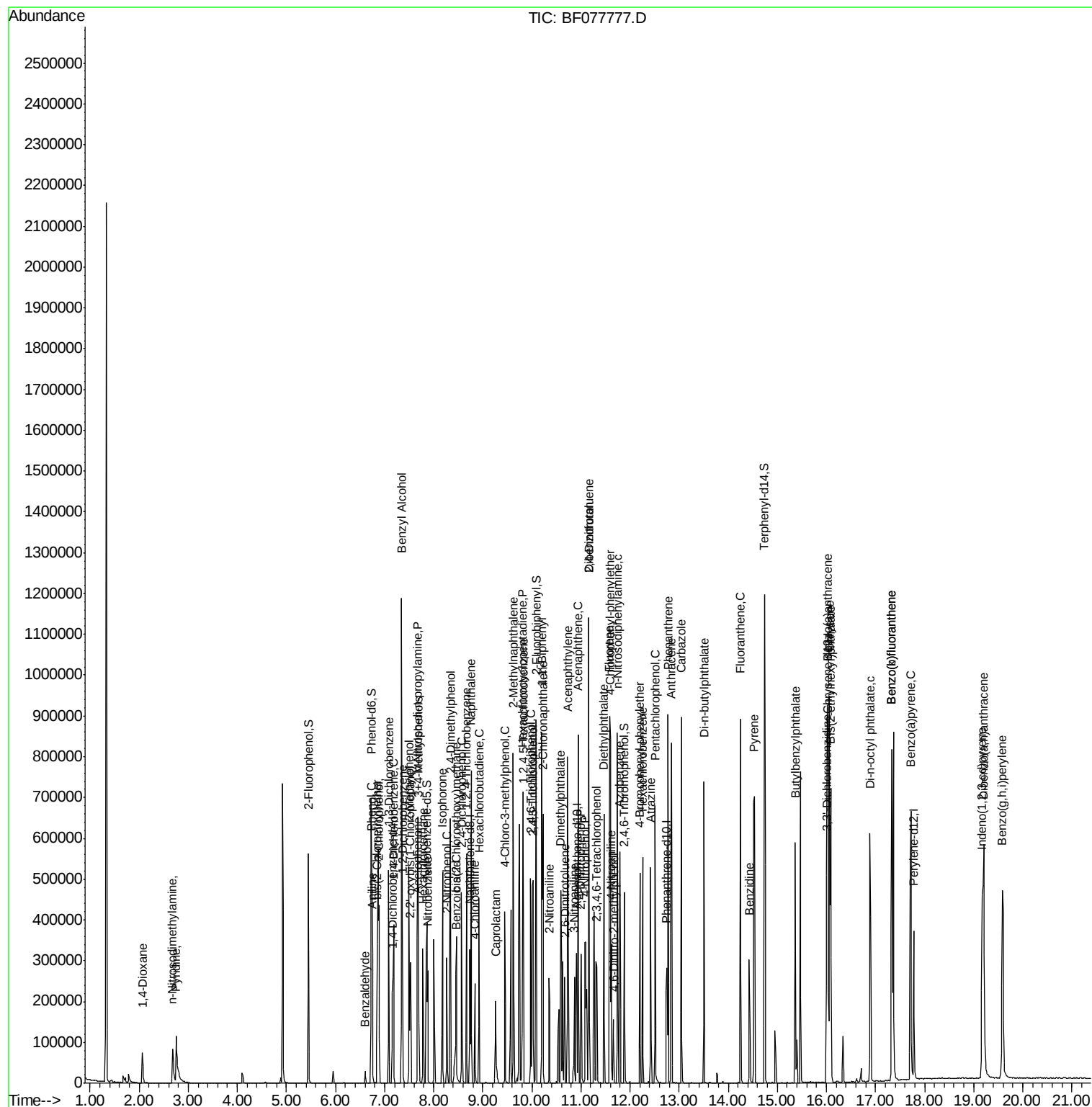
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.97	196	70423	44.51	ng	95
43) 2,4,5-Trichlorophenol	10.02	196	75564	44.21	ng #	87
45) 1,1'-Biphenyl	10.20	154	275879	45.07	ng	98
46) 2-Chloronaphthalene	10.22	162	224835	45.19	ng	98
47) 2-Nitroaniline	10.35	65	57049	46.17	ng #	80
48) Acenaphthylene	10.73	152	348539	42.13	ng	99
49) Dimethylphthalate	10.59	163	255366	44.96	ng	99
50) 2,6-Dinitrotoluene	10.67	165	57094	48.49	ng #	72
51) Acenaphthene	10.94	154	198251	41.80	ng	99
52) 3-Nitroaniline	10.86	138	40336	29.50	ng	90
53) 2,4-Dinitrophenol	11.00	184	43136	97.74	ng #	81
54) Dibenzofuran	11.16	168	312123	44.37	ng	95
55) 4-Nitrophenol	11.09	139	96302	95.08	ng	96
56) 2,4-Dinitrotoluene	11.16	165	76349	49.73	ng #	81
57) Fluorene	11.58	166	250786	42.93	ng	100
58) 2,3,4,6-Tetrachlorophenol	11.32	232	59408	45.14	ng #	100
59) Diethylphthalate	11.47	149	248318	44.87	ng	96
60) 4-Chlorophenyl-phenylether	11.60	204	114848	43.08	ng	91
61) 4-Nitroaniline	11.62	138	58282	42.77	ng	80
62) Azobenzene	11.79	77	230051	43.49	ng	94
64) 4,6-Dinitro-2-methylphenol	11.66	198	29294	41.68	ng #	72
65) n-Nitrosodiphenylamine	11.74	169	216709	43.06	ng	100
66) 4-Bromophenyl-phenylether	12.20	248	71469	44.31	ng #	88
67) Hexachlorobenzene	12.26	284	74832	42.23	ng #	87
68) Atrazine	12.42	200	64954	46.06	ng	95
69) Pentachlorophenol	12.51	266	82483	88.53	ng	97
70) Phenanthrene	12.77	178	376783	43.43	ng	99
71) Anthracene	12.84	178	382100	44.58	ng	99
72) Carbazole	13.05	167	373387	45.79	ng	99
73) Di-n-butylphthalate	13.51	149	398869	43.63	ng	99
74) Fluoranthene	14.25	202	410047	42.85	ng	94
76) Benzidine	14.43	184	148639	36.78	ng	97
77) Pyrene	14.53	202	445160	43.37	ng	99
79) Butylbenzylphthalate	15.37	149	175186	43.29	ng	97
80) Benzo(a)anthracene	16.02	228	417289	43.13	ng	99
81) 3,3'-Dichlorobenzidine	16.01	252	103696	32.49	ng	98
82) Chrysene	16.07	228	395241	45.43	ng	99
83) Bis(2-ethylhexyl)phthalate	16.09	149	241213	39.35	ng #	95
84) Di-n-octyl phthalate	16.89	149	414199	39.52	ng	100
85) Indeno(1,2,3-cd)pyrene	19.17	276	358014	32.97	ng #	100
87) Benzo(b)fluoranthene	17.33	252	395775	37.86	ng	97
88) Benzo(k)fluoranthene	17.33	252	395746	48.47	ng	100
89) Benzo(a)pyrene	17.72	252	390498	44.77	ng	100
90) Dibenzo(a,h)anthracene	19.21	278	355704	41.12	ng	97
91) Benzo(g,h,i)perylene	19.59	276	370512	42.07	ng	97

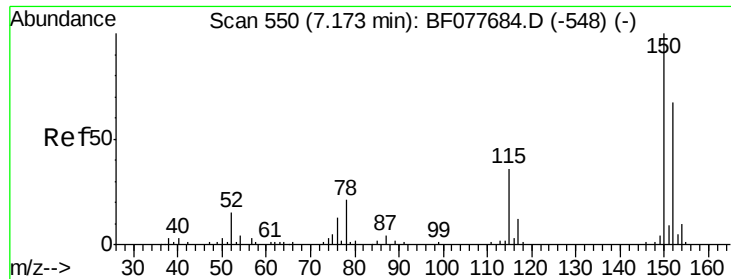
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.16 min Scan# 549

Delta R.T. -0.00 min

Lab File: BF077777.D

Acq: 17 Mar 2015 17:50

Instrument :

BNA_F

ClientSampleId :

PB82148BS

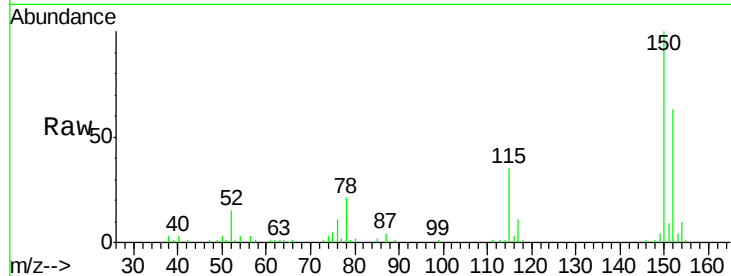
Tgt Ion:152 Resp: 37799

Ion Ratio Lower Upper

152 100

150 157.8 119.5 179.3

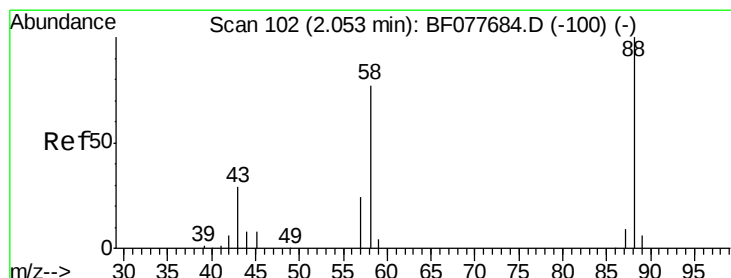
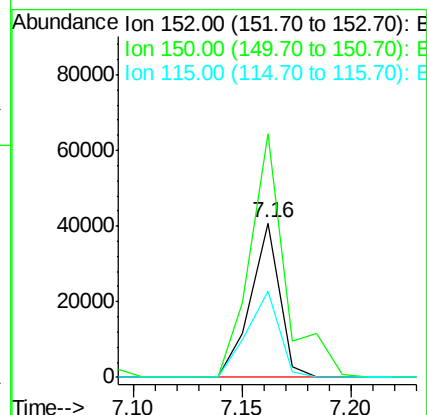
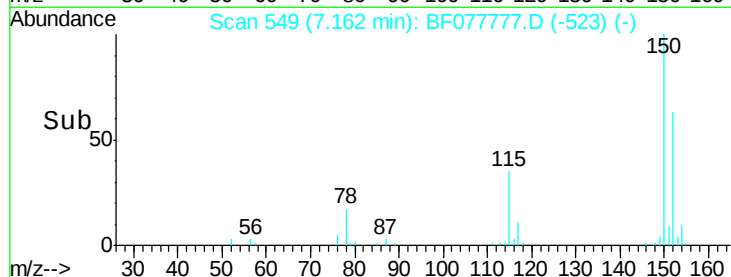
115 55.7 43.0 64.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 36.22 ng

RT: 2.06 min Scan# 103

Delta R.T. 0.02 min

Lab File: BF077777.D

Acq: 17 Mar 2015 17:50

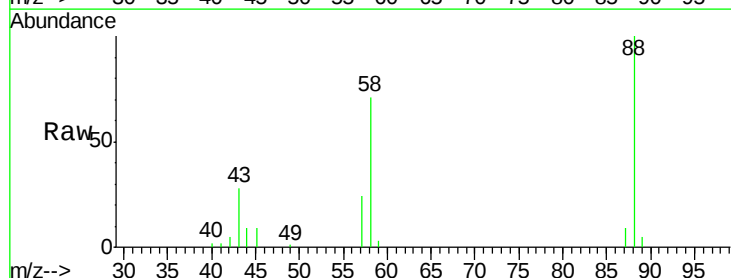
Tgt Ion: 88 Resp: 35606

Ion Ratio Lower Upper

88 100

58 70.3 0.0 0.0#

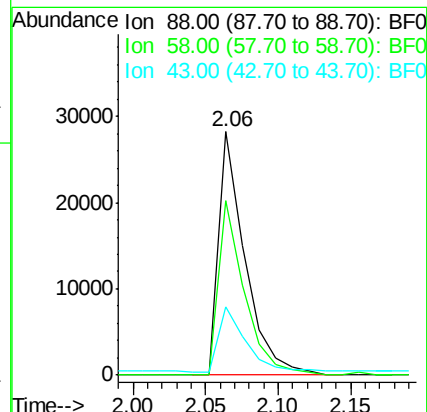
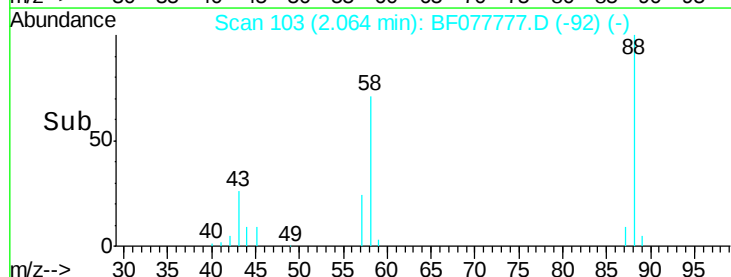
43 38.1 0.0 0.0#

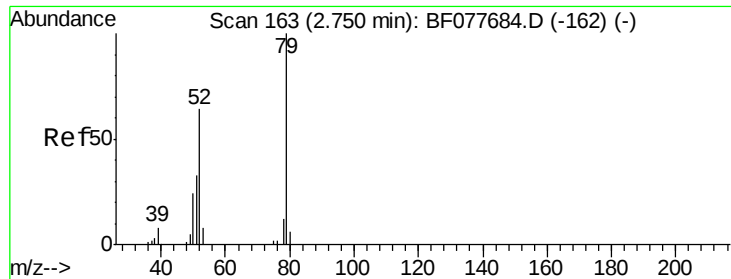


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 41.64 ng

RT: 2.75 min Scan# 163

Delta R.T. 0.02 min

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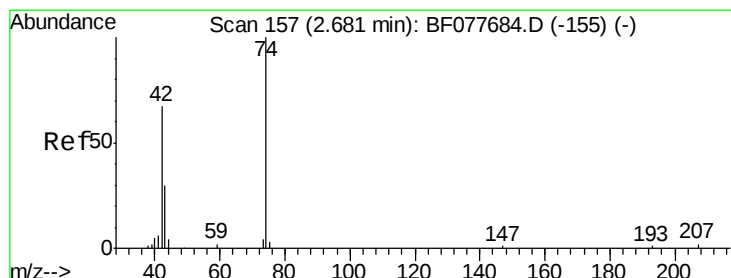
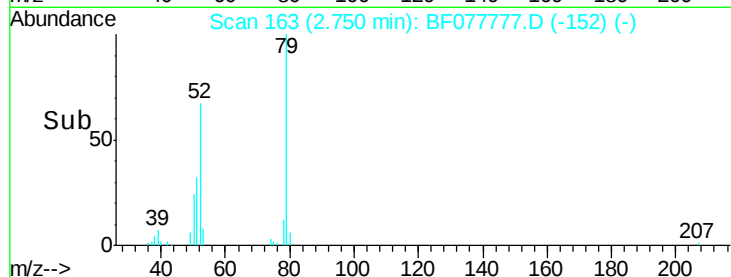
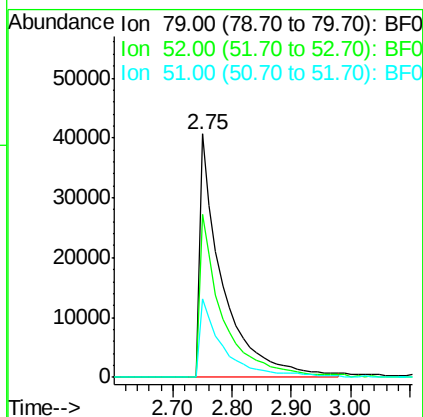
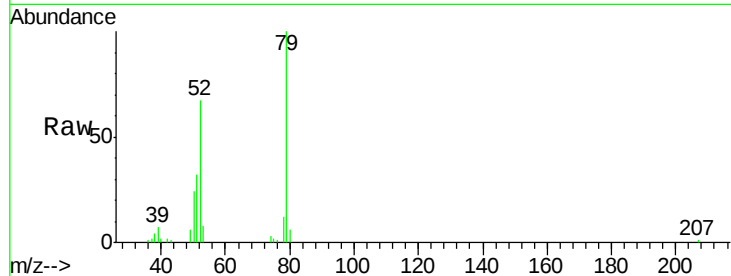
Tgt Ion: 79 Resp: 109995

Ion Ratio Lower Upper

79 100

52 66.8 51.1 76.7

51 32.0 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 36.05 ng

RT: 2.68 min Scan# 157

Delta R.T. 0.02 min

Lab File: BF077777.D

Acq: 17 Mar 2015 17:50

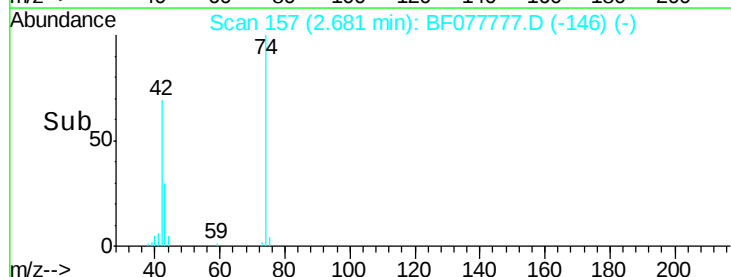
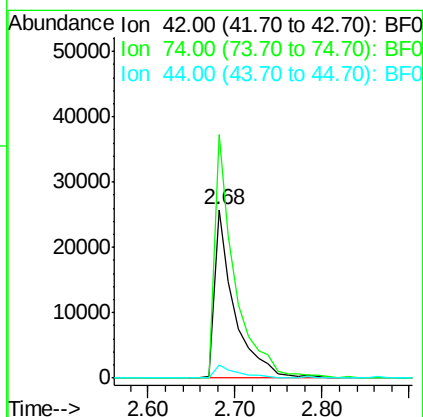
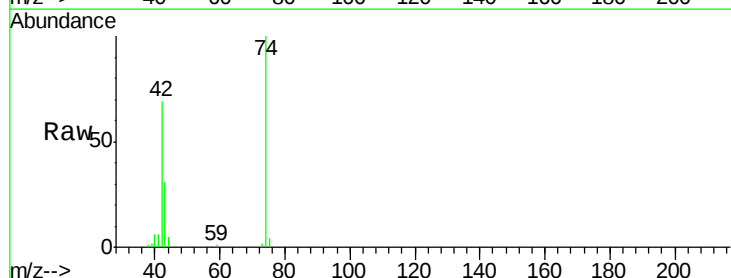
Tgt Ion: 42 Resp: 41471

Ion Ratio Lower Upper

42 100

74 144.3 119.3 178.9

44 7.5 5.4 8.2





#5

2-Fluorophenol

Concen: 87.33 ng

RT: 5.45 min Scan# 399

Delta R.T. -0.00 min

Lab File: BF077777.D

Acq: 17 Mar 2015 17:50

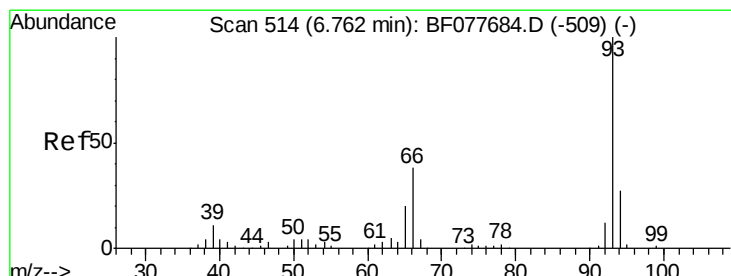
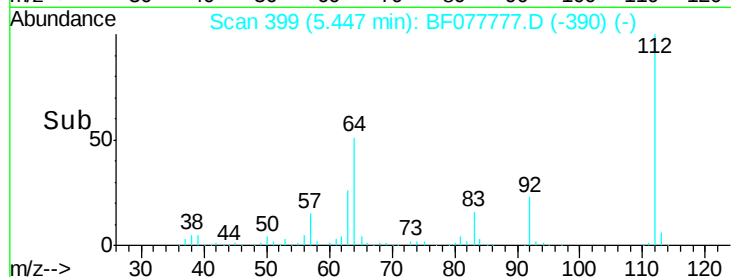
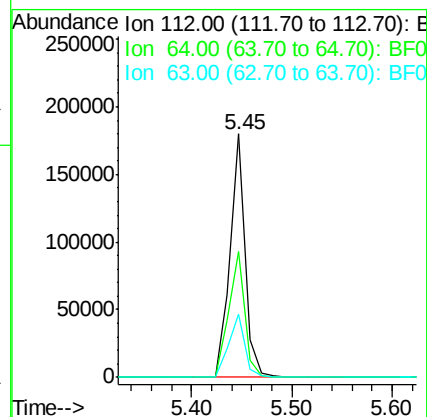
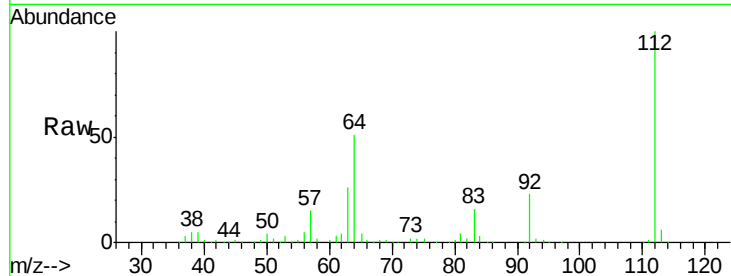
Instrument :

BNA_F

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Tgt Ion:	112	Resp:	189108
Ion	Ratio	Lower	Upper
112	100		
64	51.5	38.6	57.8
63	26.0	19.3	28.9



#6

Aniline

Concen: 21.05 ng

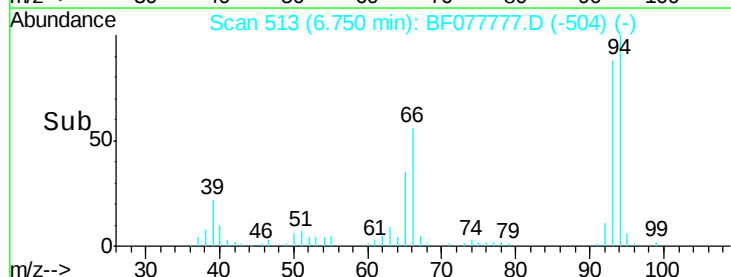
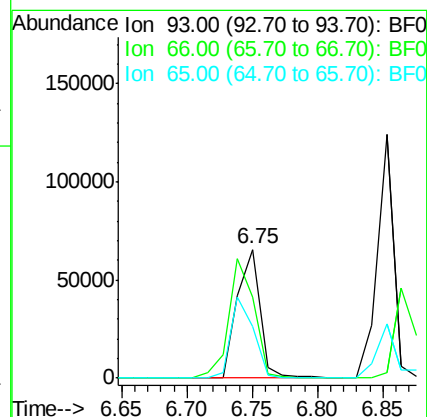
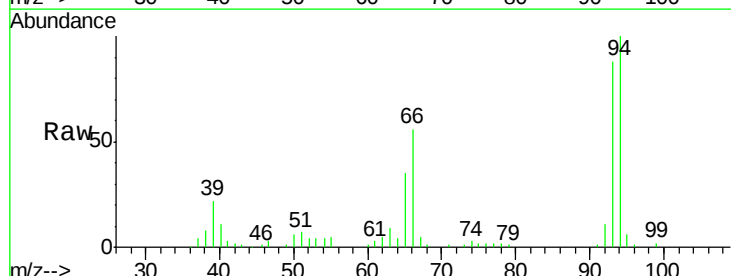
RT: 6.75 min Scan# 513

Delta R.T. -0.00 min

Lab File: BF077777.D

Acq: 17 Mar 2015 17:50

Tgt Ion:	93	Resp:	80552
Ion	Ratio	Lower	Upper
93	100		
66	62.9	30.8	46.2#
65	39.9	16.0	24.0#





#7

Phenol-d6

Concen: 90.48 ng

RT: 6.73 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF077777.D

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BNA_F

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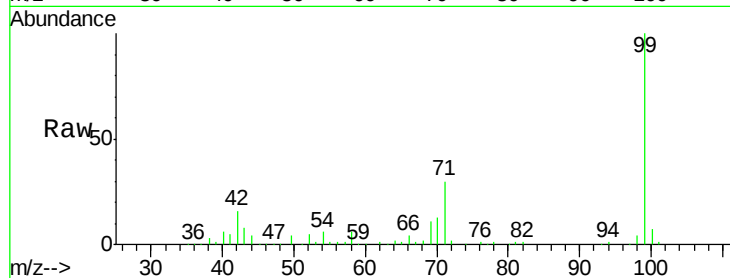
Tgt Ion: 99 Resp: 242086

Ion Ratio Lower Upper

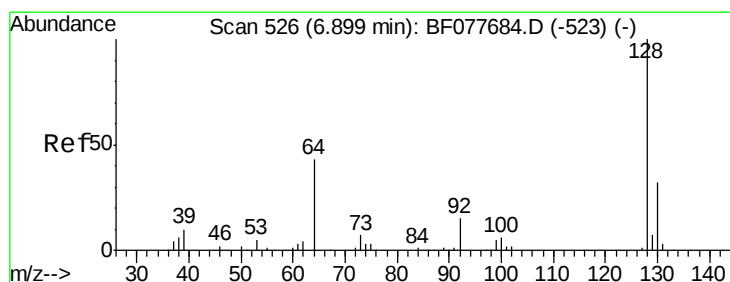
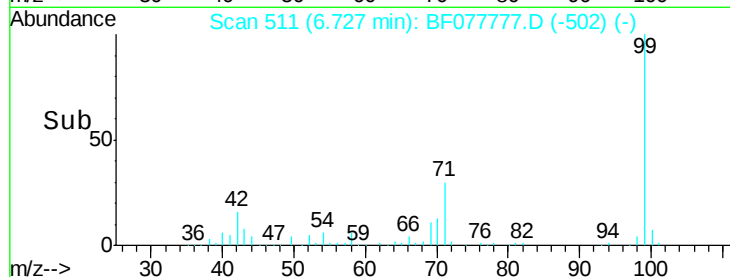
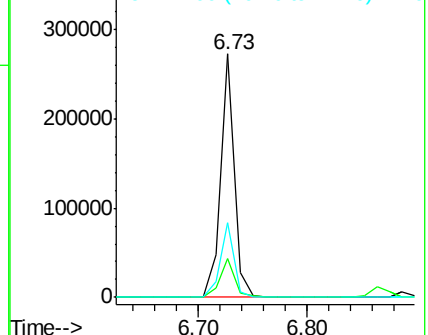
99 100

42 15.7 11.0 16.4

71 30.5 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 45.33 ng

RT: 6.89 min Scan# 525

Delta R.T. -0.00 min

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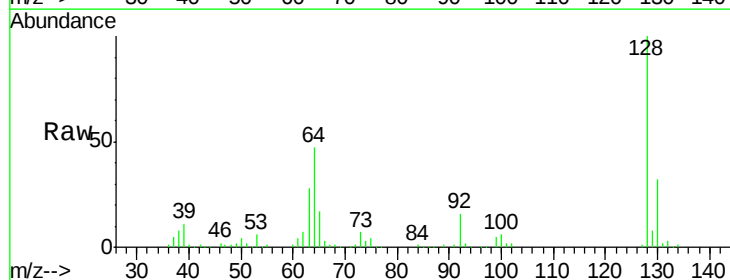
Tgt Ion: 128 Resp: 116844

Ion Ratio Lower Upper

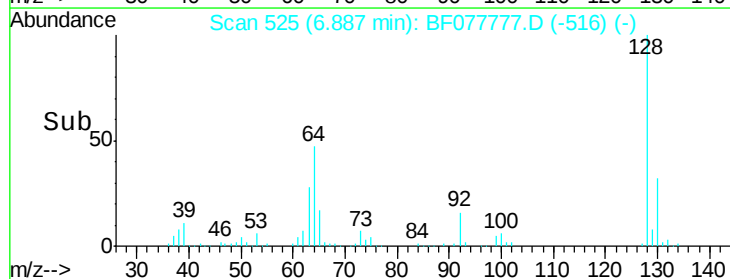
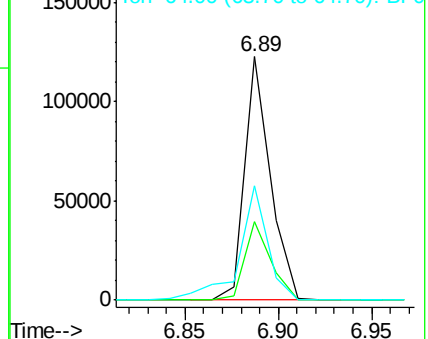
128 100

130 32.1 12.0 52.0

64 46.8 24.9 64.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 6.62 ng

RT: 6.60 min Scan# 500

Delta R.T. -0.00 min

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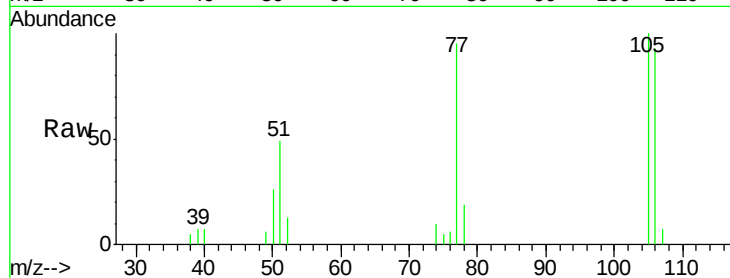
Tgt Ion: 77 Resp: 7256

Ion Ratio Lower Upper

77 100

105 104.9 78.8 118.8

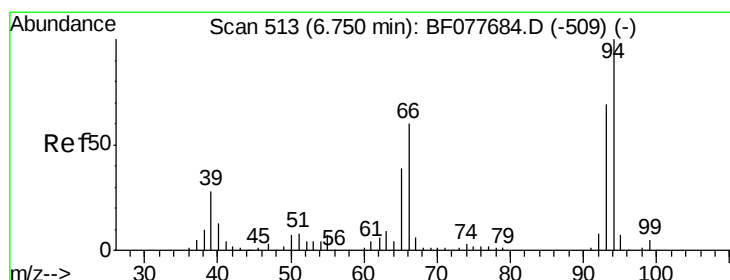
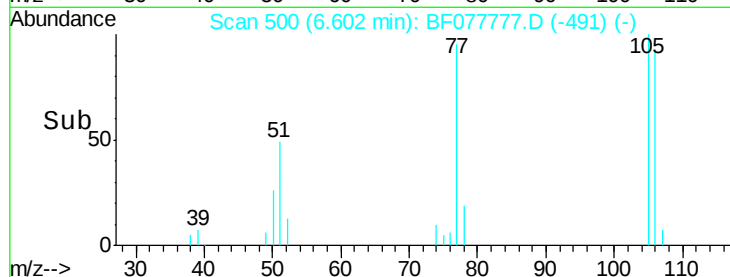
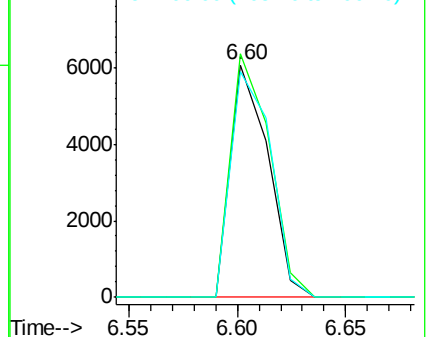
106 97.2 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 44.00 ng

RT: 6.74 min Scan# 512

Delta R.T. -0.01 min

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Acq: 17 Mar 2015 17:50

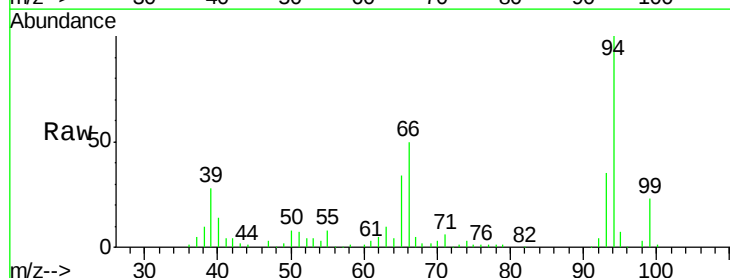
Tgt Ion: 94 Resp: 139163

Ion Ratio Lower Upper

94 100

65 34.1 18.8 58.8

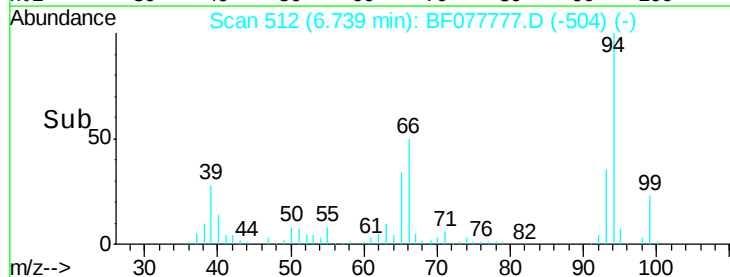
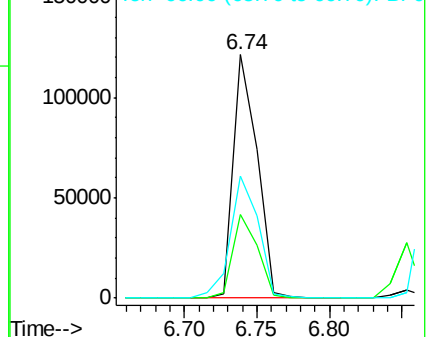
66 50.0 39.9 79.9

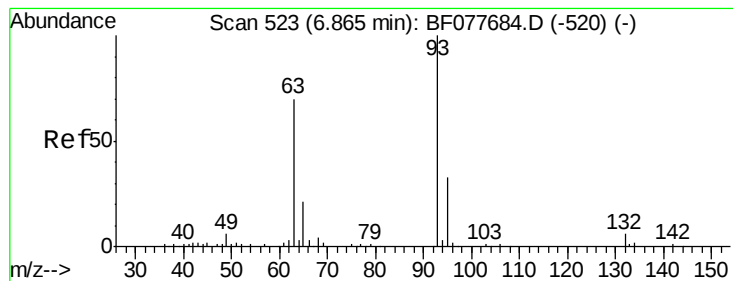


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 46.87 ng

RT: 6.85 min Scan# 522

Delta R.T. -0.00 min

Lab File: BF077777.D

Acq: 17 Mar 2015 17:50

Instrument :

BNA_F

ClientSampleId :

PB82148BS

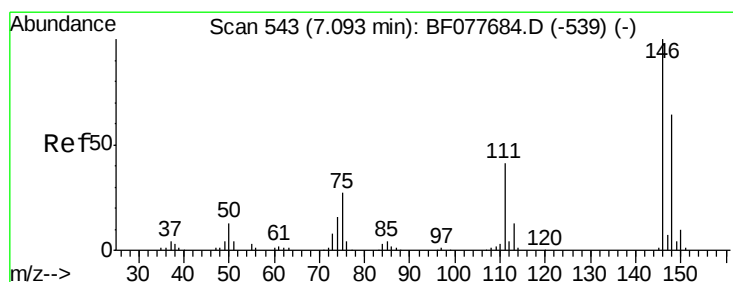
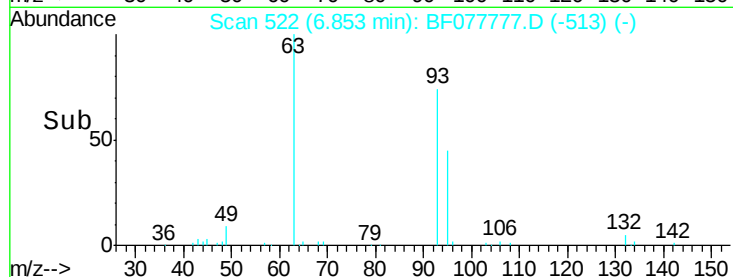
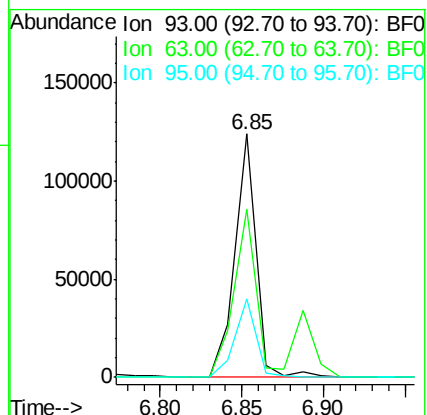
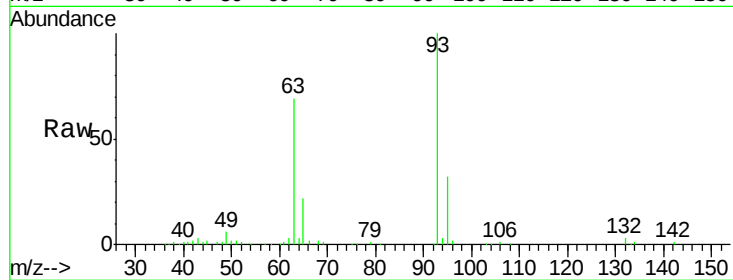
Tgt Ion: 93 Resp: 111025

Ion Ratio Lower Upper

93 100

63 69.0 49.5 89.5

95 32.3 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 43.90 ng

RT: 7.08 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF077777.D

Acq: 17 Mar 2015 17:50

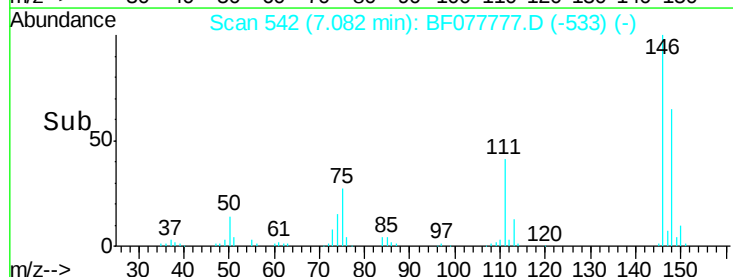
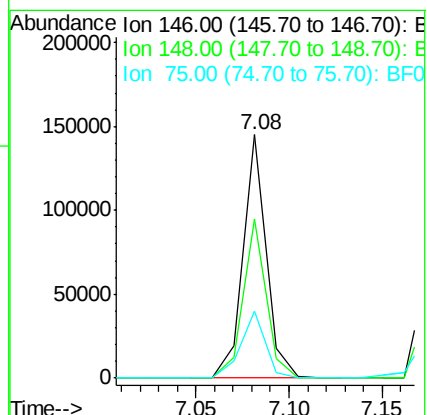
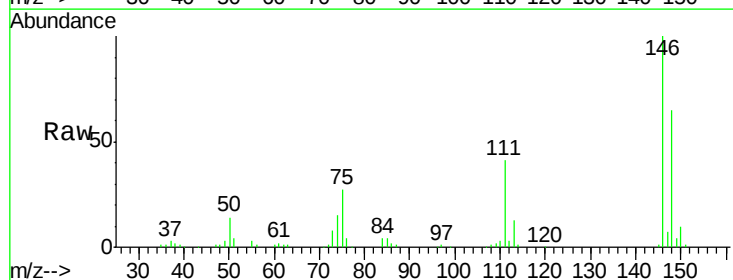
Tgt Ion: 146 Resp: 125869

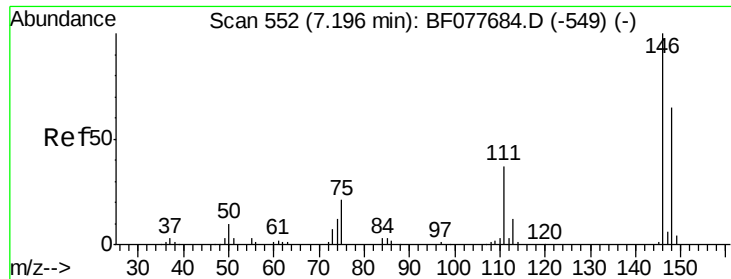
Ion Ratio Lower Upper

146 100

148 65.2 50.9 76.3

75 27.4 21.4 32.2

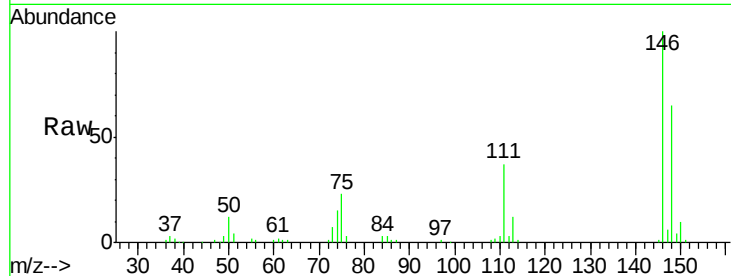




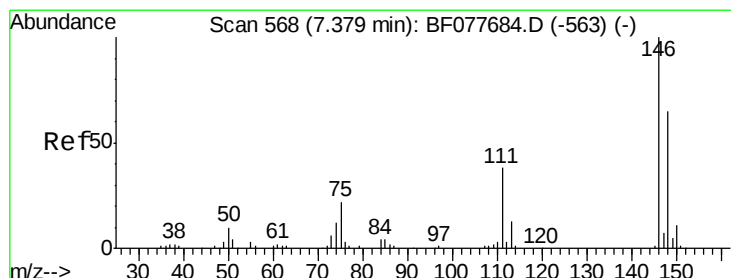
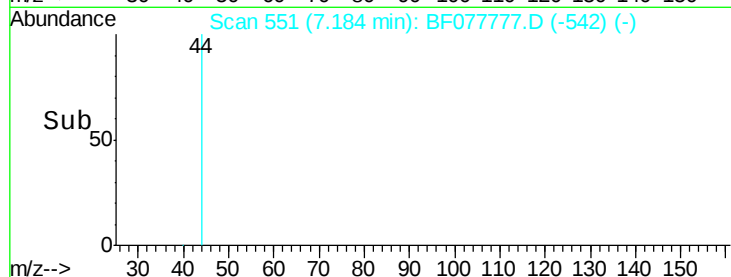
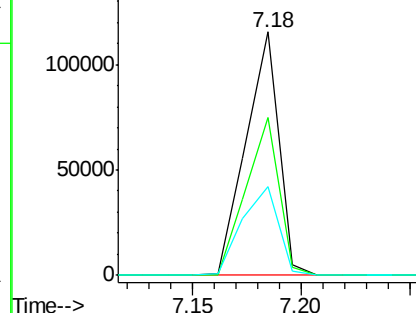
#13
 1,4-Dichlorobenzene
 Concen: 40.74 ng
 RT: 7.18 min Scan# 551
 Delta R.T. -0.00 min
 Lab File: BF077777.D
 Acq: 17 Mar 2015 17:50

Instrument :
 BNA_F
 ClientSampleId :
 PB82148BS

Tgt Ion:146 Resp: 121371
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.9 77.9
 111 36.5 29.2 43.8

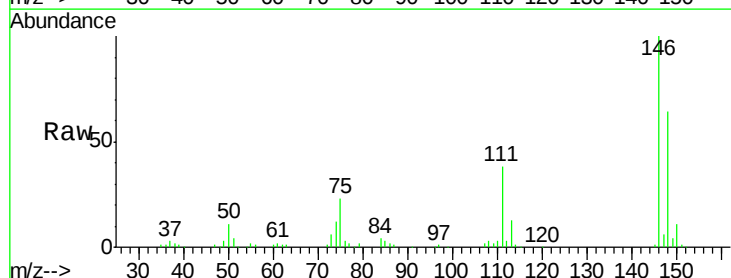


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

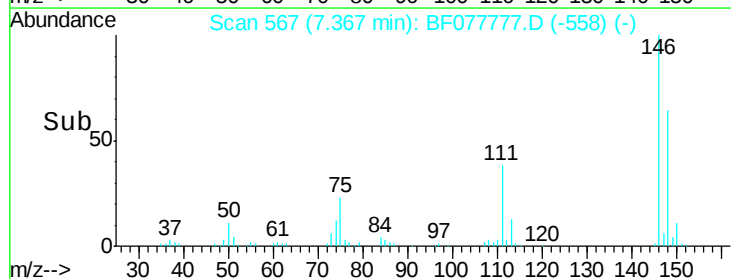
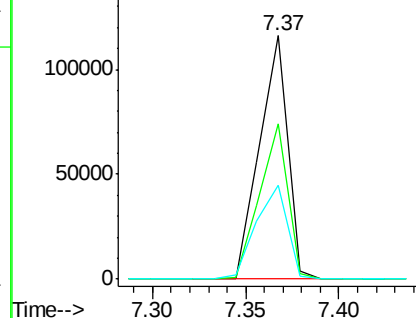


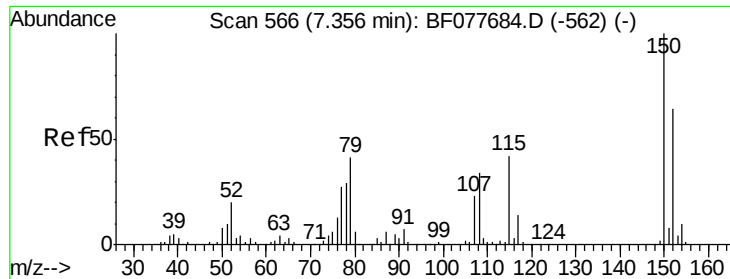
#14
 1,2-Dichlorobenzene
 Concen: 44.20 ng
 RT: 7.37 min Scan# 567
 Delta R.T. -0.00 min
 Lab File: BF077777.D
 Acq: 17 Mar 2015 17:50

Tgt Ion:146 Resp: 120708
 Ion Ratio Lower Upper
 146 100
 148 63.6 52.3 78.5
 111 38.4 30.6 45.8



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

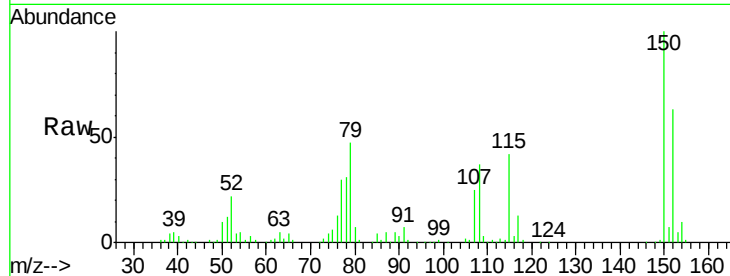




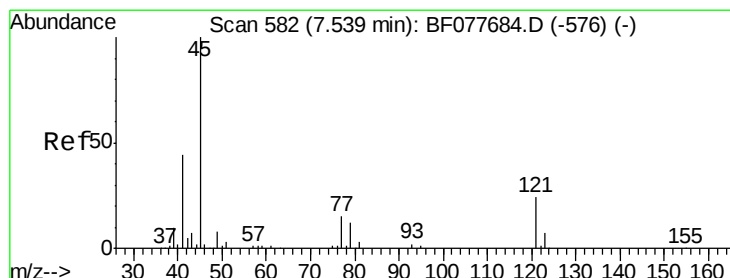
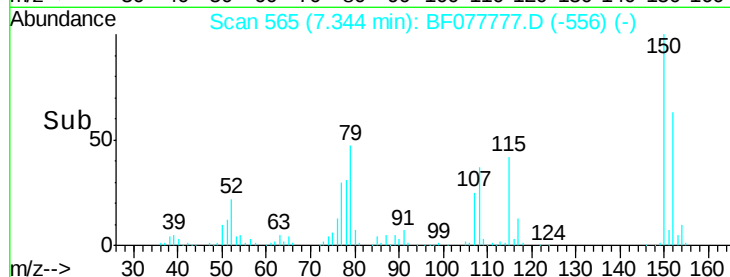
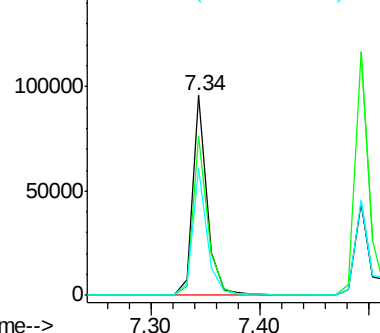
#15
Benzyl Alcohol
Concen: 42.93 ng
RT: 7.34 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF077777.D
Acq: 17 Mar 2015 17:50

Instrument :
BNA_F
ClientSampleId :
PB82148BS

Tgt Ion: 79 Resp: 89656
Ion Ratio Lower Upper
79 100
108 79.5 65.0 97.4
77 63.5 53.0 79.6

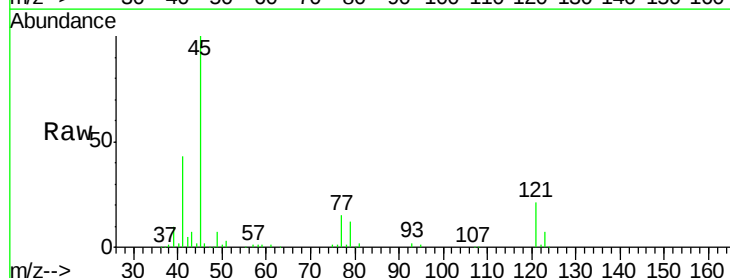


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

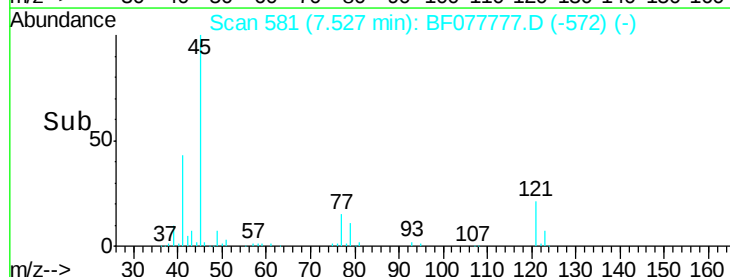
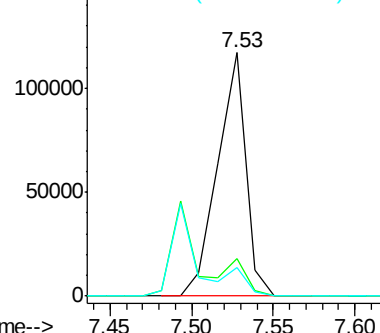


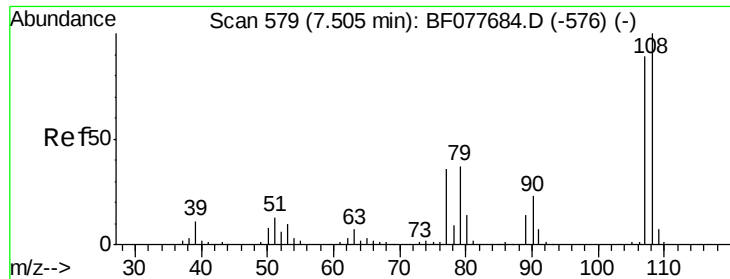
#16
2,2'-oxybis(1-chloropropane)
Concen: 44.09 ng
RT: 7.53 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF077777.D
Acq: 17 Mar 2015 17:50

Tgt Ion: 45 Resp: 140739
Ion Ratio Lower Upper
45 100
77 15.2 0.0 35.2
79 11.6 0.0 32.0



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

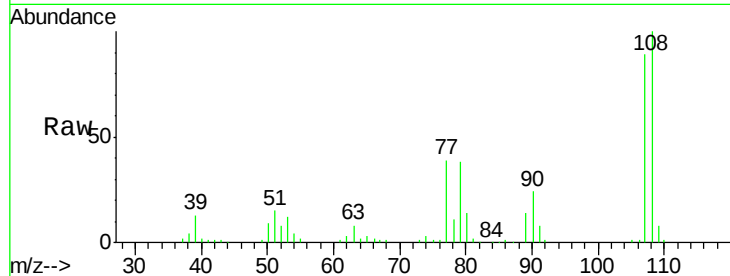




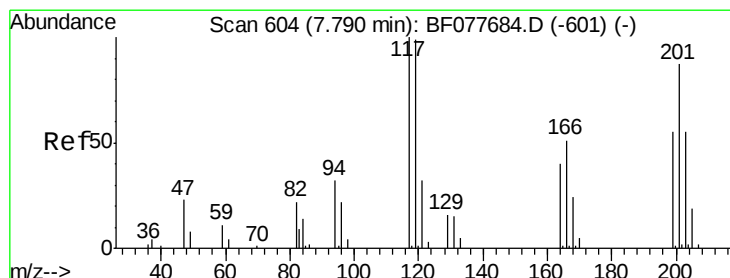
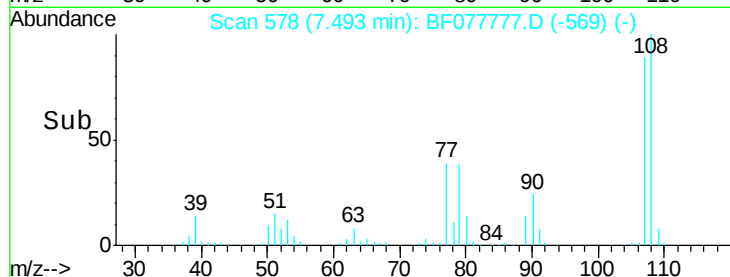
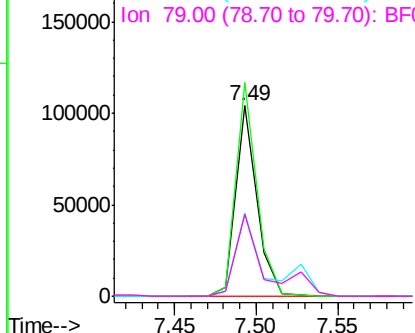
#17
2-Methylphenol
Concen: 44.13 ng
RT: 7.49 min Scan# 578
Delta R.T. -0.00 min
Lab File: BF077777.D
Acq: 17 Mar 2015 17:50

Instrument :
BNA_F
ClientSampleId :
PB82148BS

Tgt Ion:107 Resp: 92596
Ion Ratio Lower Upper
107 100
108 112.2 89.8 134.8
77 43.9 32.6 48.8
79 42.8 32.8 49.2

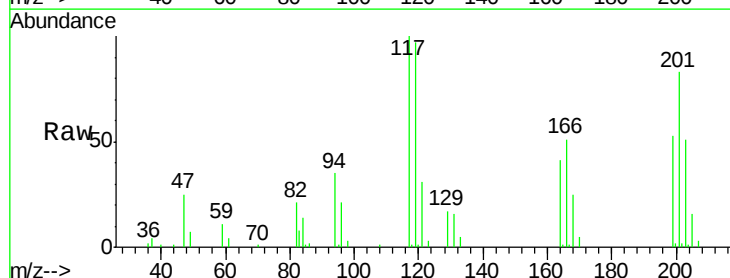


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

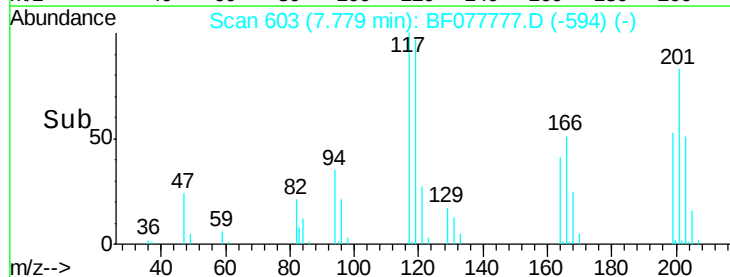
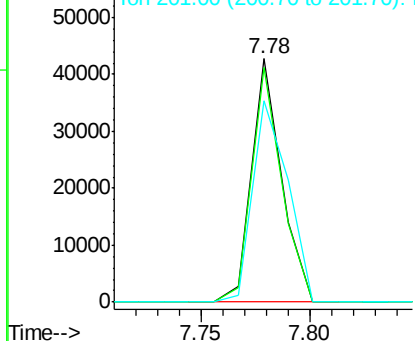


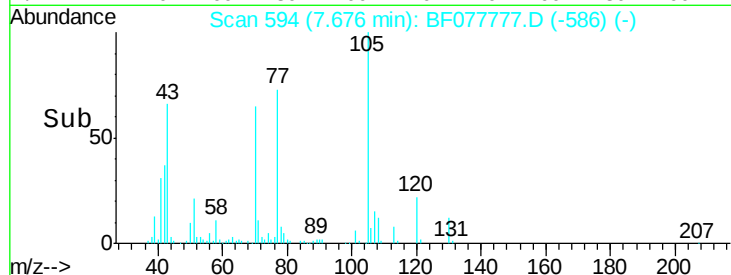
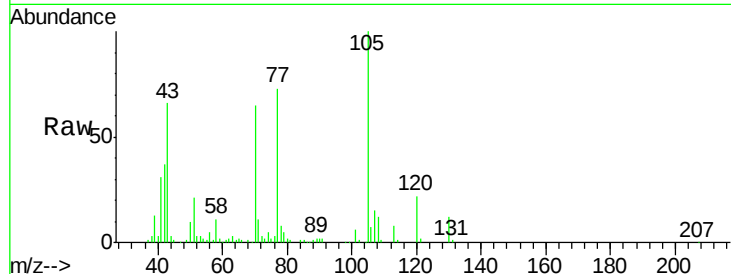
#18
Hexachloroethane
Concen: 41.80 ng
RT: 7.78 min Scan# 603
Delta R.T. -0.00 min
Lab File: BF077777.D
Acq: 17 Mar 2015 17:50

Tgt Ion:117 Resp: 40842
Ion Ratio Lower Upper
117 100
119 96.5 79.2 118.8
201 82.9 69.8 104.6



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

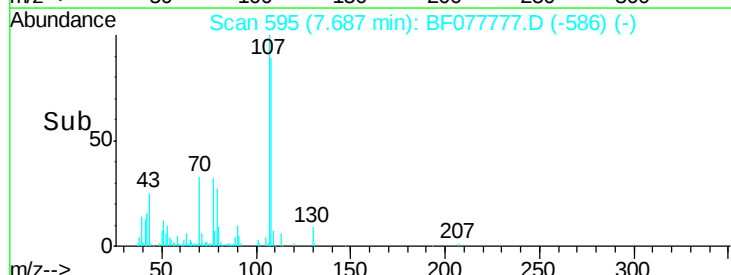
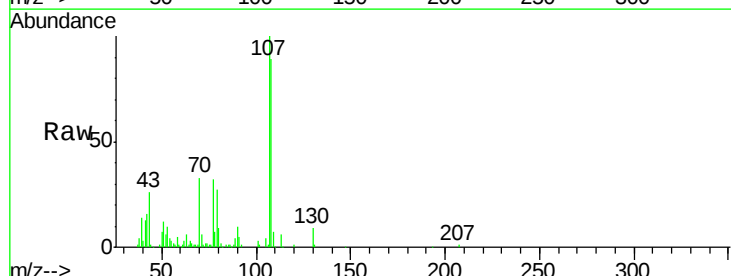
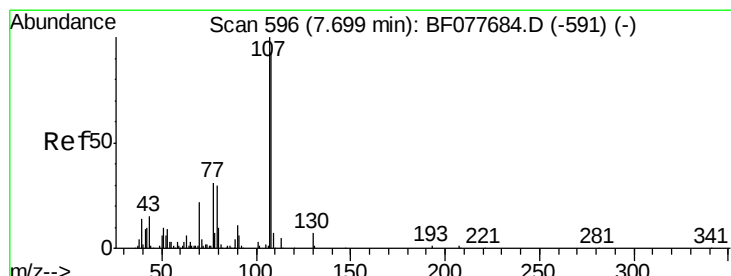
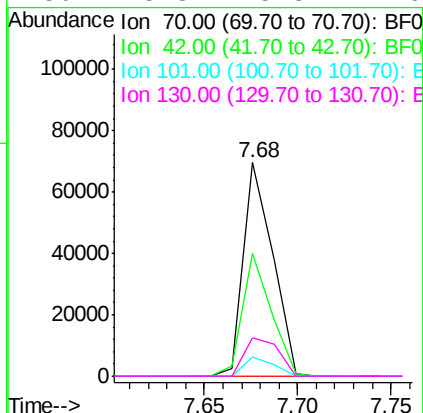




#19
n-Nitroso-di-n-propylamine
Concen: 40.99 ng
RT: 7.68 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF077777.D
Acq: 17 Mar 2015 17:50

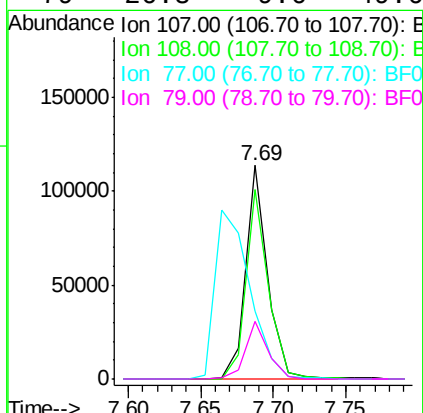
Instrument :
BNA_F
ClientSampleId :
PB82148BS

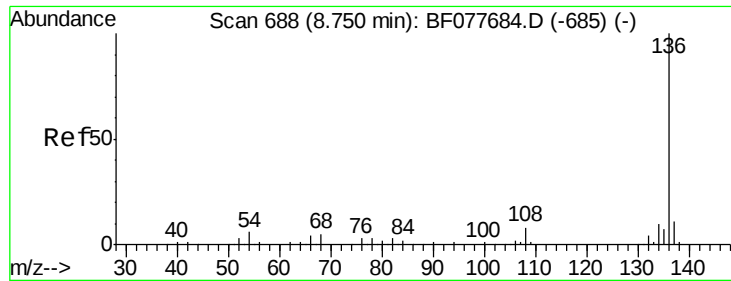
Tgt Ion:	70	Resp:	75860
Ion	Ratio	Lower	Upper
70	100		
42	57.7	44.5	66.7
101	8.9	7.4	11.2
130	18.3	15.3	22.9



#20
3+4-Methylphenols
Concen: 43.27 ng
RT: 7.69 min Scan# 595
Delta R.T. -0.00 min
Lab File: BF077777.D
Acq: 17 Mar 2015 17:50

Tgt Ion:	107	Resp:	119145
Ion	Ratio	Lower	Upper
107	100		
108	88.8	73.2	113.2
77	31.7	10.7	50.7
79	26.8	9.6	49.6

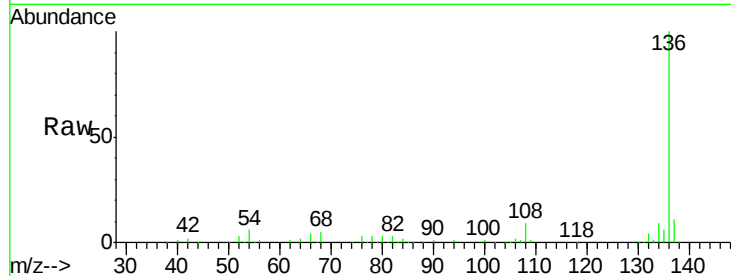




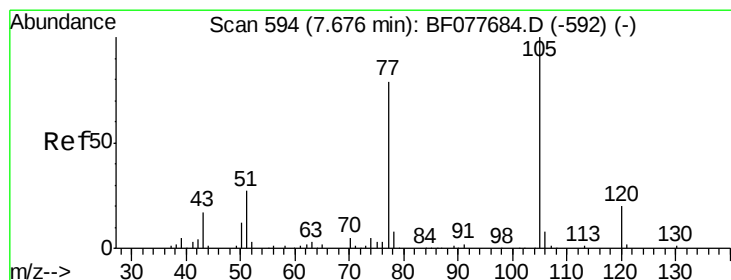
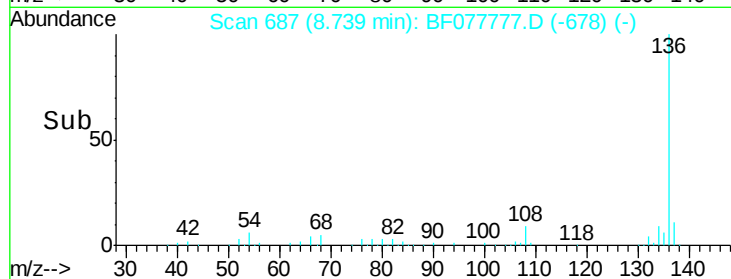
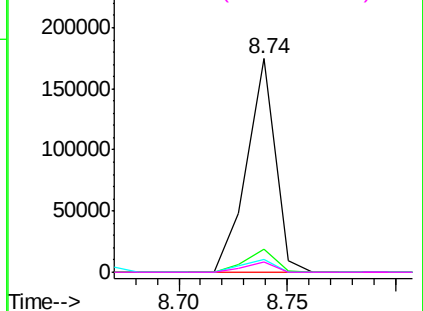
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.74 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF077777.D
Acq: 17 Mar 2015 17:50

Instrument :
BNA_F
ClientSampleId :
PB82148BS

Tgt Ion:	136	Resp:	159283
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	6.1	4.6	6.8
68	4.9	3.7	5.5

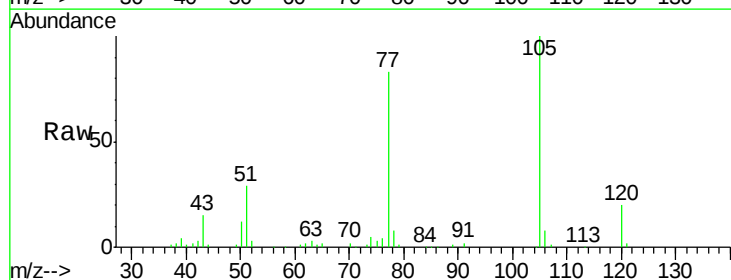


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

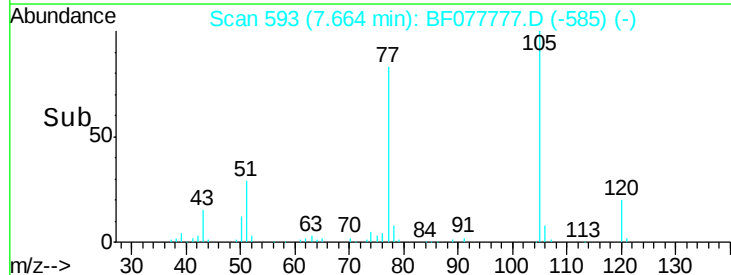
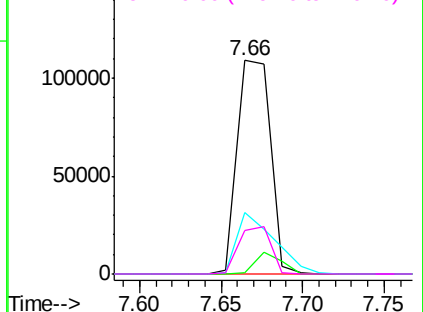


#22
Acetophenone
Concen: 43.43 ng
RT: 7.66 min Scan# 593
Delta R.T. -0.01 min
Lab File: BF077777.D
Acq: 17 Mar 2015 17:50

Tgt Ion:	105	Resp:	153135
Ion	Ratio	Lower	Upper
105	100		
71	0.3	0.6	1.0#
51	28.6	21.6	32.4
120	20.5	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

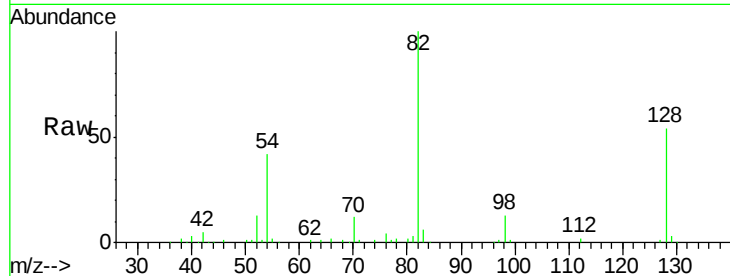




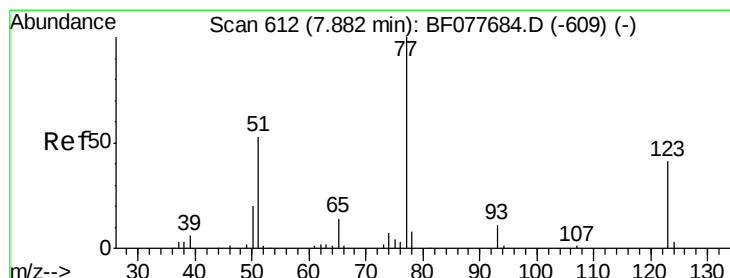
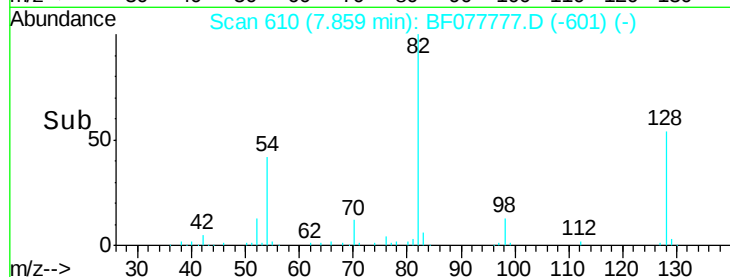
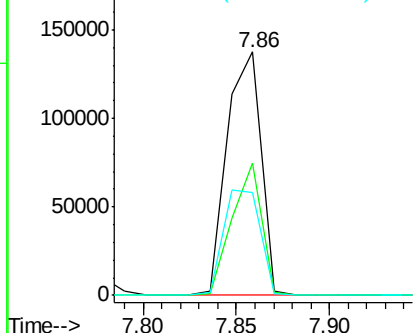
#23
 Nitrobenzene-d5
 Concen: 72.38 ng
 RT: 7.86 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF077777.D
 Acq: 17 Mar 2015 17:50

Instrument :
 BNA_F
 ClientSampleId :
 PB82148BS

Tgt Ion: 82 Resp: 175868
 Ion Ratio Lower Upper
 82 100
 128 54.4 32.8 49.2#
 54 42.0 40.6 60.8

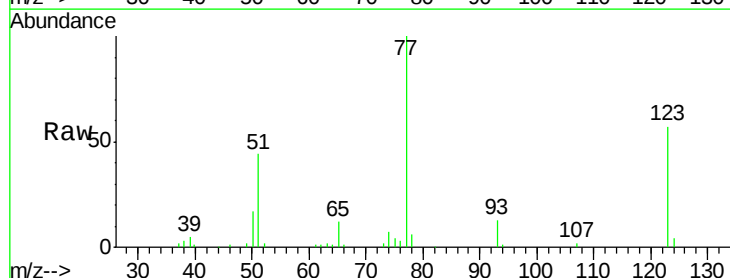


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

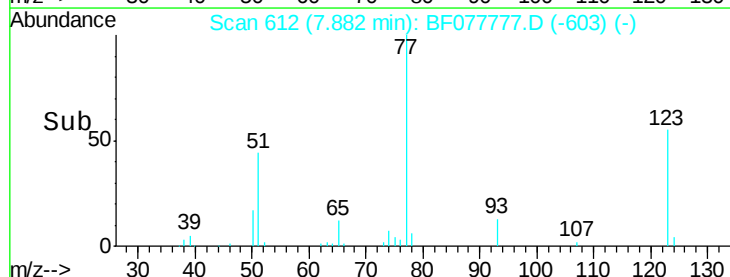
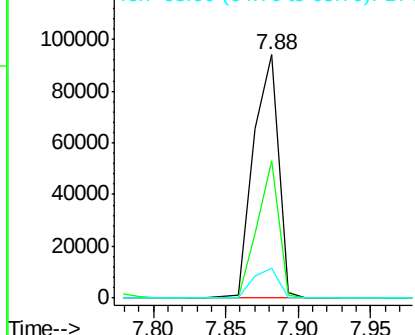


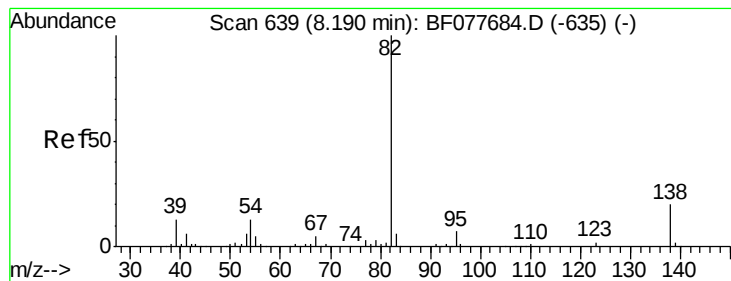
#24
 Nitrobenzene
 Concen: 42.86 ng
 RT: 7.88 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF077777.D
 Acq: 17 Mar 2015 17:50

Tgt Ion: 77 Resp: 112201
 Ion Ratio Lower Upper
 77 100
 123 56.6 32.6 49.0#
 65 12.2 10.9 16.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 43.02 ng

RT: 8.18 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF077777.D

Acq: 17 Mar 2015 17:50

Instrument :

BNA_F

ClientSampleId :

PB82148BS

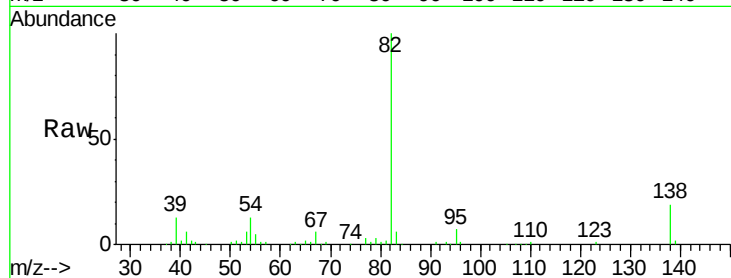
Tgt Ion: 82 Resp: 211126

Ion Ratio Lower Upper

82 100

95 7.0 5.8 8.6

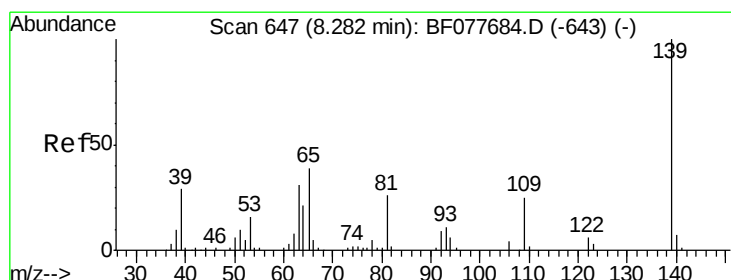
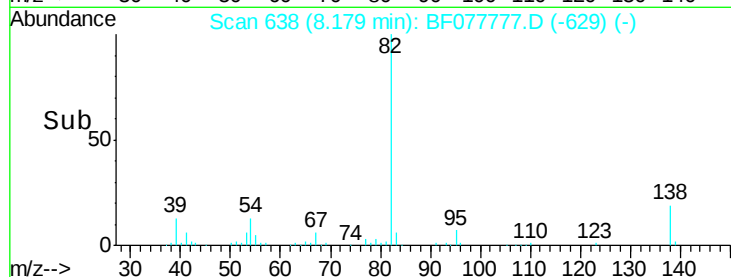
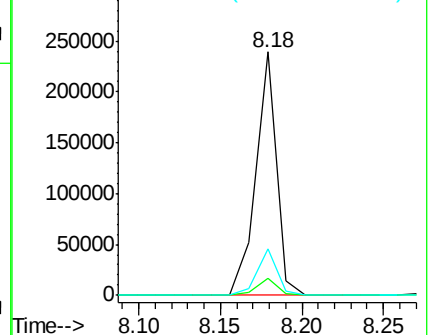
138 19.0 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 44.78 ng

RT: 8.27 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF077777.D

Acq: 17 Mar 2015 17:50

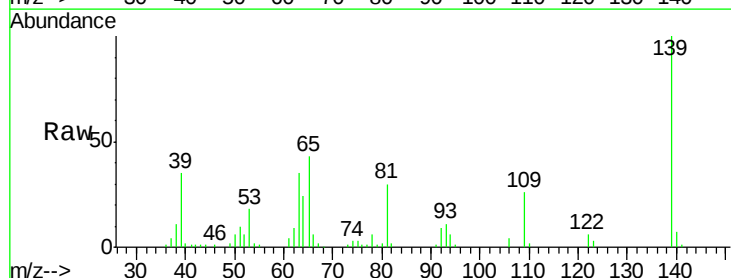
Tgt Ion: 139 Resp: 57386

Ion Ratio Lower Upper

139 100

109 25.7 20.1 30.1

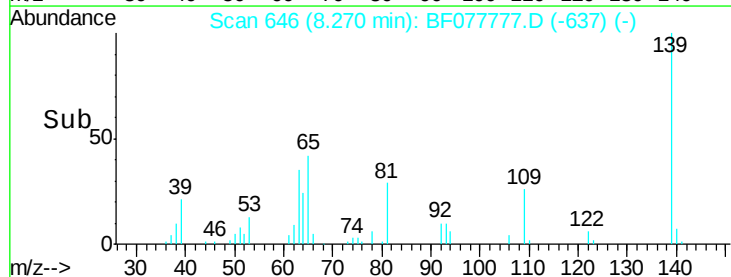
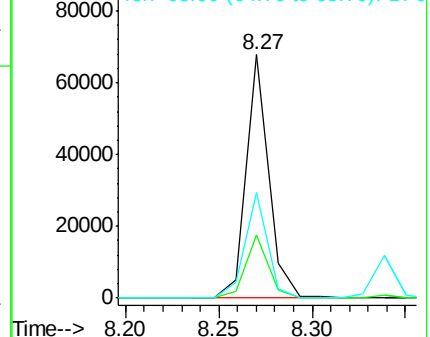
65 43.0 31.5 47.3

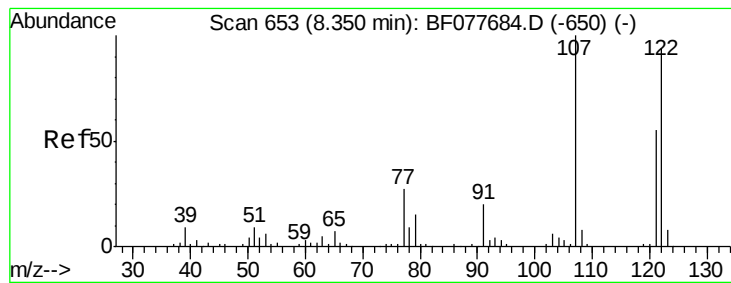


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

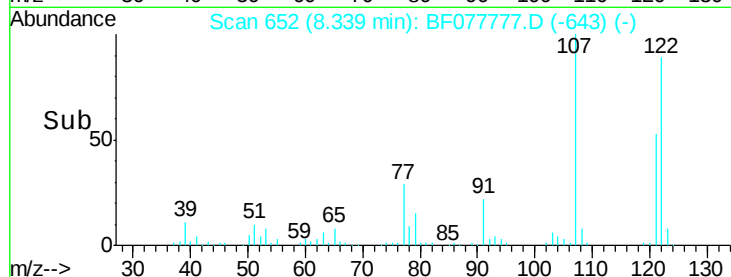
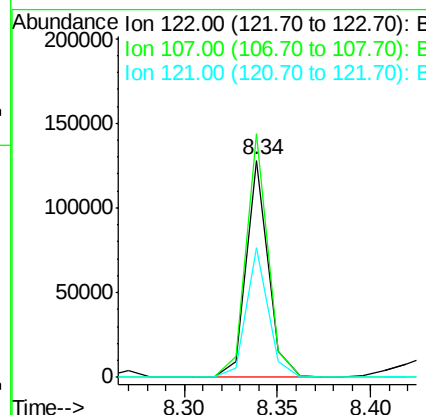
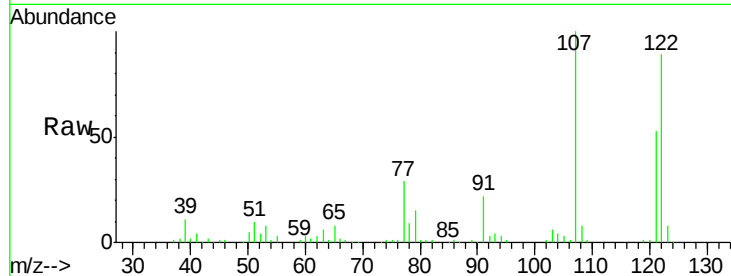




#27
 2,4-Dimethylphenol
 Concen: 45.40 ng
 RT: 8.34 min Scan# 652
 Delta R.T. -0.00 min
 Lab File: BF077777.D
 Acq: 17 Mar 2015 17:50

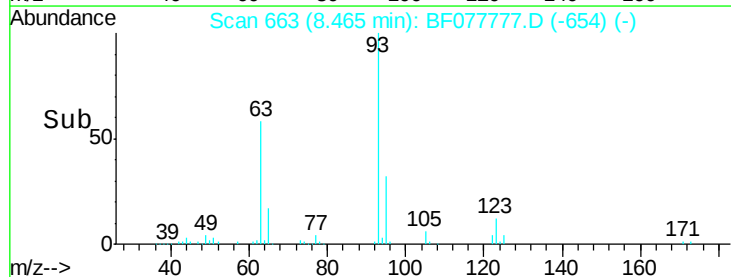
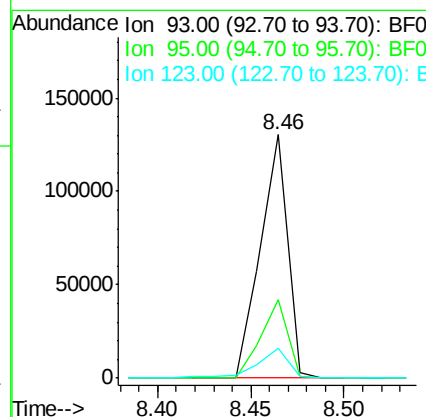
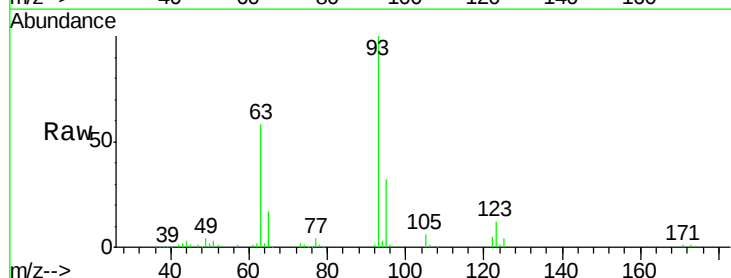
Instrument :
 BNA_F
 ClientSampleId :
 PB82148BS

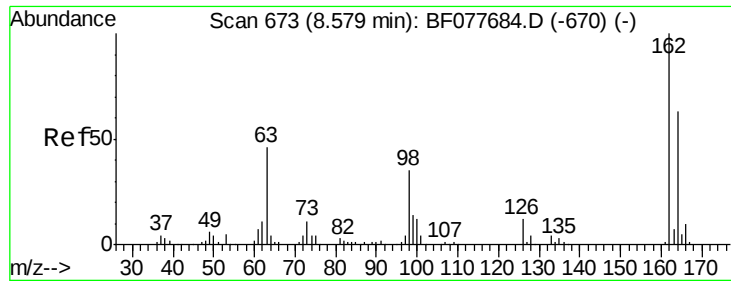
Tgt Ion:122 Resp: 106013
 Ion Ratio Lower Upper
 122 100
 107 112.3 84.7 127.1
 121 59.7 46.6 69.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.92 ng
 RT: 8.46 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF077777.D
 Acq: 17 Mar 2015 17:50

Tgt Ion: 93 Resp: 130818
 Ion Ratio Lower Upper
 93 100
 95 32.4 25.5 38.3
 123 12.1 8.6 13.0

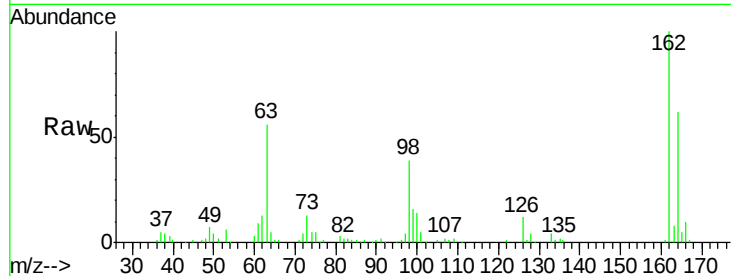




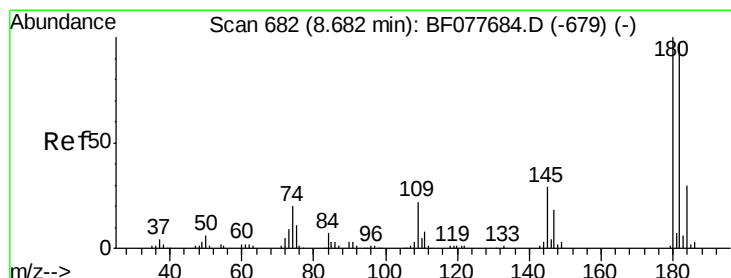
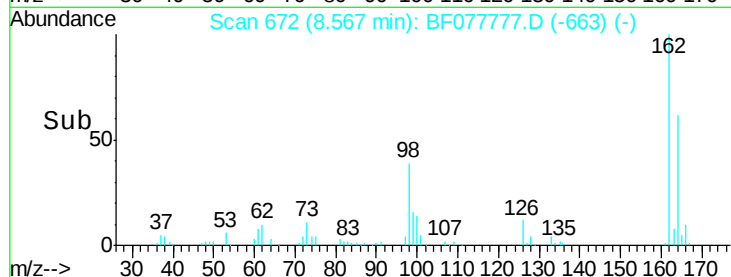
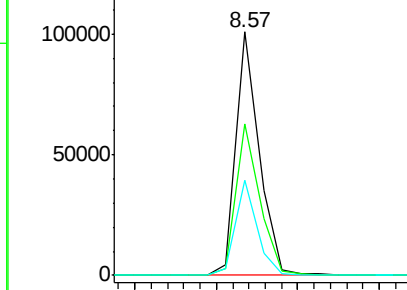
#29
2,4-Dichlorophenol
Concen: 44.34 ng
RT: 8.57 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF077777.D
Acq: 17 Mar 2015 17:50

Instrument :
BNA_F
ClientSampleId :
PB82148BS

Tgt Ion:162 Resp: 98682
Ion Ratio Lower Upper
162 100
164 62.1 42.8 82.8
98 39.0 14.5 54.5

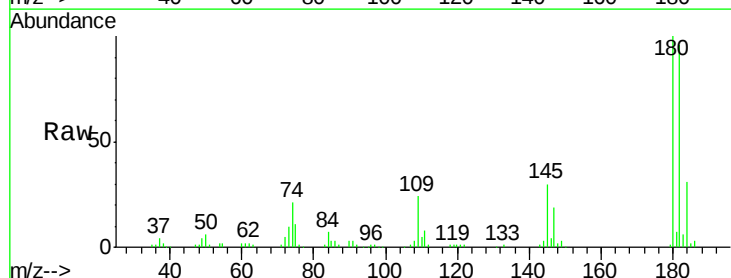


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

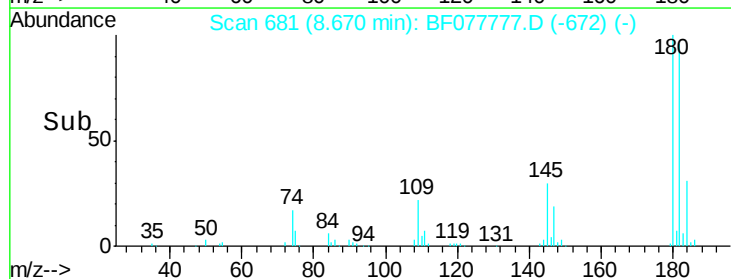
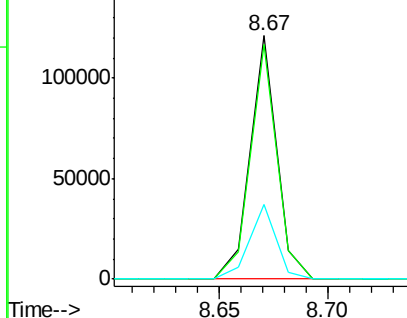


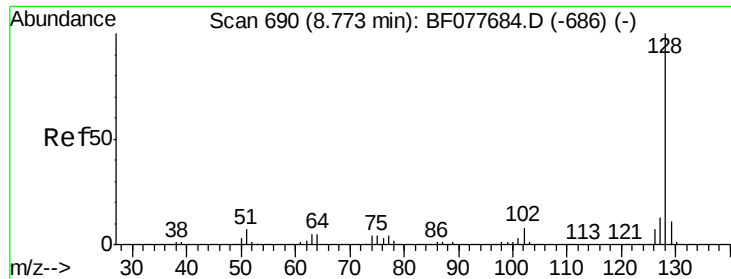
#30
1,2,4-Trichlorobenzene
Concen: 41.41 ng
RT: 8.67 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF077777.D
Acq: 17 Mar 2015 17:50

Tgt Ion:180 Resp: 103119
Ion Ratio Lower Upper
180 100
182 96.2 77.6 116.4
145 30.5 23.4 35.2



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

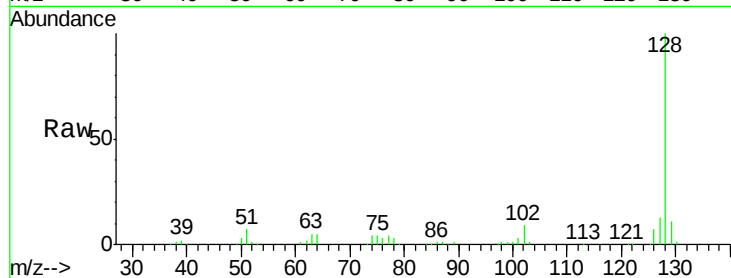




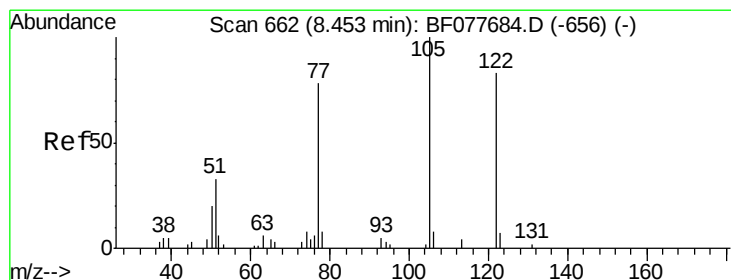
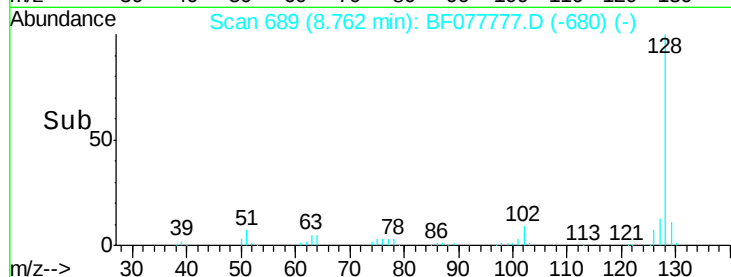
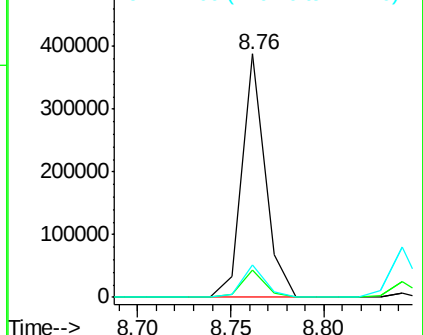
#31
Naphthalene
Concen: 41.23 ng
RT: 8.76 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF077777.D
Acq: 17 Mar 2015 17:50

Instrument :
BNA_F
ClientSampleId :
PB82148BS

Tgt Ion:128 Resp: 337268
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.1 10.4 15.6

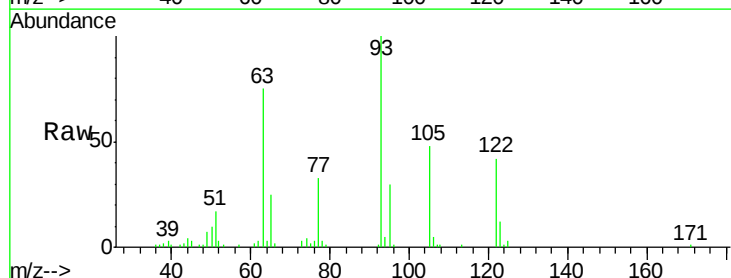


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

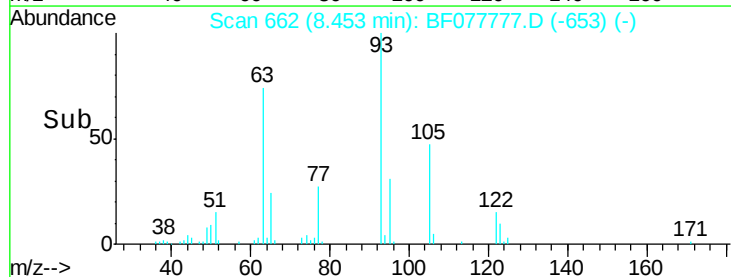
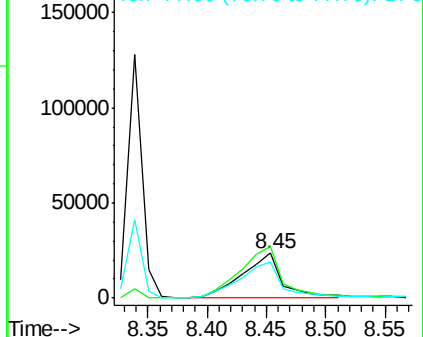


#32
Benzoic acid
Concen: 41.87 ng
RT: 8.45 min Scan# 662
Delta R.T. -0.00 min
Lab File: BF077777.D
Acq: 17 Mar 2015 17:50

Tgt Ion:122 Resp: 53976
Ion Ratio Lower Upper
122 100
105 115.1 99.9 139.9
77 79.6 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

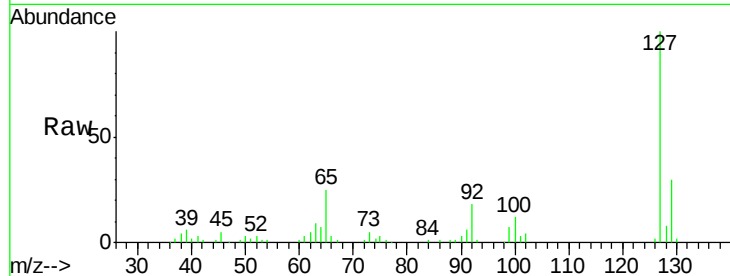




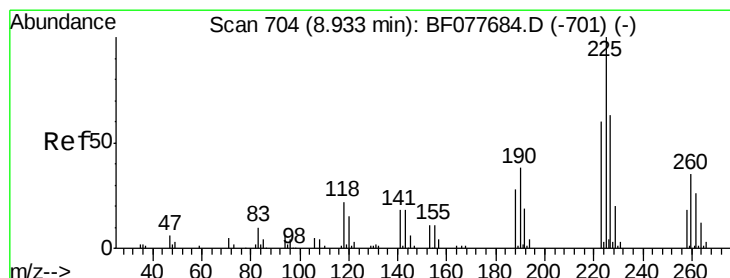
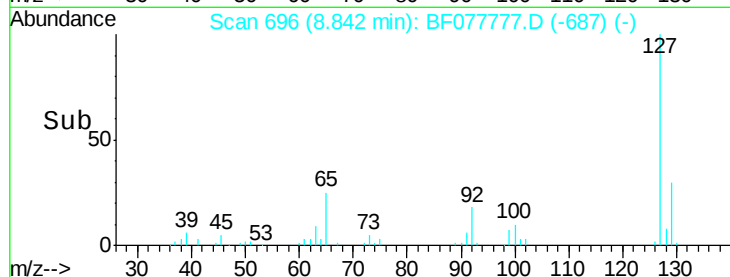
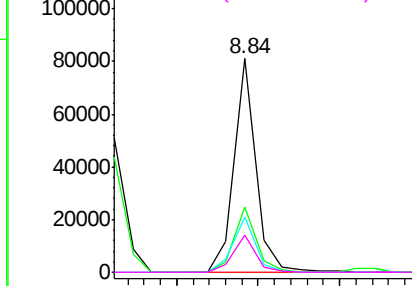
#33
 4-Chloroaniline
 Concen: 22.44 ng
 RT: 8.84 min Scan# 696
 Delta R.T. -0.00 min
 Lab File: BF077777.D
 Acq: 17 Mar 2015 17:50

Instrument :
 BNA_F
 ClientSampleId :
 PB82148BS

Tgt Ion:	127	Resp:	74490
Ion	Ratio	Lower	Upper
127	100		
129	30.5	25.3	37.9
65	25.5	17.6	26.4
92	17.6	13.1	19.7

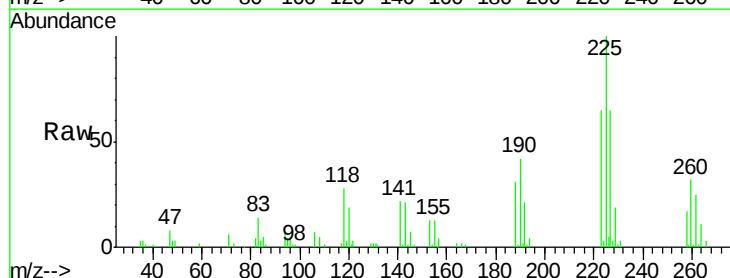


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

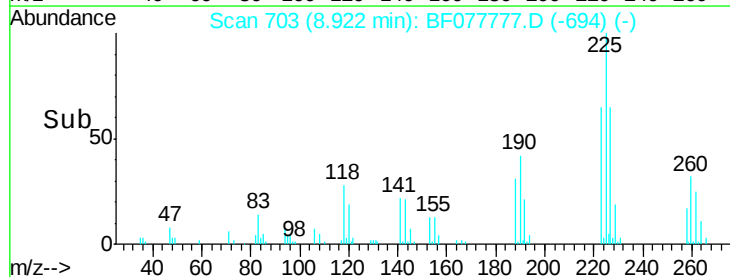
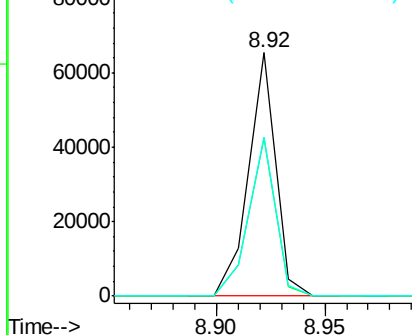


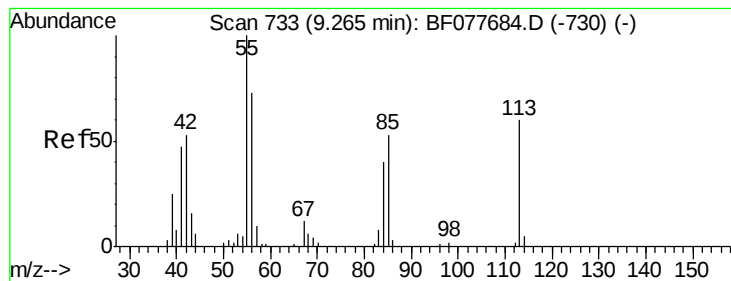
#34
 Hexachlorobutadiene
 Concen: 40.32 ng
 RT: 8.92 min Scan# 703
 Delta R.T. -0.00 min
 Lab File: BF077777.D
 Acq: 17 Mar 2015 17:50

Tgt Ion:	225	Resp:	56902
Ion	Ratio	Lower	Upper
225	100		
223	64.6	47.9	71.9
227	65.1	50.1	75.1



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





#35

Caprolactam

Concen: 45.25 ng

RT: 9.26 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF077777.D

Acq: 17 Mar 2015 17:50

Instrument :

BNA_F

ClientSampleId :

PB82148BS

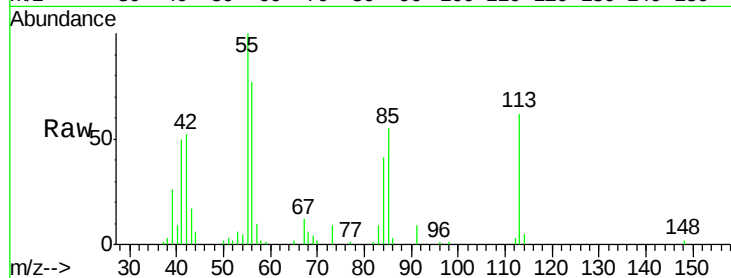
Tgt Ion:113 Resp: 29429

Ion Ratio Lower Upper

113 100

55 162.2 145.9 185.9

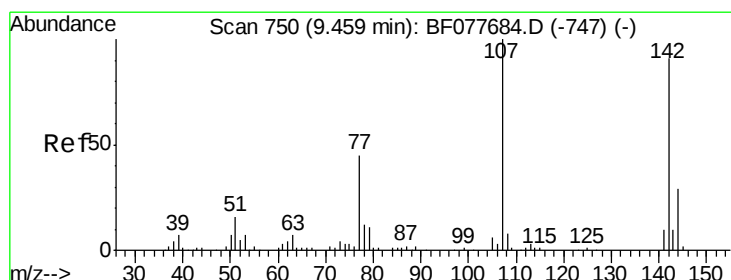
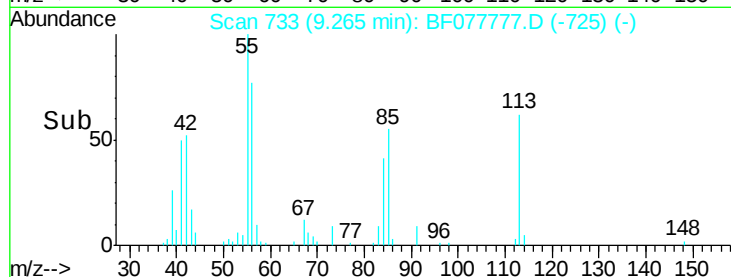
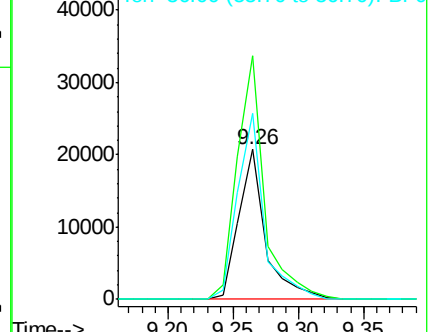
56 124.1 101.0 141.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 43.85 ng

RT: 9.45 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF077777.D

Acq: 17 Mar 2015 17:50

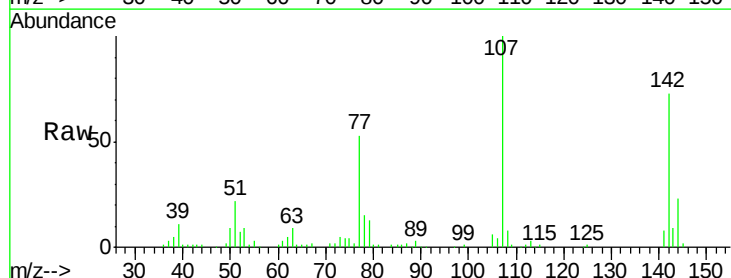
Tgt Ion:107 Resp: 98182

Ion Ratio Lower Upper

107 100

144 22.7 23.3 34.9#

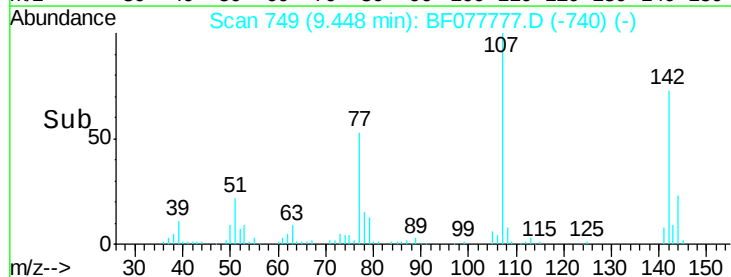
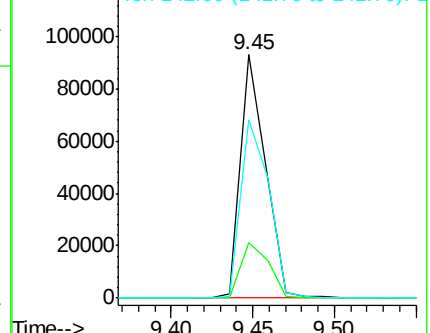
142 73.5 72.6 109.0



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.72 ng

RT: 9.62 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF077777.D

Acq: 17 Mar 2015 17:50

Instrument :

BNA_F

ClientSampleId :

PB82148BS

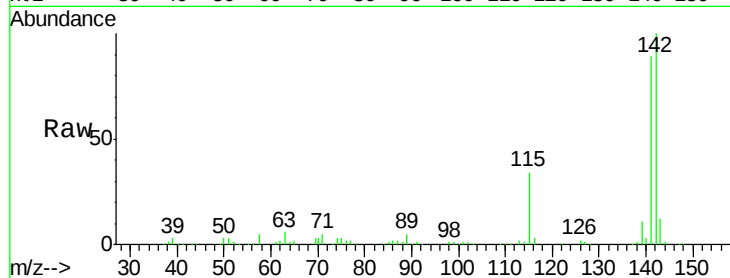
Tgt Ion:142 Resp: 234756

Ion Ratio Lower Upper

142 100

141 88.6 71.9 107.9

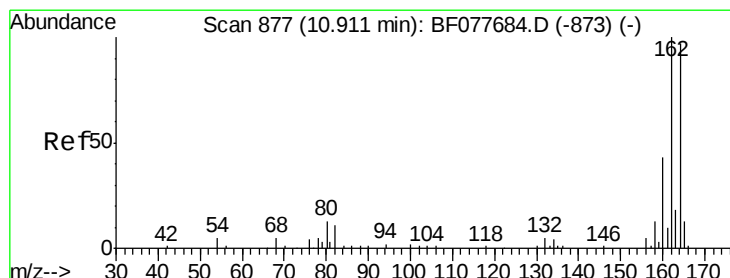
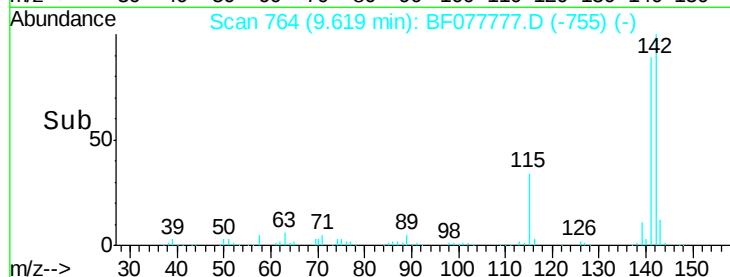
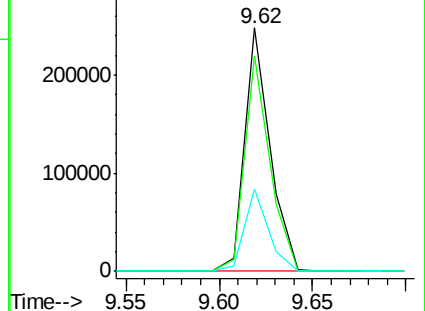
115 33.7 25.4 38.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.91 min Scan# 877

Delta R.T. -0.00 min

Lab File: BF077777.D

Acq: 17 Mar 2015 17:50

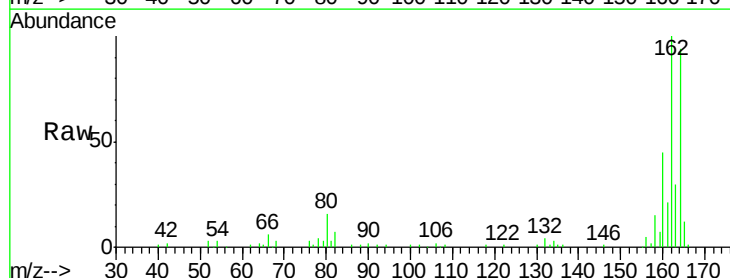
Tgt Ion:164 Resp: 76580

Ion Ratio Lower Upper

164 100

162 106.2 82.4 123.6

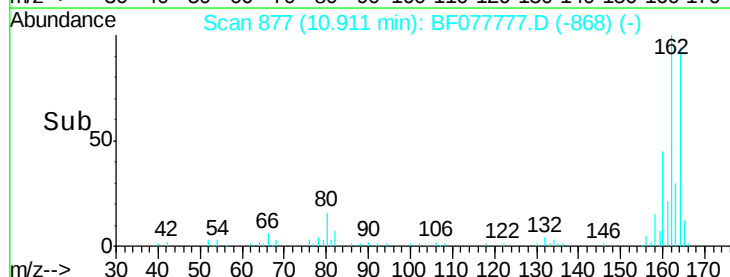
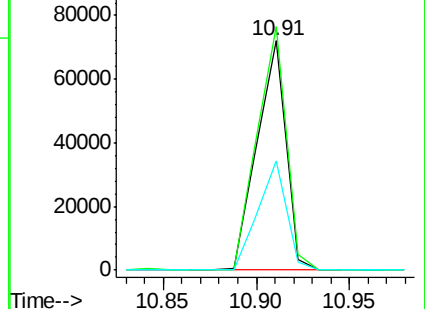
160 47.8 35.8 53.6

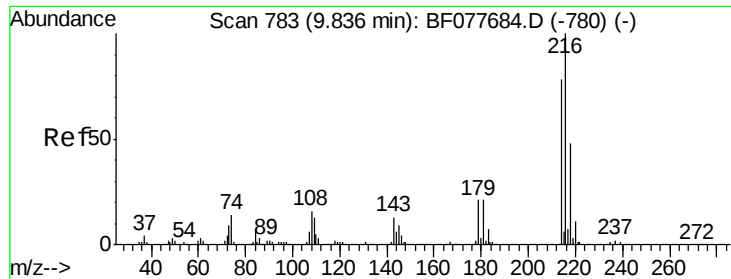


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

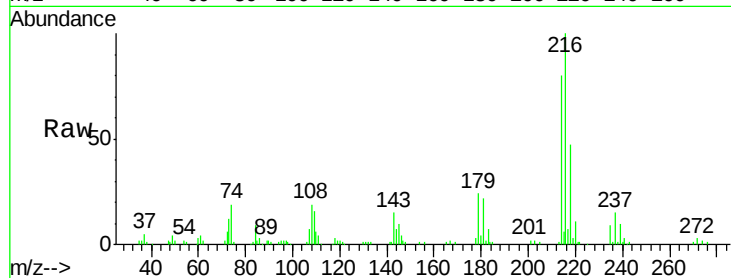




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.98 ng
 RT: 9.82 min Scan# 782
 Delta R.T. -0.00 min
 Lab File: BF077777.D
 Acq: 17 Mar 2015 17:50

Instrument :
 BNA_F
 ClientSampleId :
 PB82148BS

Tgt Ion:	216	Resp:	98168
Ion	Ratio	Lower	Upper
216	100		
214	79.3	0.0	0.0#
179	22.5	0.0	0.0#
108	21.4	0.0	0.0#

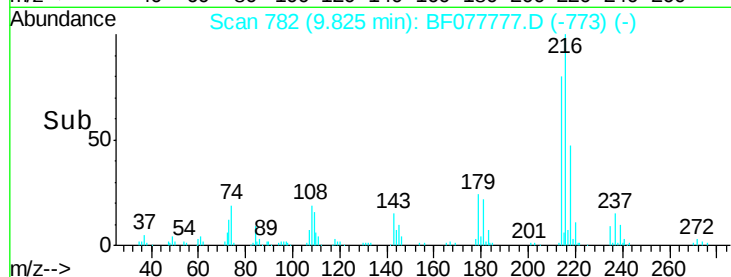
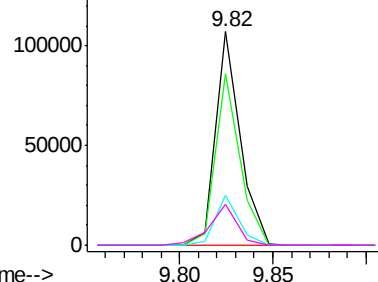


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

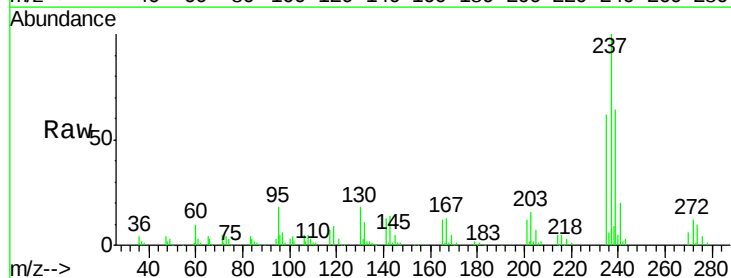
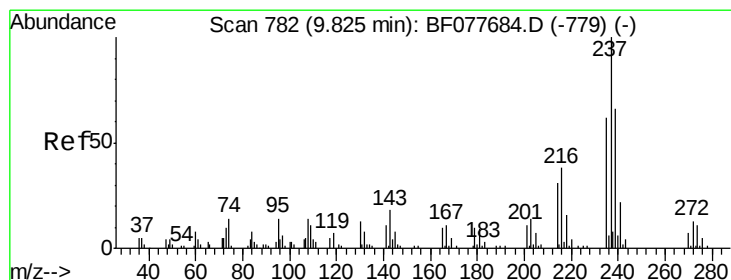
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 85.72 ng
 RT: 9.81 min Scan# 781
 Delta R.T. -0.00 min
 Lab File: BF077777.D
 Acq: 17 Mar 2015 17:50

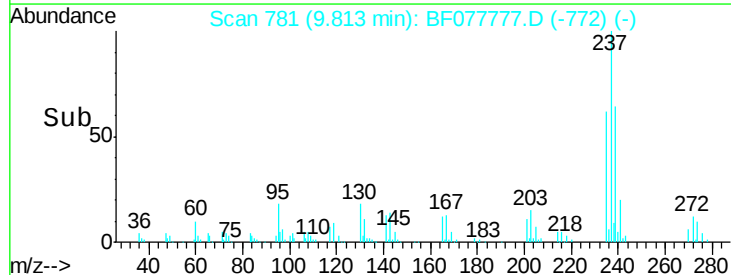
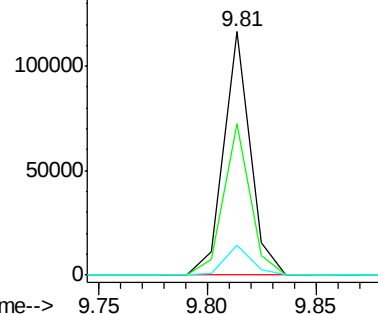
Tgt Ion:	237	Resp:	98286
Ion	Ratio	Lower	Upper
237	100		
235	62.2	42.0	82.0
272	12.4	0.0	33.4



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

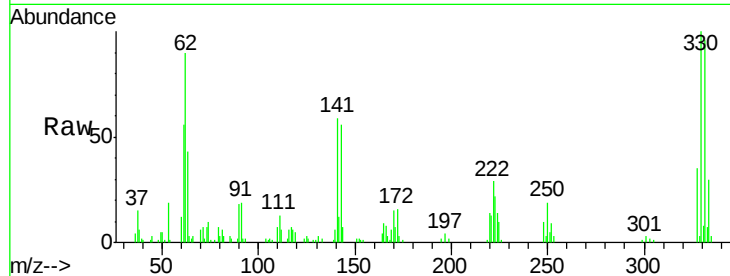




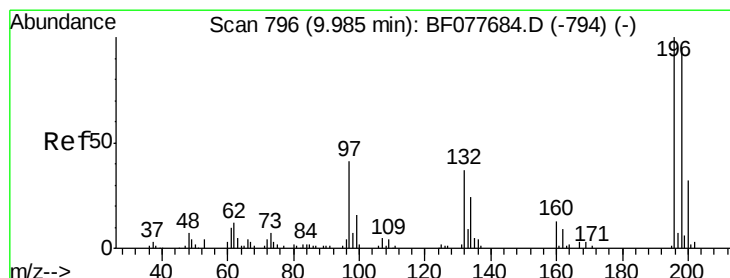
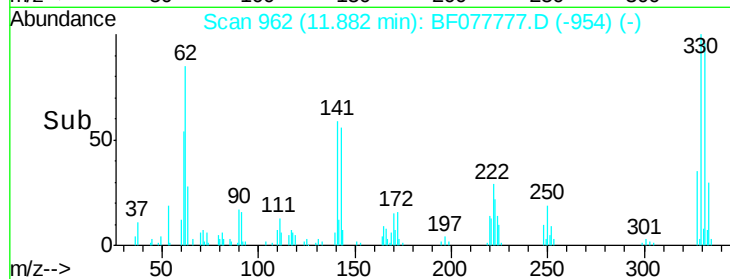
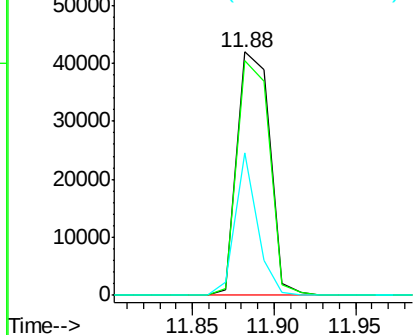
#41
 2,4,6-Tribromophenol
 Concen: 79.17 ng
 RT: 11.88 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF077777.D
 Acq: 17 Mar 2015 17:50

Instrument :
 BNA_F
 ClientSampleId :
 PB82148BS

Tgt Ion:330 Resp: 58007
 Ion Ratio Lower Upper
 330 100
 332 95.5 0.0 0.0#
 141 39.3 0.0 0.0#

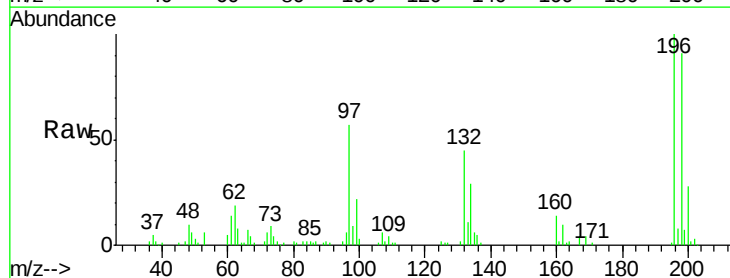


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

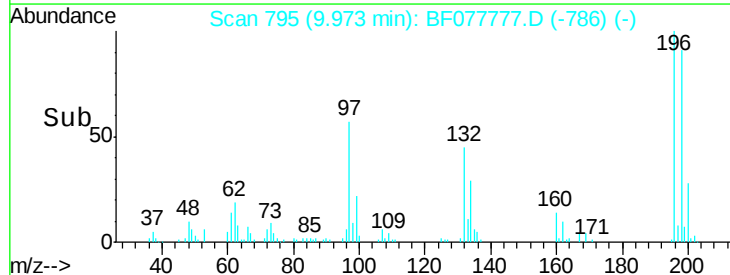
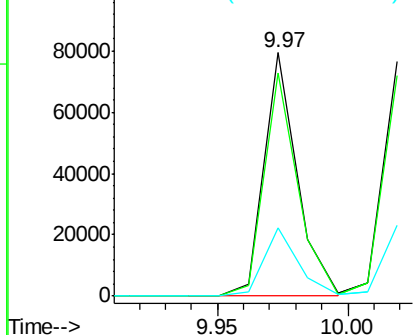


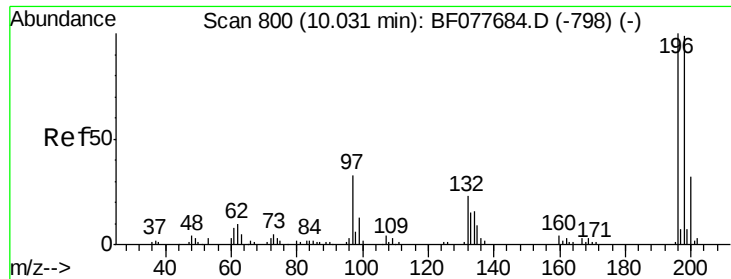
#42
 2,4,6-Trichlorophenol
 Concen: 44.51 ng
 RT: 9.97 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF077777.D
 Acq: 17 Mar 2015 17:50

Tgt Ion:196 Resp: 70423
 Ion Ratio Lower Upper
 196 100
 198 91.4 76.3 114.5
 200 27.9 25.6 38.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

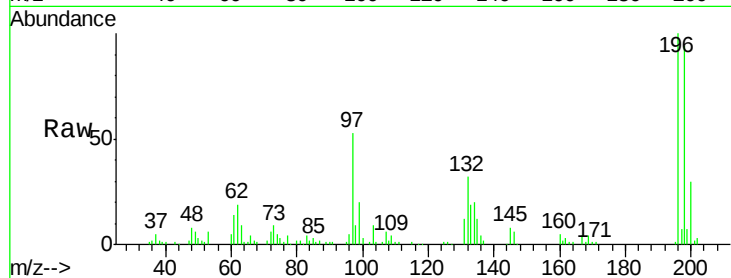




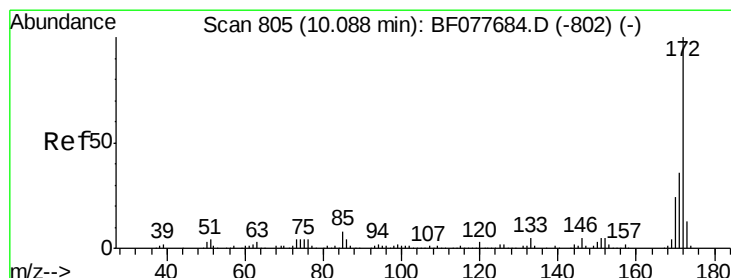
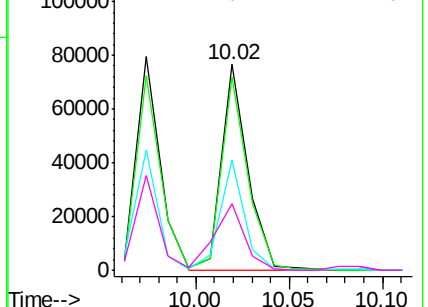
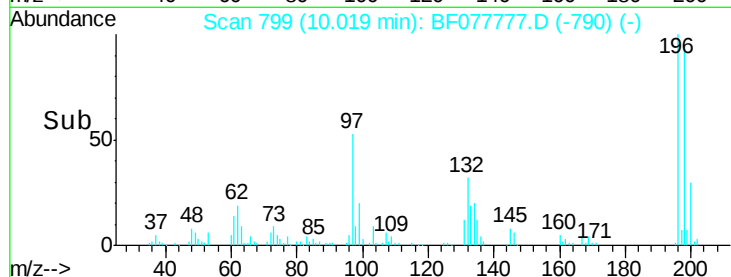
#43
 2,4,5-Trichlorophenol
 Concen: 44.21 ng
 RT: 10.02 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF077777.D
 Acq: 17 Mar 2015 17:50

Instrument :
 BNA_F
 ClientSampleId :
 PB82148BS

Tgt Ion:196 Resp: 75564
 Ion Ratio Lower Upper
 196 100
 198 94.2 79.4 119.0
 97 53.5 26.8 40.2#
 132 32.2 18.6 28.0#

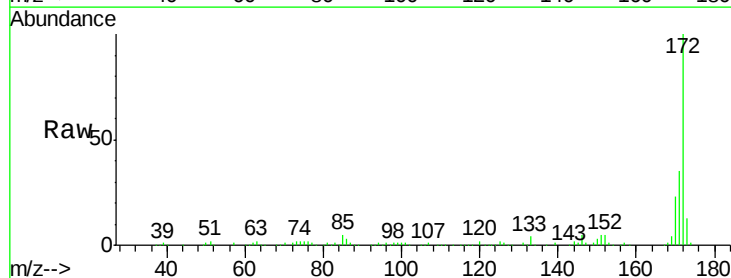


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

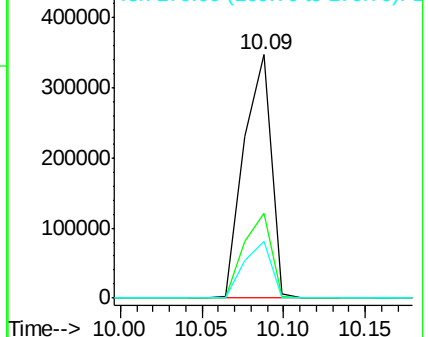
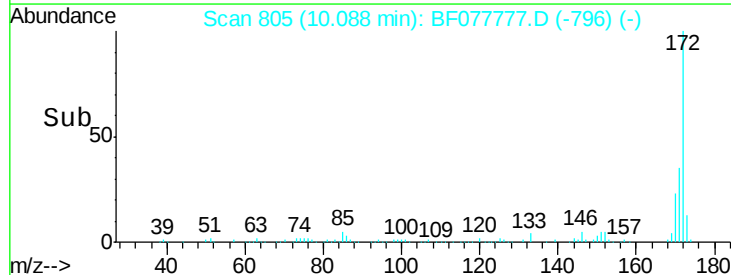


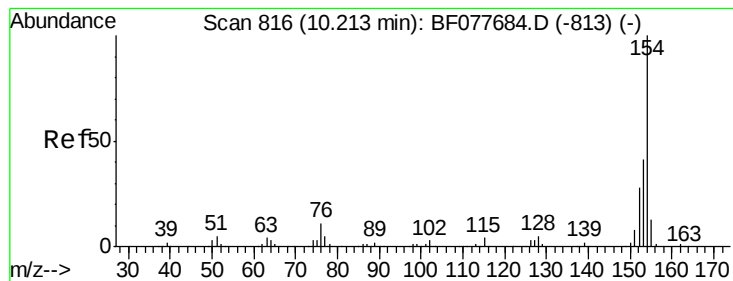
#44
 2-Fluorobiphenyl
 Concen: 77.41 ng
 RT: 10.09 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF077777.D
 Acq: 17 Mar 2015 17:50

Tgt Ion:172 Resp: 403357
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.5 42.7
 170 23.0 18.8 28.2



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





#45

1,1'-Biphenyl

Concen: 45.07 ng

RT: 10.20 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF077777.D

Acq: 17 Mar 2015 17:50

Instrument :

BNA_F

ClientSampleId :

PB82148BS

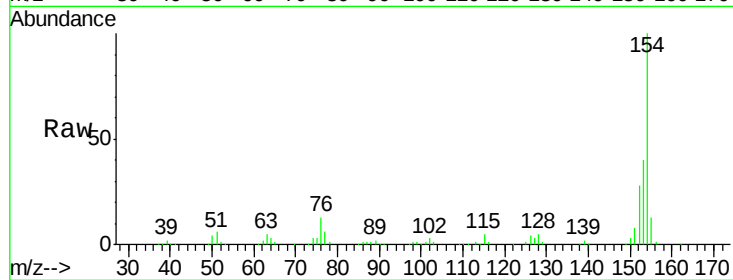
Tgt Ion:154 Resp: 275879

Ion Ratio Lower Upper

154 100

153 39.9 20.7 60.7

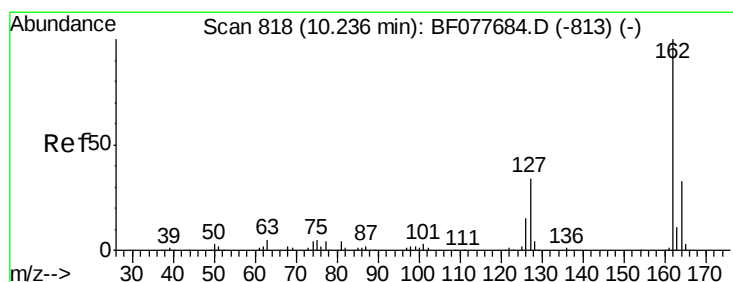
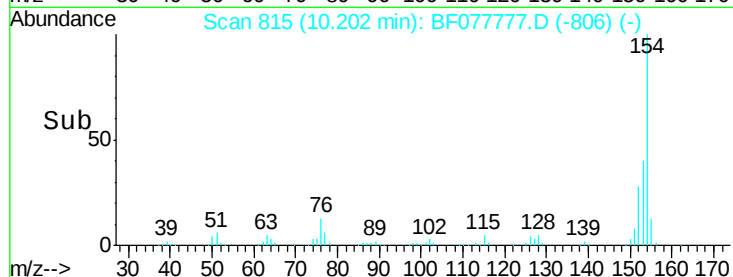
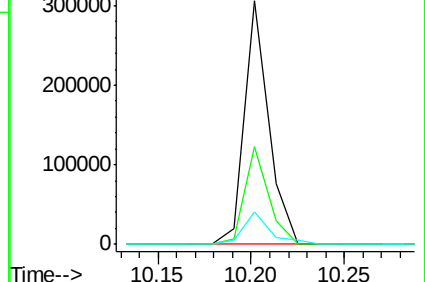
76 13.2 0.0 30.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 45.19 ng

RT: 10.22 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF077777.D

Acq: 17 Mar 2015 17:50

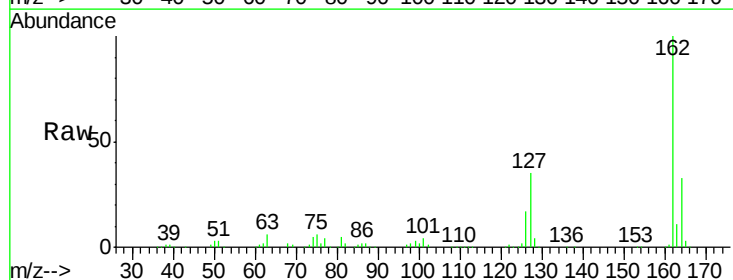
Tgt Ion:162 Resp: 224835

Ion Ratio Lower Upper

162 100

127 35.4 26.9 40.3

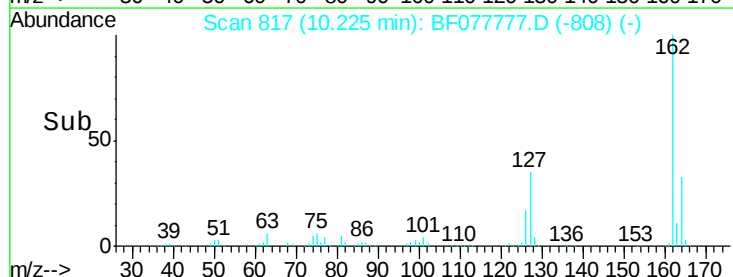
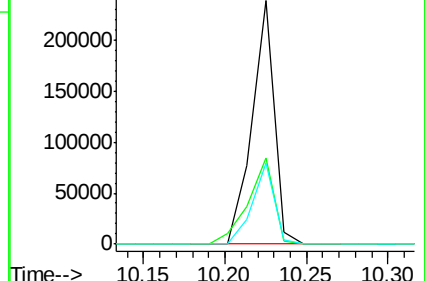
164 33.2 26.8 40.2

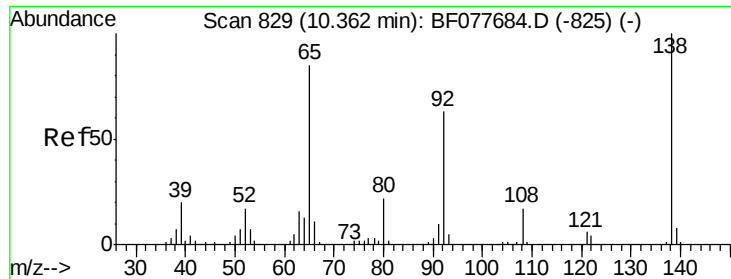


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

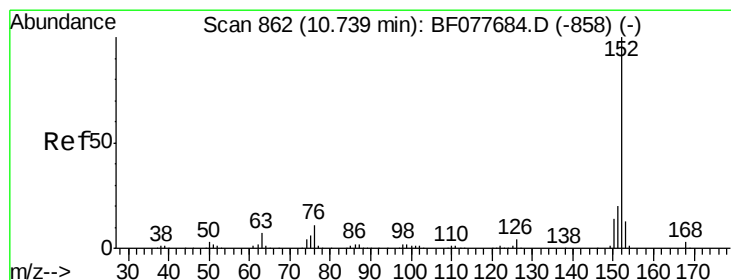
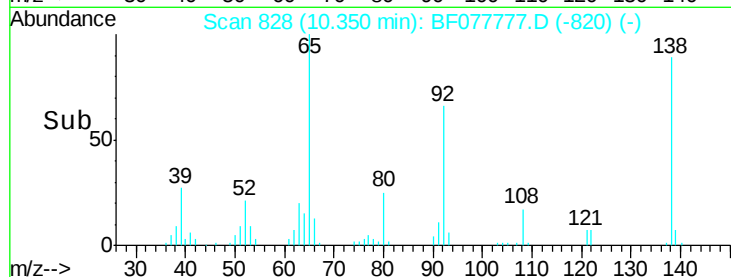
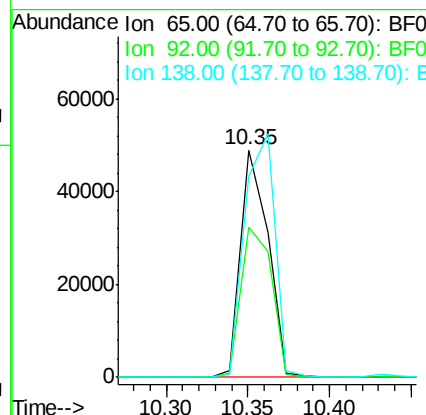
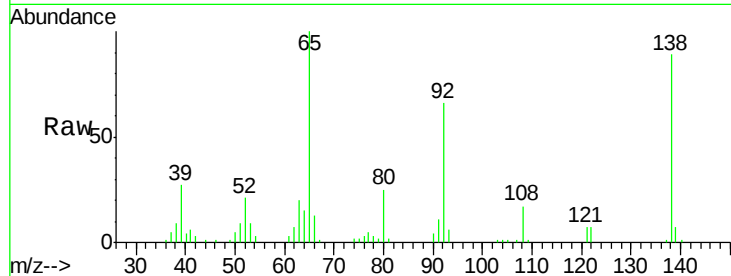




#47
 2-Nitroaniline
 Concen: 46.17 ng
 RT: 10.35 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF077777.D
 Acq: 17 Mar 2015 17:50

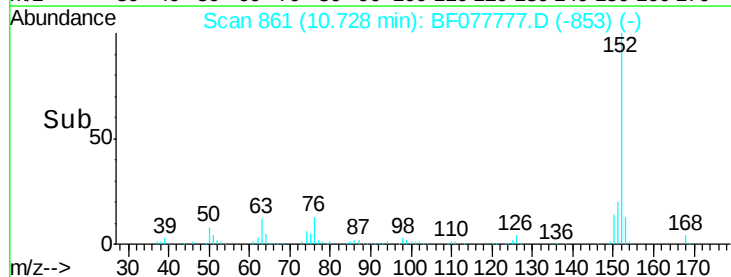
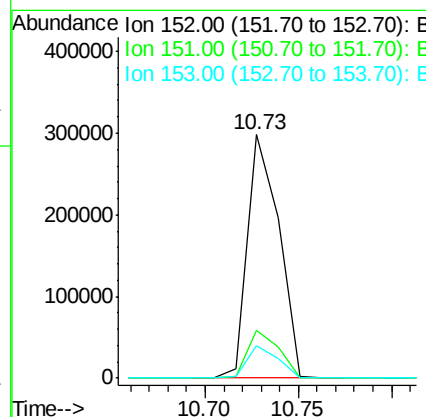
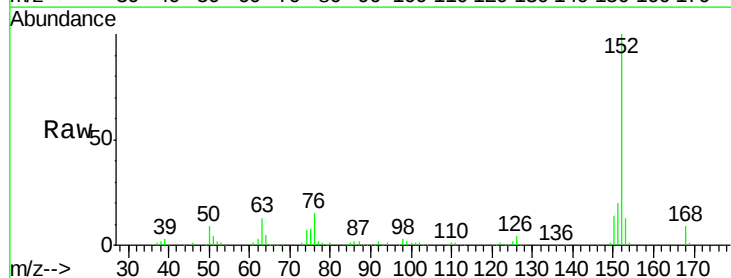
Instrument :
 BNA_F
 ClientSampleId :
 PB82148BS

Tgt Ion: 65 Resp: 57049
 Ion Ratio Lower Upper
 65 100
 92 65.8 59.1 88.7
 138 88.9 93.9 140.9#



#48
 Acenaphthylene
 Concen: 42.13 ng
 RT: 10.73 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: BF077777.D
 Acq: 17 Mar 2015 17:50

Tgt Ion: 152 Resp: 348539
 Ion Ratio Lower Upper
 152 100
 151 19.5 15.9 23.9
 153 13.4 10.6 16.0

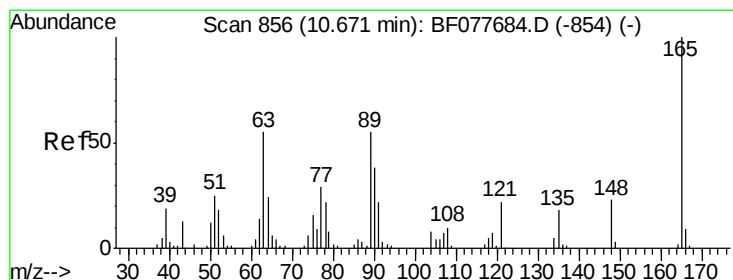
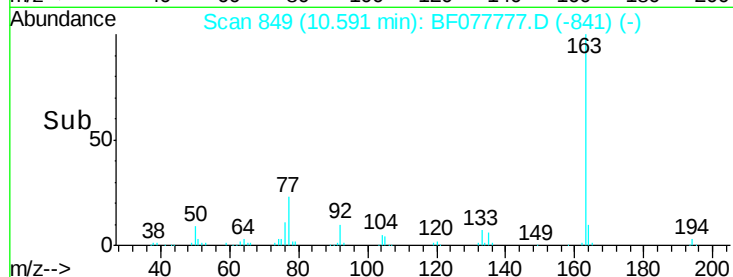
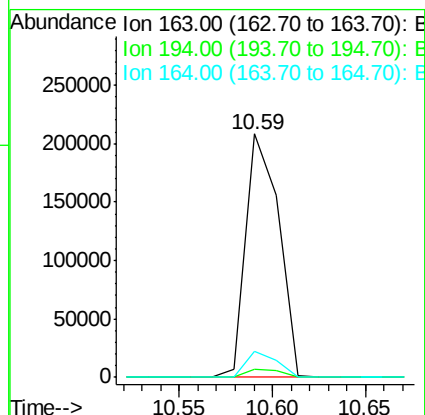
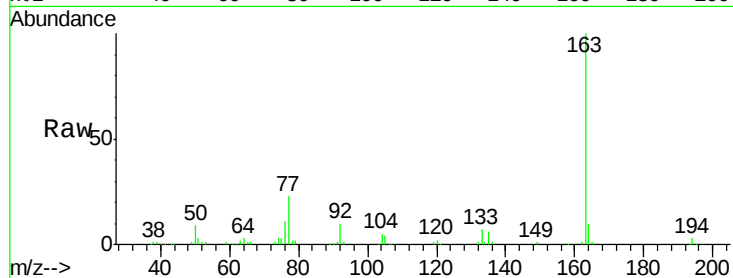




#49
Dimethylphthalate
Concen: 44.96 ng
RT: 10.59 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF077777.D
Acq: 17 Mar 2015 17:50

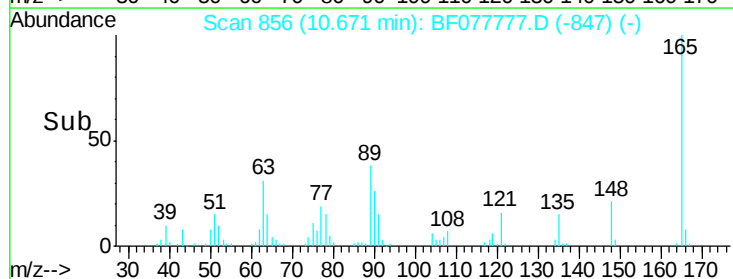
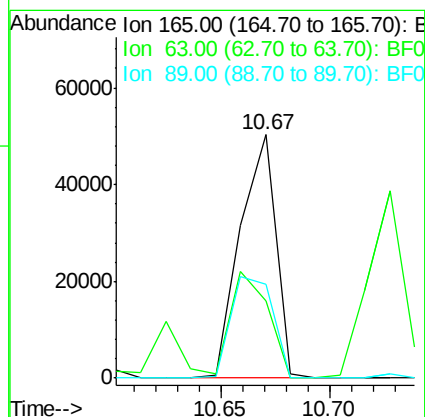
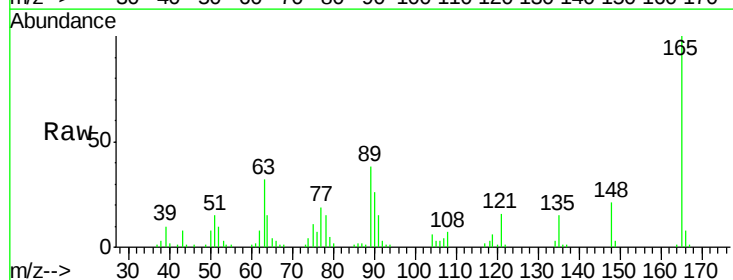
Instrument :
BNA_F
ClientSampleId :
PB82148BS

Tgt Ion:163 Resp: 255366
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.5 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 48.49 ng
RT: 10.67 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF077777.D
Acq: 17 Mar 2015 17:50

Tgt Ion:165 Resp: 57094
Ion Ratio Lower Upper
165 100
63 31.6 44.1 66.1#
89 38.4 44.3 66.5#





#51

Acenaphthene

Concen: 41.80 ng

RT: 10.94 min Scan# 880

Delta R.T. -0.00 min

Lab File: BF077777.D

Acq: 17 Mar 2015 17:50

Instrument :

BNA_F

ClientSampleId :

PB82148BS

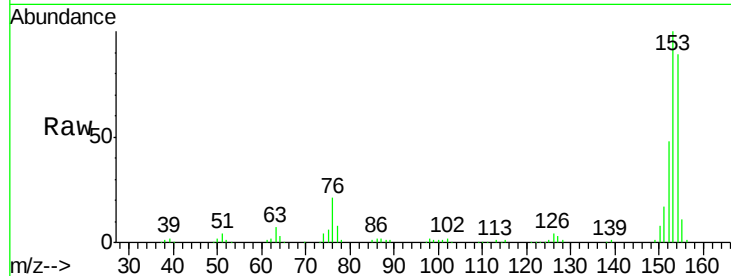
Tgt Ion:154 Resp: 198251

Ion Ratio Lower Upper

154 100

153 112.9 90.0 135.0

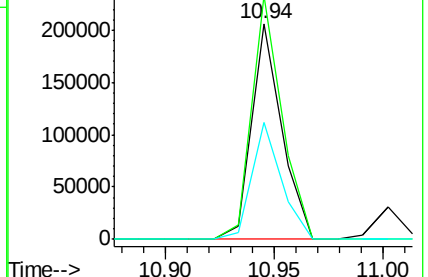
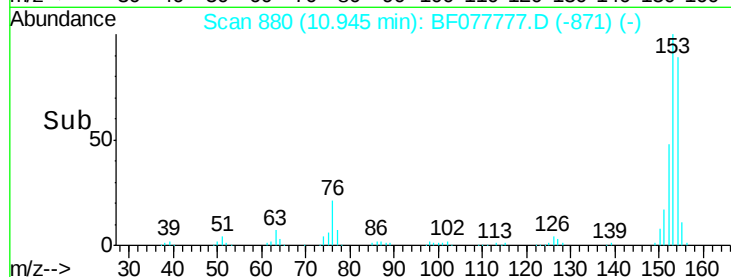
152 54.5 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 29.50 ng

RT: 10.86 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF077777.D

Acq: 17 Mar 2015 17:50

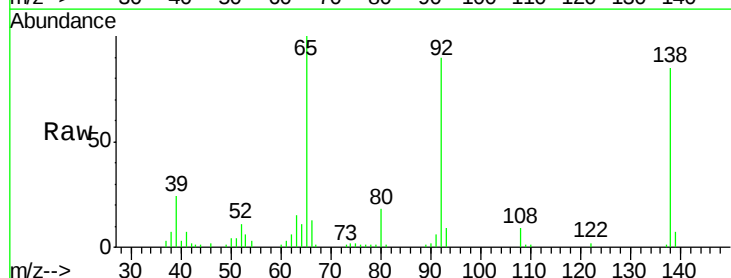
Tgt Ion:138 Resp: 40336

Ion Ratio Lower Upper

138 100

108 10.1 7.3 10.9

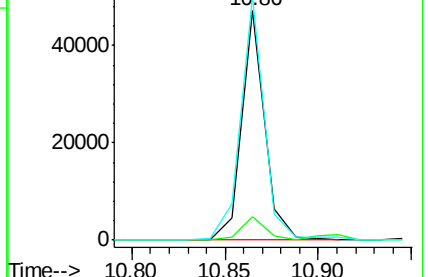
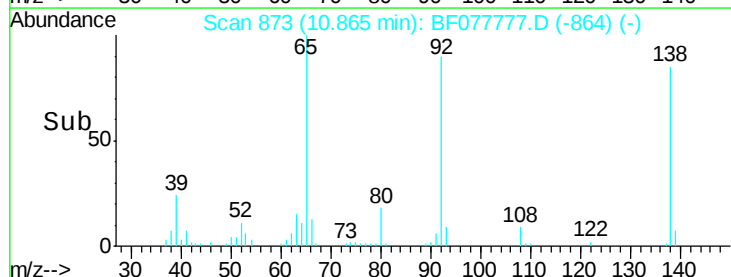
92 106.3 76.6 114.8

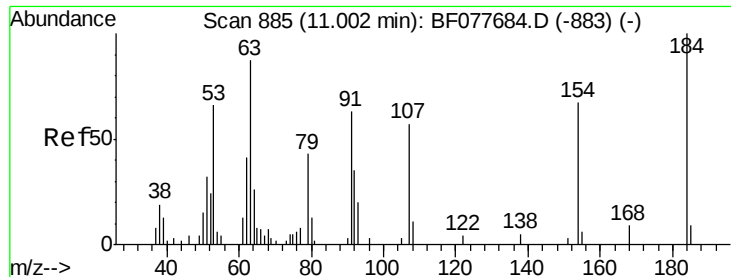


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

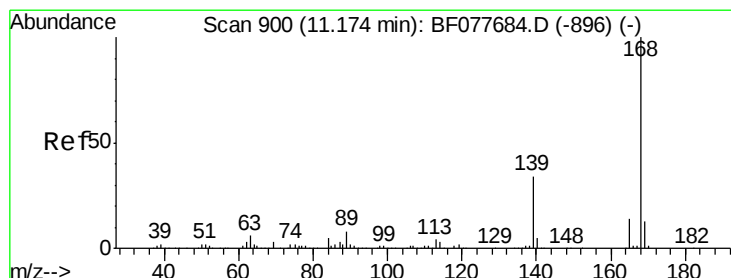
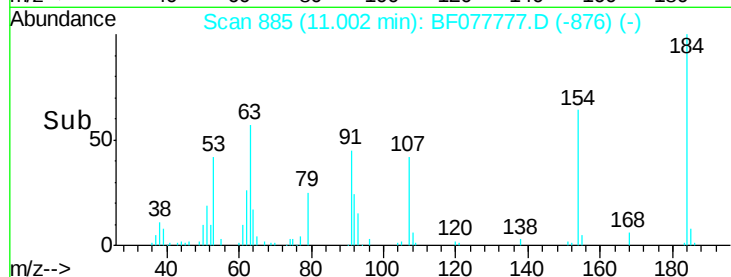
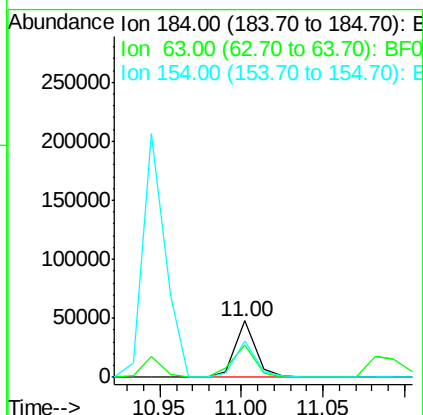
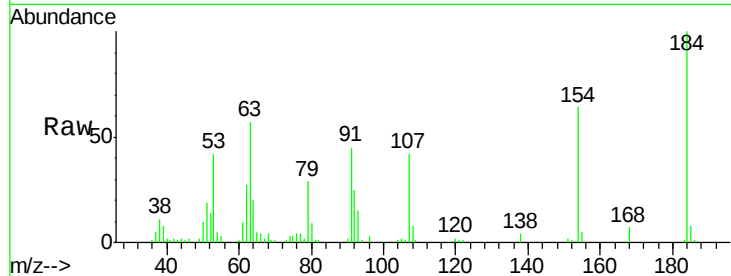




#53
 2,4-Dinitrophenol
 Concen: 97.74 ng
 RT: 11.00 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BF077777.D
 Acq: 17 Mar 2015 17:50

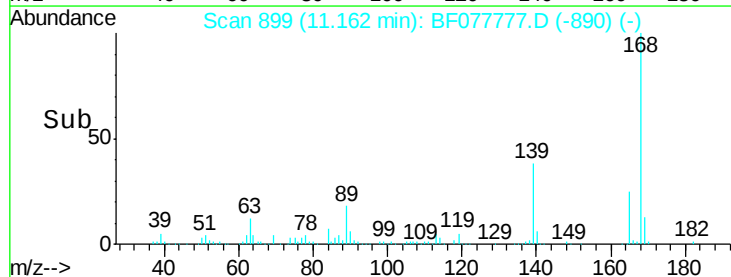
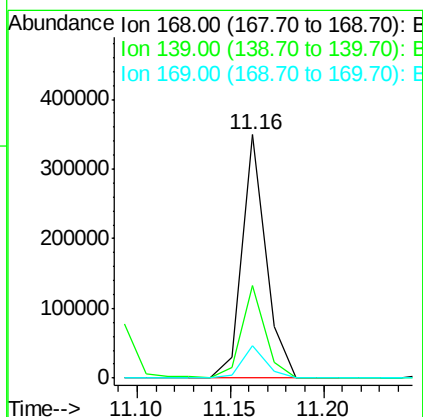
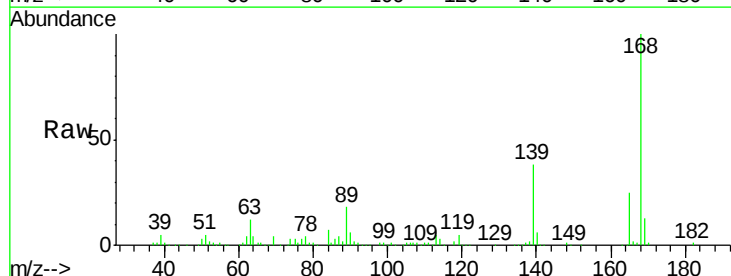
Instrument :
 BNA_F
 ClientSampleId :
 PB82148BS

Tgt Ion:184 Resp: 43136
 Ion Ratio Lower Upper
 184 100
 63 56.9 69.2 103.8#
 154 64.4 53.3 79.9



#54
 Dibenzofuran
 Concen: 44.37 ng
 RT: 11.16 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: BF077777.D
 Acq: 17 Mar 2015 17:50

Tgt Ion:168 Resp: 312123
 Ion Ratio Lower Upper
 168 100
 139 37.9 27.3 40.9
 169 13.3 10.6 16.0

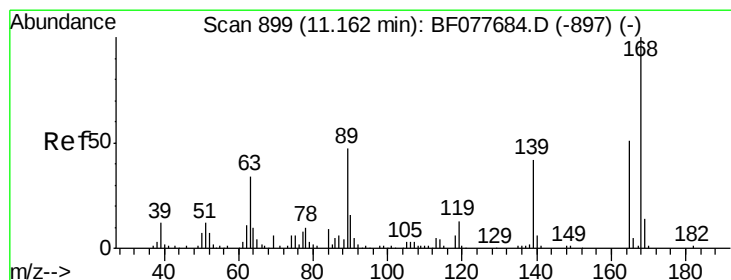
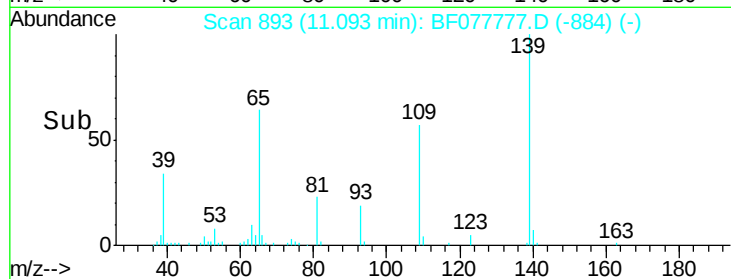
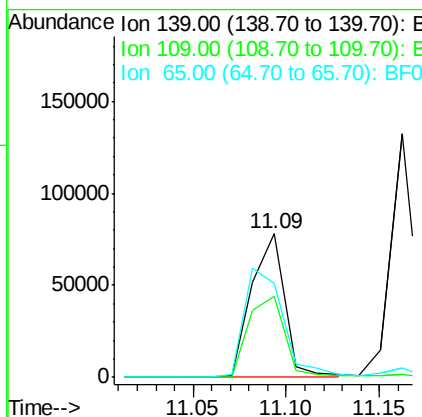
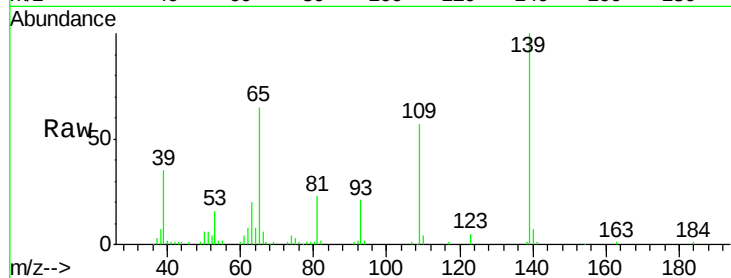




#55
4-Nitrophenol
Concen: 95.08 ng
RT: 11.09 min Scan# 893
Delta R.T. -0.00 min
Lab File: BF077777.D
Acq: 17 Mar 2015 17:50

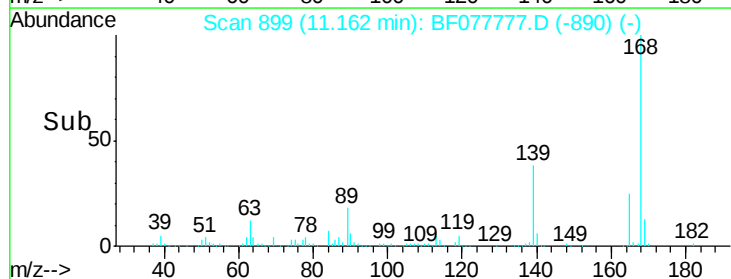
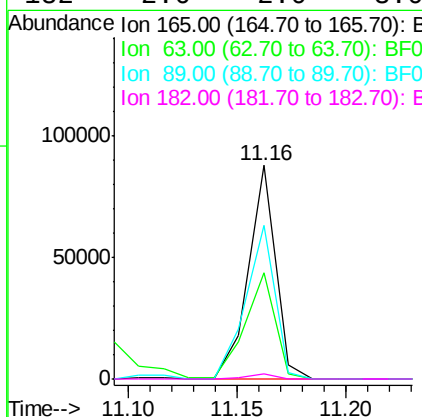
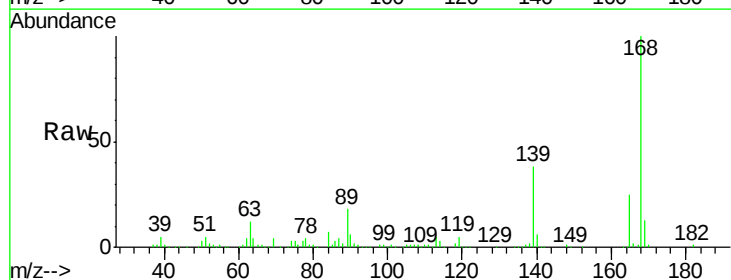
Instrument :
BNA_F
ClientSampleId :
PB82148BS

Tgt Ion:139 Resp: 96302
Ion Ratio Lower Upper
139 100
109 56.9 37.7 77.7
65 65.0 49.9 89.9



#56
2,4-Dinitrotoluene
Concen: 49.73 ng
RT: 11.16 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF077777.D
Acq: 17 Mar 2015 17:50

Tgt Ion:165 Resp: 76349
Ion Ratio Lower Upper
165 100
63 49.7 52.4 78.6#
89 72.2 72.4 108.6#
182 2.6 2.0 3.0





#57

Fluorene

Concen: 42.93 ng

RT: 11.58 min Scan# 936

Delta R.T. -0.00 min

Lab File: BF077777.D

Acq: 17 Mar 2015 17:50

Instrument :

BNA_F

ClientSampleId :

PB82148BS

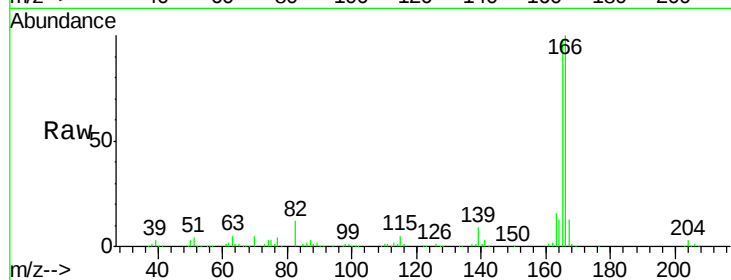
Tgt Ion:166 Resp: 250786

Ion Ratio Lower Upper

166 100

165 98.3 79.0 118.4

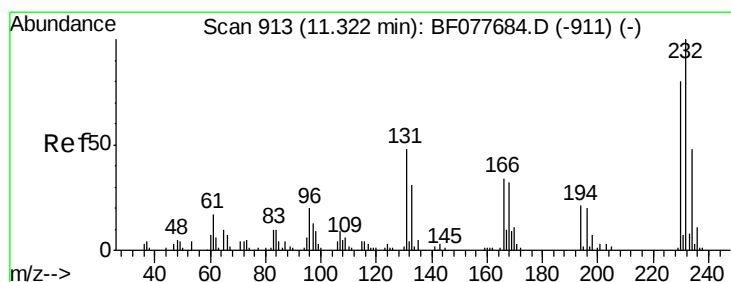
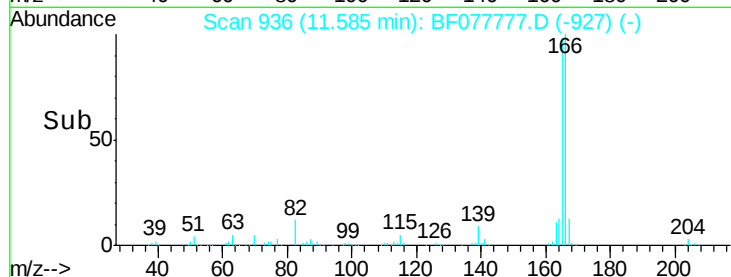
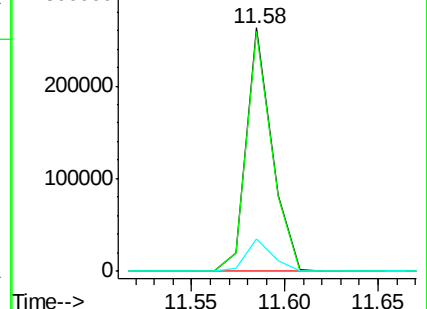
167 13.2 10.3 15.5



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.14 ng

RT: 11.32 min Scan# 913

Delta R.T. -0.00 min

Lab File: BF077777.D

Acq: 17 Mar 2015 17:50

Tgt Ion:232 Resp: 59408

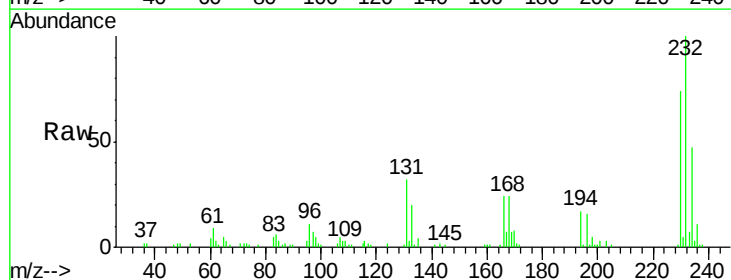
Ion Ratio Lower Upper

232 100

131 46.0 0.0 0.0#

130 1.9 0.0 0.0#

166 31.1 0.0 0.0#

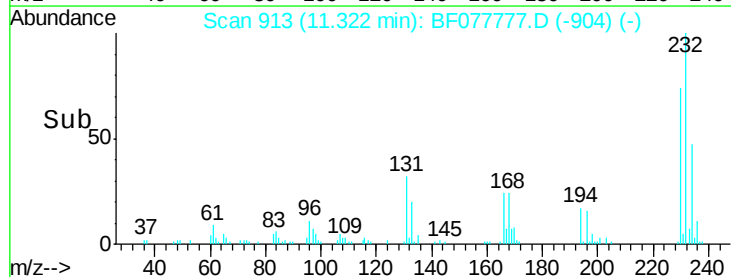
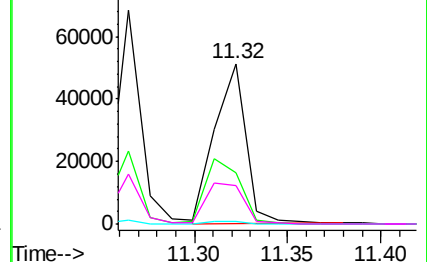


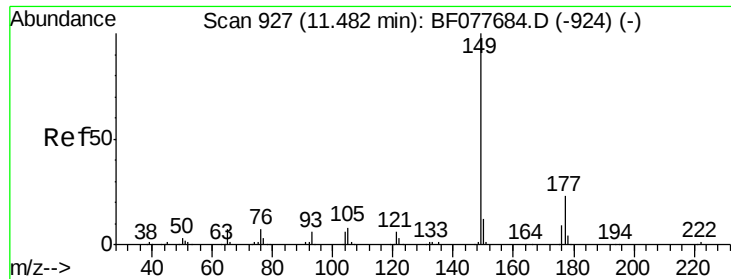
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

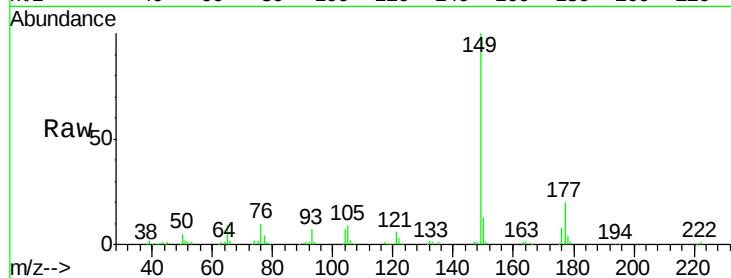




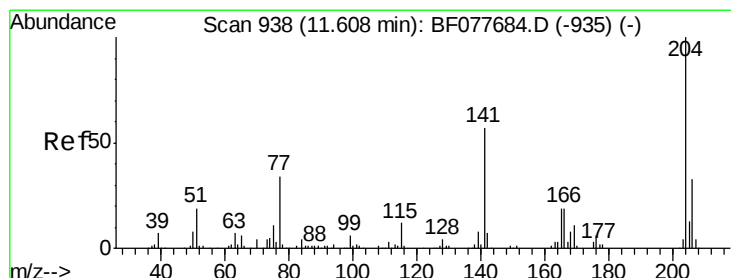
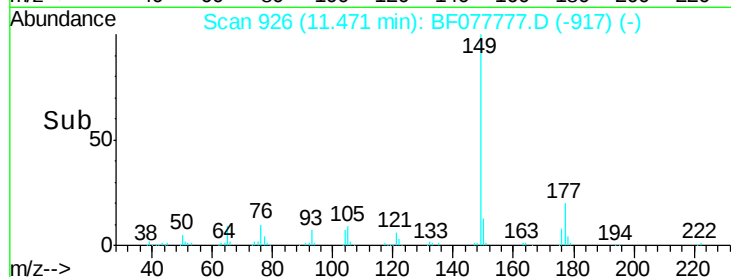
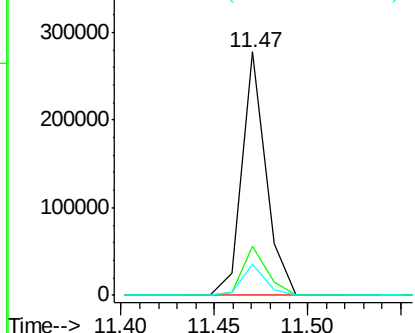
#59
Diethylphthalate
Concen: 44.87 ng
RT: 11.47 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF077777.D
Acq: 17 Mar 2015 17:50

Instrument :
BNA_F
ClientSampleId :
PB82148BS

Tgt Ion:149 Resp: 248318
Ion Ratio Lower Upper
149 100
177 20.3 18.3 27.5
150 12.6 9.8 14.8

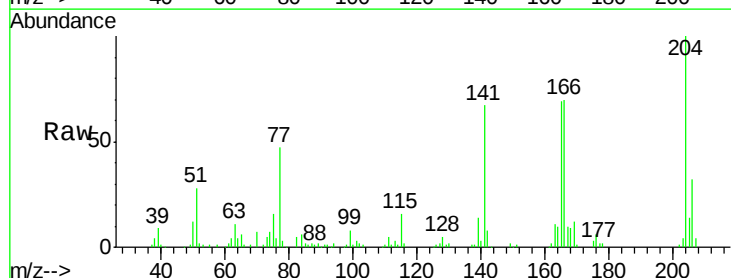


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

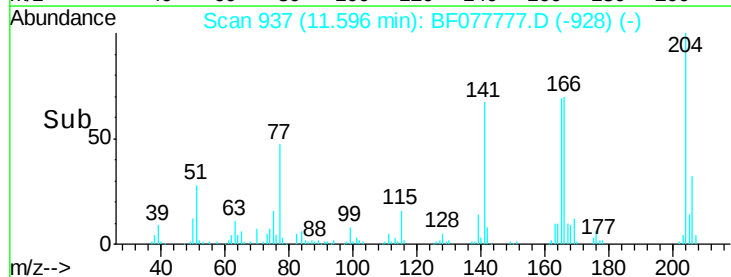
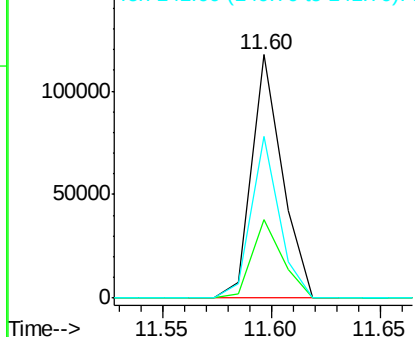


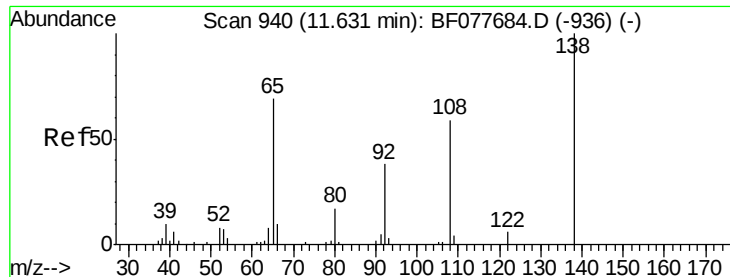
#60
4-Chlorophenyl-phenylether
Concen: 43.08 ng
RT: 11.60 min Scan# 937
Delta R.T. -0.00 min
Lab File: BF077777.D
Acq: 17 Mar 2015 17:50

Tgt Ion:204 Resp: 114848
Ion Ratio Lower Upper
204 100
206 32.3 26.6 39.8
141 66.5 45.2 67.8



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

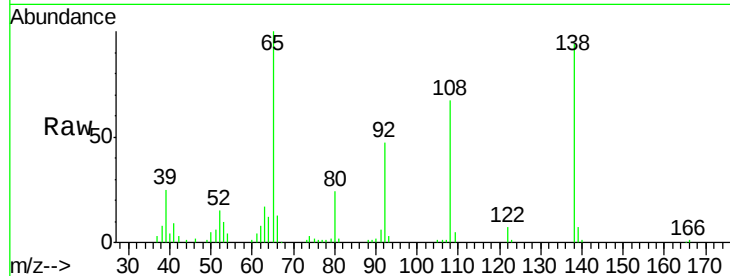




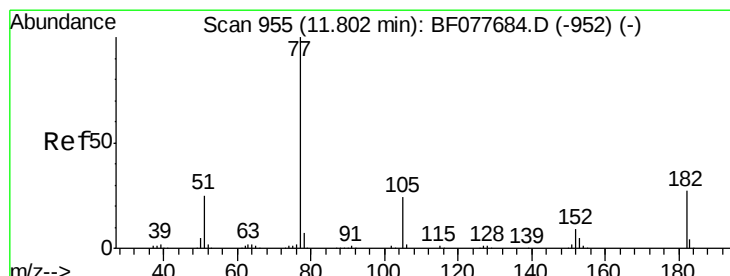
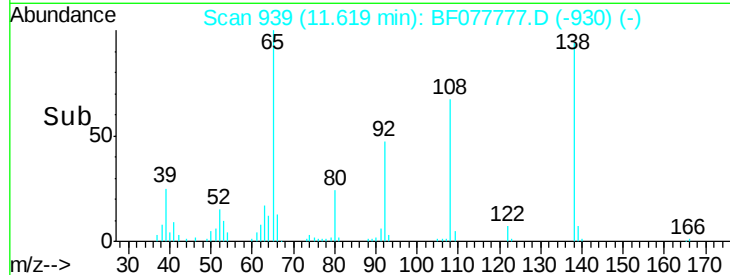
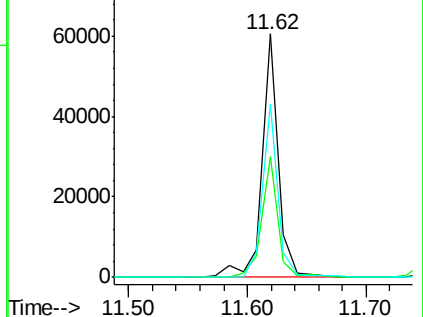
#61
4-Nitroaniline
Concen: 42.77 ng
RT: 11.62 min Scan# 939
Delta R.T. -0.00 min
Lab File: BF077777.D
Acq: 17 Mar 2015 17:50

Instrument :
BNA_F
ClientSampleId :
PB82148BS

Tgt Ion:138 Resp: 58282
Ion Ratio Lower Upper
138 100
92 49.8 16.7 56.7
108 71.0 37.6 77.6

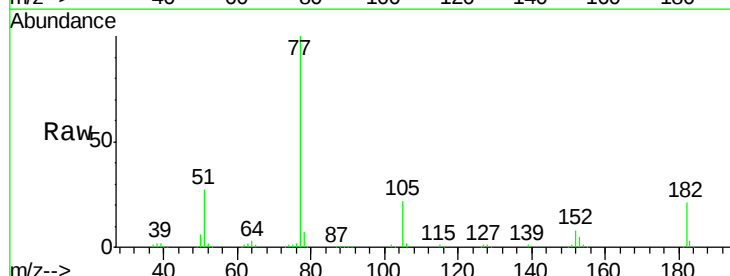


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

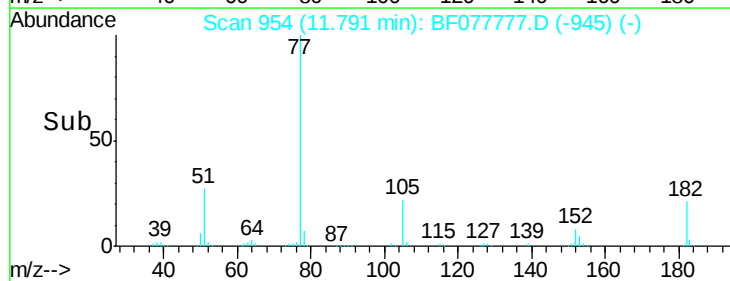
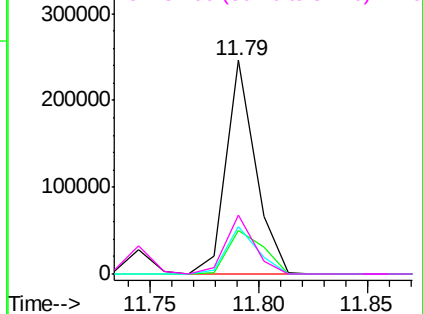


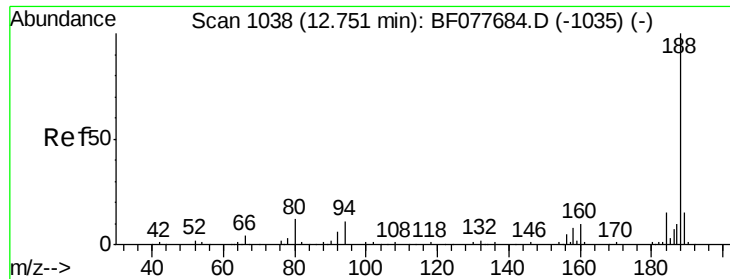
#62
Azobenzene
Concen: 43.49 ng
RT: 11.79 min Scan# 954
Delta R.T. -0.00 min
Lab File: BF077777.D
Acq: 17 Mar 2015 17:50

Tgt Ion: 77 Resp: 230051
Ion Ratio Lower Upper
77 100
182 20.7 6.5 46.5
105 22.2 3.8 43.8
51 27.4 5.5 45.5



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

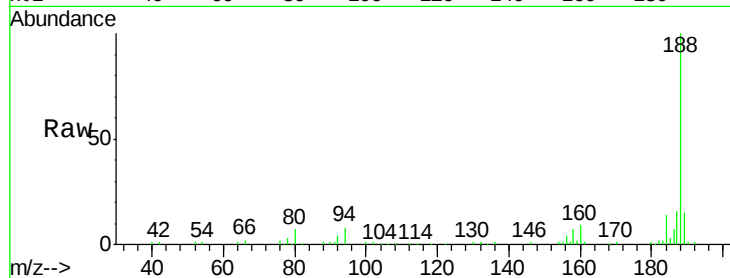




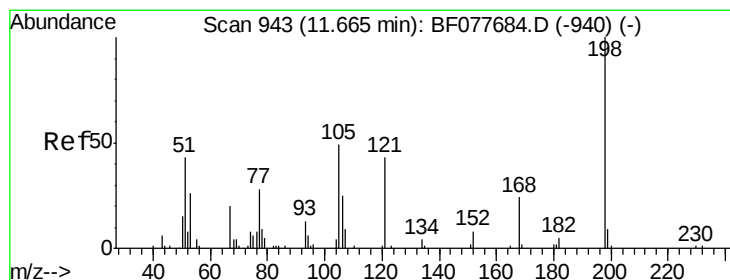
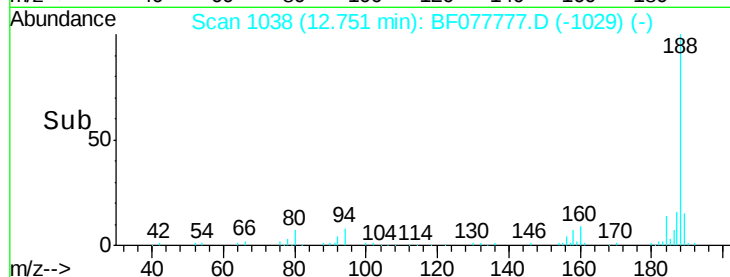
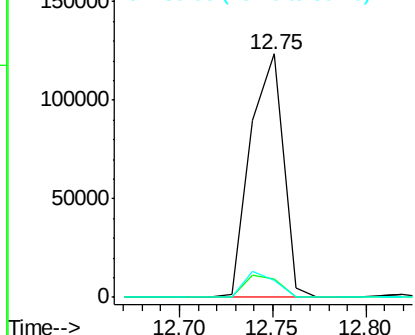
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.75 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF077777.D
 Acq: 17 Mar 2015 17:50

Instrument :
 BNA_F
 ClientSampleId :
 PB82148BS

Tgt Ion:188 Resp: 151127
 Ion Ratio Lower Upper
 188 100
 94 7.5 8.7 13.1#
 80 7.1 9.3 13.9#

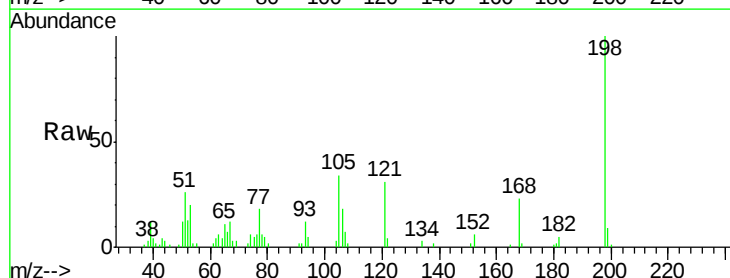


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

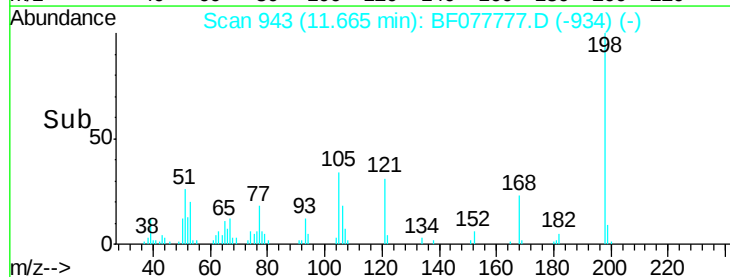
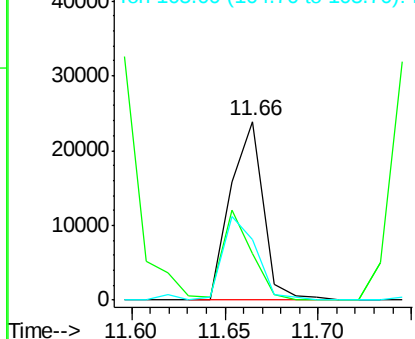


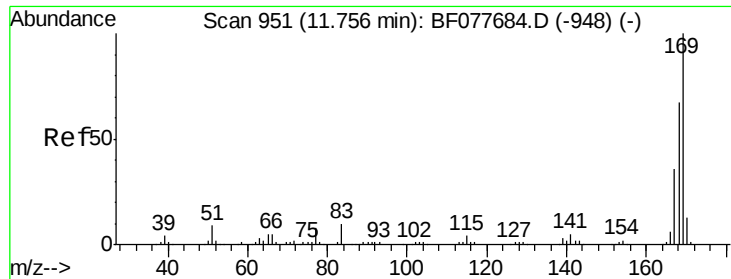
#64
 4,6-Dinitro-2-methylphenol
 Concen: 41.68 ng
 RT: 11.66 min Scan# 943
 Delta R.T. -0.00 min
 Lab File: BF077777.D
 Acq: 17 Mar 2015 17:50

Tgt Ion:198 Resp: 29294
 Ion Ratio Lower Upper
 198 100
 51 26.3 28.8 68.8#
 105 34.1 30.5 70.5



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

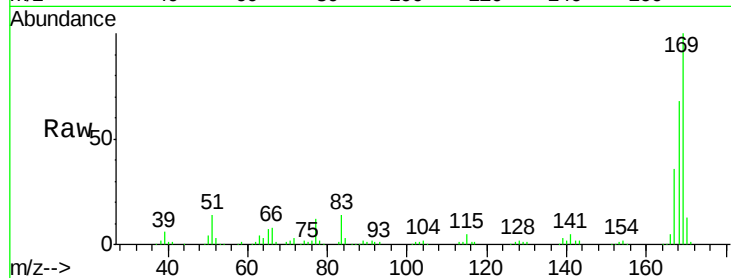




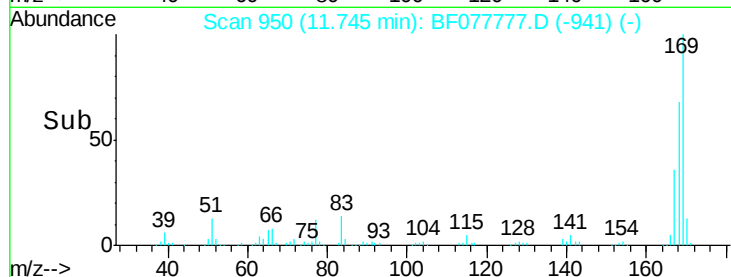
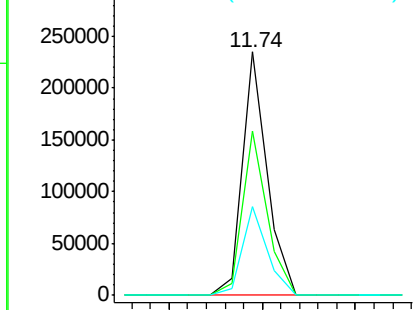
#65
 n-Nitrosodiphenylamine
 Concen: 43.06 ng
 RT: 11.74 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: BF077777.D
 Acq: 17 Mar 2015 17:50

Instrument :
 BNA_F
 ClientSampleId :
 PB82148BS

Tgt Ion:169 Resp: 216709
 Ion Ratio Lower Upper
 169 100
 168 67.7 53.9 80.9
 167 36.3 28.9 43.3

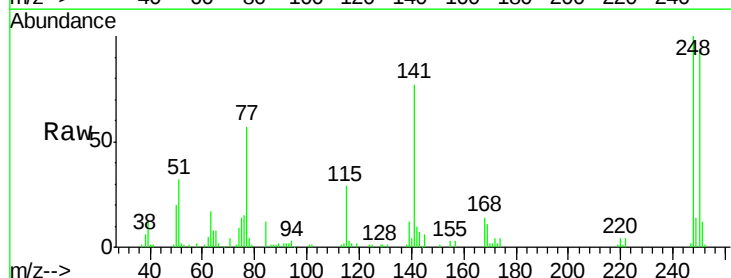


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

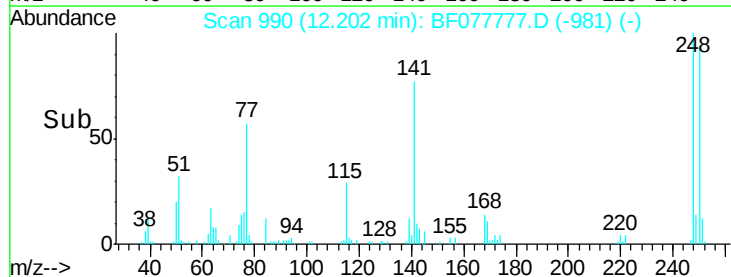
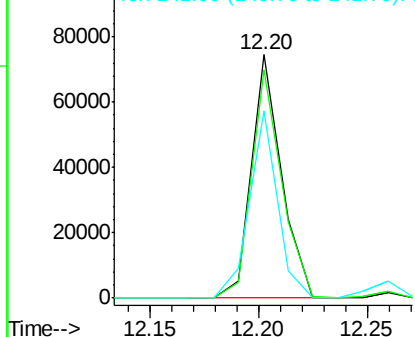


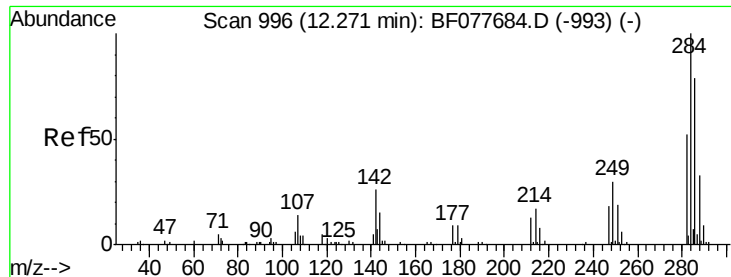
#66
 4-Bromophenyl-phenylether
 Concen: 44.31 ng
 RT: 12.20 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: BF077777.D
 Acq: 17 Mar 2015 17:50

Tgt Ion:248 Resp: 71469
 Ion Ratio Lower Upper
 248 100
 250 93.7 77.4 116.0
 141 76.7 45.2 67.8#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

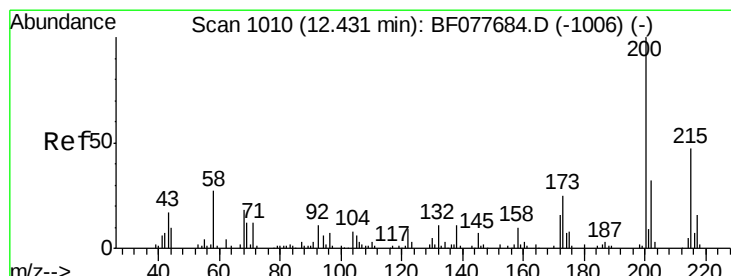
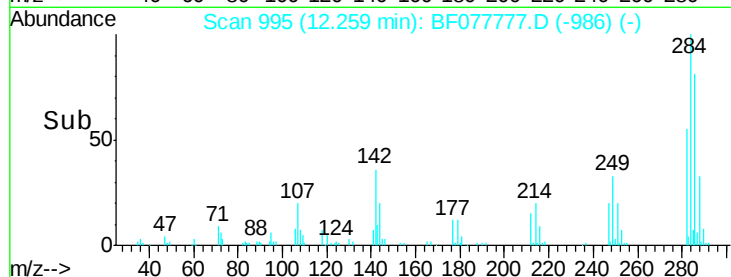
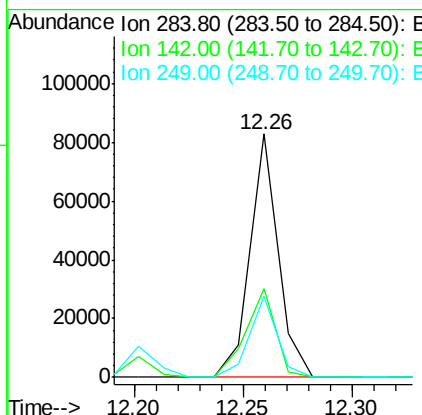
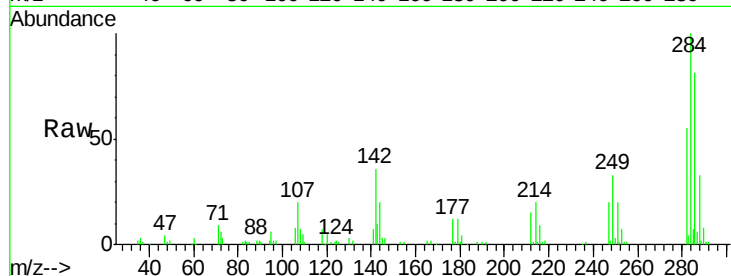




#67
Hexachlorobenzene
Concen: 42.23 ng
RT: 12.26 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF077777.D
Acq: 17 Mar 2015 17:50

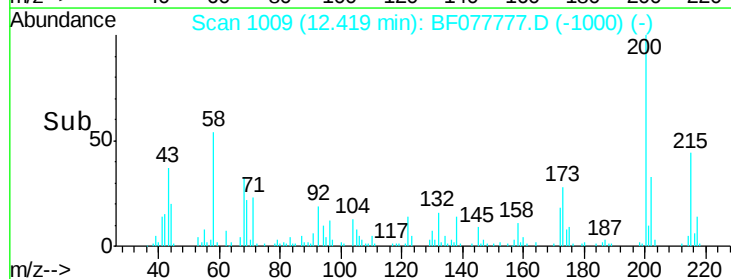
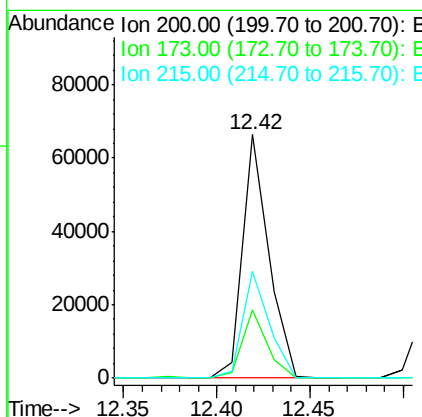
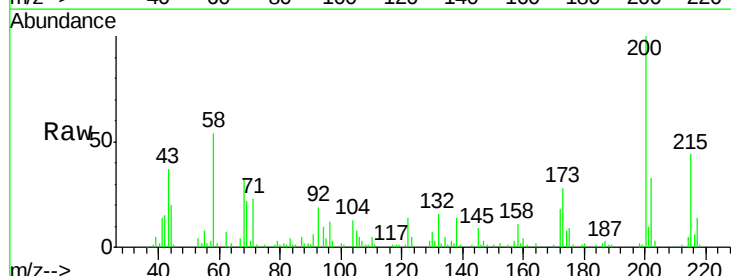
Instrument :
BNA_F
ClientSampleId :
PB82148BS

Tgt Ion:284 Resp: 74832
Ion Ratio Lower Upper
284 100
142 36.3 20.4 30.6#
249 33.3 23.8 35.6



#68
Atrazine
Concen: 46.06 ng
RT: 12.42 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF077777.D
Acq: 17 Mar 2015 17:50

Tgt Ion:200 Resp: 64954
Ion Ratio Lower Upper
200 100
173 27.9 4.8 44.8
215 43.9 26.9 66.9

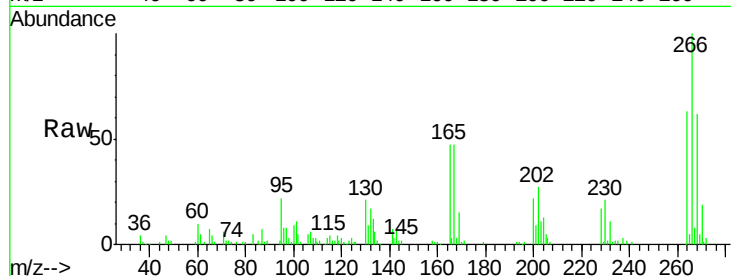




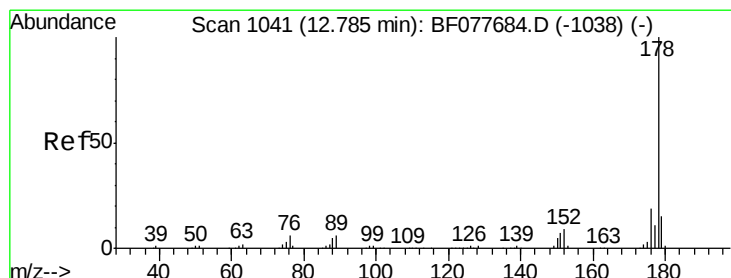
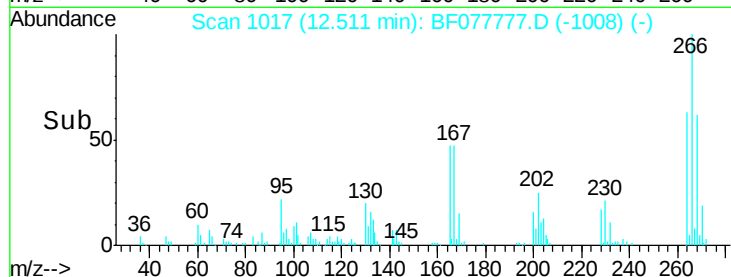
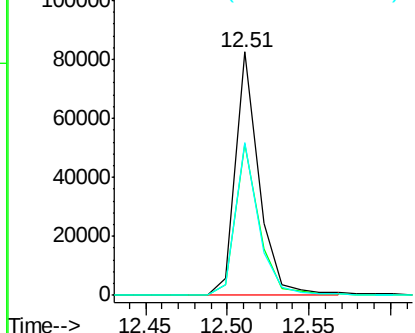
#69
 Pentachlorophenol
 Concen: 88.53 ng
 RT: 12.51 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BF077777.D
 Acq: 17 Mar 2015 17:50

Instrument :
 BNA_F
 ClientSampleId :
 PB82148BS

Tgt Ion: 266 Resp: 82483
 Ion Ratio Lower Upper
 266 100
 268 62.1 52.0 78.0
 264 62.7 49.0 73.4

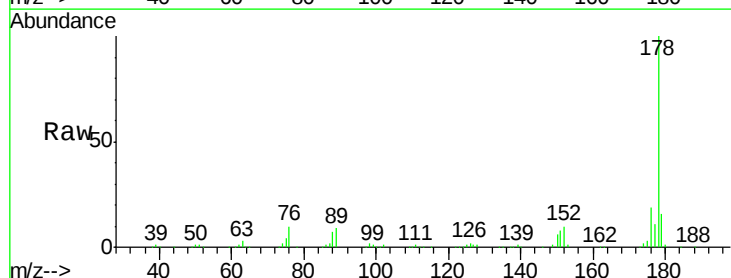


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

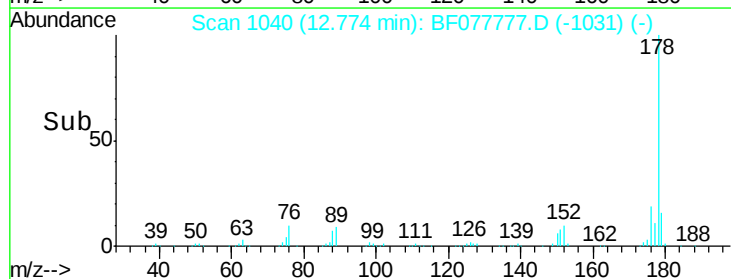
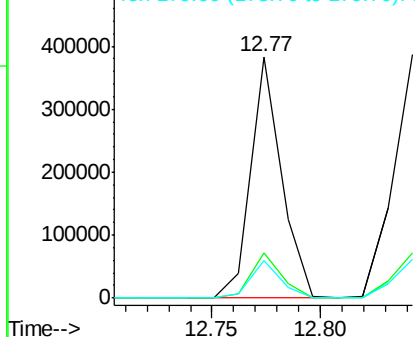


#70
 Phenanthrene
 Concen: 43.43 ng
 RT: 12.77 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BF077777.D
 Acq: 17 Mar 2015 17:50

Tgt Ion: 178 Resp: 376783
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.2 22.8
 179 15.7 12.1 18.1



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

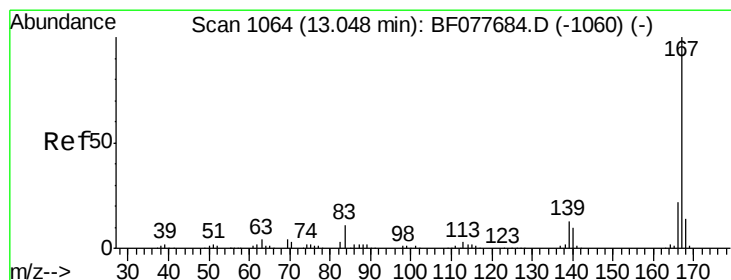
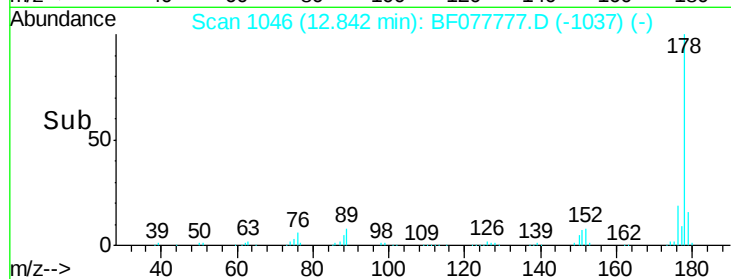
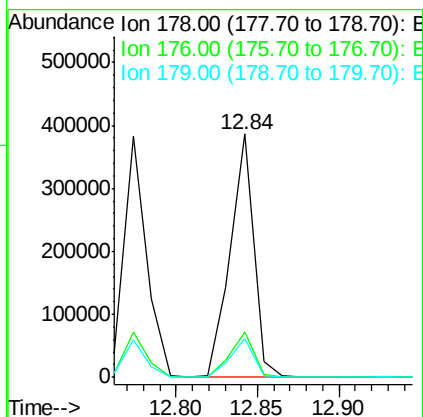
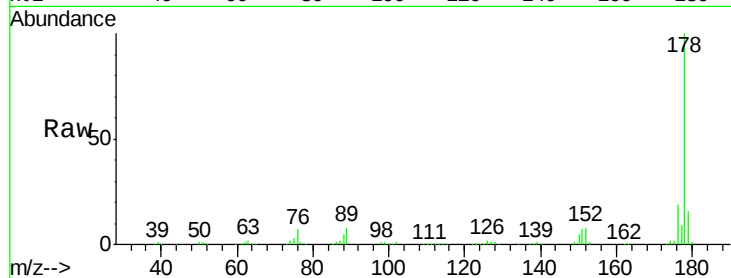




#71
 Anthracene
 Concen: 44.58 ng
 RT: 12.84 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BF077777.D
 Acq: 17 Mar 2015 17:50

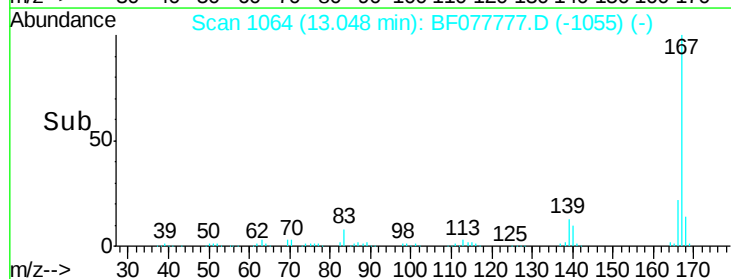
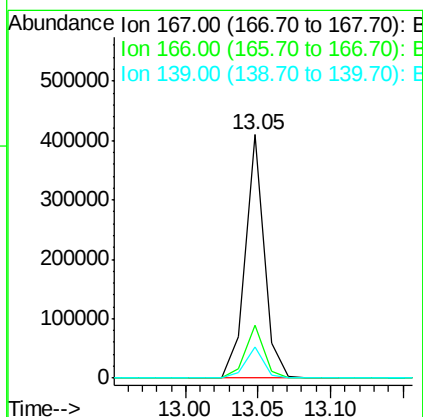
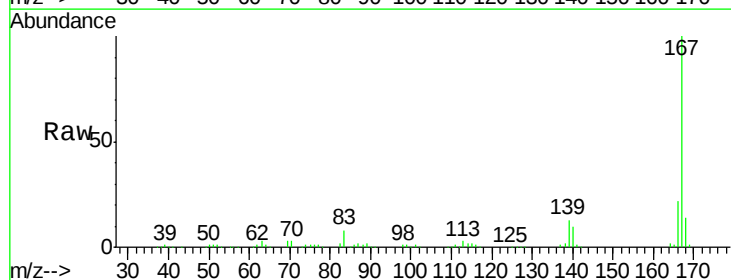
Instrument :
 BNA_F
 ClientSampleId :
 PB82148BS

Tgt Ion:178 Resp: 382100
 Ion Ratio Lower Upper
 178 100
 176 18.7 14.6 22.0
 179 15.9 12.6 19.0



#72
 Carbazole
 Concen: 45.79 ng
 RT: 13.05 min Scan# 1064
 Delta R.T. -0.00 min
 Lab File: BF077777.D
 Acq: 17 Mar 2015 17:50

Tgt Ion:167 Resp: 373387
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.2 25.8
 139 12.9 10.8 16.2





#73

Di-n-butylphthalate

Concen: 43.63 ng

RT: 13.51 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BF077777.D

Acq: 17 Mar 2015 17:50

Instrument :

BNA_F

ClientSampleId :

PB82148BS

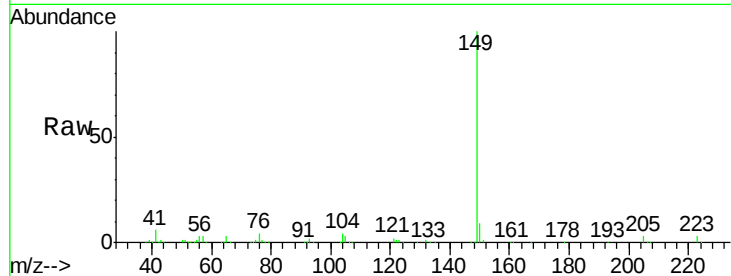
Tgt Ion:149 Resp: 398869

Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

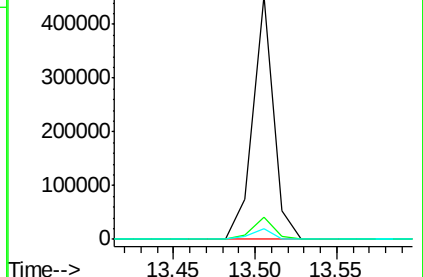
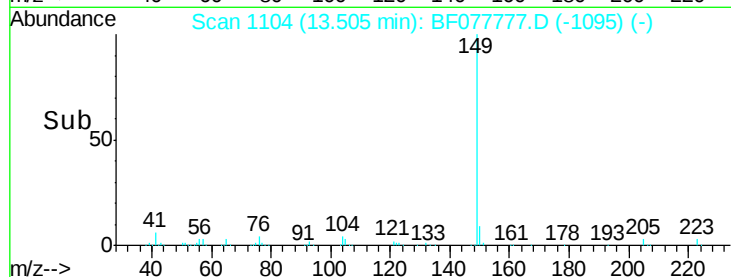
104 4.3 3.7 5.5



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: 42.85 ng

RT: 14.25 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BF077777.D

Acq: 17 Mar 2015 17:50

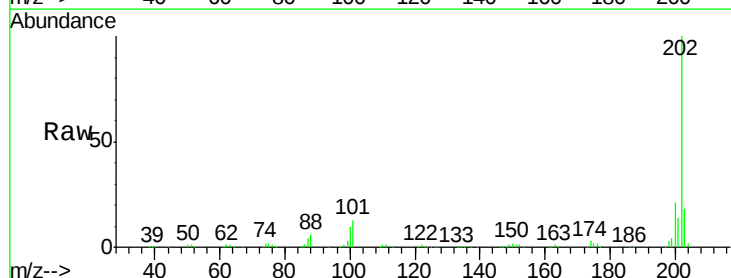
Tgt Ion:202 Resp: 410047

Ion Ratio Lower Upper

202 100

101 13.2 0.0 28.7

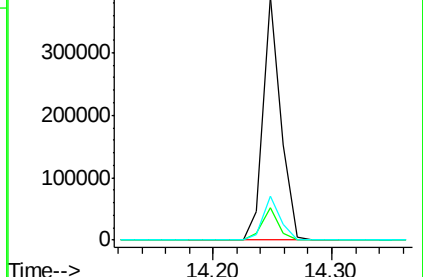
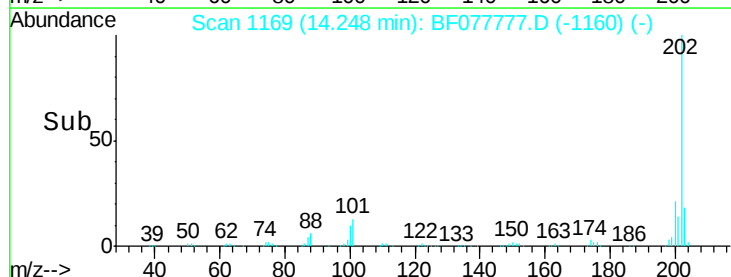
203 18.2 0.0 37.2

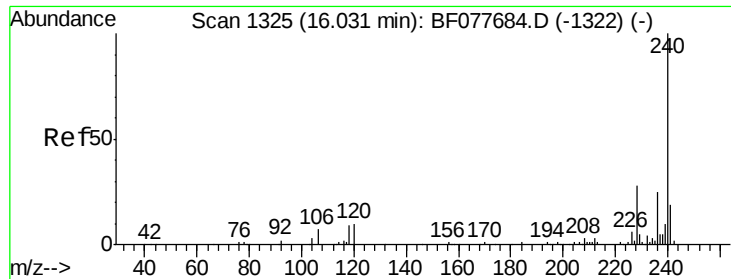


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

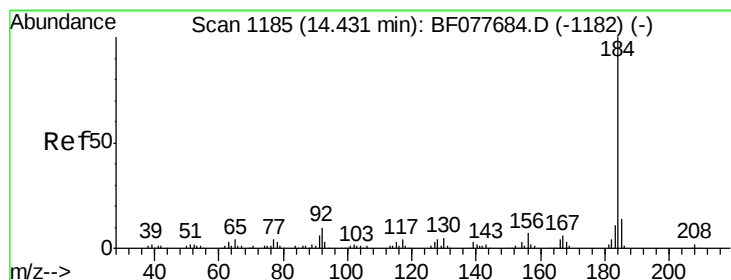
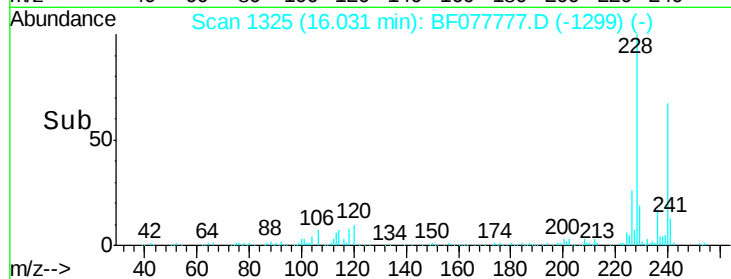
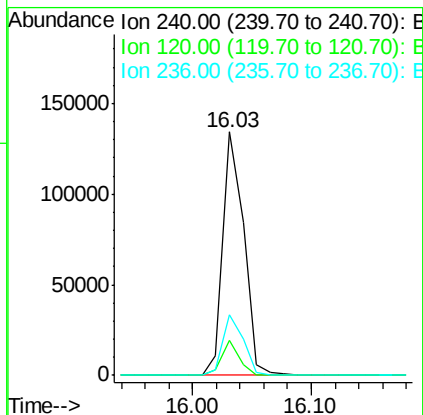
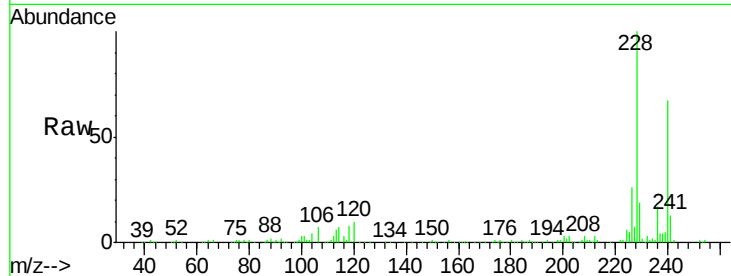




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.03 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF077777.D
Acq: 17 Mar 2015 17:50

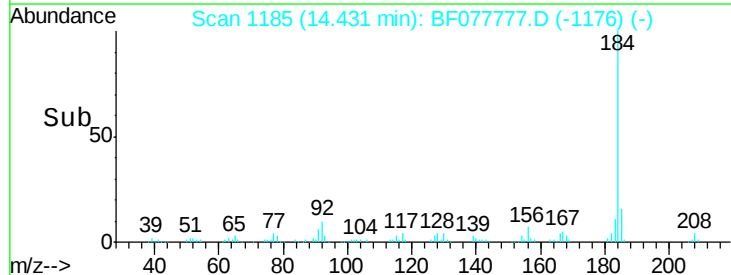
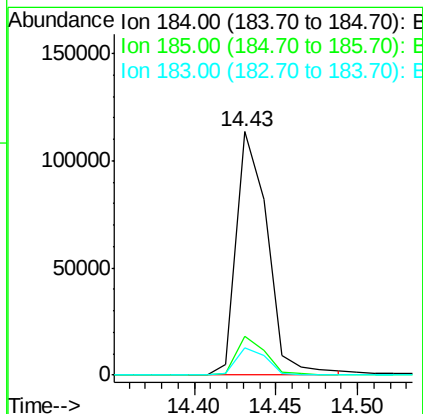
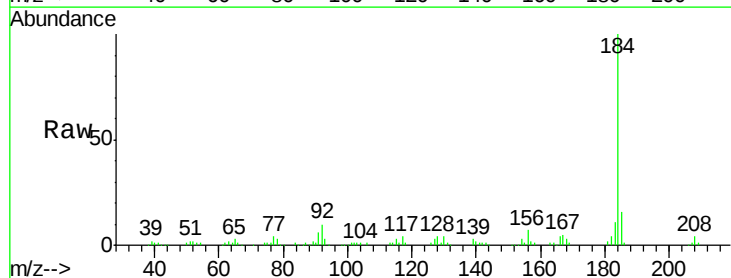
Instrument :
BNA_F
ClientSampleId :
PB82148BS

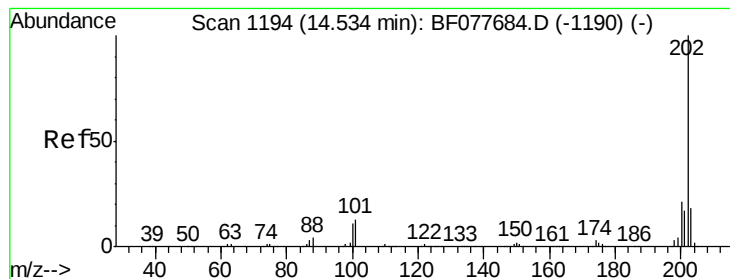
Tgt Ion:240 Resp: 163224
Ion Ratio Lower Upper
240 100
120 14.2 8.2 12.2#
236 24.7 20.0 30.0



#76
Benzidine
Concen: 36.78 ng
RT: 14.43 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF077777.D
Acq: 17 Mar 2015 17:50

Tgt Ion:184 Resp: 148639
Ion Ratio Lower Upper
184 100
185 16.0 11.3 16.9
183 11.3 8.9 13.3





#77

Pyrene

Concen: 43.37 ng

RT: 14.53 min Scan# 1194

Delta R.T. -0.00 min

Lab File: BF077777.D

Acq: 17 Mar 2015 17:50

Instrument :

BNA_F

ClientSampleId :

PB82148BS

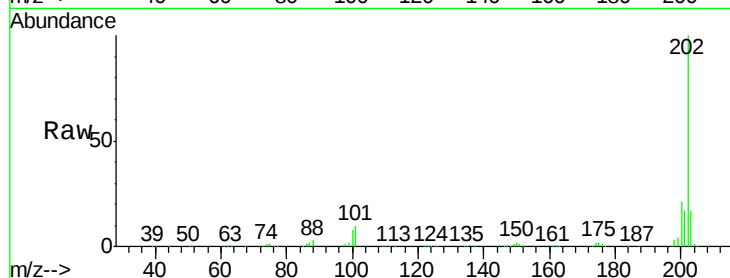
Tgt Ion: 202 Resp: 445160

Ion Ratio Lower Upper

202 100

200 20.9 16.9 25.3

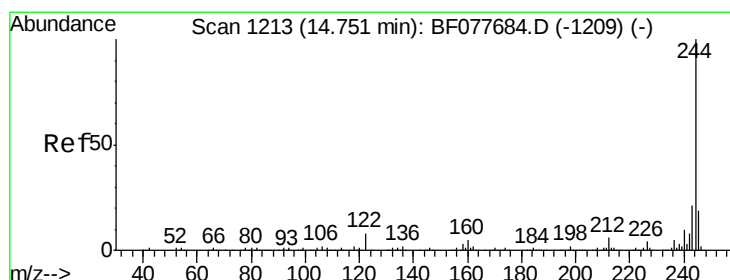
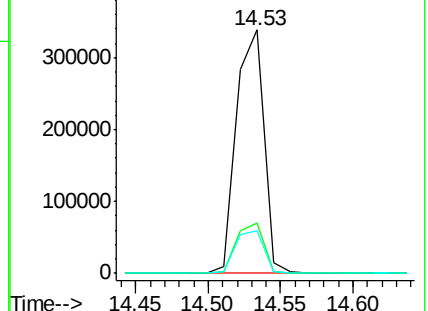
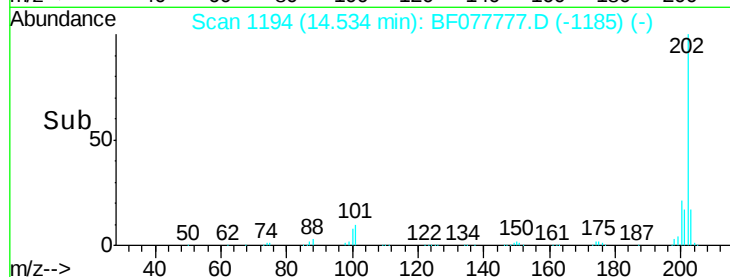
203 17.3 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 70.74 ng

RT: 14.74 min Scan# 1212

Delta R.T. -0.00 min

Lab File: BF077777.D

Acq: 17 Mar 2015 17:50

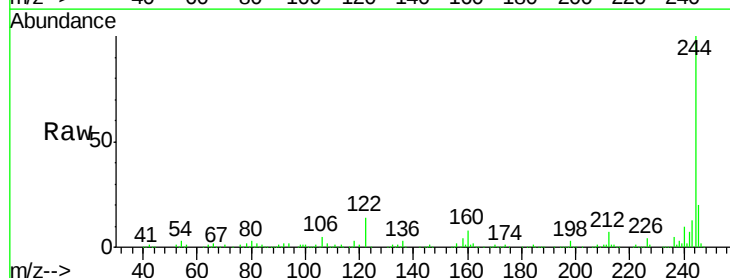
Tgt Ion: 244 Resp: 472684

Ion Ratio Lower Upper

244 100

212 6.9 4.9 7.3

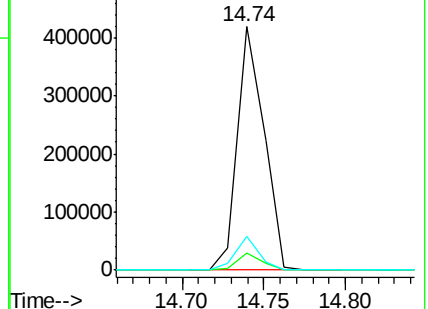
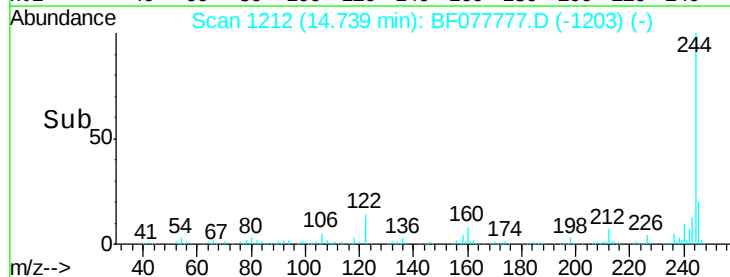
122 13.6 6.2 9.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

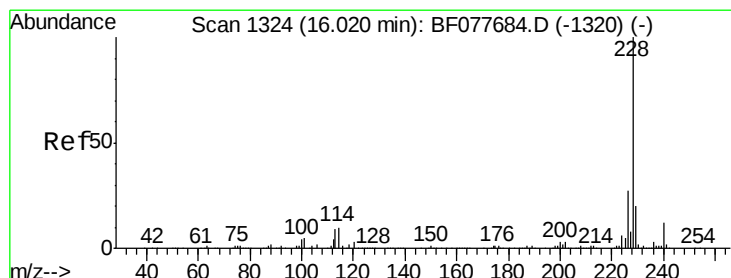
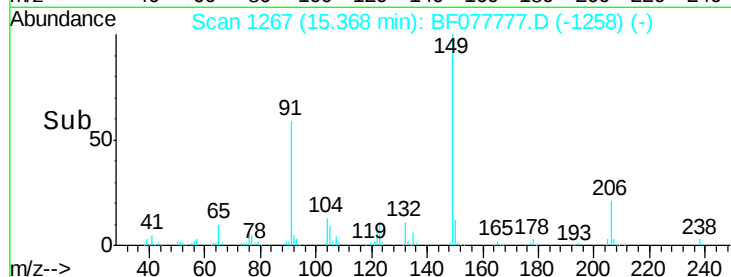
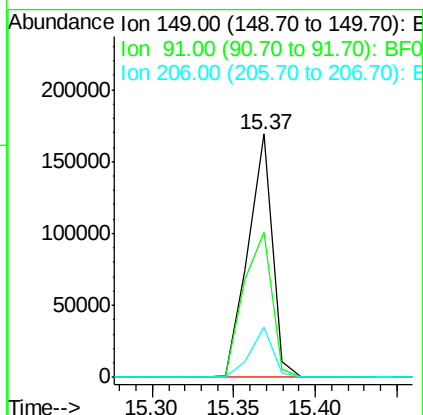
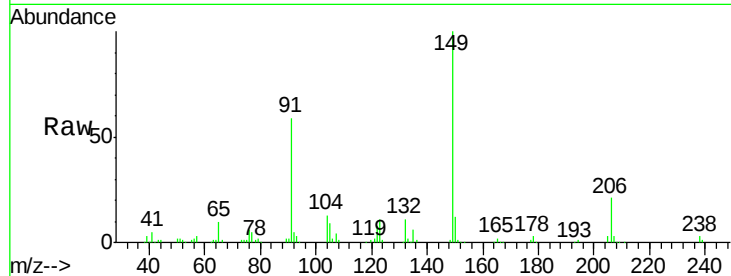




#79
Butylbenzylphthalate
Concen: 43.29 ng
RT: 15.37 min Scan# 1267
Delta R.T. -0.00 min
Lab File: BF077777.D
Acq: 17 Mar 2015 17:50

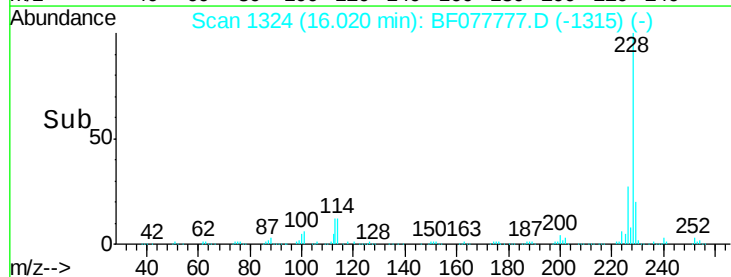
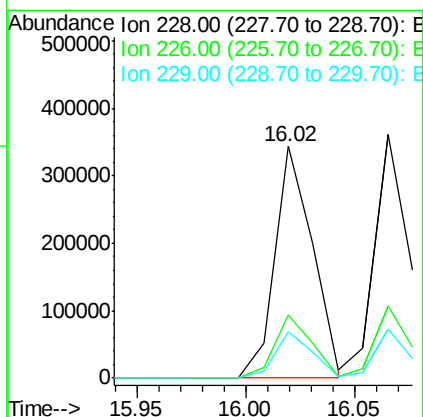
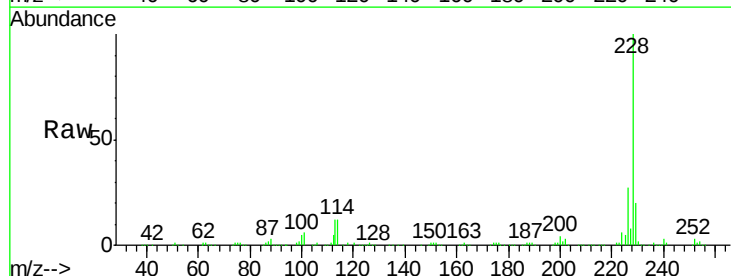
Instrument :
BNA_F
ClientSampleId :
PB82148BS

Tgt Ion:149 Resp: 175186
Ion Ratio Lower Upper
149 100
91 59.5 50.1 75.1
206 20.8 16.2 24.2



#80
Benzo(a)anthracene
Concen: 43.13 ng
RT: 16.02 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF077777.D
Acq: 17 Mar 2015 17:50

Tgt Ion:228 Resp: 417289
Ion Ratio Lower Upper
228 100
226 27.4 21.7 32.5
229 19.8 16.0 24.0

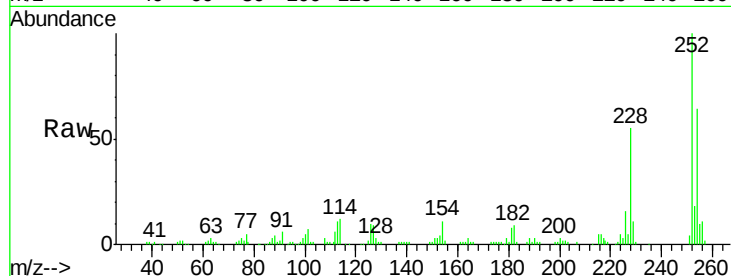




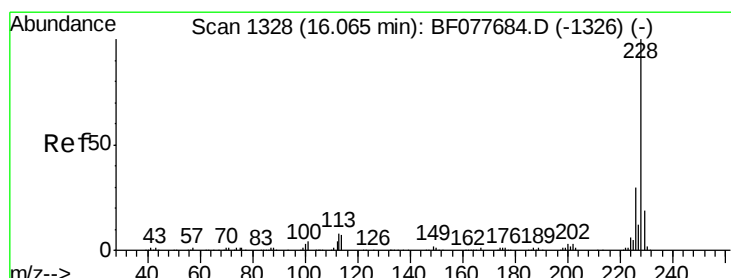
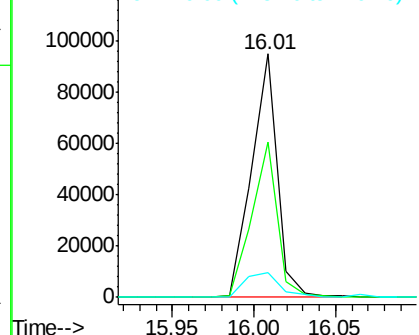
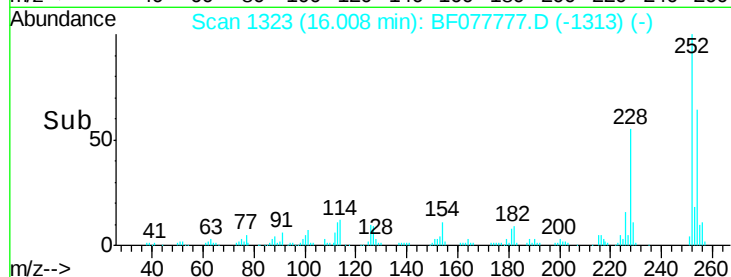
#81
 3,3'-Dichlorobenzidine
 Concen: 32.49 ng
 RT: 16.01 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: BF077777.D
 Acq: 17 Mar 2015 17:50

Instrument :
 BNA_F
 ClientSampleId :
 PB82148BS

Tgt Ion: 252 Resp: 103696
 Ion Ratio Lower Upper
 252 100
 254 63.9 51.9 77.9
 126 10.0 9.8 14.8

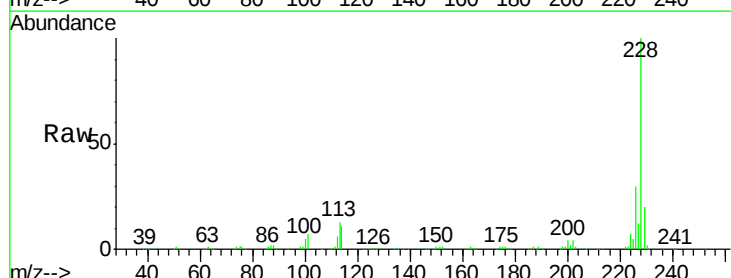


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

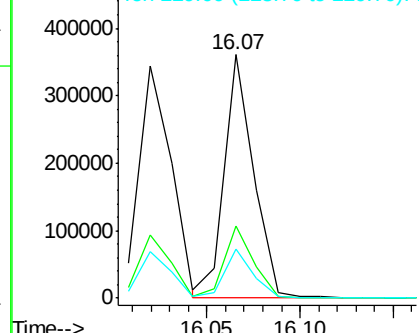
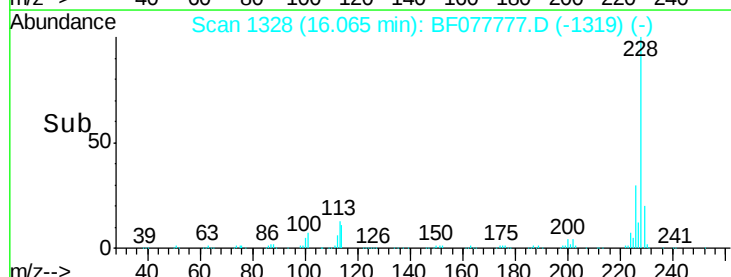


#82
 Chrysene
 Concen: 45.43 ng
 RT: 16.07 min Scan# 1328
 Delta R.T. -0.00 min
 Lab File: BF077777.D
 Acq: 17 Mar 2015 17:50

Tgt Ion: 228 Resp: 395241
 Ion Ratio Lower Upper
 228 100
 226 29.8 24.1 36.1
 229 20.4 15.5 23.3



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

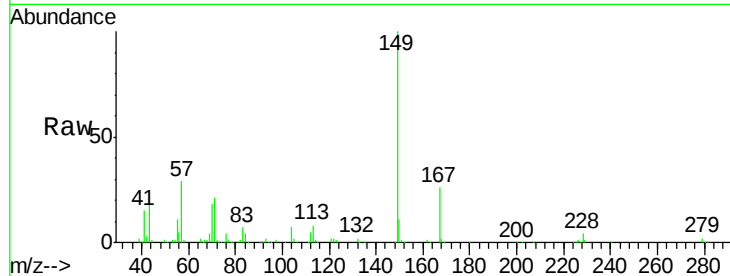




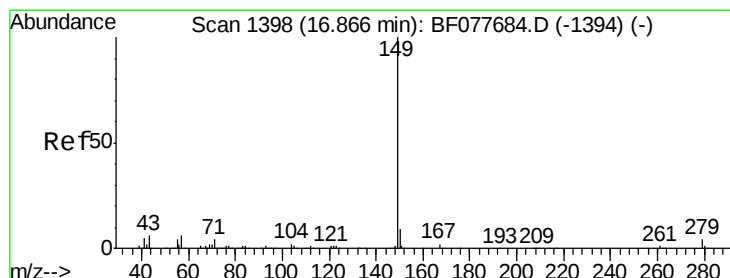
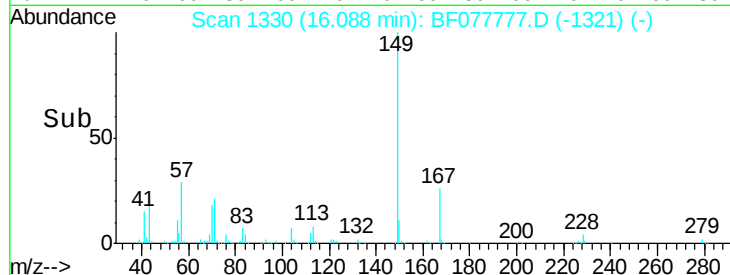
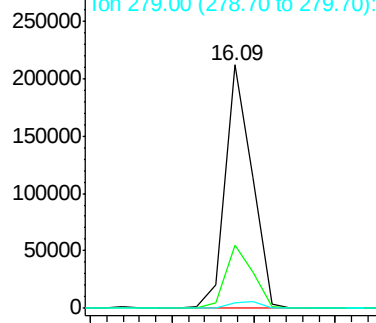
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.35 ng
 RT: 16.09 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: BF077777.D
 Acq: 17 Mar 2015 17:50

Instrument :
 BNA_F
 ClientSampleId :
 PB82148BS

Tgt Ion:149 Resp: 241213
 Ion Ratio Lower Upper
 149 100
 167 25.7 22.4 33.6
 279 2.4 3.4 5.0#

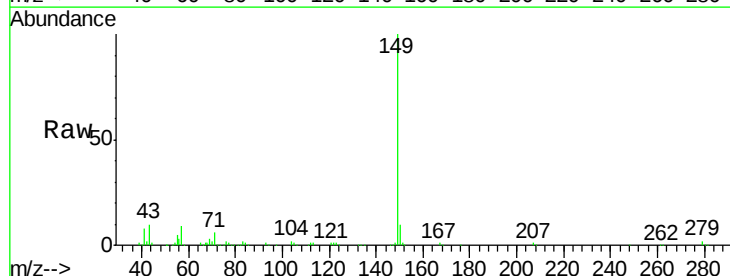


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

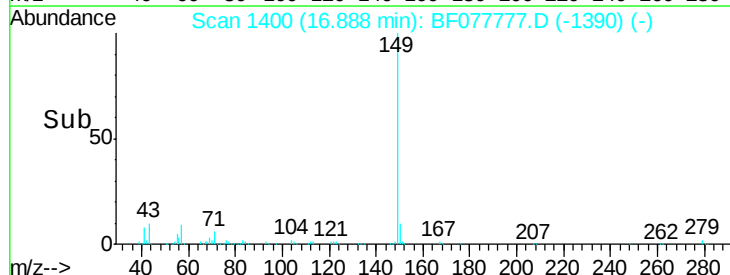
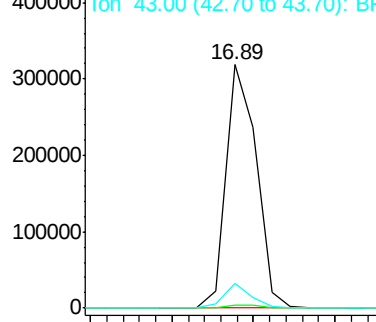


#84
 Di-n-octyl phthalate
 Concen: 39.52 ng
 RT: 16.89 min Scan# 1400
 Delta R.T. 0.01 min
 Lab File: BF077777.D
 Acq: 17 Mar 2015 17:50

Tgt Ion:149 Resp: 414199
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.1 7.3 10.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

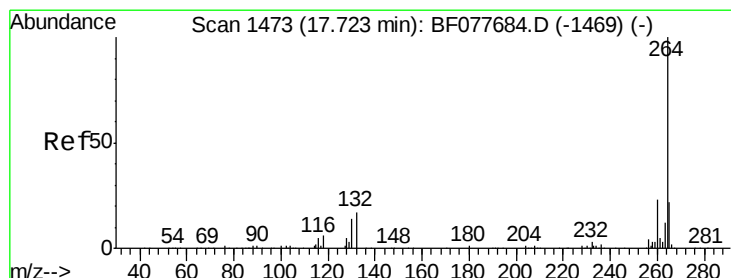
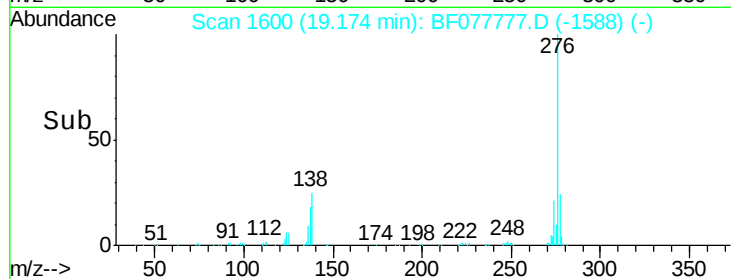
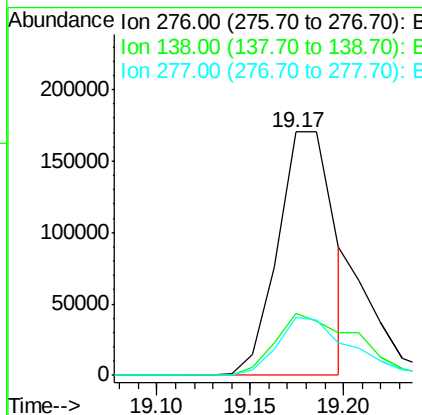
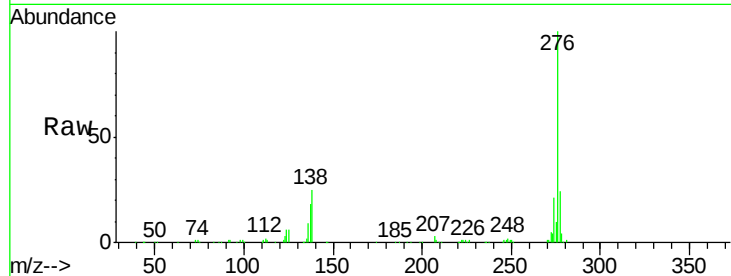




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.97 ng
 RT: 19.17 min Scan# 1600
 Delta R.T. 0.03 min
 Lab File: BF077777.D
 Acq: 17 Mar 2015 17:50

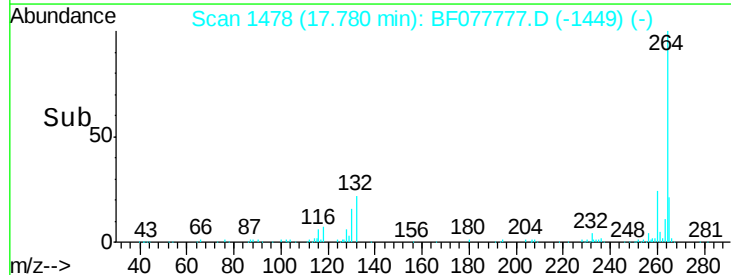
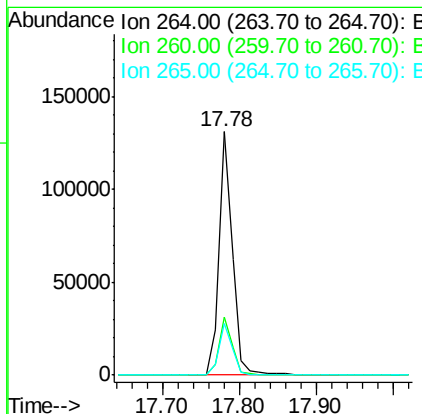
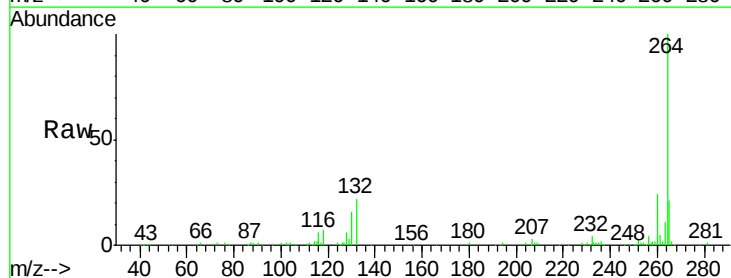
Instrument :
 BNA_F
 ClientSampleId :
 PB82148BS

Tgt Ion: 276 Resp: 358014
 Ion Ratio Lower Upper
 276 100
 138 26.7 0.0 0.0#
 277 23.7 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.78 min Scan# 1478
 Delta R.T. 0.03 min
 Lab File: BF077777.D
 Acq: 17 Mar 2015 17:50

Tgt Ion: 264 Resp: 160120
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 27.8
 265 21.3 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 37.86 ng

RT: 17.33 min Scan# 1439

Delta R.T. 0.03 min

Lab File: BF077777.D

Acq: 17 Mar 2015 17:50

Instrument :

BNA_F

ClientSampleId :

PB82148BS

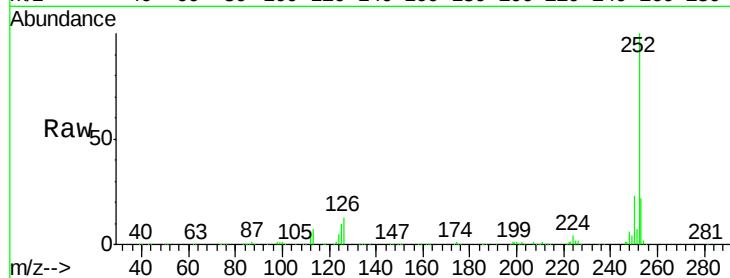
Tgt Ion:252 Resp: 395775

Ion Ratio Lower Upper

252 100

253 21.6 18.0 27.0

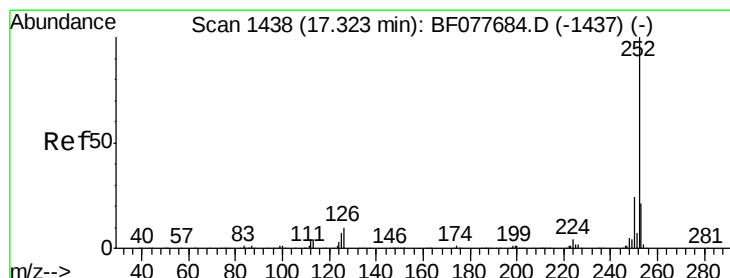
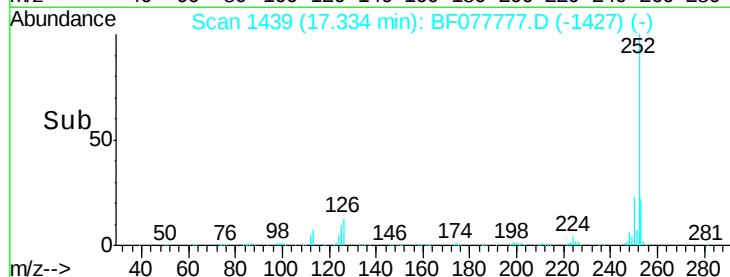
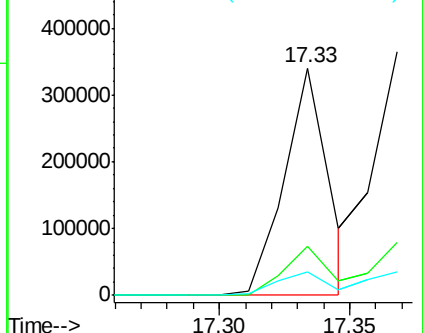
125 10.3 9.9 14.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 48.47 ng

RT: 17.33 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BF077777.D

Acq: 17 Mar 2015 17:50

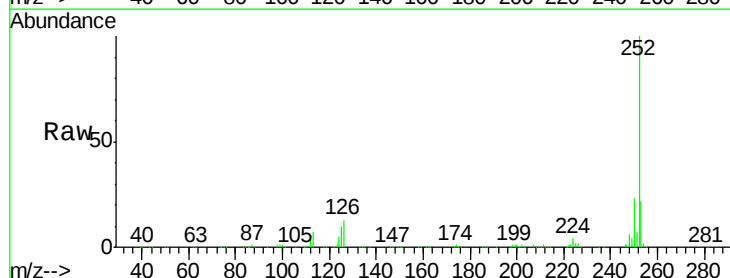
Tgt Ion:252 Resp: 395746

Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

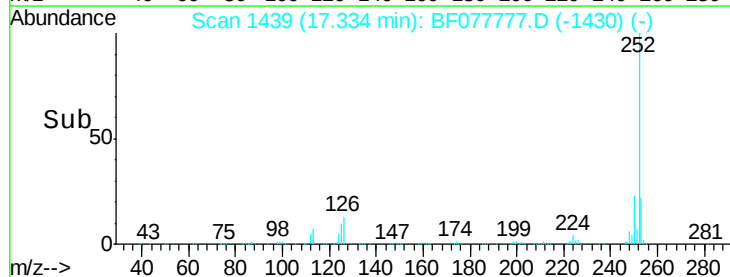
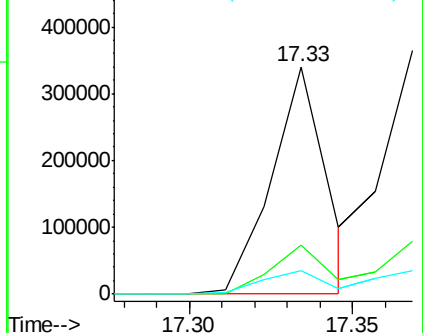
125 10.3 8.1 12.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 44.77 ng

RT: 17.72 min Scan# 1473

Delta R.T. 0.05 min

Lab File: BF077777.D

Acq: 17 Mar 2015 17:50

Instrument :

BNA_F

ClientSampleId :

PB82148BS

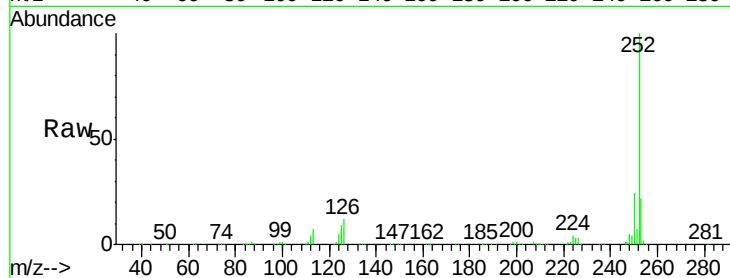
Tgt Ion:252 Resp: 390498

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

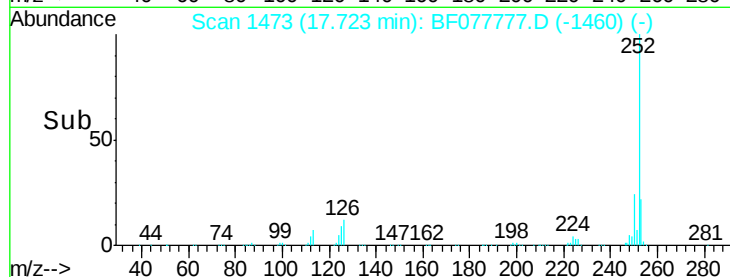
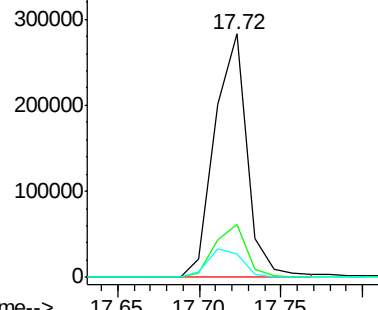
125 9.4 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.12 ng

RT: 19.21 min Scan# 1603

Delta R.T. 0.05 min

Lab File: BF077777.D

Acq: 17 Mar 2015 17:50

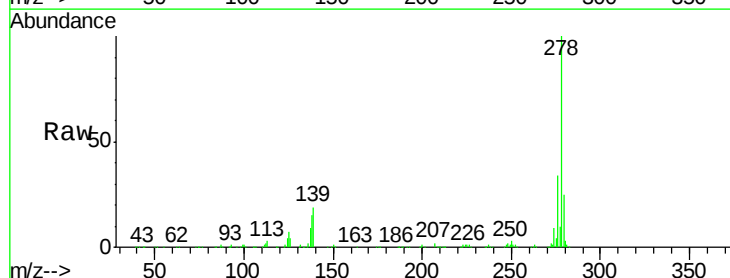
Tgt Ion:278 Resp: 355704

Ion Ratio Lower Upper

278 100

139 19.0 13.4 20.0

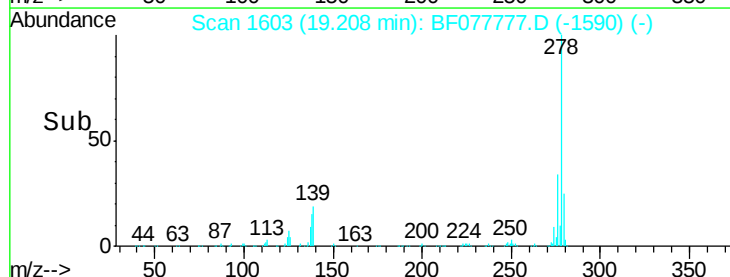
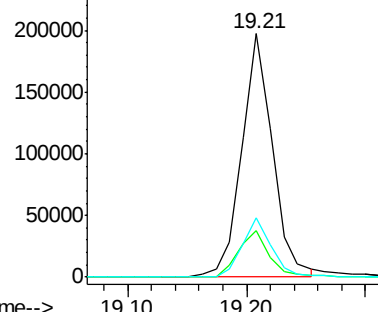
279 24.6 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 42.07 ng

RT: 19.59 min Scan# 1636

Delta R.T. 0.03 min

Lab File: BF077777.D

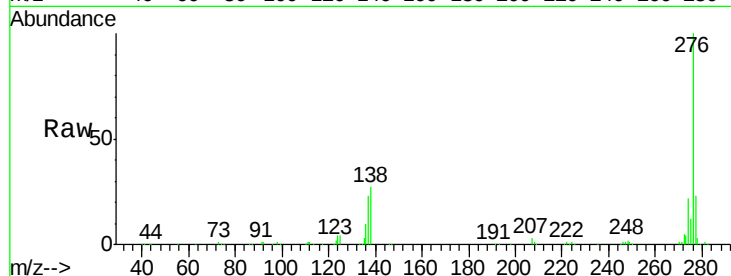
Acq: 17 Mar 2015 17:50

Instrument :

BNA_F

ClientSampleId :

PB82148BS



Tgt Ion:	276	Resp:	370512
Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.5	27.7
138	27.0	19.0	28.6

