

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031615\
 Data File : BF077755.D
 Acq On : 16 Mar 2015 16:20
 Operator : TP/IZ
 Sample : PB82120BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82120BSD

Quant Time: Mar 17 01:04:36 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 17 00:51:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.17	152	57822	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	243286	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	125749	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	240889	20.00	ng	0.00
75) Chrysene-d12	16.03	240	244874	20.00	ng	0.00
86) Perylene-d12	17.76	264	233013	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	337388	101.85	ng	0.00
7) Phenol-d6	6.74	99	412042	100.68	ng	0.00
23) Nitrobenzene-d5	7.87	82	251737	67.83	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	115613	96.09	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	555155	64.88	ng	0.00
78) Terphenyl-d14	14.74	244	661590	66.00	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.09	88	34908	23.21	ng	# 100
3) Pyridine	2.77	79	115748	28.64	ng	93
4) n-Nitrosodimethylamine	2.70	42	47430	26.96	ng	93
6) Aniline	6.76	93	104983	17.93	ng	# 35
8) 2-Chlorophenol	6.90	128	132373	33.57	ng	95
9) Benzaldehyde	6.62	77	9248	5.52	ng	88
10) Phenol	6.76	94	159616	32.99	ng	90
11) bis(2-Chloroethyl)ether	6.86	93	122953	33.93	ng	95
12) 1,3-Dichlorobenzene	7.09	146	137601	31.38	ng	98
13) 1,4-Dichlorobenzene	7.20	146	138820	30.46	ng	98
14) 1,2-Dichlorobenzene	7.38	146	130349	31.20	ng	99
15) Benzyl Alcohol	7.36	79	105242	32.94	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.54	45	161207	33.01	ng	98
17) 2-Methylphenol	7.50	107	105845	32.97	ng	98
18) Hexachloroethane	7.79	117	46277	30.96	ng	92
19) n-Nitroso-di-n-propylamine	7.69	70	88396	31.22	ng	97
20) 3+4-Methylphenols	7.70	107	138839	32.96	ng	96
22) Acetophenone	7.69	105	181147	33.63	ng	# 92
24) Nitrobenzene	7.89	77	129780	32.46	ng	# 82
25) Isophorone	8.19	82	247775	33.06	ng	97
26) 2-Nitrophenol	8.28	139	63776	32.58	ng	91
27) 2,4-Dimethylphenol	8.35	122	122358	34.31	ng	95
28) bis(2-Chloroethoxy)methane	8.48	93	151963	33.40	ng	97
29) 2,4-Dichlorophenol	8.58	162	113901	33.51	ng	98
30) 1,2,4-Trichlorobenzene	8.68	180	116553	30.64	ng	99
31) Naphthalene	8.77	128	376425	30.13	ng	100
32) Benzoic acid	8.46	122	46988	25.19	ng	97
33) 4-Chloroaniline	8.85	127	99323	19.59	ng	97
34) Hexachlorobutadiene	8.93	225	67450	31.29	ng	98
35) Caprolactam	9.28	113	33317	33.54	ng	98
36) 4-Chloro-3-methylphenol	9.46	107	120760	35.31	ng	89
37) 2-Methylnaphthalene	9.63	142	276685	32.96	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.84	216	118483	31.59	ng	# 100
40) Hexachlorocyclopentadiene	9.82	237	118295	63.68	ng	98

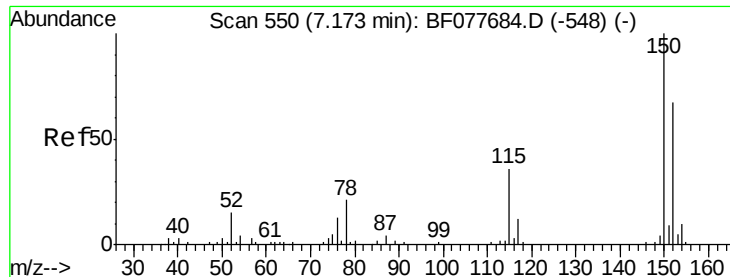
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031615\
 Data File : BF077755.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.98	196	82150	31.62	ng	98
43) 2,4,5-Trichlorophenol	10.03	196	88848	31.65	ng	# 92
45) 1,1'-Biphenyl	10.21	154	332912	33.12	ng	98
46) 2-Chloronaphthalene	10.24	162	251197	30.75	ng	99
47) 2-Nitroaniline	10.36	65	69407	34.21	ng	94
48) Acenaphthylene	10.74	152	412684	30.38	ng	100
49) Dimethylphthalate	10.60	163	310078	33.25	ng	100
50) 2,6-Dinitrotoluene	10.67	165	65496	33.88	ng	100
51) Acenaphthene	10.96	154	243778	31.30	ng	99
52) 3-Nitroaniline	10.88	138	55174	24.57	ng	97
53) 2,4-Dinitrophenol	11.01	184	40779	59.69	ng	# 65
54) Dibenzofuran	11.17	168	378203	32.74	ng	100
55) 4-Nitrophenol	11.09	139	106445	64.00	ng	82
56) 2,4-Dinitrotoluene	11.16	165	91042	36.11	ng	97
57) Fluorene	11.60	166	306331	31.94	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.32	232	71179	32.93	ng	# 100
59) Diethylphthalate	11.48	149	306396	33.72	ng	99
60) 4-Chlorophenyl-phenylether	11.61	204	140719	32.15	ng	96
61) 4-Nitroaniline	11.63	138	72788	32.53	ng	92
62) Azobenzene	11.80	77	292884	33.72	ng	97
64) 4,6-Dinitro-2-methylphenol	11.67	198	33190	30.87	ng	97
65) n-Nitrosodiphenylamine	11.76	169	264369	32.96	ng	99
66) 4-Bromophenyl-phenylether	12.21	248	85934	33.43	ng	95
67) Hexachlorobenzene	12.27	284	88271	31.25	ng	# 94
68) Atrazine	12.43	200	86442	38.46	ng	99
69) Pentachlorophenol	12.52	266	90035	61.59	ng	98
70) Phenanthrene	12.79	178	454243	32.85	ng	99
71) Anthracene	12.84	178	441798	32.34	ng	100
72) Carbazole	13.05	167	412297	31.72	ng	100
73) Di-n-butylphthalate	13.51	149	499137	34.25	ng	100
74) Fluoranthene	14.25	202	480658	31.51	ng	93
76) Benzidine	14.43	184	224825	37.08	ng	99
77) Pyrene	14.53	202	520138	33.78	ng	100
79) Butylbenzylphthalate	15.37	149	212265	34.96	ng	97
80) Benzo(a)anthracene	16.02	228	468244	32.26	ng	99
81) 3,3'-Dichlorobenzidine	16.00	252	97793	20.42	ng	# 97
82) Chrysene	16.07	228	442370	33.89	ng	99
83) Bis(2-ethylhexyl)phthalate	16.09	149	327962	35.66	ng	98
84) Di-n-octyl phthalate	16.88	149	549128	34.92	ng	100
85) Indeno(1,2,3-cd)pyrene	19.15	276	477609	29.32	ng	# 100
87) Benzo(b)fluoranthene	17.31	252	469197	30.84	ng	99
88) Benzo(k)fluoranthene	17.35	252	421880	35.51	ng	# 97
89) Benzo(a)pyrene	17.70	252	431847	34.02	ng	98
90) Dibenzo(a,h)anthracene	19.19	278	401420	31.89	ng	99
91) Benzo(g,h,i)perylene	19.56	276	400582	31.26	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.17 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF077755.D

Acq: 16 Mar 2015 16:20

Instrument :

BNA_F

ClientSampleId :

PB82120BSD

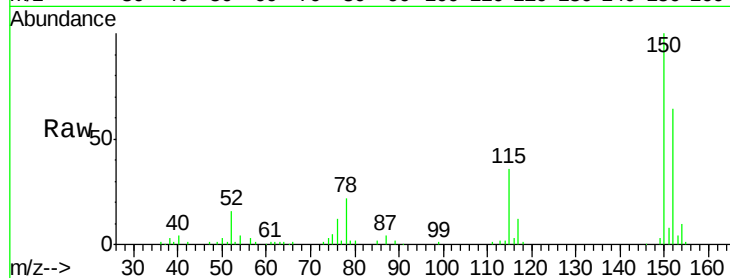
Tgt Ion:152 Resp: 57822

Ion Ratio Lower Upper

152 100

150 155.5 119.5 179.3

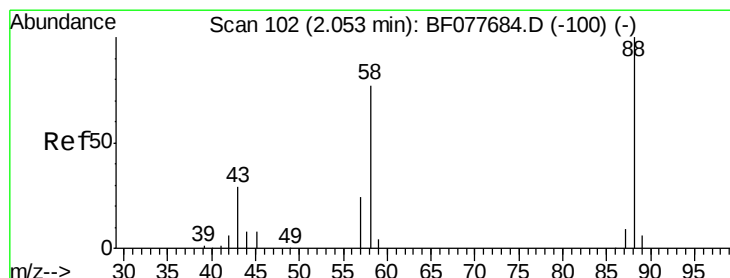
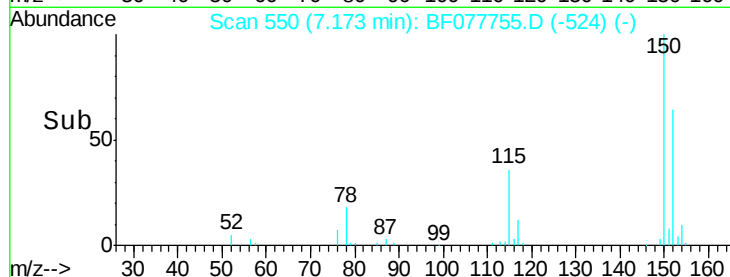
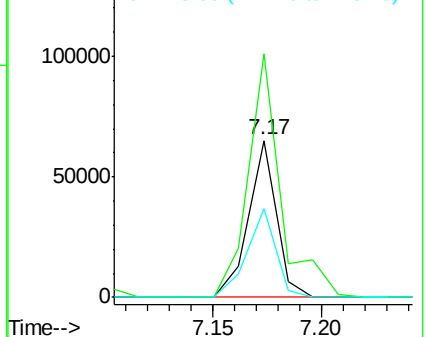
115 56.4 43.0 64.4



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: 23.21 ng

RT: 2.09 min Scan# 105

Delta R.T. 0.02 min

Lab File: BF077755.D

Acq: 16 Mar 2015 16:20

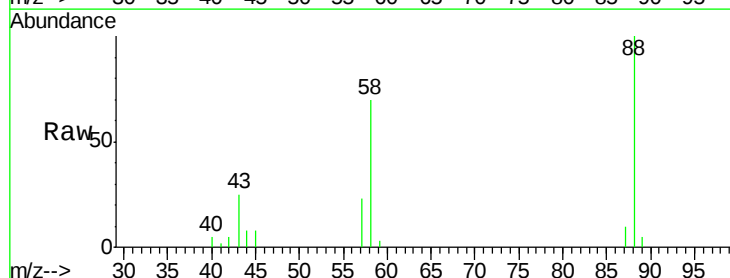
Tgt Ion: 88 Resp: 34908

Ion Ratio Lower Upper

88 100

58 73.6 0.0 0.0#

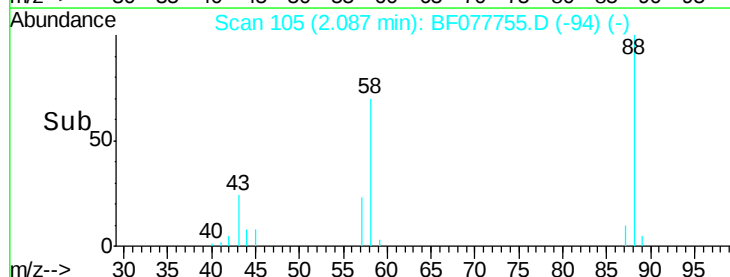
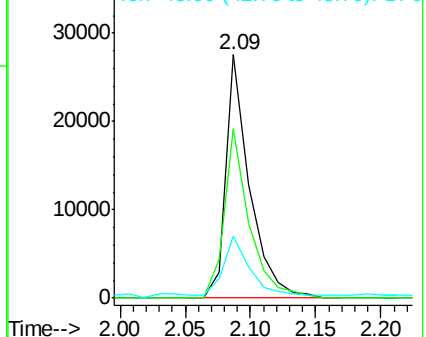
43 35.9 0.0 0.0#

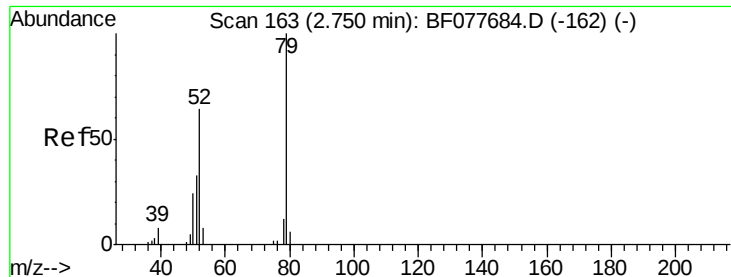


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 28.64 ng

RT: 2.77 min Scan# 165

Delta R.T. 0.02 min

Lab File: BF077755.D

Acq: 16 Mar 2015 16:20

Instrument :

BNA_F

ClientSampleId :

PB82120BSD

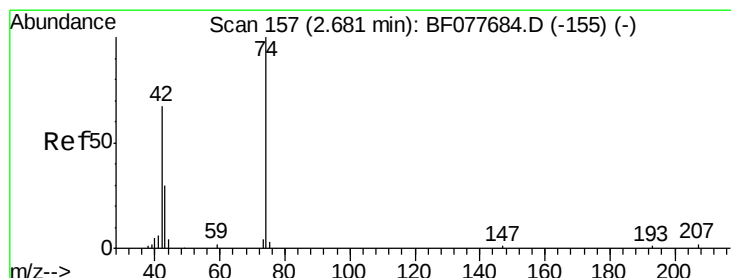
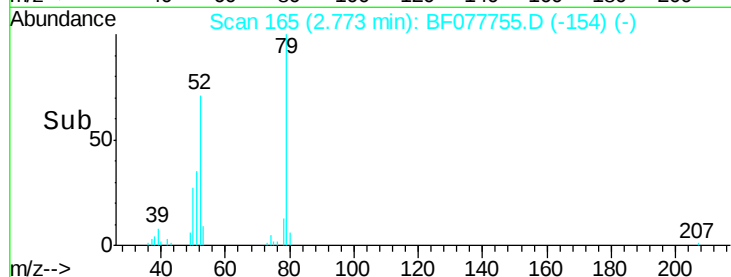
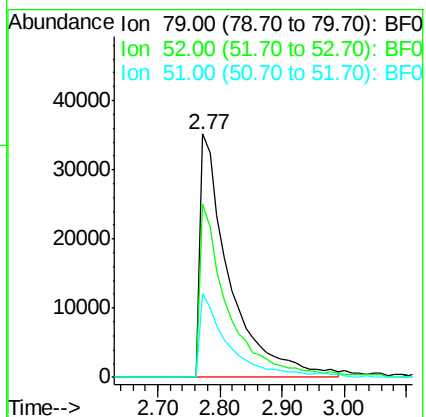
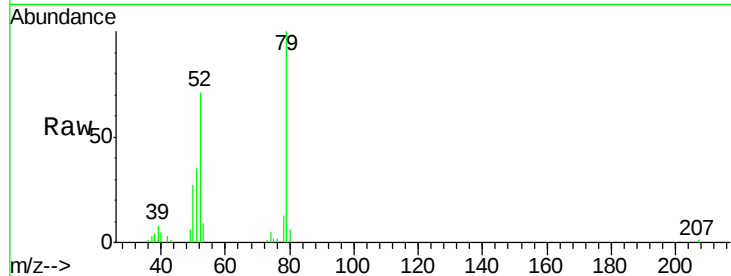
Tgt Ion: 79 Resp: 115748

Ion Ratio Lower Upper

79 100

52 71.2 51.1 76.7

51 34.5 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 26.96 ng

RT: 2.70 min Scan# 159

Delta R.T. 0.02 min

Lab File: BF077755.D

Acq: 16 Mar 2015 16:20

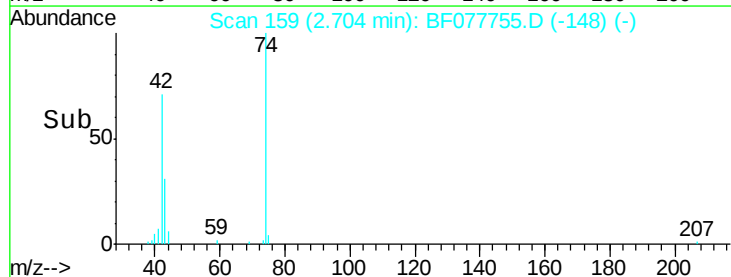
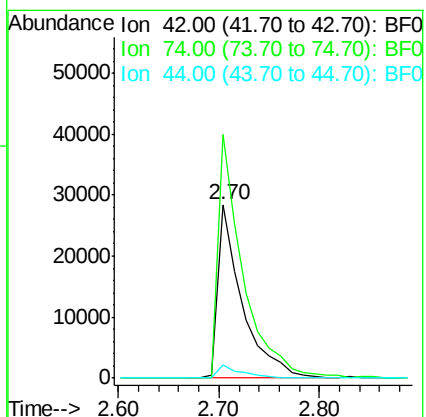
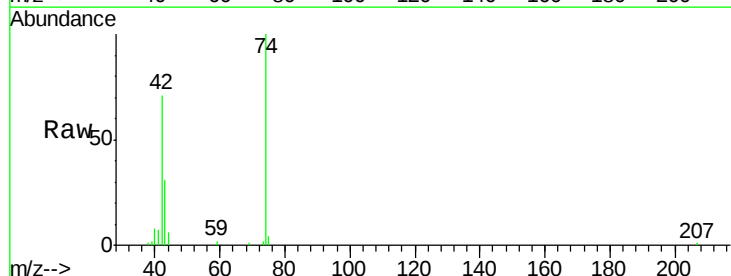
Tgt Ion: 42 Resp: 47430

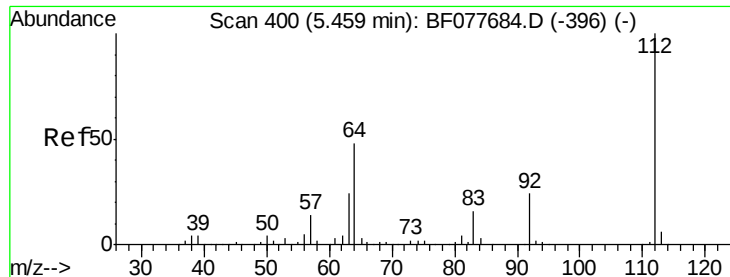
Ion Ratio Lower Upper

42 100

74 140.4 119.3 178.9

44 7.9 5.4 8.2





#5

2-Fluorophenol

Concen: 101.85 ng

RT: 5.46 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF077755.D

Acq: 16 Mar 2015 16:20

Instrument :

BNA_F

ClientSampleId :

PB82120BSD

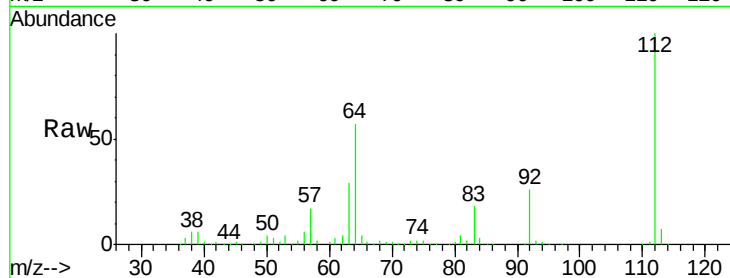
Tgt Ion: 112 Resp: 337388

Ion Ratio Lower Upper

112 100

64 56.7 38.6 57.8

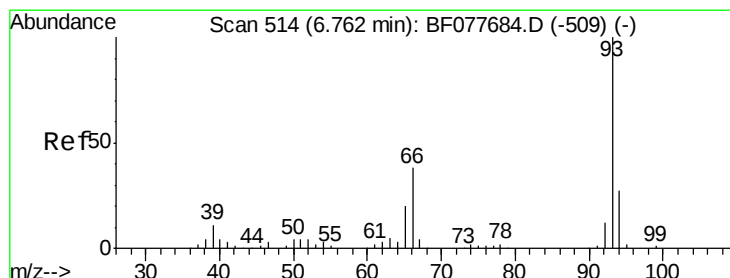
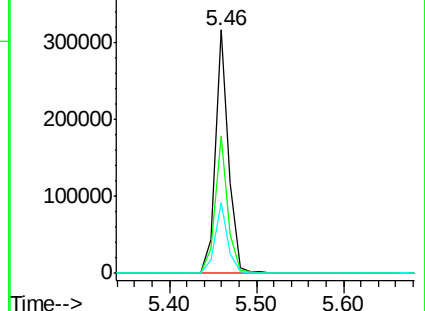
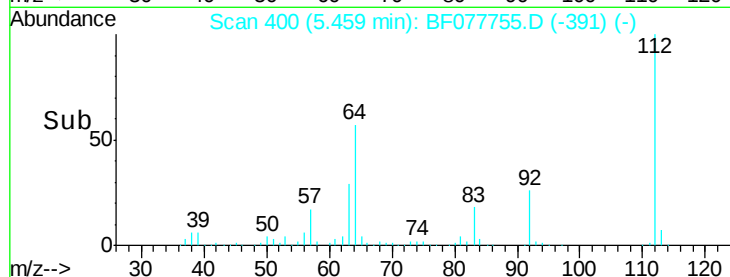
63 29.1 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 17.93 ng

RT: 6.76 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF077755.D

Acq: 16 Mar 2015 16:20

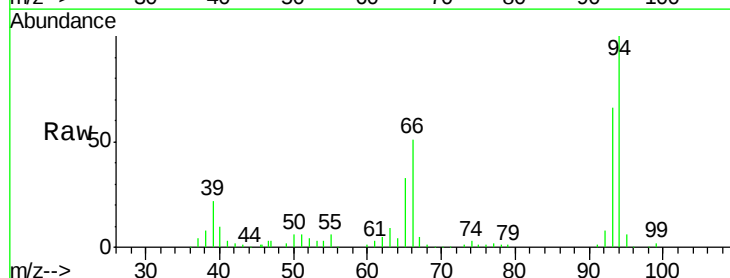
Tgt Ion: 93 Resp: 104983

Ion Ratio Lower Upper

93 100

66 77.2 30.8 46.2#

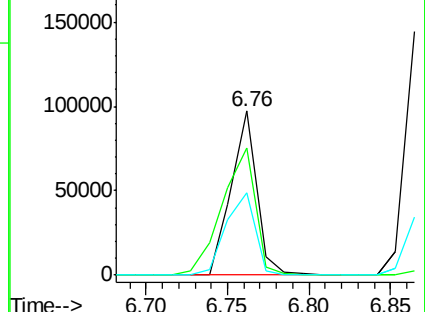
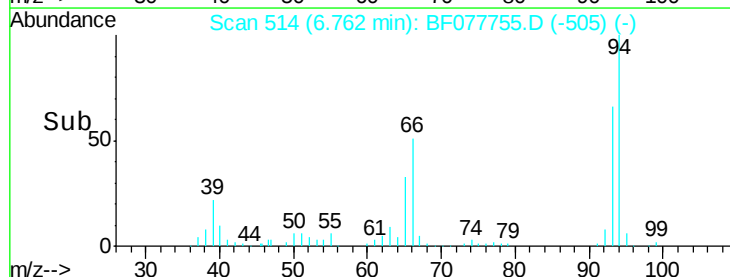
65 50.3 16.0 24.0#

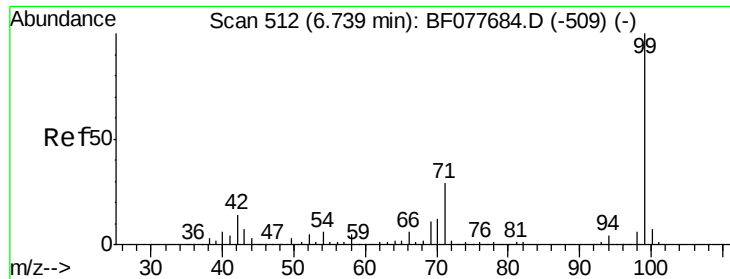


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 100.68 ng

RT: 6.74 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF077755.D

Acq: 16 Mar 2015 16:20

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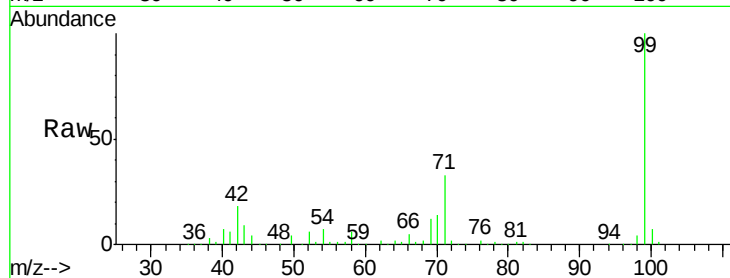
Tgt Ion: 99 Resp: 412042

Ion Ratio Lower Upper

99 100

42 18.0 11.0 16.4#

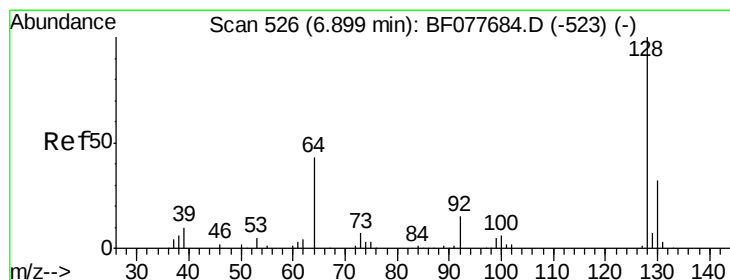
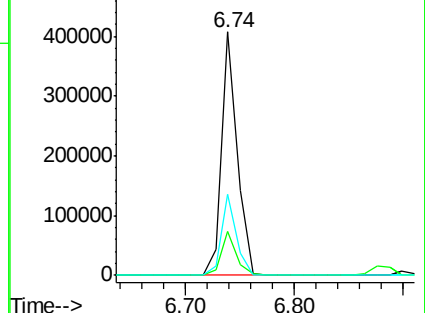
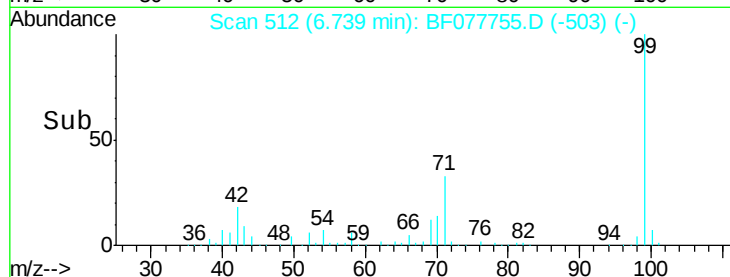
71 33.4 23.4 35.2



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: 33.57 ng

RT: 6.90 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF077755.D

Acq: 16 Mar 2015 16:20

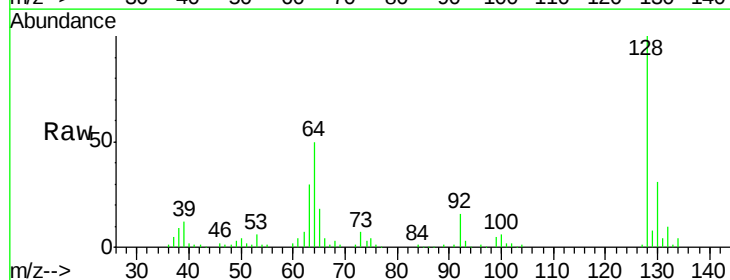
Tgt Ion: 128 Resp: 132373

Ion Ratio Lower Upper

128 100

130 30.9 12.0 52.0

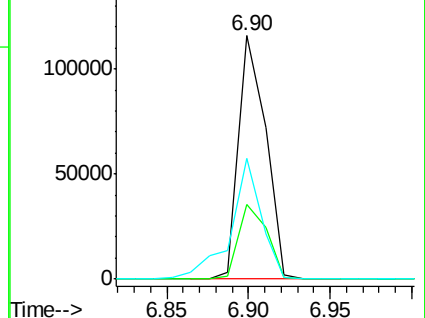
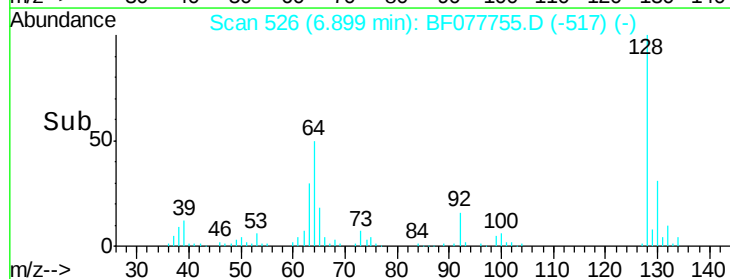
64 49.8 24.9 64.9

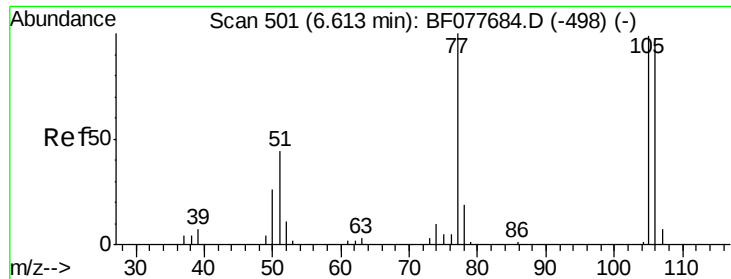


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 5.52 ng

RT: 6.62 min Scan# 502

Delta R.T. 0.01 min

Lab File: BF077755.D

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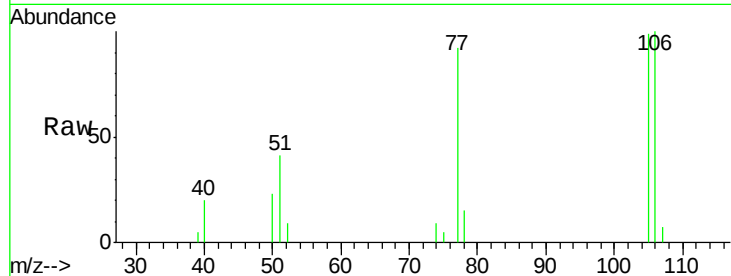
Tgt Ion: 77 Resp: 9248

Ion Ratio Lower Upper

77 100

105 107.8 78.8 118.8

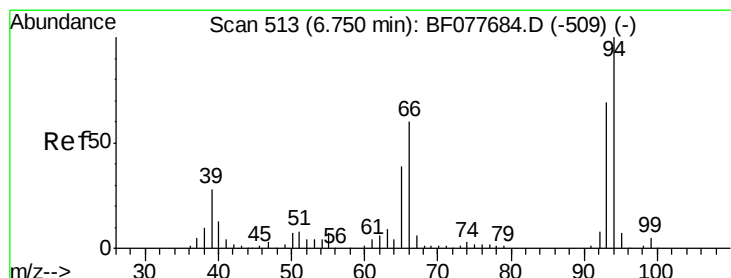
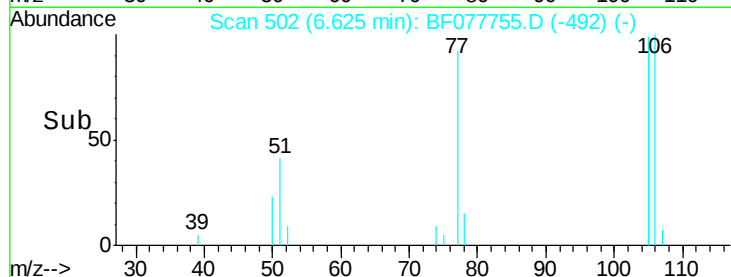
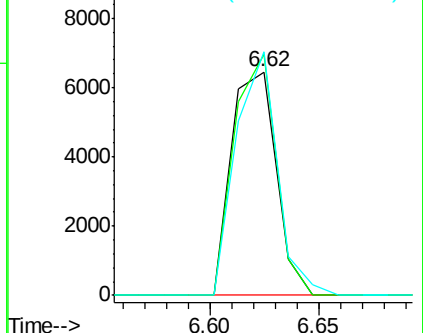
106 108.9 73.7 113.7



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: 32.99 ng

RT: 6.76 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF077755.D

Acq: 16 Mar 2015 16:20

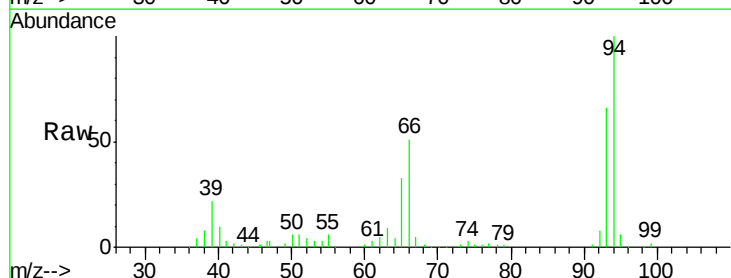
Tgt Ion: 94 Resp: 159616

Ion Ratio Lower Upper

94 100

65 33.4 18.8 58.8

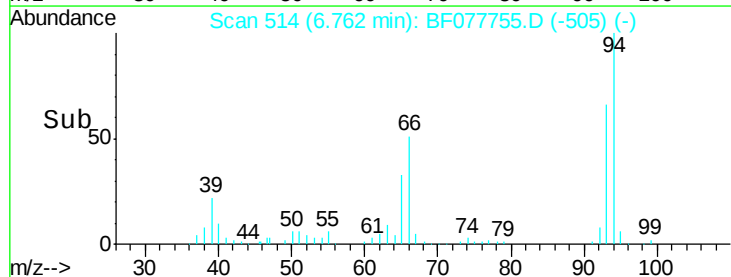
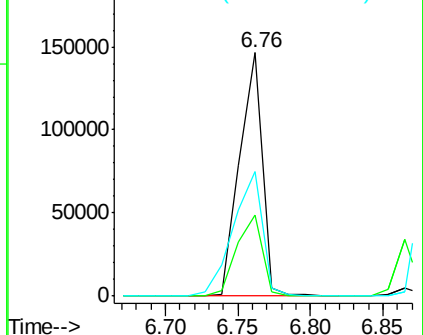
66 51.2 39.9 79.9

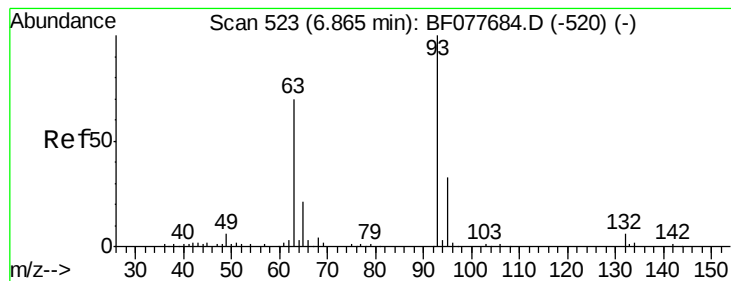


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



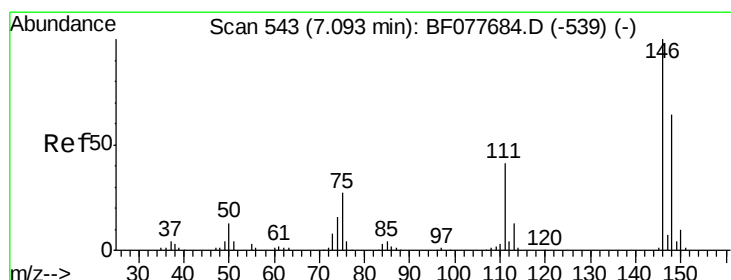
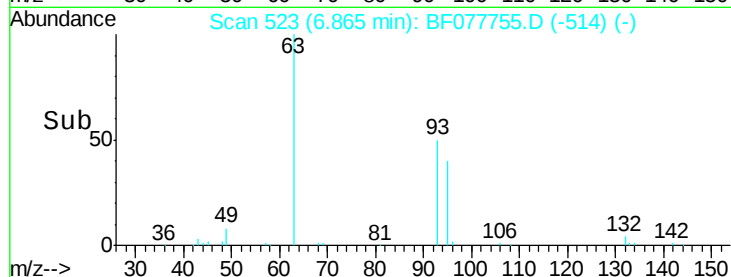
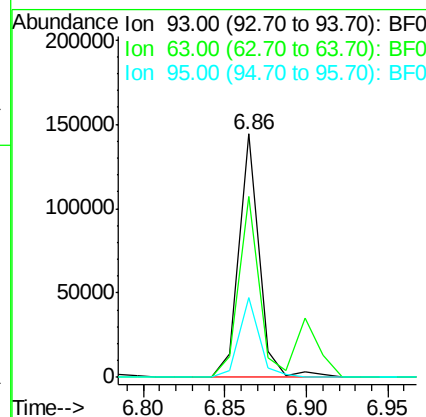
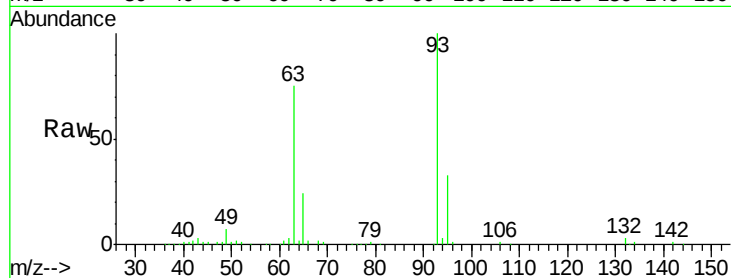


#11
bis(2-Chloroethyl)ether
Concen: 33.93 ng
RT: 6.86 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF077755.D
Acq: 16 Mar 2015 16:20

Instrument :
BNA_F
ClientSampleId :
PB82120BSD

Tgt Ion: 93 Resp: 122953

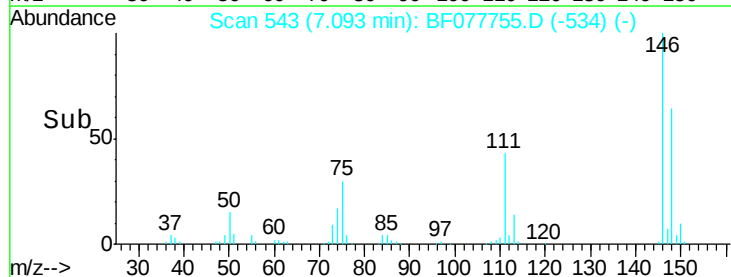
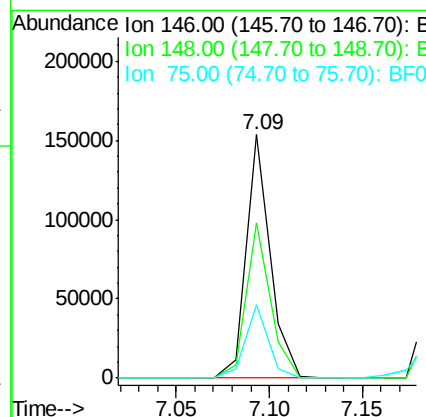
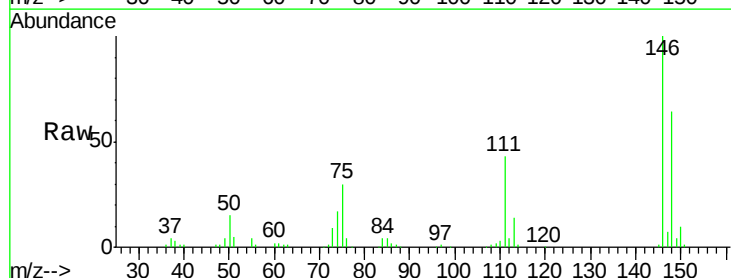
Ion	Ratio	Lower	Upper
93	100		
63	74.6	49.5	89.5
95	32.5	13.5	53.5

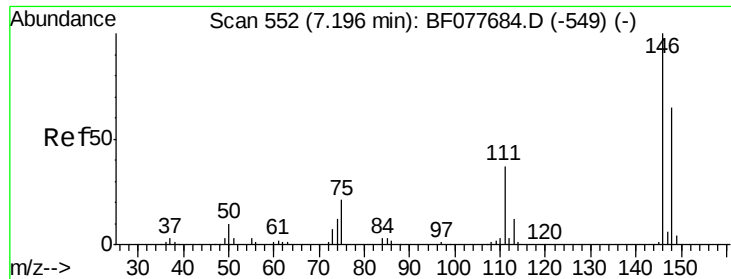


#12
1,3-Dichlorobenzene
Concen: 31.38 ng
RT: 7.09 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF077755.D
Acq: 16 Mar 2015 16:20

Tgt Ion: 146 Resp: 137601

Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.9	76.3
75	30.0	21.4	32.2

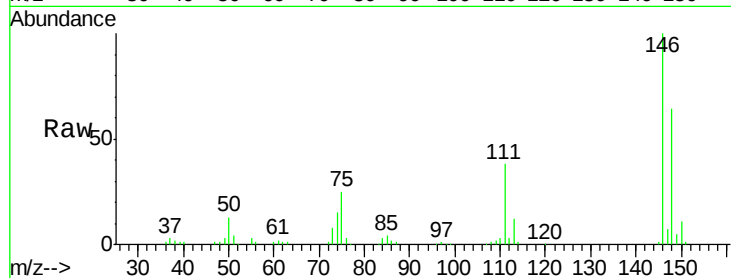




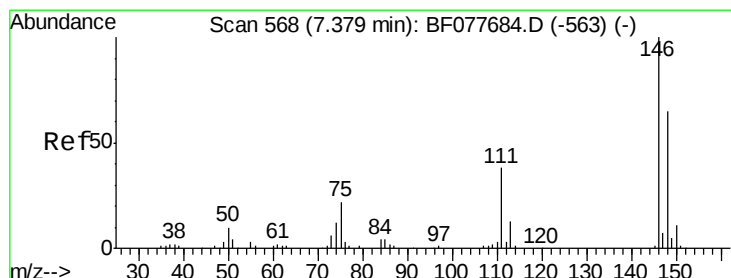
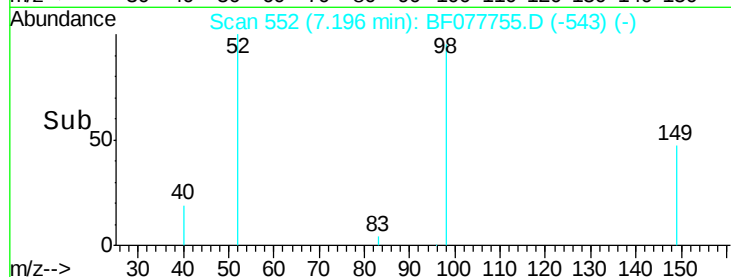
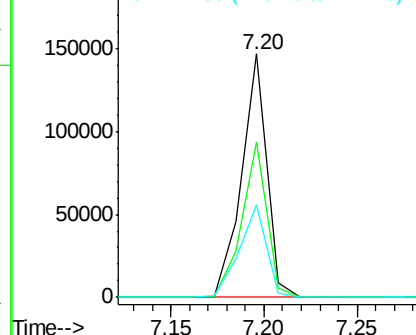
#13
 1,4-Dichlorobenzene
 Concen: 30.46 ng
 RT: 7.20 min Scan# 552
 Delta R.T. 0.00 min
 Lab File: BF077755.D
 Acq: 16 Mar 2015 16:20

Instrument :
 BNA_F
 ClientSampleId :
 PB82120BSD

Tgt Ion:146 Resp: 138820
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.9 77.9
 111 38.0 29.2 43.8

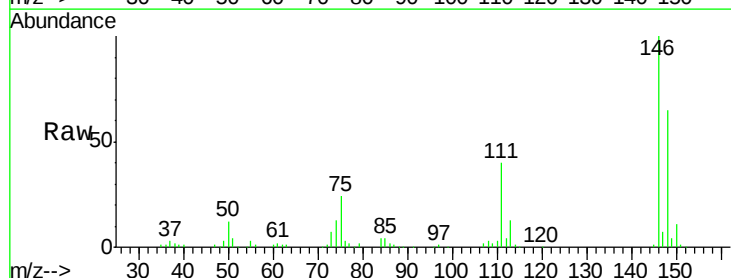


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

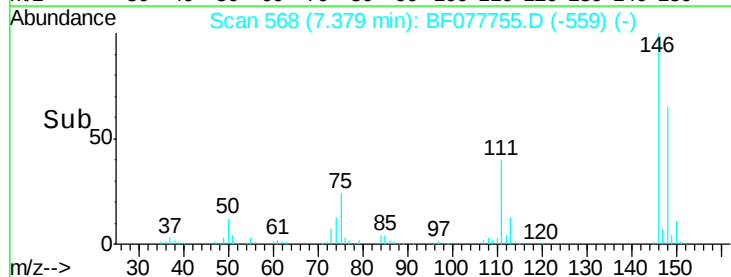
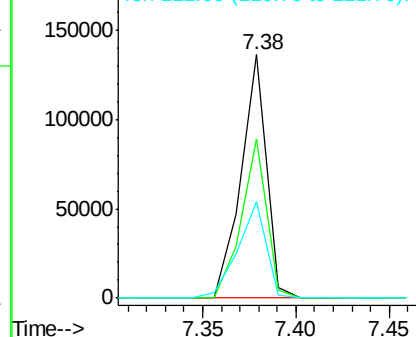


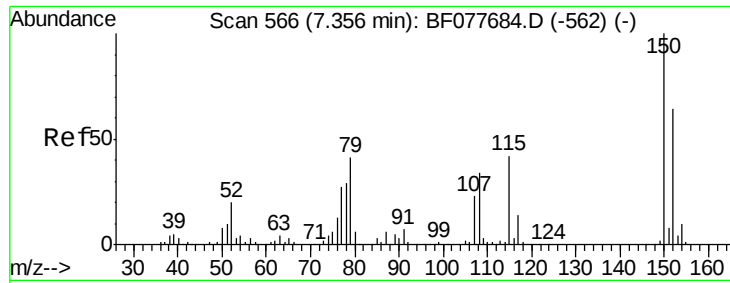
#14
 1,2-Dichlorobenzene
 Concen: 31.20 ng
 RT: 7.38 min Scan# 568
 Delta R.T. 0.00 min
 Lab File: BF077755.D
 Acq: 16 Mar 2015 16:20

Tgt Ion:146 Resp: 130349
 Ion Ratio Lower Upper
 146 100
 148 65.3 52.3 78.5
 111 39.8 30.6 45.8



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

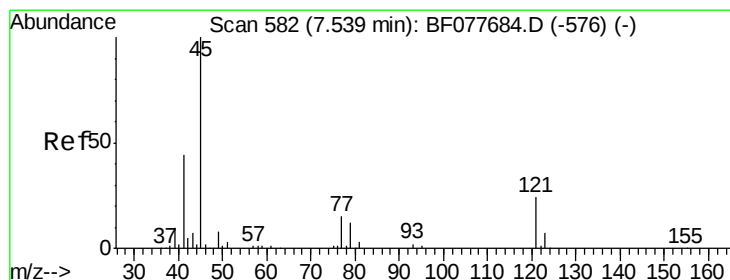
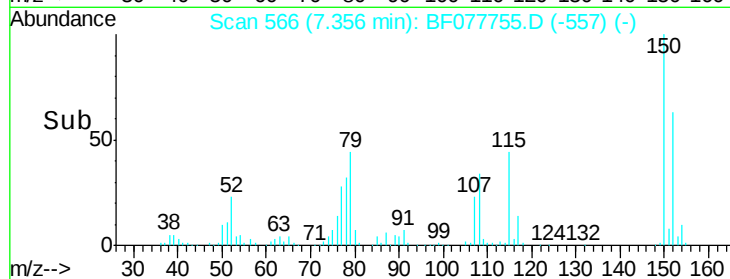
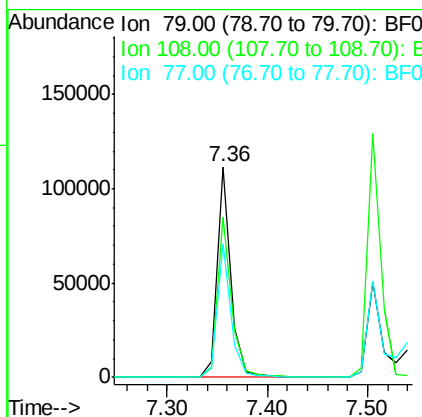
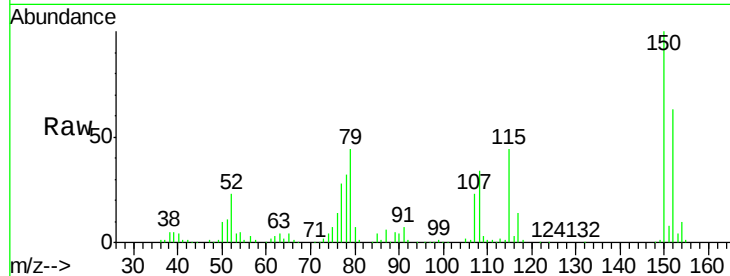




#15
Benzyl Alcohol
Concen: 32.94 ng
RT: 7.36 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF077755.D
Acq: 16 Mar 2015 16:20

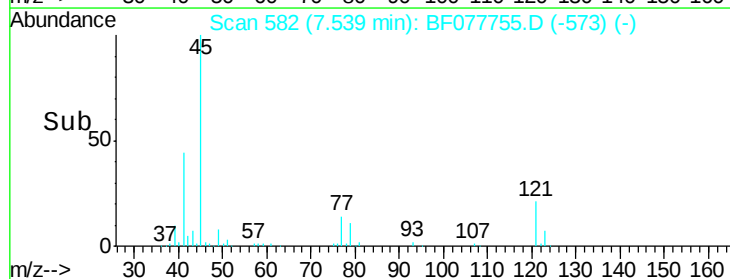
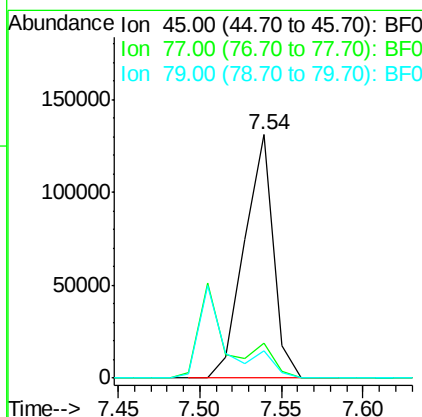
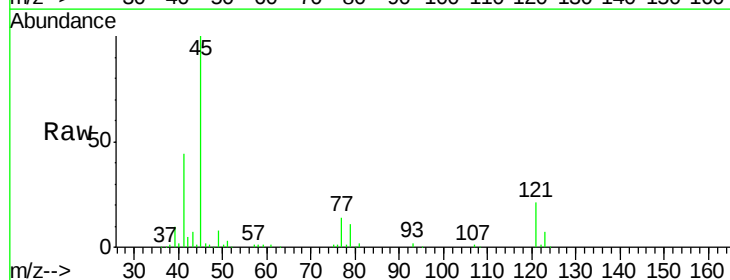
Instrument :
BNA_F
ClientSampleId :
PB82120BSD

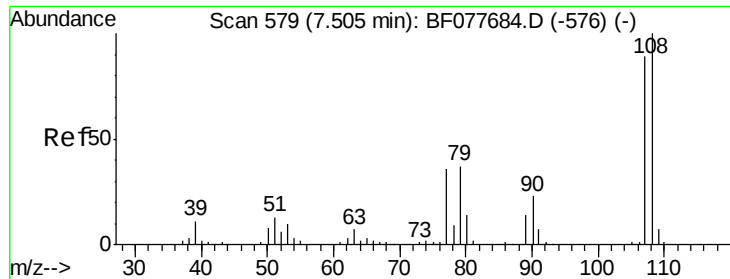
Tgt Ion: 79 Resp: 105242
Ion Ratio Lower Upper
79 100
108 76.4 65.0 97.4
77 63.2 53.0 79.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.01 ng
RT: 7.54 min Scan# 582
Delta R.T. 0.00 min
Lab File: BF077755.D
Acq: 16 Mar 2015 16:20

Tgt Ion: 45 Resp: 161207
Ion Ratio Lower Upper
45 100
77 14.1 0.0 35.2
79 11.2 0.0 32.0

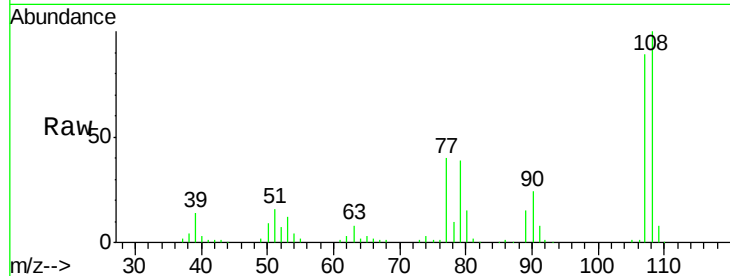




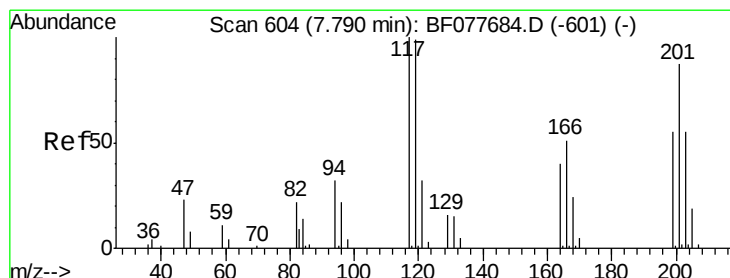
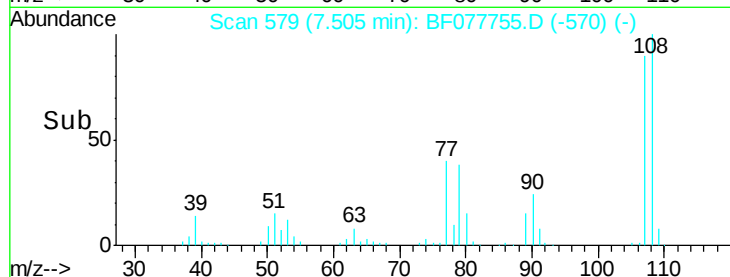
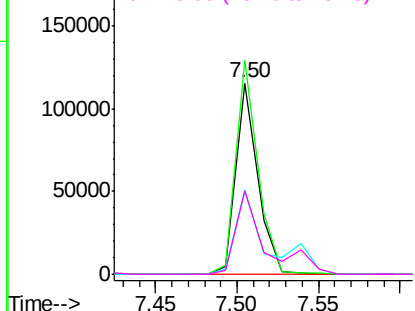
#17
2-Methylphenol
Concen: 32.97 ng
RT: 7.50 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF077755.D
Acq: 16 Mar 2015 16:20

Instrument :
BNA_F
ClientSampleId :
PB82120BSD

Tgt Ion:	107	Resp:	105845
Ion	Ratio	Lower	Upper
107	100		
108	111.7	89.8	134.8
77	44.5	32.6	48.8
79	43.4	32.8	49.2

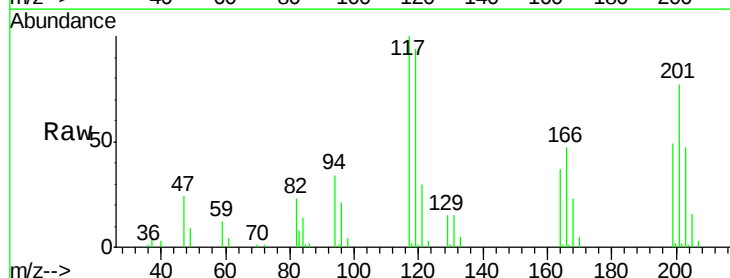


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

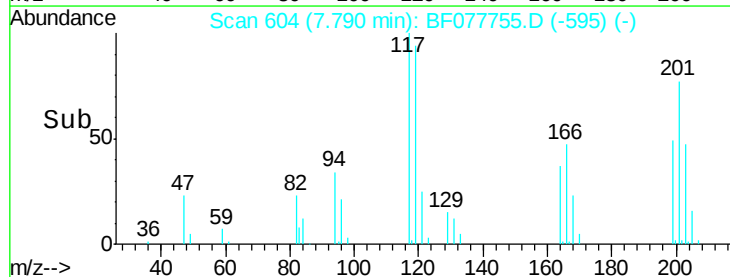
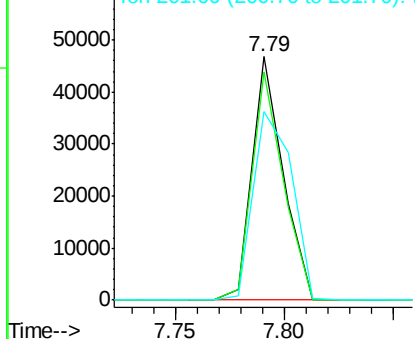


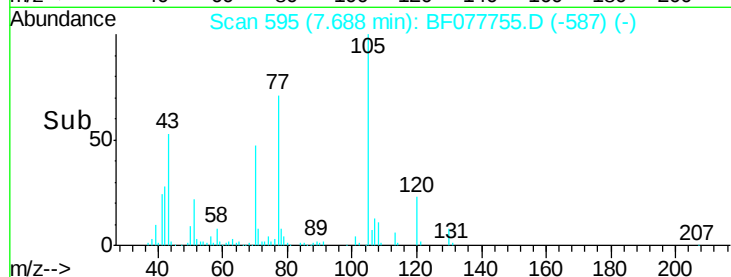
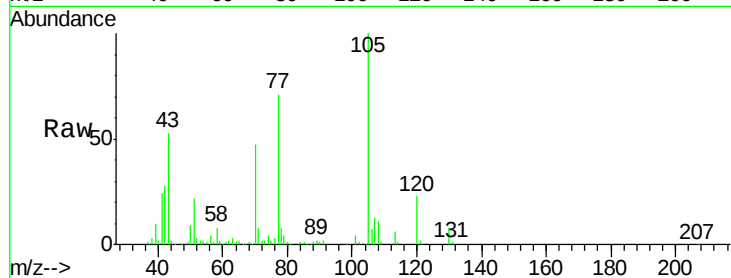
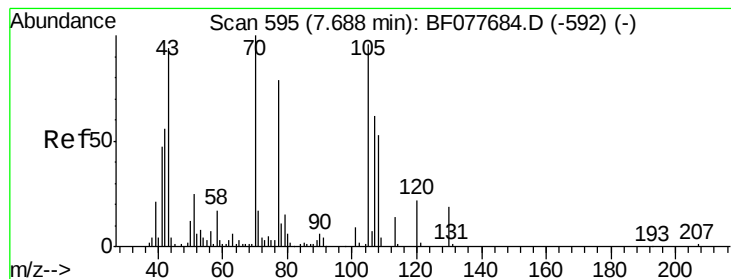
#18
Hexachloroethane
Concen: 30.96 ng
RT: 7.79 min Scan# 604
Delta R.T. 0.00 min
Lab File: BF077755.D
Acq: 16 Mar 2015 16:20

Tgt Ion:	117	Resp:	46277
Ion	Ratio	Lower	Upper
117	100		
119	93.5	79.2	118.8
201	77.3	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: 31.22 ng

RT: 7.69 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF077755.D

Acq: 16 Mar 2015 16:20

Instrument :

BNA_F

ClientSampleId :

PB82120BSD

Tgt Ion: 70 Resp: 88396

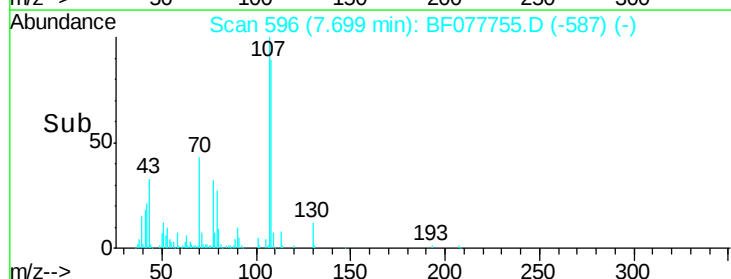
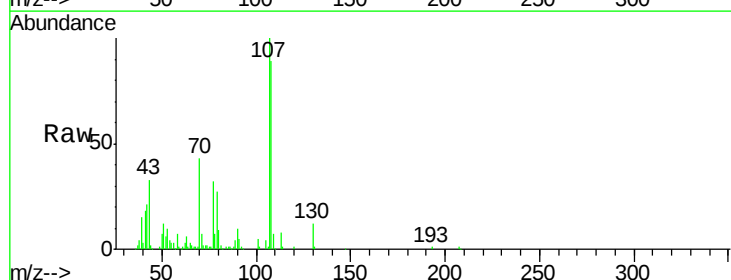
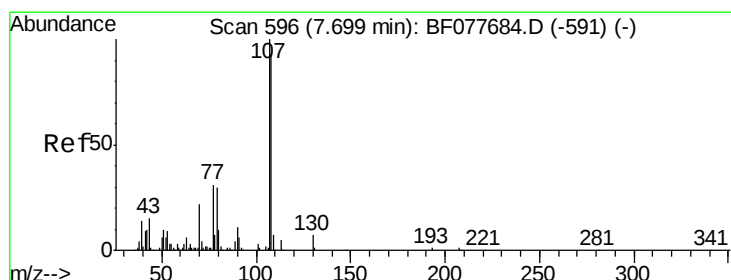
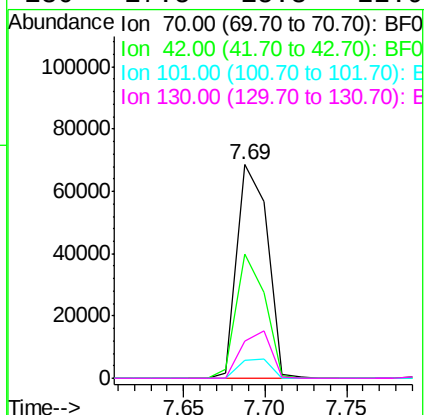
Ion Ratio Lower Upper

70 100

42 58.0 44.5 66.7

101 8.4 7.4 11.2

130 17.5 15.3 22.9



#20

3+4-Methylphenols

Concen: 32.96 ng

RT: 7.70 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF077755.D

Acq: 16 Mar 2015 16:20

Tgt Ion: 107 Resp: 138839

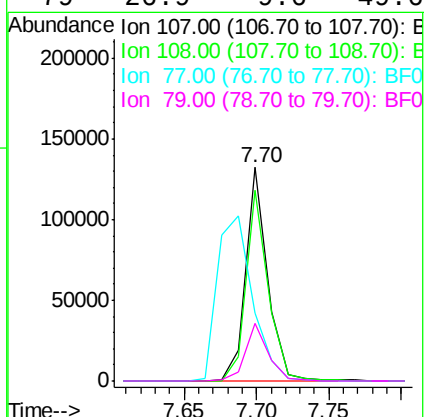
Ion Ratio Lower Upper

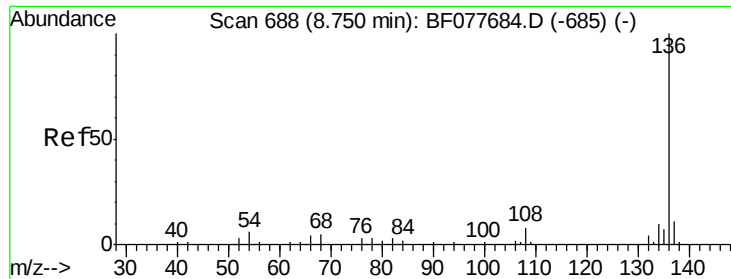
107 100

108 89.1 73.2 113.2

77 31.7 10.7 50.7

79 26.9 9.6 49.6

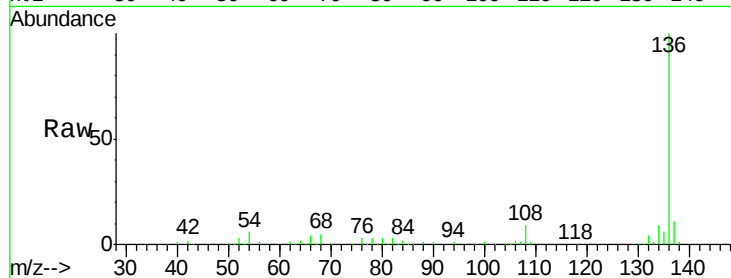




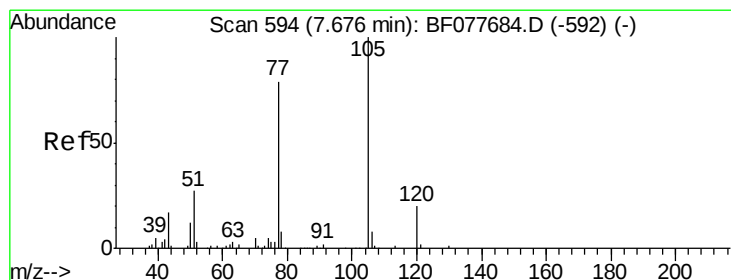
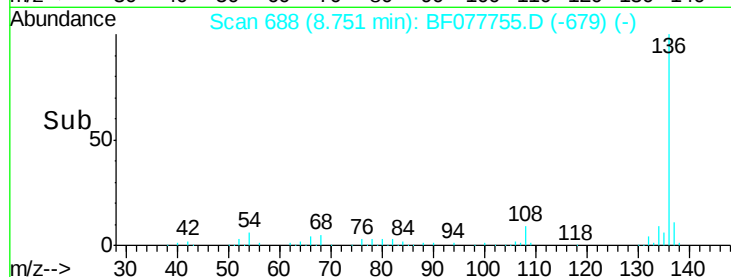
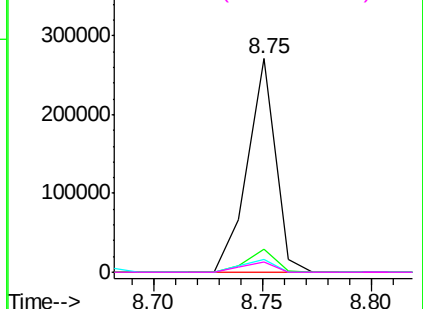
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.75 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF077755.D
Acq: 16 Mar 2015 16:20

Instrument :
BNA_F
ClientSampleId :
PB82120BSD

Tgt Ion:	136	Resp:	243286
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.0	4.6	6.8
68	4.9	3.7	5.5

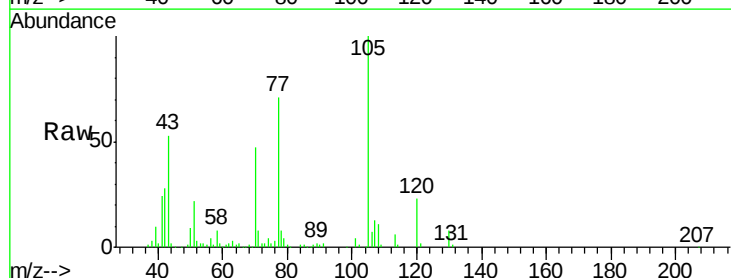


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

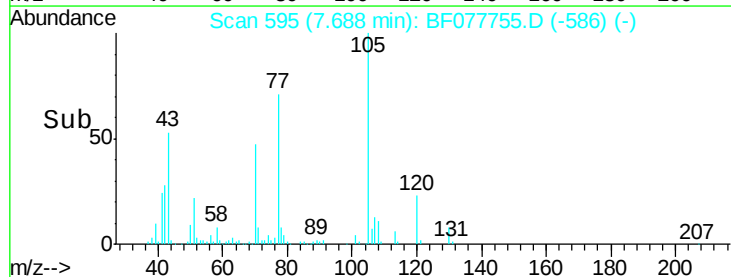
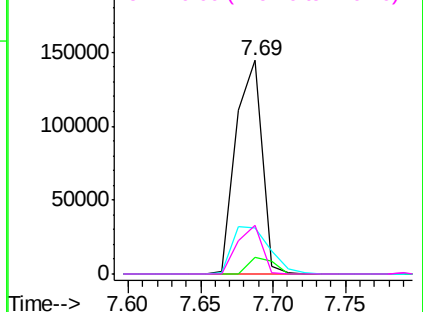


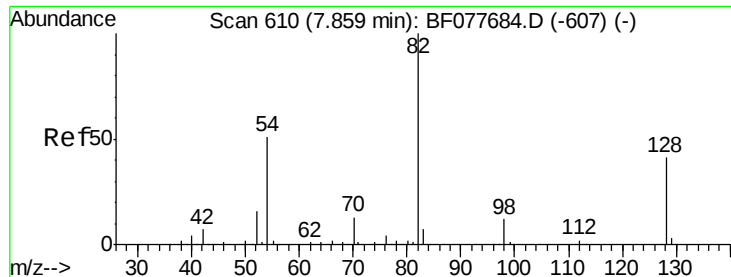
#22
Acetophenone
Concen: 33.63 ng
RT: 7.69 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF077755.D
Acq: 16 Mar 2015 16:20

Tgt Ion:	105	Resp:	181147
Ion	Ratio	Lower	Upper
105	100		
71	8.1	0.6	1.0#
51	21.8	21.6	32.4
120	22.7	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: 67.83 ng

RT: 7.87 min Scan# 611

Delta R.T. 0.00 min

Lab File: BF077755.D

Acq: 16 Mar 2015 16:20

Instrument :

BNA_F

ClientSampleId :

PB82120BSD

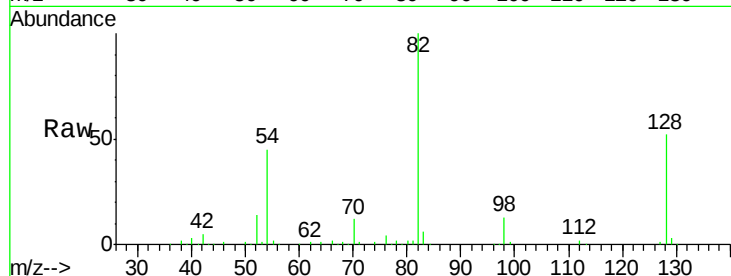
Tgt Ion: 82 Resp: 251737

Ion Ratio Lower Upper

82 100

128 52.3 32.8 49.2#

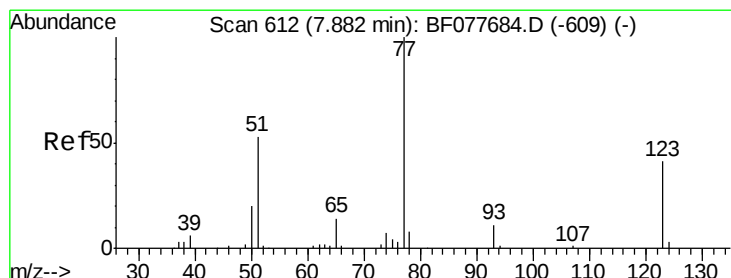
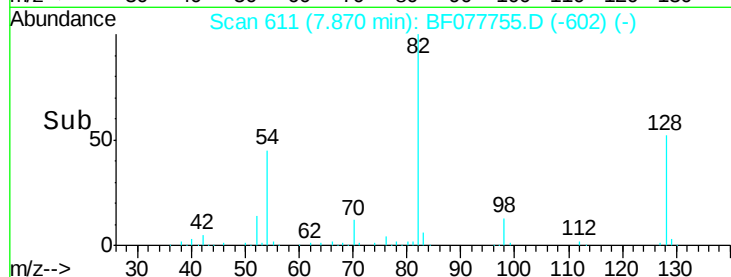
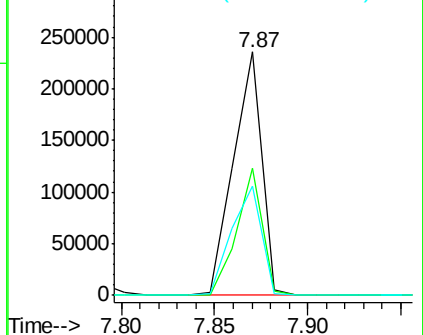
54 44.6 40.6 60.8



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: 32.46 ng

RT: 7.89 min Scan# 613

Delta R.T. 0.00 min

Lab File: BF077755.D

Acq: 16 Mar 2015 16:20

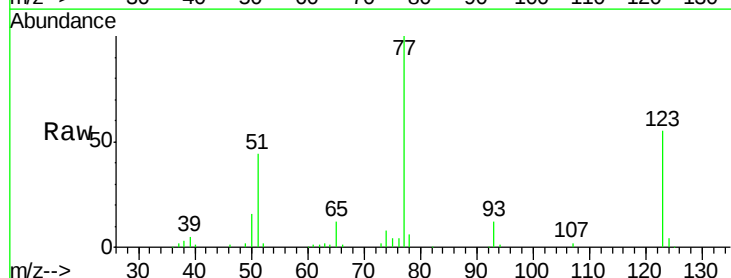
Tgt Ion: 77 Resp: 129780

Ion Ratio Lower Upper

77 100

123 55.0 32.6 49.0#

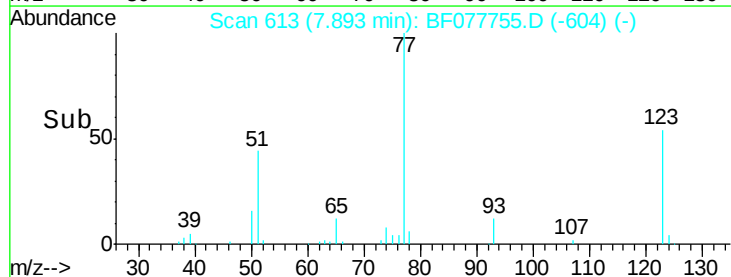
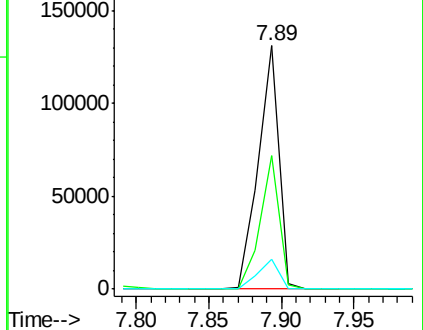
65 12.0 10.9 16.3

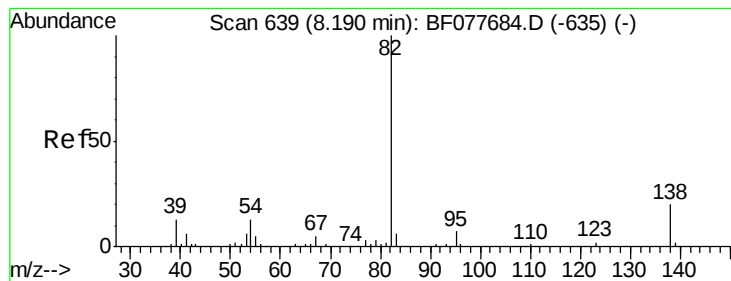


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): B

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 33.06 ng

RT: 8.19 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF077755.D

Acq: 16 Mar 2015 16:20

Instrument :

BNA_F

ClientSampleId :

PB82120BSD

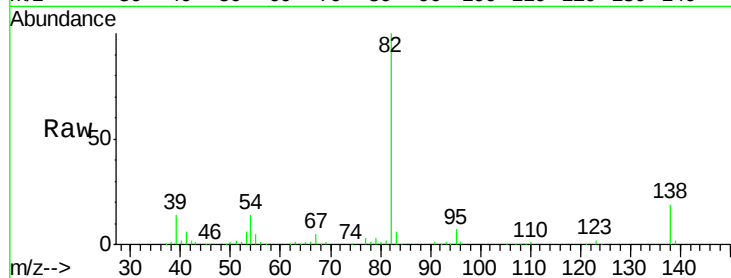
Tgt Ion: 82 Resp: 247775

Ion Ratio Lower Upper

82 100

95 7.2 5.8 8.6

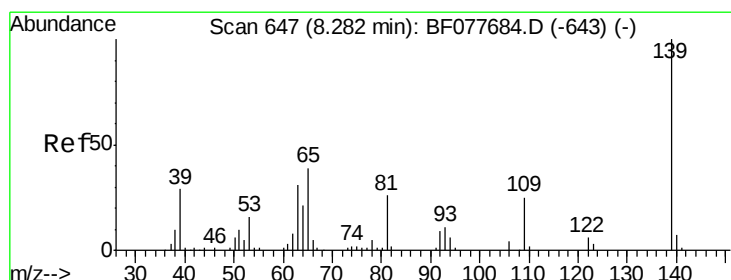
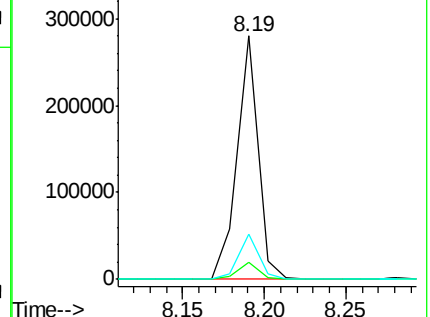
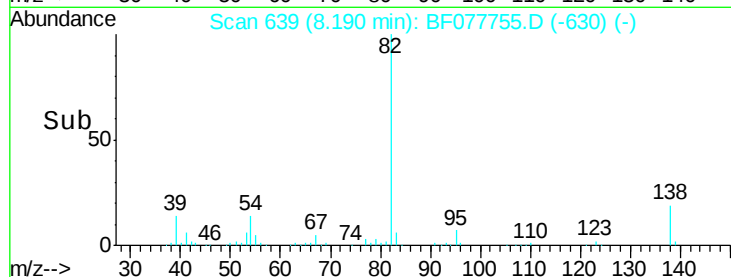
138 18.7 16.3 24.5



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: 32.58 ng

RT: 8.28 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF077755.D

Acq: 16 Mar 2015 16:20

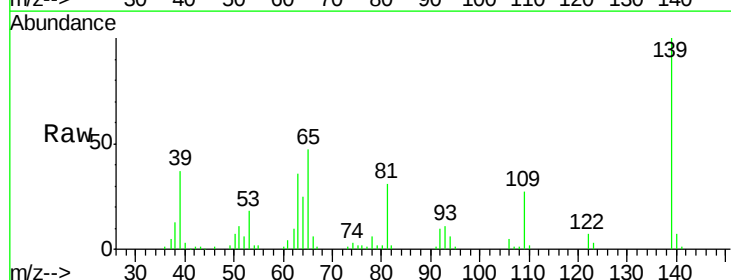
Tgt Ion: 139 Resp: 63776

Ion Ratio Lower Upper

139 100

109 27.0 20.1 30.1

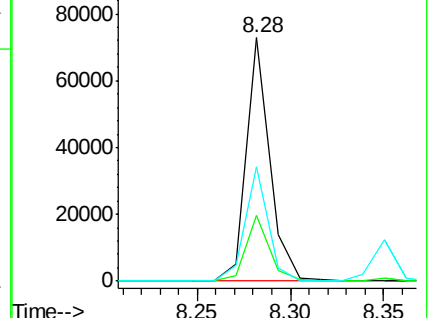
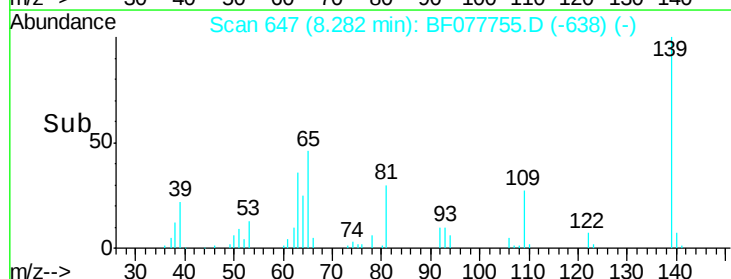
65 46.9 31.5 47.3

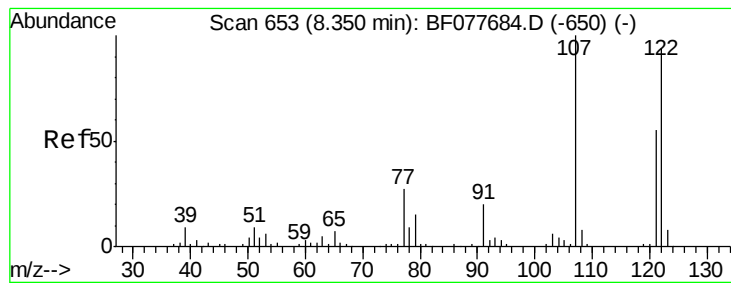


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 34.31 ng

RT: 8.35 min Scan# 653

Delta R.T. 0.00 min

Lab File: BF077755.D

Acq: 16 Mar 2015 16:20

Instrument :

BNA_F

ClientSampleId :

PB82120BSD

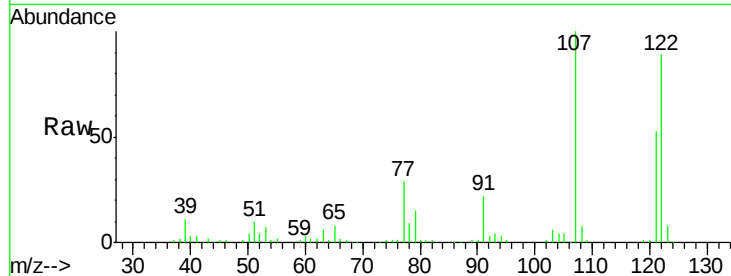
Tgt Ion: 122 Resp: 122358

Ion Ratio Lower Upper

122 100

107 112.3 84.7 127.1

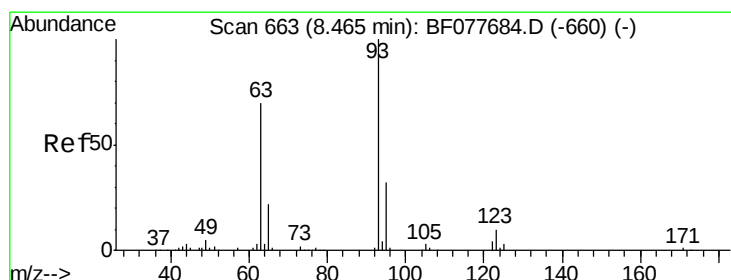
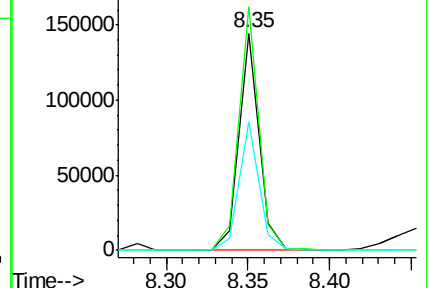
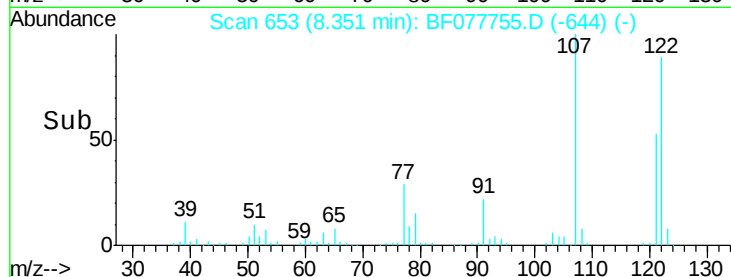
121 59.3 46.6 69.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 33.40 ng

RT: 8.48 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF077755.D

Acq: 16 Mar 2015 16:20

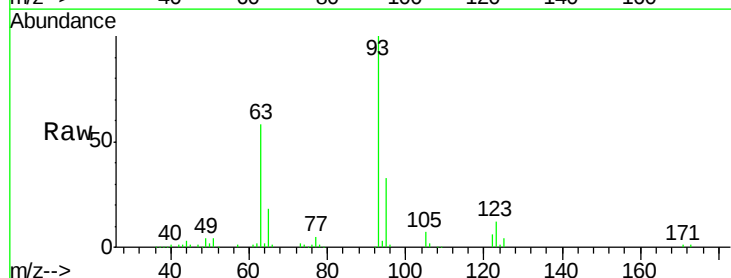
Tgt Ion: 93 Resp: 151963

Ion Ratio Lower Upper

93 100

95 33.4 25.5 38.3

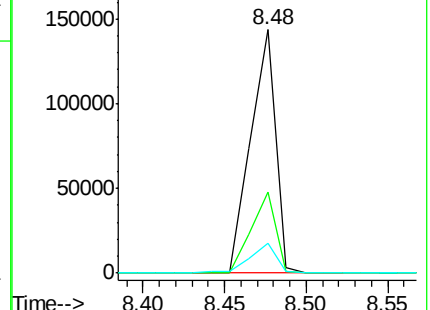
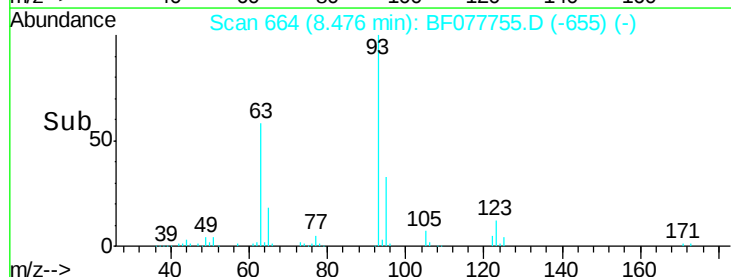
123 12.3 8.6 13.0

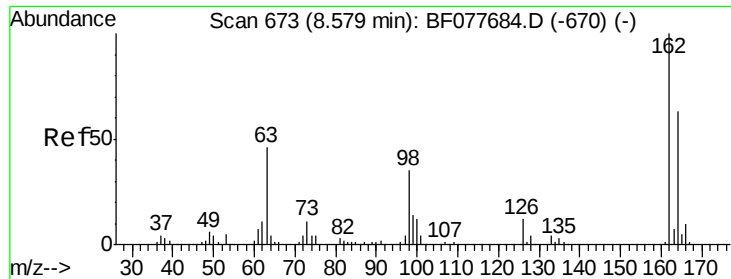


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

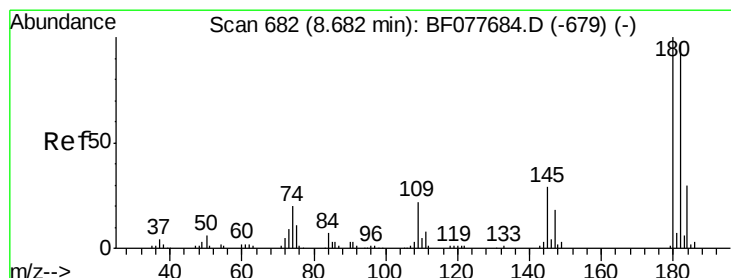
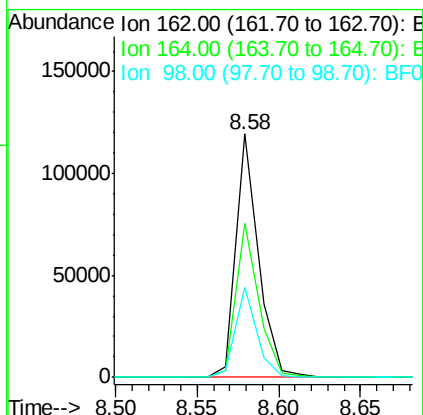
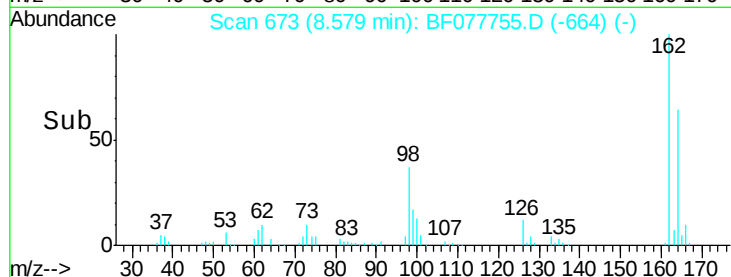
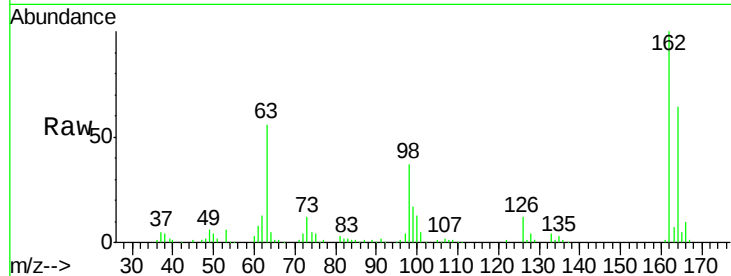




#29
 2,4-Dichlorophenol
 Concen: 33.51 ng
 RT: 8.58 min Scan# 673
 Delta R.T. 0.00 min
 Lab File: BF077755.D
 Acq: 16 Mar 2015 16:20

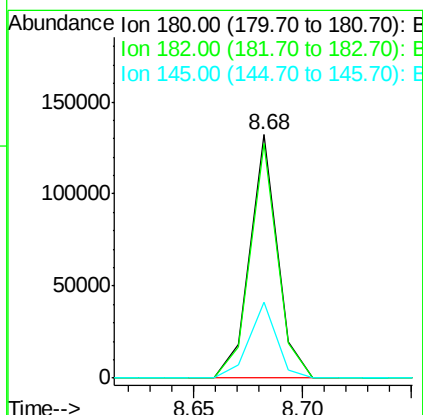
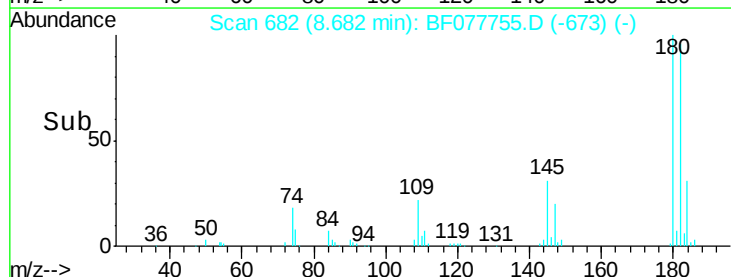
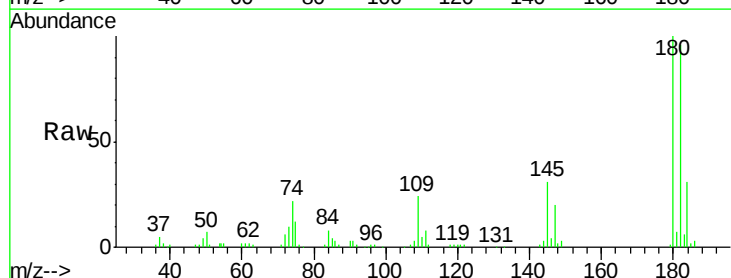
Instrument :
 BNA_F
 ClientSampleId :
 PB82120BSD

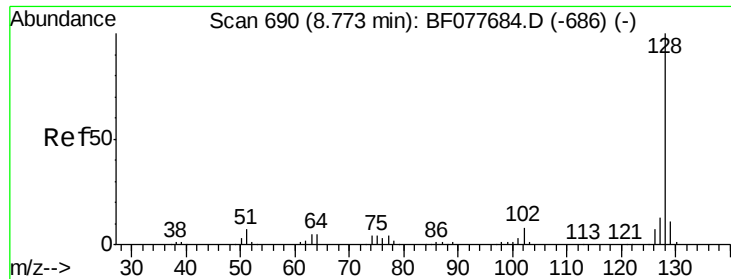
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.5	42.8	82.8
98	37.1	14.5	54.5



#30
 1,2,4-Trichlorobenzene
 Concen: 30.64 ng
 RT: 8.68 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF077755.D
 Acq: 16 Mar 2015 16:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	77.6	116.4
145	31.1	23.4	35.2

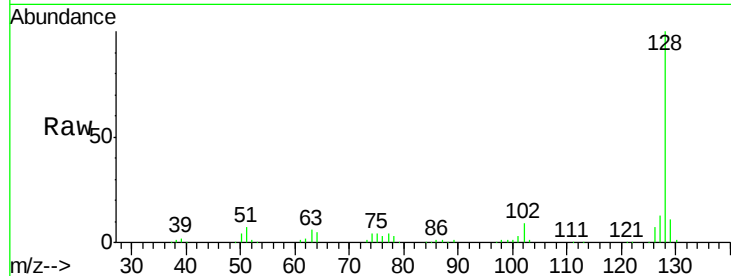




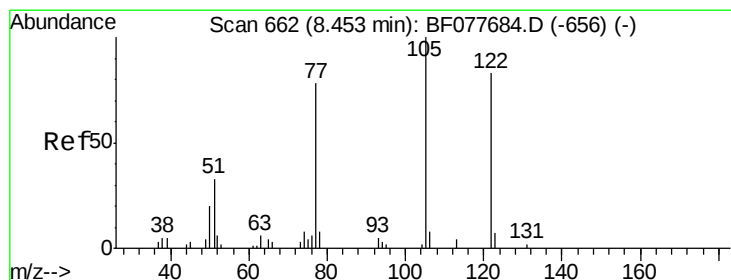
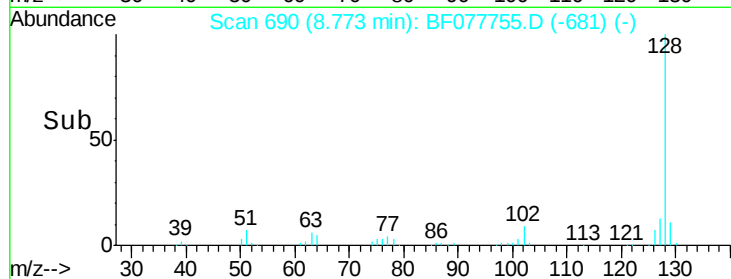
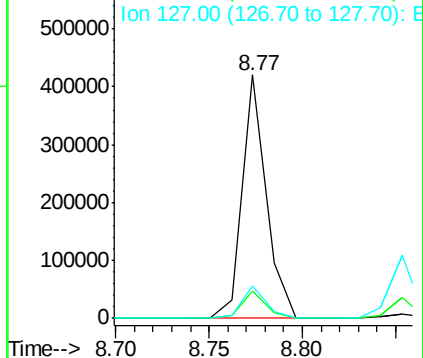
#31
Naphthalene
Concen: 30.13 ng
RT: 8.77 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF077755.D
Acq: 16 Mar 2015 16:20

Instrument :
BNA_F
ClientSampleId :
PB82120BSD

Tgt Ion:128 Resp: 376425
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.2 10.4 15.6

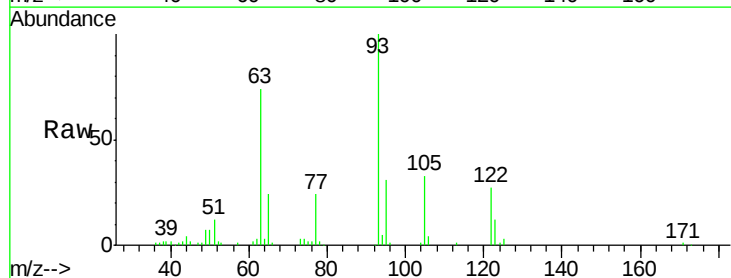


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

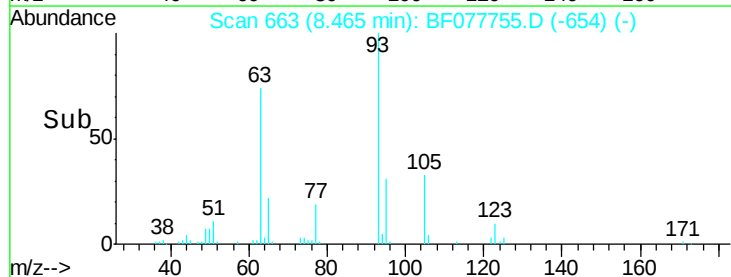
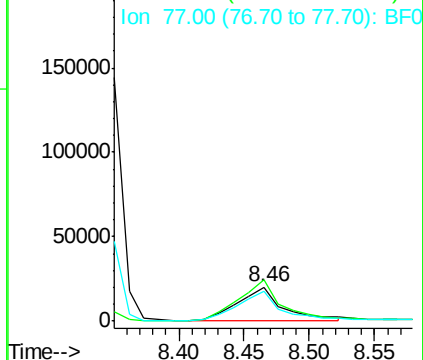


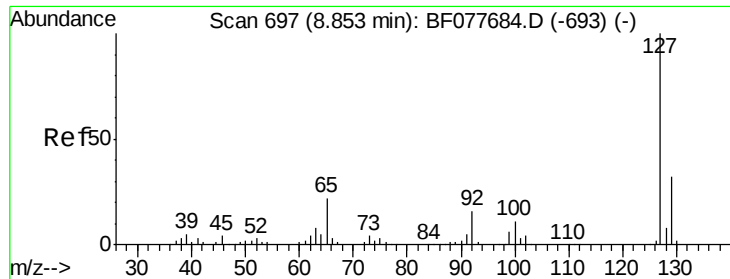
#32
Benzoic acid
Concen: 25.19 ng
RT: 8.46 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF077755.D
Acq: 16 Mar 2015 16:20

Tgt Ion:122 Resp: 46988
Ion Ratio Lower Upper
122 100
105 121.2 99.9 139.9
77 88.9 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

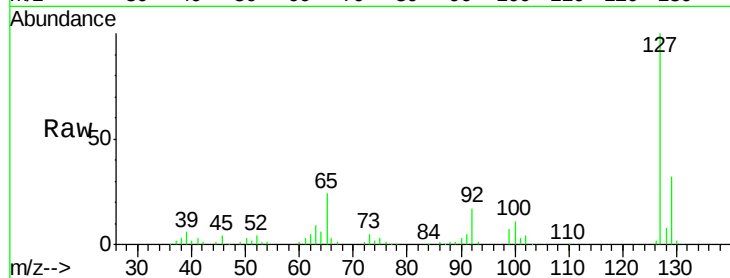




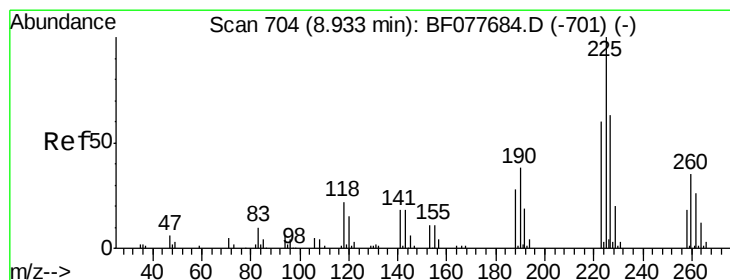
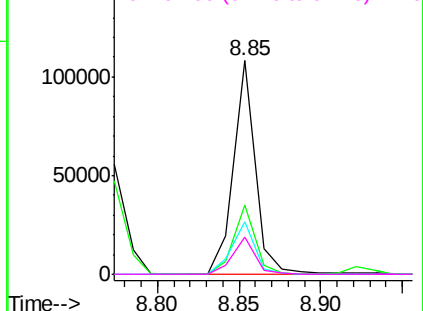
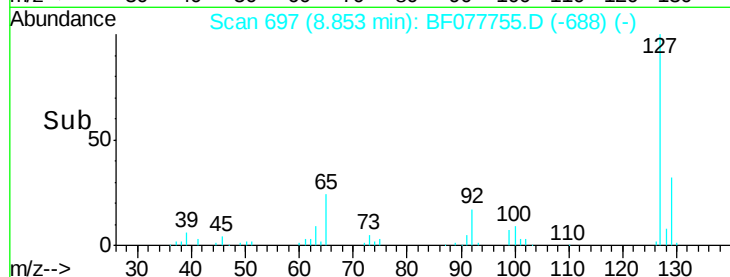
#33
4-Chloroaniline
Concen: 19.59 ng
RT: 8.85 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF077755.D
Acq: 16 Mar 2015 16:20

Instrument :
BNA_F
ClientSampleId :
PB82120BSD

Tgt Ion:	127	Resp:	99323
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.3	37.9
65	24.4	17.6	26.4
92	17.2	13.1	19.7

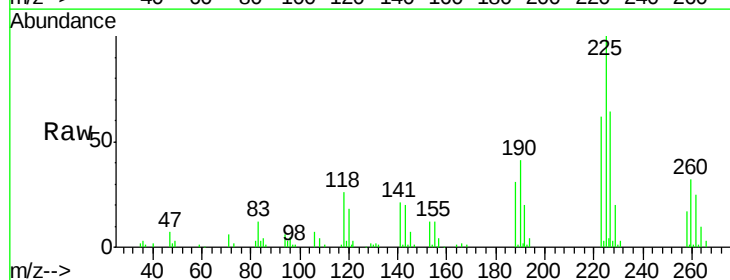


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

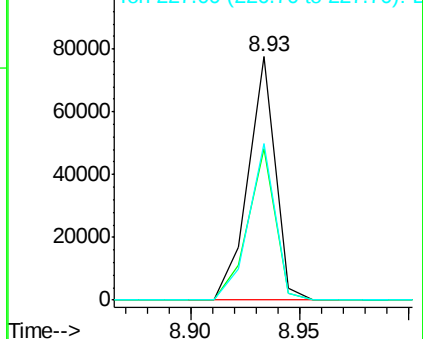
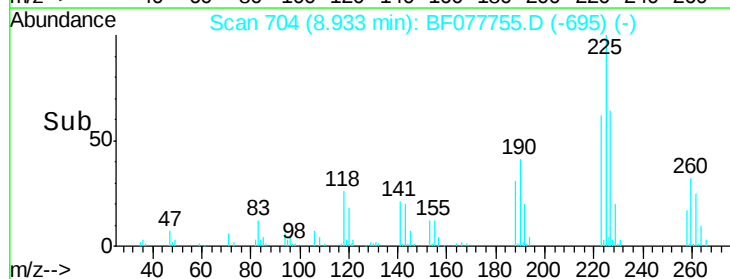


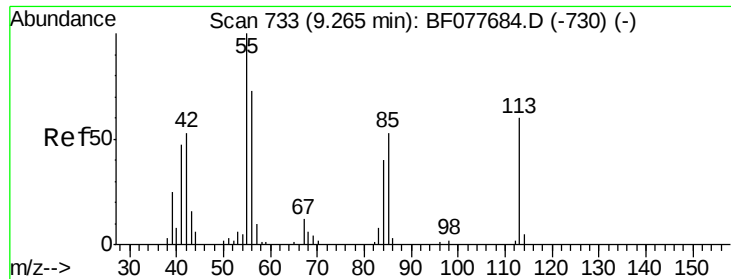
#34
Hexachlorobutadiene
Concen: 31.29 ng
RT: 8.93 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF077755.D
Acq: 16 Mar 2015 16:20

Tgt Ion:	225	Resp:	67450
Ion	Ratio	Lower	Upper
225	100		
223	62.0	47.9	71.9
227	64.3	50.1	75.1



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

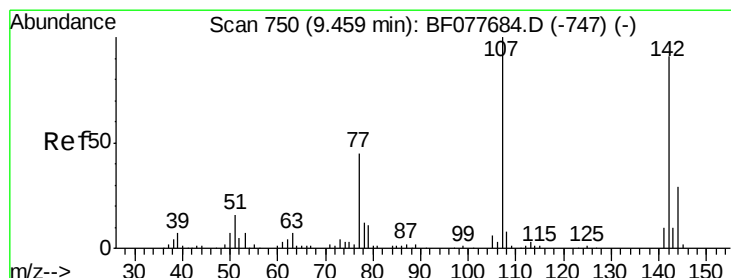
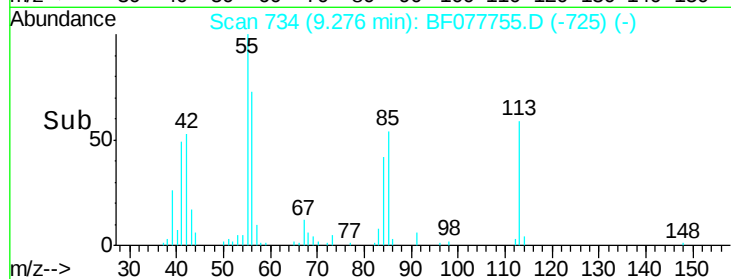
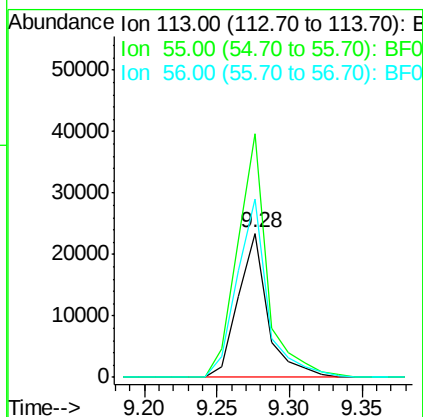
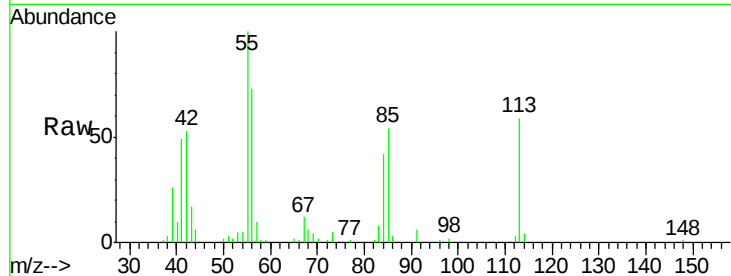




#35
 Caprolactam
 Concen: 33.54 ng
 RT: 9.28 min Scan# 734
 Delta R.T. 0.00 min
 Lab File: BF077755.D
 Acq: 16 Mar 2015 16:20

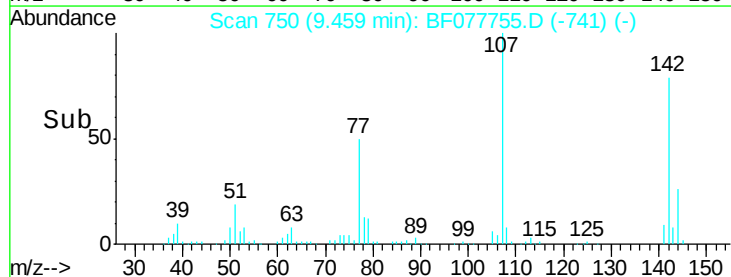
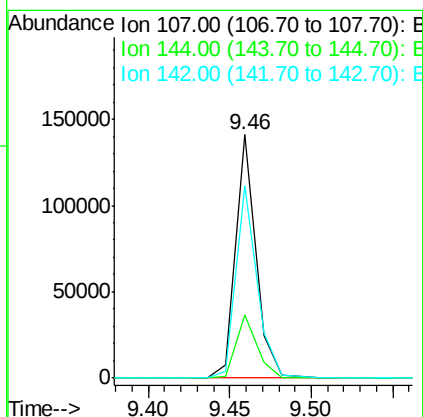
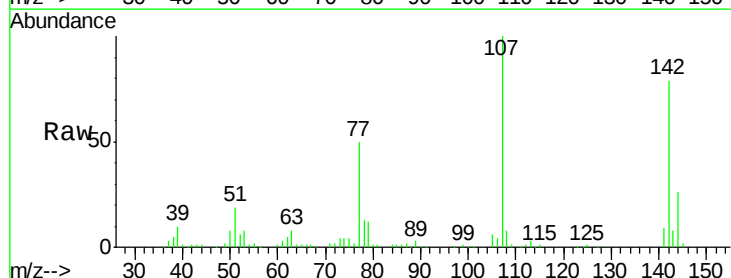
Instrument :
 BNA_F
 ClientSampleId :
 PB82120BSD

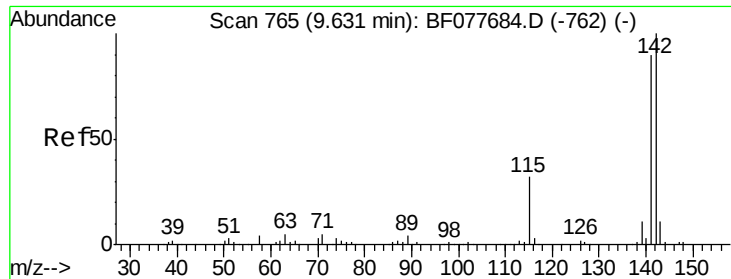
Tgt Ion:113 Resp: 33317
 Ion Ratio Lower Upper
 113 100
 55 168.7 145.9 185.9
 56 123.9 101.0 141.0



#36
 4-Chloro-3-methylphenol
 Concen: 35.31 ng
 RT: 9.46 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF077755.D
 Acq: 16 Mar 2015 16:20

Tgt Ion:107 Resp: 120760
 Ion Ratio Lower Upper
 107 100
 144 26.1 23.3 34.9
 142 79.3 72.6 109.0

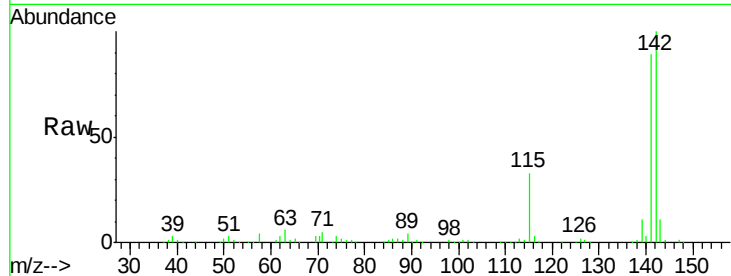




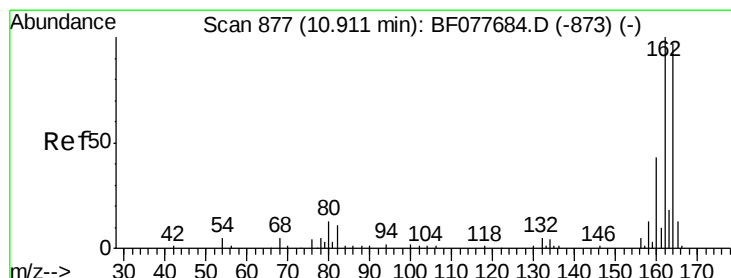
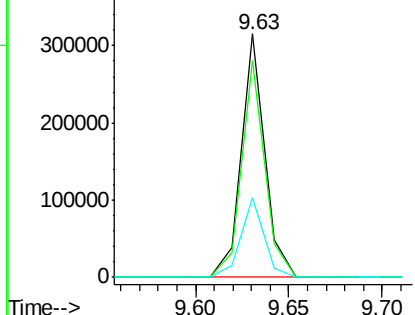
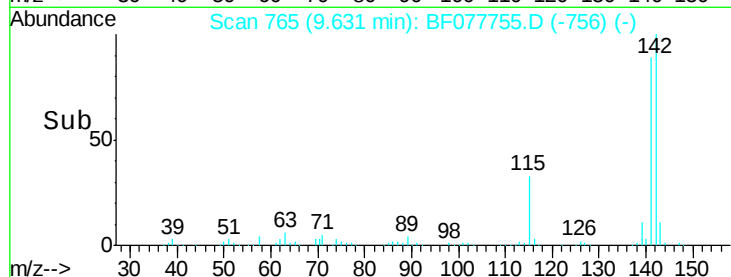
#37
 2-Methylnaphthalene
 Concen: 32.96 ng
 RT: 9.63 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BF077755.D
 Acq: 16 Mar 2015 16:20

Instrument :
 BNA_F
 ClientSampleId :
 PB82120BSD

Tgt Ion:142 Resp: 276685
 Ion Ratio Lower Upper
 142 100
 141 88.8 71.9 107.9
 115 33.0 25.4 38.0

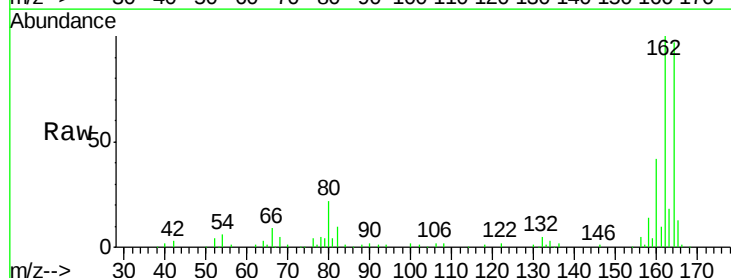


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

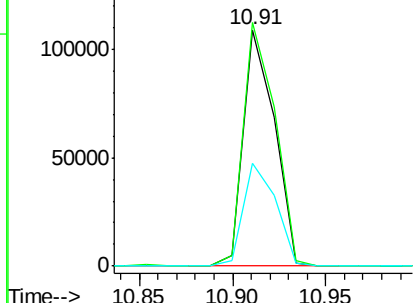
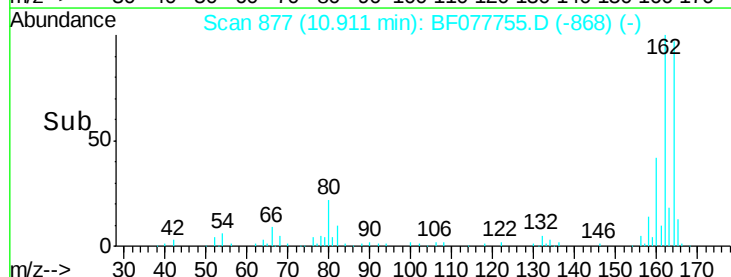


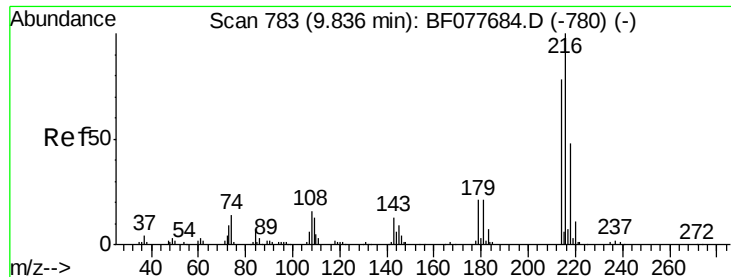
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.91 min Scan# 877
 Delta R.T. 0.00 min
 Lab File: BF077755.D
 Acq: 16 Mar 2015 16:20

Tgt Ion:164 Resp: 125749
 Ion Ratio Lower Upper
 164 100
 162 103.0 82.4 123.6
 160 43.6 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

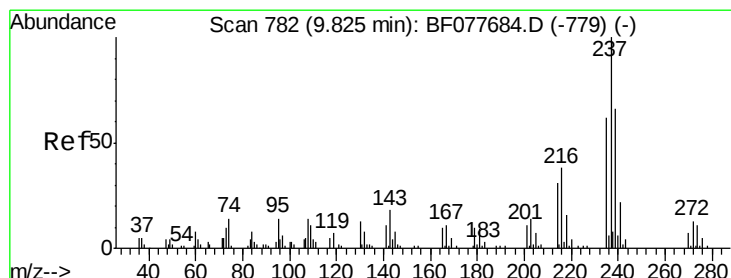
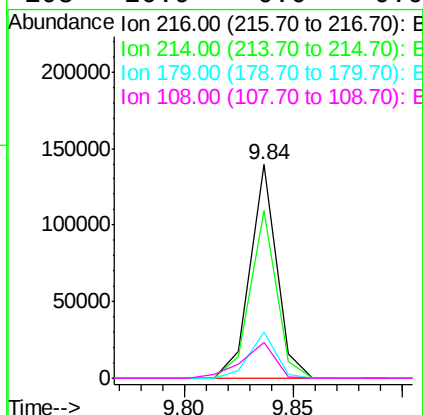
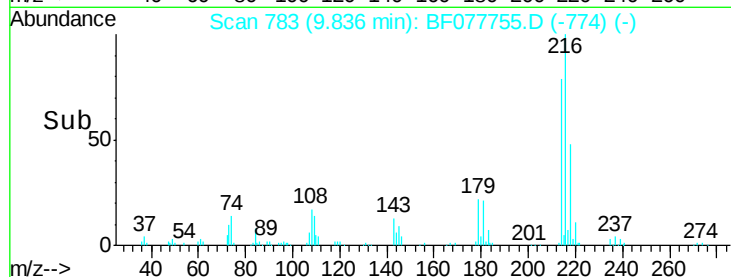
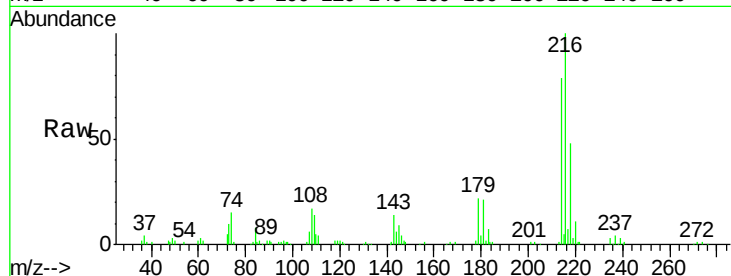




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 31.59 ng
 RT: 9.84 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF077755.D
 Acq: 16 Mar 2015 16:20

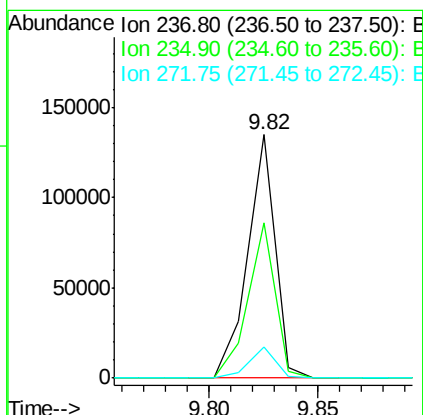
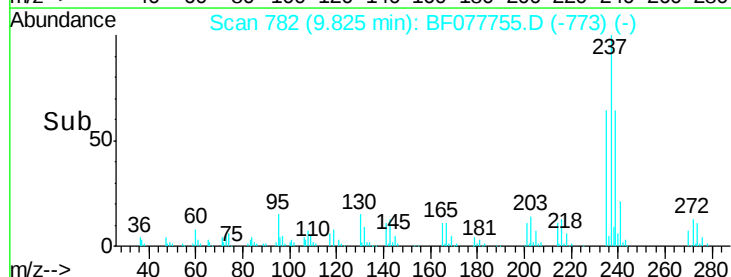
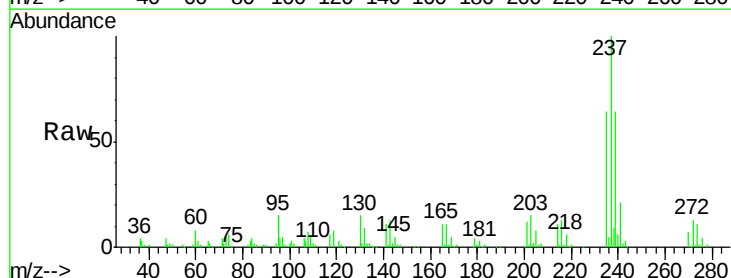
Instrument :
 BNA_F
 ClientSampleId :
 PB82120BSD

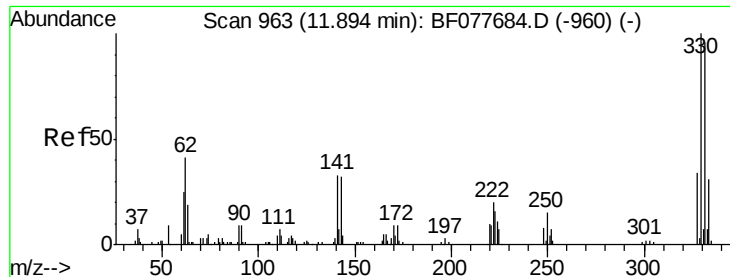
Tgt Ion:	216	Resp:	118483
Ion	Ratio	Lower	Upper
216	100		
214	78.3	0.0	0.0#
179	21.8	0.0	0.0#
108	20.9	0.0	0.0#



#40
 Hexachlorocyclopentadiene
 Concen: 63.68 ng
 RT: 9.82 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF077755.D
 Acq: 16 Mar 2015 16:20

Tgt Ion:	237	Resp:	118295
Ion	Ratio	Lower	Upper
237	100		
235	63.5	42.0	82.0
272	12.7	0.0	33.4

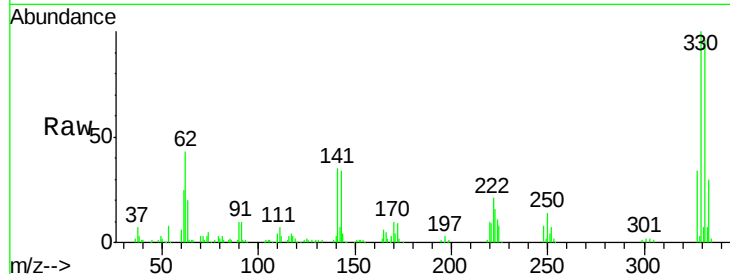




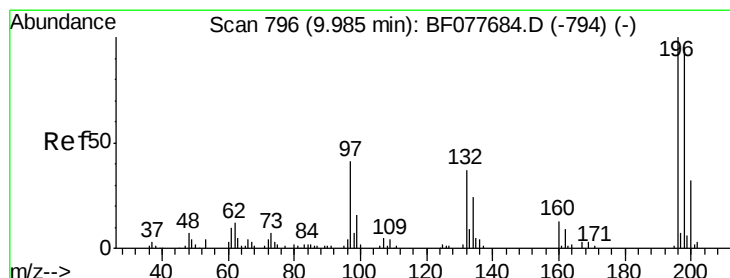
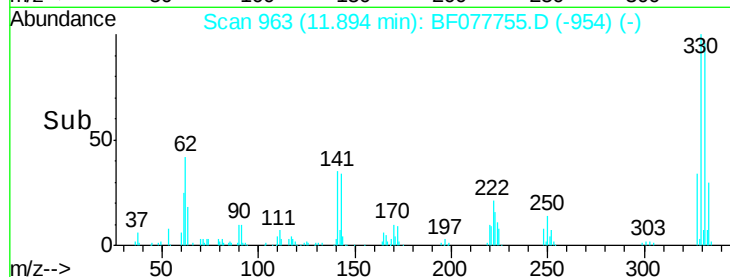
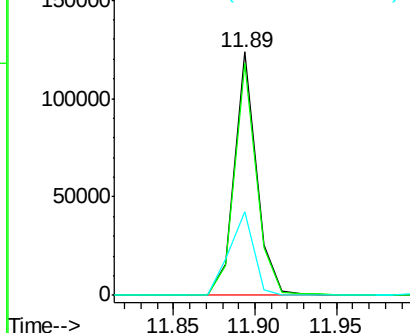
#41
 2,4,6-Tribromophenol
 Concen: 96.09 ng
 RT: 11.89 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BF077755.D
 Acq: 16 Mar 2015 16:20

Instrument :
 BNA_F
 ClientSampleId :
 PB82120BSD

Tgt Ion:330 Resp: 115613
 Ion Ratio Lower Upper
 330 100
 332 95.7 0.0 0.0#
 141 38.0 0.0 0.0#

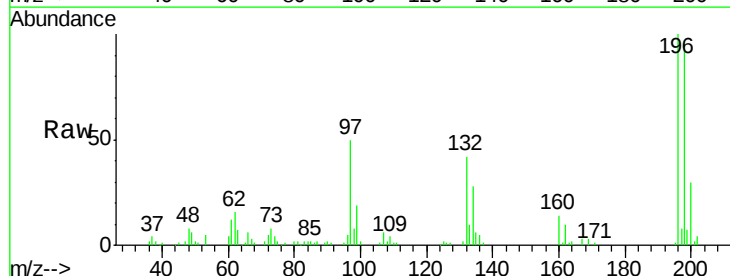


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

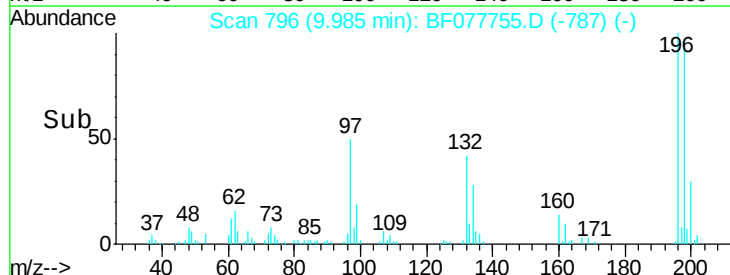
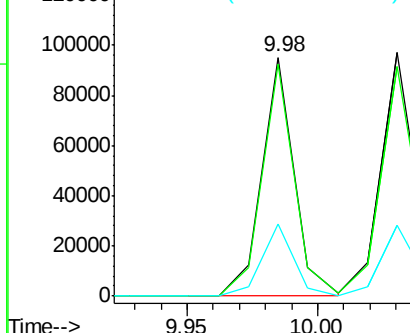


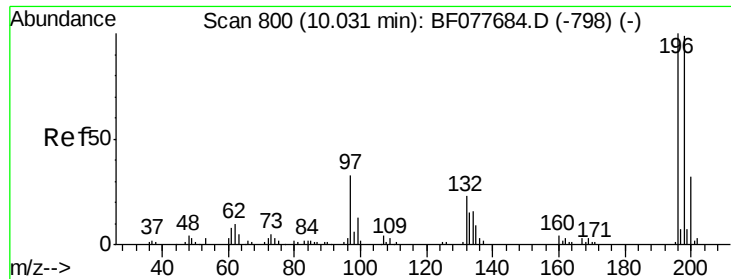
#42
 2,4,6-Trichlorophenol
 Concen: 31.62 ng
 RT: 9.98 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF077755.D
 Acq: 16 Mar 2015 16:20

Tgt Ion:196 Resp: 82150
 Ion Ratio Lower Upper
 196 100
 198 97.2 76.3 114.5
 200 30.1 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

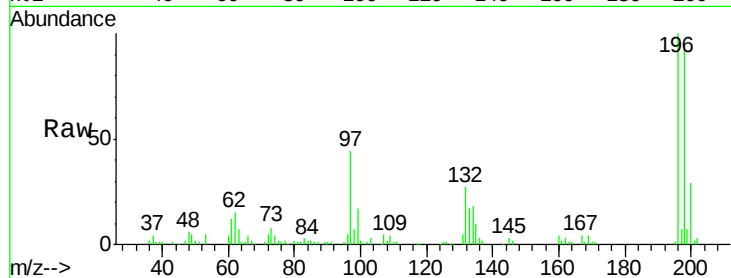




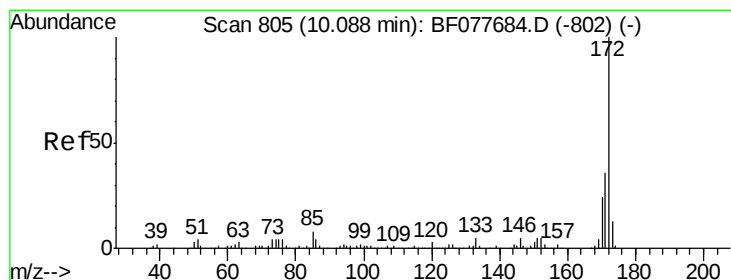
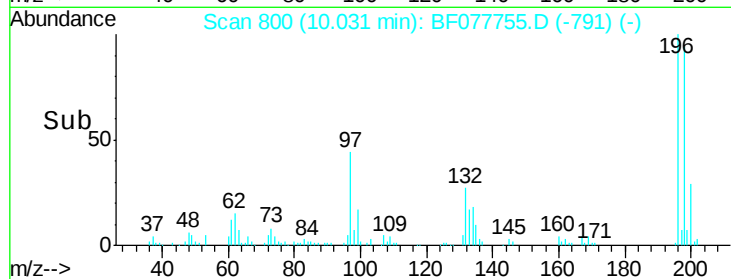
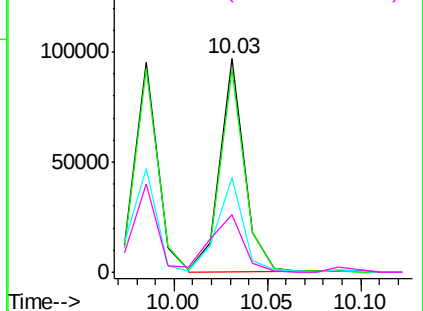
#43
 2,4,5-Trichlorophenol
 Concen: 31.65 ng
 RT: 10.03 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF077755.D
 Acq: 16 Mar 2015 16:20

Instrument :
 BNA_F
 ClientSampleId :
 PB82120BSD

Tgt Ion:196 Resp: 88848
 Ion Ratio Lower Upper
 196 100
 198 94.5 79.4 119.0
 97 44.2 26.8 40.2#
 132 27.1 18.6 28.0

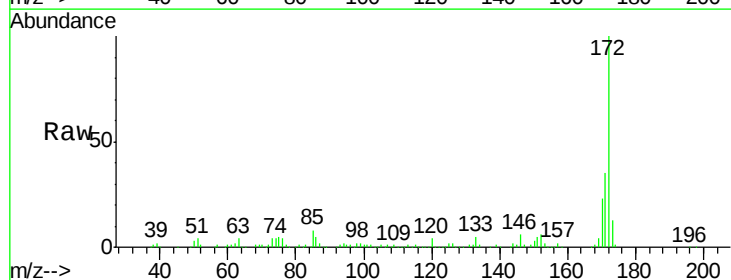


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

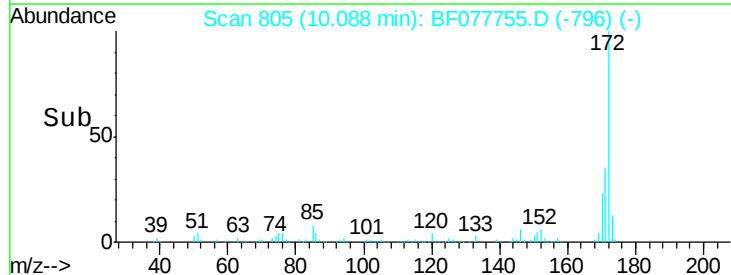
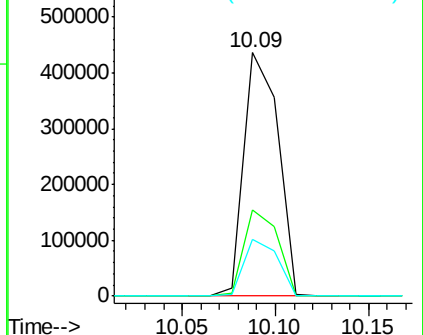


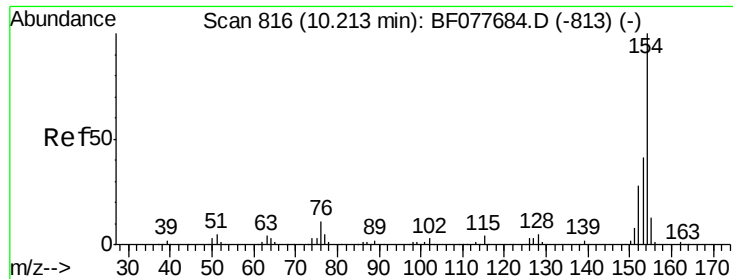
#44
 2-Fluorobiphenyl
 Concen: 64.88 ng
 RT: 10.09 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF077755.D
 Acq: 16 Mar 2015 16:20

Tgt Ion:172 Resp: 555155
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.5 42.7
 170 23.4 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

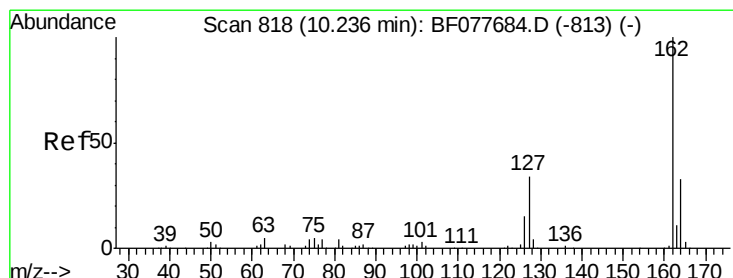
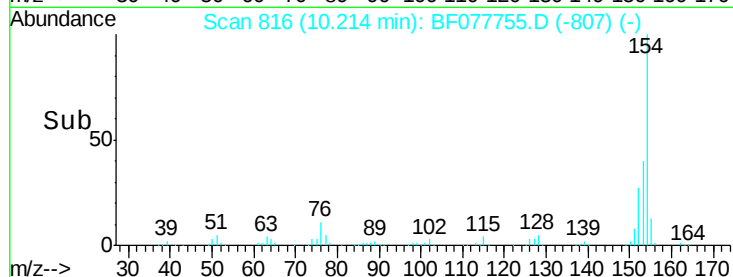
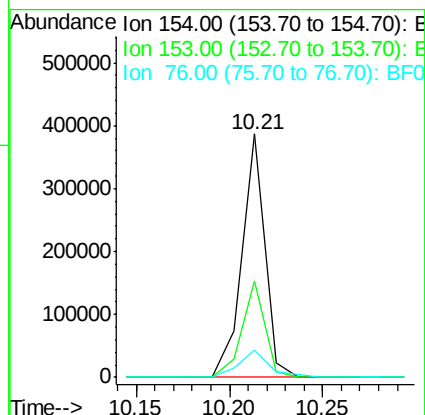
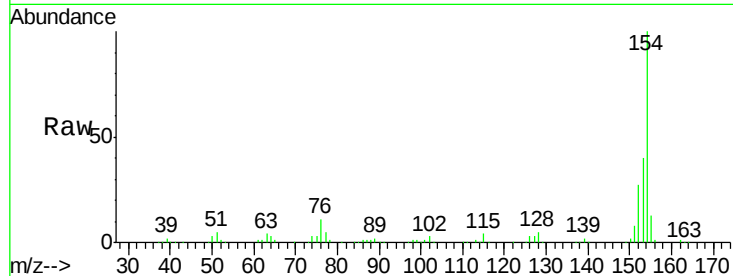




#45
 1,1'-Biphenyl
 Concen: 33.12 ng
 RT: 10.21 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF077755.D
 Acq: 16 Mar 2015 16:20

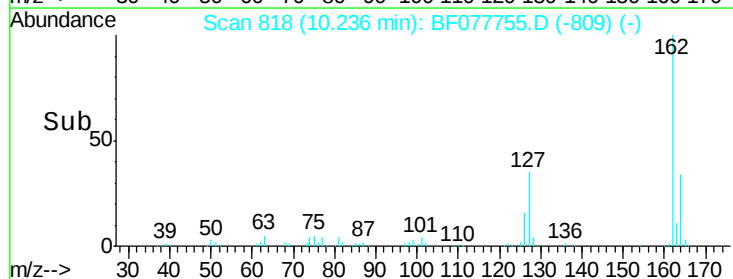
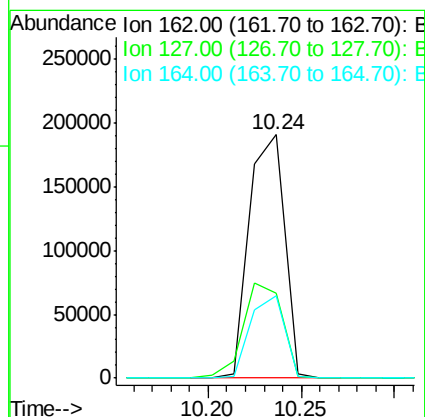
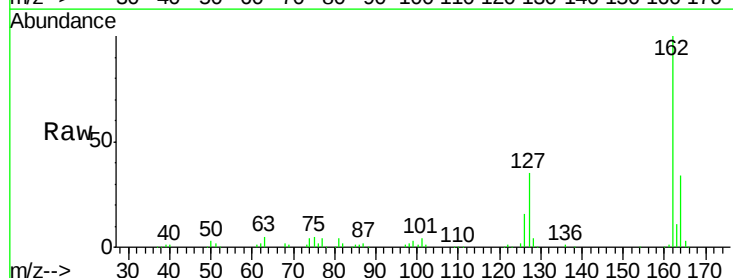
Instrument :
 BNA_F
 ClientSampleId :
 PB82120BSD

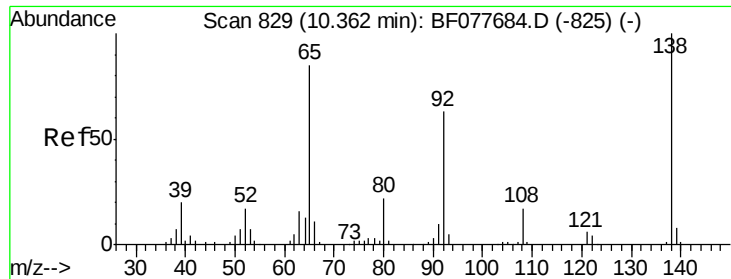
Tgt Ion:154 Resp: 332912
 Ion Ratio Lower Upper
 154 100
 153 39.7 20.7 60.7
 76 11.5 0.0 30.9



#46
 2-Chloronaphthalene
 Concen: 30.75 ng
 RT: 10.24 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF077755.D
 Acq: 16 Mar 2015 16:20

Tgt Ion:162 Resp: 251197
 Ion Ratio Lower Upper
 162 100
 127 34.7 26.9 40.3
 164 33.7 26.8 40.2

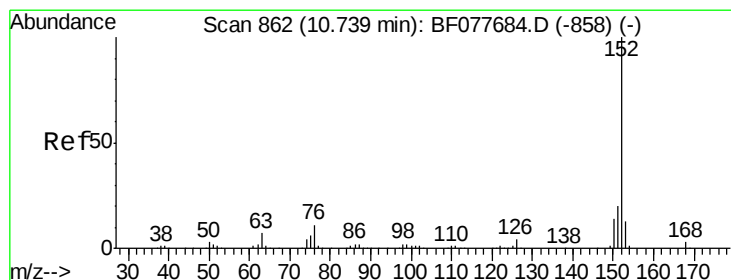
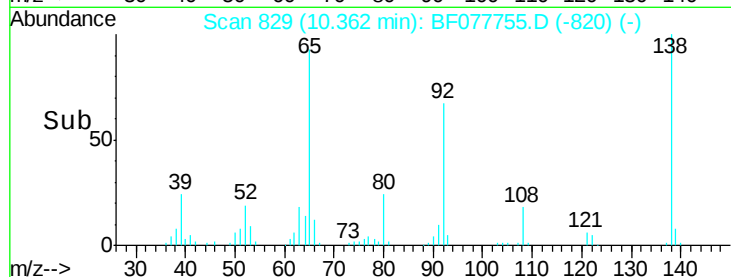
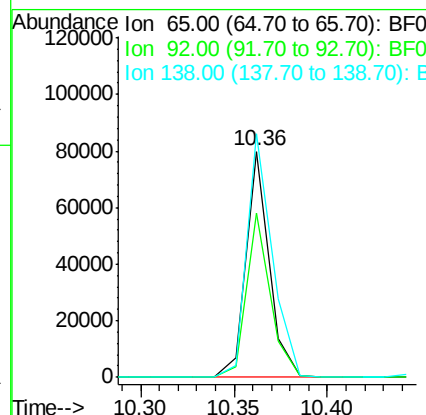
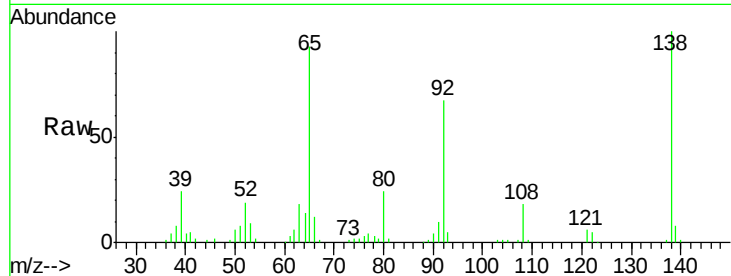




#47
 2-Nitroaniline
 Concen: 34.21 ng
 RT: 10.36 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF077755.D
 Acq: 16 Mar 2015 16:20

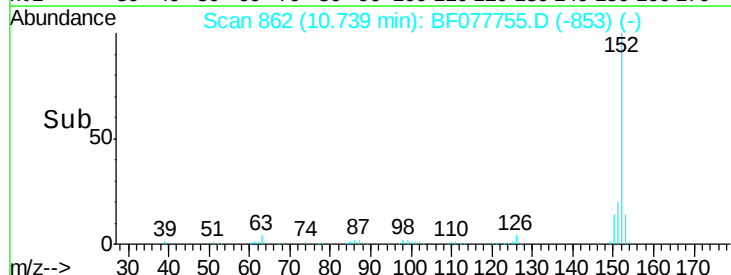
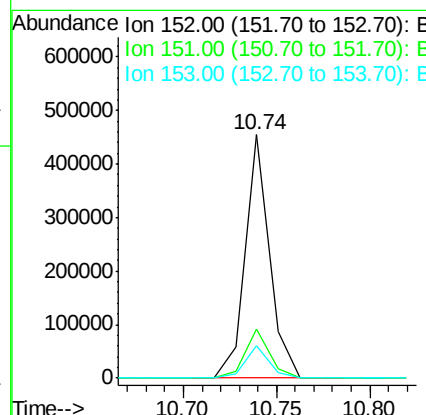
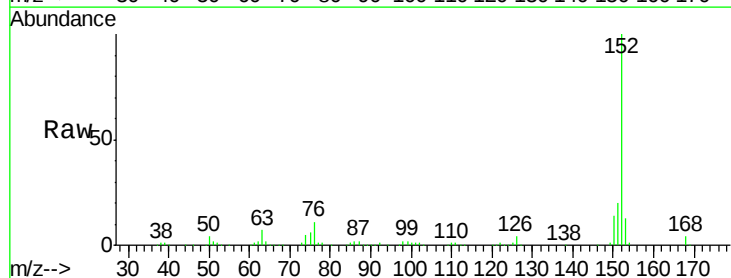
Instrument :
 BNA_F
 ClientSampleId :
 PB82120BSD

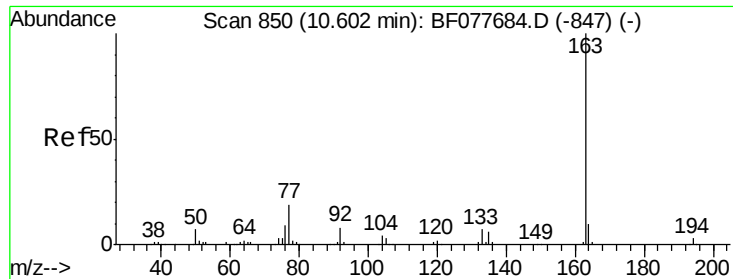
Tgt Ion:	65	Resp:	69407
Ion Ratio	Lower	Upper	
65	100		
92	72.7	59.1	88.7
138	107.9	93.9	140.9



#48
 Acenaphthylene
 Concen: 30.38 ng
 RT: 10.74 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: BF077755.D
 Acq: 16 Mar 2015 16:20

Tgt Ion:	152	Resp:	412684
Ion Ratio	Lower	Upper	
152	100		
151	20.1	15.9	23.9
153	13.5	10.6	16.0

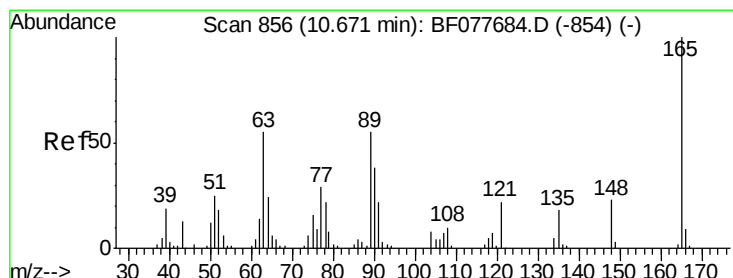
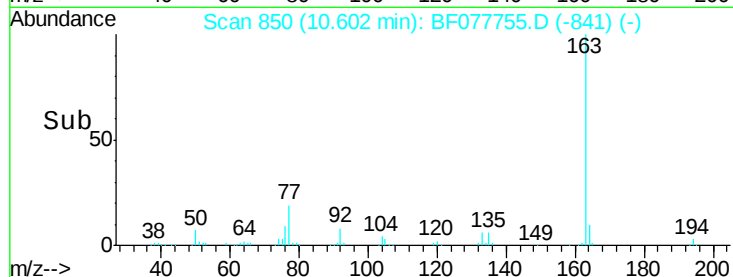
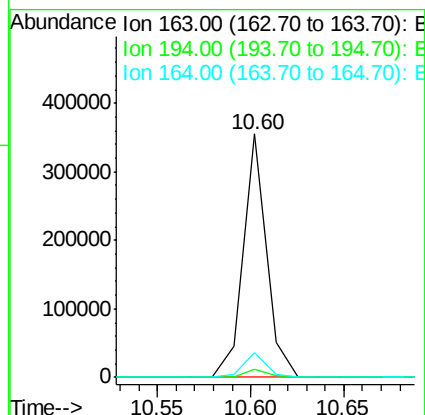
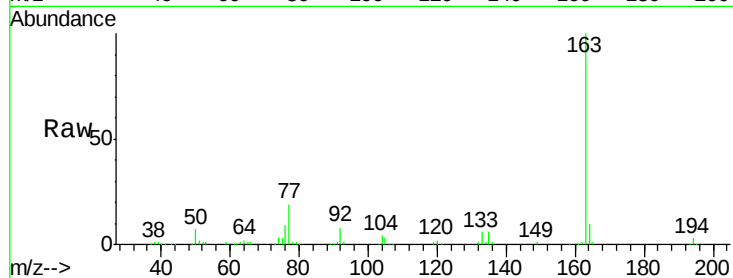




#49
Dimethylphthalate
Concen: 33.25 ng
RT: 10.60 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF077755.D
Acq: 16 Mar 2015 16:20

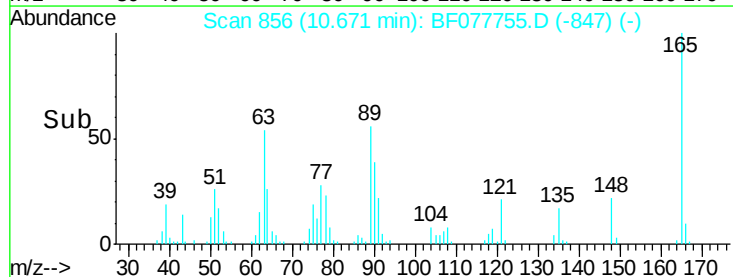
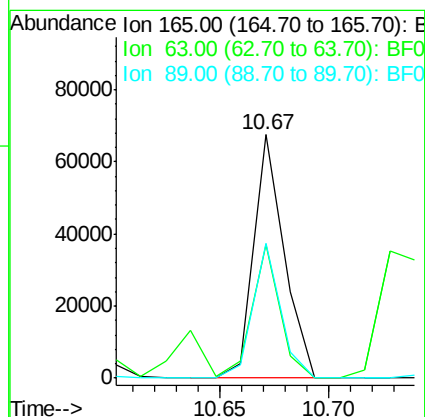
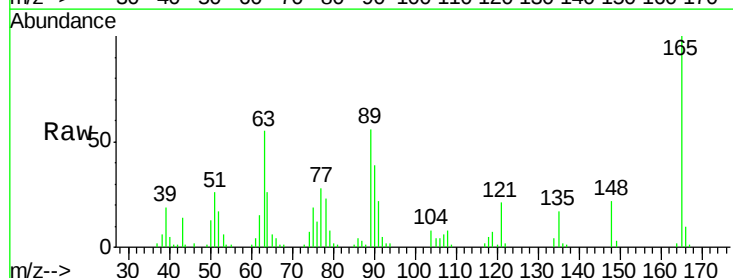
Instrument :
BNA_F
ClientSampleId :
PB82120BSD

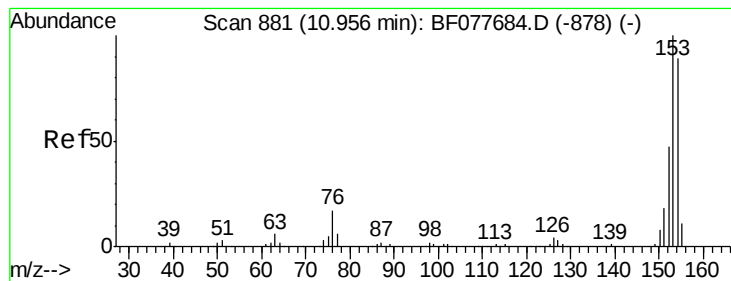
Tgt Ion:163 Resp: 310078
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.1 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 33.88 ng
RT: 10.67 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF077755.D
Acq: 16 Mar 2015 16:20

Tgt Ion:165 Resp: 65496
Ion Ratio Lower Upper
165 100
63 54.6 44.1 66.1
89 55.5 44.3 66.5





#51

Acenaphthene

Concen: 31.30 ng

RT: 10.96 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF077755.D

Acq: 16 Mar 2015 16:20

Instrument :

BNA_F

ClientSampleId :

PB82120BSD

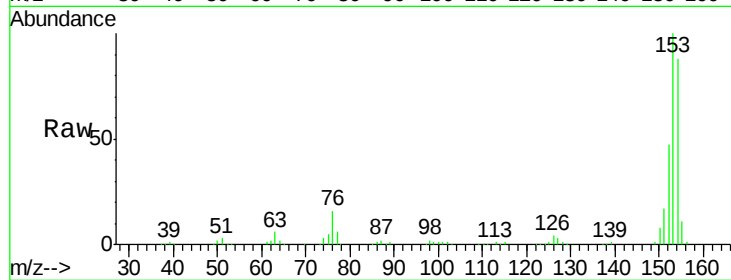
Tgt Ion:154 Resp: 243778

Ion Ratio Lower Upper

154 100

153 113.7 90.0 135.0

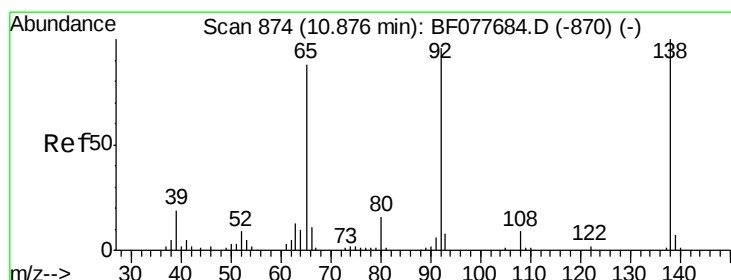
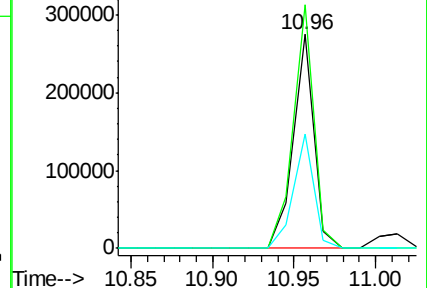
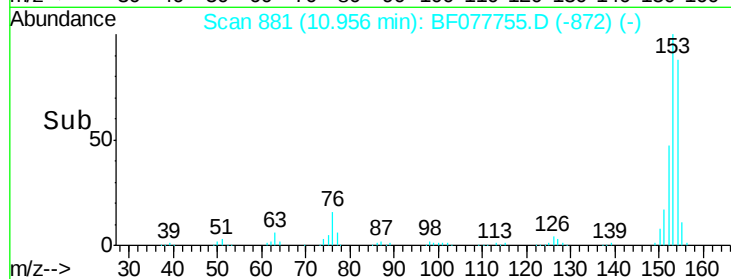
152 53.6 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.57 ng

RT: 10.88 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF077755.D

Acq: 16 Mar 2015 16:20

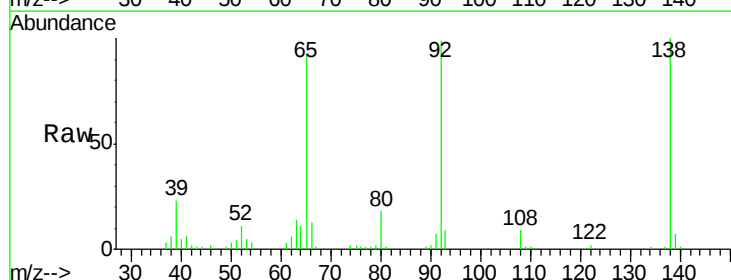
Tgt Ion:138 Resp: 55174

Ion Ratio Lower Upper

138 100

108 8.9 7.3 10.9

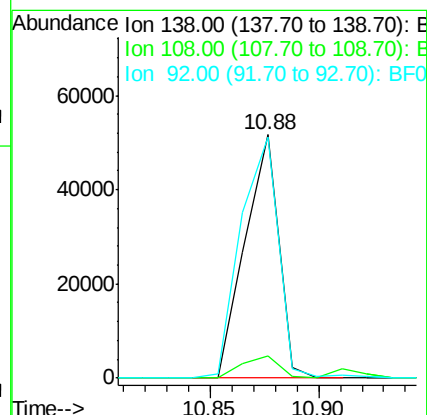
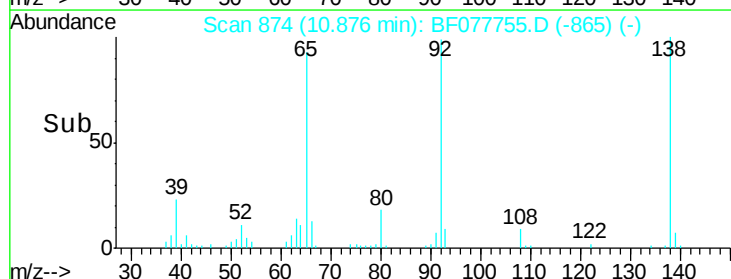
92 99.2 76.6 114.8

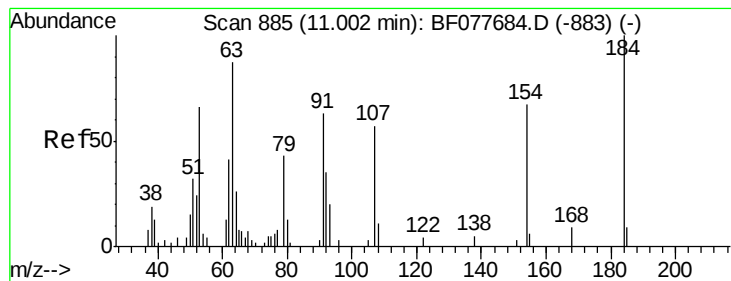


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 59.69 ng

RT: 11.01 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF077755.D

Acq: 16 Mar 2015 16:20

Instrument :

BNA_F

ClientSampleId :

PB82120BSD

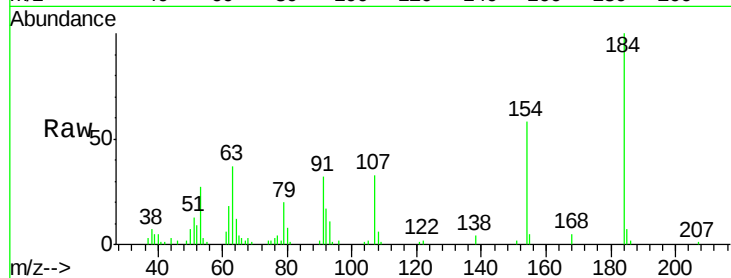
Tgt Ion:184 Resp: 40779

Ion Ratio Lower Upper

184 100

63 37.2 69.2 103.8#

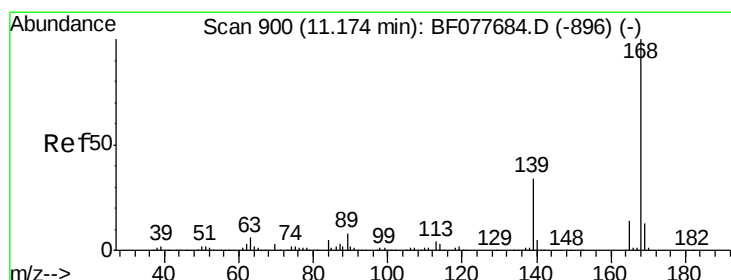
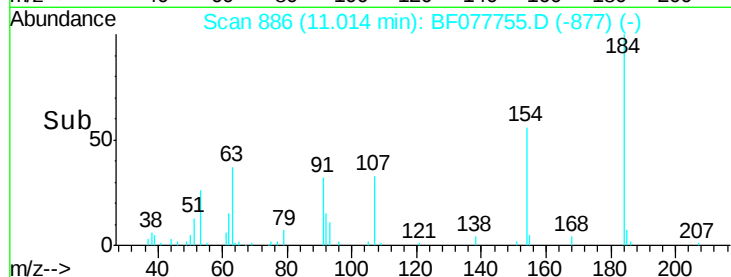
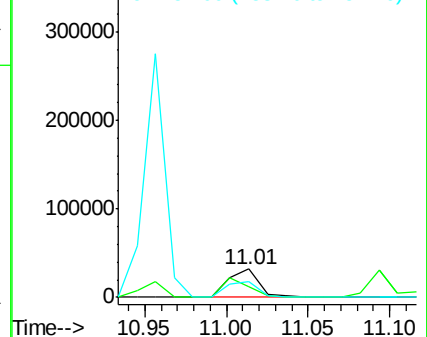
154 57.5 53.3 79.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 32.74 ng

RT: 11.17 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF077755.D

Acq: 16 Mar 2015 16:20

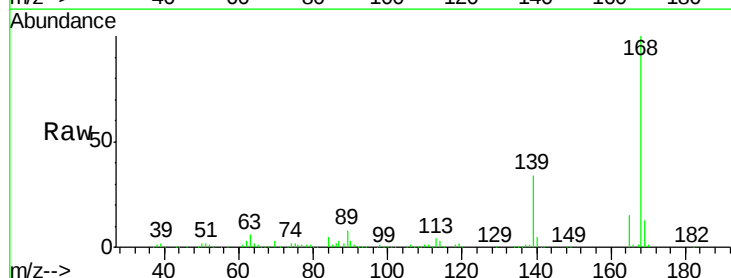
Tgt Ion:168 Resp: 378203

Ion Ratio Lower Upper

168 100

139 34.2 27.3 40.9

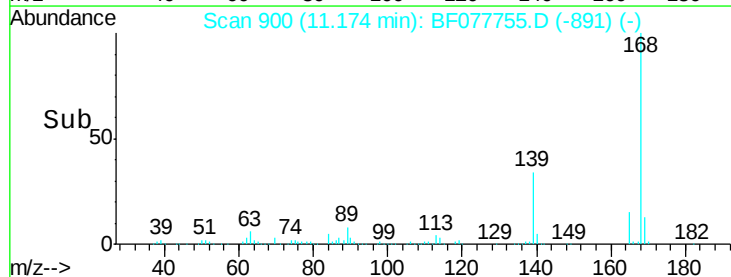
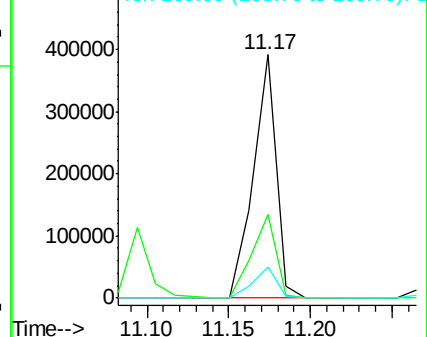
169 13.0 10.6 16.0

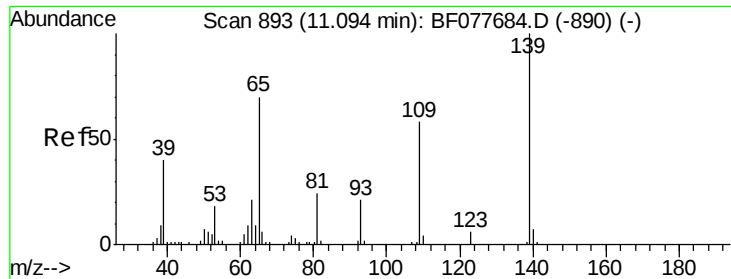


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

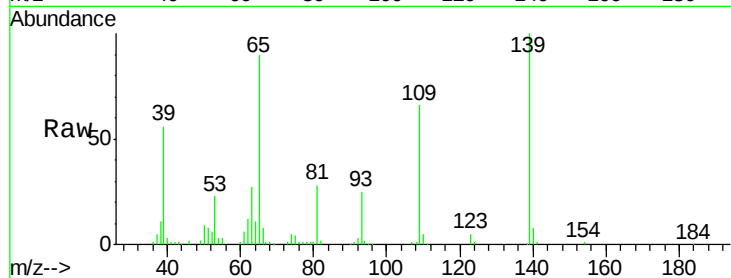




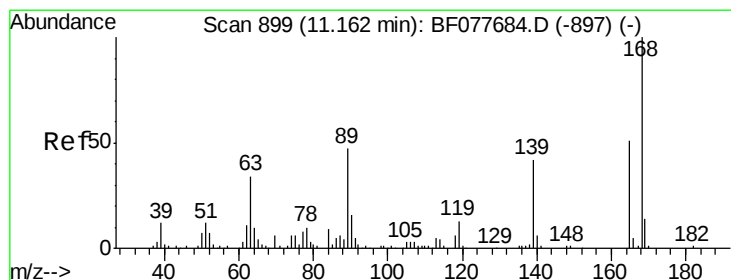
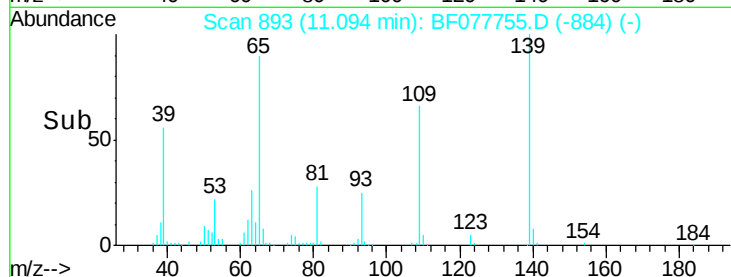
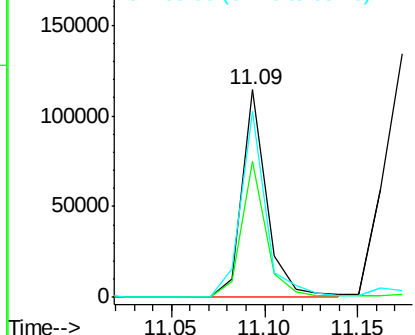
#55
4-Nitrophenol
Concen: 64.00 ng
RT: 11.09 min Scan# 893
Delta R.T. 0.00 min
Lab File: BF077755.D
Acq: 16 Mar 2015 16:20

Instrument :
BNA_F
ClientSampleId :
PB82120BSD

Tgt Ion:139 Resp: 106445
Ion Ratio Lower Upper
139 100
109 65.7 37.7 77.7
65 89.5 49.9 89.9

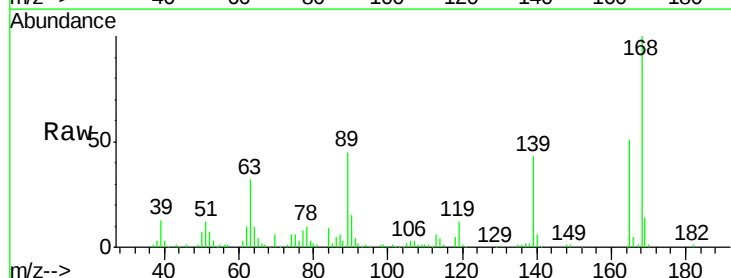


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

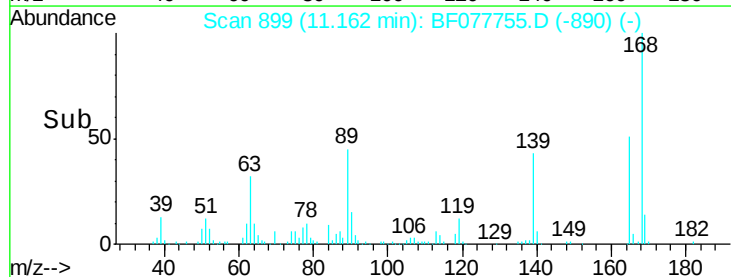
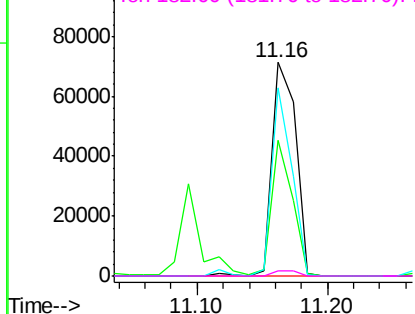


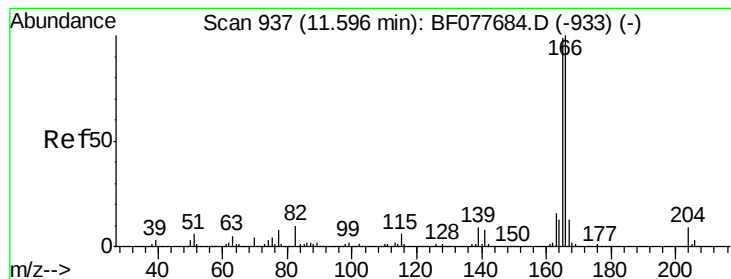
#56
2,4-Dinitrotoluene
Concen: 36.11 ng
RT: 11.16 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF077755.D
Acq: 16 Mar 2015 16:20

Tgt Ion:165 Resp: 91042
Ion Ratio Lower Upper
165 100
63 63.4 52.4 78.6
89 88.0 72.4 108.6
182 2.2 2.0 3.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 31.94 ng

RT: 11.60 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF077755.D

Acq: 16 Mar 2015 16:20

Instrument :

BNA_F

ClientSampleId :

PB82120BSD

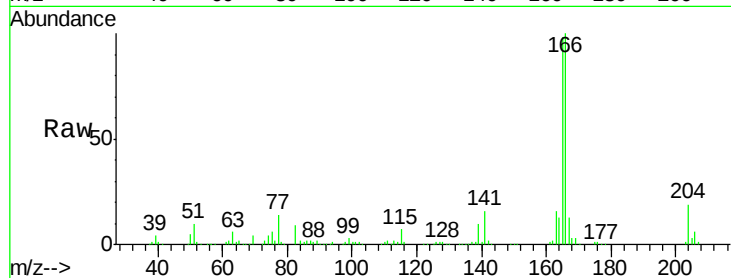
Tgt Ion:166 Resp: 306331

Ion Ratio Lower Upper

166 100

165 97.8 79.0 118.4

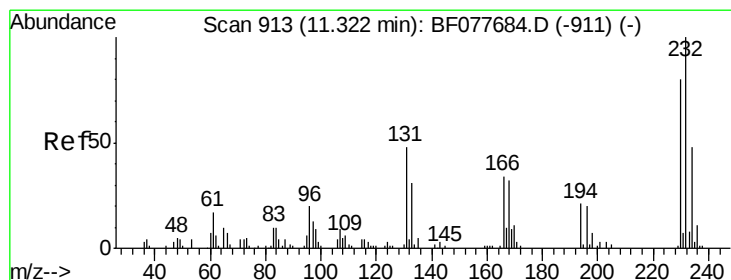
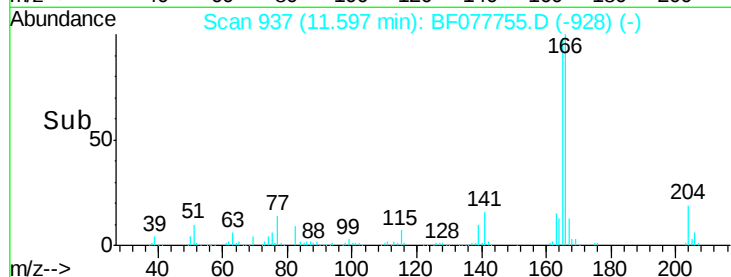
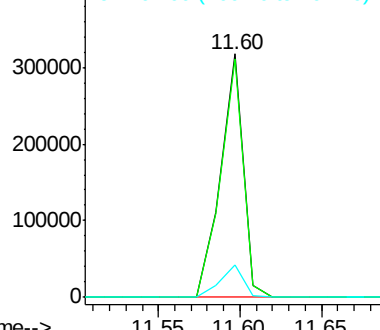
167 13.4 10.3 15.5



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: 32.93 ng

RT: 11.32 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF077755.D

Acq: 16 Mar 2015 16:20

Tgt Ion:232 Resp: 71179

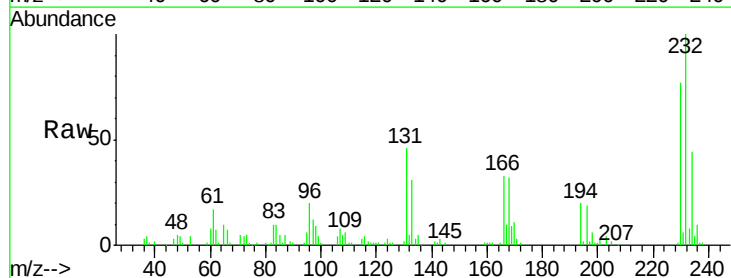
Ion Ratio Lower Upper

232 100

131 43.5 0.0 0.0#

130 1.9 0.0 0.0#

166 32.3 0.0 0.0#

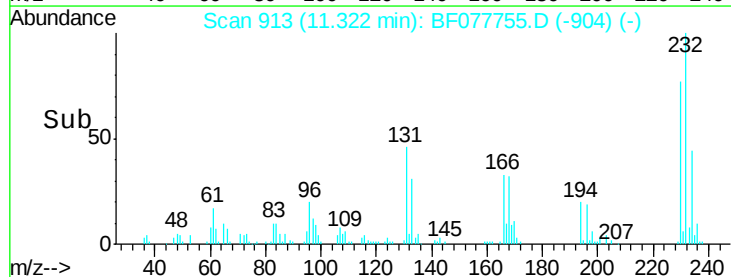
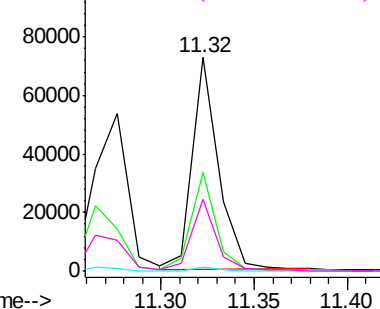


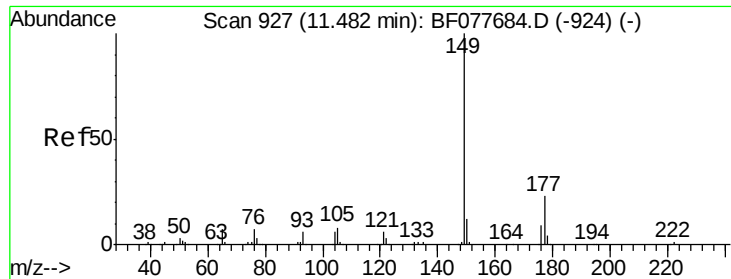
Abundance Ion 232.00 (231.70 to 232.70): E

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

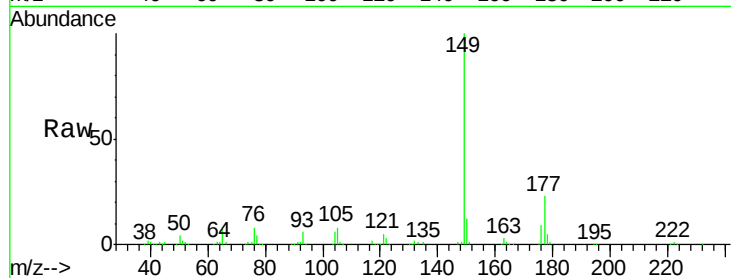




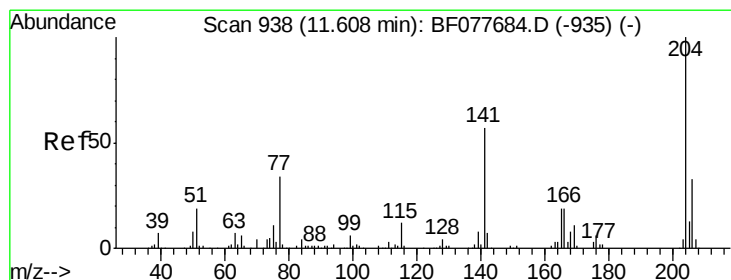
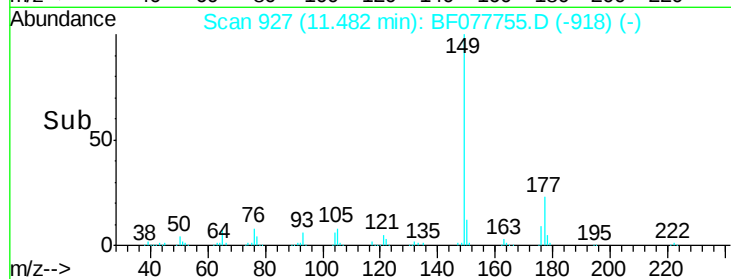
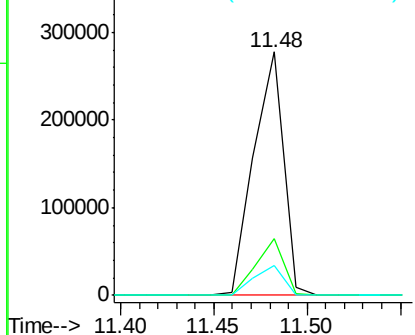
#59
Diethylphthalate
Concen: 33.72 ng
RT: 11.48 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF077755.D
Acq: 16 Mar 2015 16:20

Instrument :
BNA_F
ClientSampleId :
PB82120BSD

Tgt Ion:149 Resp: 306396
Ion Ratio Lower Upper
149 100
177 23.3 18.3 27.5
150 12.2 9.8 14.8

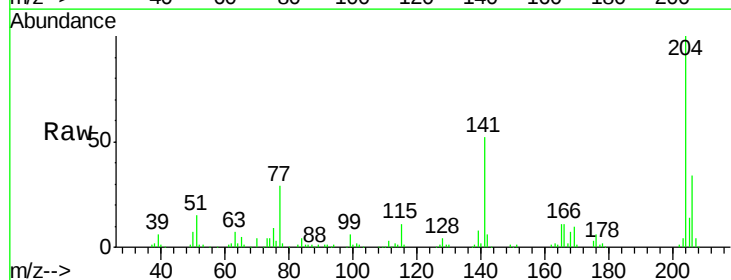


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

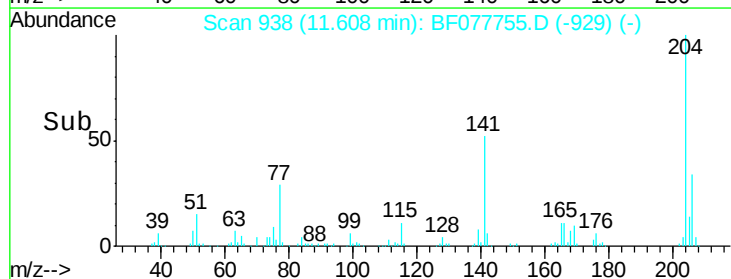
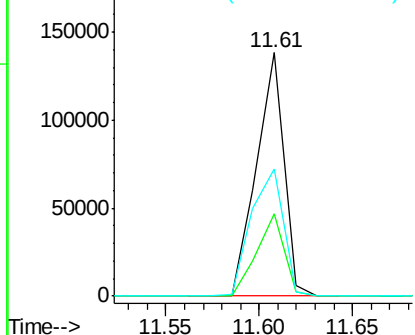


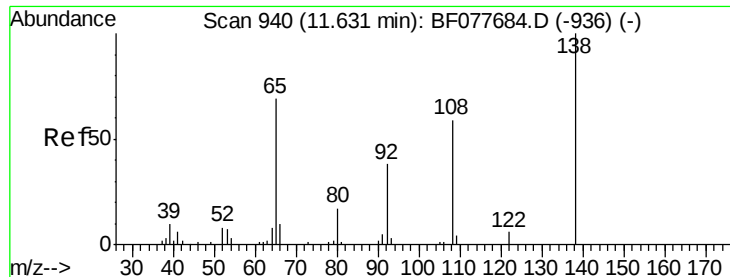
#60
4-Chlorophenyl-phenylether
Concen: 32.15 ng
RT: 11.61 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF077755.D
Acq: 16 Mar 2015 16:20

Tgt Ion:204 Resp: 140719
Ion Ratio Lower Upper
204 100
206 33.6 26.6 39.8
141 52.3 45.2 67.8



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

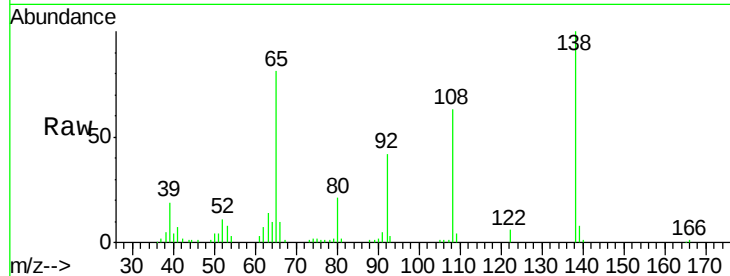




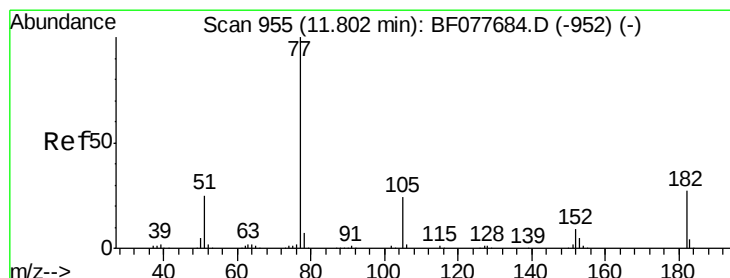
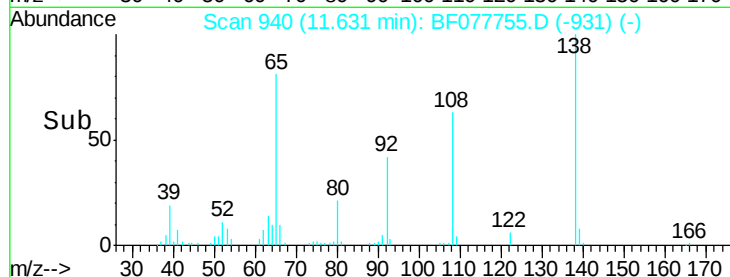
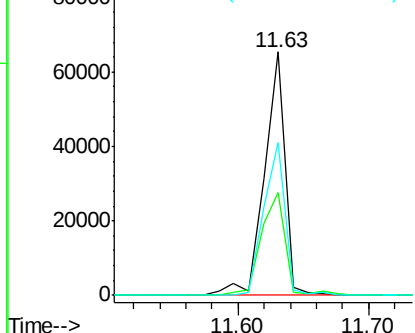
#61
4-Nitroaniline
Concen: 32.53 ng
RT: 11.63 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF077755.D
Acq: 16 Mar 2015 16:20

Instrument :
BNA_F
ClientSampleId :
PB82120BSD

Tgt Ion:138 Resp: 72788
Ion Ratio Lower Upper
138 100
92 42.4 16.7 56.7
108 62.8 37.6 77.6

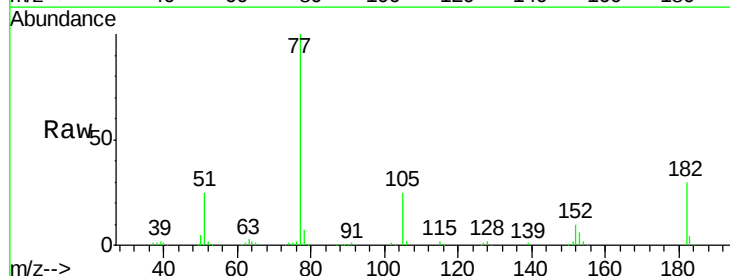


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

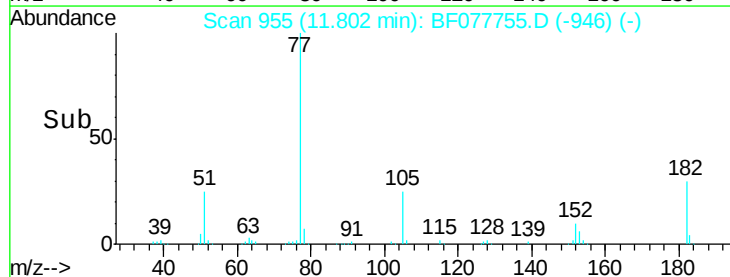
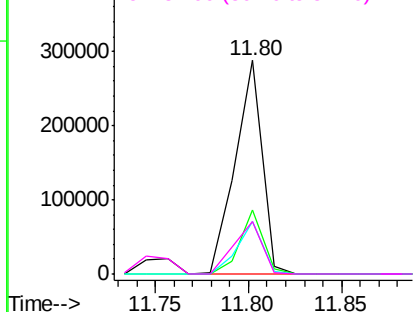


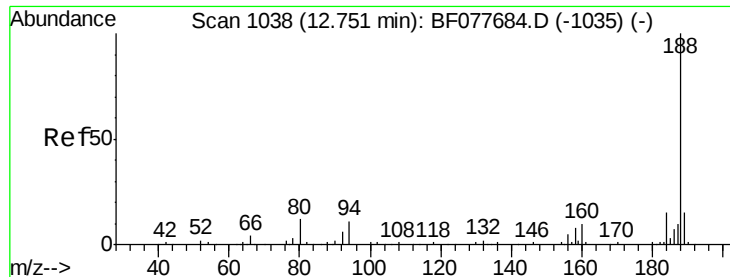
#62
Azobenzene
Concen: 33.72 ng
RT: 11.80 min Scan# 955
Delta R.T. 0.00 min
Lab File: BF077755.D
Acq: 16 Mar 2015 16:20

Tgt Ion: 77 Resp: 292884
Ion Ratio Lower Upper
77 100
182 29.8 6.5 46.5
105 24.6 3.8 43.8
51 24.8 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

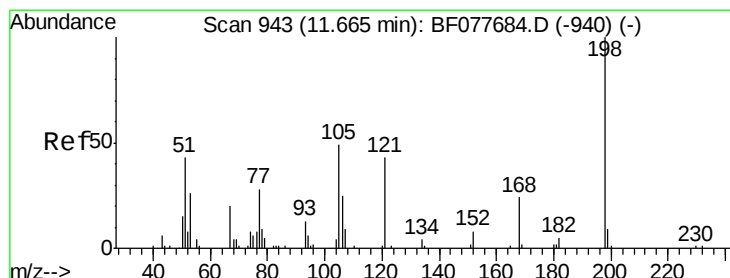
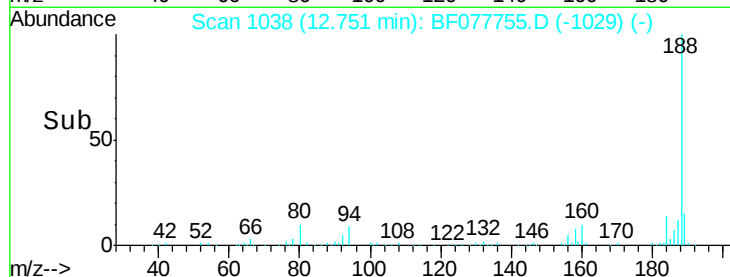
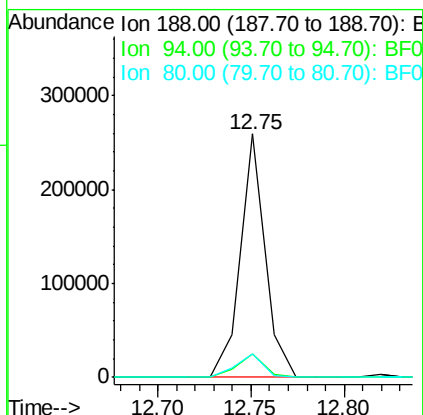
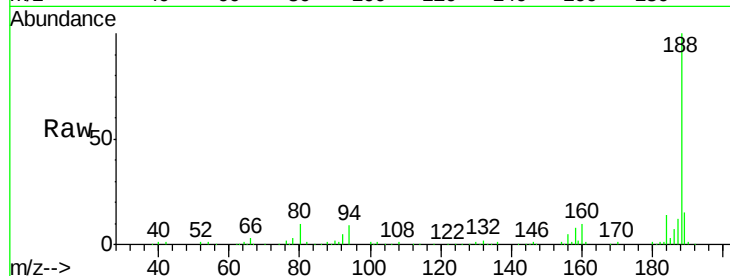




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.75 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF077755.D
Acq: 16 Mar 2015 16:20

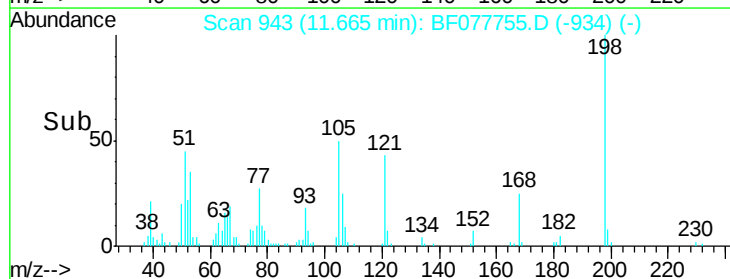
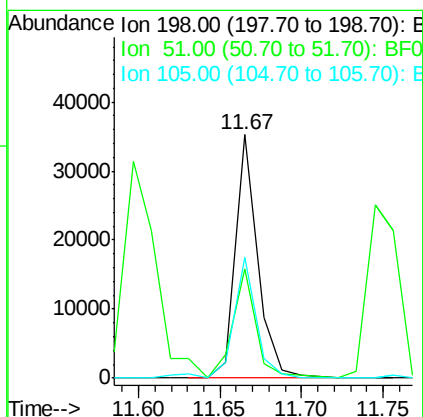
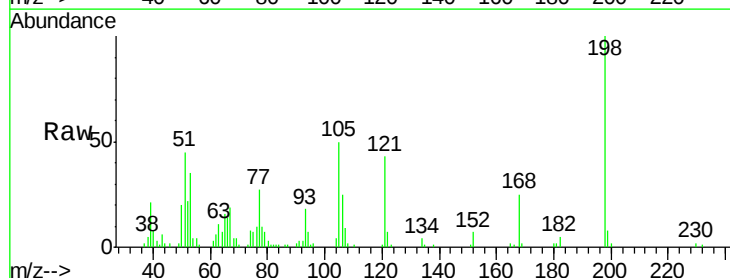
Instrument :
BNA_F
ClientSampleId :
PB82120BSD

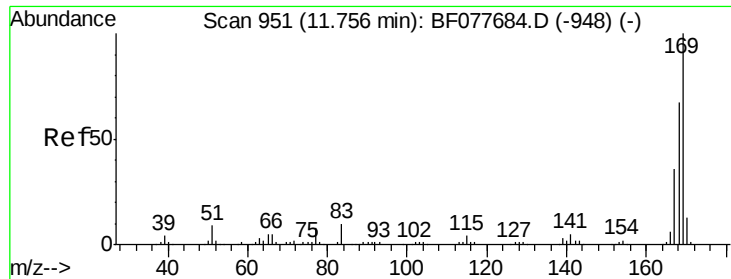
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	240889		
94	9.5		8.7	13.1
80	9.7		9.3	13.9



#64
4,6-Dinitro-2-methylphenol
Concen: 30.87 ng
RT: 11.67 min Scan# 943
Delta R.T. 0.00 min
Lab File: BF077755.D
Acq: 16 Mar 2015 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	33190		
51	45.0		28.8	68.8
105	49.6		30.5	70.5

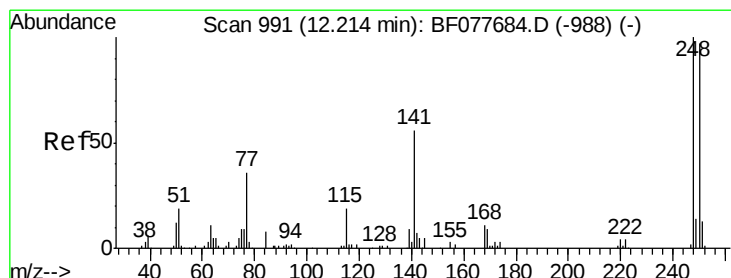
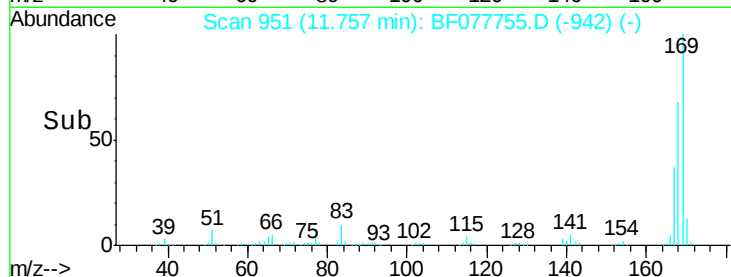
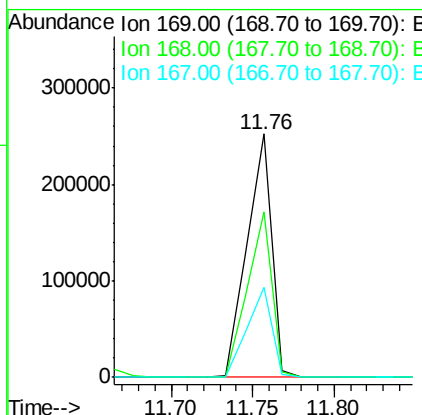
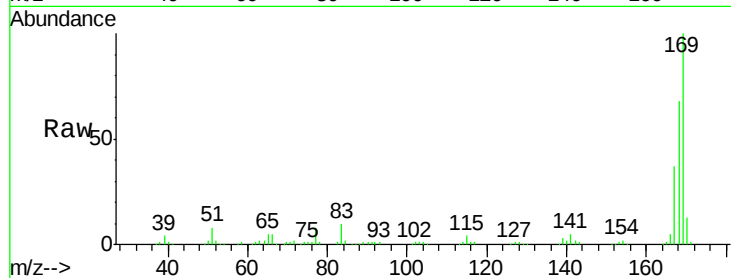




#65
n-Nitrosodiphenylamine
Concen: 32.96 ng
RT: 11.76 min Scan# 951
Delta R.T. 0.00 min
Lab File: BF077755.D
Acq: 16 Mar 2015 16:20

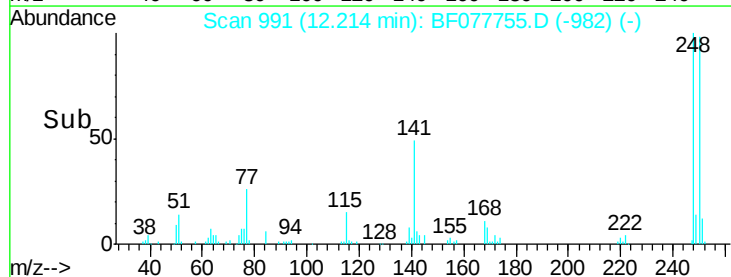
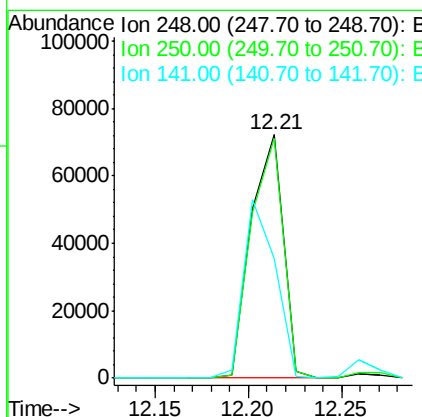
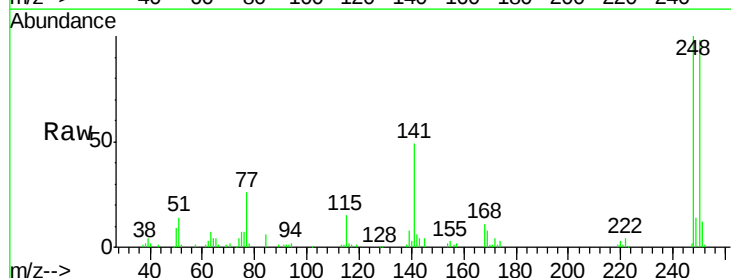
Instrument :
BNA_F
ClientSampleId :
PB82120BSD

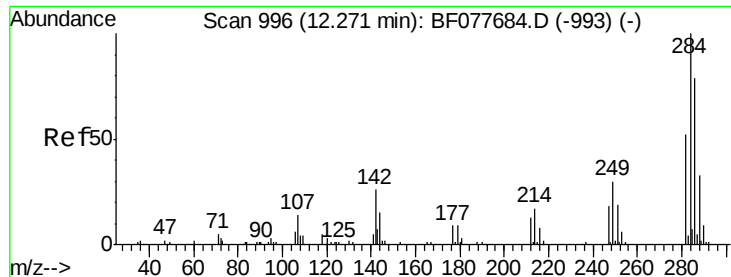
Tgt Ion:169 Resp: 264369
Ion Ratio Lower Upper
169 100
168 68.2 53.9 80.9
167 36.8 28.9 43.3



#66
4-Bromophenyl-phenylether
Concen: 33.43 ng
RT: 12.21 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF077755.D
Acq: 16 Mar 2015 16:20

Tgt Ion:248 Resp: 85934
Ion Ratio Lower Upper
248 100
250 98.3 77.4 116.0
141 48.9 45.2 67.8

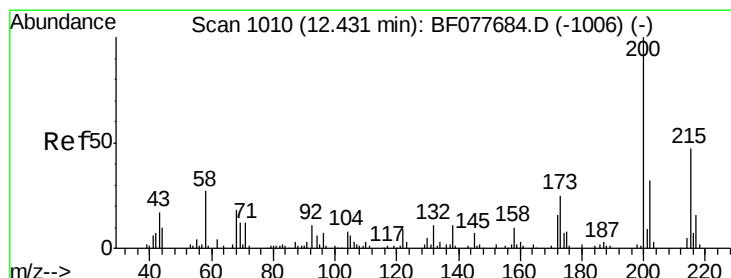
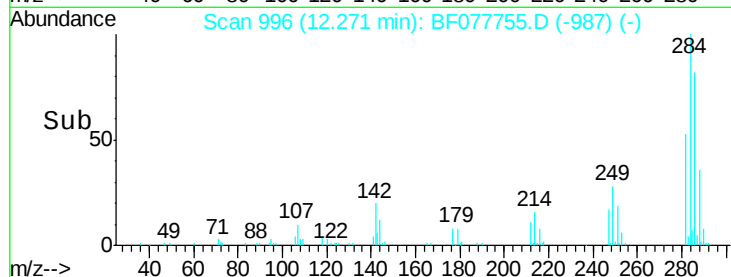
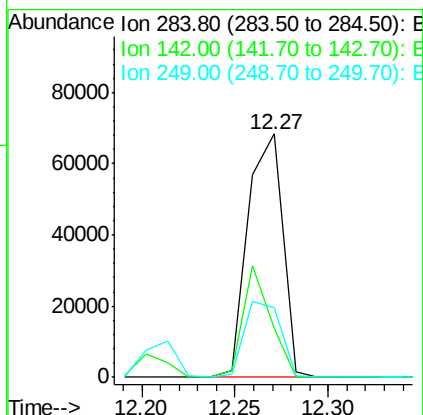
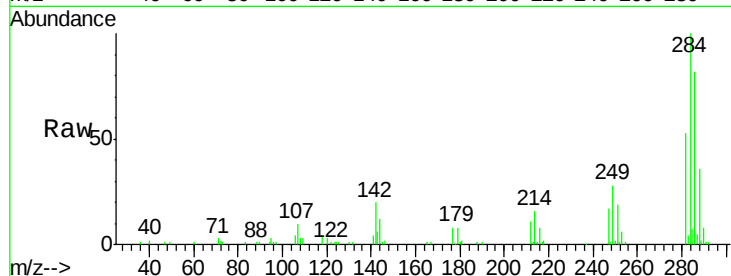




#67
Hexachlorobenzene
Concen: 31.25 ng
RT: 12.27 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF077755.D
Acq: 16 Mar 2015 16:20

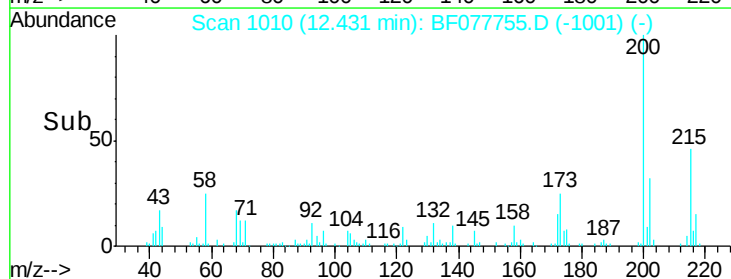
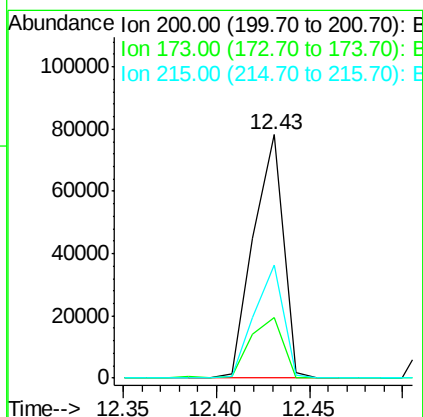
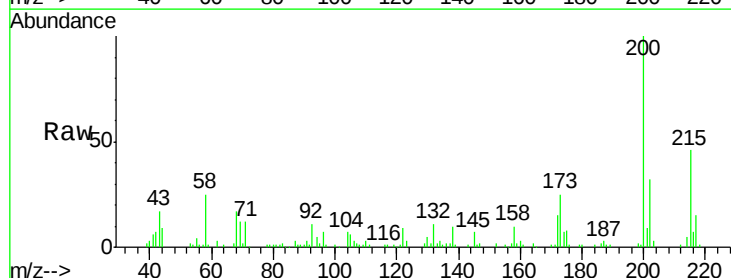
Instrument :
BNA_F
ClientSampleId :
PB82120BSD

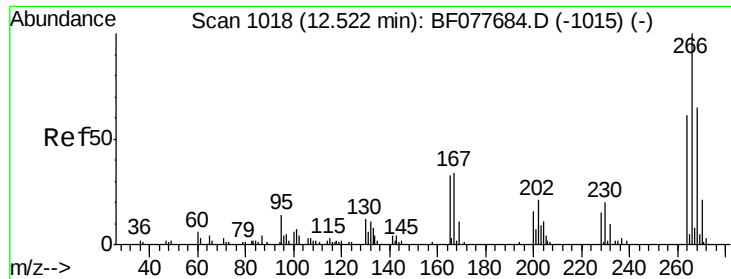
Tgt Ion:284 Resp: 88271
Ion Ratio Lower Upper
284 100
142 20.3 20.4 30.6#
249 28.4 23.8 35.6



#68
Atrazine
Concen: 38.46 ng
RT: 12.43 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF077755.D
Acq: 16 Mar 2015 16:20

Tgt Ion:200 Resp: 86442
Ion Ratio Lower Upper
200 100
173 25.1 4.8 44.8
215 46.3 26.9 66.9

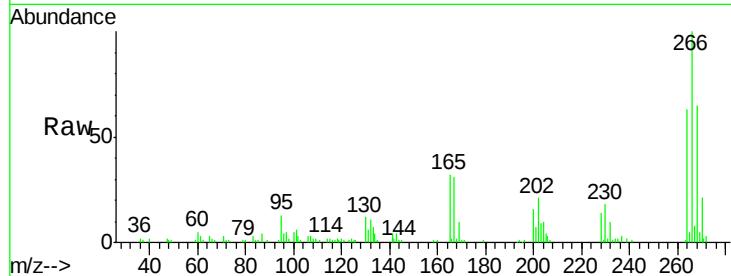




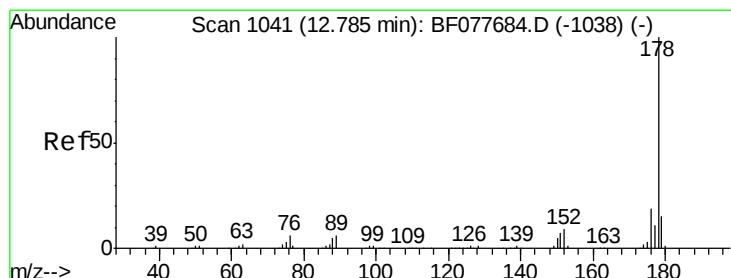
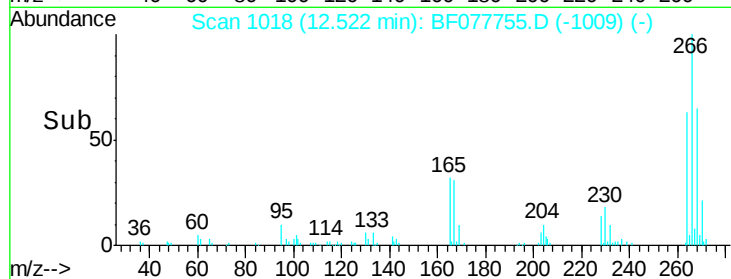
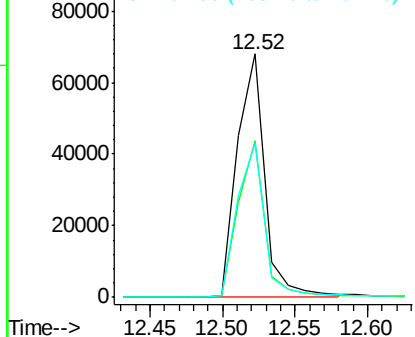
#69
 Pentachlorophenol
 Concen: 61.59 ng
 RT: 12.52 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF077755.D
 Acq: 16 Mar 2015 16:20

Instrument :
 BNA_F
 ClientSampleId :
 PB82120BSD

Tgt Ion:266 Resp: 90035
 Ion Ratio Lower Upper
 266 100
 268 64.6 52.0 78.0
 264 63.2 49.0 73.4

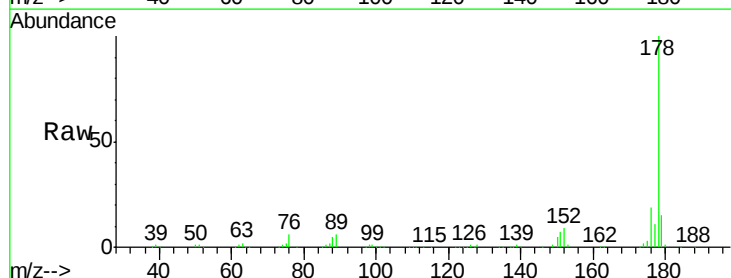


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

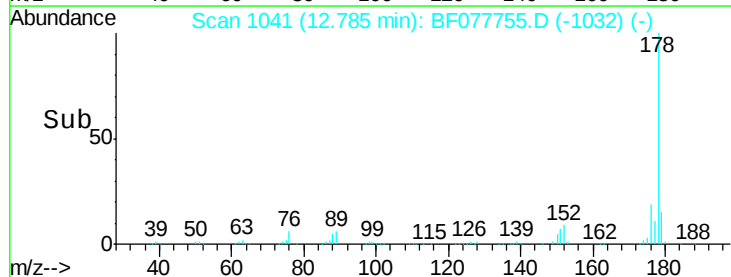
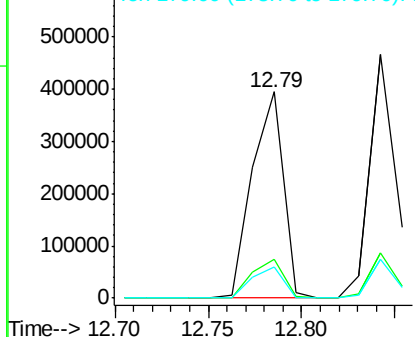


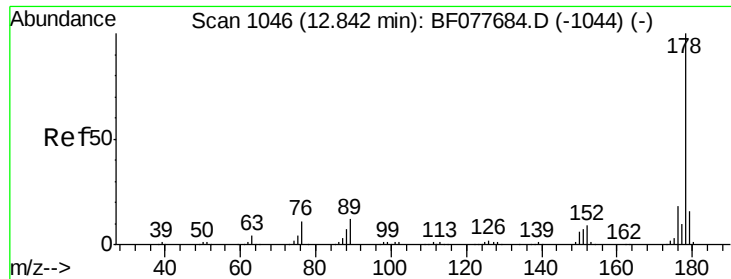
#70
 Phenanthrene
 Concen: 32.85 ng
 RT: 12.79 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF077755.D
 Acq: 16 Mar 2015 16:20

Tgt Ion:178 Resp: 454243
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.2 22.8
 179 15.0 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

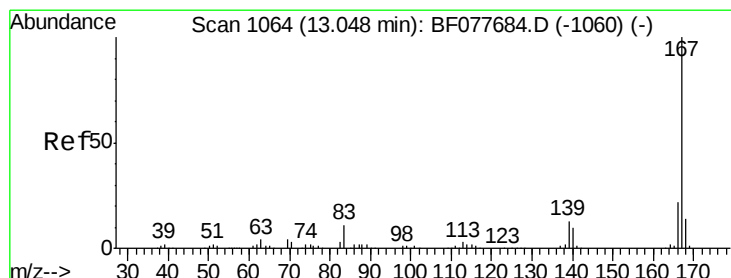
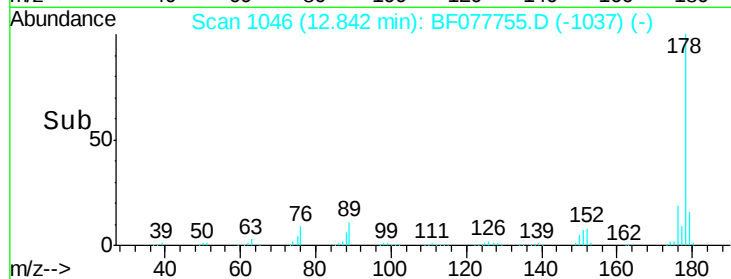
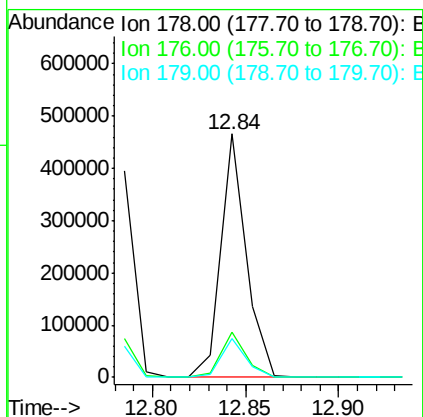
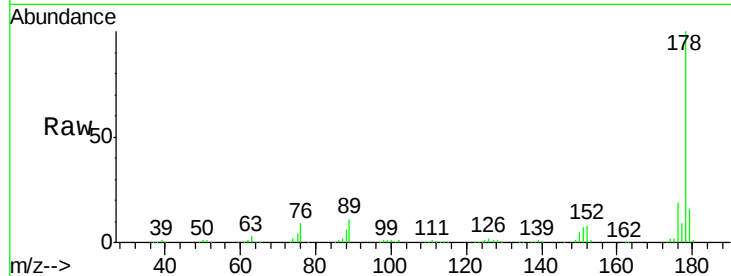




#71
 Anthracene
 Concen: 32.34 ng
 RT: 12.84 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BF077755.D
 Acq: 16 Mar 2015 16:20

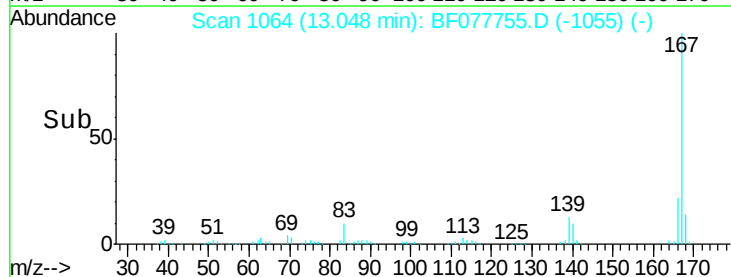
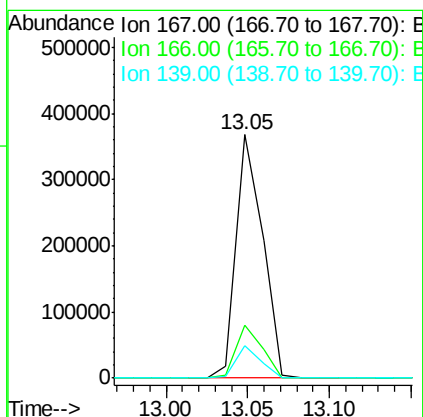
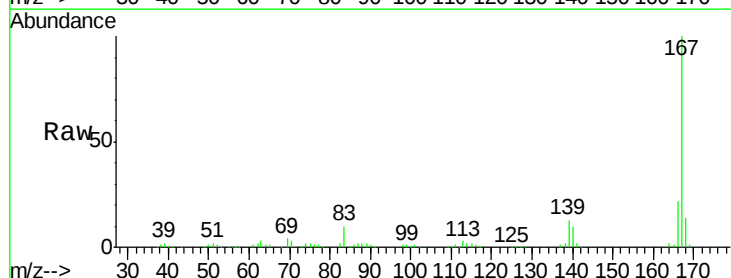
Instrument :
 BNA_F
 ClientSampleId :
 PB82120BSD

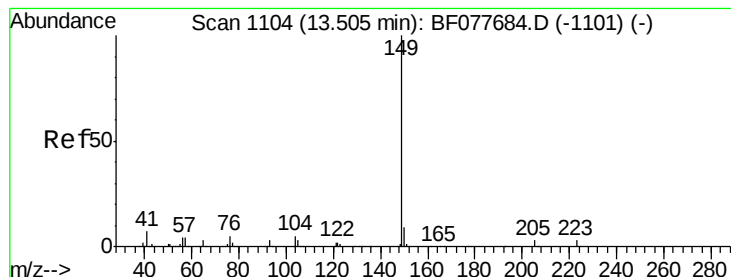
Tgt Ion:178 Resp: 441798
 Ion Ratio Lower Upper
 178 100
 176 18.7 14.6 22.0
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 31.72 ng
 RT: 13.05 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BF077755.D
 Acq: 16 Mar 2015 16:20

Tgt Ion:167 Resp: 412297
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.2 25.8
 139 13.4 10.8 16.2





#73

Di-n-butylphthalate

Concen: 34.25 ng

RT: 13.51 min Scan# 1104

Delta R.T. 0.00 min

Lab File: BF077755.D

Acq: 16 Mar 2015 16:20

Instrument :

BNA_F

ClientSampleId :

PB82120BSD

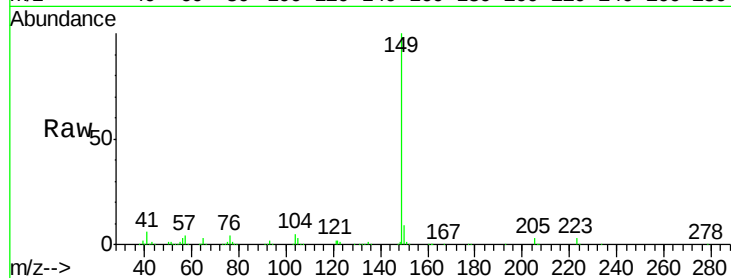
Tgt Ion:149 Resp: 499137

Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

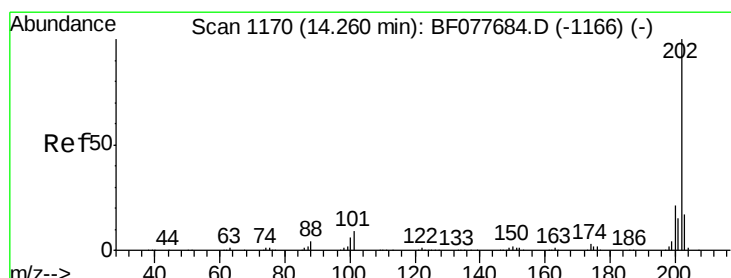
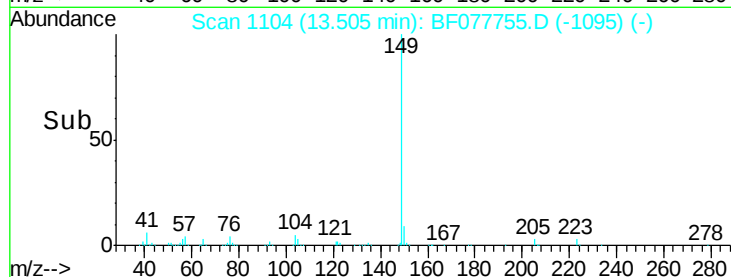
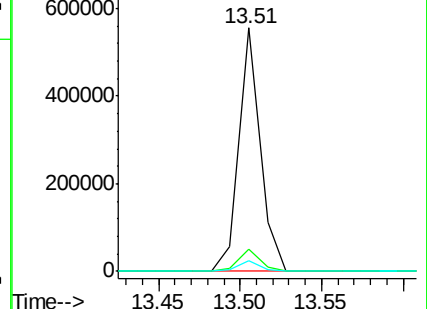
104 4.6 3.7 5.5



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: 31.51 ng

RT: 14.25 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF077755.D

Acq: 16 Mar 2015 16:20

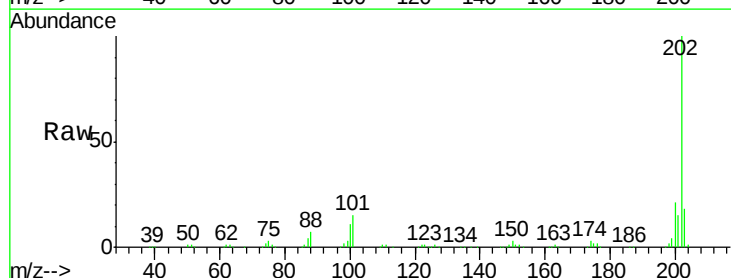
Tgt Ion:202 Resp: 480658

Ion Ratio Lower Upper

202 100

101 14.5 0.0 28.7

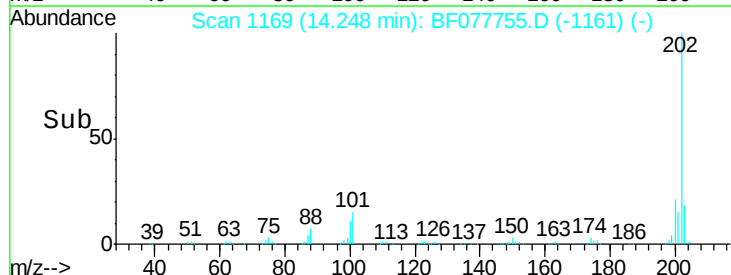
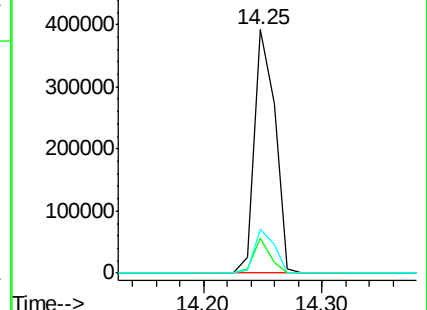
203 18.3 0.0 37.2

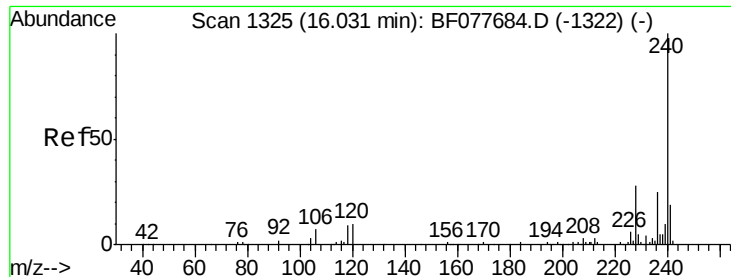


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

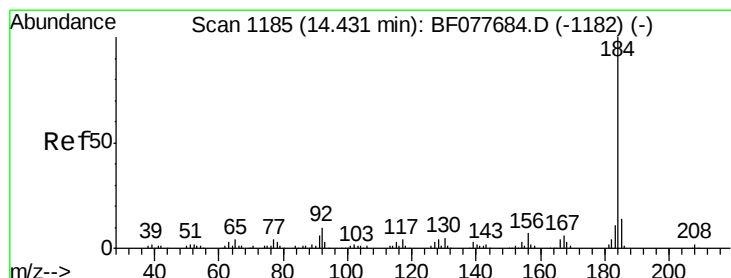
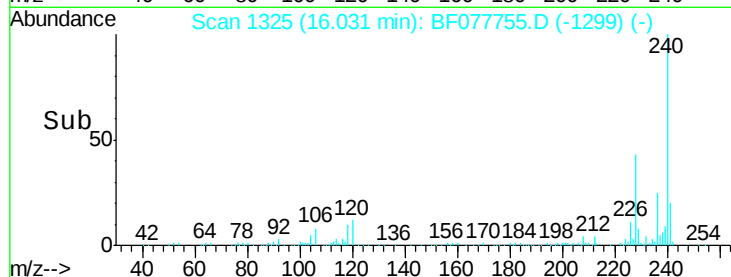
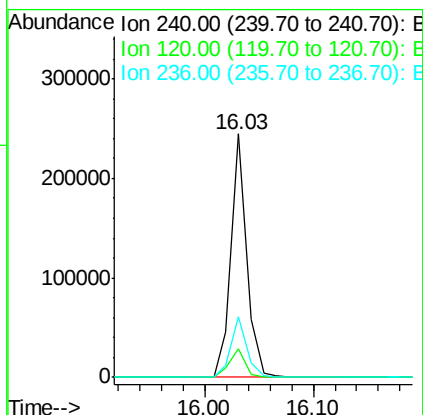
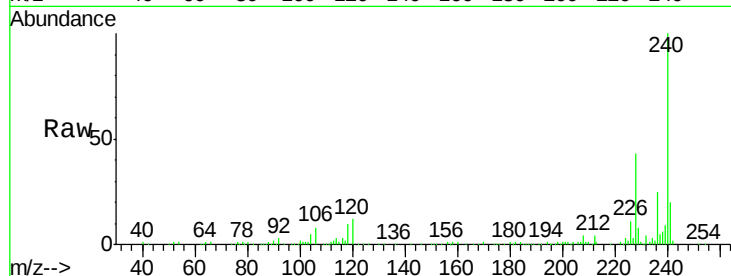




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.03 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF077755.D
Acq: 16 Mar 2015 16:20

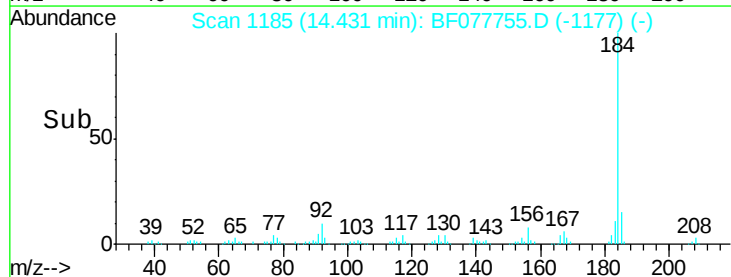
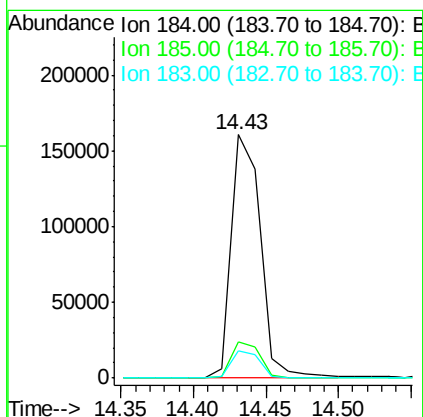
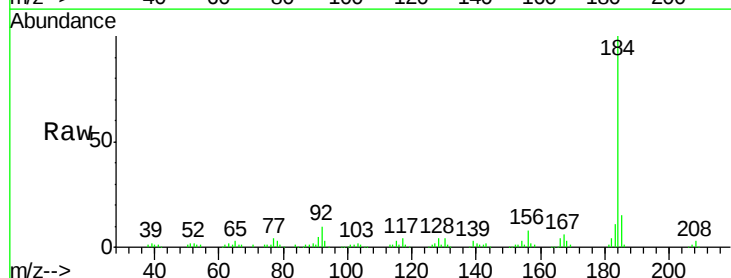
Instrument :
BNA_F
ClientSampleId :
PB82120BSD

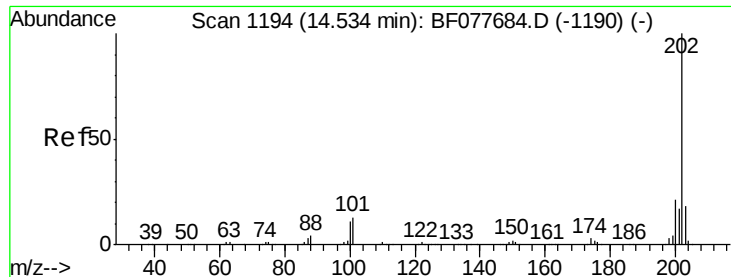
Tgt Ion:240 Resp: 244874
Ion Ratio Lower Upper
240 100
120 12.0 8.2 12.2
236 24.8 20.0 30.0



#76
Benzidine
Concen: 37.08 ng
RT: 14.43 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF077755.D
Acq: 16 Mar 2015 16:20

Tgt Ion:184 Resp: 224825
Ion Ratio Lower Upper
184 100
185 14.8 11.3 16.9
183 11.2 8.9 13.3

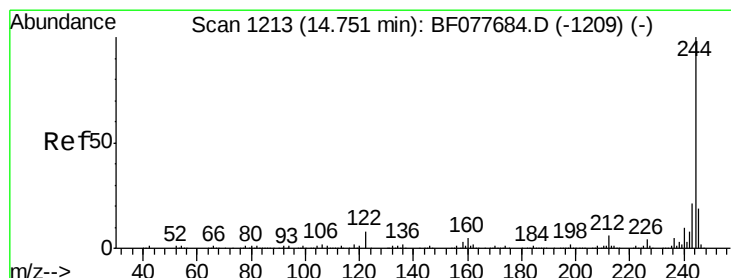
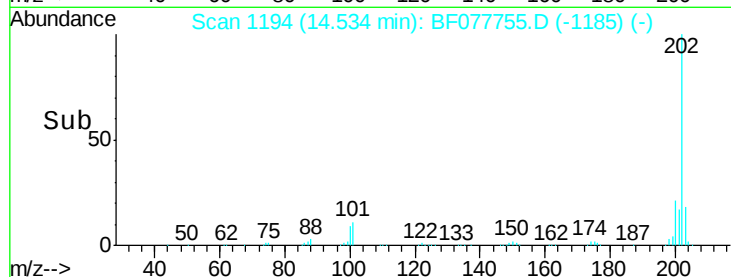
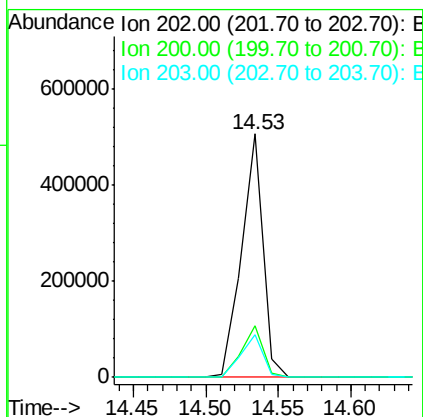
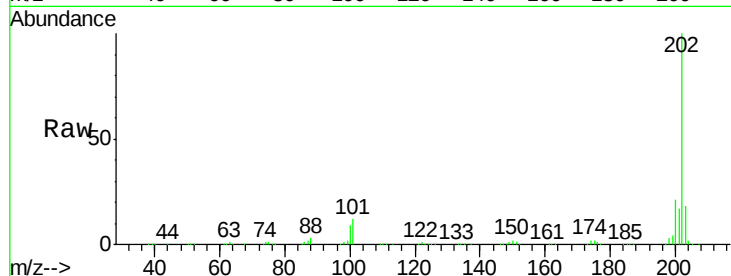




#77
 Pyrene
 Concen: 33.78 ng
 RT: 14.53 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF077755.D
 Acq: 16 Mar 2015 16:20

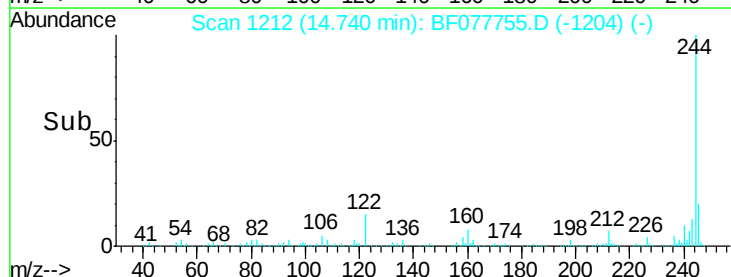
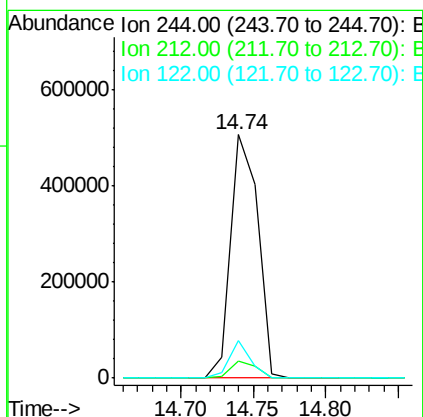
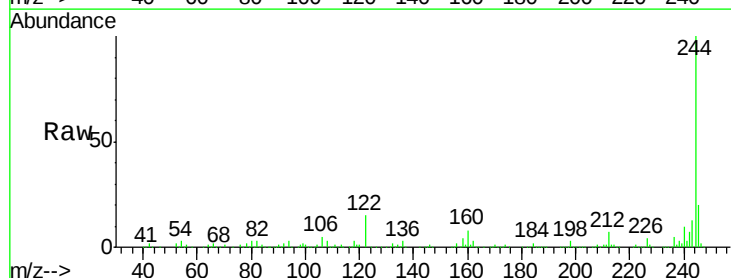
Instrument :
 BNA_F
 ClientSampleId :
 PB82120BSD

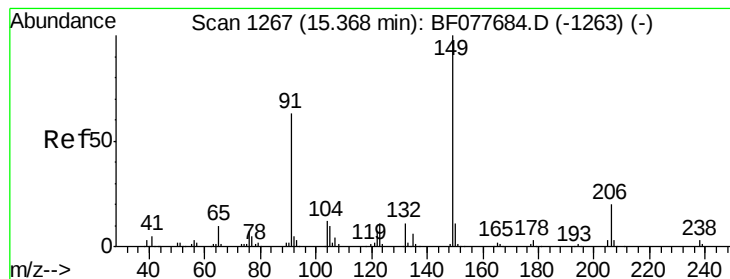
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.9	25.3
203	17.8	14.1	21.1



#78
 Terphenyl-d14
 Concen: 66.00 ng
 RT: 14.74 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF077755.D
 Acq: 16 Mar 2015 16:20

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	4.9	7.3
122	15.4	6.2	9.4





#79

Butylbenzylphthalate

Concen: 34.96 ng

RT: 15.37 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BF077755.D

Acq: 16 Mar 2015 16:20

Instrument :

BNA_F

ClientSampleId :

PB82120BSD

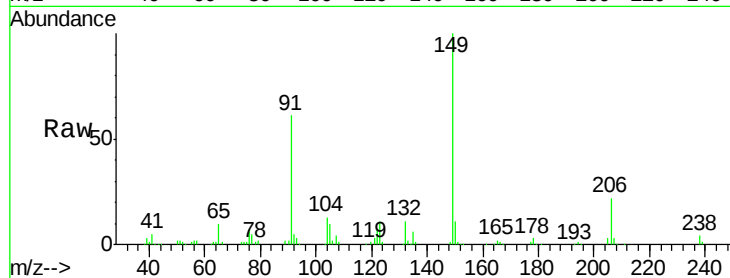
Tgt Ion:149 Resp: 212265

Ion Ratio Lower Upper

149 100

91 60.6 50.1 75.1

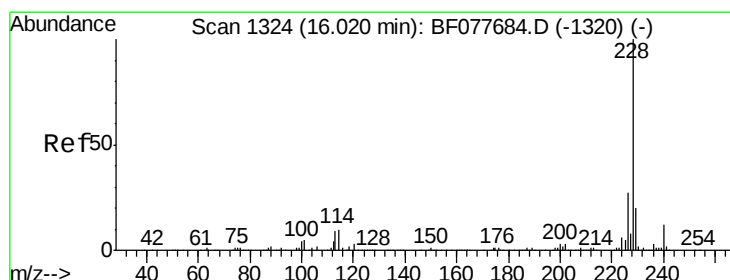
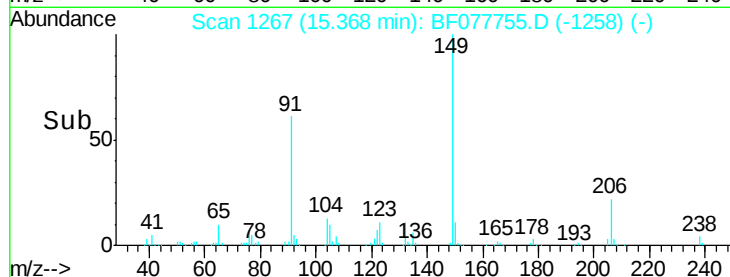
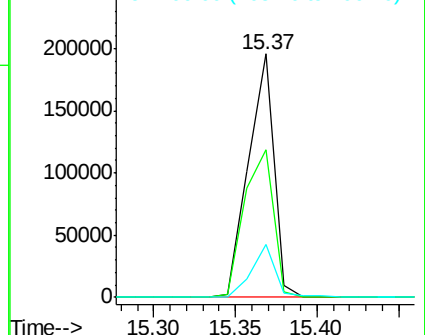
206 21.7 16.2 24.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 32.26 ng

RT: 16.02 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF077755.D

Acq: 16 Mar 2015 16:20

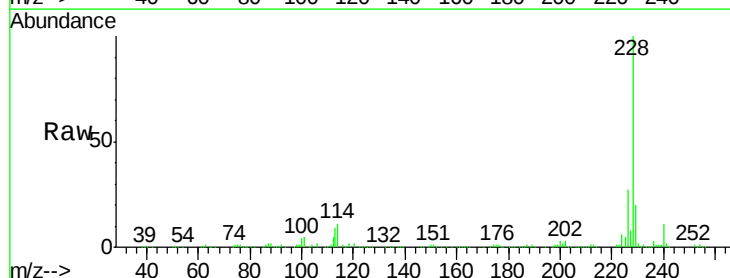
Tgt Ion:228 Resp: 468244

Ion Ratio Lower Upper

228 100

226 26.7 21.7 32.5

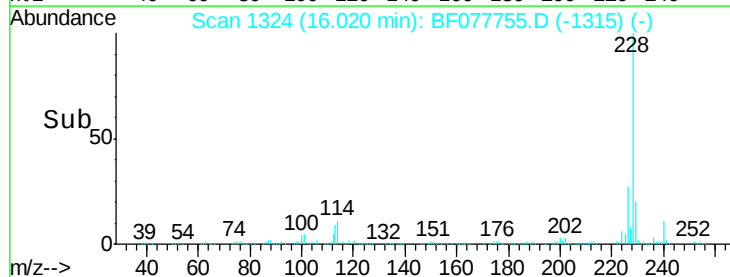
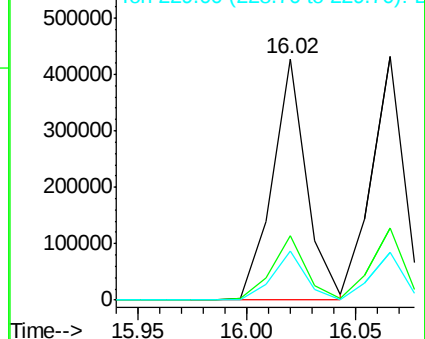
229 20.2 16.0 24.0

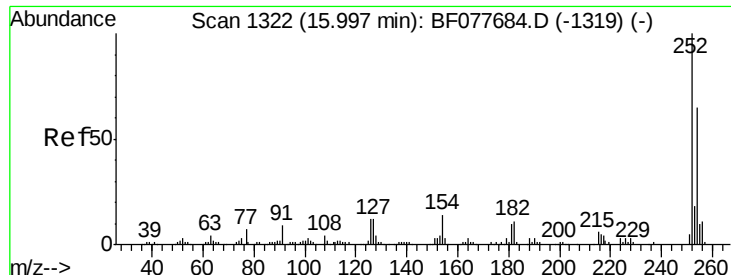


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

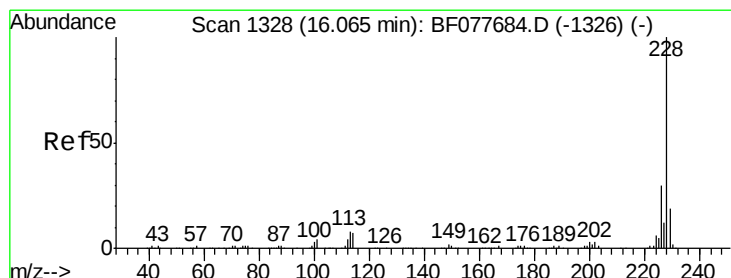
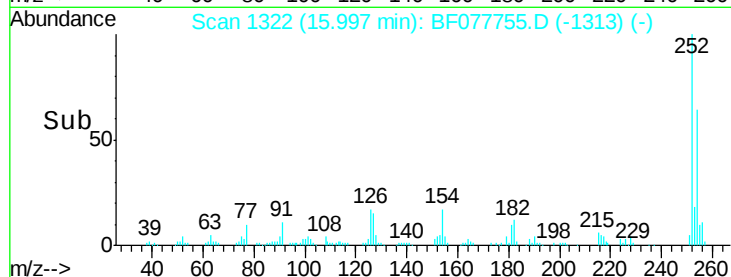
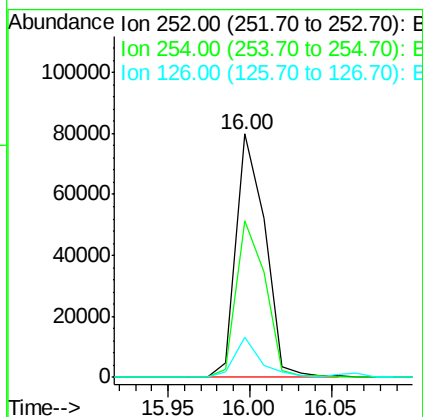
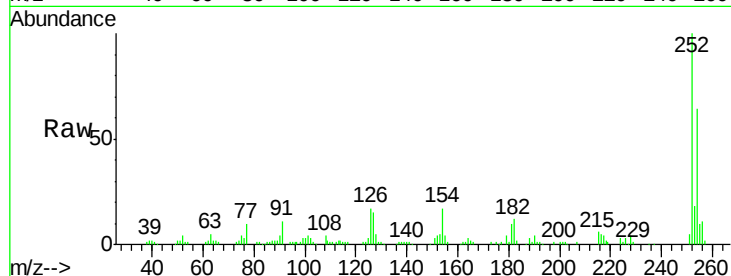




#81
 3,3'-Dichlorobenzidine
 Concen: 20.42 ng
 RT: 16.00 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF077755.D
 Acq: 16 Mar 2015 16:20

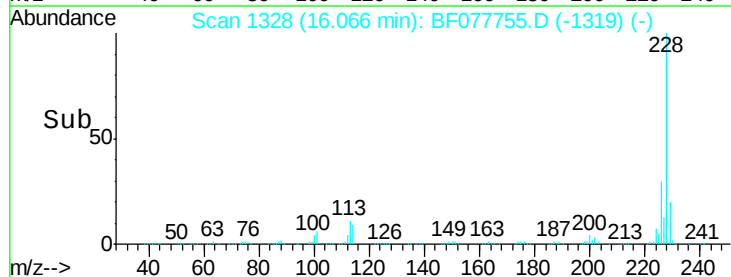
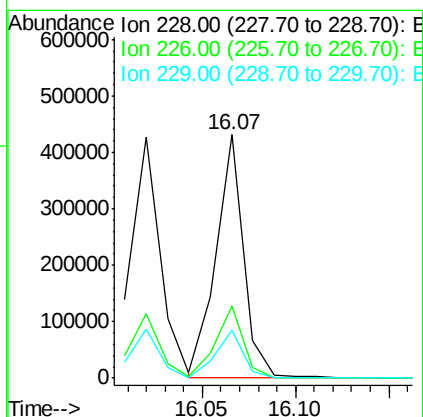
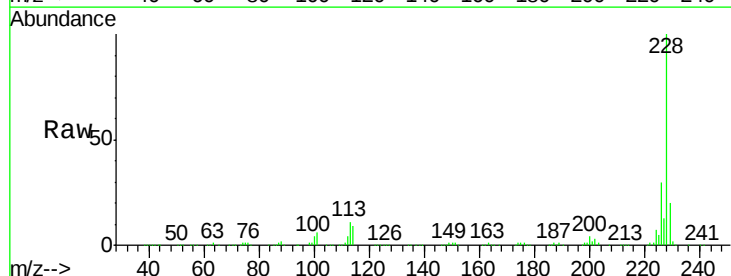
Instrument :
 BNA_F
 ClientSampleId :
 PB82120BSD

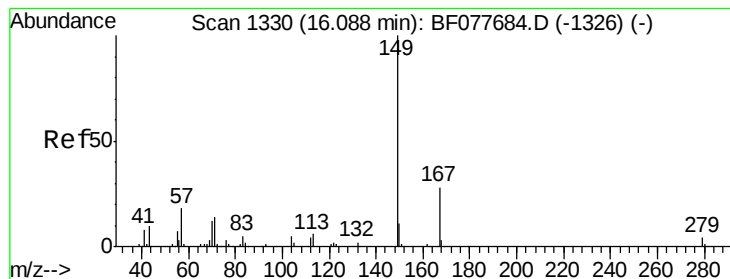
Tgt Ion:252 Resp: 97793
 Ion Ratio Lower Upper
 252 100
 254 64.1 51.9 77.9
 126 16.6 9.8 14.8#



#82
 Chrysene
 Concen: 33.89 ng
 RT: 16.07 min Scan# 1328
 Delta R.T. 0.00 min
 Lab File: BF077755.D
 Acq: 16 Mar 2015 16:20

Tgt Ion:228 Resp: 442370
 Ion Ratio Lower Upper
 228 100
 226 29.6 24.1 36.1
 229 19.5 15.5 23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.66 ng

RT: 16.09 min Scan# 1330

Delta R.T. 0.00 min

Lab File: BF077755.D

Acq: 16 Mar 2015 16:20

Instrument :

BNA_F

ClientSampleId :

PB82120BSD

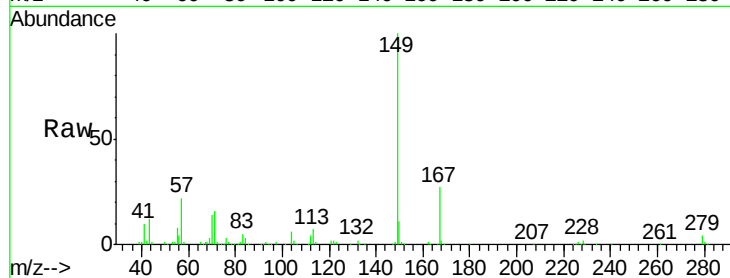
Tgt Ion:149 Resp: 327962

Ion Ratio Lower Upper

149 100

167 27.1 22.4 33.6

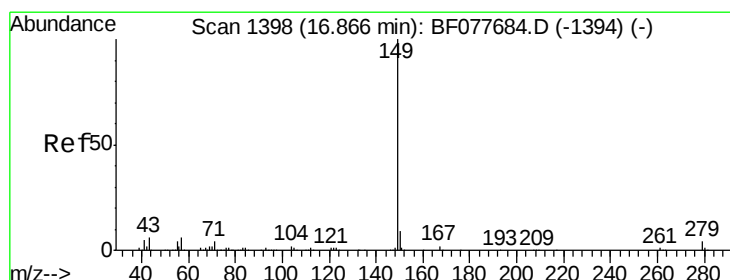
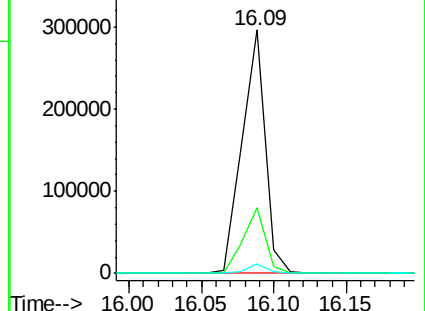
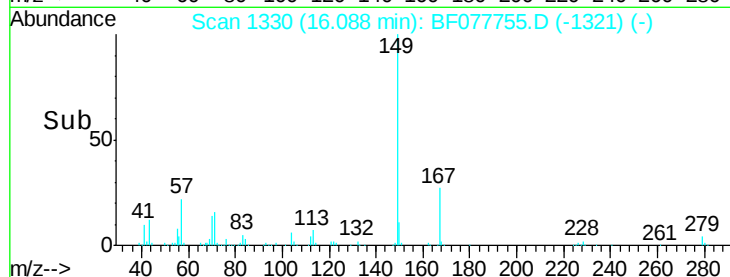
279 3.6 3.4 5.0



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: 34.92 ng

RT: 16.88 min Scan# 1399

Delta R.T. 0.00 min

Lab File: BF077755.D

Acq: 16 Mar 2015 16:20

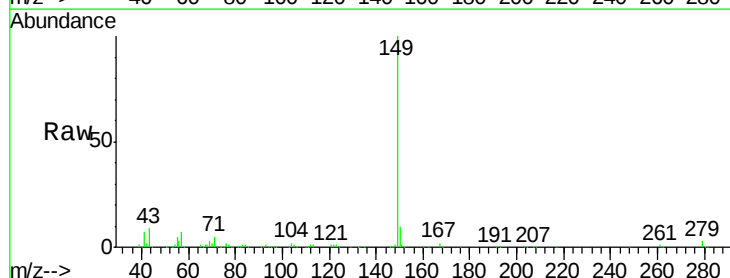
Tgt Ion:149 Resp: 549128

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

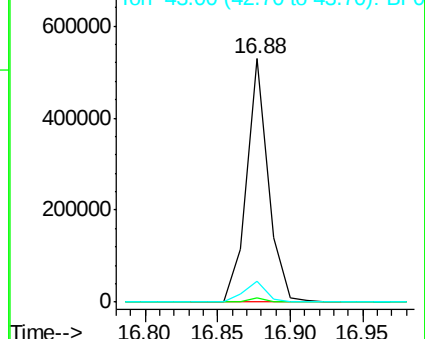
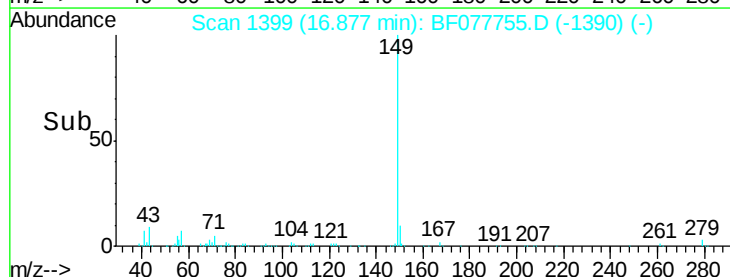
43 9.2 7.3 10.9

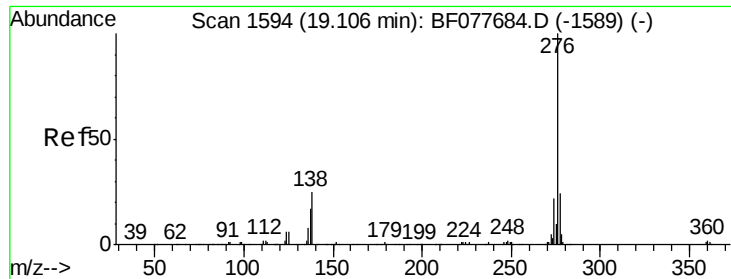


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

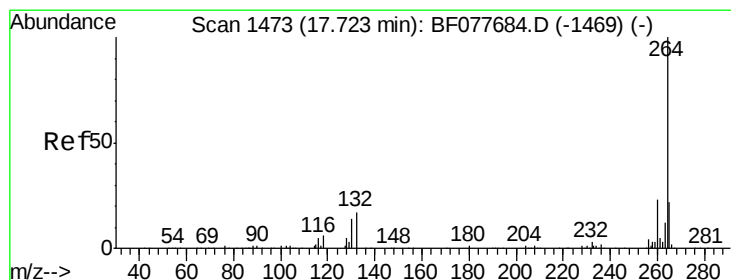
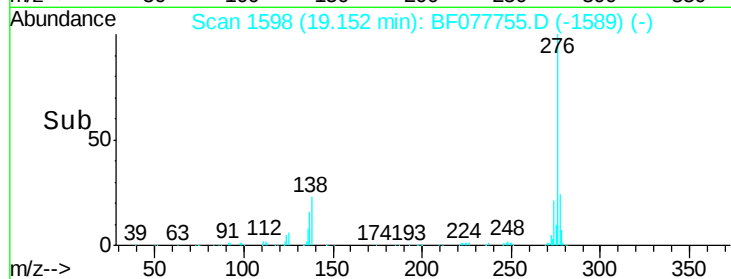
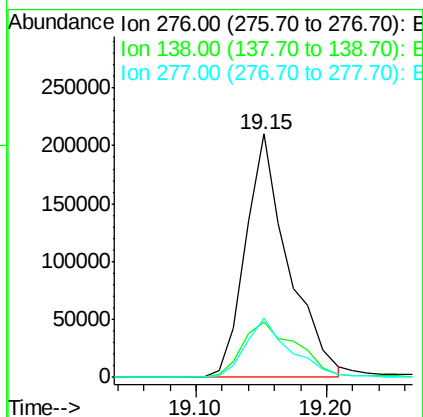
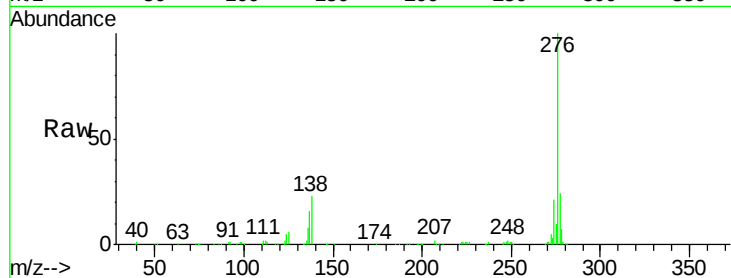




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 29.32 ng
 RT: 19.15 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF077755.D
 Acq: 16 Mar 2015 16:20

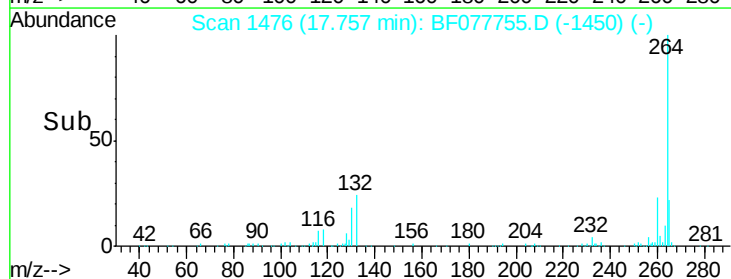
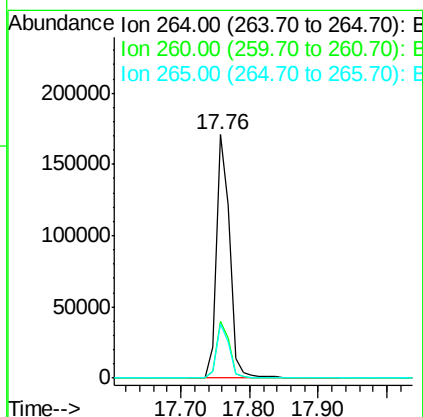
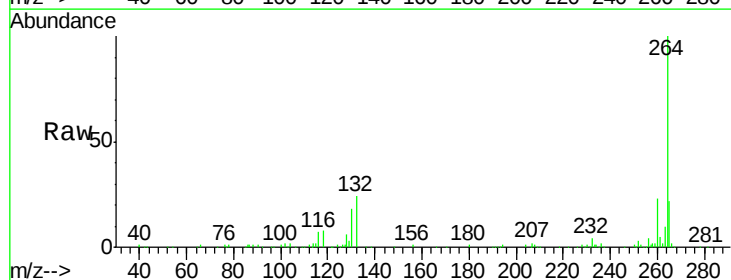
Instrument :
 BNA_F
 ClientSampleId :
 PB82120BSD

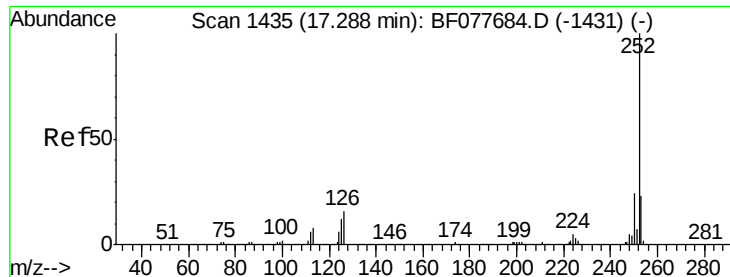
Tgt Ion: 276 Resp: 477609
 Ion Ratio Lower Upper
 276 100
 138 29.0 0.0 0.0#
 277 25.1 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.76 min Scan# 1476
 Delta R.T. 0.00 min
 Lab File: BF077755.D
 Acq: 16 Mar 2015 16:20

Tgt Ion: 264 Resp: 233013
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 27.8
 265 22.4 17.3 25.9

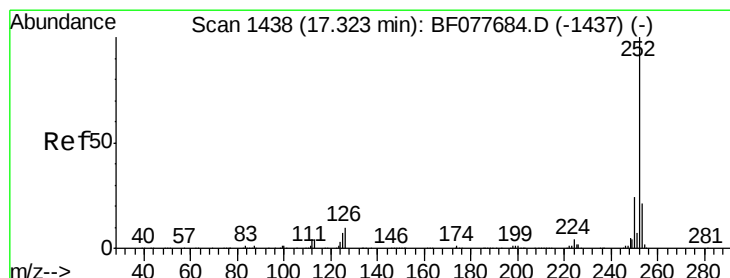
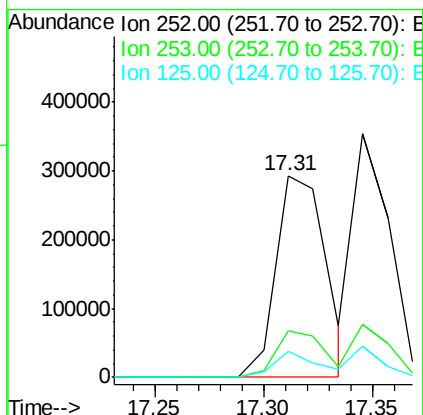
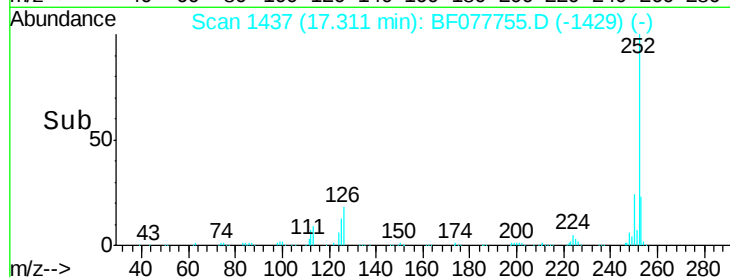
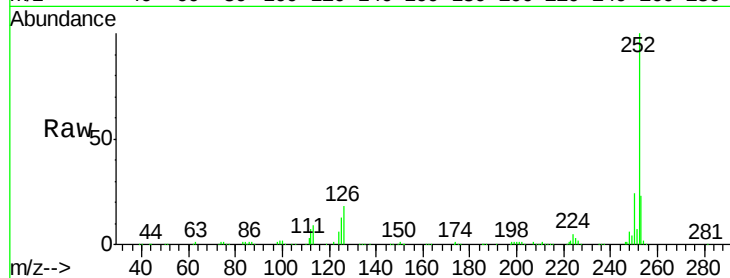




#87
Benzo(b)fluoranthene
Concen: 30.84 ng
RT: 17.31 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF077755.D
Acq: 16 Mar 2015 16:20

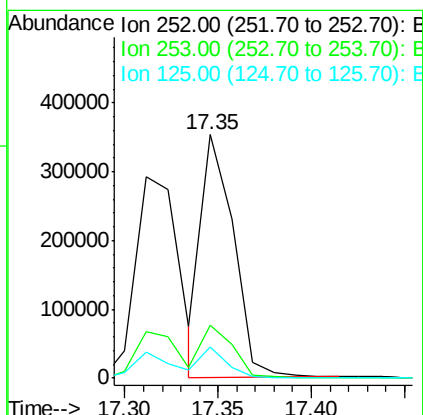
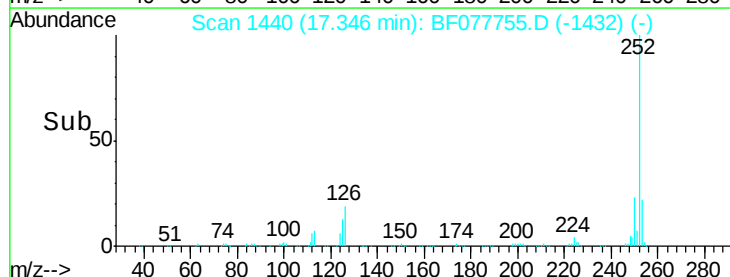
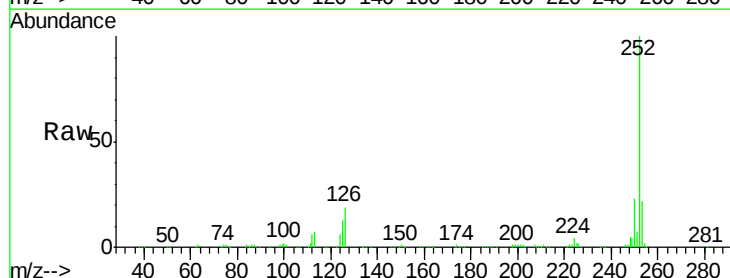
Instrument :
BNA_F
ClientSampleId :
PB82120BSD

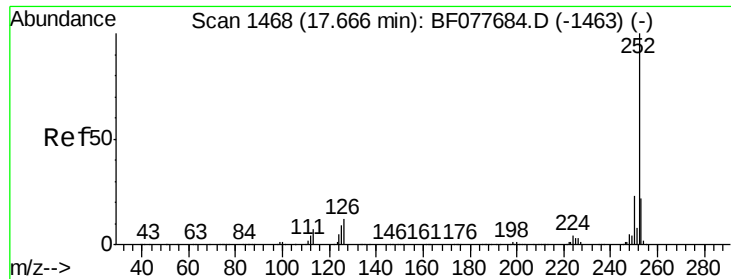
Tgt Ion:252 Resp: 469197
Ion Ratio Lower Upper
252 100
253 22.9 18.0 27.0
125 13.1 9.9 14.9



#88
Benzo(k)fluoranthene
Concen: 35.51 ng
RT: 17.35 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF077755.D
Acq: 16 Mar 2015 16:20

Tgt Ion:252 Resp: 421880
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 12.9 8.1 12.1#

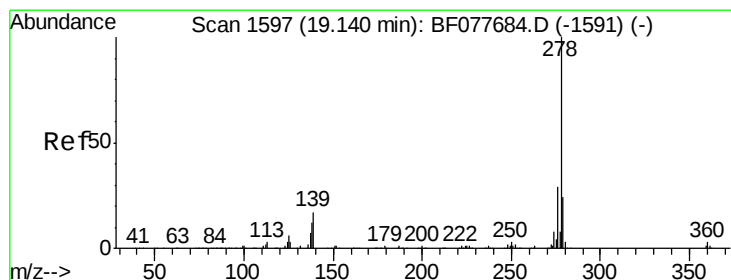
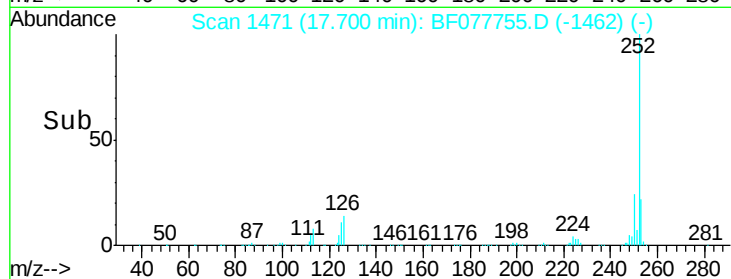
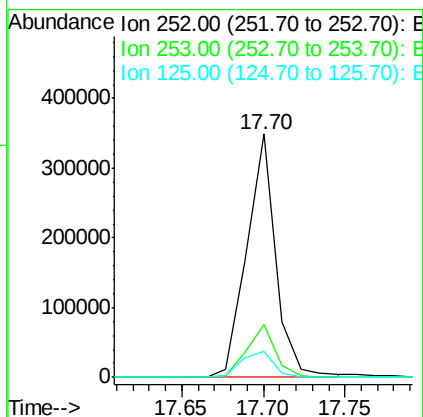
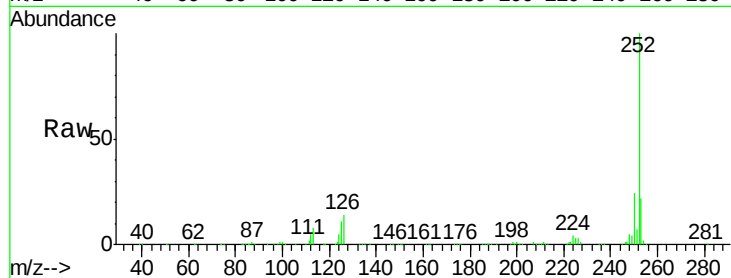




#89
Benzo(a)pyrene
Concen: 34.02 ng
RT: 17.70 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BF077755.D
Acq: 16 Mar 2015 16:20

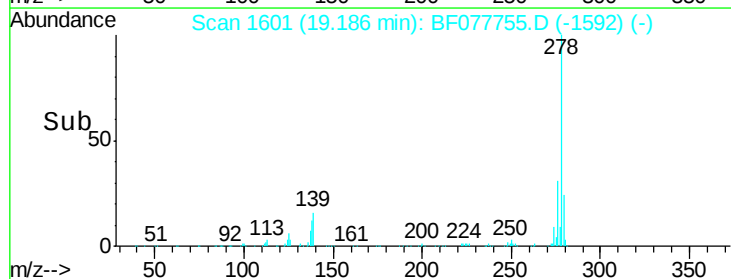
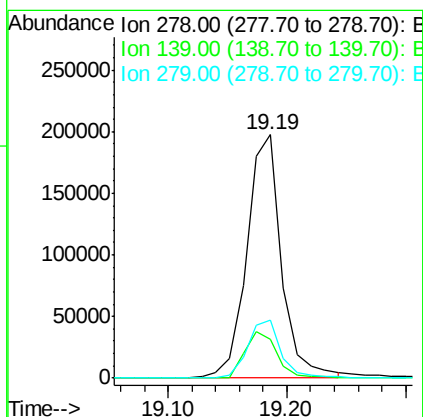
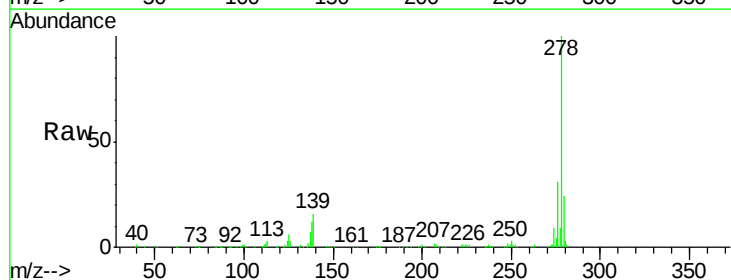
Instrument :
BNA_F
ClientSampleId :
PB82120BSD

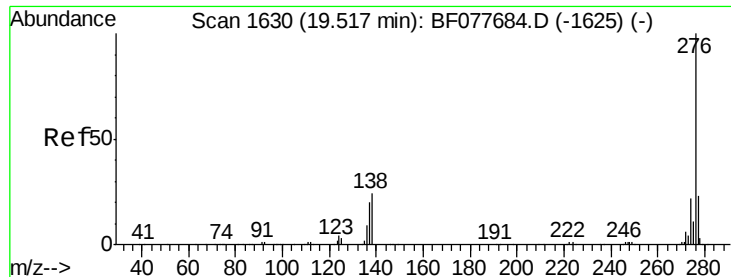
Tgt Ion:252 Resp: 431847
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 10.9 7.4 11.2



#90
Dibenzo(a,h)anthracene
Concen: 31.89 ng
RT: 19.19 min Scan# 1601
Delta R.T. 0.00 min
Lab File: BF077755.D
Acq: 16 Mar 2015 16:20

Tgt Ion:278 Resp: 401420
Ion Ratio Lower Upper
278 100
139 15.9 13.4 20.0
279 23.7 19.0 28.4





#91

Benzo(g,h,i)perylene

Concen: 31.26 ng

RT: 19.56 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BF077755.D

Acq: 16 Mar 2015 16:20

Instrument :

BNA_F

ClientSampleId :

PB82120BSD

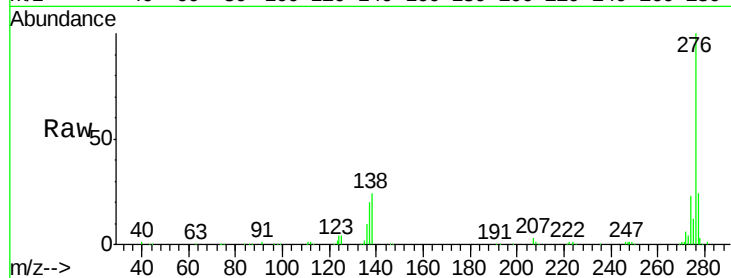
Tgt Ion:276 Resp: 400582

Ion Ratio Lower Upper

276 100

277 23.6 18.5 27.7

138 24.2 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

