

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031615\
 Data File : BF077754.D
 Acq On : 16 Mar 2015 15:51
 Operator : TP/IZ
 Sample : PB82120BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82120BS

Quant Time: Mar 17 01:03:46 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	56180	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	236179	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	118161	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	234435	20.00	ng	0.00
75) Chrysene-d12	16.03	240	239521	20.00	ng	0.00
86) Perylene-d12	17.75	264	231391	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	328071	101.93	ng	0.00
7) Phenol-d6	6.74	99	408136	102.64	ng	0.00
23) Nitrobenzene-d5	7.87	82	244049	67.74	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	110022	97.32	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	541670	67.37	ng	0.00
78) Terphenyl-d14	14.74	244	636165	64.88	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.09	88	38295	26.21	ng	# 100
3) Pyridine	2.78	79	98336	25.05	ng	99
4) n-Nitrosodimethylamine	2.70	42	50914	29.78	ng	97
6) Aniline	6.76	93	98530	17.32	ng	# 35
8) 2-Chlorophenol	6.90	128	131092	34.22	ng	95
9) Benzaldehyde	6.62	77	9555	5.87	ng	88
10) Phenol	6.76	94	155594	33.10	ng	91
11) bis(2-Chloroethyl)ether	6.86	93	122215	34.71	ng	94
12) 1,3-Dichlorobenzene	7.09	146	138093	32.41	ng	98
13) 1,4-Dichlorobenzene	7.20	146	137856	31.14	ng	98
14) 1,2-Dichlorobenzene	7.38	146	132754	32.71	ng	98
15) Benzyl Alcohol	7.36	79	100714	32.45	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.54	45	160013	33.72	ng	98
17) 2-Methylphenol	7.50	107	101396	32.51	ng	95
18) Hexachloroethane	7.79	117	45899	31.61	ng	93
19) n-Nitroso-di-n-propylamine	7.69	70	88166	32.05	ng	96
20) 3+4-Methylphenols	7.70	107	137658	33.64	ng	96
22) Acetophenone	7.69	105	178109	34.07	ng	# 92
24) Nitrobenzene	7.89	77	129230	33.29	ng	# 80
25) Isophorone	8.19	82	239664	32.94	ng	98
26) 2-Nitrophenol	8.28	139	60793	31.99	ng	91
27) 2,4-Dimethylphenol	8.35	122	123354	35.63	ng	97
28) bis(2-Chloroethoxy)methane	8.48	93	148335	33.59	ng	98
29) 2,4-Dichlorophenol	8.58	162	113256	34.32	ng	98
30) 1,2,4-Trichlorobenzene	8.68	180	115452	31.27	ng	99
31) Naphthalene	8.77	128	384045	31.66	ng	100
32) Benzoic acid	8.46	122	41204	23.05	ng	96
33) 4-Chloroaniline	8.85	127	94736	19.24	ng	97
34) Hexachlorobutadiene	8.93	225	63646	30.41	ng	98
35) Caprolactam	9.28	113	34354	35.62	ng	95
36) 4-Chloro-3-methylphenol	9.46	107	117625	35.43	ng	90
37) 2-Methylnaphthalene	9.63	142	267070	32.77	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.84	216	117927	33.46	ng	# 100
40) Hexachlorocyclopentadiene	9.82	237	110898	63.54	ng	99

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Instrument :
 BNA_F
 ClientSampleId :
 PB82120BS

Quant Time: Mar 17 01:03:46 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)

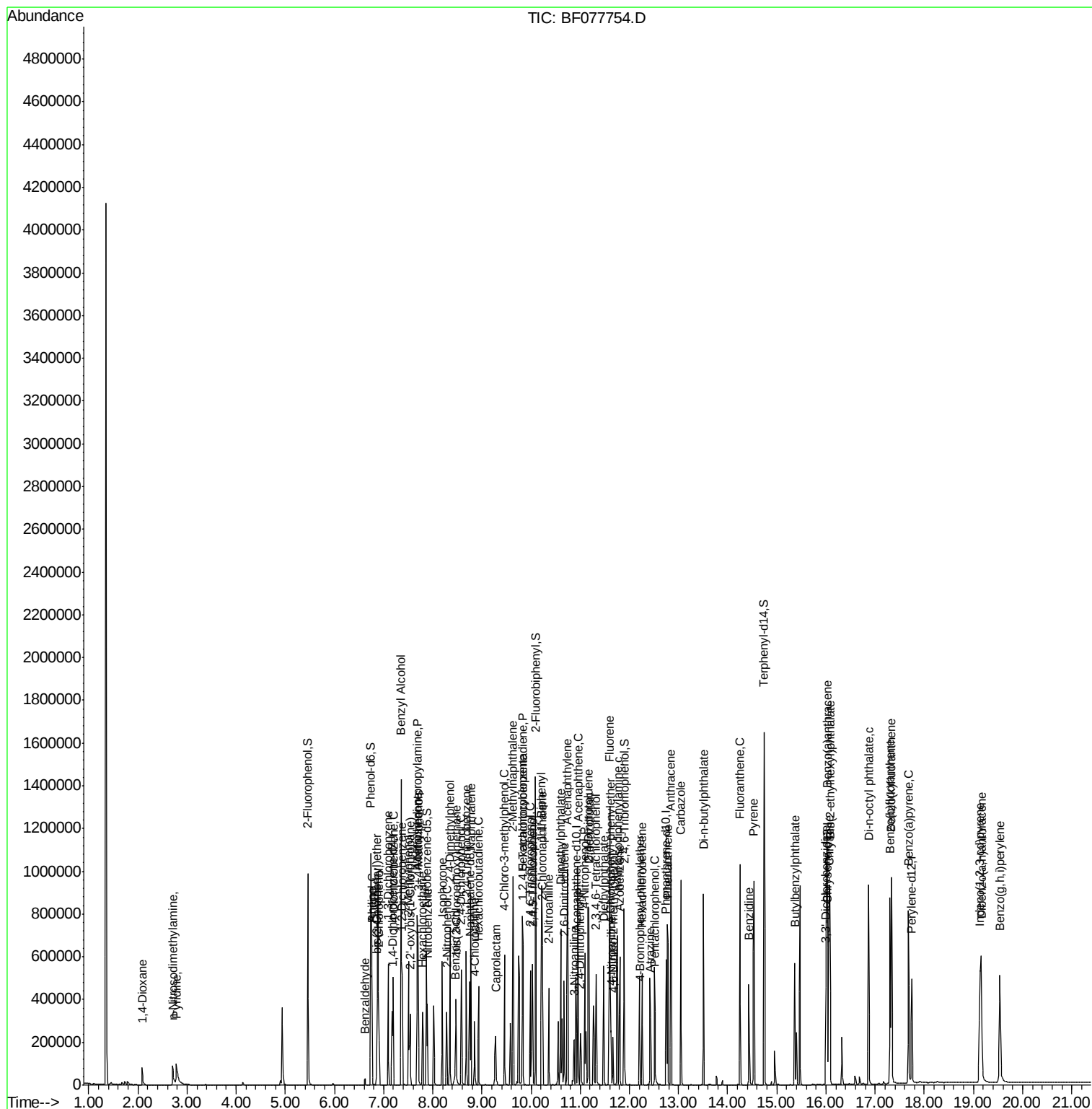
42) 2,4,6-Trichlorophenol	9.98	196	79448	32.54	ng	100
43) 2,4,5-Trichlorophenol	10.03	196	85452	32.40	ng	# 93
45) 1,1'-Biphenyl	10.21	154	315173	33.37	ng	99
46) 2-Chloronaphthalene	10.22	162	250823	32.68	ng	# 91
47) 2-Nitroaniline	10.36	65	69284	36.34	ng	96
48) Acenaphthylene	10.74	152	412188	32.29	ng	100
49) Dimethylphthalate	10.60	163	302023	34.46	ng	99
50) 2,6-Dinitrotoluene	10.67	165	61994	34.13	ng	98
51) Acenaphthene	10.96	154	238205	32.55	ng	99
52) 3-Nitroaniline	10.88	138	54298	25.74	ng	97
53) 2,4-Dinitrophenol	11.00	184	36505	57.25	ng	95
54) Dibenzofuran	11.17	168	365705	33.69	ng	99
55) 4-Nitrophenol	11.09	139	103498	66.22	ng	82
56) 2,4-Dinitrotoluene	11.16	165	81885	34.57	ng	99
57) Fluorene	11.60	166	294168	32.64	ng	100
58) 2,3,4,6-Tetrachlorophenol	11.32	232	66602	32.80	ng	# 100
59) Diethylphthalate	11.48	149	295253	34.58	ng	100
60) 4-Chlorophenyl-phenylether	11.61	204	137704	33.48	ng	93
61) 4-Nitroaniline	11.63	138	70799	33.67	ng	95
62) Azobenzene	11.80	77	272348	33.37	ng	95
64) 4,6-Dinitro-2-methylphenol	11.67	198	31043	29.83	ng	92
65) n-Nitrosodiphenylamine	11.76	169	260287	33.34	ng	99
66) 4-Bromophenyl-phenylether	12.21	248	79506	31.78	ng	# 92
67) Hexachlorobenzene	12.26	284	86614	31.51	ng	# 72
68) Atrazine	12.43	200	81897	37.44	ng	99
69) Pentachlorophenol	12.52	266	85917	60.46	ng	99
70) Phenanthrene	12.79	178	439522	32.66	ng	100
71) Anthracene	12.84	178	442146	33.25	ng	99
72) Carbazole	13.05	167	417827	33.03	ng	99
73) Di-n-butylphthalate	13.51	149	482674	34.03	ng	99
74) Fluoranthene	14.25	202	476055	32.07	ng	94
76) Benzidine	14.43	184	210181	35.42	ng	99
77) Pyrene	14.53	202	509610	33.83	ng	99
79) Butylbenzylphthalate	15.37	149	208505	35.11	ng	91
80) Benzo(a)anthracene	16.02	228	479181	33.75	ng	100
81) 3,3'-Dichlorobenzidine	16.00	252	97472	20.81	ng	98
82) Chrysene	16.07	228	434607	34.04	ng	99
83) Bis(2-ethylhexyl)phthalate	16.08	149	316743	35.21	ng	# 95
84) Di-n-octyl phthalate	16.87	149	531749	34.57	ng	100
85) Indeno(1,2,3-cd)pyrene	19.13	276	480368	30.15	ng	# 100
87) Benzo(b)fluoranthene	17.30	252	483181	31.99	ng	100
88) Benzo(k)fluoranthene	17.33	252	393584	33.36	ng	97
89) Benzo(a)pyrene	17.68	252	425484	33.76	ng	# 96
90) Dibenzo(a,h)anthracene	19.16	278	399024	31.92	ng	99
91) Benzo(g,h,i)perylene	19.54	276	395521	31.08	ng	98

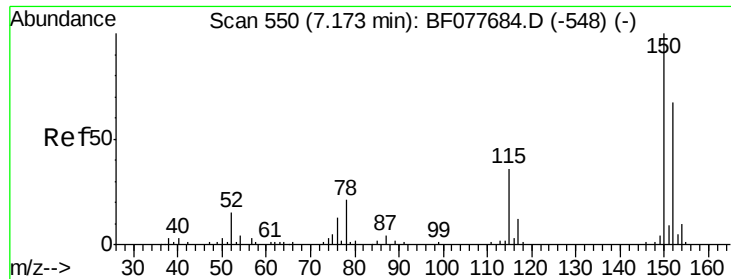
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031615\  
Data File : BF077754.D  
Acq On    : 16 Mar 2015   15:51  
Operator  : TP/IZ  
Sample    : PB82120BS  
Misc      :  
ALS Vial  : 7      Sample Multiplier: 1
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Instrument :
BNA_F
ClientSampleId :
PB82120BS

Quant Time: Mar 17 01:03:46 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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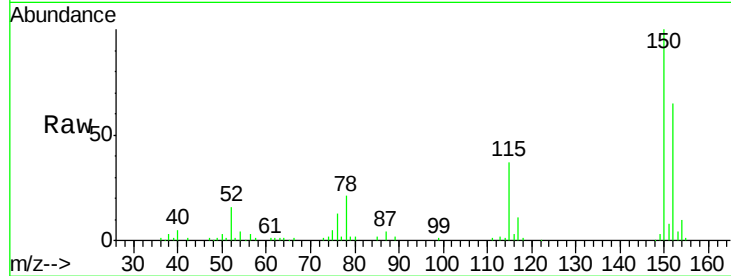


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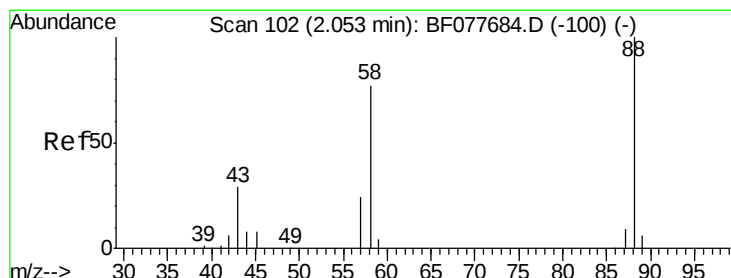
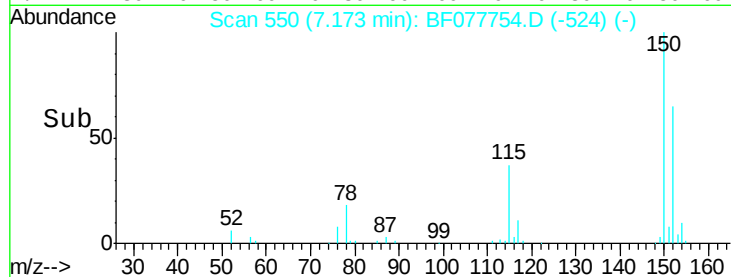
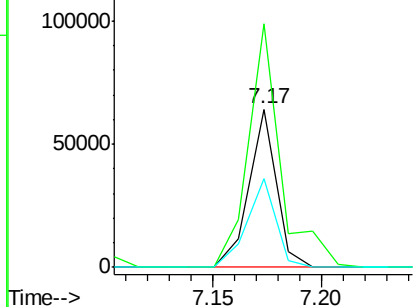
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.17 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF077754.D
Acq: 16 Mar 2015 15:51

Instrument :
BNA_F
ClientSampleId :
PB82120BS

Tgt Ion:152 Resp: 56180
Ion Ratio Lower Upper
152 100
150 154.0 119.5 179.3
115 56.4 43.0 64.4



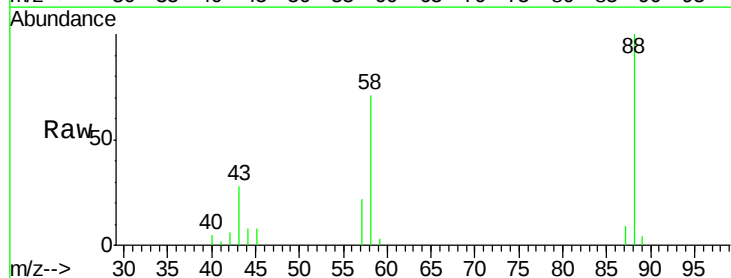
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



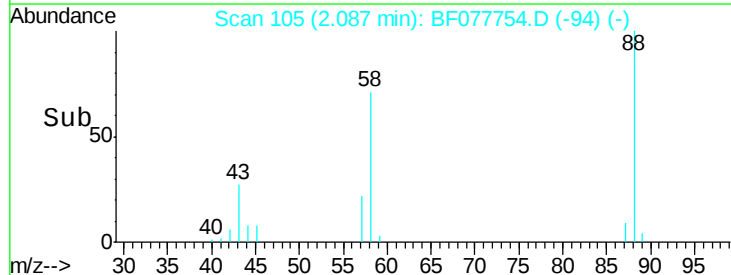
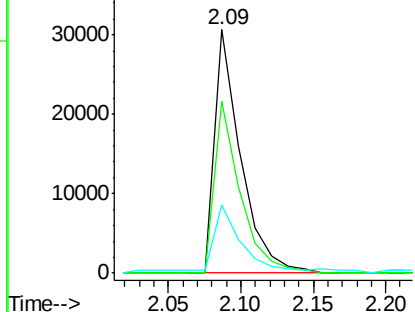
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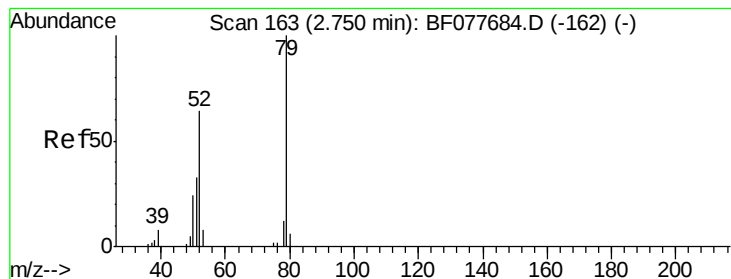
1,4-Dioxane
Concen: 26.21 ng
RT: 2.09 min Scan# 105
Delta R.T. 0.02 min
Lab File: BF077754.D
Acq: 16 Mar 2015 15:51

Tgt Ion: 88 Resp: 38295
Ion Ratio Lower Upper
88 100
58 69.7 0.0 0.0#
43 32.4 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: 25.05 ng

RT: 2.78 min Scan# 166

Delta R.T. 0.03 min

Lab File: BF077754.D

Acq: 16 Mar 2015 15:51

Instrument :

BNA_F

ClientSampleId :

PB82120BS

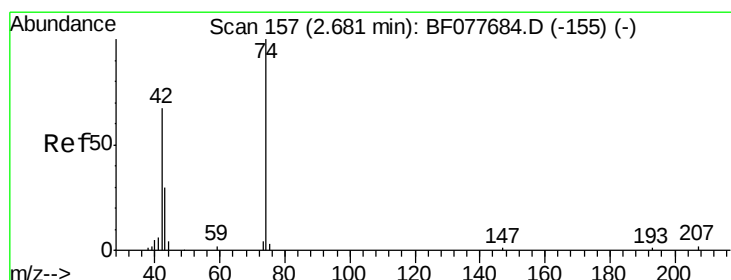
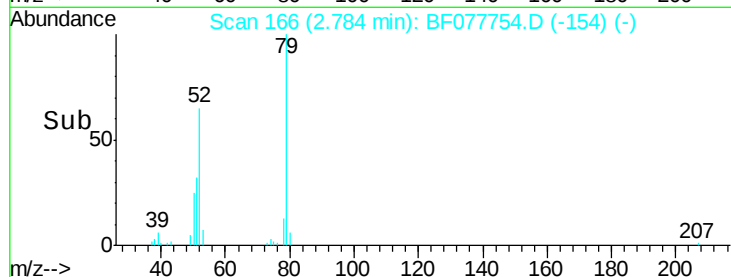
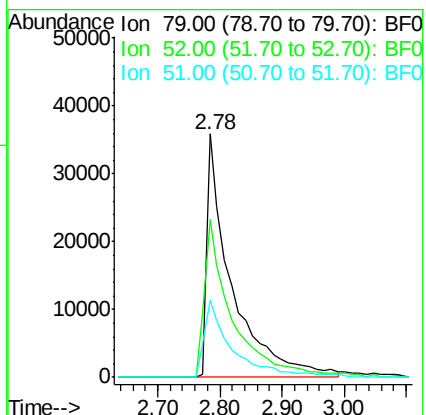
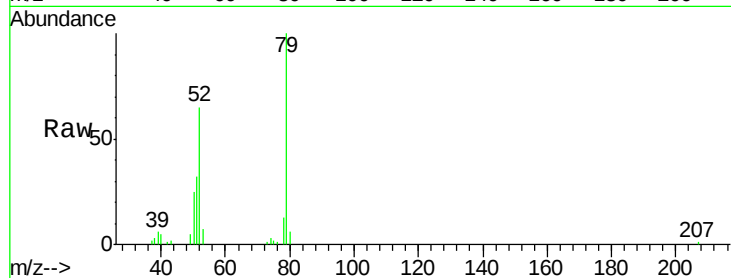
Tgt Ion: 79 Resp: 98336

Ion Ratio Lower Upper

79 100

52 64.9 51.1 76.7

51 31.8 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 29.78 ng

RT: 2.70 min Scan# 159

Delta R.T. 0.02 min

Lab File: BF077754.D

Acq: 16 Mar 2015 15:51

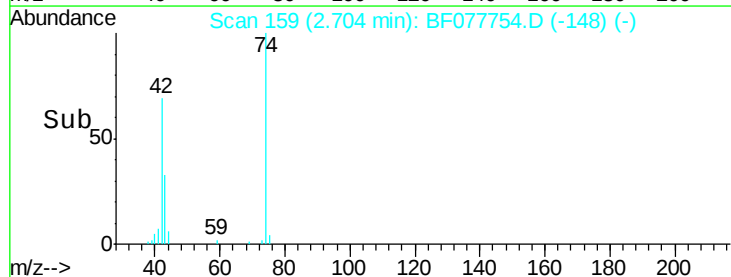
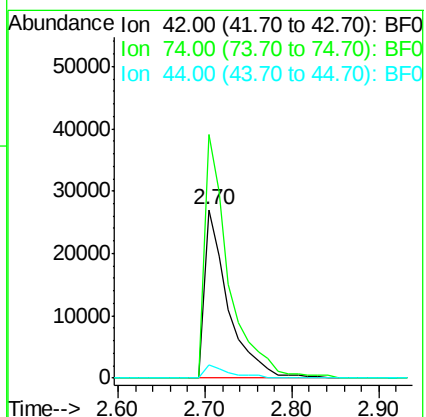
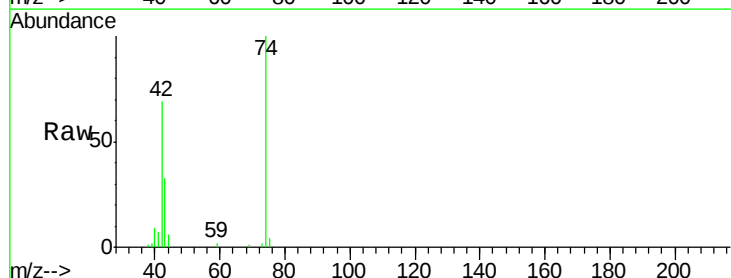
Tgt Ion: 42 Resp: 50914

Ion Ratio Lower Upper

42 100

74 144.7 119.3 178.9

44 8.0 5.4 8.2





#5

2-Fluorophenol

Concen: 101.93 ng

RT: 5.46 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF077754.D

Acq: 16 Mar 2015 15:51

Instrument :

BNA_F

ClientSampleId :

PB82120BS

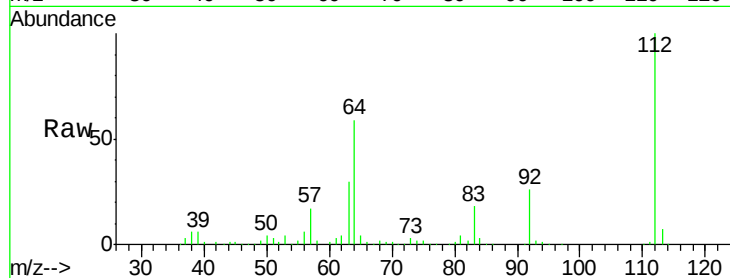
Tgt Ion: 112 Resp: 328071

Ion Ratio Lower Upper

112 100

64 58.6 38.6 57.8#

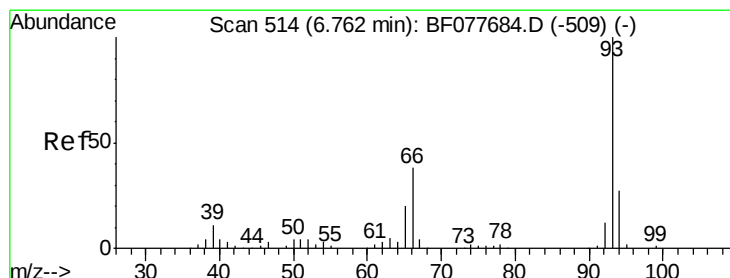
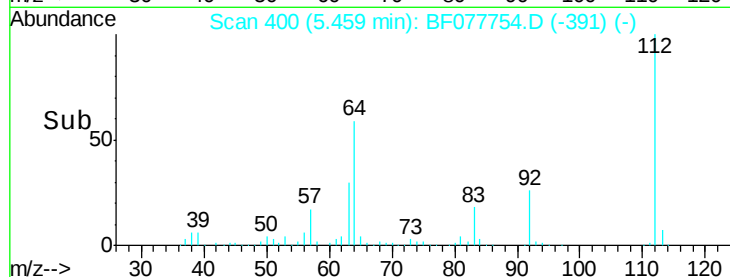
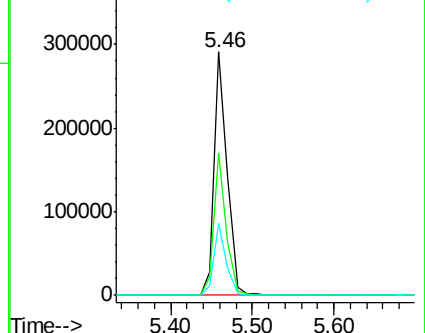
63 29.7 19.3 28.9#



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: 17.32 ng

RT: 6.76 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF077754.D

Acq: 16 Mar 2015 15:51

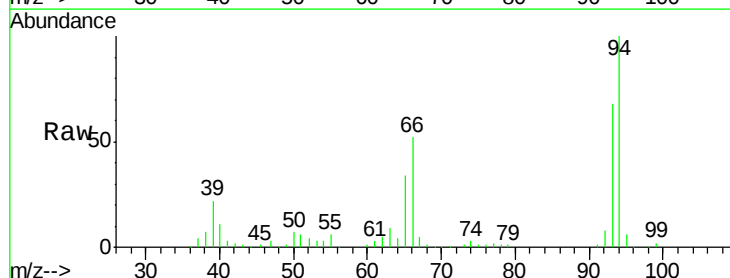
Tgt Ion: 93 Resp: 98530

Ion Ratio Lower Upper

93 100

66 77.5 30.8 46.2#

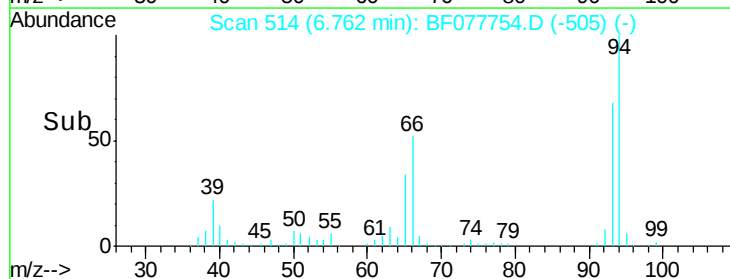
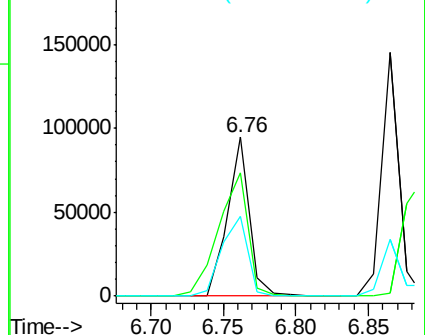
65 50.0 16.0 24.0#

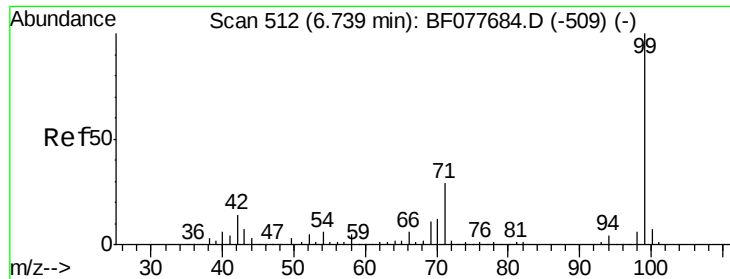


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 102.64 ng

RT: 6.74 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF077754.D

Acq: 16 Mar 2015 15:51

Instrument :

BNA_F

ClientSampled :

PB82120BS

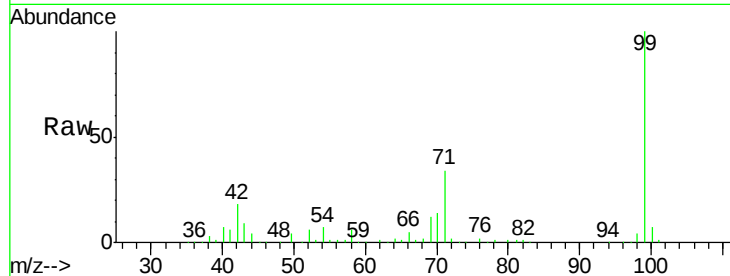
Tgt Ion: 99 Resp: 408136

Ion Ratio Lower Upper

99 100

42 17.9 11.0 16.4#

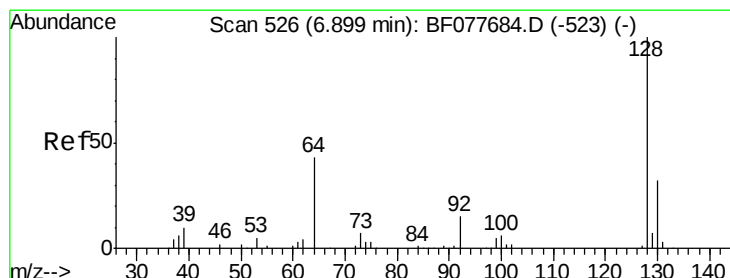
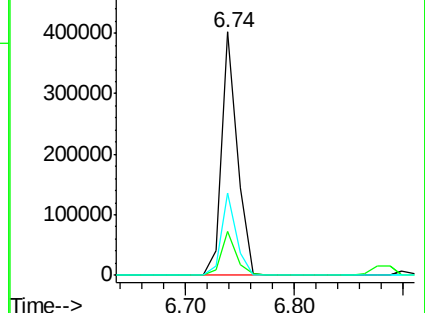
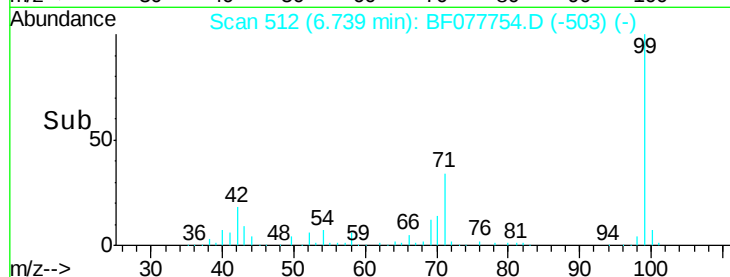
71 33.7 23.4 35.2



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: 34.22 ng

RT: 6.90 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF077754.D

Acq: 16 Mar 2015 15:51

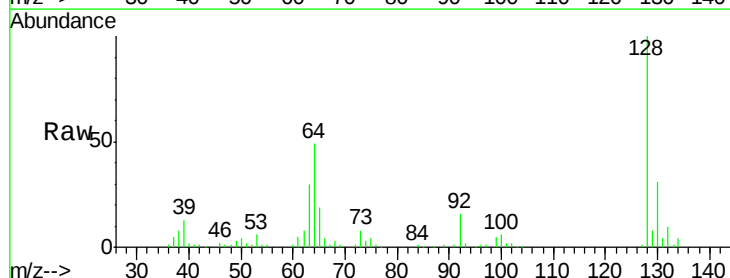
Tgt Ion:128 Resp: 131092

Ion Ratio Lower Upper

128 100

130 31.0 12.0 52.0

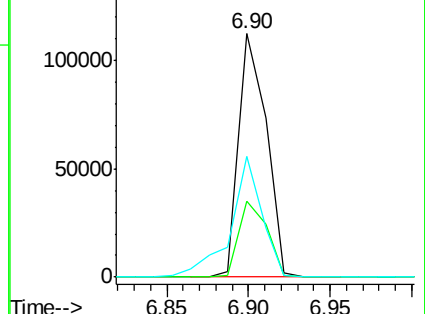
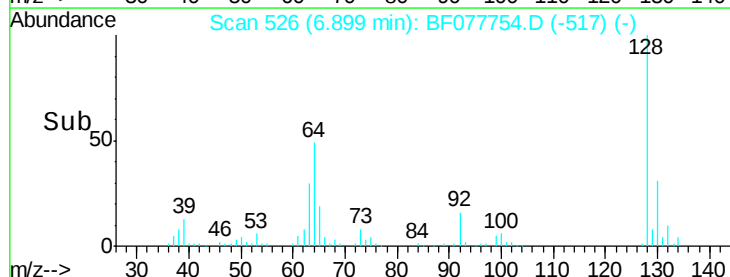
64 49.5 24.9 64.9

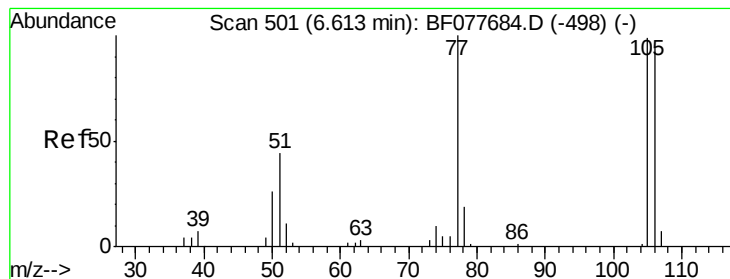


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 5.87 ng

RT: 6.62 min Scan# 502

Delta R.T. 0.01 min

Lab File: BF077754.D

Acq: 16 Mar 2015 15:51

Instrument :

BNA_F

ClientSampleId :

PB82120BS

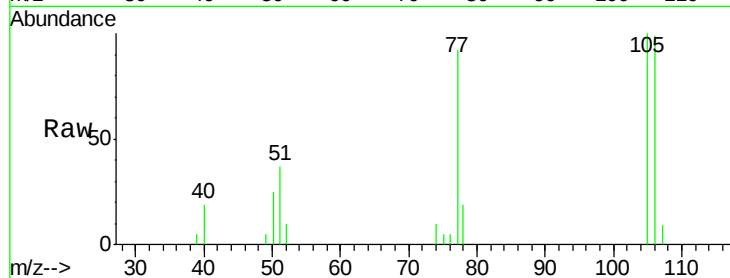
Tgt Ion: 77 Resp: 9555

Ion Ratio Lower Upper

77 100

105 108.7 78.8 118.8

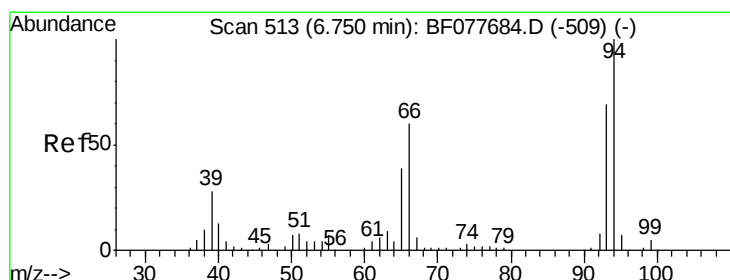
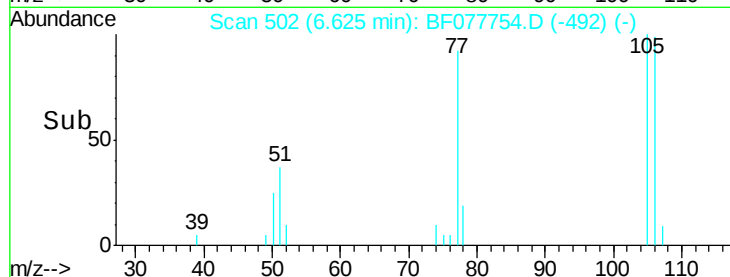
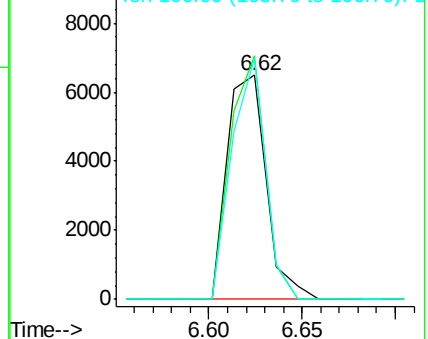
106 107.5 73.7 113.7



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: 33.10 ng

RT: 6.76 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF077754.D

Acq: 16 Mar 2015 15:51

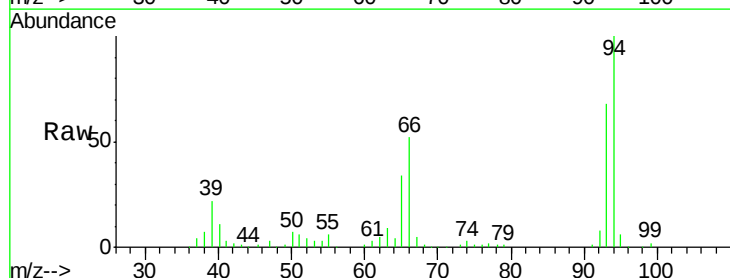
Tgt Ion: 94 Resp: 155594

Ion Ratio Lower Upper

94 100

65 33.9 18.8 58.8

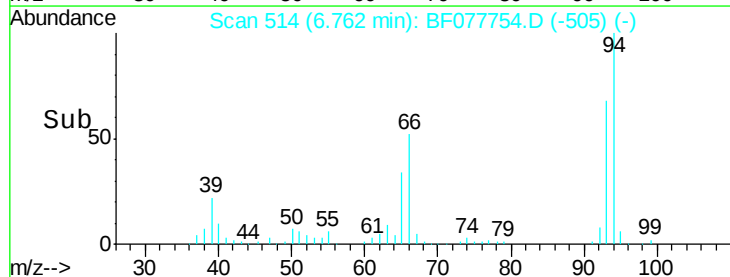
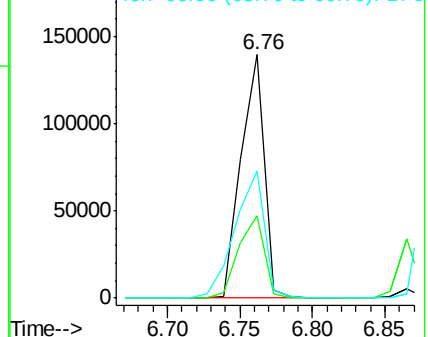
66 52.5 39.9 79.9

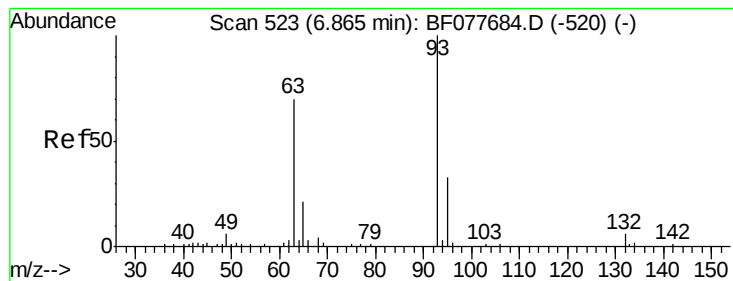


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 34.71 ng

RT: 6.86 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF077754.D

Acq: 16 Mar 2015 15:51

Instrument :

BNA_F

ClientSampleId :

PB82120BS

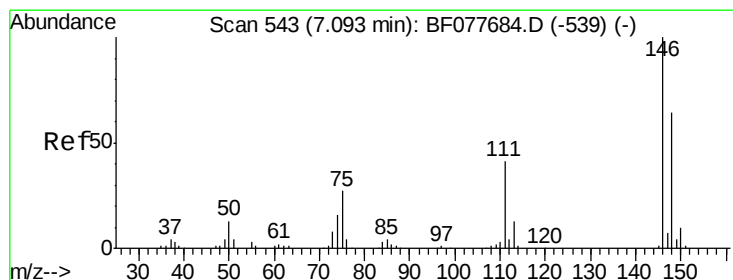
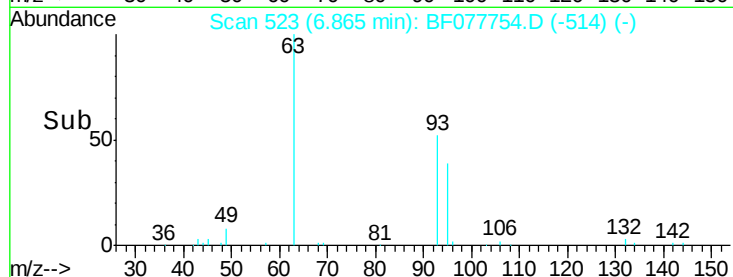
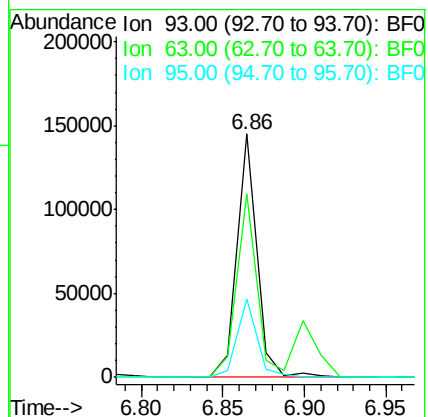
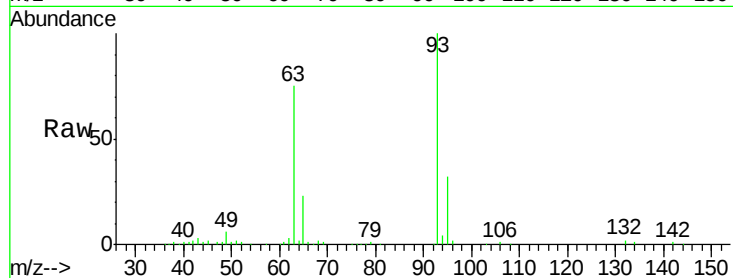
Tgt Ion: 93 Resp: 122215

Ion Ratio Lower Upper

93 100

63 75.4 49.5 89.5

95 32.1 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 32.41 ng

RT: 7.09 min Scan# 543

Delta R.T. 0.00 min

Lab File: BF077754.D

Acq: 16 Mar 2015 15:51

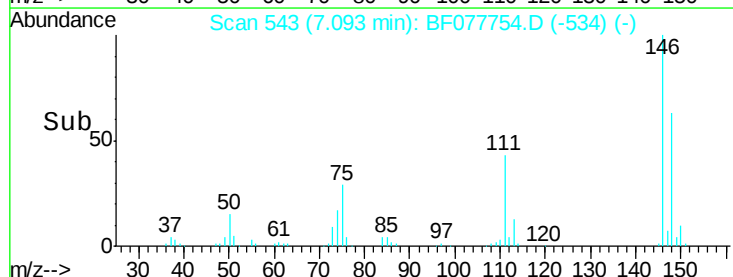
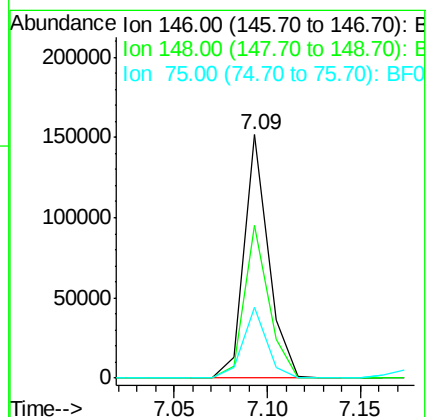
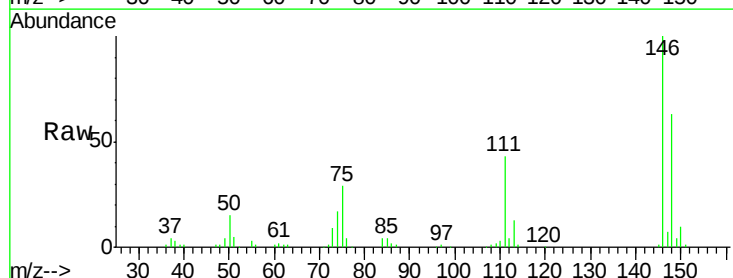
Tgt Ion: 146 Resp: 138093

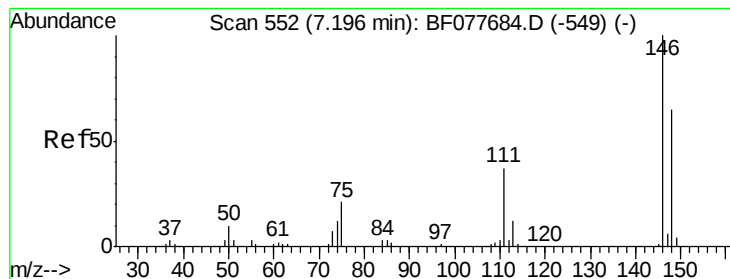
Ion Ratio Lower Upper

146 100

148 62.9 50.9 76.3

75 29.2 21.4 32.2





#13

1,4-Dichlorobenzene

Concen: 31.14 ng

RT: 7.20 min Scan# 552

Delta R.T. 0.00 min

Lab File: BF077754.D

Acq: 16 Mar 2015 15:51

Instrument :

BNA_F

ClientSampleId :

PB82120BS

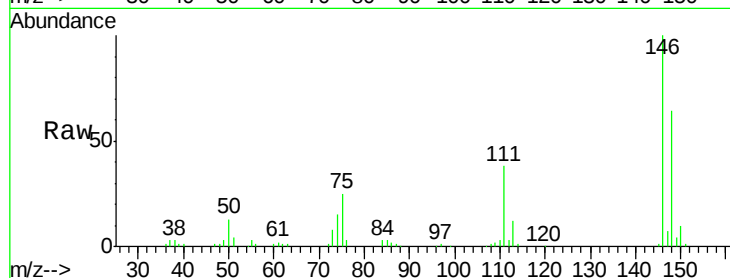
Tgt Ion:146 Resp: 137856

Ion Ratio Lower Upper

146 100

148 63.6 51.9 77.9

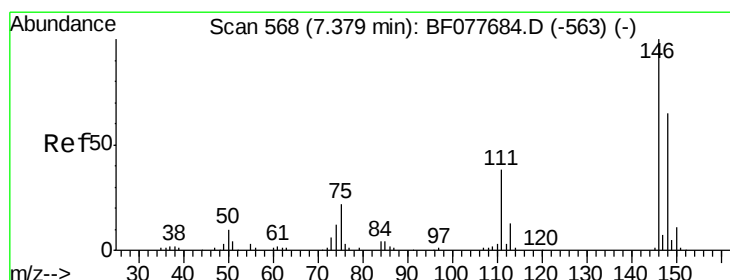
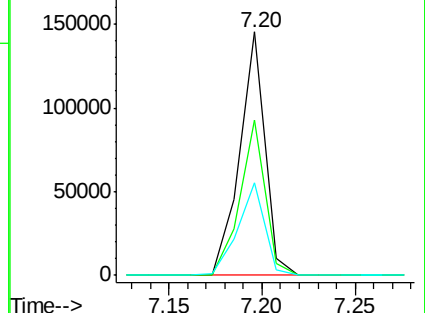
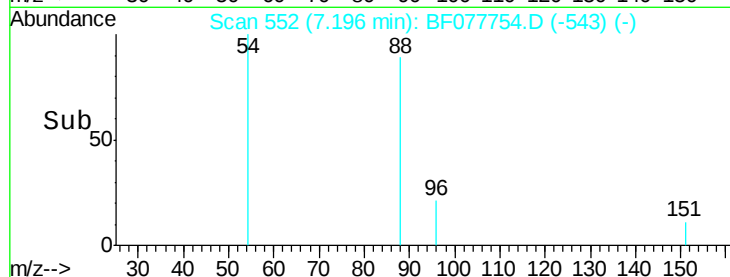
111 37.9 29.2 43.8



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: 32.71 ng

RT: 7.38 min Scan# 568

Delta R.T. 0.00 min

Lab File: BF077754.D

Acq: 16 Mar 2015 15:51

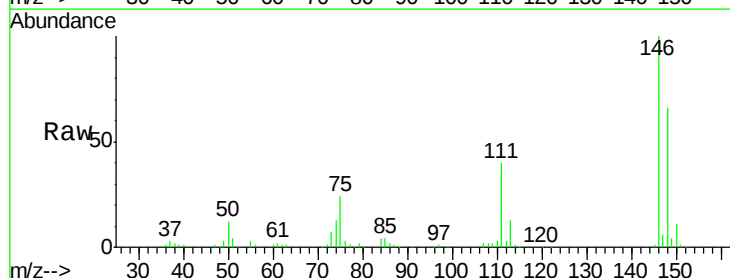
Tgt Ion:146 Resp: 132754

Ion Ratio Lower Upper

146 100

148 66.0 52.3 78.5

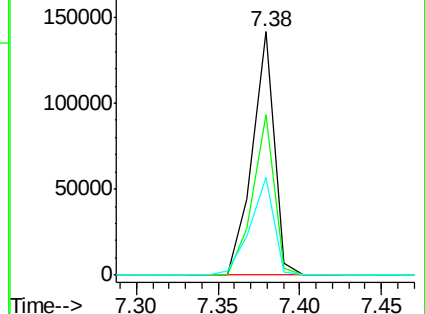
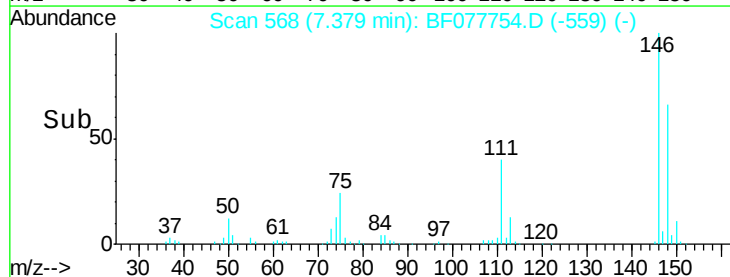
111 40.1 30.6 45.8

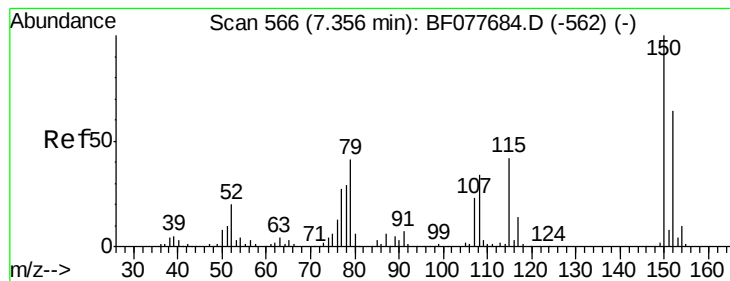


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 32.45 ng

RT: 7.36 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF077754.D

Acq: 16 Mar 2015 15:51

Instrument :

BNA_F

ClientSampleId :

PB82120BS

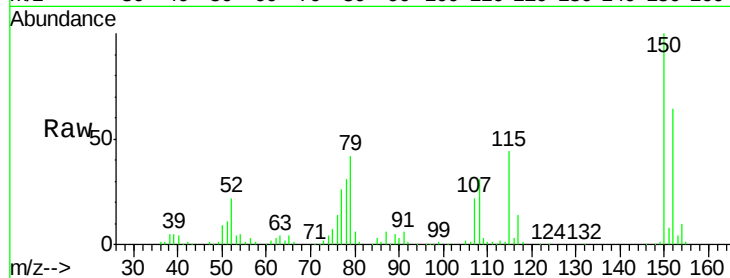
Tgt Ion: 79 Resp: 100714

Ion Ratio Lower Upper

79 100

108 75.7 65.0 97.4

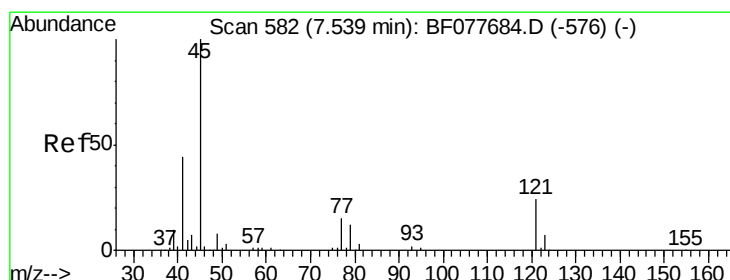
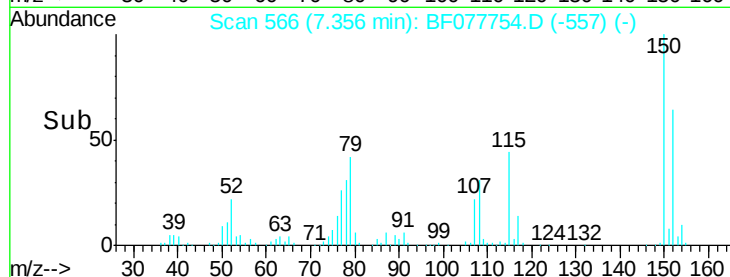
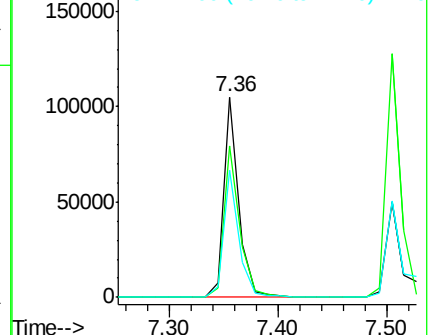
77 63.6 53.0 79.6



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.72 ng

RT: 7.54 min Scan# 582

Delta R.T. 0.00 min

Lab File: BF077754.D

Acq: 16 Mar 2015 15:51

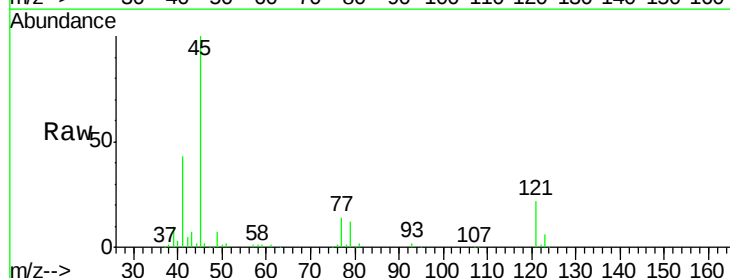
Tgt Ion: 45 Resp: 160013

Ion Ratio Lower Upper

45 100

77 14.3 0.0 35.2

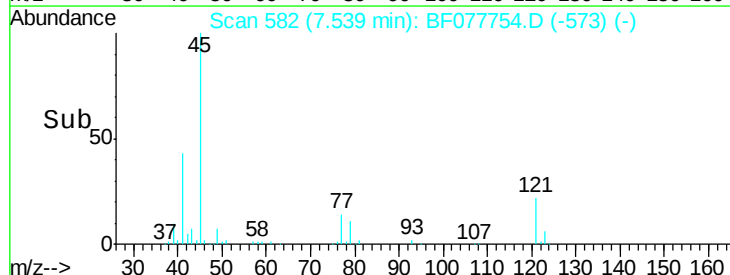
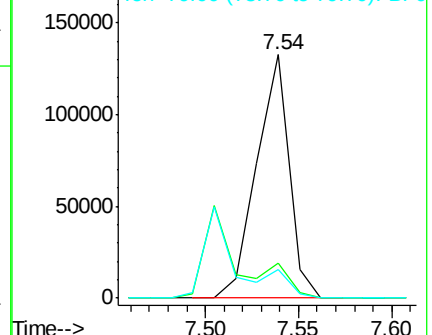
79 11.5 0.0 32.0

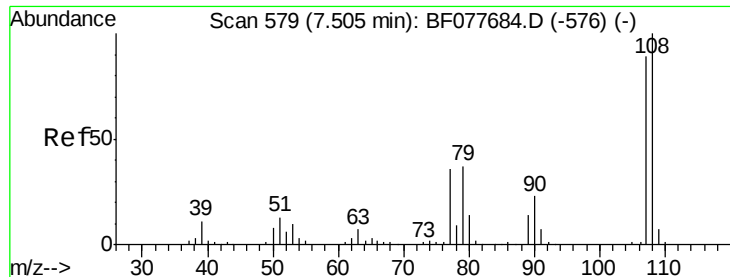


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

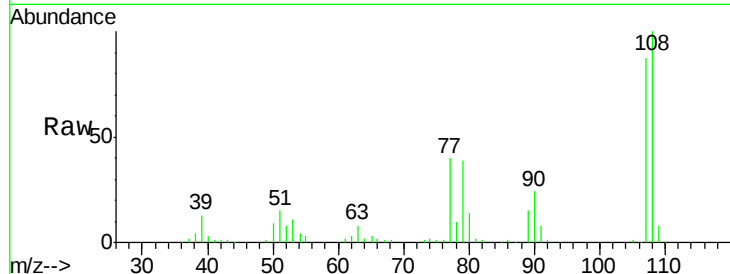




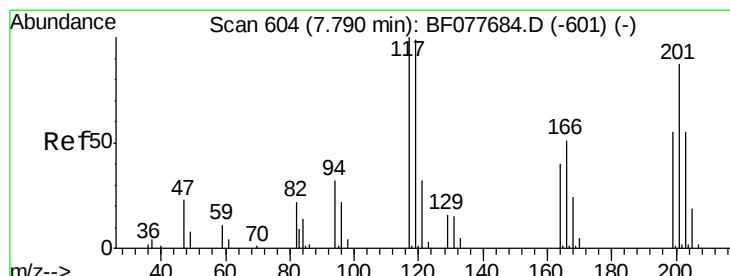
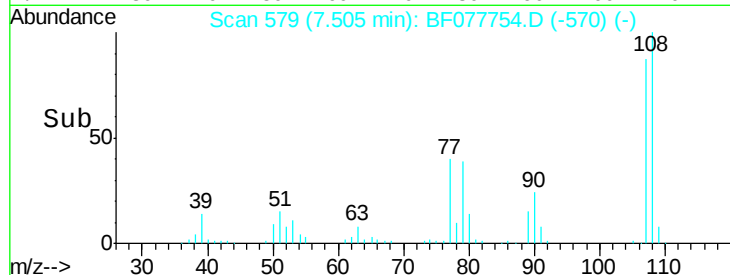
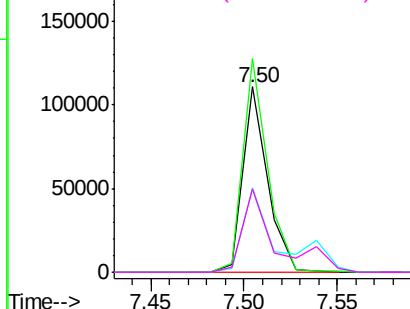
#17
2-Methylphenol
Concen: 32.51 ng
RT: 7.50 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF077754.D
Acq: 16 Mar 2015 15:51

Instrument :
BNA_F
ClientSampleId :
PB82120BS

Tgt Ion:	107	Resp:	101396
Ion	Ratio	Lower	Upper
107	100		
108	115.4	89.8	134.8
77	45.9	32.6	48.8
79	45.2	32.8	49.2

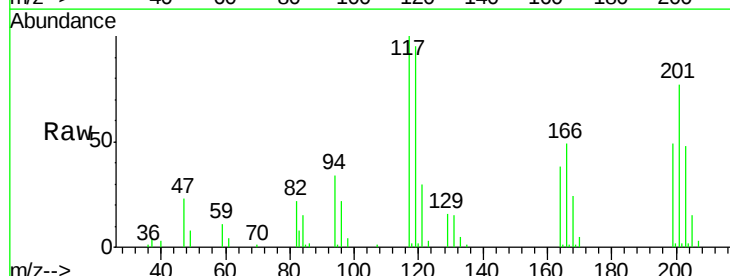


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

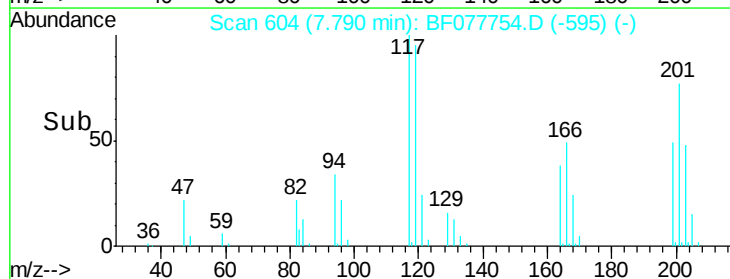
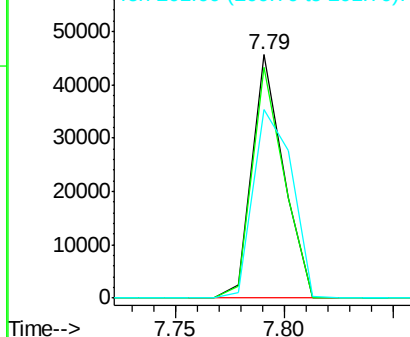


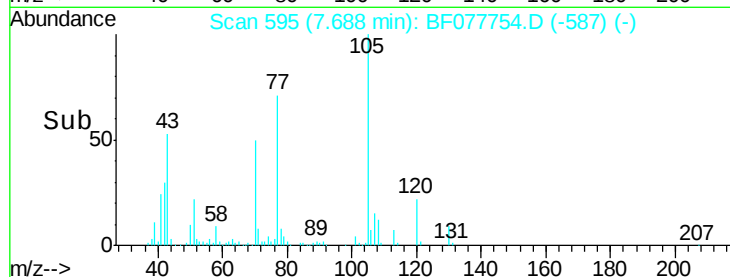
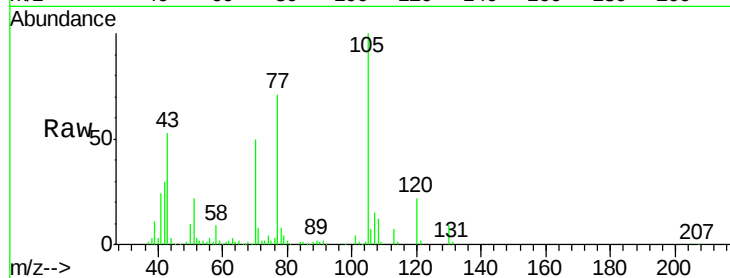
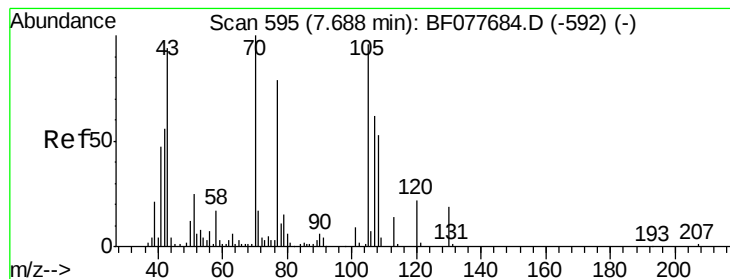
#18
Hexachloroethane
Concen: 31.61 ng
RT: 7.79 min Scan# 604
Delta R.T. 0.00 min
Lab File: BF077754.D
Acq: 16 Mar 2015 15:51

Tgt Ion:	117	Resp:	45899
Ion	Ratio	Lower	Upper
117	100		
119	94.7	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: 32.05 ng

RT: 7.69 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF077754.D

Acq: 16 Mar 2015 15:51

Instrument :

BNA_F

ClientSampleId :

PB82120BS

Tgt Ion: 70 Resp: 88166

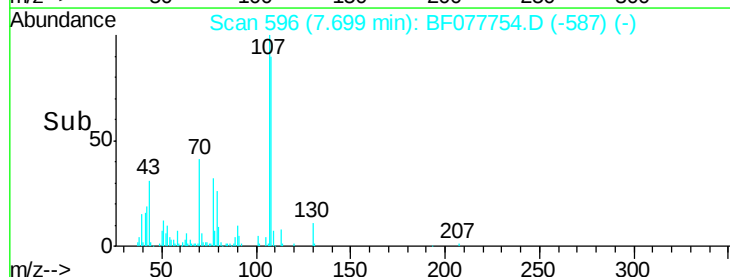
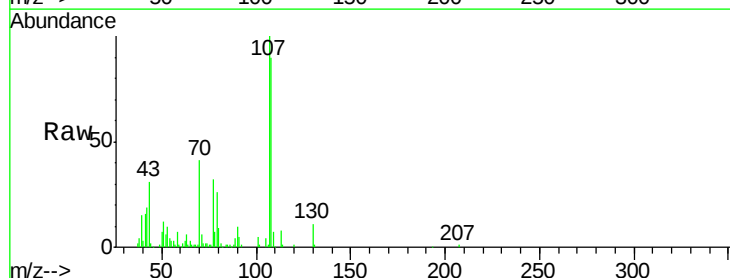
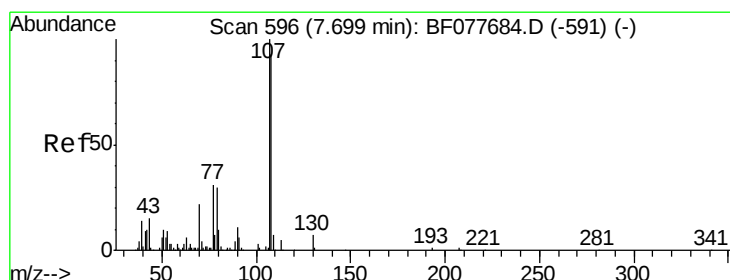
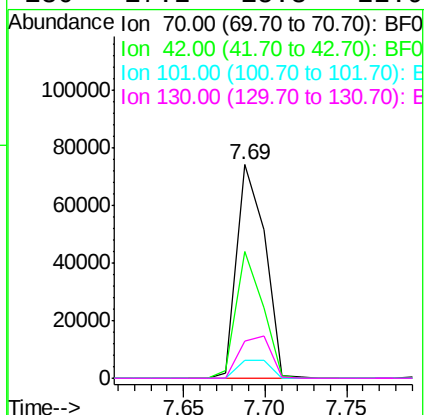
Ion Ratio Lower Upper

70 100

42 59.1 44.5 66.7

101 8.5 7.4 11.2

130 17.2 15.3 22.9



#20

3+4-Methylphenols

Concen: 33.64 ng

RT: 7.70 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF077754.D

Acq: 16 Mar 2015 15:51

Tgt Ion: 107 Resp: 137658

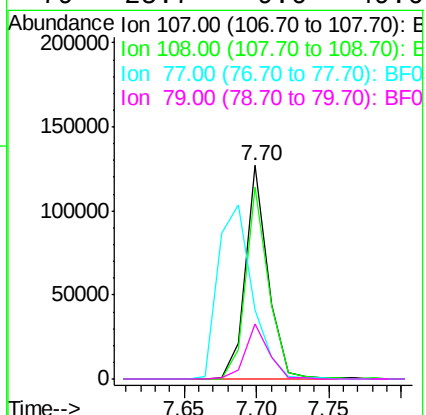
Ion Ratio Lower Upper

107 100

108 90.0 73.2 113.2

77 32.1 10.7 50.7

79 25.7 9.6 49.6

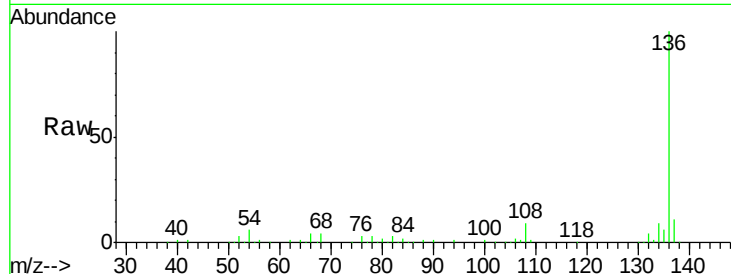




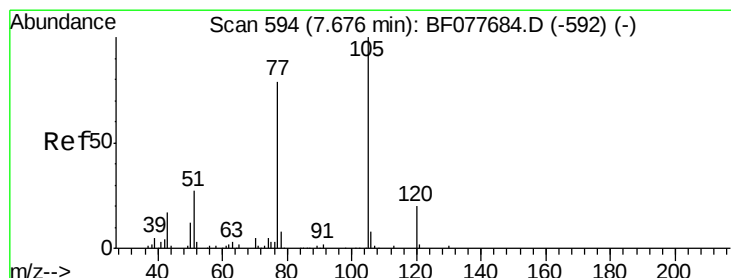
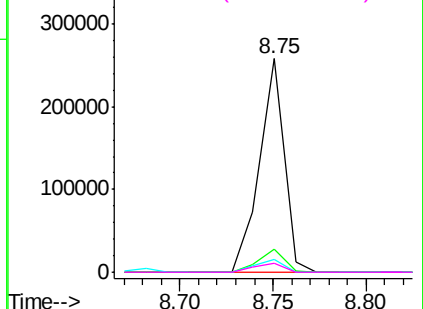
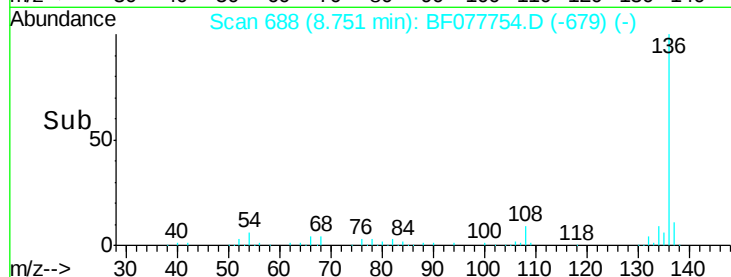
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.75 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF077754.D
Acq: 16 Mar 2015 15:51

Instrument :
BNA_F
ClientSampleId :
PB82120BS

Tgt Ion:	136	Resp:	236179
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.7	13.1
54	6.1	4.6	6.8
68	4.5	3.7	5.5

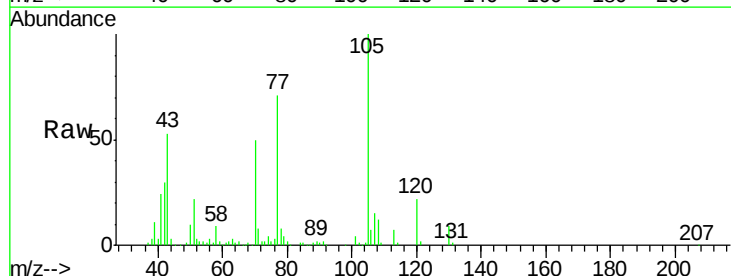


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

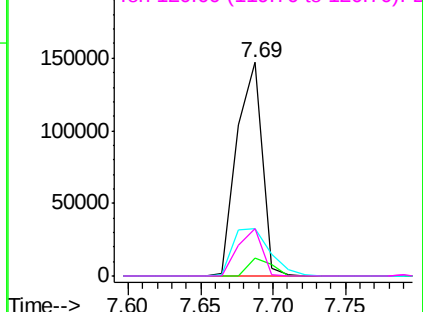
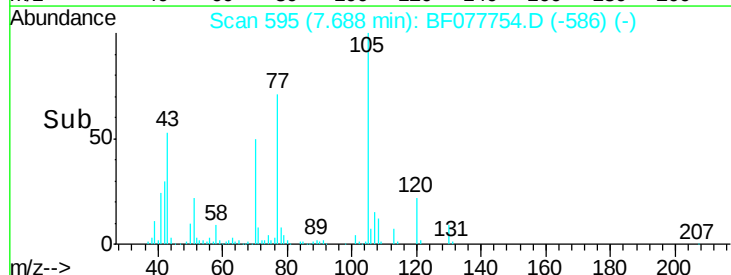


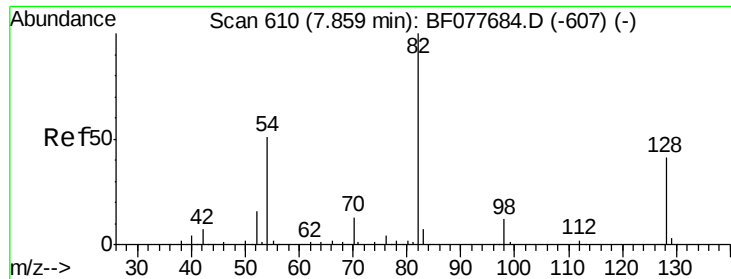
#22
Acetophenone
Concen: 34.07 ng
RT: 7.69 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF077754.D
Acq: 16 Mar 2015 15:51

Tgt Ion:	105	Resp:	178109
Ion Ratio	Lower	Upper	
105	100		
71	8.3	0.6	1.0#
51	22.0	21.6	32.4
120	22.1	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

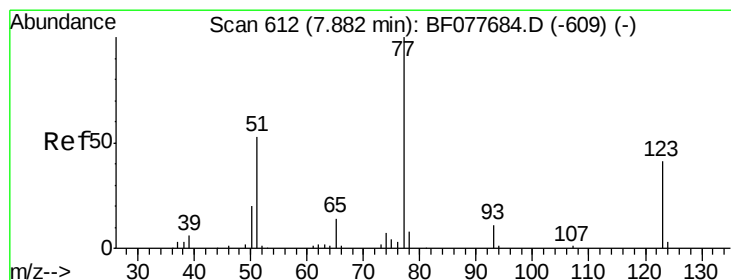
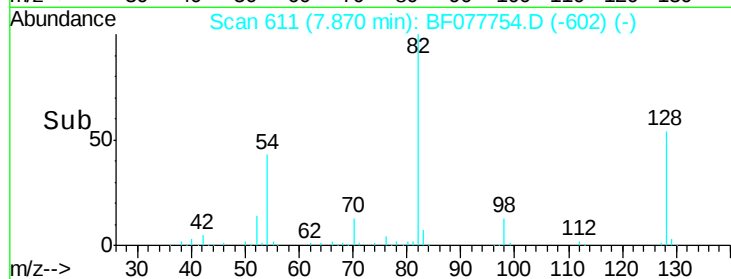
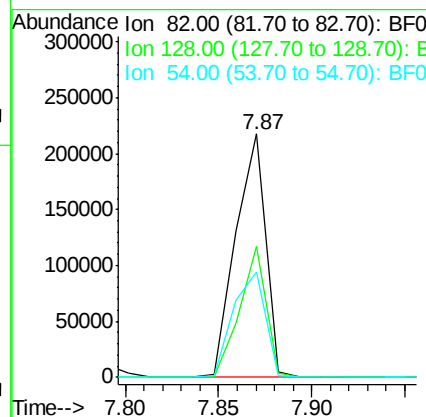
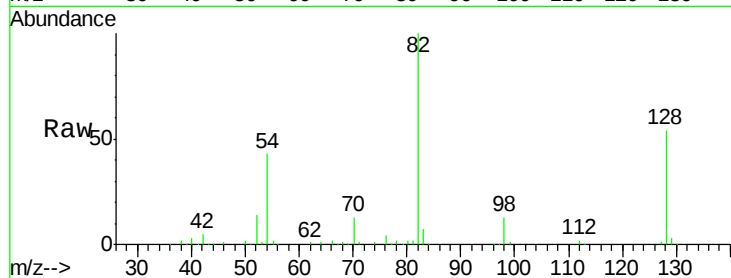




#23
 Nitrobenzene-d5
 Concen: 67.74 ng
 RT: 7.87 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF077754.D
 Acq: 16 Mar 2015 15:51

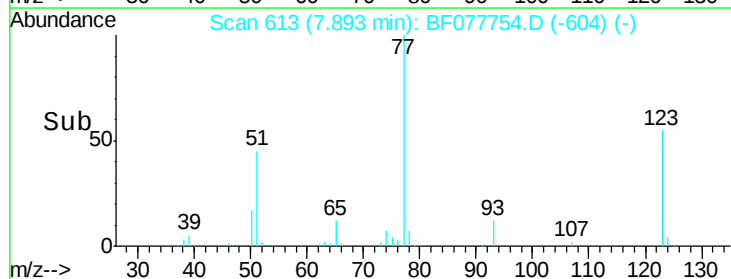
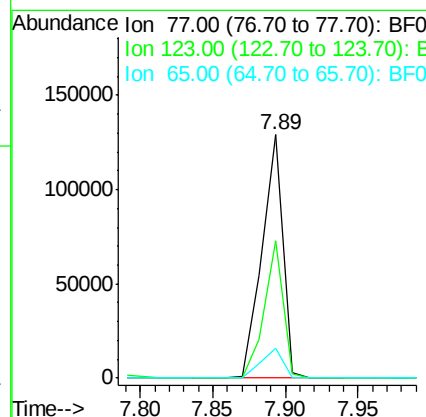
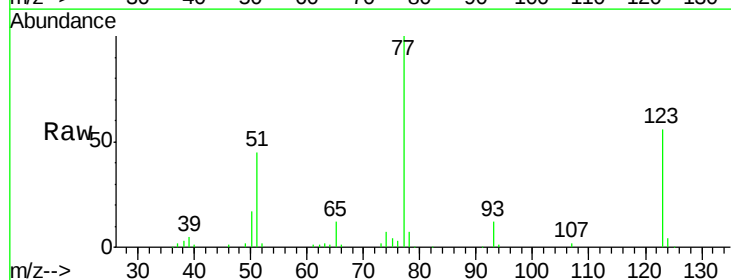
Instrument :
 BNA_F
 ClientSampleId :
 PB82120BS

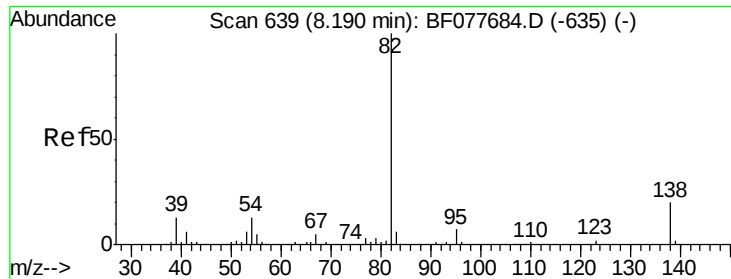
Tgt Ion: 82 Resp: 244049
 Ion Ratio Lower Upper
 82 100
 128 53.6 32.8 49.2#
 54 43.1 40.6 60.8



#24
 Nitrobenzene
 Concen: 33.29 ng
 RT: 7.89 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF077754.D
 Acq: 16 Mar 2015 15:51

Tgt Ion: 77 Resp: 129230
 Ion Ratio Lower Upper
 77 100
 123 56.4 32.6 49.0#
 65 12.2 10.9 16.3

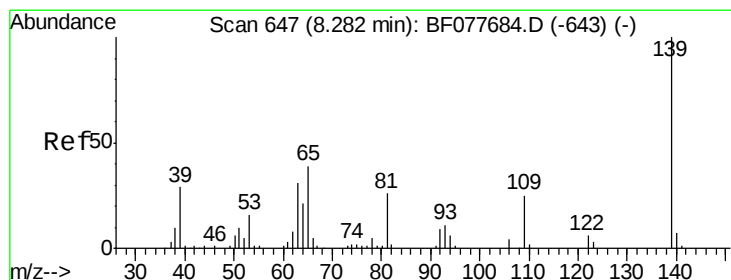
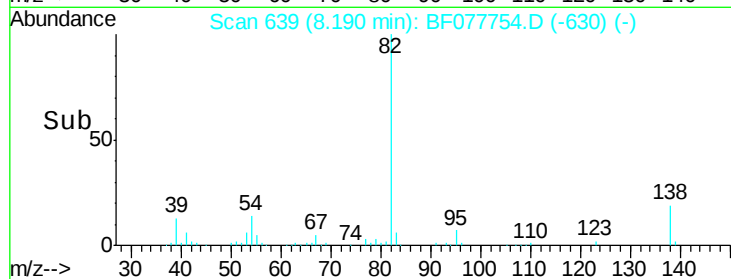
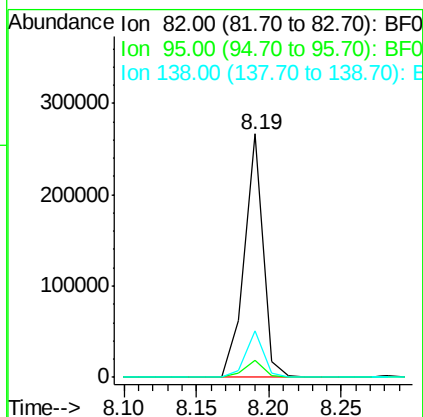
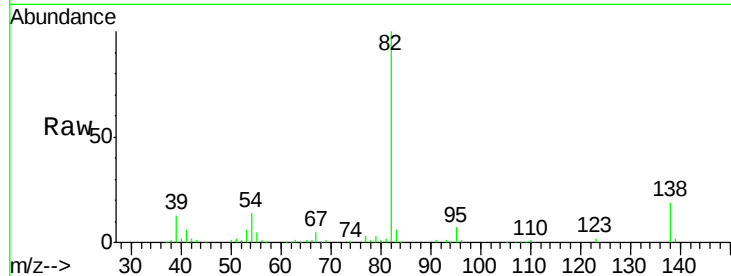




#25
Isophorone
Concen: 32.94 ng
RT: 8.19 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF077754.D
Acq: 16 Mar 2015 15:51

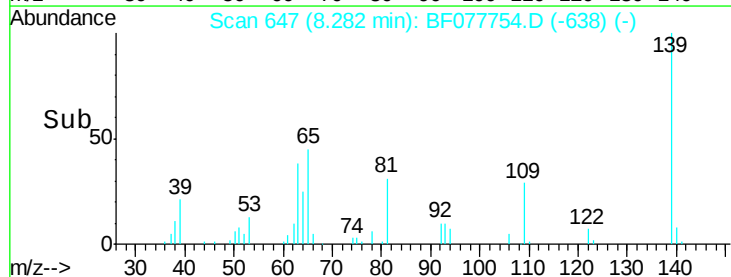
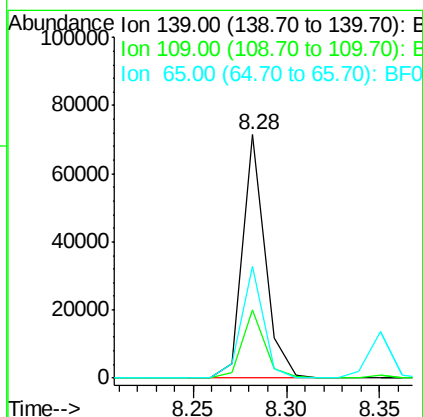
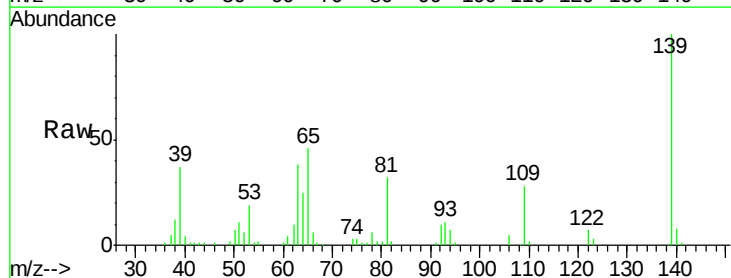
Instrument :
BNA_F
ClientSampleId :
PB82120BS

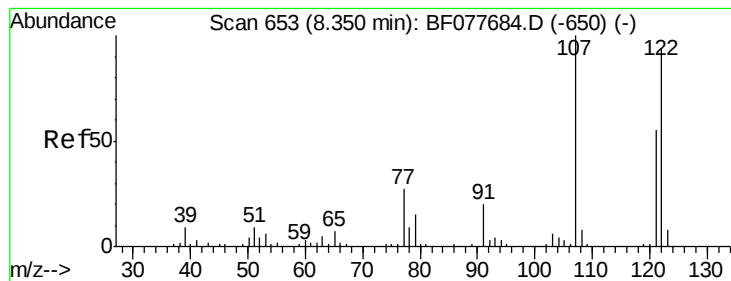
Tgt Ion: 82 Resp: 239664
Ion Ratio Lower Upper
82 100
95 7.0 5.8 8.6
138 19.0 16.3 24.5



#26
2-Nitrophenol
Concen: 31.99 ng
RT: 8.28 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF077754.D
Acq: 16 Mar 2015 15:51

Tgt Ion: 139 Resp: 60793
Ion Ratio Lower Upper
139 100
109 28.1 20.1 30.1
65 46.0 31.5 47.3





#27

2,4-Dimethylphenol

Concen: 35.63 ng

RT: 8.35 min Scan# 653

Delta R.T. 0.00 min

Lab File: BF077754.D

Acq: 16 Mar 2015 15:51

Instrument :

BNA_F

ClientSampleId :

PB82120BS

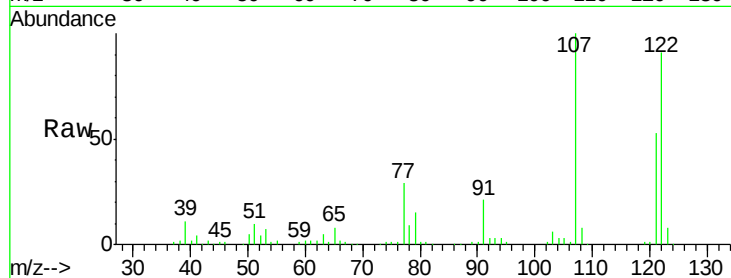
Tgt Ion: 122 Resp: 123354

Ion Ratio Lower Upper

122 100

107 109.8 84.7 127.1

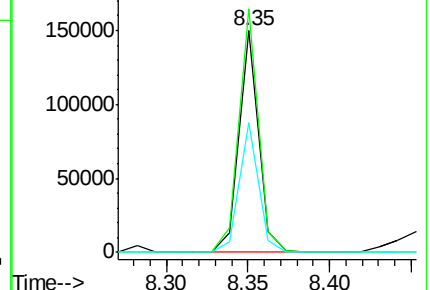
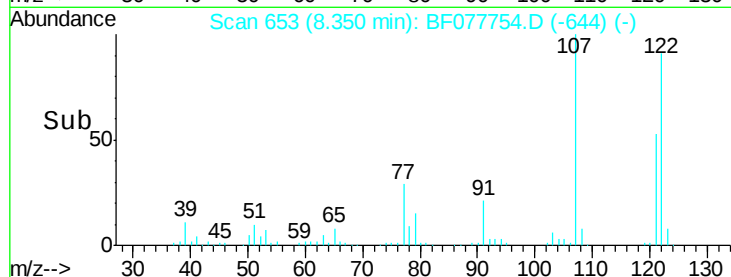
121 58.7 46.6 69.8



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: 33.59 ng

RT: 8.48 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF077754.D

Acq: 16 Mar 2015 15:51

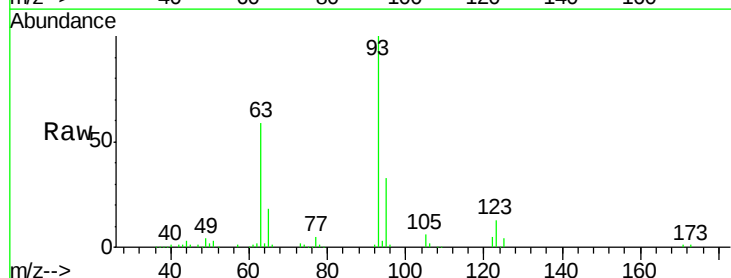
Tgt Ion: 93 Resp: 148335

Ion Ratio Lower Upper

93 100

95 32.5 25.5 38.3

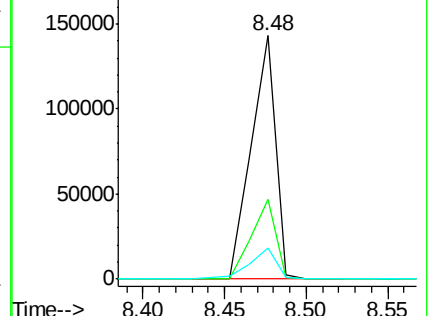
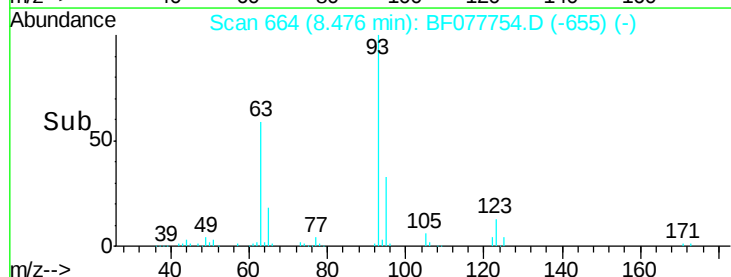
123 12.7 8.6 13.0

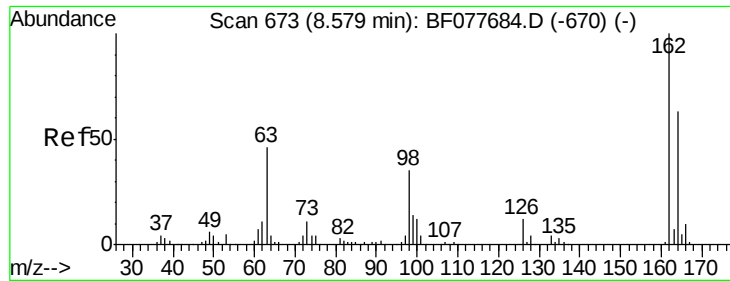


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

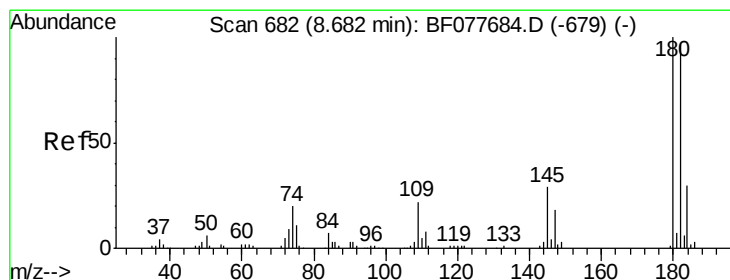
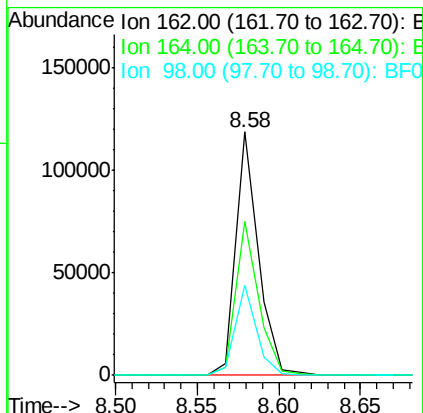
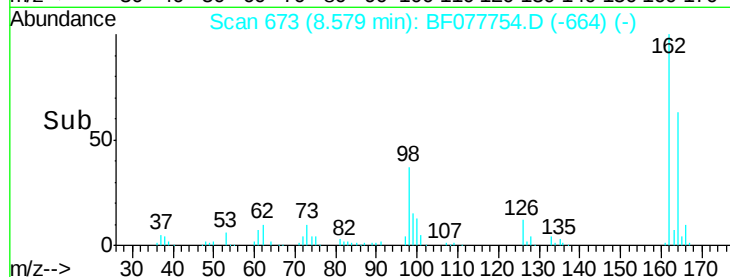
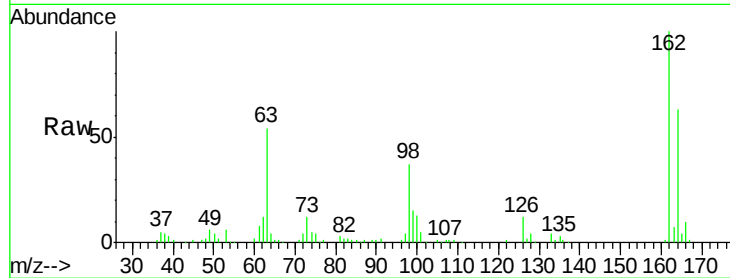




#29
 2,4-Dichlorophenol
 Concen: 34.32 ng
 RT: 8.58 min Scan# 673
 Delta R.T. 0.00 min
 Lab File: BF077754.D
 Acq: 16 Mar 2015 15:51

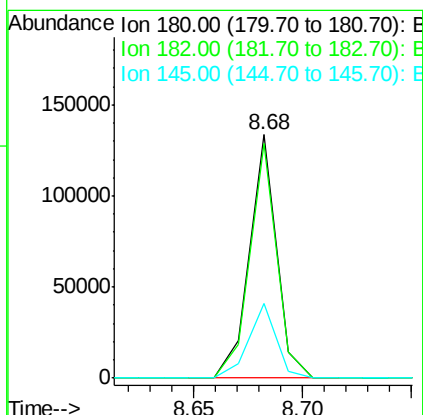
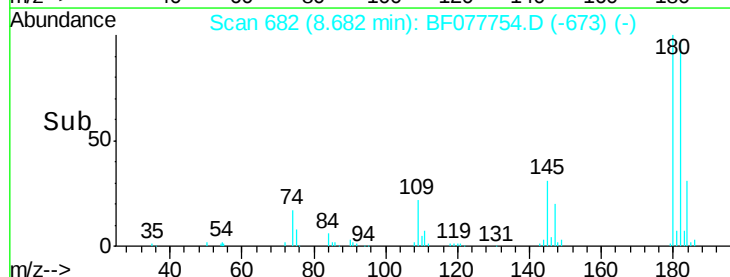
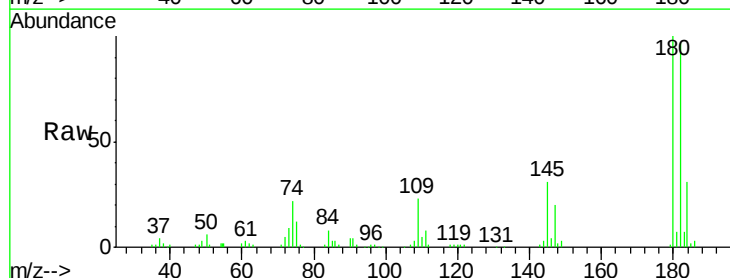
Instrument :
 BNA_F
 ClientSampleId :
 PB82120BS

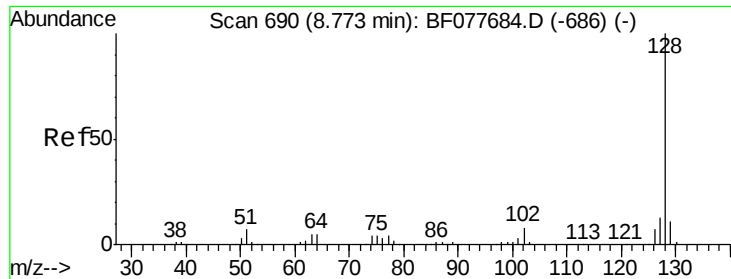
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.3	42.8	82.8
98	36.8	14.5	54.5



#30
 1,2,4-Trichlorobenzene
 Concen: 31.27 ng
 RT: 8.68 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF077754.D
 Acq: 16 Mar 2015 15:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	77.6	116.4
145	30.6	23.4	35.2

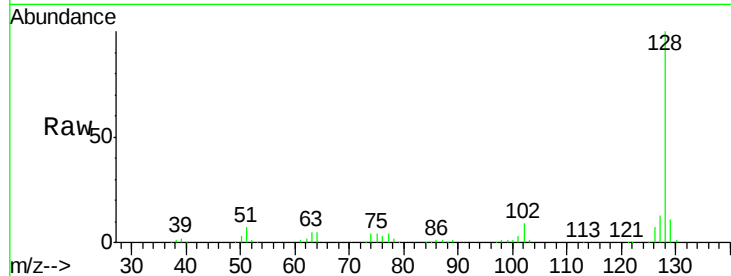




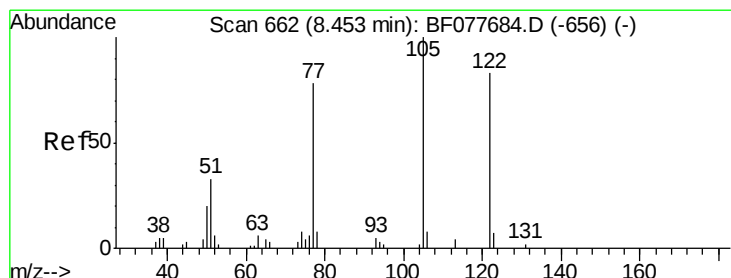
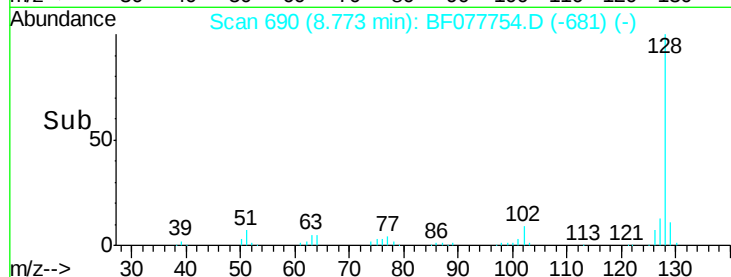
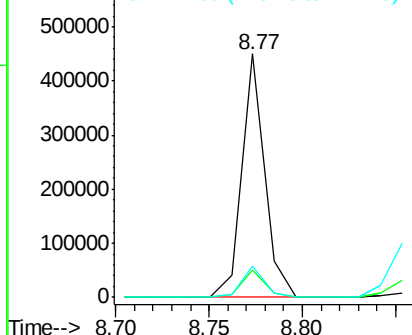
#31
Naphthalene
Concen: 31.66 ng
RT: 8.77 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF077754.D
Acq: 16 Mar 2015 15:51

Instrument :
BNA_F
ClientSampleId :
PB82120BS

Tgt Ion:128 Resp: 384045
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 12.9 10.4 15.6

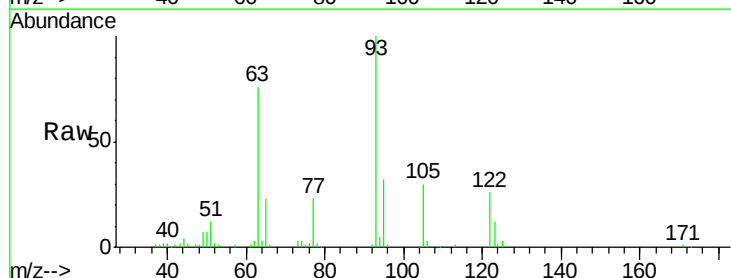


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

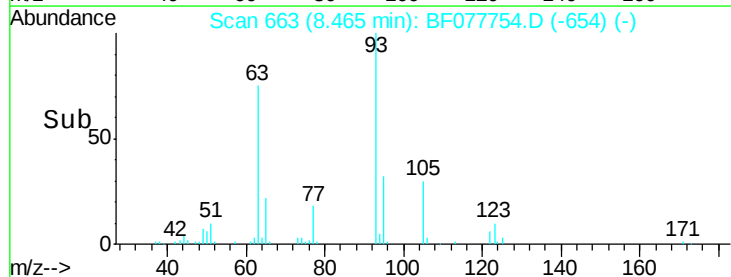
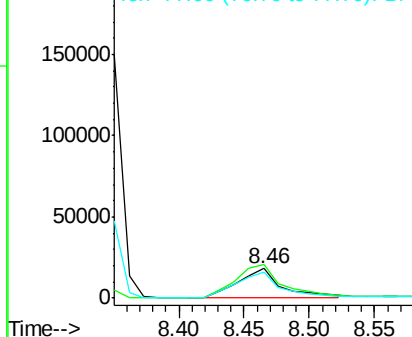


#32
Benzoic acid
Concen: 23.05 ng
RT: 8.46 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF077754.D
Acq: 16 Mar 2015 15:51

Tgt Ion:122 Resp: 41204
Ion Ratio Lower Upper
122 100
105 116.1 99.9 139.9
77 88.7 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

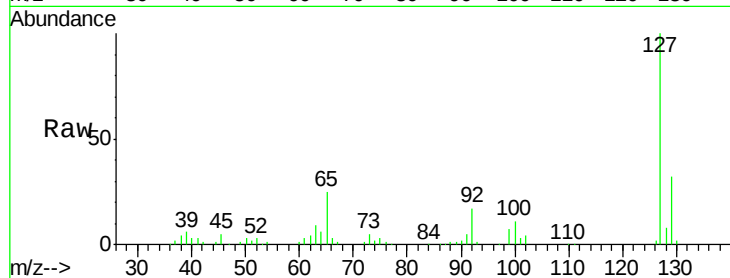




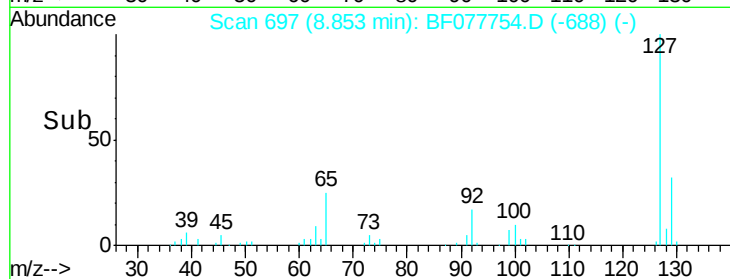
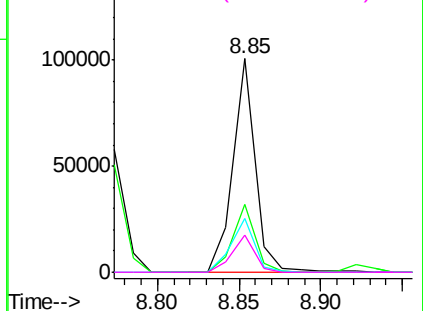
#33
4-Chloroaniline
Concen: 19.24 ng
RT: 8.85 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF077754.D
Acq: 16 Mar 2015 15:51

Instrument :
BNA_F
ClientSampleId :
PB82120BS

Tgt Ion:	127	Resp:	94736
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.3	37.9
65	25.0	17.6	26.4
92	17.3	13.1	19.7

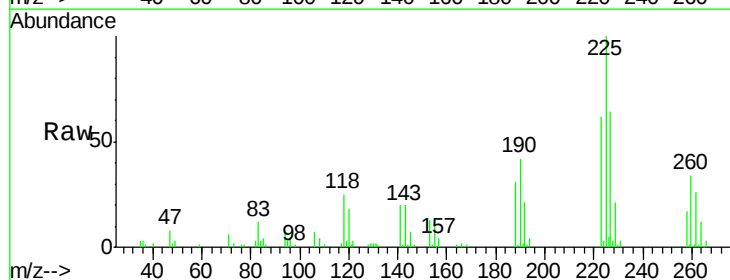


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

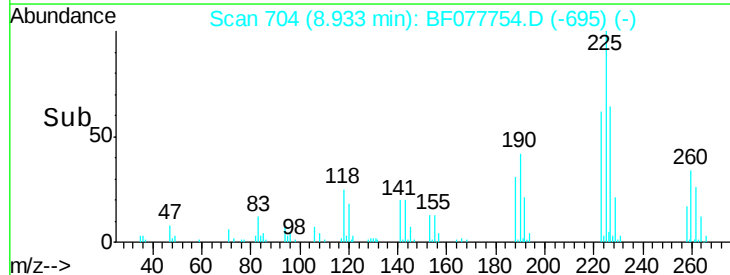
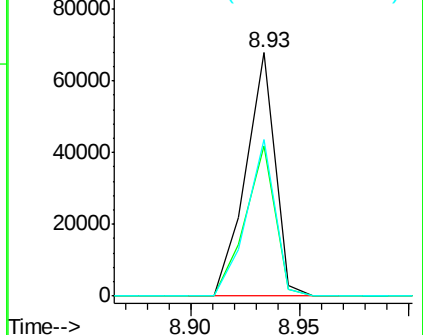


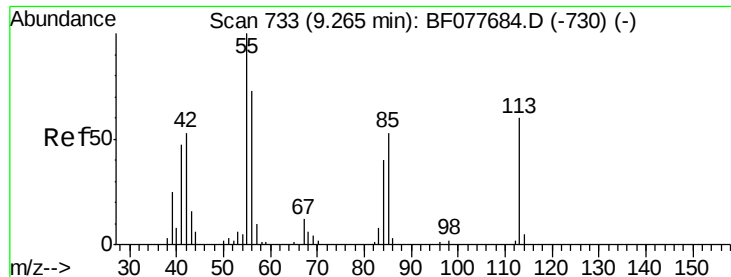
#34
Hexachlorobutadiene
Concen: 30.41 ng
RT: 8.93 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF077754.D
Acq: 16 Mar 2015 15:51

Tgt Ion:	225	Resp:	63646
Ion	Ratio	Lower	Upper
225	100		
223	61.7	47.9	71.9
227	64.4	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

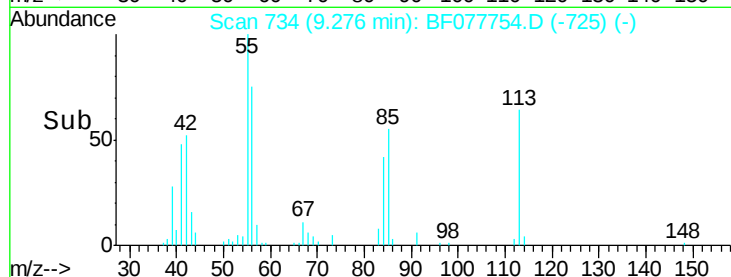
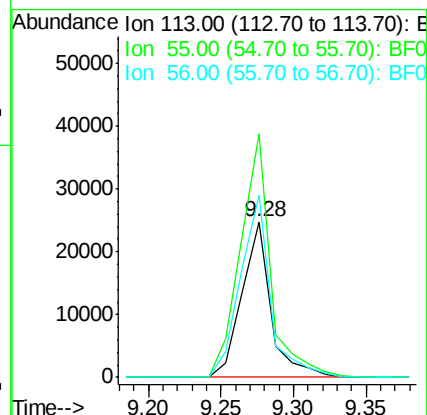
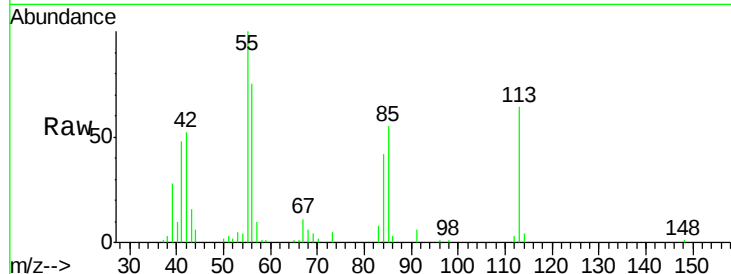




#35
 Caprolactam
 Concen: 35.62 ng
 RT: 9.28 min Scan# 734
 Delta R.T. 0.00 min
 Lab File: BF077754.D
 Acq: 16 Mar 2015 15:51

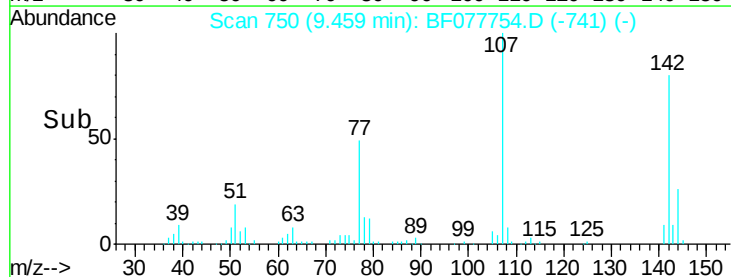
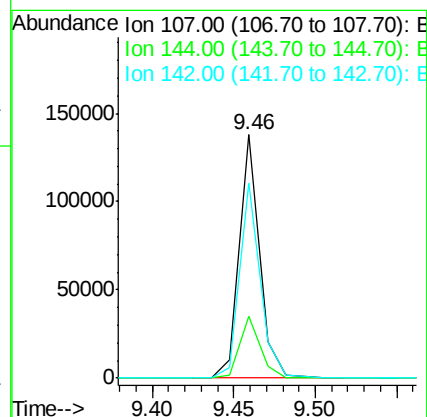
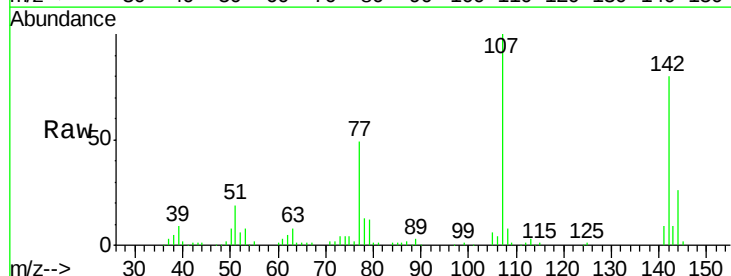
Instrument :
 BNA_F
 ClientSampleId :
 PB82120BS

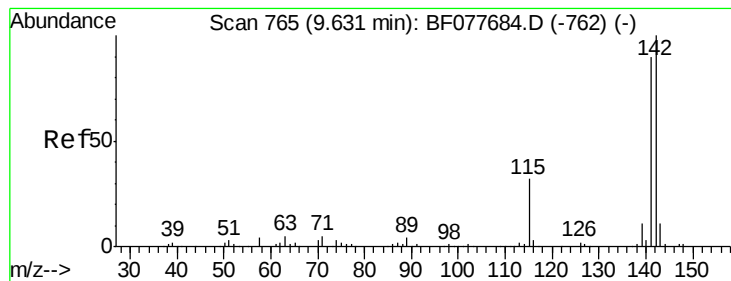
Tgt Ion:113 Resp: 34354
 Ion Ratio Lower Upper
 113 100
 55 156.7 145.9 185.9
 56 117.1 101.0 141.0



#36
 4-Chloro-3-methylphenol
 Concen: 35.43 ng
 RT: 9.46 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF077754.D
 Acq: 16 Mar 2015 15:51

Tgt Ion:107 Resp: 117625
 Ion Ratio Lower Upper
 107 100
 144 25.6 23.3 34.9
 142 80.3 72.6 109.0

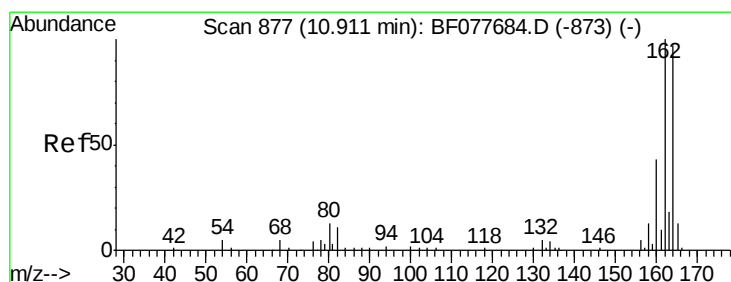
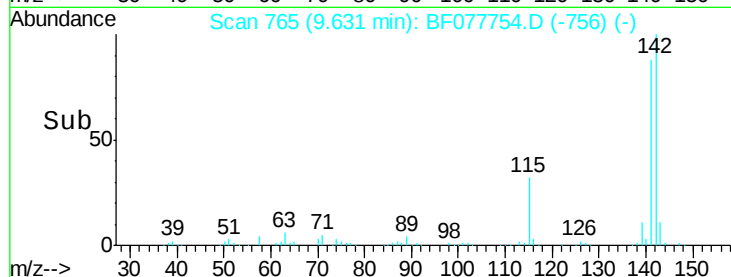
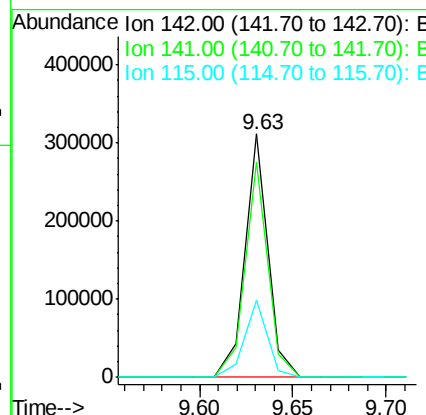
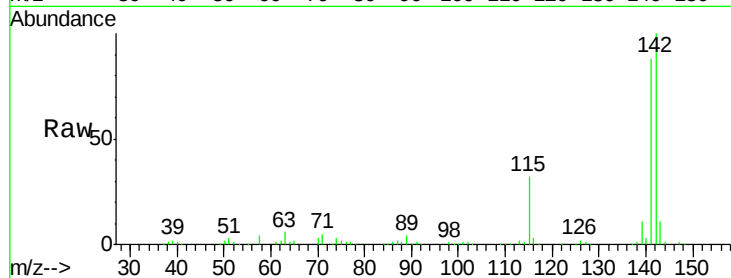




#37
 2-Methylnaphthalene
 Concen: 32.77 ng
 RT: 9.63 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BF077754.D
 Acq: 16 Mar 2015 15:51

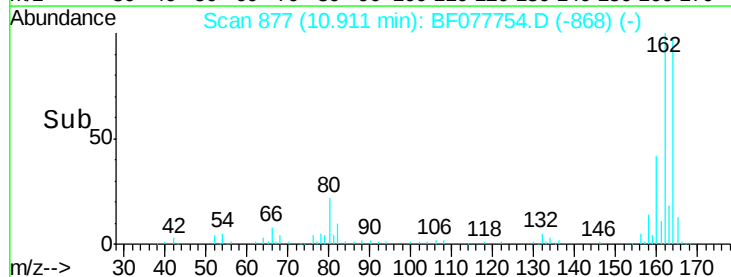
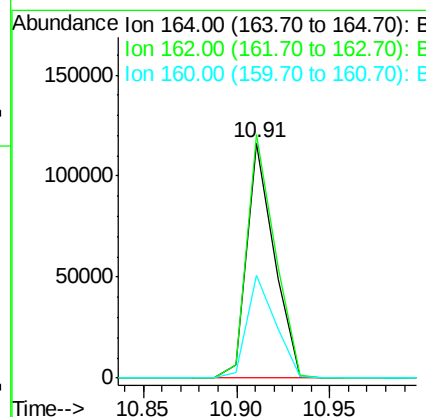
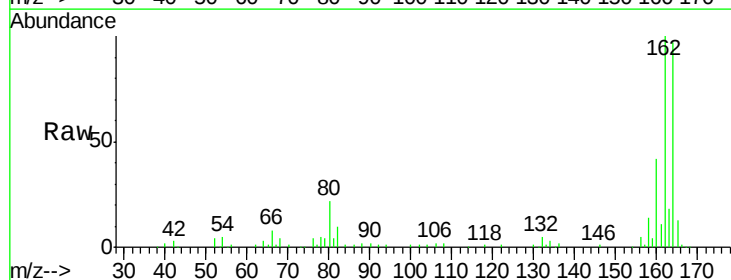
Instrument :
 BNA_F
 ClientSampleId :
 PB82120BS

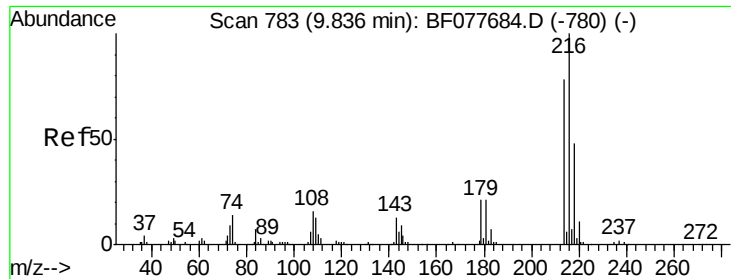
Tgt Ion:142 Resp: 267070
 Ion Ratio Lower Upper
 142 100
 141 88.3 71.9 107.9
 115 31.9 25.4 38.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.91 min Scan# 877
 Delta R.T. 0.00 min
 Lab File: BF077754.D
 Acq: 16 Mar 2015 15:51

Tgt Ion:164 Resp: 118161
 Ion Ratio Lower Upper
 164 100
 162 103.6 82.4 123.6
 160 43.9 35.8 53.6

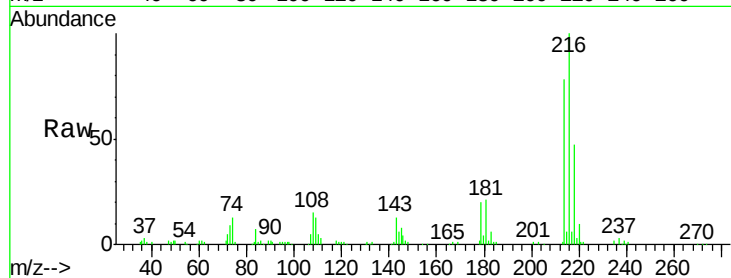




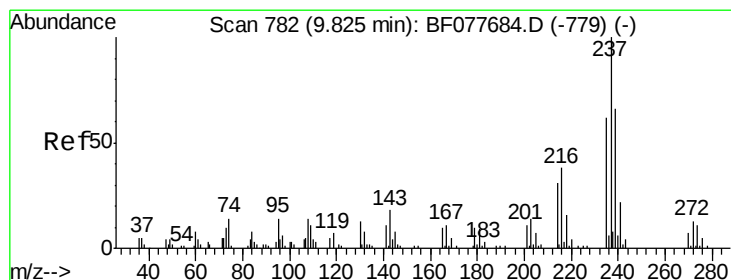
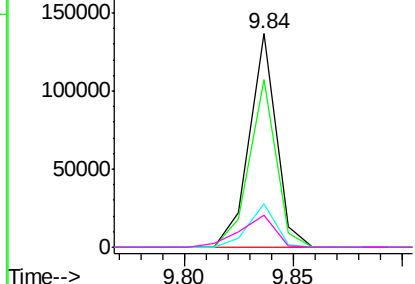
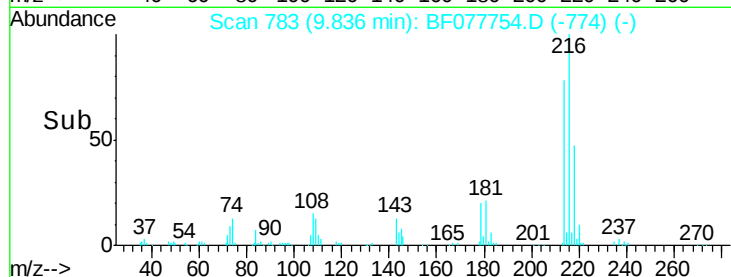
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.46 ng
 RT: 9.84 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF077754.D
 Acq: 16 Mar 2015 15:51

Instrument :
 BNA_F
 ClientSampleId :
 PB82120BS

Tgt Ion:	216	Resp:	117927
Ion	Ratio	Lower	Upper
216	100		
214	78.1	0.0	0.0#
179	20.7	0.0	0.0#
108	19.8	0.0	0.0#

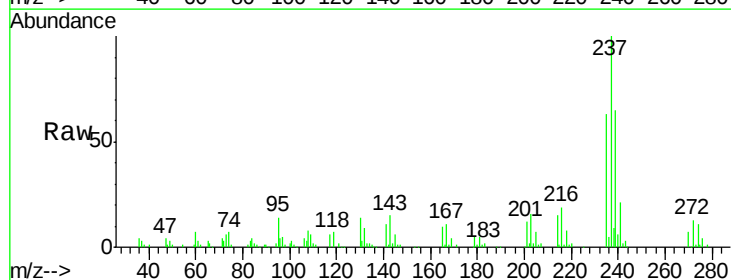


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

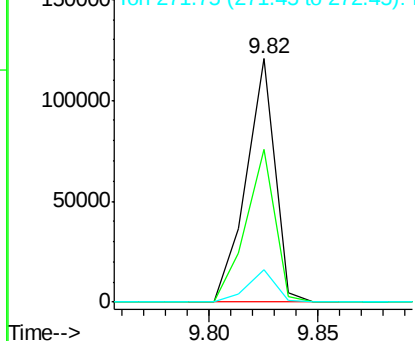
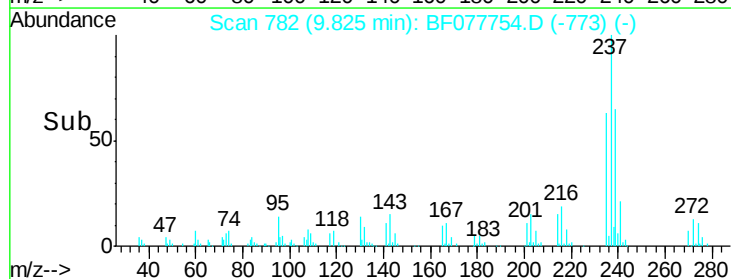


#40
 Hexachlorocyclopentadiene
 Concen: 63.54 ng
 RT: 9.82 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF077754.D
 Acq: 16 Mar 2015 15:51

Tgt Ion:	237	Resp:	110898
Ion	Ratio	Lower	Upper
237	100		
235	62.7	42.0	82.0
272	13.3	0.0	33.4



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

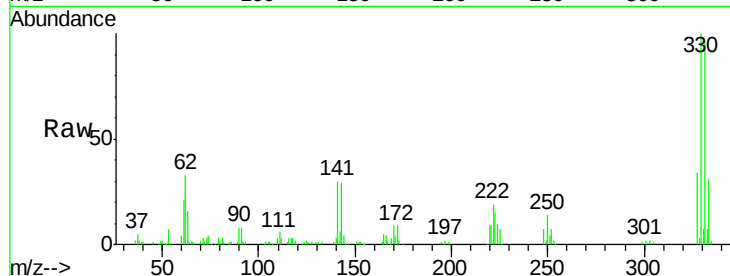




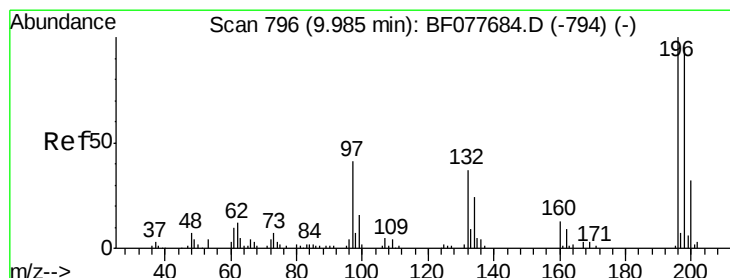
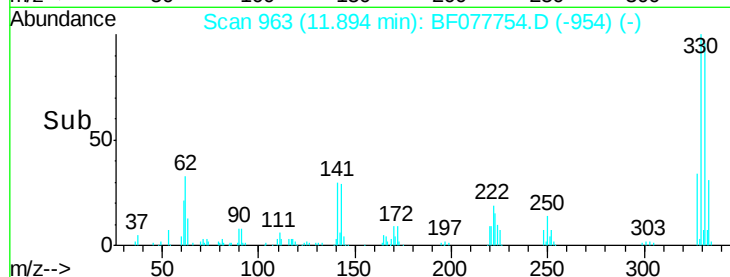
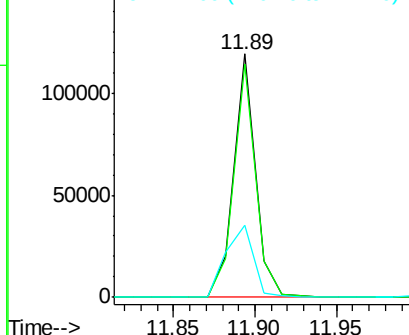
#41
 2,4,6-Tribromophenol
 Concen: 97.32 ng
 RT: 11.89 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BF077754.D
 Acq: 16 Mar 2015 15:51

Instrument :
 BNA_F
 ClientSampleId :
 PB82120BS

Tgt Ion:330 Resp: 110022
 Ion Ratio Lower Upper
 330 100
 332 96.5 0.0 0.0#
 141 37.7 0.0 0.0#

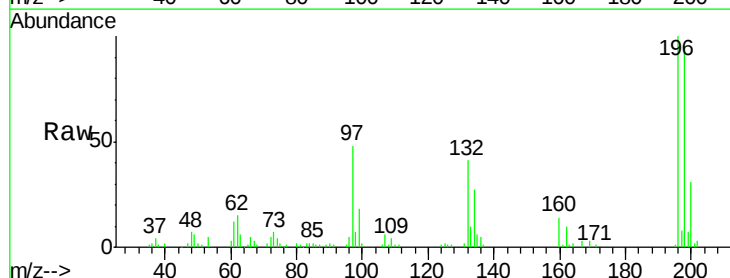


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

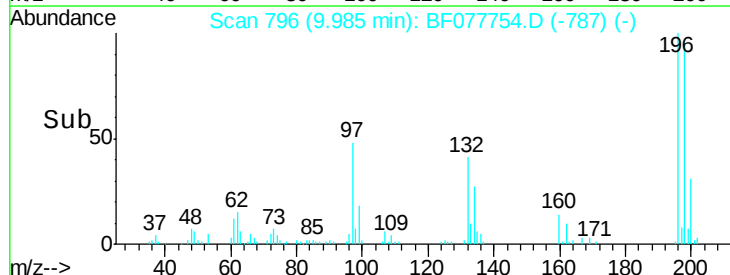
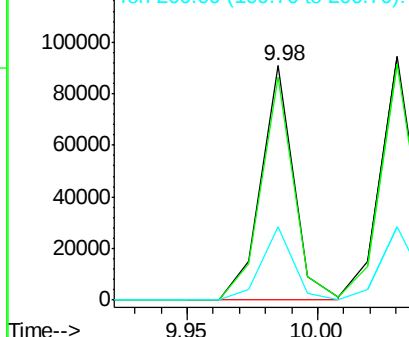


#42
 2,4,6-Trichlorophenol
 Concen: 32.54 ng
 RT: 9.98 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF077754.D
 Acq: 16 Mar 2015 15:51

Tgt Ion:196 Resp: 79448
 Ion Ratio Lower Upper
 196 100
 198 95.3 76.3 114.5
 200 31.1 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

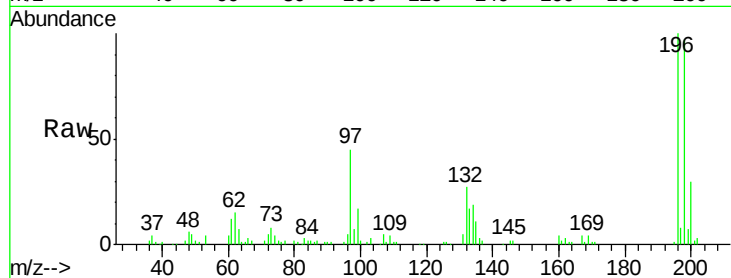




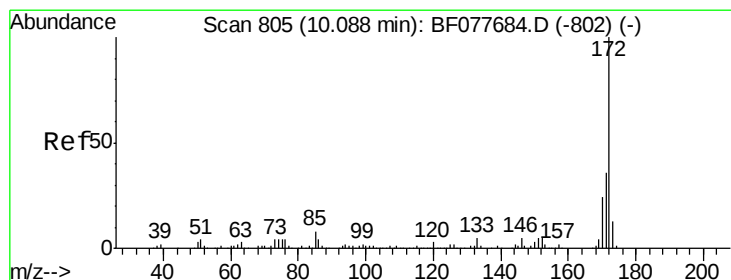
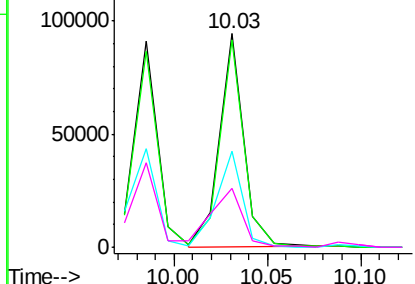
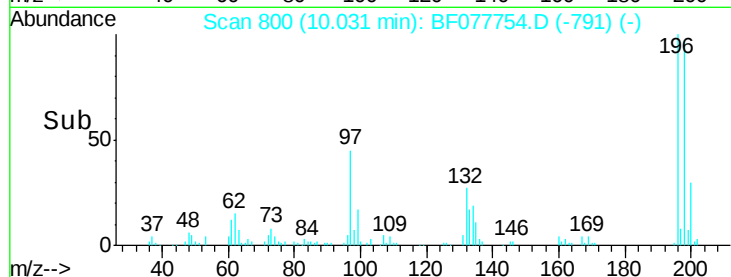
#43
 2,4,5-Trichlorophenol
 Concen: 32.40 ng
 RT: 10.03 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF077754.D
 Acq: 16 Mar 2015 15:51

Instrument :
 BNA_F
 ClientSampleId :
 PB82120BS

Tgt Ion:196 Resp: 85452
 Ion Ratio Lower Upper
 196 100
 198 97.0 79.4 119.0
 97 45.1 26.8 40.2#
 132 27.3 18.6 28.0

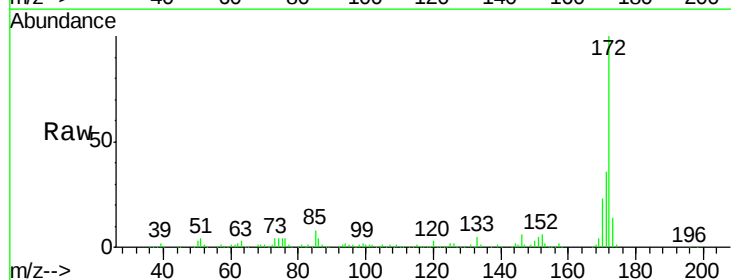


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

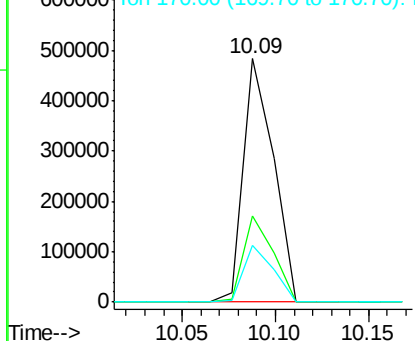
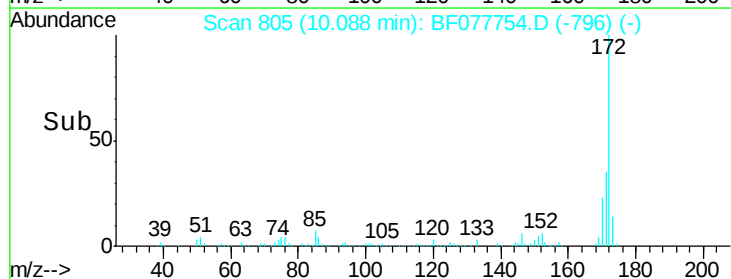


#44
 2-Fluorobiphenyl
 Concen: 67.37 ng
 RT: 10.09 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF077754.D
 Acq: 16 Mar 2015 15:51

Tgt Ion:172 Resp: 541670
 Ion Ratio Lower Upper
 172 100
 171 35.6 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

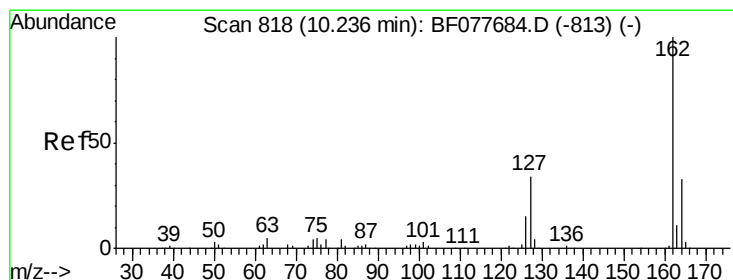
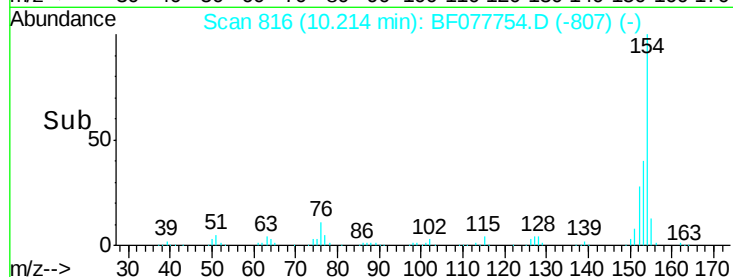
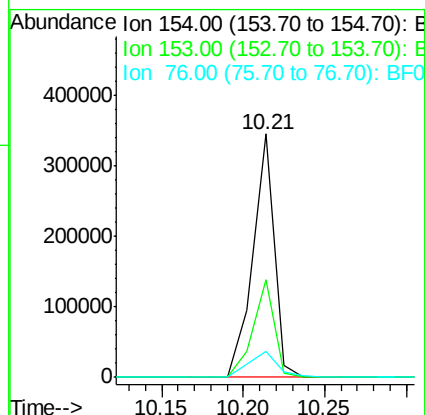
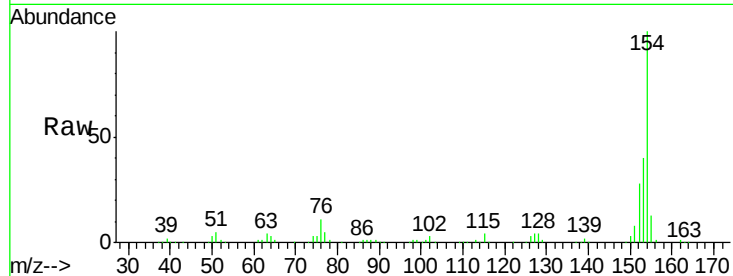




#45
 1,1'-Biphenyl
 Concen: 33.37 ng
 RT: 10.21 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF077754.D
 Acq: 16 Mar 2015 15:51

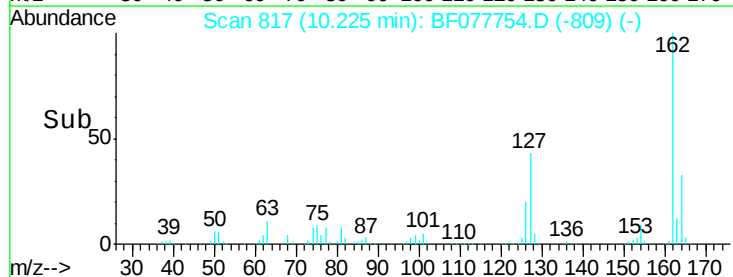
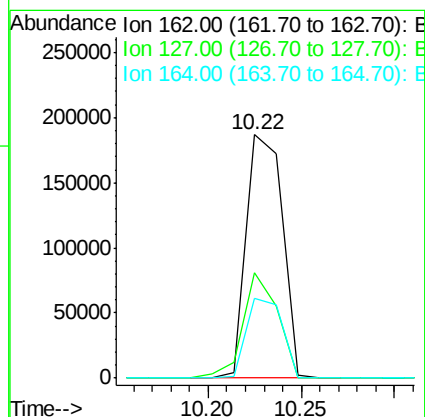
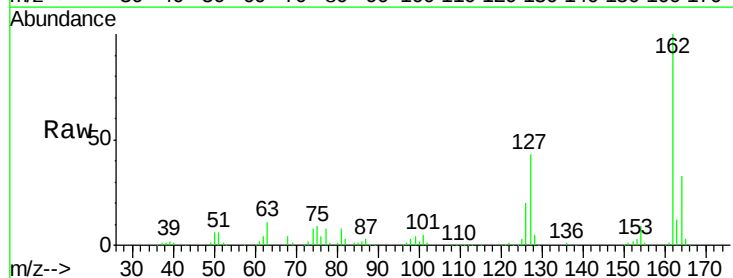
Instrument :
 BNA_F
 ClientSampleId :
 PB82120BS

Tgt Ion:154 Resp: 315173
 Ion Ratio Lower Upper
 154 100
 153 39.9 20.7 60.7
 76 10.7 0.0 30.9



#46
 2-Chloronaphthalene
 Concen: 32.68 ng
 RT: 10.22 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF077754.D
 Acq: 16 Mar 2015 15:51

Tgt Ion:162 Resp: 250823
 Ion Ratio Lower Upper
 162 100
 127 43.1 26.9 40.3#
 164 32.6 26.8 40.2

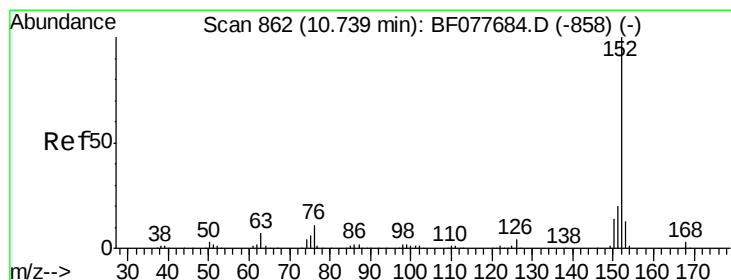
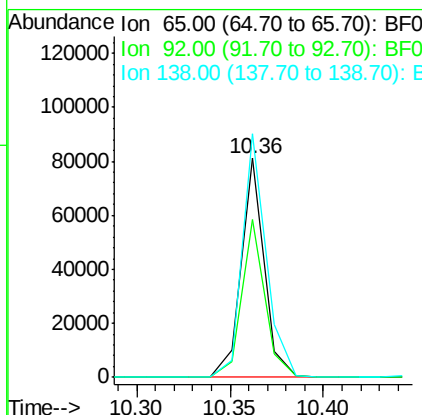
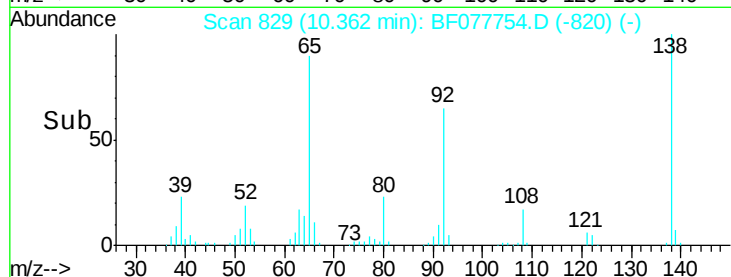
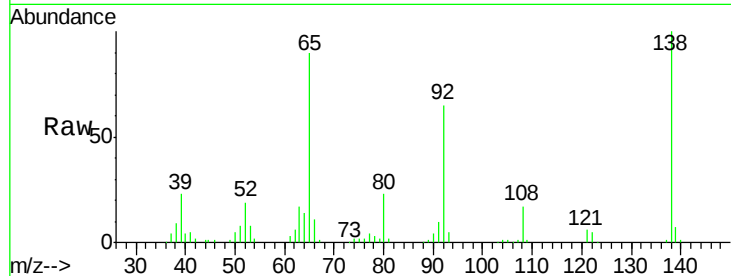




#47
 2-Nitroaniline
 Concen: 36.34 ng
 RT: 10.36 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF077754.D
 Acq: 16 Mar 2015 15:51

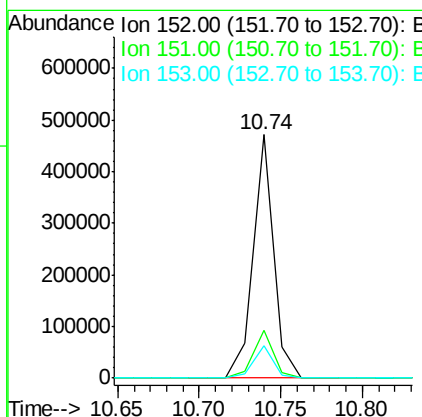
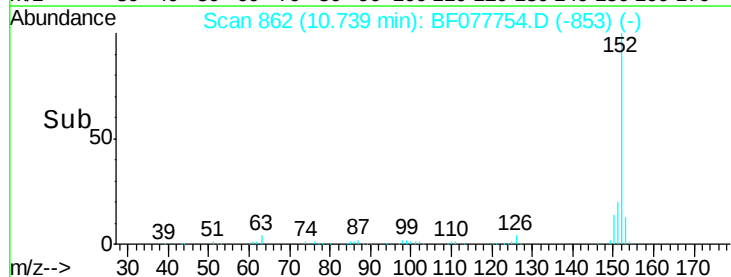
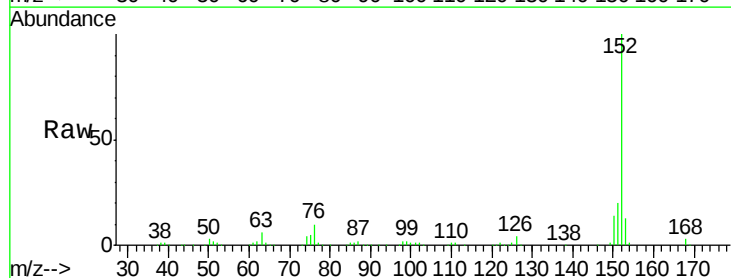
Instrument :
 BNA_F
 ClientSampleId :
 PB82120BS

Tgt Ion: 65 Resp: 69284
 Ion Ratio Lower Upper
 65 100
 92 71.9 59.1 88.7
 138 111.1 93.9 140.9



#48
 Acenaphthylene
 Concen: 32.29 ng
 RT: 10.74 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: BF077754.D
 Acq: 16 Mar 2015 15:51

Tgt Ion: 152 Resp: 412188
 Ion Ratio Lower Upper
 152 100
 151 19.9 15.9 23.9
 153 13.2 10.6 16.0





#49

Dimethylphthalate

Concen: 34.46 ng

RT: 10.60 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF077754.D

Acq: 16 Mar 2015 15:51

Instrument :

BNA_F

ClientSampleId :

PB82120BS

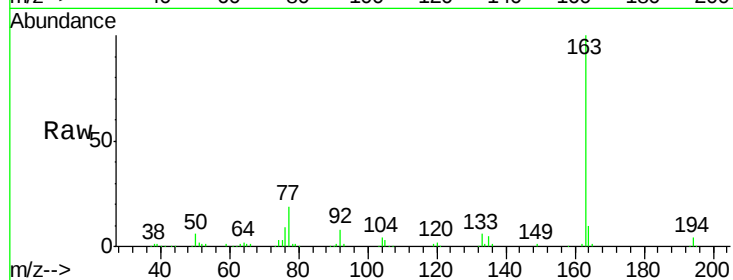
Tgt Ion:163 Resp: 302023

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

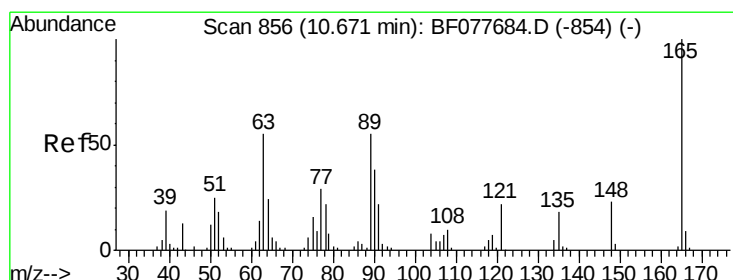
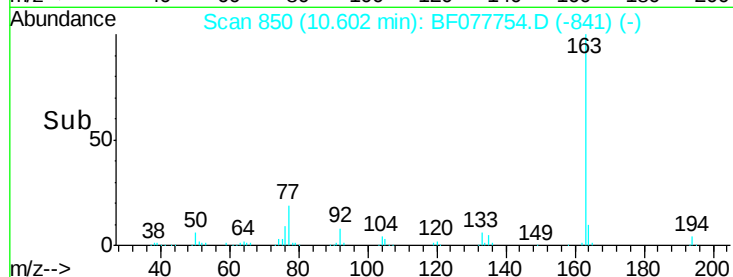
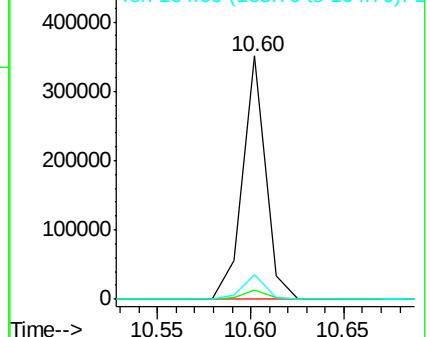
164 10.0 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 34.13 ng

RT: 10.67 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF077754.D

Acq: 16 Mar 2015 15:51

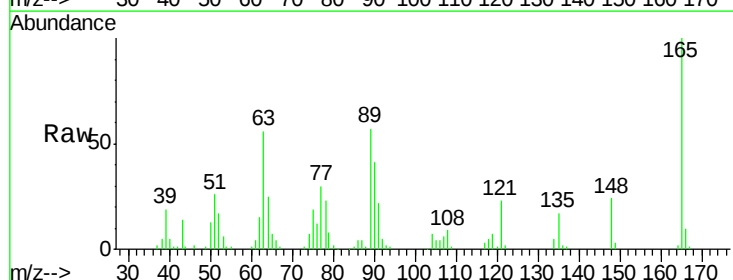
Tgt Ion:165 Resp: 61994

Ion Ratio Lower Upper

165 100

63 56.0 44.1 66.1

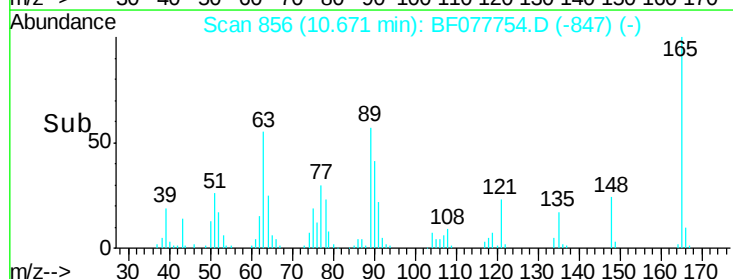
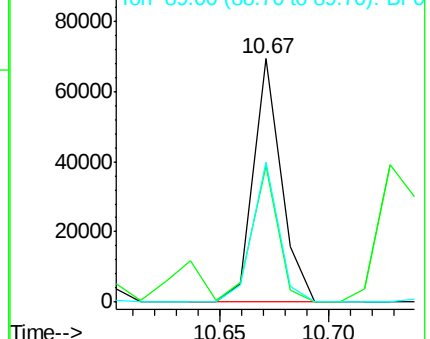
89 57.3 44.3 66.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

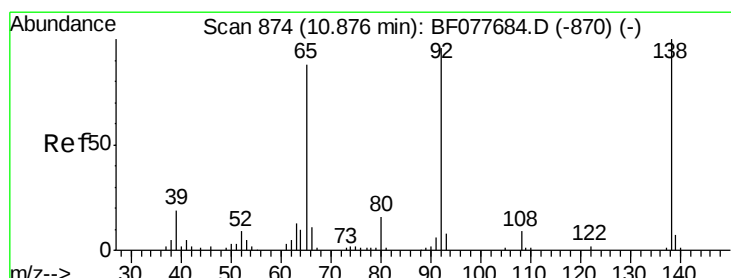
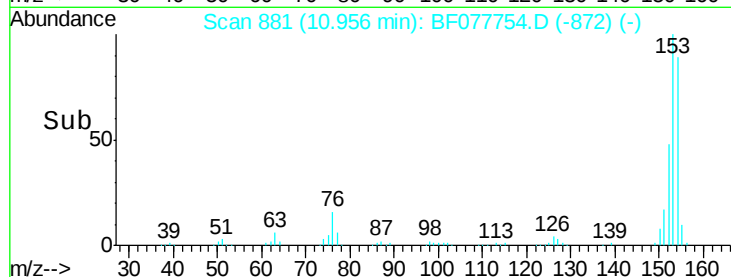
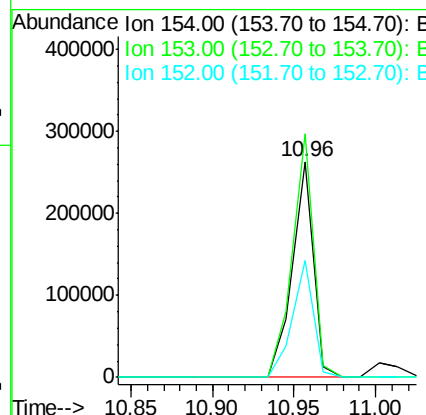
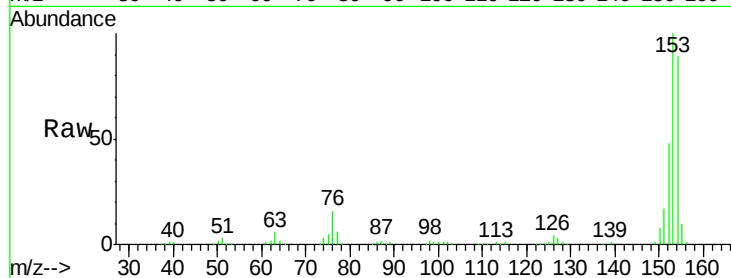




#51
Acenaphthene
Concen: 32.55 ng
RT: 10.96 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF077754.D
Acq: 16 Mar 2015 15:51

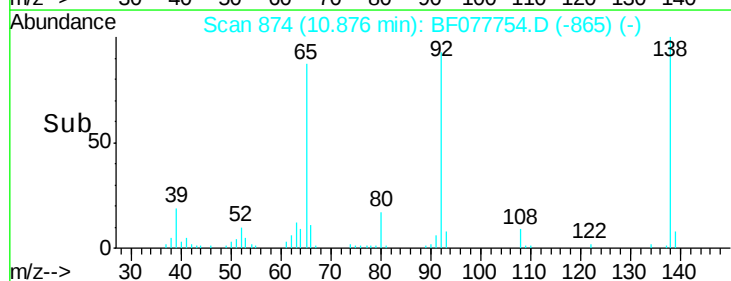
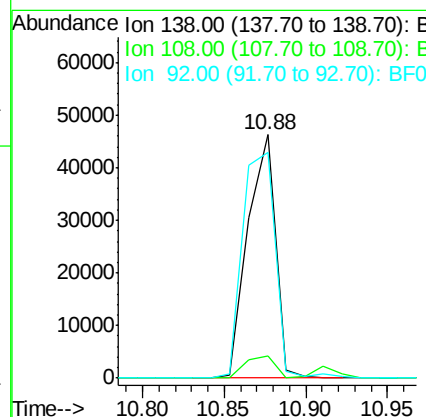
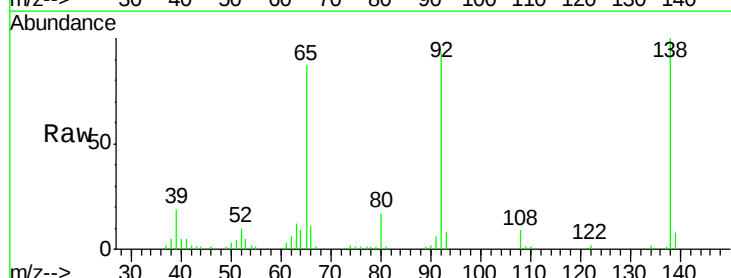
Instrument :
BNA_F
ClientSampleId :
PB82120BS

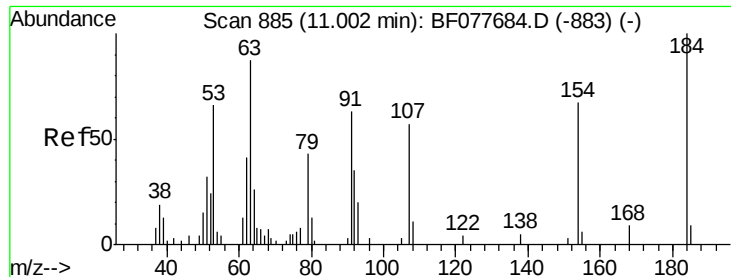
Tgt Ion:154 Resp: 238205
Ion Ratio Lower Upper
154 100
153 112.9 90.0 135.0
152 54.2 42.6 63.8



#52
3-Nitroaniline
Concen: 25.74 ng
RT: 10.88 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF077754.D
Acq: 16 Mar 2015 15:51

Tgt Ion:138 Resp: 54298
Ion Ratio Lower Upper
138 100
108 9.2 7.3 10.9
92 92.6 76.6 114.8

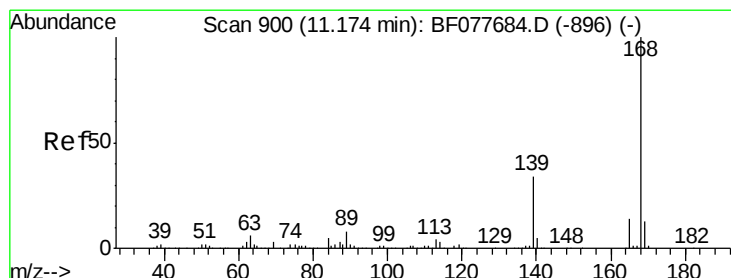
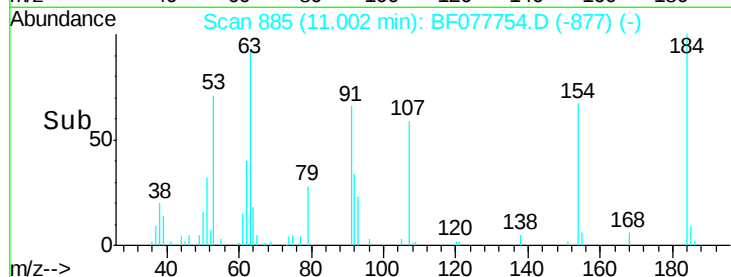
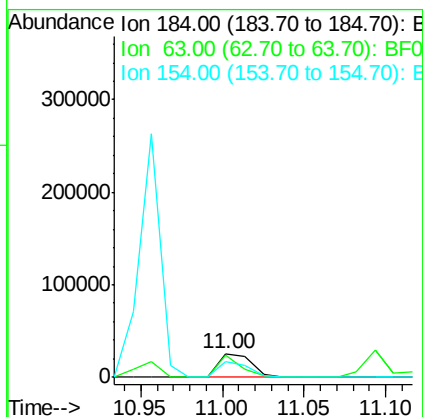
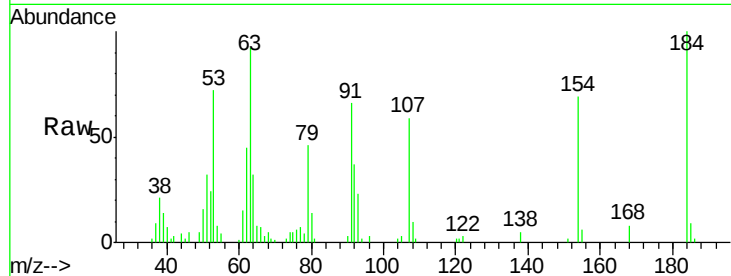




#53
2,4-Dinitrophenol
Concen: 57.25 ng
RT: 11.00 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF077754.D
Acq: 16 Mar 2015 15:51

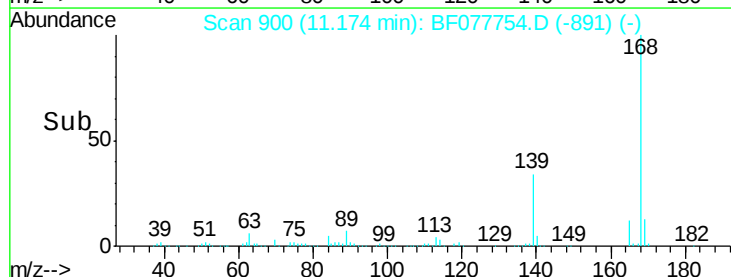
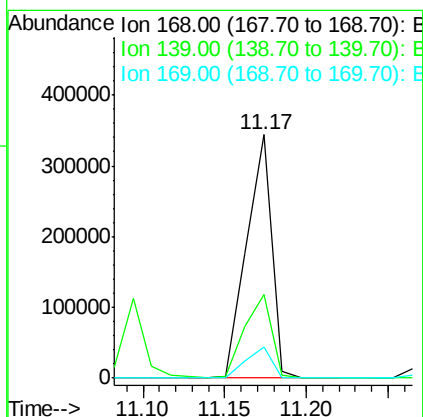
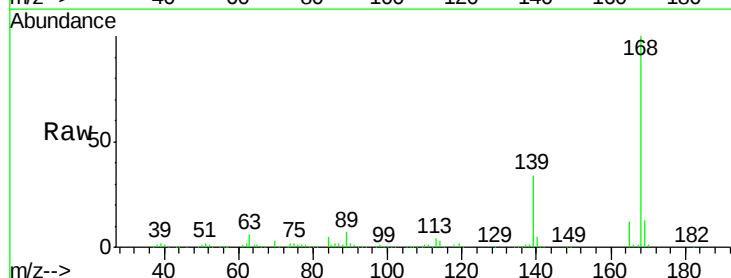
Instrument :
BNA_F
ClientSampleId :
PB82120BS

Tgt Ion:184 Resp: 36505
Ion Ratio Lower Upper
184 100
63 91.9 69.2 103.8
154 68.9 53.3 79.9



#54
Dibenzofuran
Concen: 33.69 ng
RT: 11.17 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF077754.D
Acq: 16 Mar 2015 15:51

Tgt Ion:168 Resp: 365705
Ion Ratio Lower Upper
168 100
139 34.3 27.3 40.9
169 12.8 10.6 16.0

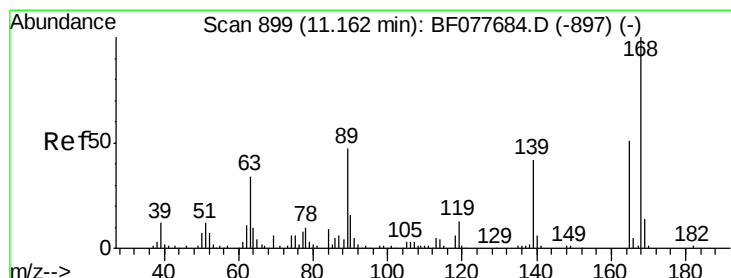
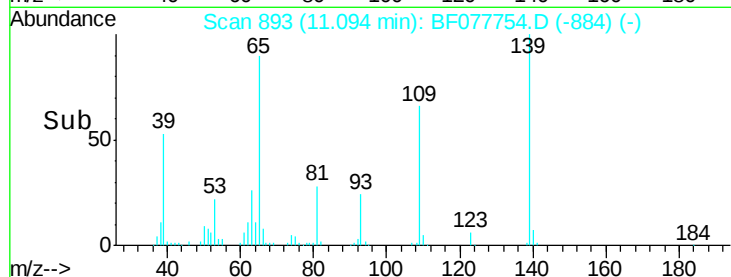
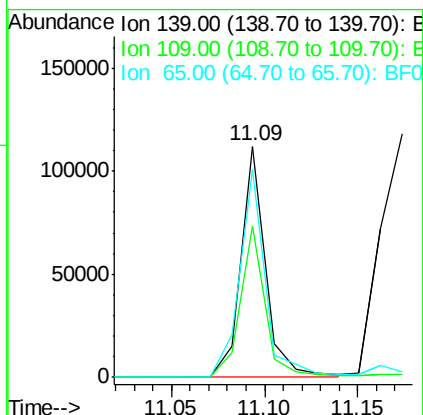
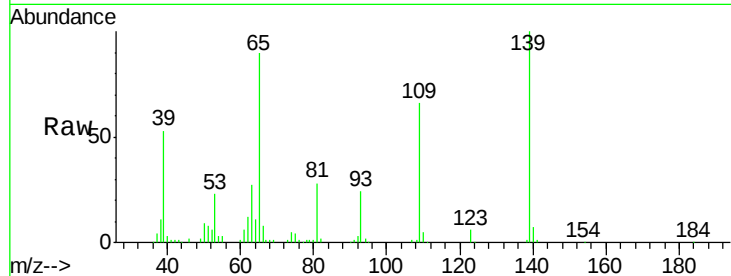




#55
4-Nitrophenol
Concen: 66.22 ng
RT: 11.09 min Scan# 893
Delta R.T. 0.00 min
Lab File: BF077754.D
Acq: 16 Mar 2015 15:51

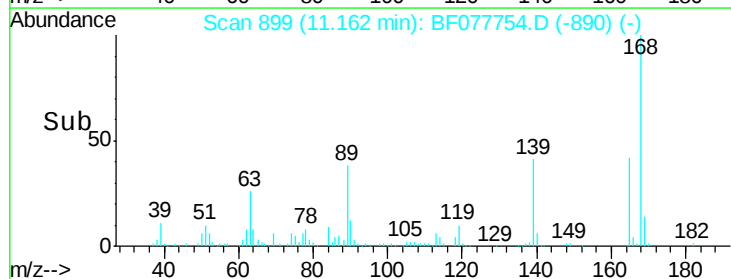
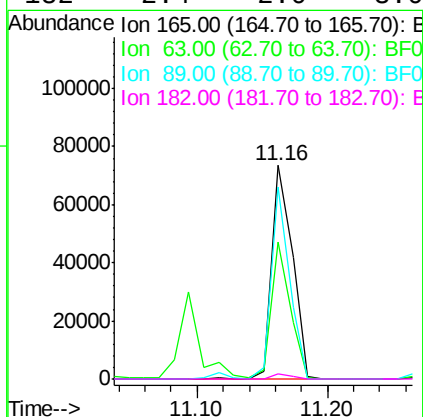
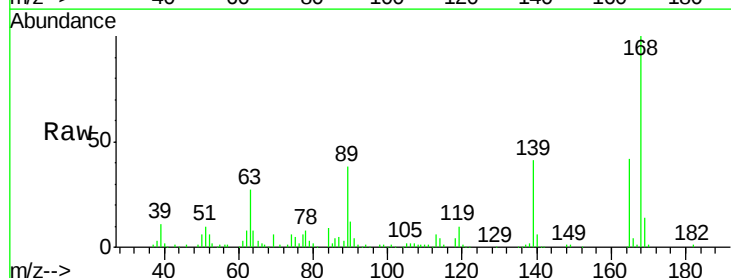
Instrument :
BNA_F
ClientSampleId :
PB82120BS

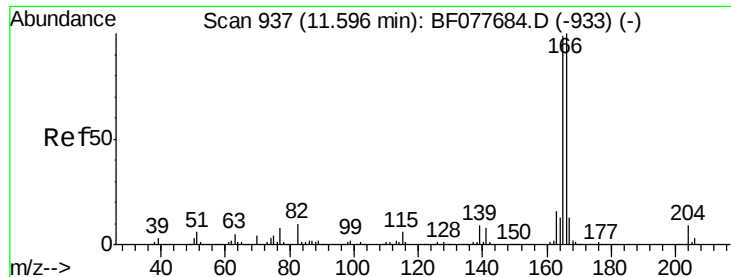
Tgt Ion:139 Resp: 103498
Ion Ratio Lower Upper
139 100
109 65.6 37.7 77.7
65 89.6 49.9 89.9



#56
2,4-Dinitrotoluene
Concen: 34.57 ng
RT: 11.16 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF077754.D
Acq: 16 Mar 2015 15:51

Tgt Ion:165 Resp: 81885
Ion Ratio Lower Upper
165 100
63 63.9 52.4 78.6
89 89.9 72.4 108.6
182 2.4 2.0 3.0

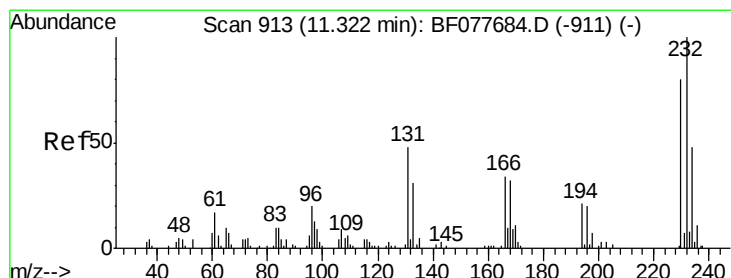
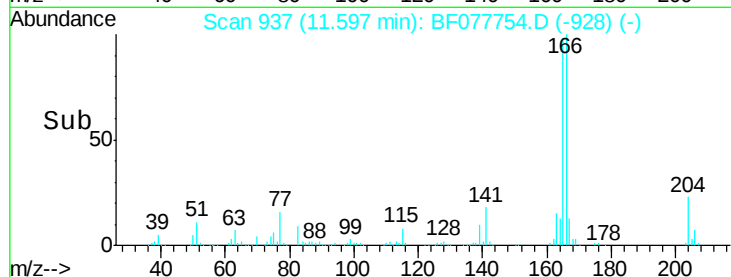
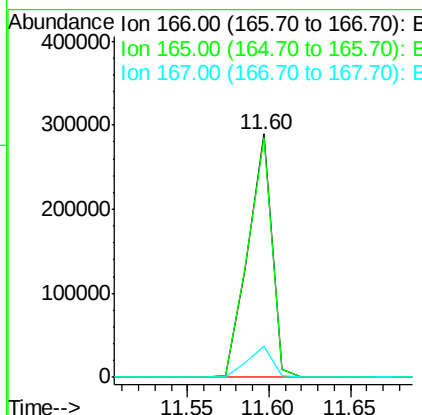
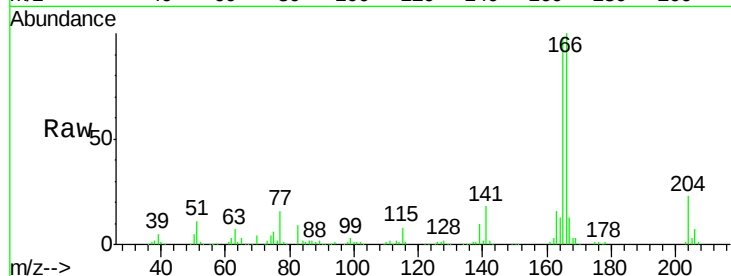




#57
 Fluorene
 Concen: 32.64 ng
 RT: 11.60 min Scan# 937
 Delta R.T. 0.00 min
 Lab File: BF077754.D
 Acq: 16 Mar 2015 15:51

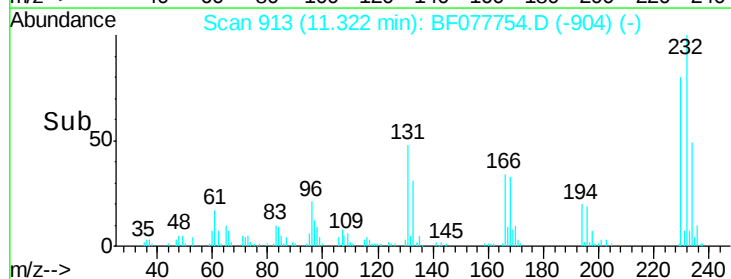
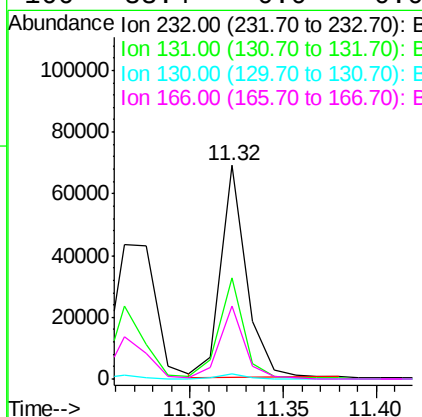
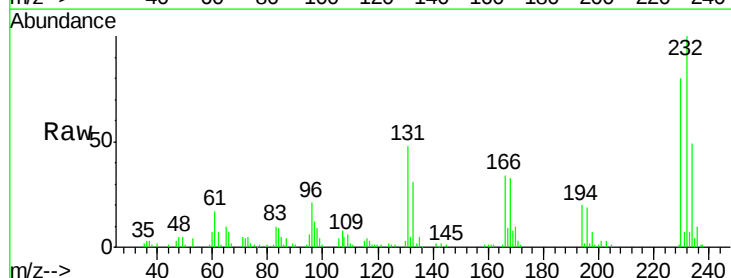
Instrument :
 BNA_F
 ClientSampleId :
 PB82120BS

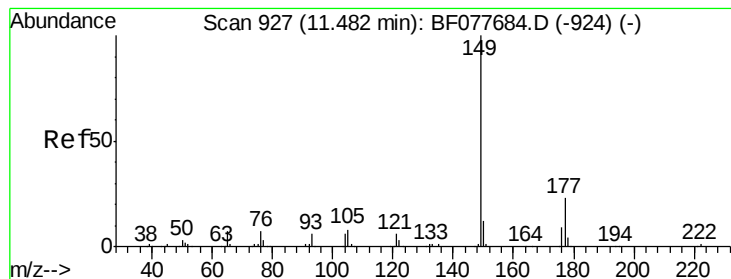
Tgt Ion:166 Resp: 294168
 Ion Ratio Lower Upper
 166 100
 165 98.3 79.0 118.4
 167 12.9 10.3 15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 32.80 ng
 RT: 11.32 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: BF077754.D
 Acq: 16 Mar 2015 15:51

Tgt Ion:232 Resp: 66602
 Ion Ratio Lower Upper
 232 100
 131 46.2 0.0 0.0#
 130 2.5 0.0 0.0#
 166 33.4 0.0 0.0#





#59

Diethylphthalate

Concen: 34.58 ng

RT: 11.48 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF077754.D

Acq: 16 Mar 2015 15:51

Instrument :

BNA_F

ClientSampleId :

PB82120BS

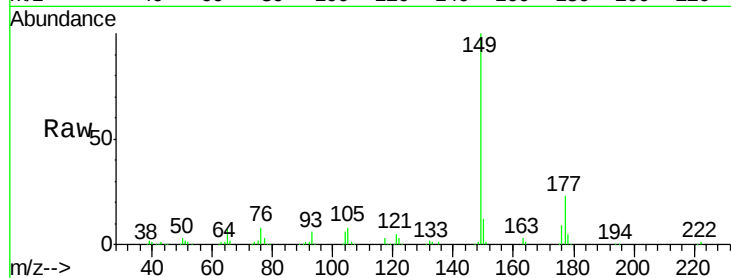
Tgt Ion:149 Resp: 295253

Ion Ratio Lower Upper

149 100

177 23.0 18.3 27.5

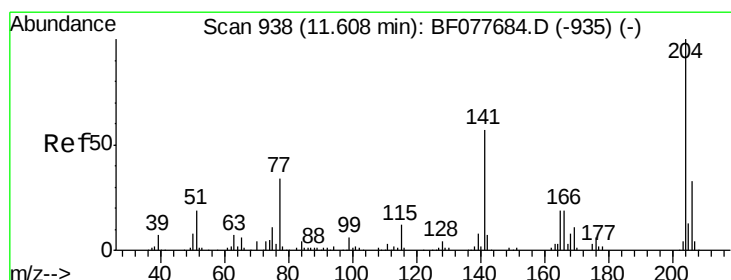
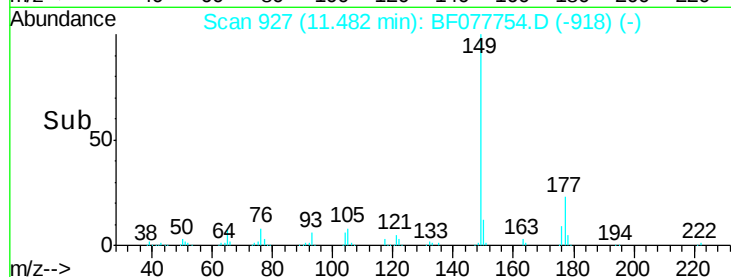
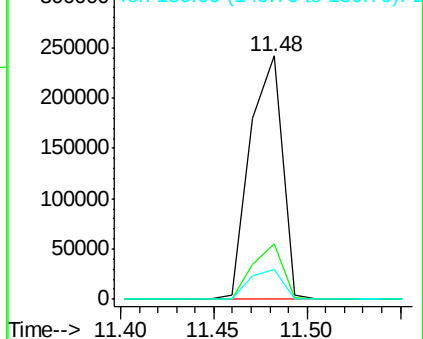
150 12.0 9.8 14.8



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: 33.48 ng

RT: 11.61 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF077754.D

Acq: 16 Mar 2015 15:51

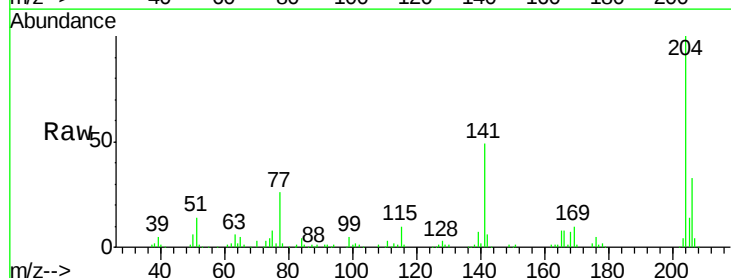
Tgt Ion:204 Resp: 137704

Ion Ratio Lower Upper

204 100

206 32.8 26.6 39.8

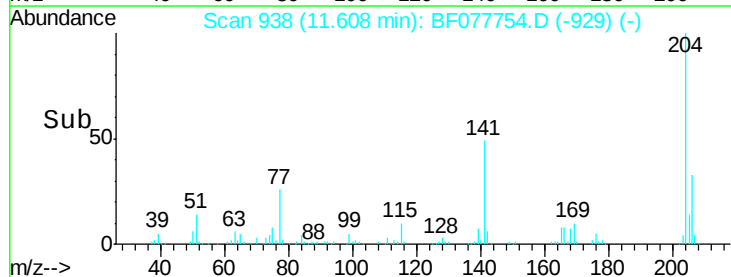
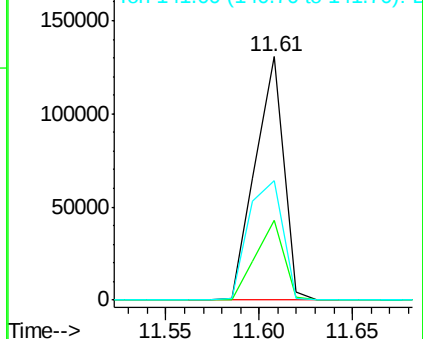
141 49.2 45.2 67.8

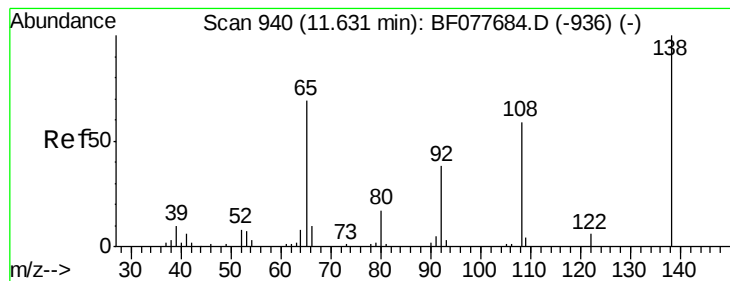


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 33.67 ng

RT: 11.63 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF077754.D

Acq: 16 Mar 2015 15:51

Instrument :

BNA_F

ClientSampleId :

PB82120BS

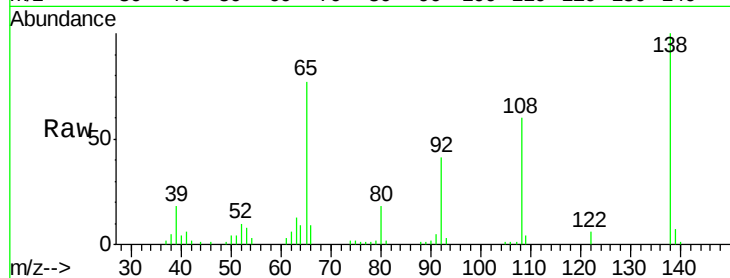
Tgt Ion:138 Resp: 70799

Ion Ratio Lower Upper

138 100

92 41.0 16.7 56.7

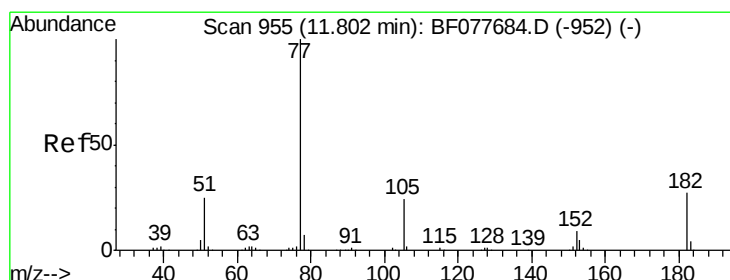
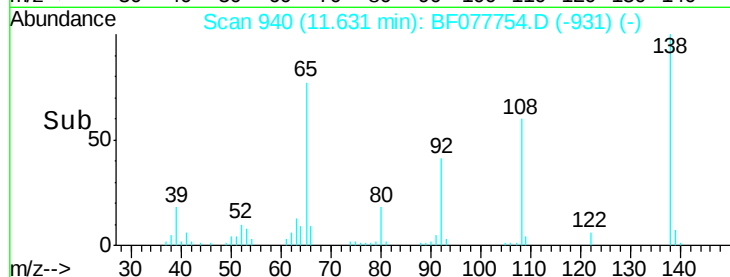
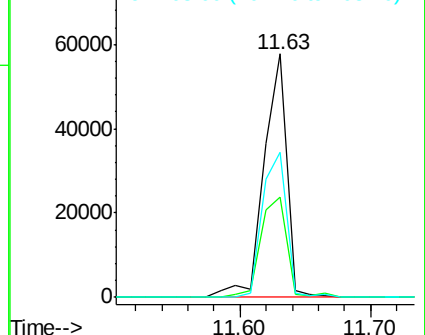
108 59.8 37.6 77.6



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: 33.37 ng

RT: 11.80 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF077754.D

Acq: 16 Mar 2015 15:51

Tgt Ion: 77 Resp: 272348

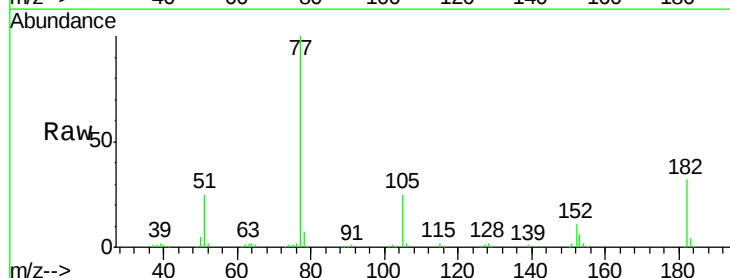
Ion Ratio Lower Upper

77 100

182 32.4 6.5 46.5

105 25.2 3.8 43.8

51 24.7 5.5 45.5

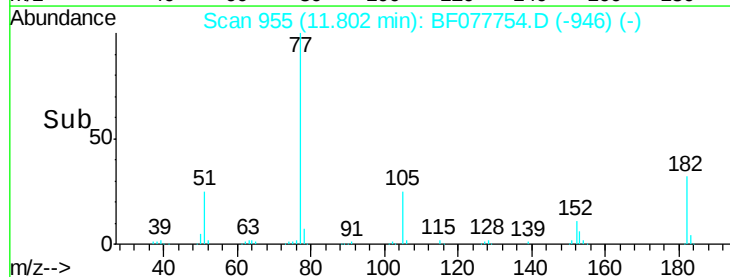
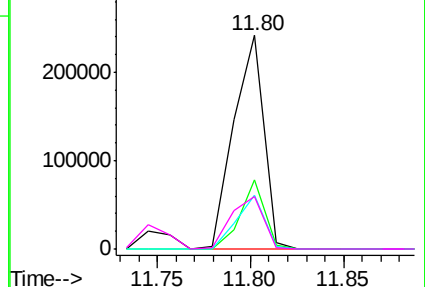


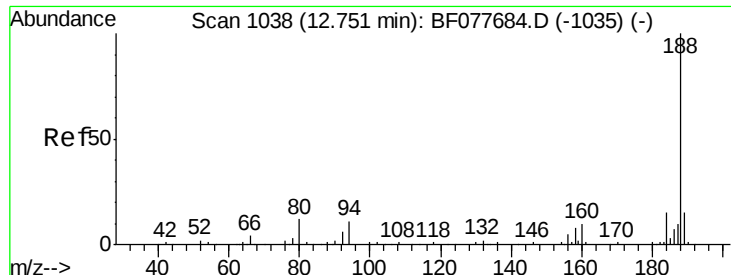
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

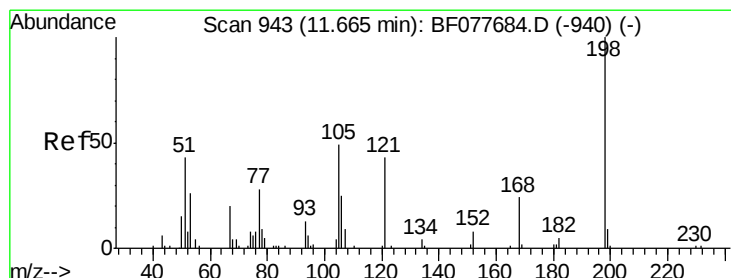
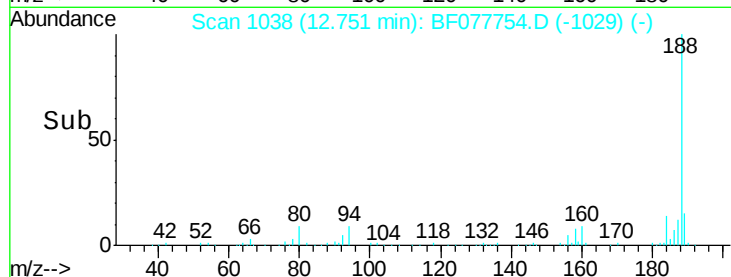
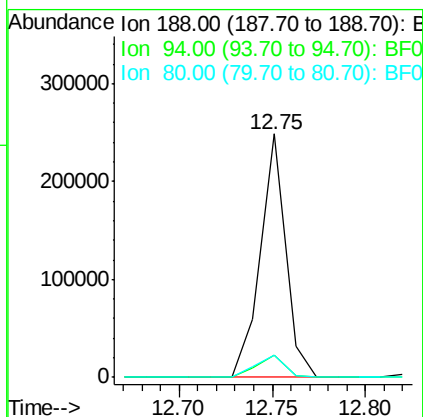
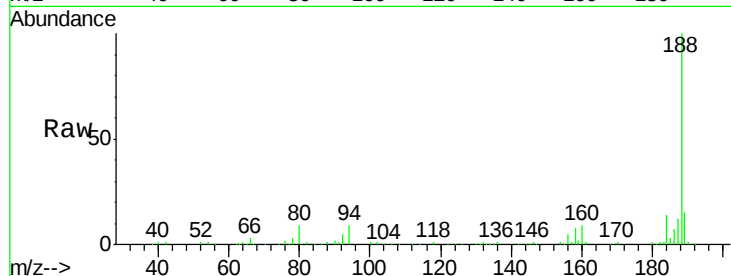




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.75 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF077754.D
Acq: 16 Mar 2015 15:51

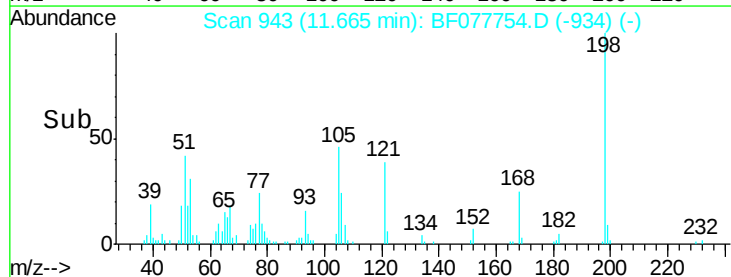
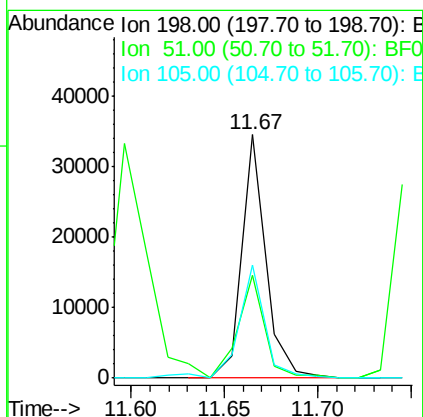
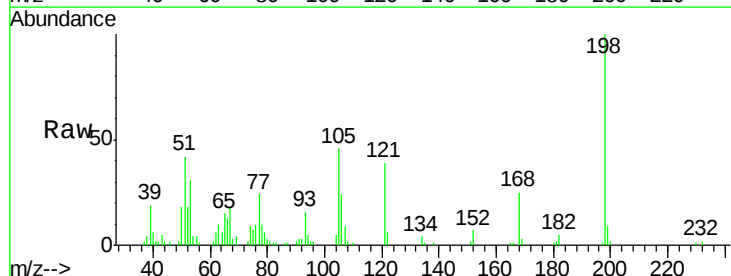
Instrument :
BNA_F
ClientSampleId :
PB82120BS

Tgt Ion:188 Resp: 234435
Ion Ratio Lower Upper
188 100
94 8.9 8.7 13.1
80 9.3 9.3 13.9



#64
4,6-Dinitro-2-methylphenol
Concen: 29.83 ng
RT: 11.67 min Scan# 943
Delta R.T. 0.00 min
Lab File: BF077754.D
Acq: 16 Mar 2015 15:51

Tgt Ion:198 Resp: 31043
Ion Ratio Lower Upper
198 100
51 42.1 28.8 68.8
105 46.5 30.5 70.5

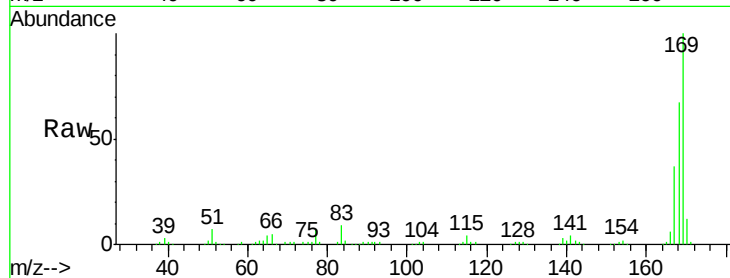




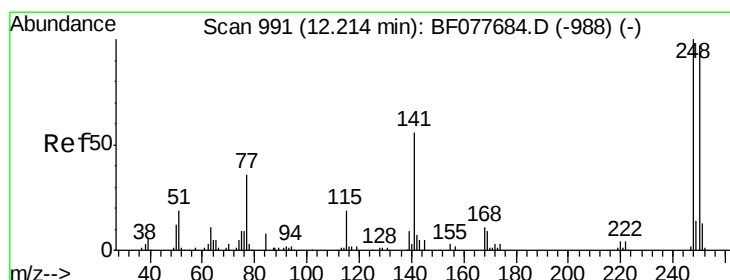
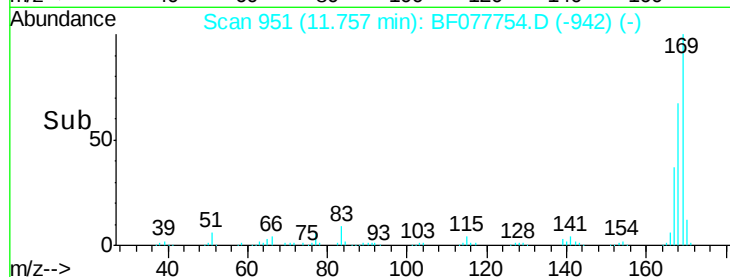
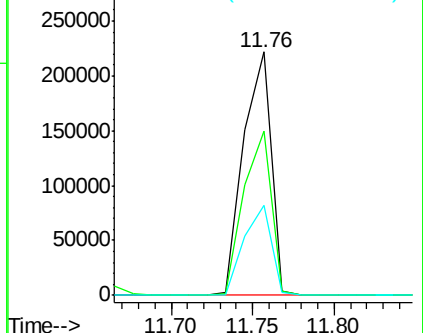
#65
 n-Nitrosodiphenylamine
 Concen: 33.34 ng
 RT: 11.76 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: BF077754.D
 Acq: 16 Mar 2015 15:51

Instrument :
 BNA_F
 ClientSampleId :
 PB82120BS

Tgt Ion:169 Resp: 260287
 Ion Ratio Lower Upper
 169 100
 168 67.3 53.9 80.9
 167 36.8 28.9 43.3

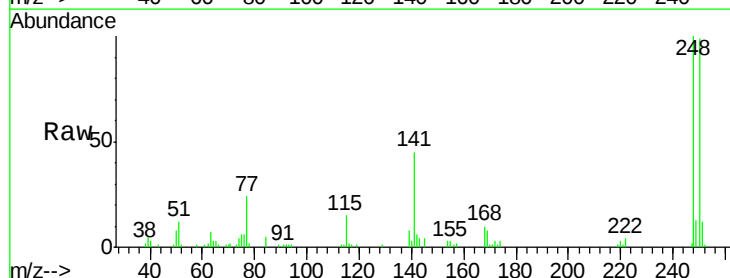


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

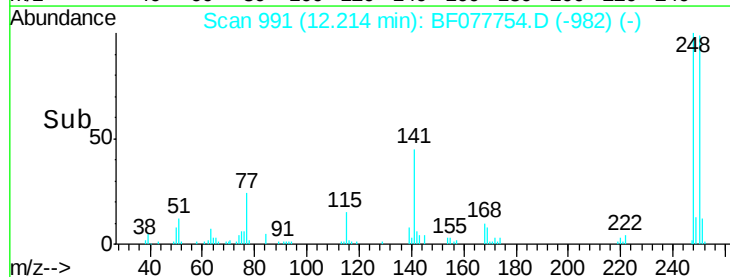
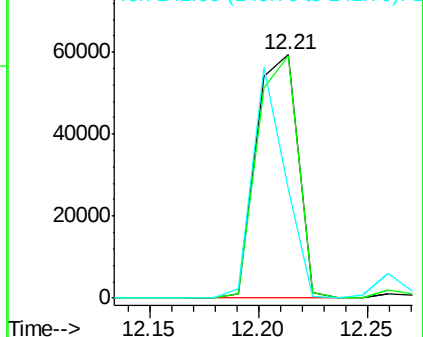


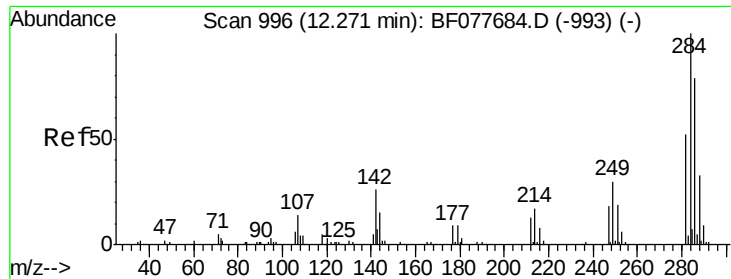
#66
 4-Bromophenyl-phenylether
 Concen: 31.78 ng
 RT: 12.21 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BF077754.D
 Acq: 16 Mar 2015 15:51

Tgt Ion:248 Resp: 79506
 Ion Ratio Lower Upper
 248 100
 250 99.4 77.4 116.0
 141 44.9 45.2 67.8#



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

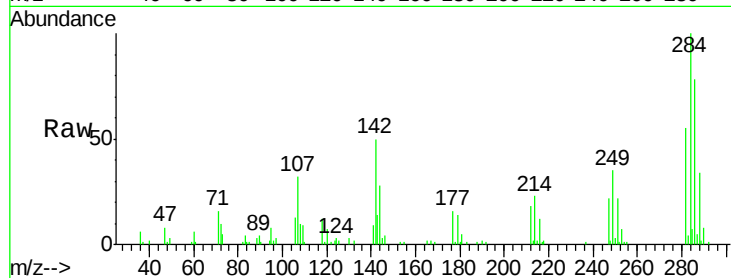




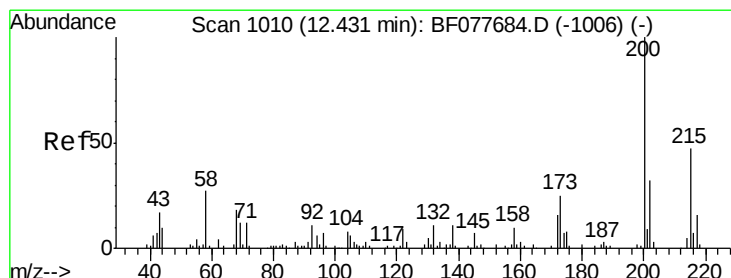
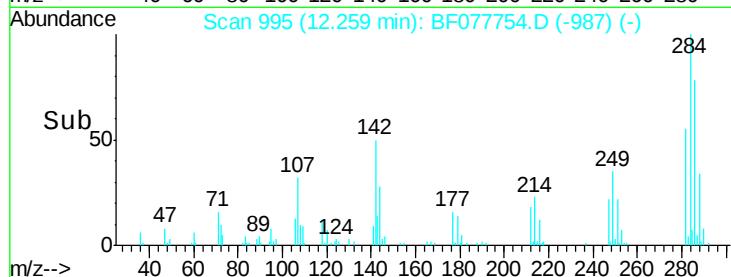
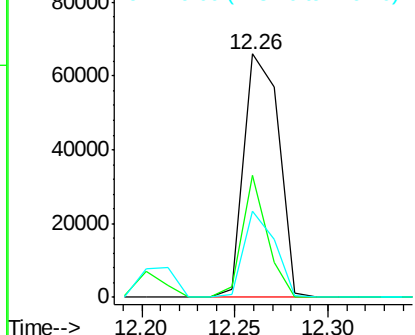
#67
Hexachlorobenzene
Concen: 31.51 ng
RT: 12.26 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF077754.D
Acq: 16 Mar 2015 15:51

Instrument :
BNA_F
ClientSampleId :
PB82120BS

Tgt Ion:284 Resp: 86614
Ion Ratio Lower Upper
284 100
142 50.0 20.4 30.6#
249 35.4 23.8 35.6

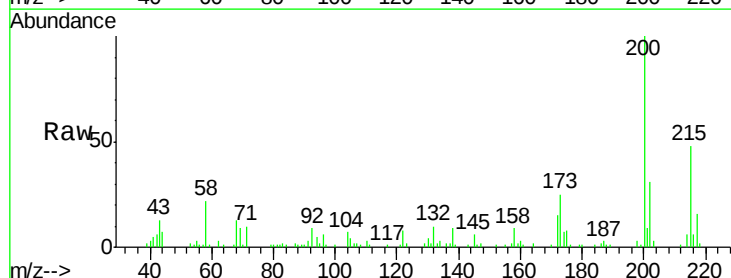


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

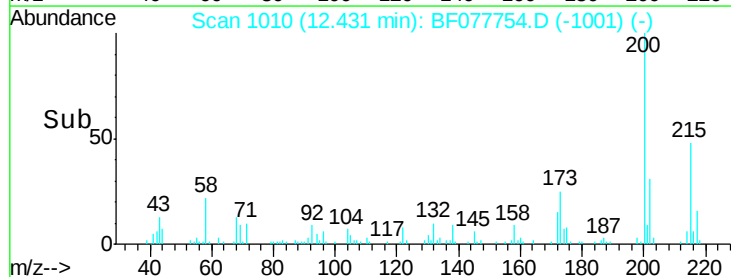
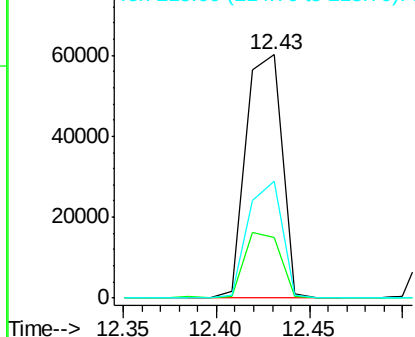


#68
Atrazine
Concen: 37.44 ng
RT: 12.43 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF077754.D
Acq: 16 Mar 2015 15:51

Tgt Ion:200 Resp: 81897
Ion Ratio Lower Upper
200 100
173 25.0 4.8 44.8
215 48.0 26.9 66.9



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 60.46 ng

RT: 12.52 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF077754.D

Acq: 16 Mar 2015 15:51

Instrument :

BNA_F

ClientSampleId :

PB82120BS

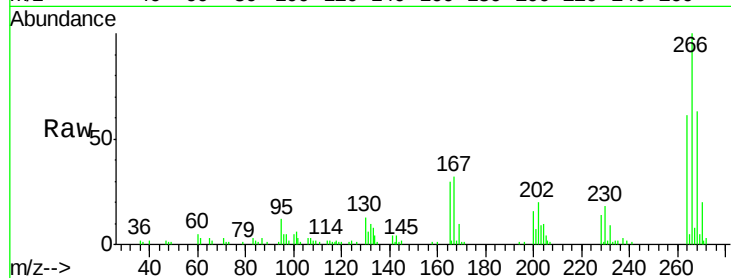
Tgt Ion:266 Resp: 85917

Ion Ratio Lower Upper

266 100

268 62.9 52.0 78.0

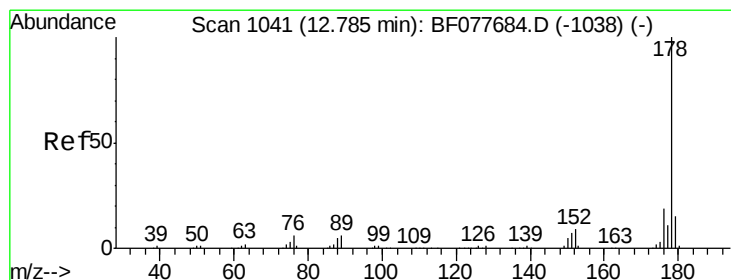
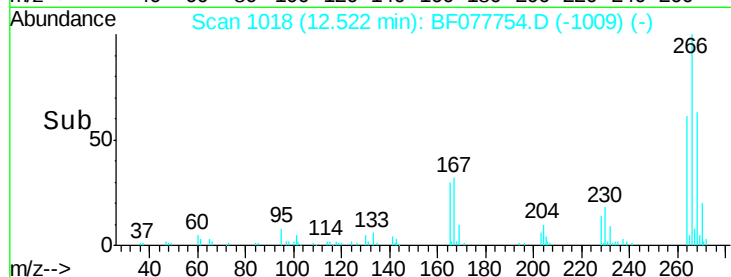
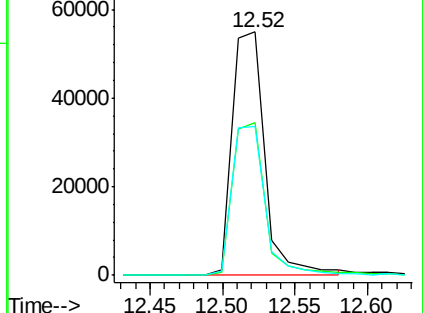
264 61.2 49.0 73.4



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: 32.66 ng

RT: 12.79 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF077754.D

Acq: 16 Mar 2015 15:51

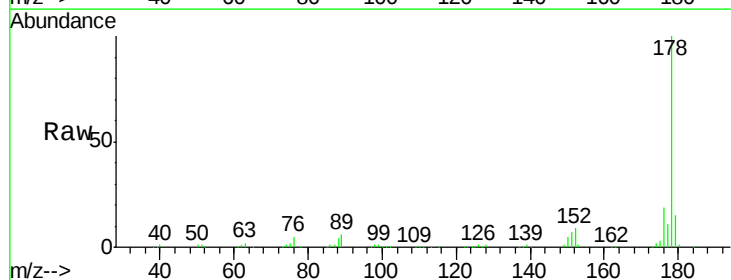
Tgt Ion:178 Resp: 439522

Ion Ratio Lower Upper

178 100

176 18.7 15.2 22.8

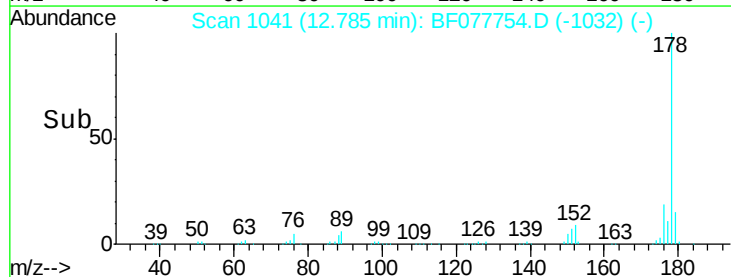
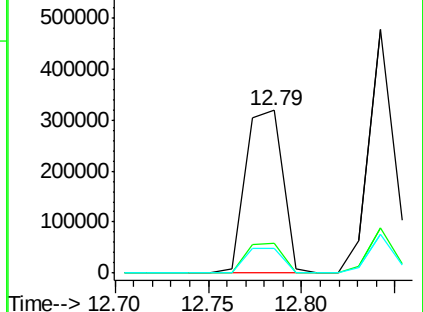
179 15.1 12.1 18.1

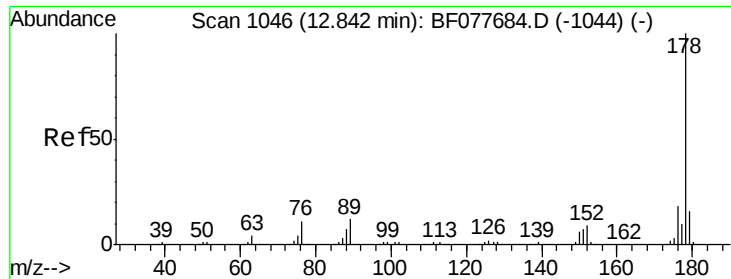


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

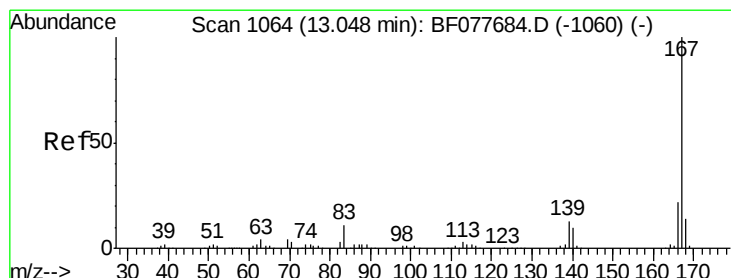
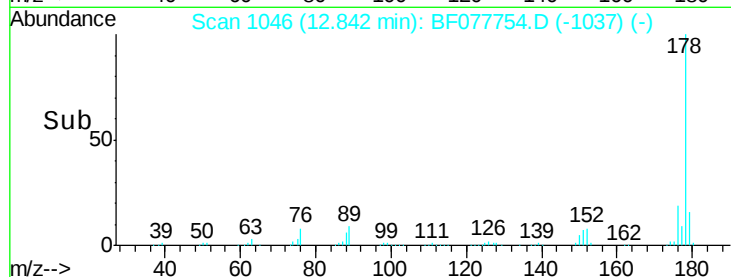
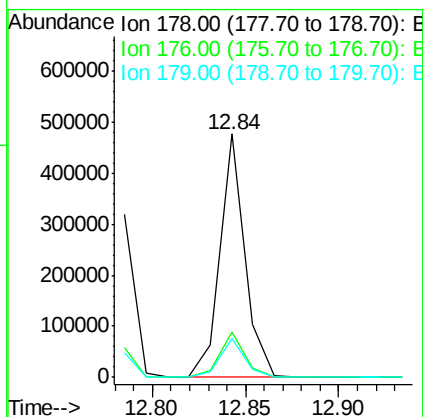
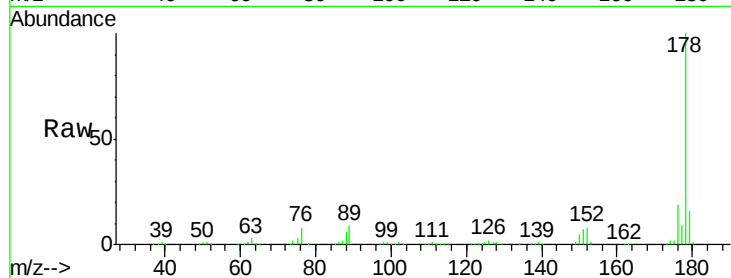




#71
 Anthracene
 Concen: 33.25 ng
 RT: 12.84 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BF077754.D
 Acq: 16 Mar 2015 15:51

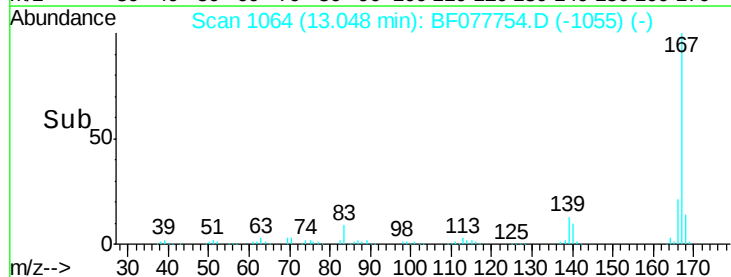
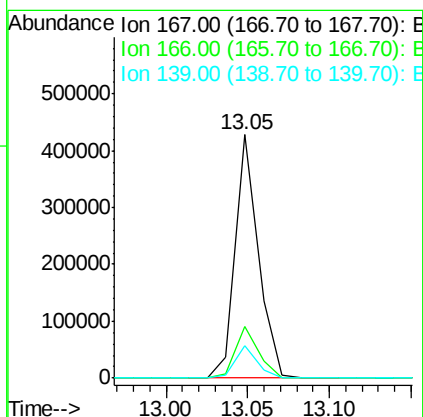
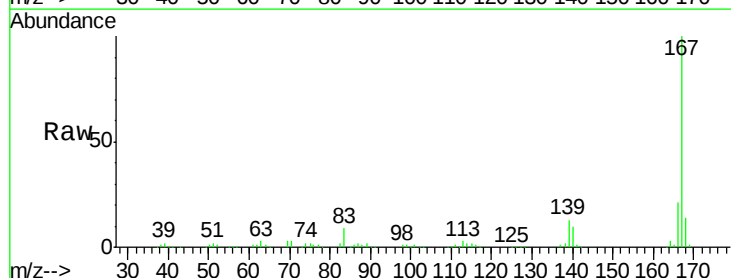
Instrument :
 BNA_F
 ClientSampleId :
 PB82120BS

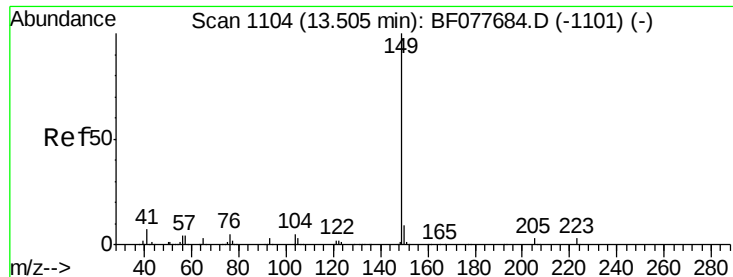
Tgt Ion:178 Resp: 442146
 Ion Ratio Lower Upper
 178 100
 176 18.7 14.6 22.0
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 33.03 ng
 RT: 13.05 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BF077754.D
 Acq: 16 Mar 2015 15:51

Tgt Ion:167 Resp: 417827
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.2 25.8
 139 13.2 10.8 16.2





#73

Di-n-butylphthalate

Concen: 34.03 ng

RT: 13.51 min Scan# 1104

Delta R.T. 0.00 min

Lab File: BF077754.D

Acq: 16 Mar 2015 15:51

Instrument :

BNA_F

ClientSampleId :

PB82120BS

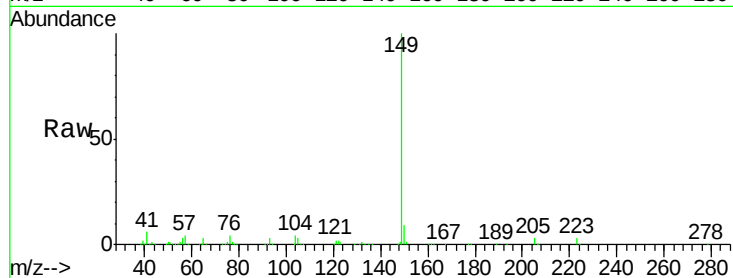
Tgt Ion:149 Resp: 482674

Ion Ratio Lower Upper

149 100

150 9.0 7.5 11.3

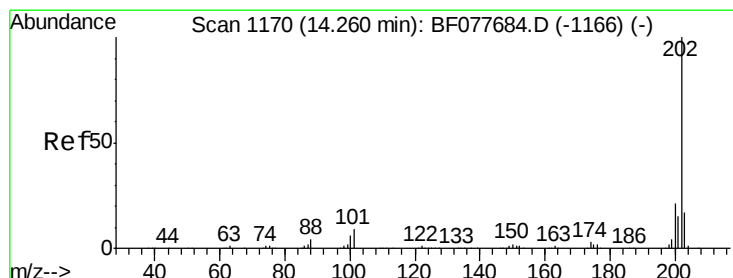
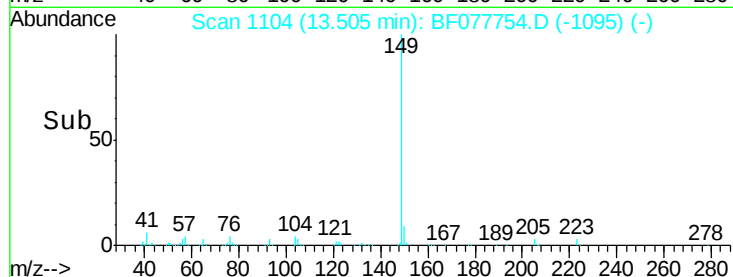
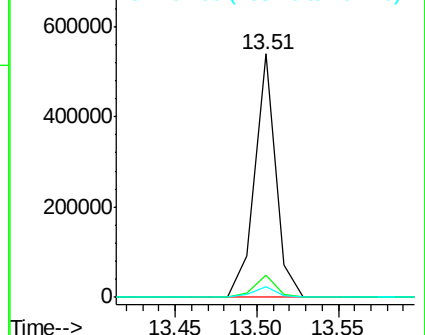
104 4.4 3.7 5.5



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: 32.07 ng

RT: 14.25 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF077754.D

Acq: 16 Mar 2015 15:51

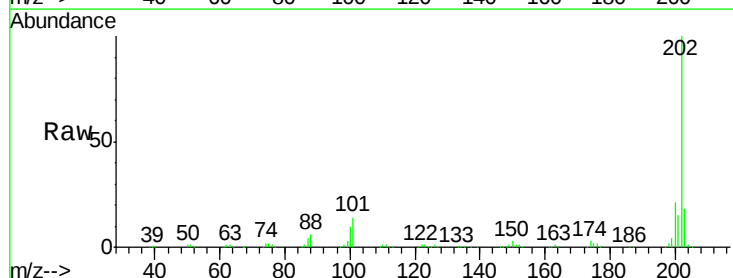
Tgt Ion:202 Resp: 476055

Ion Ratio Lower Upper

202 100

101 13.9 0.0 28.7

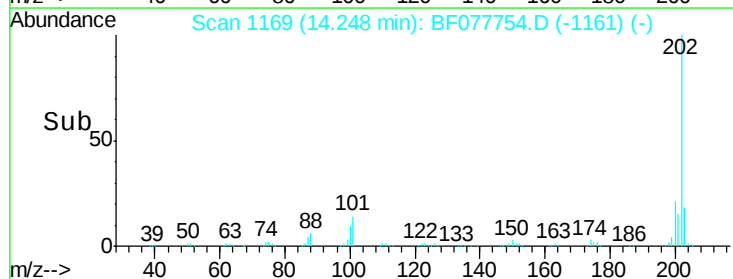
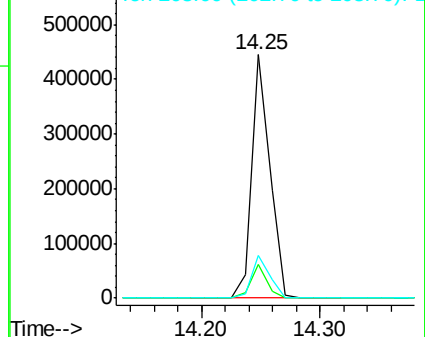
203 17.8 0.0 37.2

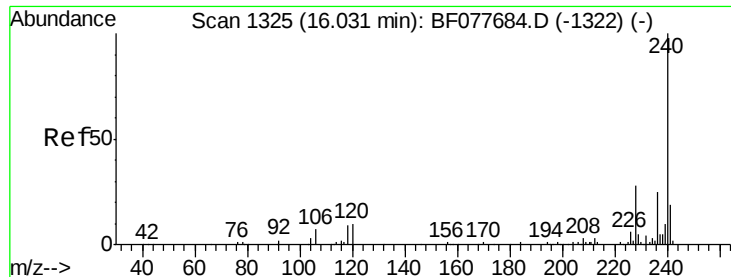


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

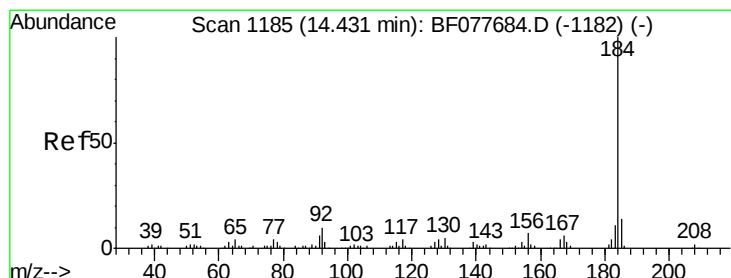
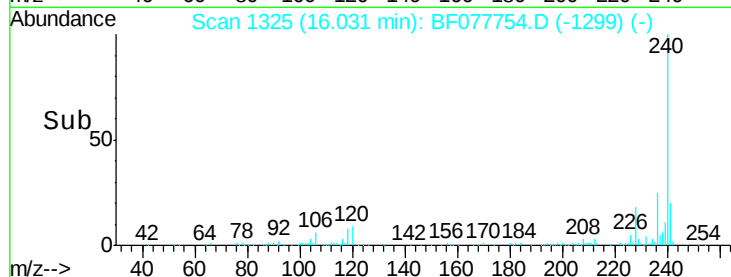
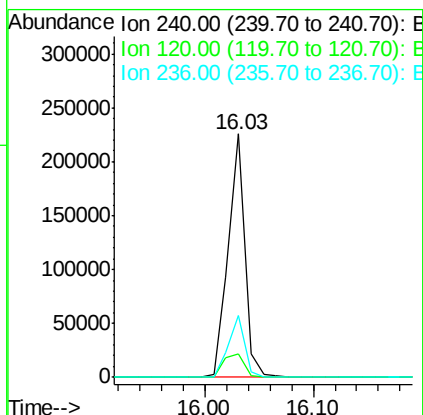
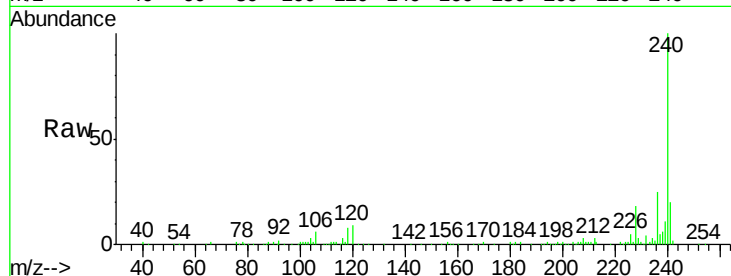




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.03 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF077754.D
Acq: 16 Mar 2015 15:51

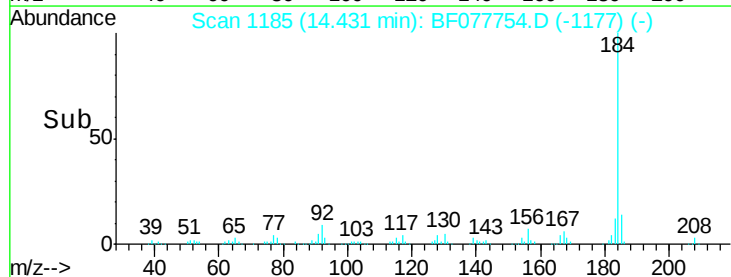
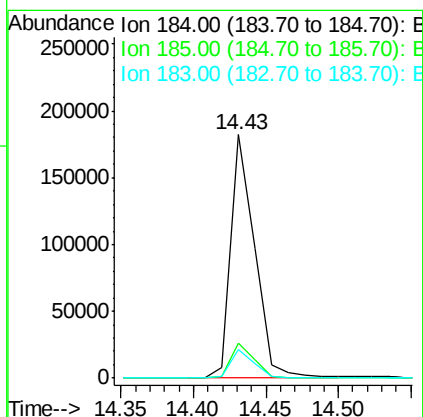
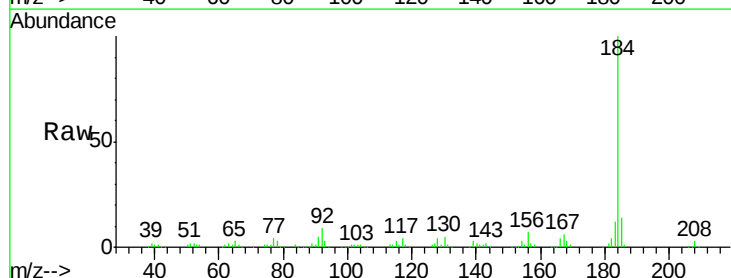
Instrument :
BNA_F
ClientSampleId :
PB82120BS

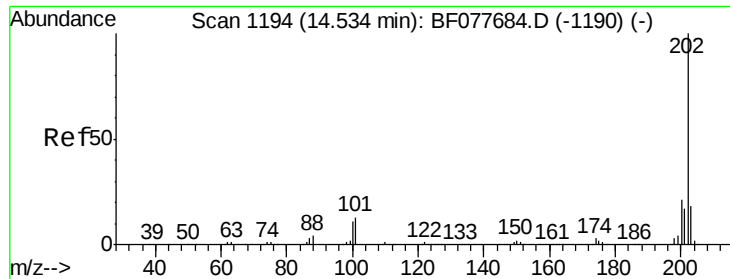
Tgt Ion:240 Resp: 239521
Ion Ratio Lower Upper
240 100
120 9.5 8.2 12.2
236 25.3 20.0 30.0



#76
Benzidine
Concen: 35.42 ng
RT: 14.43 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF077754.D
Acq: 16 Mar 2015 15:51

Tgt Ion:184 Resp: 210181
Ion Ratio Lower Upper
184 100
185 14.4 11.3 16.9
183 11.8 8.9 13.3

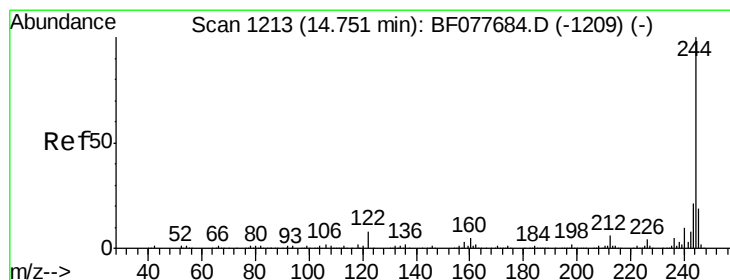
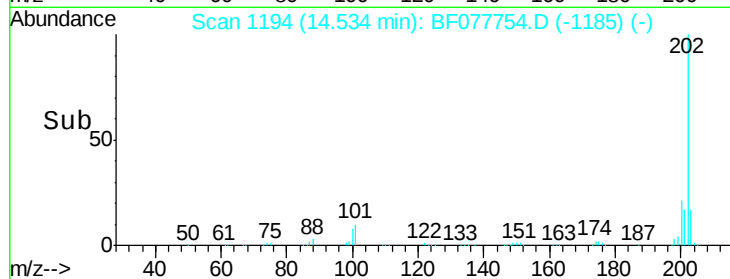
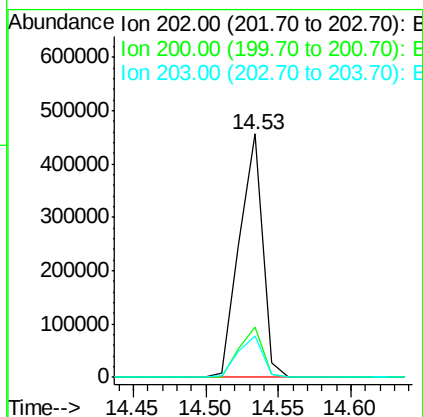
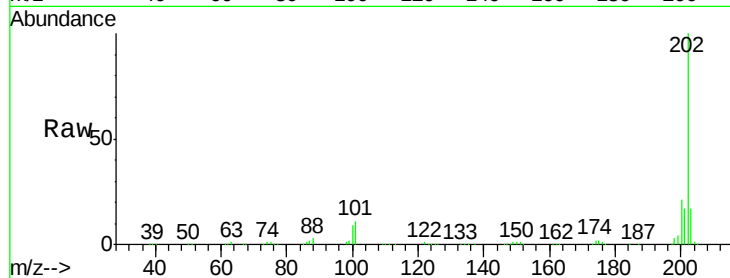




#77
 Pyrene
 Concen: 33.83 ng
 RT: 14.53 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF077754.D
 Acq: 16 Mar 2015 15:51

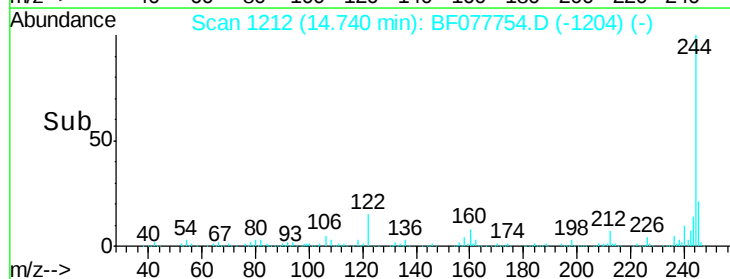
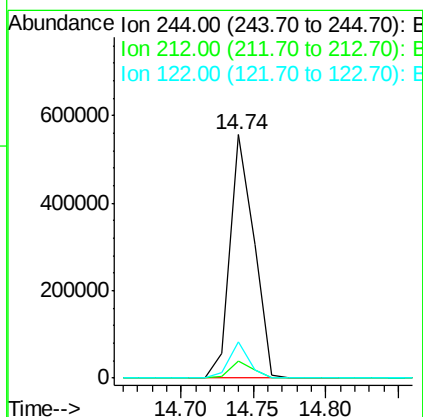
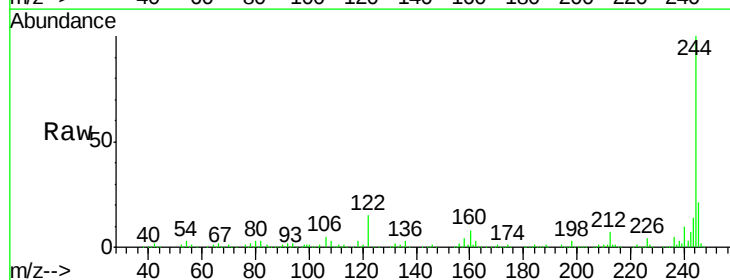
Instrument :
 BNA_F
 ClientSampleId :
 PB82120BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.9	25.3
203	17.0	14.1	21.1



#78
 Terphenyl-d14
 Concen: 64.88 ng
 RT: 14.74 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF077754.D
 Acq: 16 Mar 2015 15:51

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	4.9	7.3
122	14.7	6.2	9.4

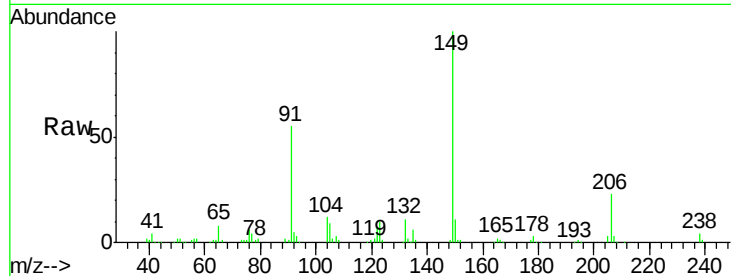




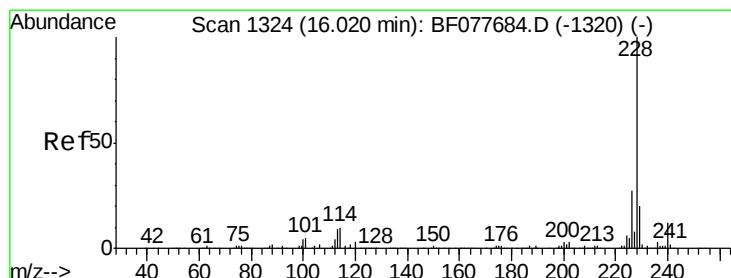
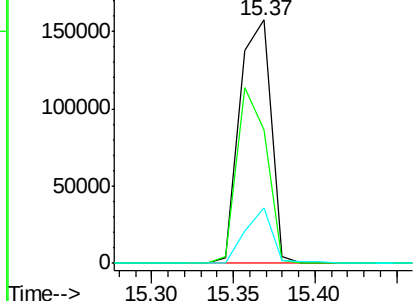
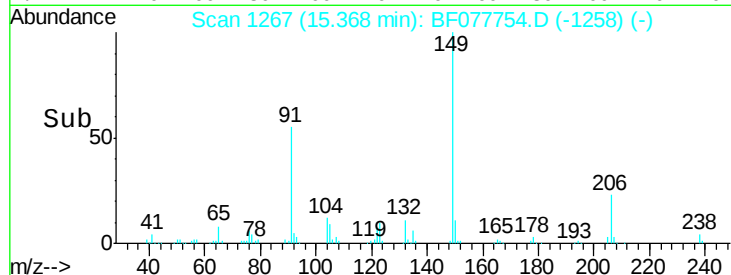
#79
Butylbenzylphthalate
Concen: 35.11 ng
RT: 15.37 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BF077754.D
Acq: 16 Mar 2015 15:51

Instrument :
BNA_F
ClientSampleId :
PB82120BS

Tgt Ion:149 Resp: 208505
Ion Ratio Lower Upper
149 100
91 54.9 50.1 75.1
206 22.8 16.2 24.2

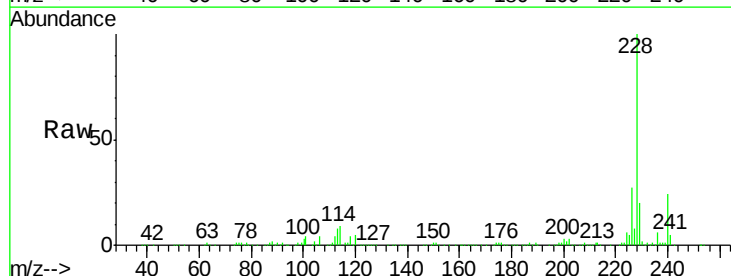


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

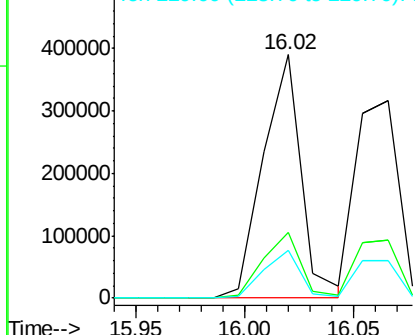
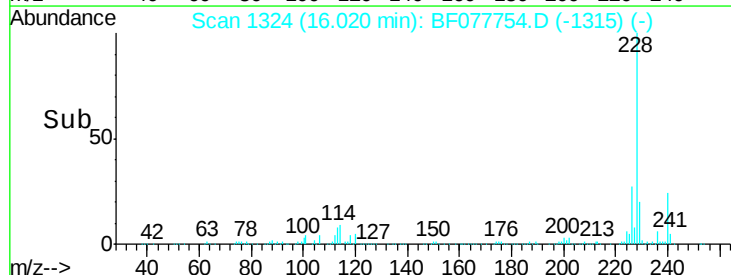


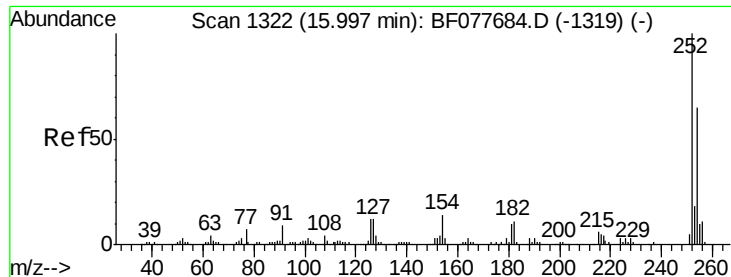
#80
Benzo(a)anthracene
Concen: 33.75 ng
RT: 16.02 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF077754.D
Acq: 16 Mar 2015 15:51

Tgt Ion:228 Resp: 479181
Ion Ratio Lower Upper
228 100
226 26.8 21.7 32.5
229 19.8 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

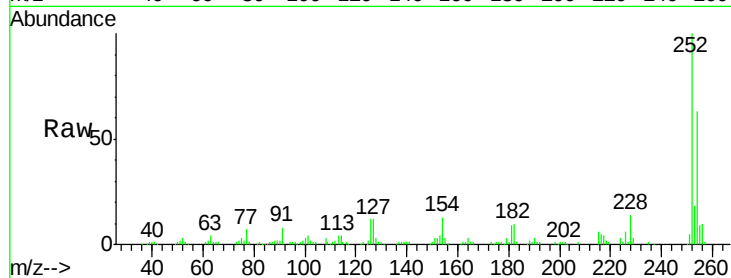




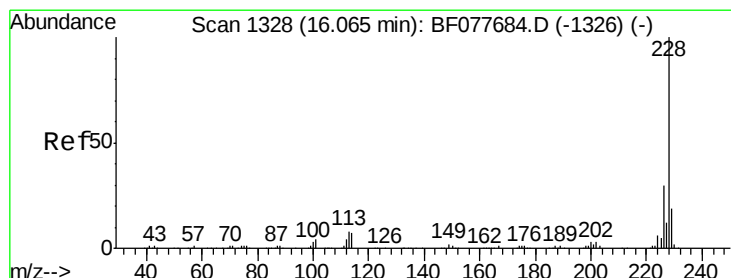
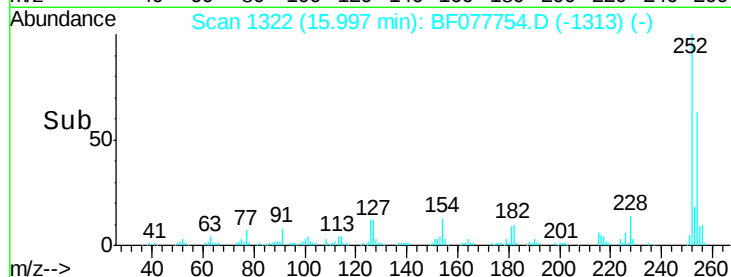
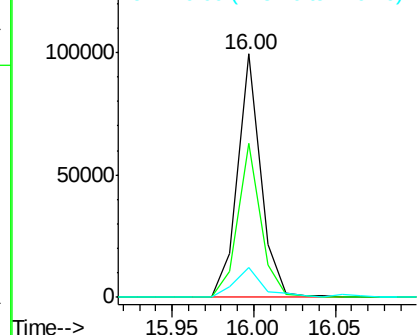
#81
 3,3'-Dichlorobenzidine
 Concen: 20.81 ng
 RT: 16.00 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF077754.D
 Acq: 16 Mar 2015 15:51

Instrument :
 BNA_F
 ClientSampleId :
 PB82120BS

Tgt Ion: 252 Resp: 97472
 Ion Ratio Lower Upper
 252 100
 254 63.2 51.9 77.9
 126 12.4 9.8 14.8

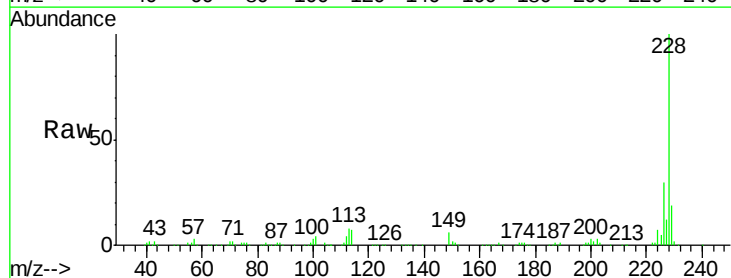


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

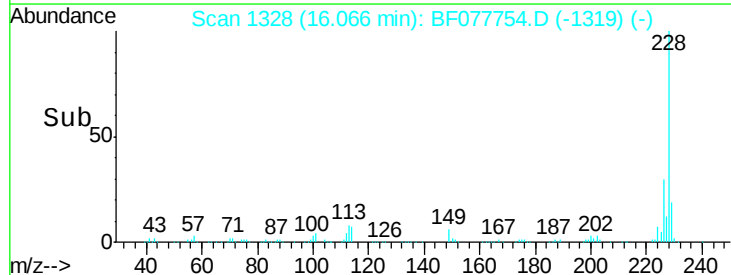
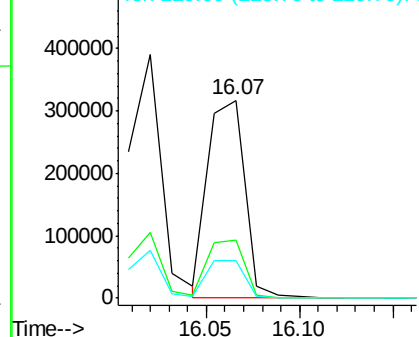


#82
 Chrysene
 Concen: 34.04 ng
 RT: 16.07 min Scan# 1328
 Delta R.T. 0.00 min
 Lab File: BF077754.D
 Acq: 16 Mar 2015 15:51

Tgt Ion: 228 Resp: 434607
 Ion Ratio Lower Upper
 228 100
 226 29.5 24.1 36.1
 229 19.2 15.5 23.3



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

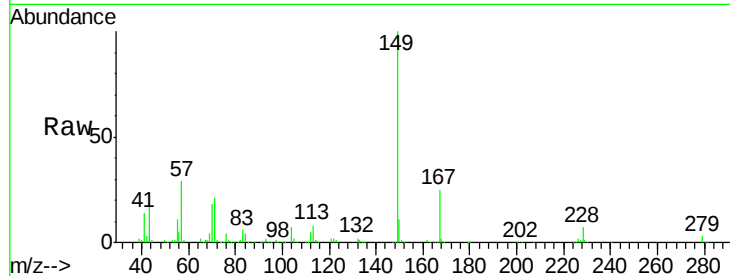




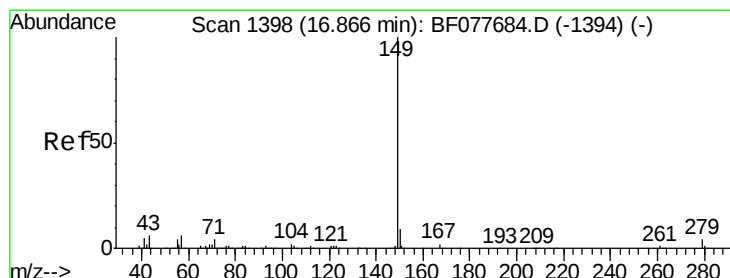
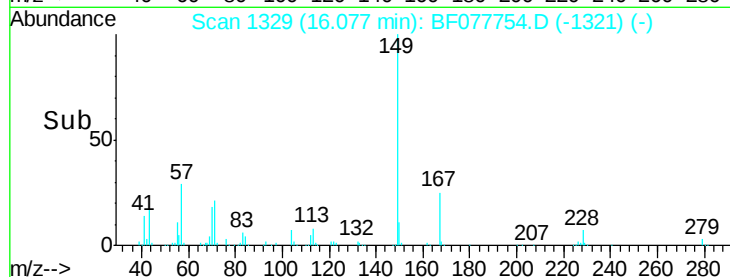
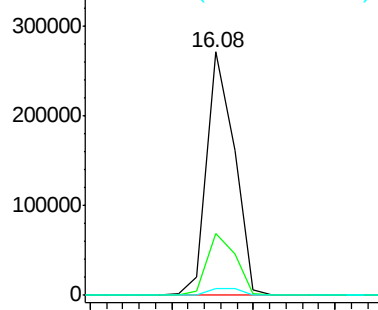
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.21 ng
 RT: 16.08 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF077754.D
 Acq: 16 Mar 2015 15:51

Instrument :
 BNA_F
 ClientSampleId :
 PB82120BS

Tgt Ion:149 Resp: 316743
 Ion Ratio Lower Upper
 149 100
 167 25.4 22.4 33.6
 279 2.5 3.4 5.0#

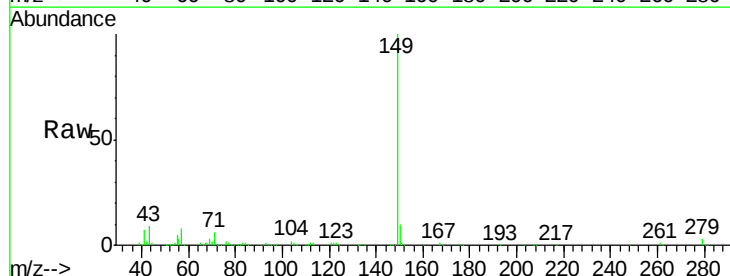


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

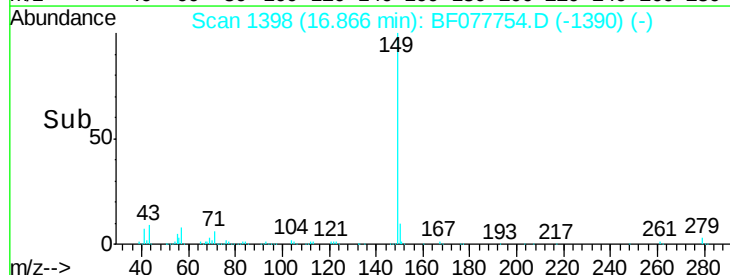
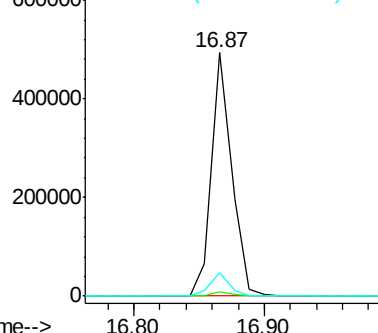


#84
 Di-n-octyl phthalate
 Concen: 34.57 ng
 RT: 16.87 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF077754.D
 Acq: 16 Mar 2015 15:51

Tgt Ion:149 Resp: 531749
 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

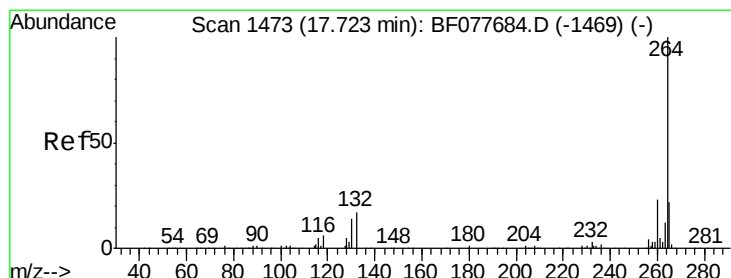
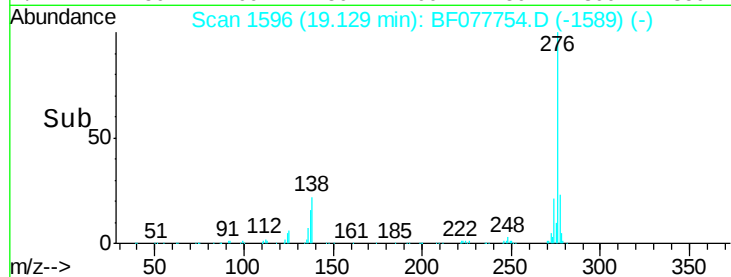
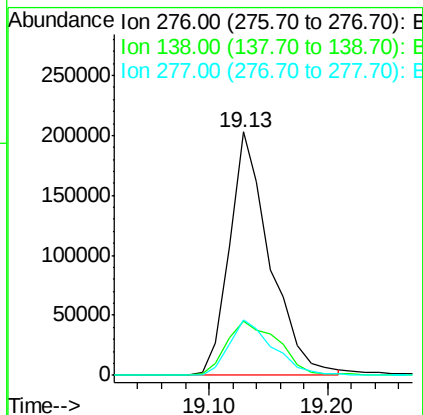
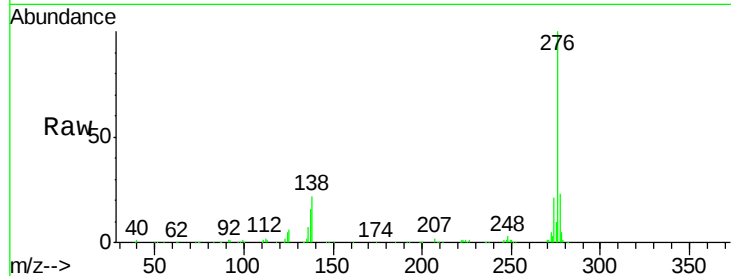




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 30.15 ng
 RT: 19.13 min Scan# 1596
 Delta R.T. -0.02 min
 Lab File: BF077754.D
 Acq: 16 Mar 2015 15:51

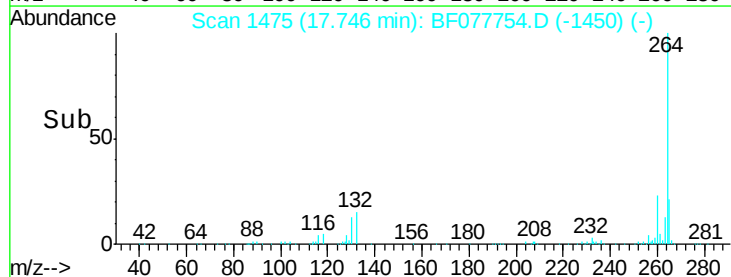
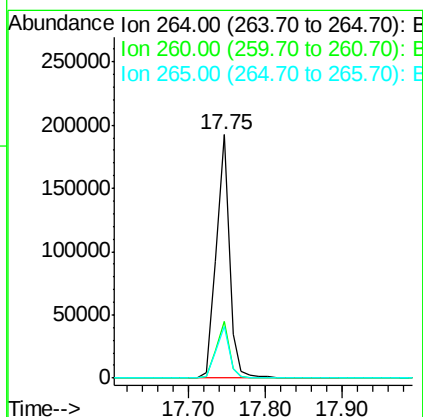
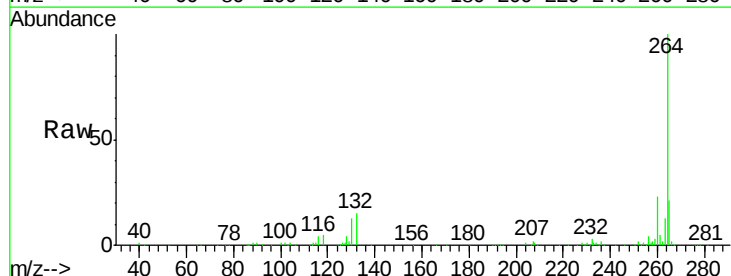
Instrument :
 BNA_F
 ClientSampleID :
 PB82120BS

Tgt Ion: 276 Resp: 480368
 Ion Ratio Lower Upper
 276 100
 138 28.7 0.0 0.0#
 277 24.7 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.75 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BF077754.D
 Acq: 16 Mar 2015 15:51

Tgt Ion: 264 Resp: 231391
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 27.8
 265 21.2 17.3 25.9

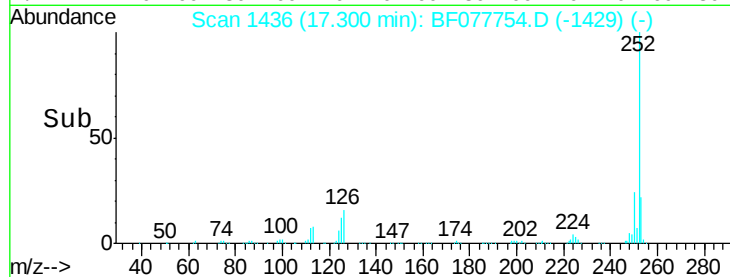
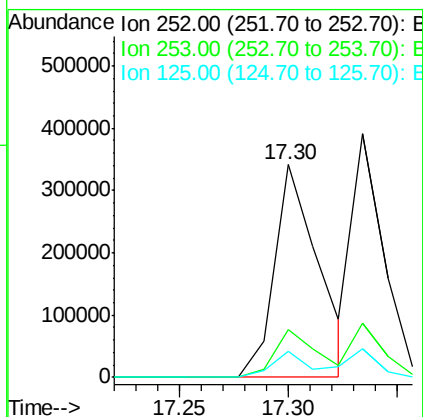
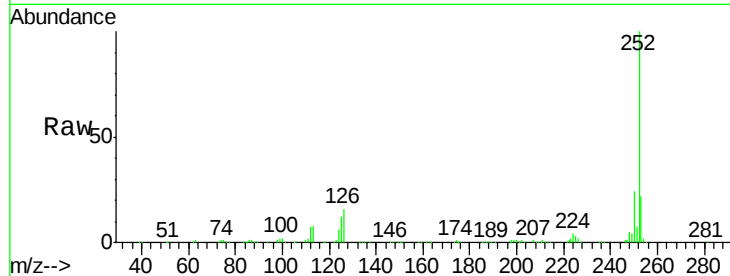




#87
Benzo(b)fluoranthene
Concen: 31.99 ng
RT: 17.30 min Scan# 1436
Delta R.T. -0.02 min
Lab File: BF077754.D
Acq: 16 Mar 2015 15:51

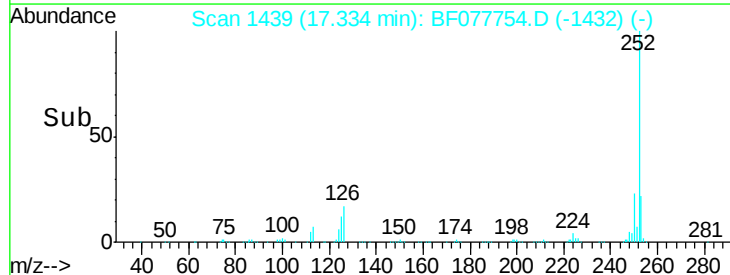
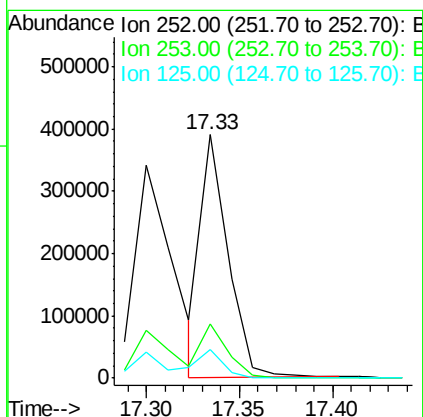
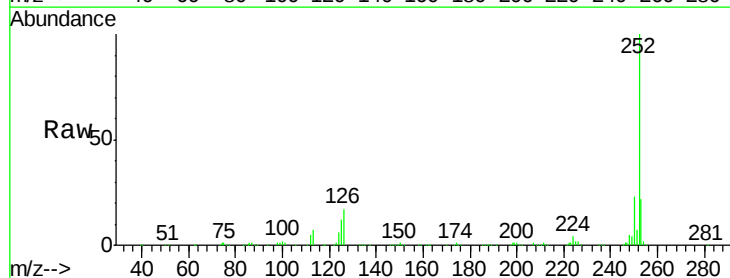
Instrument :
BNA_F
ClientSampleId :
PB82120BS

Tgt Ion:252 Resp: 483181
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 12.5 9.9 14.9



#88
Benzo(k)fluoranthene
Concen: 33.36 ng
RT: 17.33 min Scan# 1439
Delta R.T. -0.02 min
Lab File: BF077754.D
Acq: 16 Mar 2015 15:51

Tgt Ion:252 Resp: 393584
Ion Ratio Lower Upper
252 100
253 22.4 17.2 25.8
125 12.0 8.1 12.1





#89

Benzo(a)pyrene

Concen: 33.76 ng

RT: 17.68 min Scan# 1469

Delta R.T. -0.02 min

Lab File: BF077754.D

Acq: 16 Mar 2015 15:51

Instrument :

BNA_F

ClientSampleId :

PB82120BS

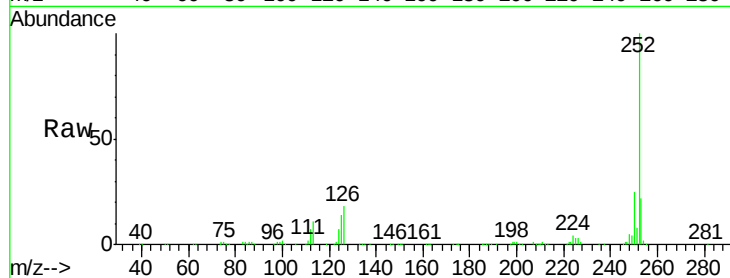
Tgt Ion:252 Resp: 425484

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

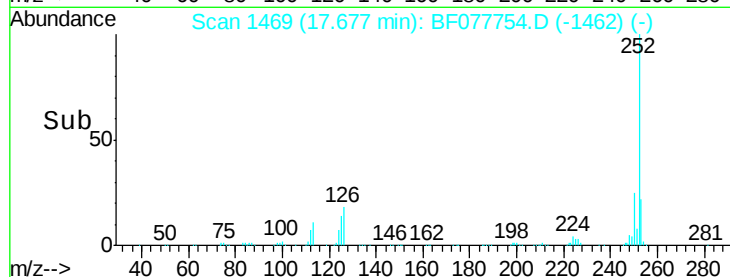
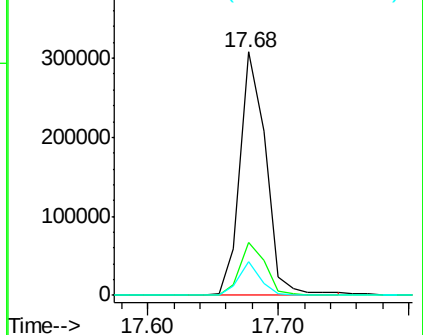
125 14.0 7.4 11.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 31.92 ng

RT: 19.16 min Scan# 1599

Delta R.T. -0.02 min

Lab File: BF077754.D

Acq: 16 Mar 2015 15:51

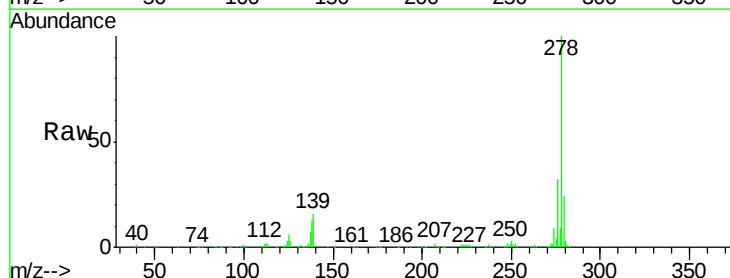
Tgt Ion:278 Resp: 399024

Ion Ratio Lower Upper

278 100

139 15.6 13.4 20.0

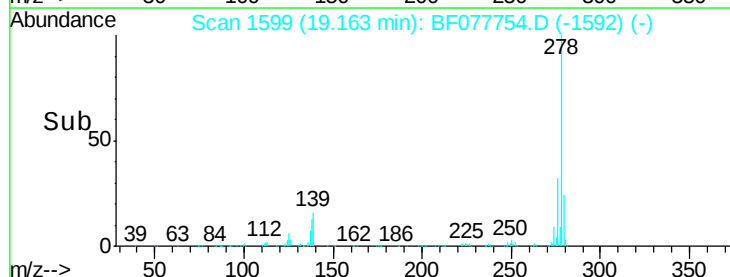
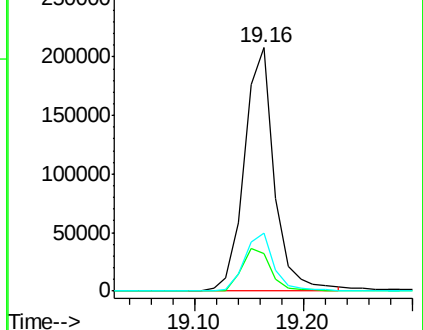
279 23.7 19.0 28.4

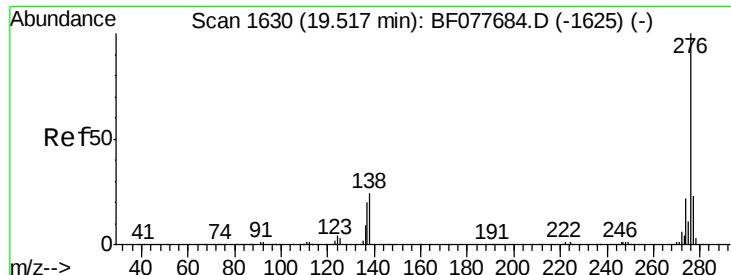


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 31.08 ng

RT: 19.54 min Scan# 1632

Delta R.T. -0.02 min

Lab File: BF077754.D

Acq: 16 Mar 2015 15:51

Instrument :

BNA_F

ClientSampleId :

PB82120BS

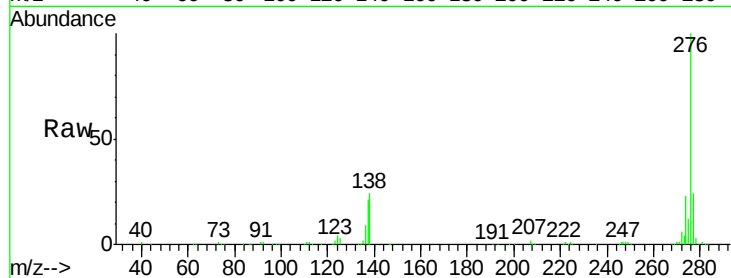
Tgt Ion: 276 Resp: 395521

Ion Ratio Lower Upper

276 100

277 24.4 18.5 27.7

138 24.3 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

