

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031815\
 Data File : BF077803.D
 Acq On : 18 Mar 2015 18:44
 Operator : TP/IZ
 Sample : PB82152BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82152BS

Quant Time: Mar 19 00:50:02 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 13 14:04:45 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	38807	20.00	ng	-0.01
21) Naphthalene-d8	8.74	136	163252	20.00	ng	-0.01
38) Acenaphthene-d10	10.91	164	82179	20.00	ng	0.00
63) Phenanthrene-d10	12.74	188	155008	20.00	ng	-0.01
75) Chrysene-d12	16.05	240	166103	20.00	ng	0.02
86) Perylene-d12	17.86	264	153497	20.00	ng	0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	293577	132.05	ng	-0.01
7) Phenol-d6	6.73	99	369038	134.35	ng	-0.01
23) Nitrobenzene-d5	7.85	82	206093	82.75	ng	-0.01
41) 2,4,6-Tribromophenol	11.88	330	89595	113.95	ng	-0.01
44) 2-Fluorobiphenyl	10.09	172	469157	83.90	ng	0.00
78) Terphenyl-d14	14.74	244	510182	75.03	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.06	88	33638	33.33	ng	# 100
3) Pyridine	2.75	79	97840	36.08	ng	96
4) n-Nitrosodimethylamine	2.68	42	37613	31.85	ng	99
6) Aniline	6.75	93	80457	20.48	ng	# 71
8) 2-Chlorophenol	6.89	128	109661	41.44	ng	99
9) Benzaldehyde	6.60	77	6920	6.15	ng	94
10) Phenol	6.74	94	131321	40.44	ng	88
11) bis(2-Chloroethyl)ether	6.85	93	101312	41.66	ng	98
12) 1,3-Dichlorobenzene	7.08	146	114722	38.98	ng	99
13) 1,4-Dichlorobenzene	7.18	146	112098	36.65	ng	100
14) 1,2-Dichlorobenzene	7.37	146	108268	38.61	ng	99
15) Benzyl Alcohol	7.34	79	86125	40.17	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.53	45	129172	39.41	ng	100
17) 2-Methylphenol	7.49	107	87645	40.68	ng	98
18) Hexachloroethane	7.78	117	39170	39.05	ng	96
19) n-Nitroso-di-n-propylamine	7.68	70	70939	37.33	ng	99
20) 3+4-Methylphenols	7.69	107	113268	40.07	ng	96
22) Acetophenone	7.66	105	141710	39.21	ng	# 97
24) Nitrobenzene	7.88	77	103809	38.69	ng	# 79
25) Isophorone	8.18	82	191311	38.04	ng	100
26) 2-Nitrophenol	8.27	139	51265	39.03	ng	96
27) 2,4-Dimethylphenol	8.34	122	99594	41.62	ng	99
28) bis(2-Chloroethoxy)methane	8.46	93	119902	39.28	ng	98
29) 2,4-Dichlorophenol	8.57	162	93390	40.94	ng	98
30) 1,2,4-Trichlorobenzene	8.67	180	97501	38.20	ng	98
31) Naphthalene	8.76	128	319977	38.16	ng	100
32) Benzoic acid	8.45	122	31881	25.44	ng	96
33) 4-Chloroaniline	8.84	127	79162	23.26	ng	97
34) Hexachlorobutadiene	8.92	225	51355	35.50	ng	97
35) Caprolactam	9.26	113	27142	40.71	ng	# 85
36) 4-Chloro-3-methylphenol	9.45	107	92946	40.50	ng	87
37) 2-Methylnaphthalene	9.62	142	220792	39.20	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.82	216	92484	37.73	ng	# 100
40) Hexachlorocyclopentadiene	9.81	237	85159	69.82	ng	99

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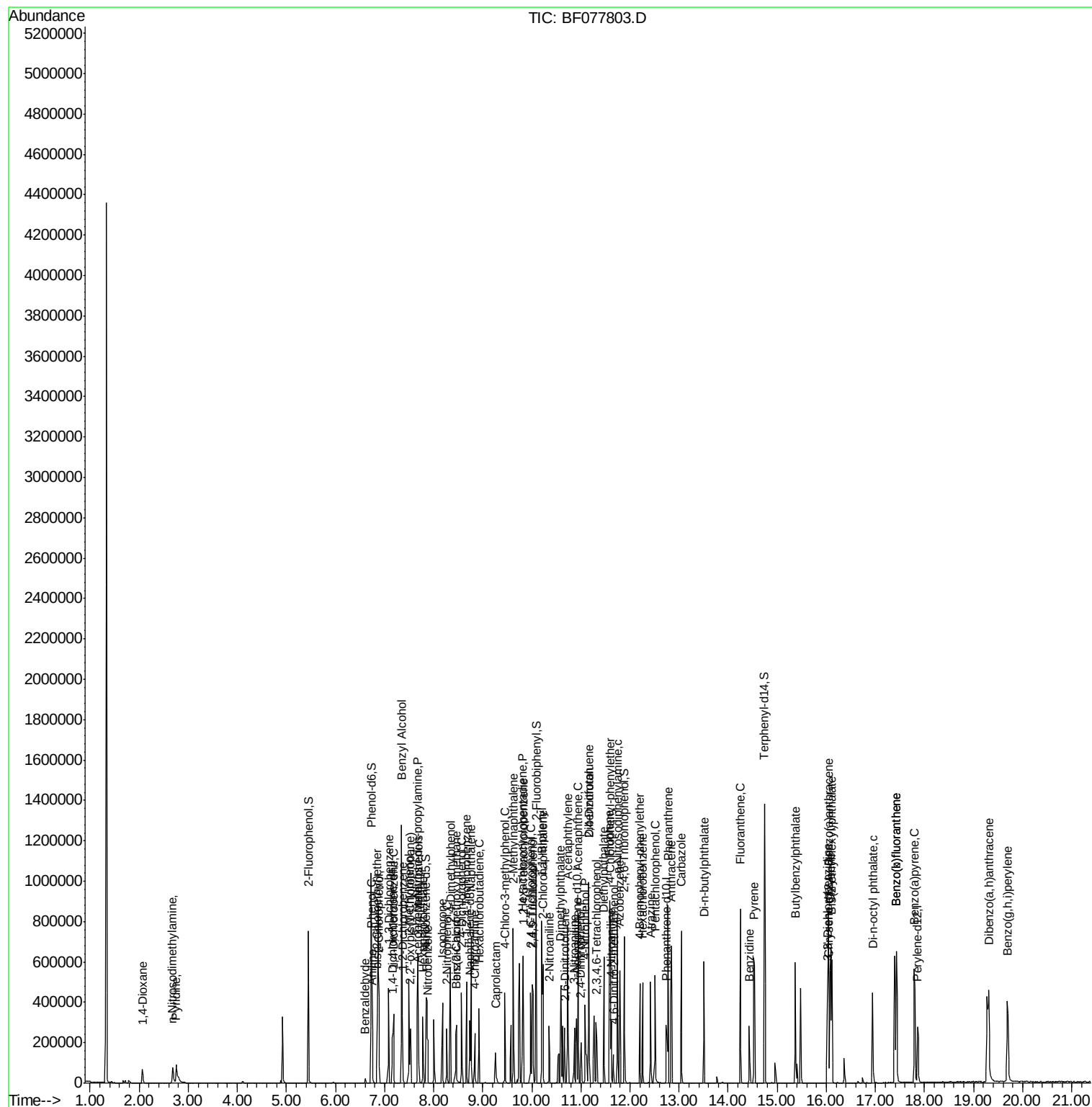
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.97	196	61872	36.44	ng	99
43) 2,4,5-Trichlorophenol	10.02	196	71469	38.96	ng	# 90
45) 1,1'-Biphenyl	10.20	154	254786	38.78	ng	98
46) 2-Chloronaphthalene	10.23	162	208708	39.09	ng	97
47) 2-Nitroaniline	10.35	65	52006	39.22	ng	88
48) Acenaphthylene	10.73	152	321977	36.27	ng	100
49) Dimethylphthalate	10.59	163	224206	36.78	ng	98
50) 2,6-Dinitrotoluene	10.67	165	50908	40.29	ng	# 67
51) Acenaphthene	10.95	154	185572	36.46	ng	99
52) 3-Nitroaniline	10.87	138	44947	30.63	ng	88
53) 2,4-Dinitrophenol	11.00	184	31094	68.30	ng	# 76
54) Dibenzofuran	11.16	168	293735	38.91	ng	97
55) 4-Nitrophenol	11.08	139	79868	73.48	ng	# 71
56) 2,4-Dinitrotoluene	11.16	165	68331	41.48	ng	# 78
57) Fluorene	11.59	166	238235	38.01	ng	100
58) 2,3,4,6-Tetrachlorophenol	11.32	232	51709	36.61	ng	# 100
59) Diethylphthalate	11.47	149	230278	38.78	ng	98
60) 4-Chlorophenyl-phenylether	11.60	204	106430	37.20	ng	91
61) 4-Nitroaniline	11.62	138	55993	38.29	ng	84
62) Azobenzene	11.79	77	215727	38.01	ng	95
64) 4,6-Dinitro-2-methylphenol	11.67	198	21761	31.37	ng	# 71
65) n-Nitrosodiphenylamine	11.75	169	205437	39.80	ng	99
66) 4-Bromophenyl-phenylether	12.20	248	64827	39.19	ng	# 89
67) Hexachlorobenzene	12.26	284	69591	38.29	ng	# 92
68) Atrazine	12.42	200	60482	41.81	ng	96
69) Pentachlorophenol	12.51	266	69431	73.20	ng	98
70) Phenanthrene	12.77	178	354150	39.80	ng	99
71) Anthracene	12.84	178	350493	39.87	ng	98
72) Carbazole	13.05	167	340443	40.71	ng	98
73) Di-n-butylphthalate	13.51	149	357041	38.08	ng	99
74) Fluoranthene	14.25	202	378093	38.52	ng	96
76) Benzidine	14.43	184	126981	30.79	ng	97
77) Pyrene	14.53	202	395744	37.89	ng	99
79) Butylbenzylphthalate	15.37	149	152223	36.96	ng	95
80) Benzo(a)anthracene	16.04	228	377793	38.37	ng	99
81) 3,3'-Dichlorobenzidine	16.02	252	81841	25.20	ng	100
82) Chrysene	16.09	228	347827	39.29	ng	100
83) Bis(2-ethylhexyl)phthalate	16.11	149	218512	35.03	ng	# 96
84) Di-n-octyl phthalate	16.95	149	359299	33.69	ng	99
87) Benzo(b)fluoranthene	17.43	252	317407	31.67	ng	99
88) Benzo(k)fluoranthene	17.43	252	326694	41.74	ng	# 95
89) Benzo(a)pyrene	17.79	252	344315	41.18	ng	# 95
90) Dibenzo(a,h)anthracene	19.31	278	310237	37.41	ng	99
91) Benzo(g,h,i)perylene	19.69	276	317886	37.65	ng	98

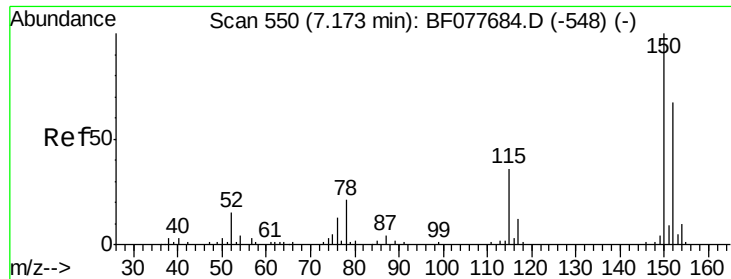
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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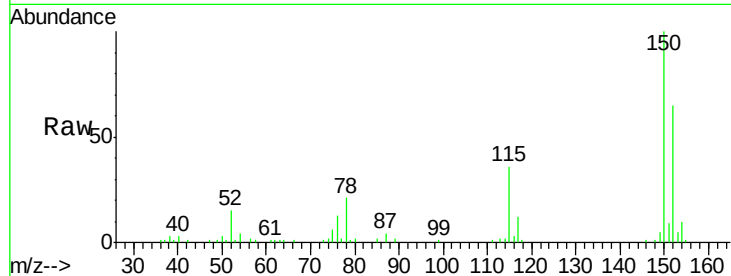


#1

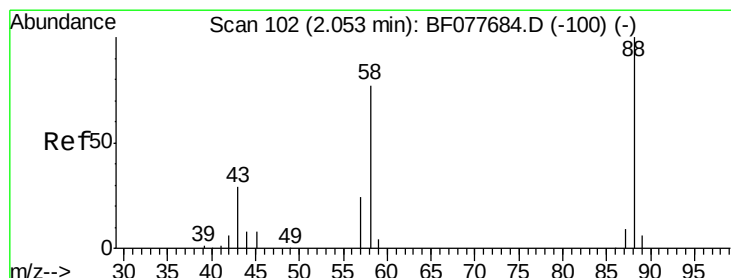
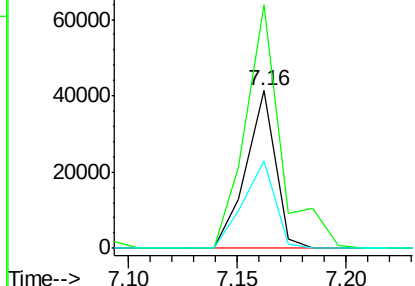
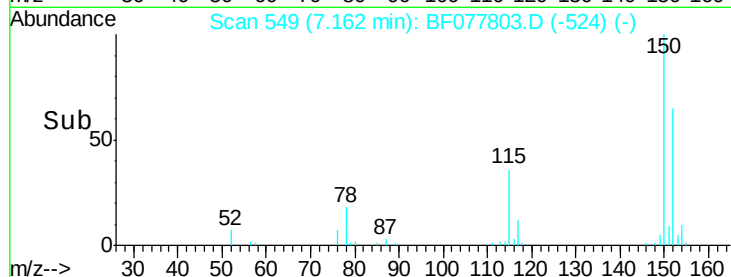
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.16 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF077803.D
Acq: 18 Mar 2015 18:44

Instrument :
BNA_F
ClientSampleId :
PB82152BS

Tgt Ion:152 Resp: 38807
Ion Ratio Lower Upper
152 100
150 154.7 119.5 179.3
115 55.3 43.0 64.4



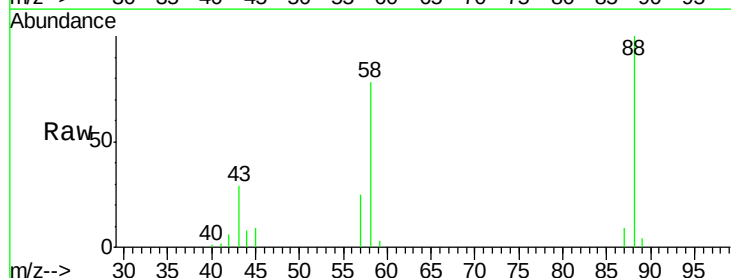
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



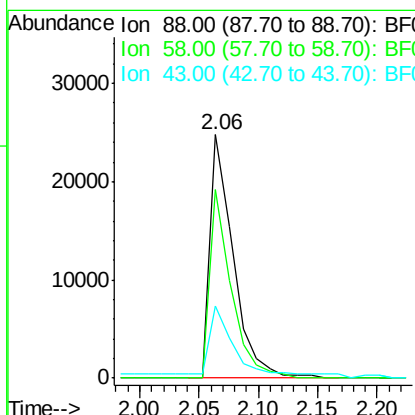
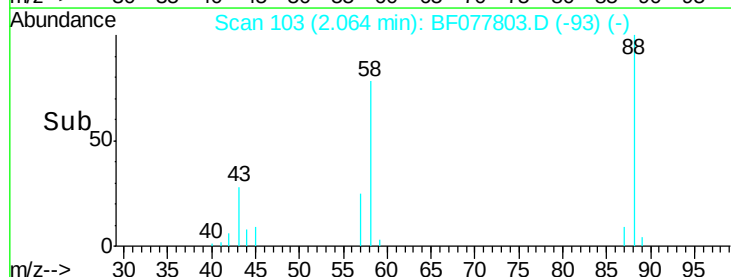
#2

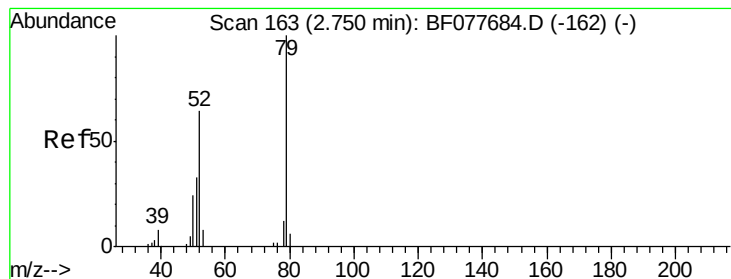
1,4-Dioxane
Concen: 33.33 ng
RT: 2.06 min Scan# 103
Delta R.T. 0.01 min
Lab File: BF077803.D
Acq: 18 Mar 2015 18:44

Tgt Ion: 88 Resp: 33638
Ion Ratio Lower Upper
88 100
58 71.6 0.0 0.0#
43 39.4 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: 36.08 ng

RT: 2.75 min Scan# 163

Delta R.T. 0.01 min

Lab File: BF077803.D

Acq: 18 Mar 2015 18:44

Instrument :

BNA_F

ClientSampleId :

PB82152BS

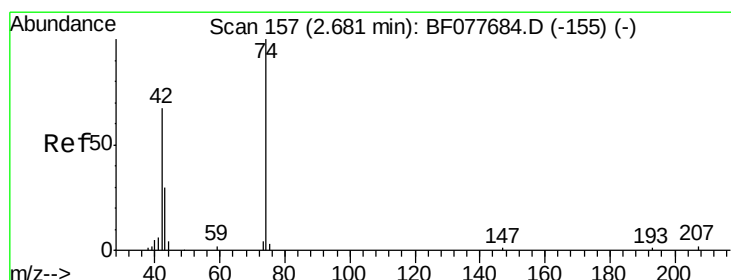
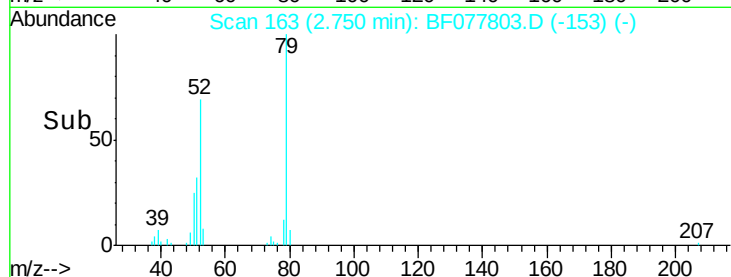
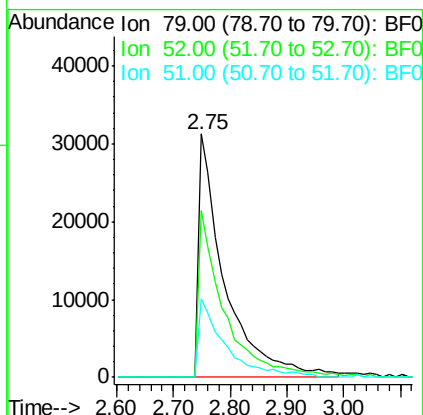
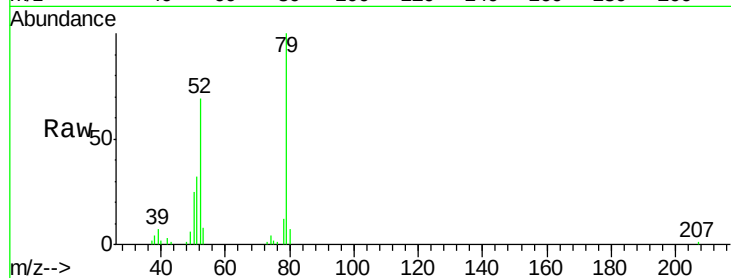
Tgt Ion: 79 Resp: 97840

Ion Ratio Lower Upper

79 100

52 68.6 51.1 76.7

51 32.4 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 31.85 ng

RT: 2.68 min Scan# 157

Delta R.T. 0.00 min

Lab File: BF077803.D

Acq: 18 Mar 2015 18:44

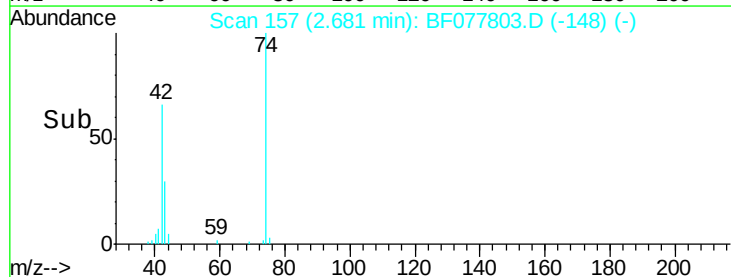
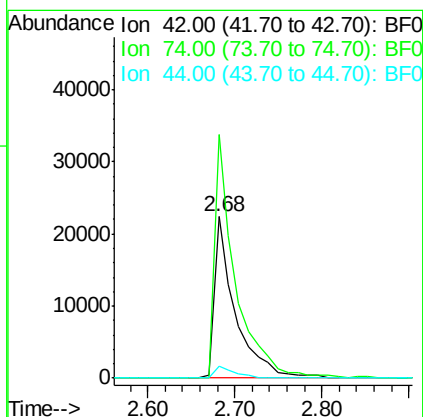
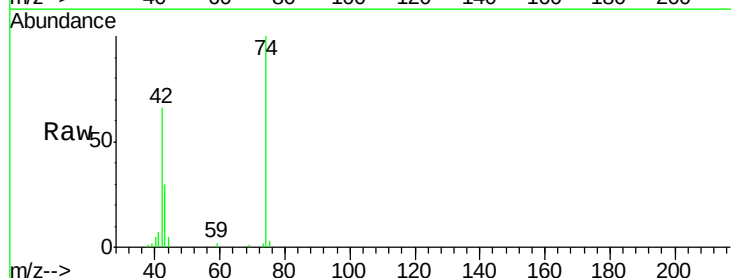
Tgt Ion: 42 Resp: 37613

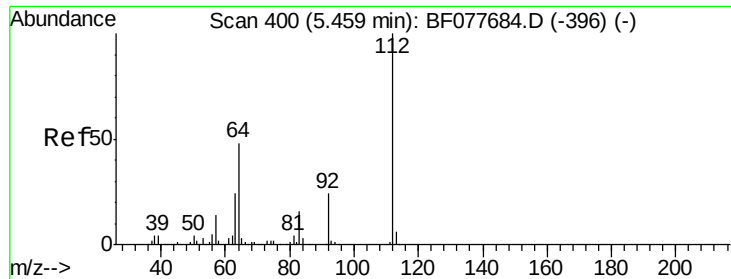
Ion Ratio Lower Upper

42 100

74 151.0 119.3 178.9

44 7.1 5.4 8.2





#5

2-Fluorophenol

Concen: 132.05 ng

RT: 5.45 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF077803.D

Acq: 18 Mar 2015 18:44

Instrument :

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ClientSampleId :

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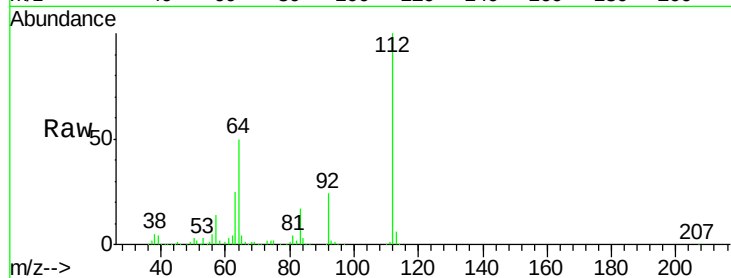
Tgt Ion: 112 Resp: 293577

Ion Ratio Lower Upper

112 100

64 49.6 38.6 57.8

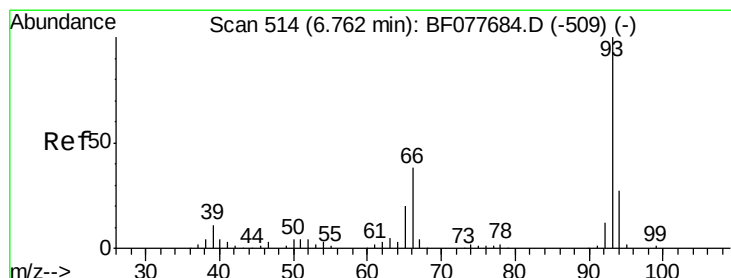
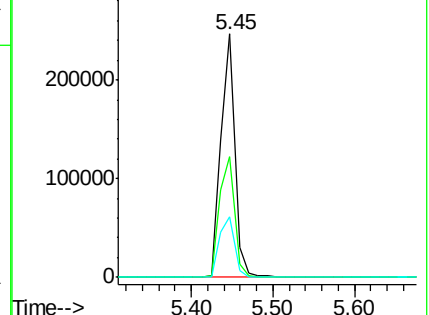
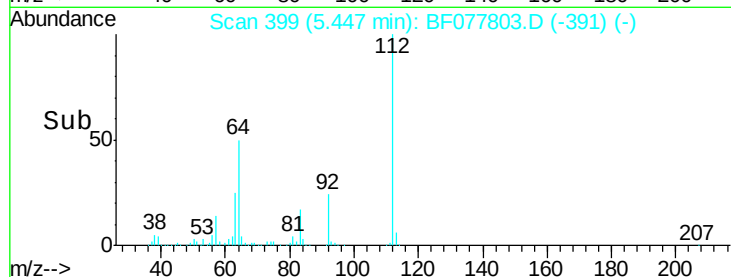
63 24.8 19.3 28.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 20.48 ng

RT: 6.75 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF077803.D

Acq: 18 Mar 2015 18:44

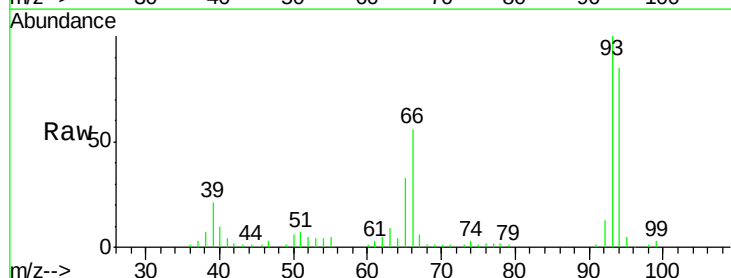
Tgt Ion: 93 Resp: 80457

Ion Ratio Lower Upper

93 100

66 56.0 30.8 46.2#

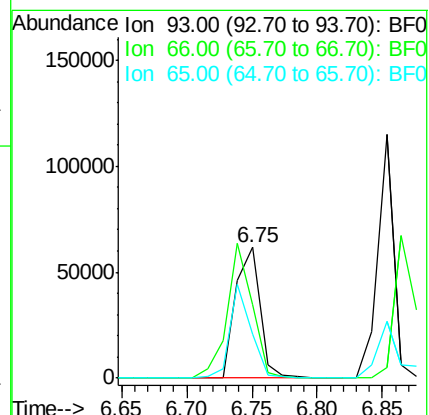
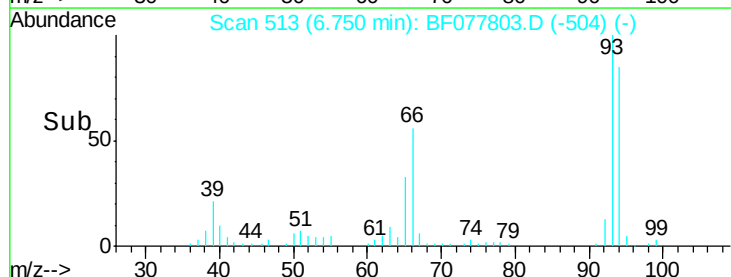
65 33.3 16.0 24.0#

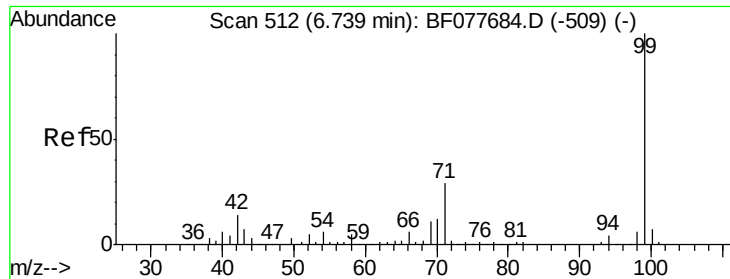


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 134.35 ng

RT: 6.73 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF077803.D

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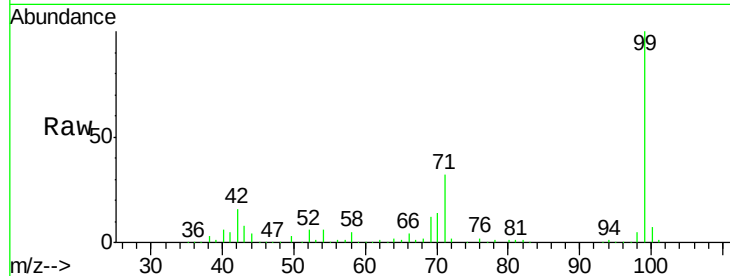
Tgt Ion: 99 Resp: 369038

Ion Ratio Lower Upper

99 100

42 15.6 11.0 16.4

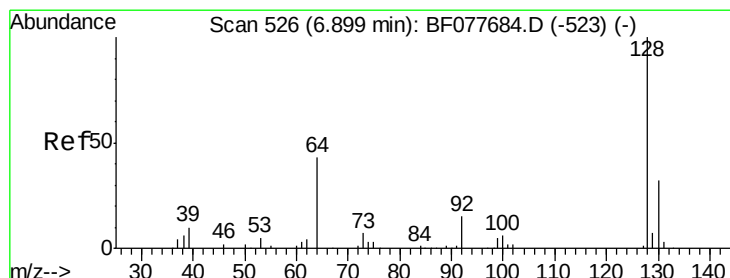
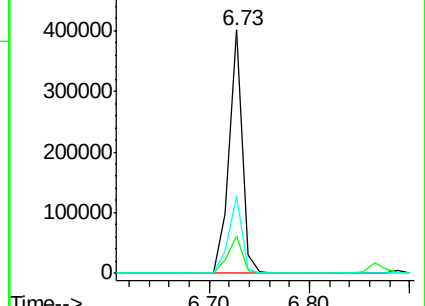
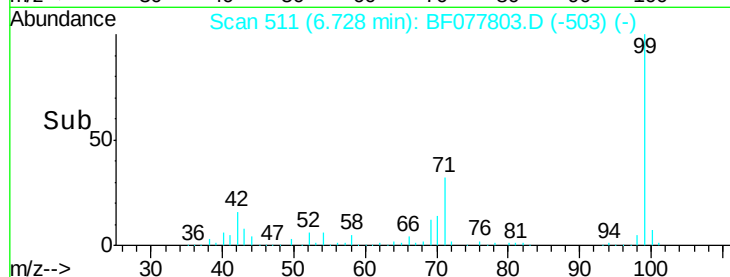
71 31.8 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF077684.D (-509) (-)

Ion 42.00 (41.70 to 42.70): BF077684.D (-509) (-)

Ion 71.00 (70.70 to 71.70): BF077684.D (-509) (-)



#8

2-Chlorophenol

Concen: 41.44 ng

RT: 6.89 min Scan# 525

Delta R.T. -0.01 min

Lab File: BF077803.D

Acq: 18 Mar 2015 18:44

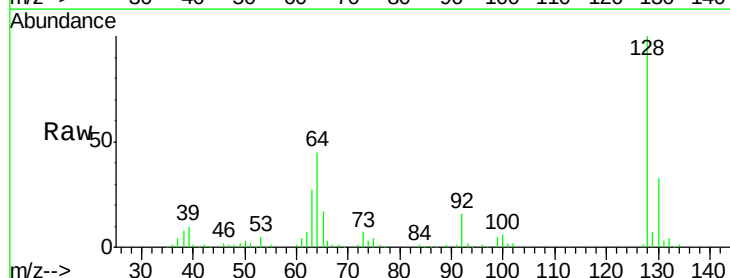
Tgt Ion: 128 Resp: 109661

Ion Ratio Lower Upper

128 100

130 32.7 12.0 52.0

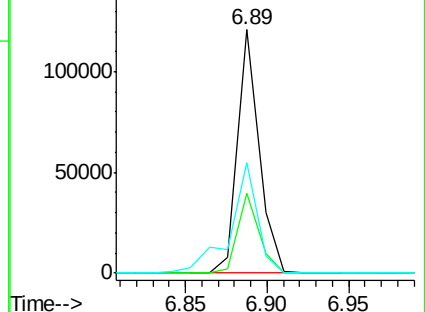
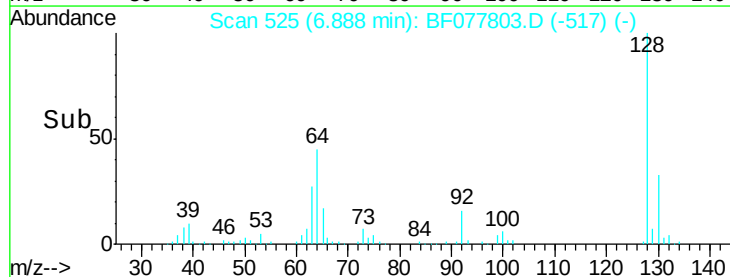
64 45.4 24.9 64.9

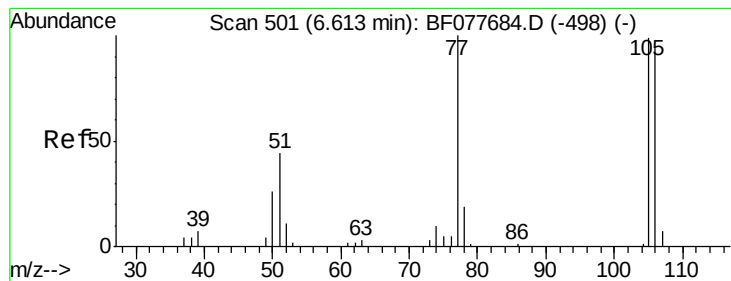


Abundance Ion 128.00 (127.70 to 128.70): BF077684.D (-523) (-)

Ion 130.00 (129.70 to 130.70): BF077684.D (-523) (-)

Ion 64.00 (63.70 to 64.70): BF077684.D (-523) (-)





#9

Benzaldehyde

Concen: 6.15 ng

RT: 6.60 min Scan# 500

Delta R.T. -0.01 min

Lab File: BF077803.D

Acq: 18 Mar 2015 18:44

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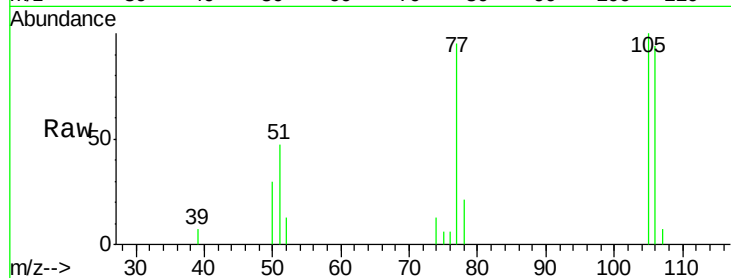
Tgt Ion: 77 Resp: 6920

Ion Ratio Lower Upper

77 100

105 105.1 78.8 118.8

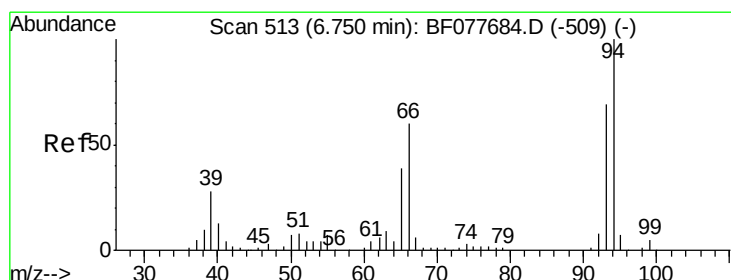
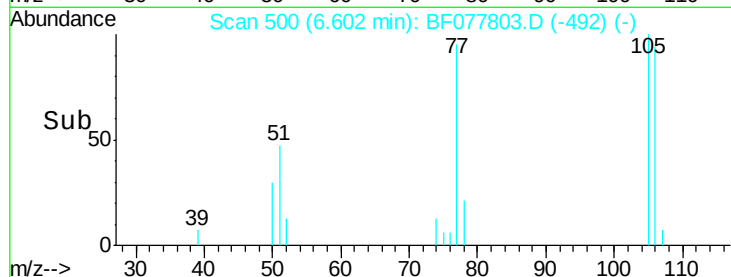
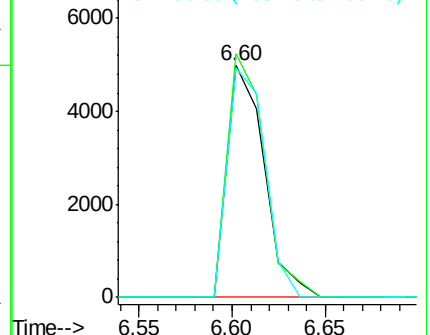
106 99.2 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 40.44 ng

RT: 6.74 min Scan# 512

Delta R.T. -0.01 min

Lab File: BF077803.D

Acq: 18 Mar 2015 18:44

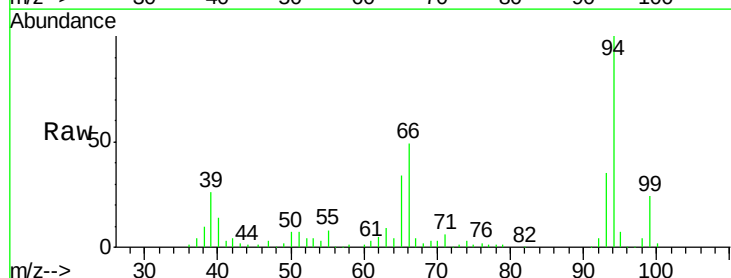
Tgt Ion: 94 Resp: 131321

Ion Ratio Lower Upper

94 100

65 33.5 18.8 58.8

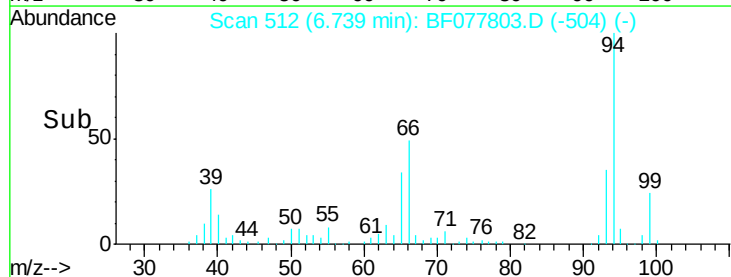
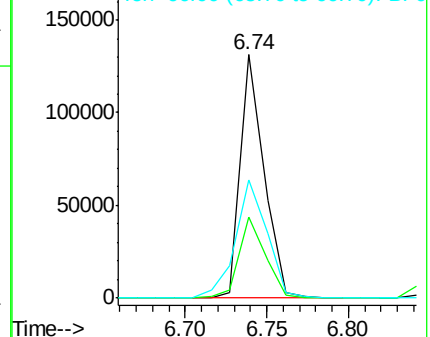
66 48.7 39.9 79.9

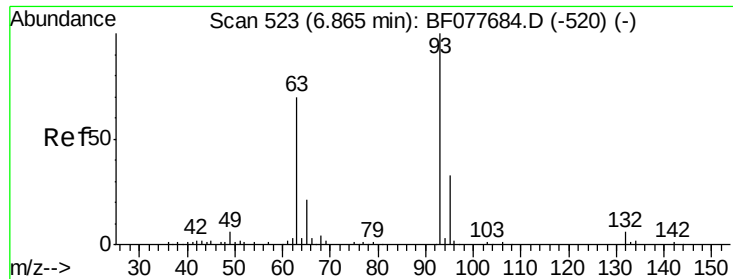


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

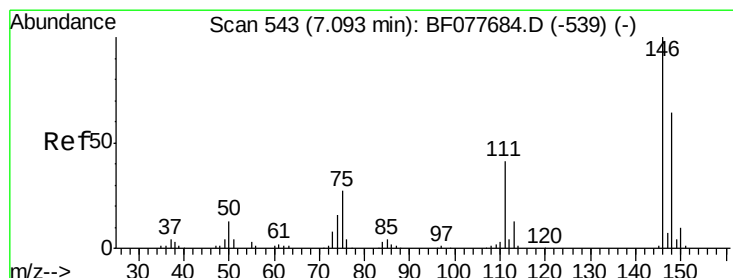
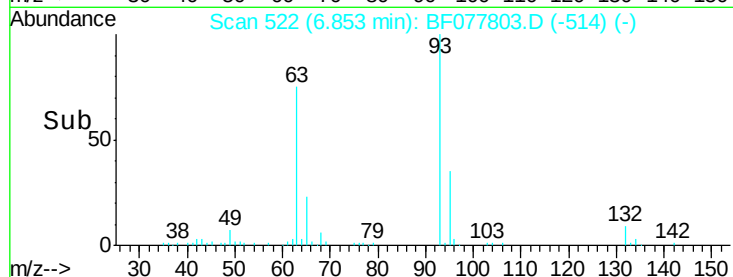
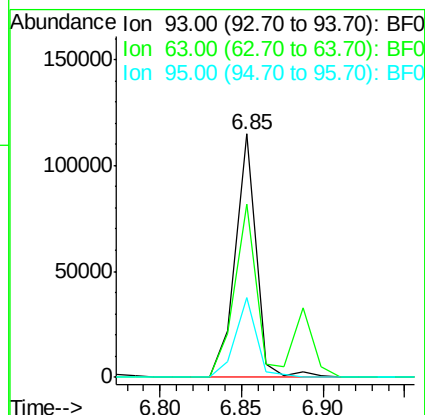
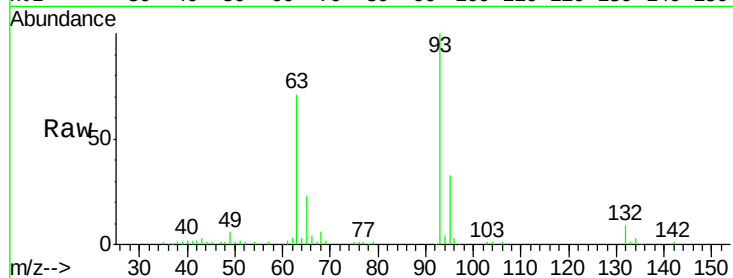




#11
bis(2-Chloroethyl)ether
Concen: 41.66 ng
RT: 6.85 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF077803.D
Acq: 18 Mar 2015 18:44

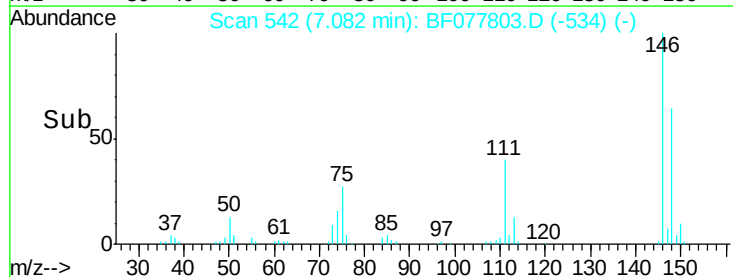
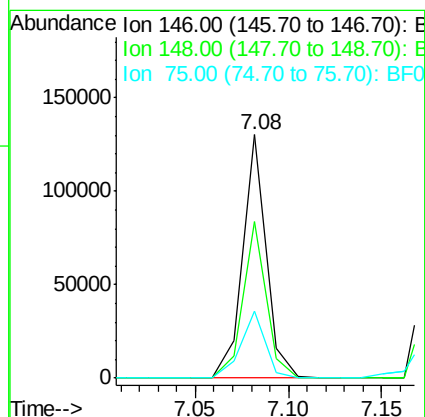
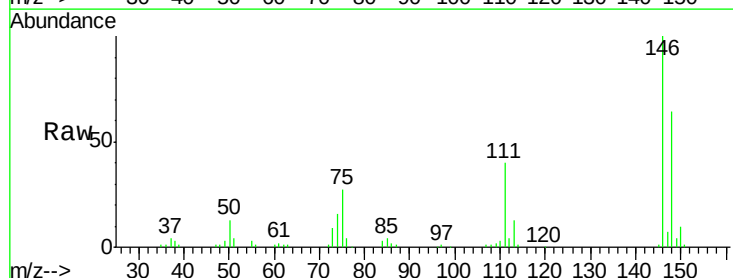
Instrument :
BNA_F
ClientSampleId :
PB82152BS

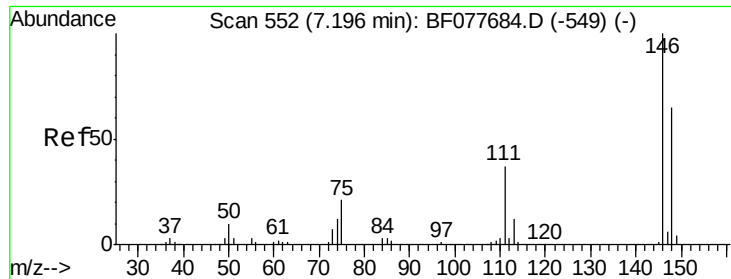
Tgt Ion: 93 Resp: 101312
Ion Ratio Lower Upper
93 100
63 71.2 49.5 89.5
95 33.0 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 38.98 ng
RT: 7.08 min Scan# 542
Delta R.T. -0.01 min
Lab File: BF077803.D
Acq: 18 Mar 2015 18:44

Tgt Ion: 146 Resp: 114722
Ion Ratio Lower Upper
146 100
148 64.4 50.9 76.3
75 27.3 21.4 32.2

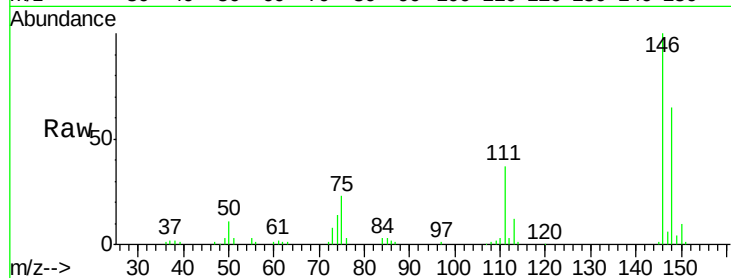




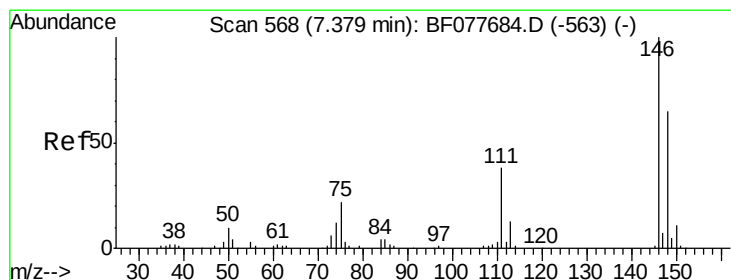
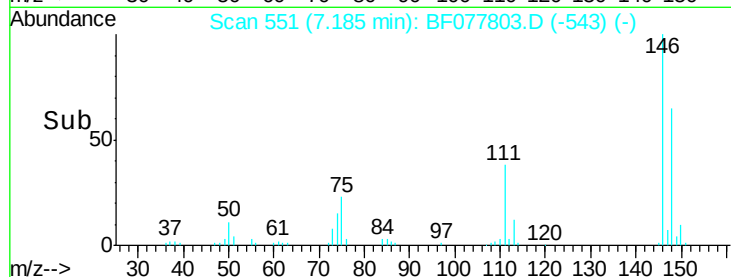
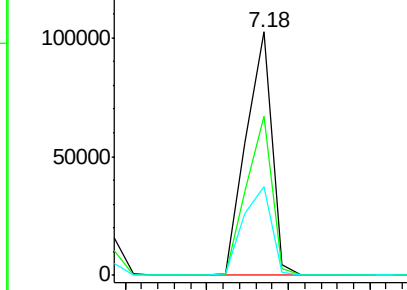
#13
 1,4-Dichlorobenzene
 Concen: 36.65 ng
 RT: 7.18 min Scan# 551
 Delta R.T. -0.01 min
 Lab File: BF077803.D
 Acq: 18 Mar 2015 18:44

Instrument :
 BNA_F
 ClientSampleId :
 PB82152BS

Tgt Ion:146 Resp: 112098
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.9 77.9
 111 36.6 29.2 43.8

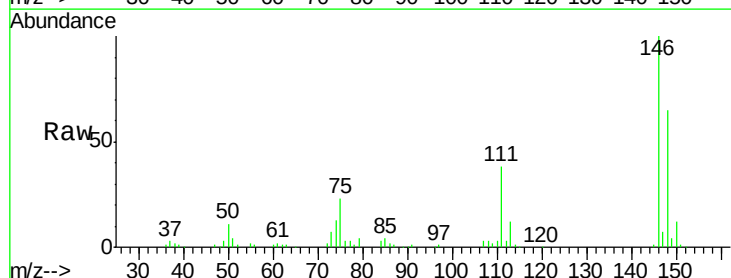


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

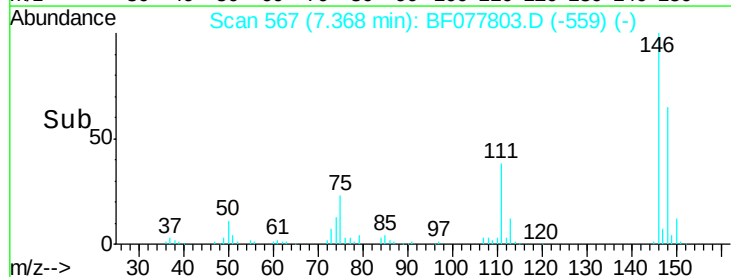
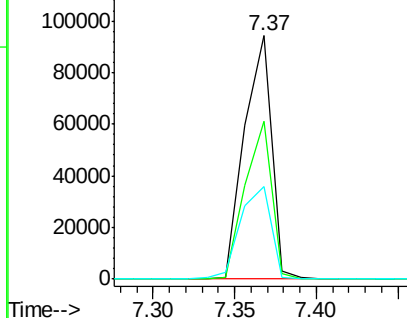


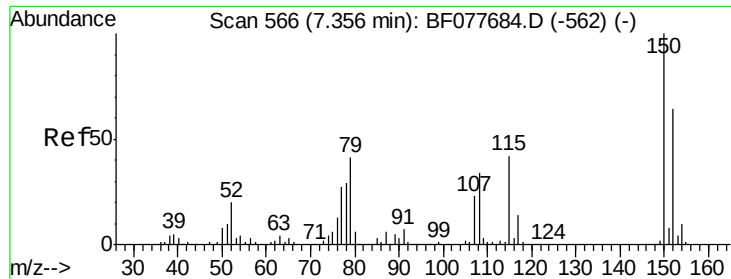
#14
 1,2-Dichlorobenzene
 Concen: 38.61 ng
 RT: 7.37 min Scan# 567
 Delta R.T. -0.01 min
 Lab File: BF077803.D
 Acq: 18 Mar 2015 18:44

Tgt Ion:146 Resp: 108268
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.3 78.5
 111 38.1 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

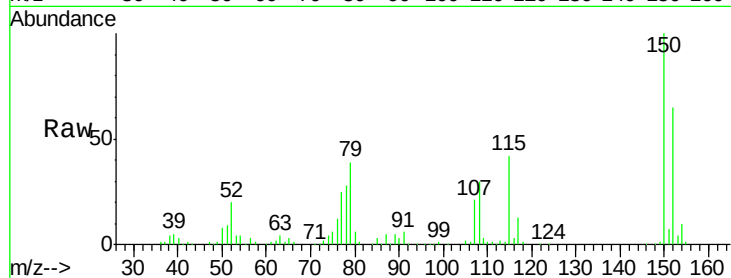




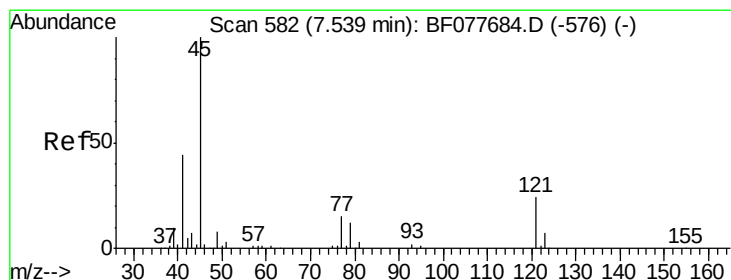
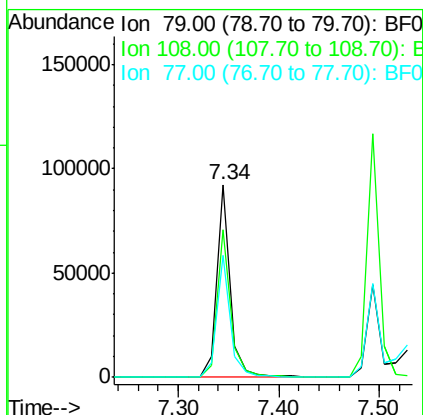
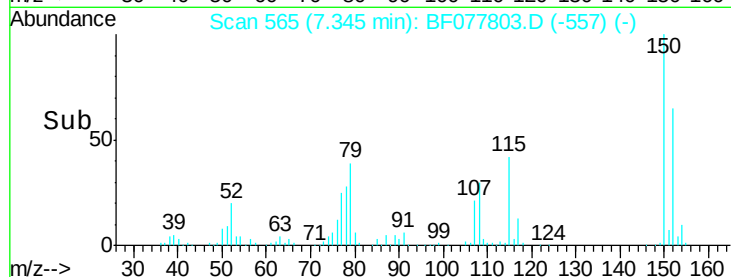
#15
Benzyl Alcohol
Concen: 40.17 ng
RT: 7.34 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF077803.D
Acq: 18 Mar 2015 18:44

Instrument :
BNA_F
ClientSampleId :
PB82152BS

Tgt Ion: 79 Resp: 86125
Ion Ratio Lower Upper
79 100
108 76.5 65.0 97.4
77 63.1 53.0 79.6

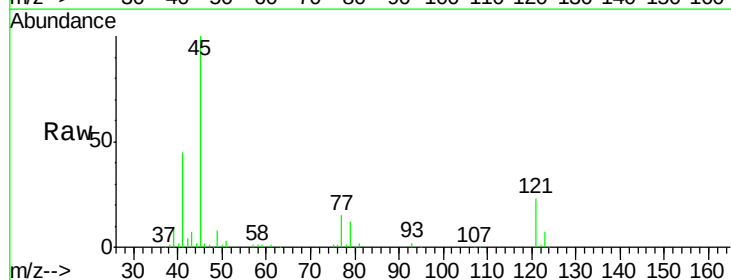


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

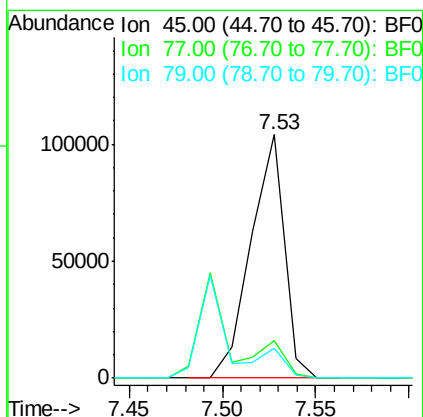
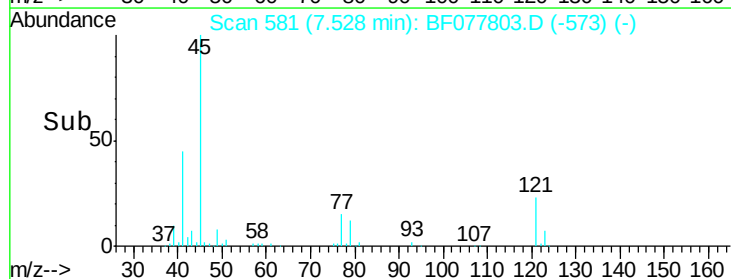


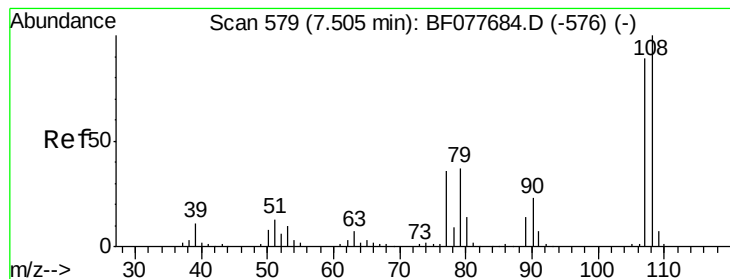
#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.41 ng
RT: 7.53 min Scan# 581
Delta R.T. -0.01 min
Lab File: BF077803.D
Acq: 18 Mar 2015 18:44

Tgt Ion: 45 Resp: 129172
Ion Ratio Lower Upper
45 100
77 15.2 0.0 35.2
79 12.4 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: 40.68 ng

RT: 7.49 min Scan# 578

Delta R.T. -0.01 min

Lab File: BF077803.D

Acq: 18 Mar 2015 18:44

Instrument :

BNA_F

ClientSampleId :

PB82152BS

Tgt Ion:107 Resp: 87645

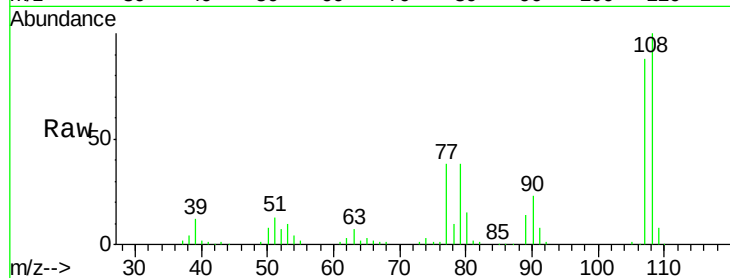
Ion Ratio Lower Upper

107 100

108 113.2 89.8 134.8

77 43.5 32.6 48.8

79 42.8 32.8 49.2

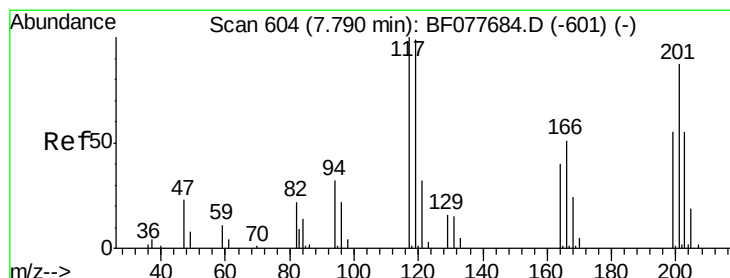
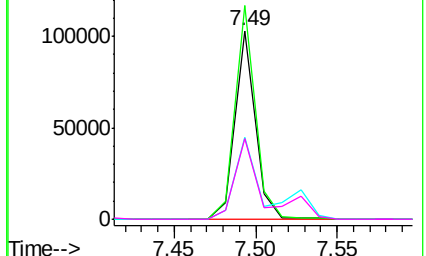
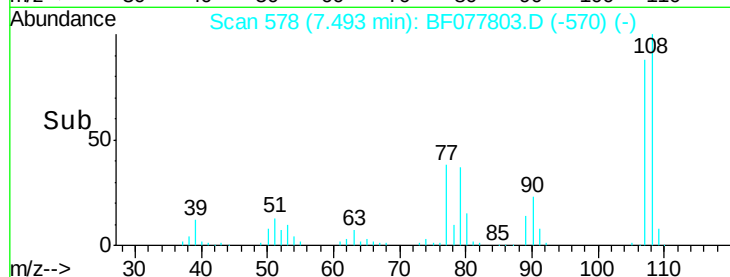


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.05 ng

RT: 7.78 min Scan# 603

Delta R.T. -0.01 min

Lab File: BF077803.D

Acq: 18 Mar 2015 18:44

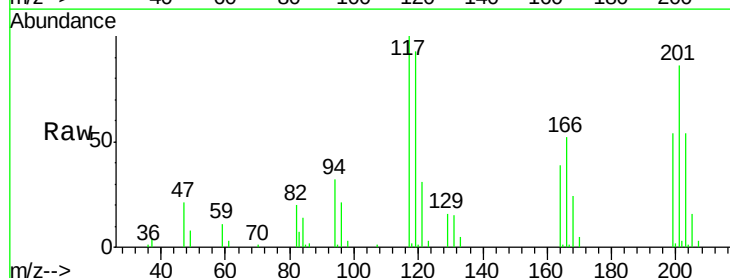
Tgt Ion:117 Resp: 39170

Ion Ratio Lower Upper

117 100

119 93.1 79.2 118.8

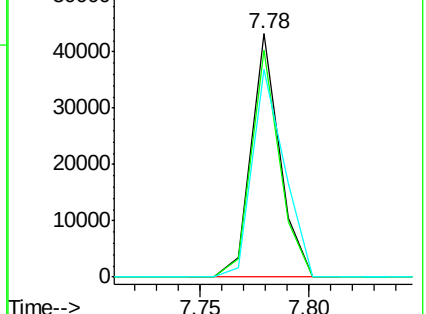
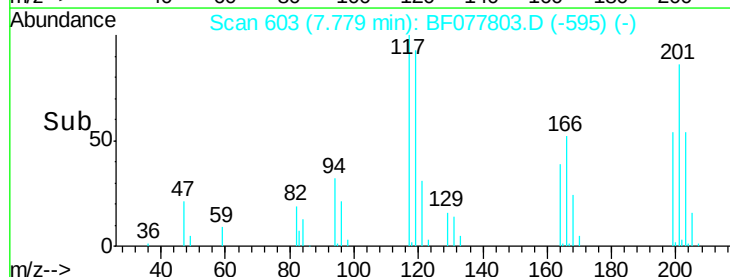
201 85.5 69.8 104.6

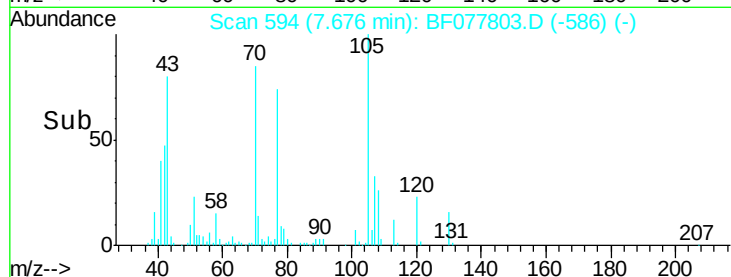
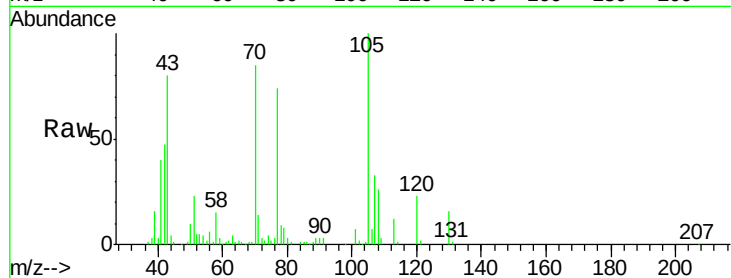
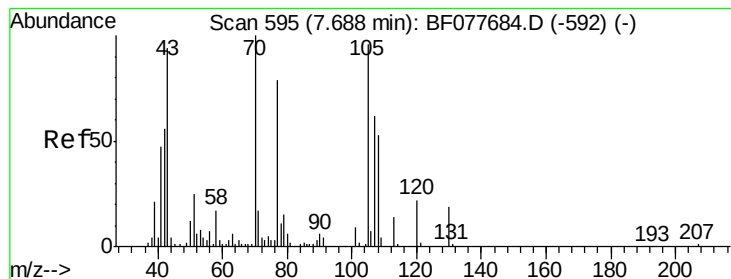


Abundance Ion 117.00 (116.70 to 117.70): E

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: 37.33 ng

RT: 7.68 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF077803.D

Acq: 18 Mar 2015 18:44

Instrument :

BNA_F

ClientSampleId :

PB82152BS

Tgt Ion: 70 Resp: 70939

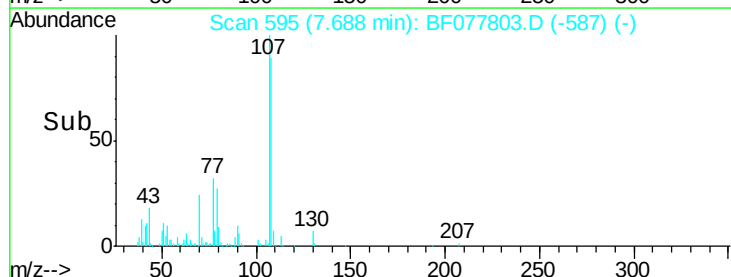
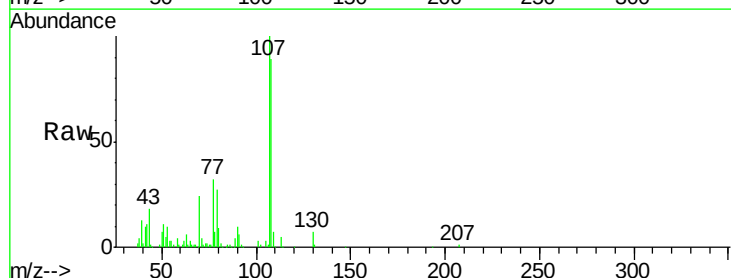
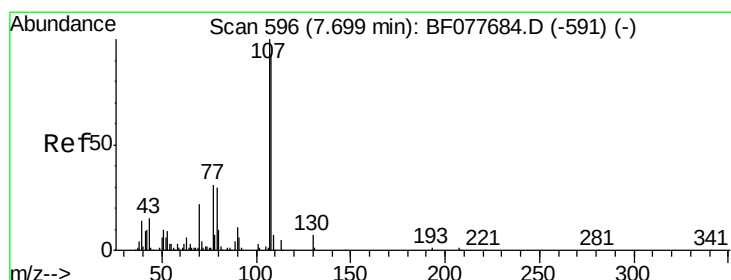
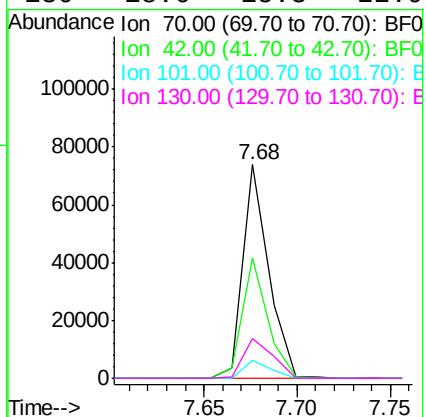
Ion Ratio Lower Upper

70 100

42 56.1 44.5 66.7

101 8.3 7.4 11.2

130 18.6 15.3 22.9



#20

3+4-Methylphenols

Concen: 40.07 ng

RT: 7.69 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF077803.D

Acq: 18 Mar 2015 18:44

Tgt Ion: 107 Resp: 113268

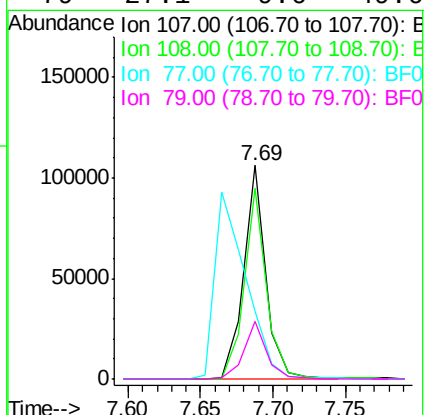
Ion Ratio Lower Upper

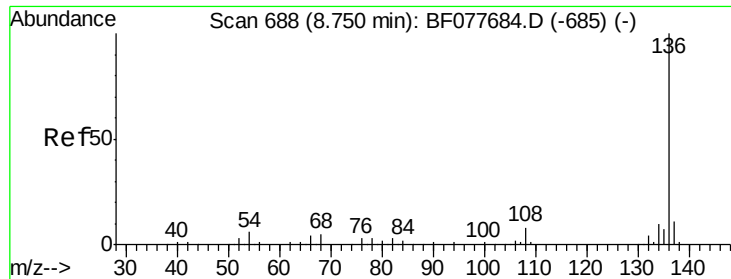
107 100

108 89.3 73.2 113.2

77 31.6 10.7 50.7

79 27.1 9.6 49.6

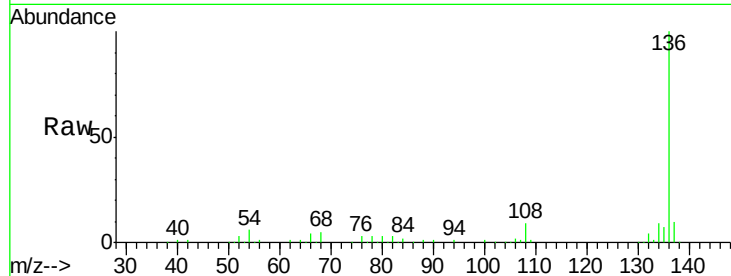




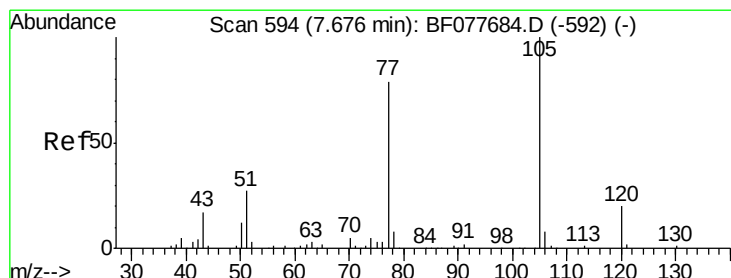
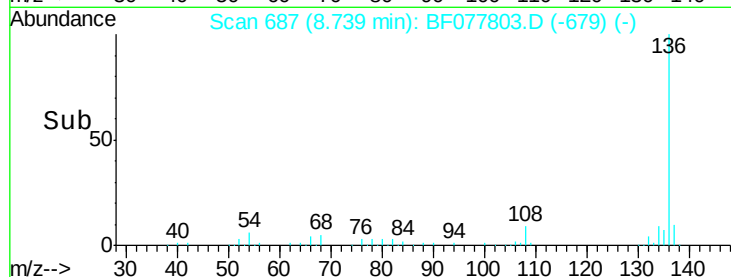
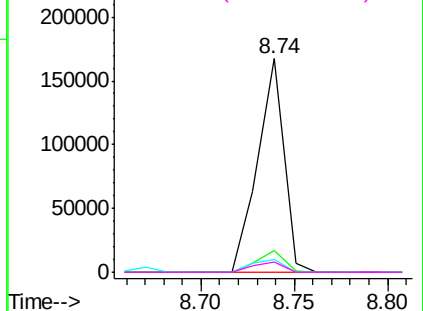
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.74 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF077803.D
Acq: 18 Mar 2015 18:44

Instrument :
BNA_F
ClientSampleId :
PB82152BS

Tgt Ion:	136	Resp:	163252
Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.7	13.1
54	5.7	4.6	6.8
68	4.7	3.7	5.5

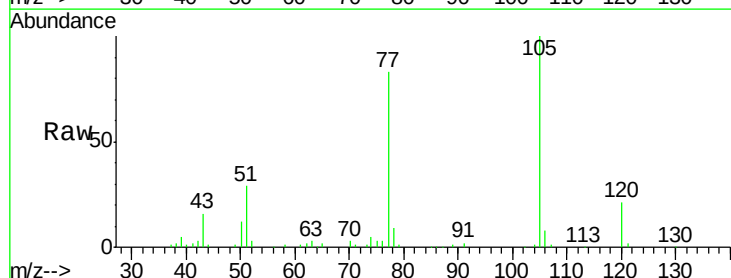


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

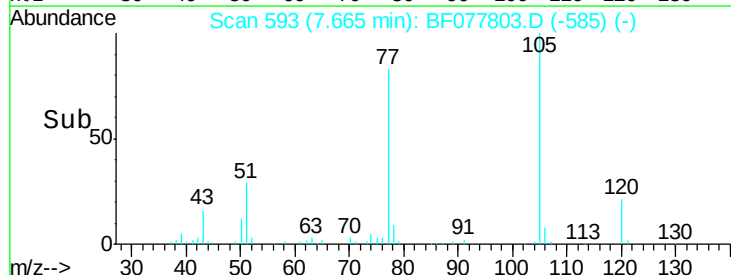
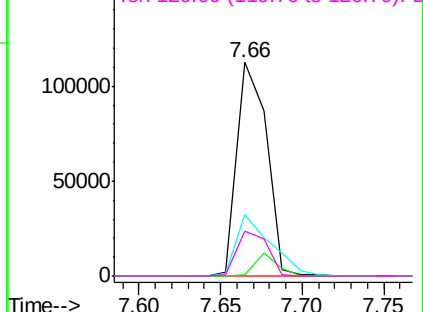


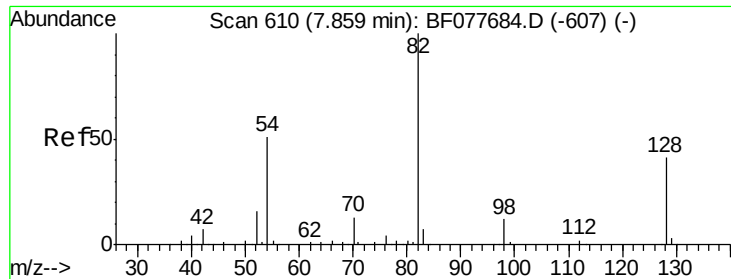
#22
Acetophenone
Concen: 39.21 ng
RT: 7.66 min Scan# 593
Delta R.T. -0.01 min
Lab File: BF077803.D
Acq: 18 Mar 2015 18:44

Tgt Ion:	105	Resp:	141710
Ion	Ratio	Lower	Upper
105	100		
71	0.5	0.6	1.0#
51	28.8	21.6	32.4
120	21.2	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

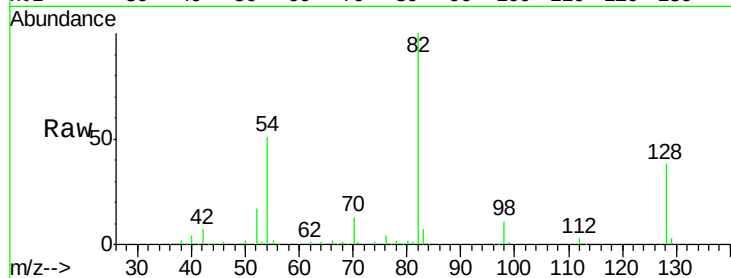




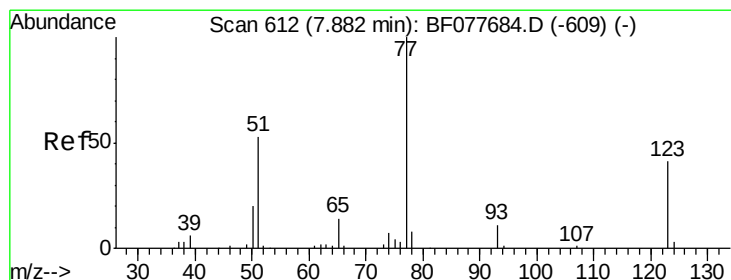
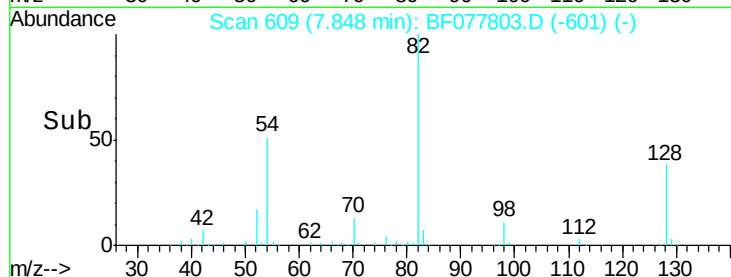
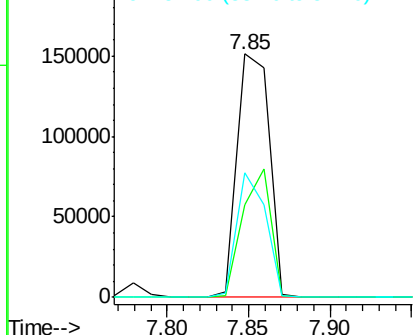
#23
 Nitrobenzene-d5
 Concen: 82.75 ng
 RT: 7.85 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF077803.D
 Acq: 18 Mar 2015 18:44

Instrument :
 BNA_F
 ClientSampleId :
 PB82152BS

Tgt Ion: 82 Resp: 206093
 Ion Ratio Lower Upper
 82 100
 128 38.0 32.8 49.2
 54 51.1 40.6 60.8

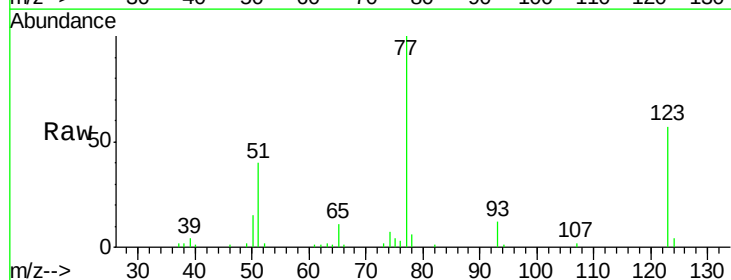


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

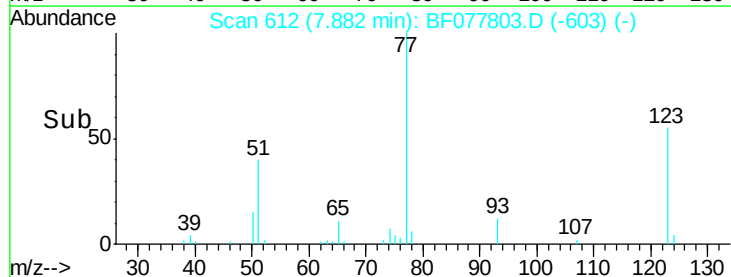
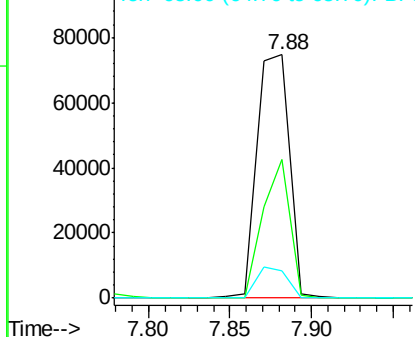


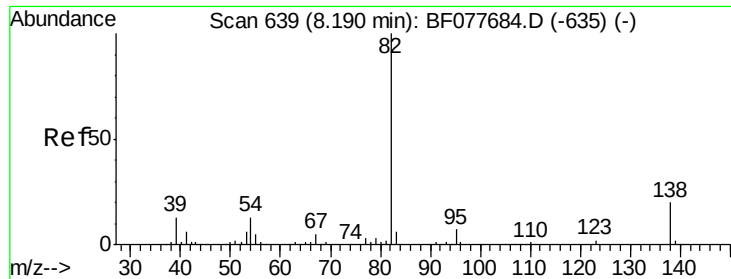
#24
 Nitrobenzene
 Concen: 38.69 ng
 RT: 7.88 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF077803.D
 Acq: 18 Mar 2015 18:44

Tgt Ion: 77 Resp: 103809
 Ion Ratio Lower Upper
 77 100
 123 57.0 32.6 49.0#
 65 11.3 10.9 16.3



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





#25

Isophorone

Concen: 38.04 ng

RT: 8.18 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF077803.D

Acq: 18 Mar 2015 18:44

Instrument :

BNA_F

ClientSampleId :

PB82152BS

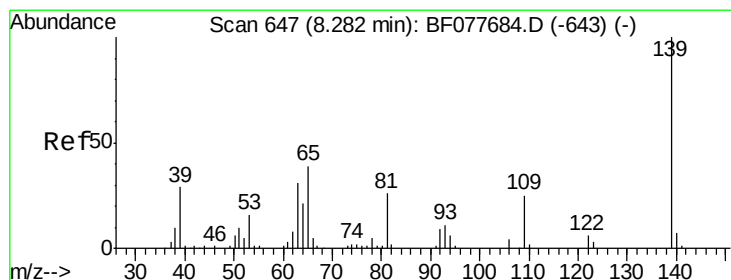
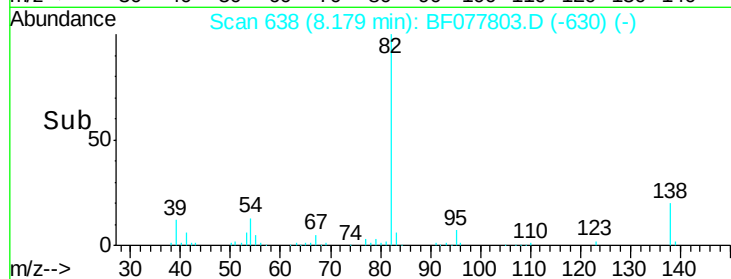
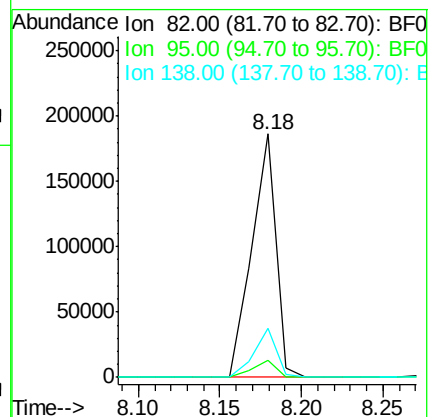
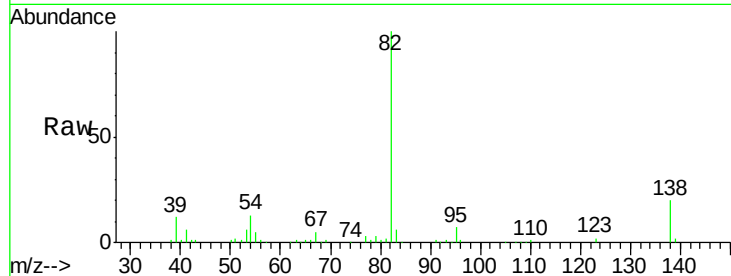
Tgt Ion: 82 Resp: 191311

Ion Ratio Lower Upper

82 100

95 7.1 5.8 8.6

138 20.4 16.3 24.5



#26

2-Nitrophenol

Concen: 39.03 ng

RT: 8.27 min Scan# 646

Delta R.T. -0.01 min

Lab File: BF077803.D

Acq: 18 Mar 2015 18:44

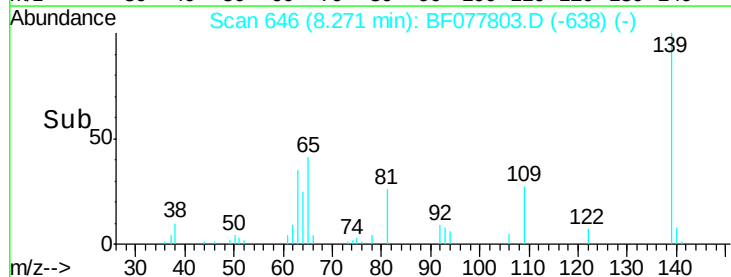
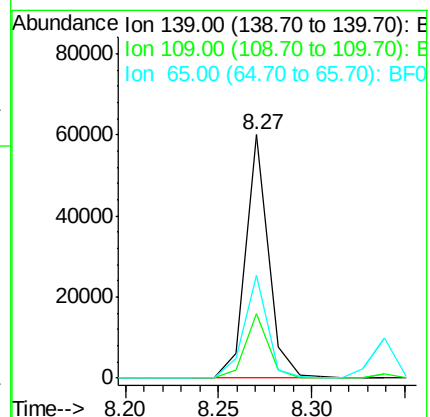
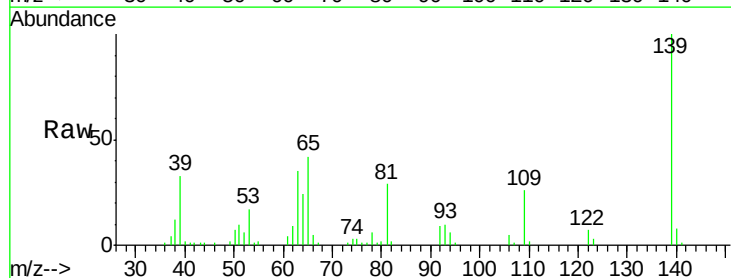
Tgt Ion: 139 Resp: 51265

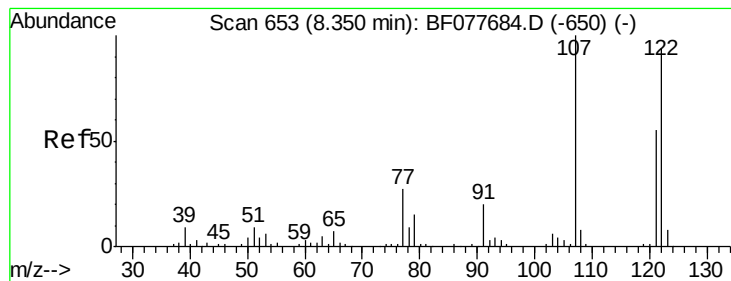
Ion Ratio Lower Upper

139 100

109 26.2 20.1 30.1

65 42.3 31.5 47.3





#27

2,4-Dimethylphenol

Concen: 41.62 ng

RT: 8.34 min Scan# 652

Delta R.T. -0.01 min

Lab File: BF077803.D

Acq: 18 Mar 2015 18:44

Instrument :

BNA_F

ClientSampleId :

PB82152BS

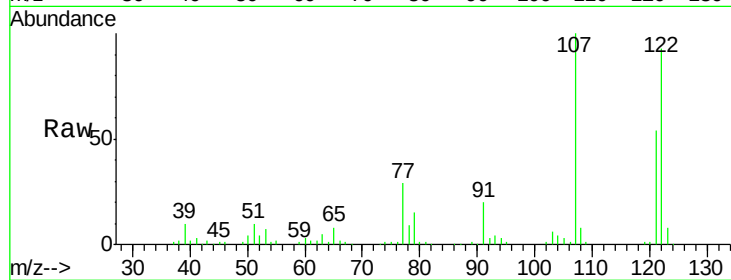
Tgt Ion:122 Resp: 99594

Ion Ratio Lower Upper

122 100

107 107.3 84.7 127.1

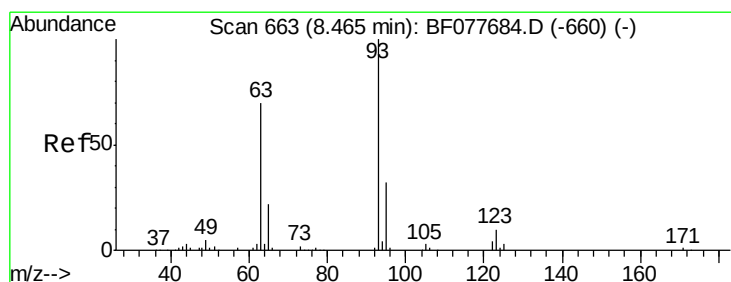
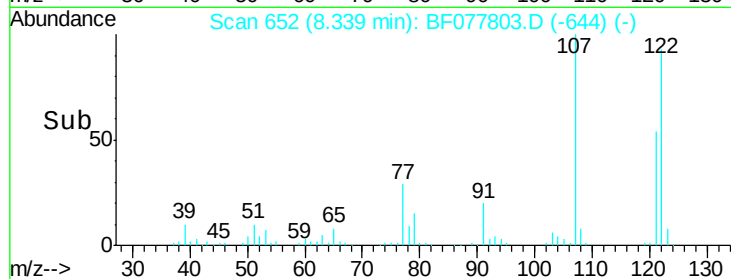
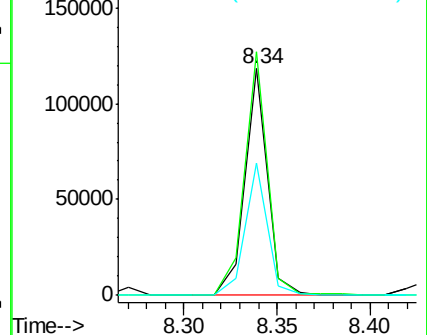
121 58.3 46.6 69.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.28 ng

RT: 8.46 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF077803.D

Acq: 18 Mar 2015 18:44

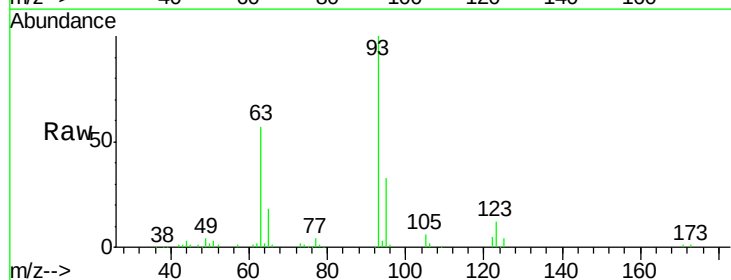
Tgt Ion: 93 Resp: 119902

Ion Ratio Lower Upper

93 100

95 32.9 25.5 38.3

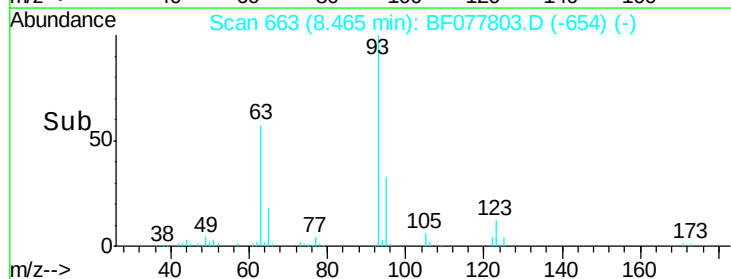
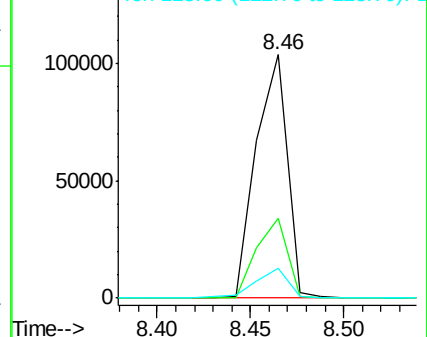
123 12.4 8.6 13.0

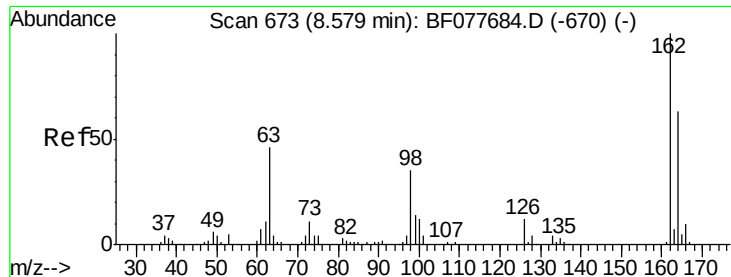


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

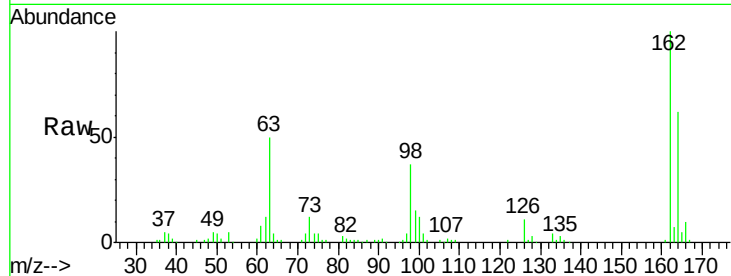




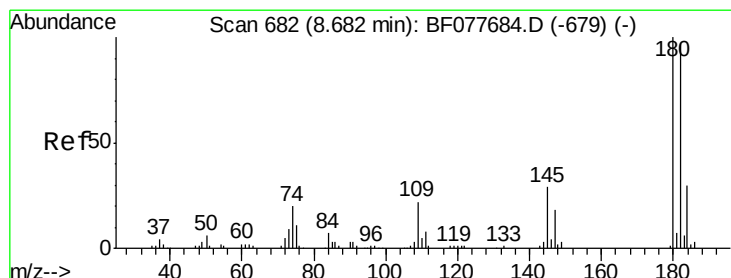
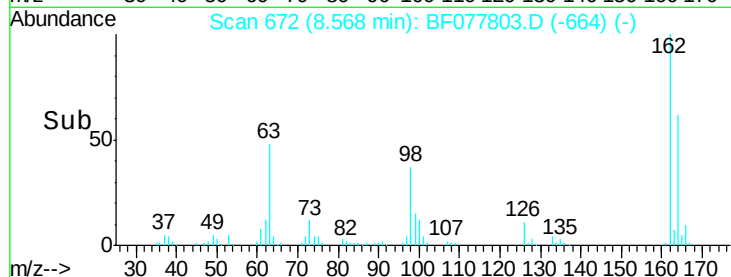
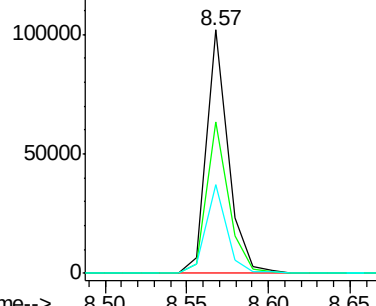
#29
 2,4-Dichlorophenol
 Concen: 40.94 ng
 RT: 8.57 min Scan# 672
 Delta R.T. -0.01 min
 Lab File: BF077803.D
 Acq: 18 Mar 2015 18:44

Instrument :
 BNA_F
 ClientSampleId :
 PB82152BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.3	42.8	82.8
98	36.6	14.5	54.5

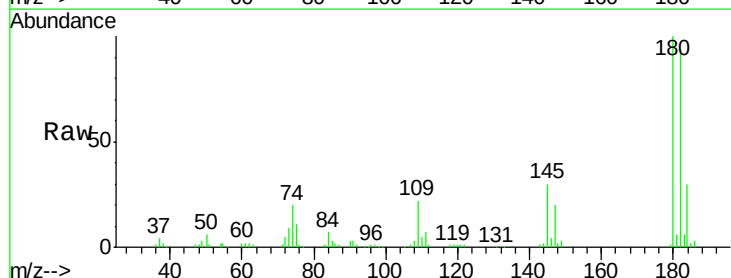


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): E

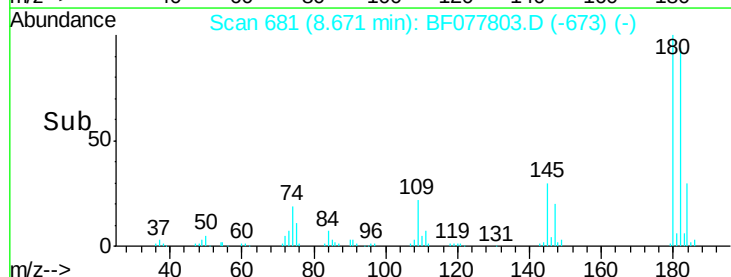
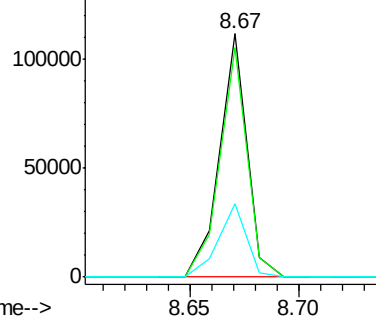


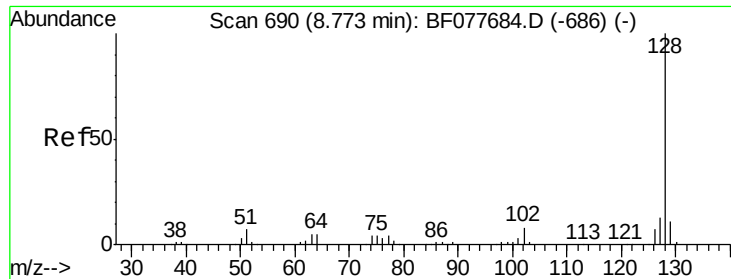
#30
 1,2,4-Trichlorobenzene
 Concen: 38.20 ng
 RT: 8.67 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BF077803.D
 Acq: 18 Mar 2015 18:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	77.6	116.4
145	30.0	23.4	35.2



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

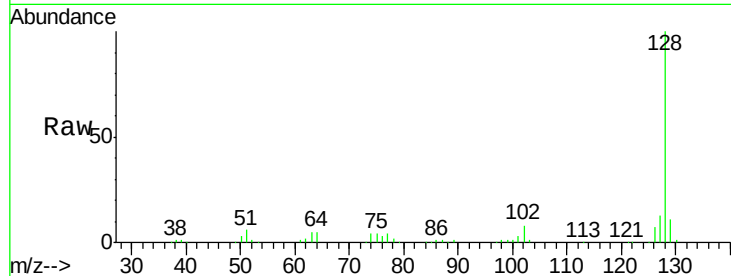




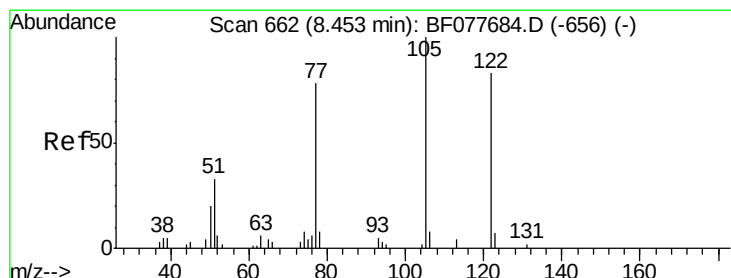
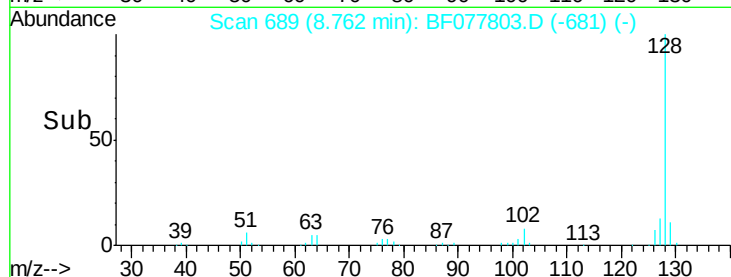
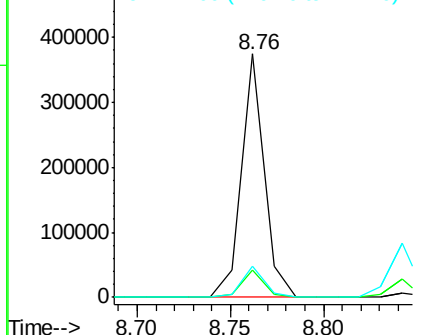
#31
Naphthalene
Concen: 38.16 ng
RT: 8.76 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF077803.D
Acq: 18 Mar 2015 18:44

Instrument :
BNA_F
ClientSampleId :
PB82152BS

Tgt Ion:128 Resp: 319977
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.0 10.4 15.6

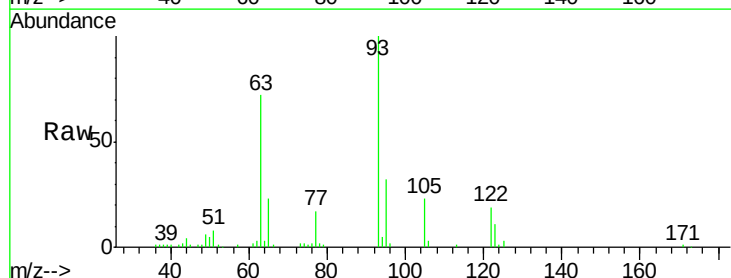


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

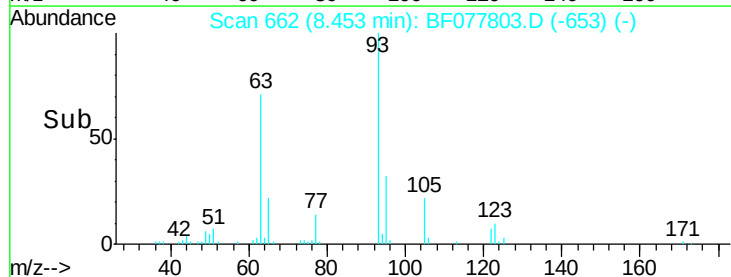
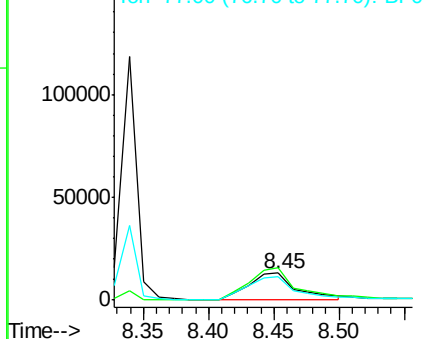


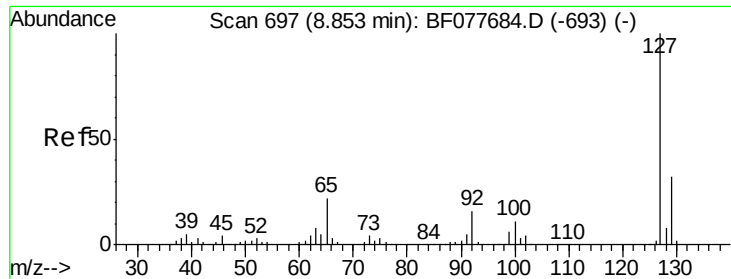
#32
Benzoic acid
Concen: 25.44 ng
RT: 8.45 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF077803.D
Acq: 18 Mar 2015 18:44

Tgt Ion:122 Resp: 31881
Ion Ratio Lower Upper
122 100
105 117.8 99.9 139.9
77 86.5 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

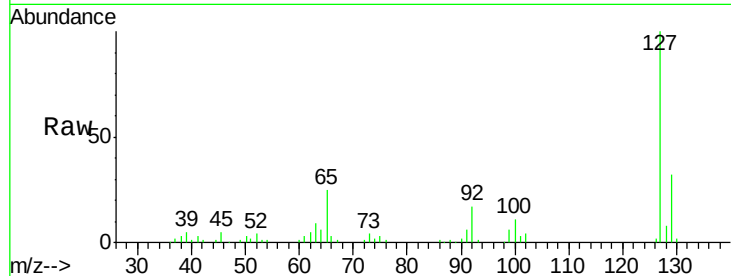




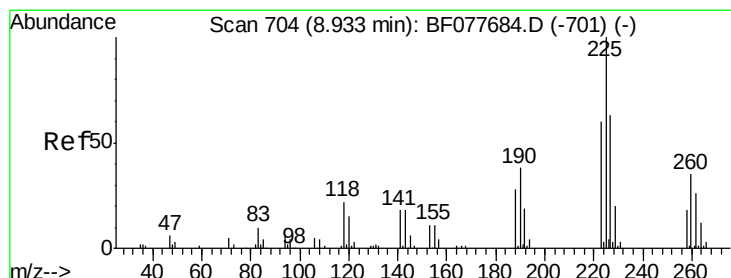
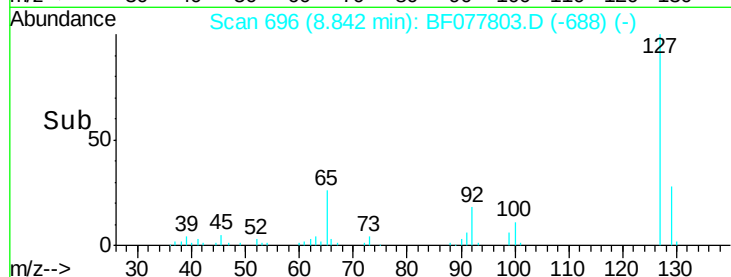
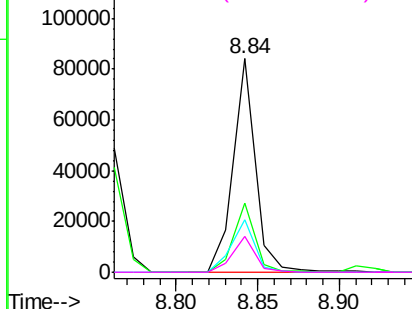
#33
4-Chloroaniline
Concen: 23.26 ng
RT: 8.84 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF077803.D
Acq: 18 Mar 2015 18:44

Instrument :
BNA_F
ClientSampleId :
PB82152BS

Tgt Ion:	127	Resp:	79162
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.3	37.9
65	24.7	17.6	26.4
92	16.9	13.1	19.7

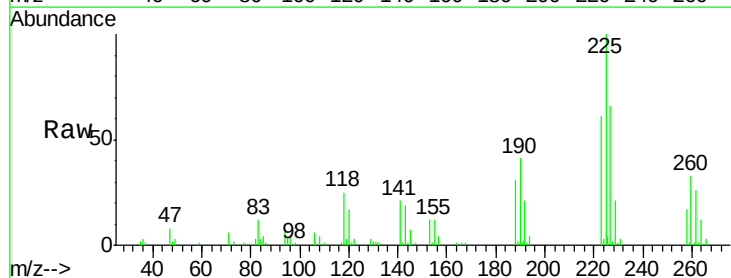


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

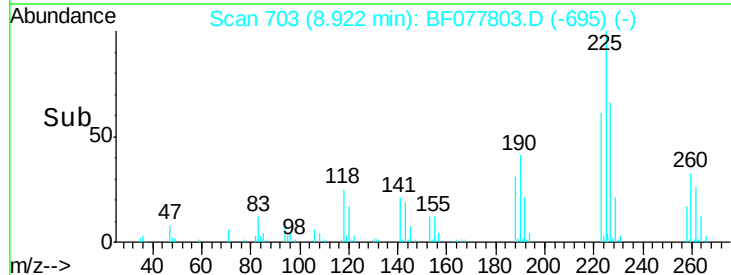
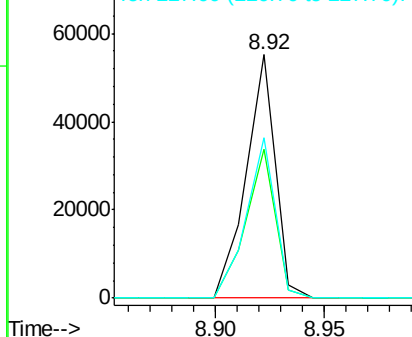


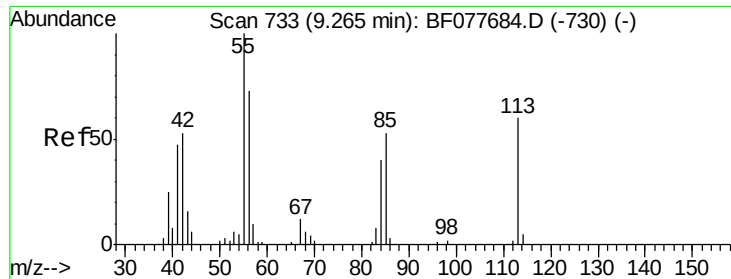
#34
Hexachlorobutadiene
Concen: 35.50 ng
RT: 8.92 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF077803.D
Acq: 18 Mar 2015 18:44

Tgt Ion:	225	Resp:	51355
Ion	Ratio	Lower	Upper
225	100		
223	61.2	47.9	71.9
227	65.8	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

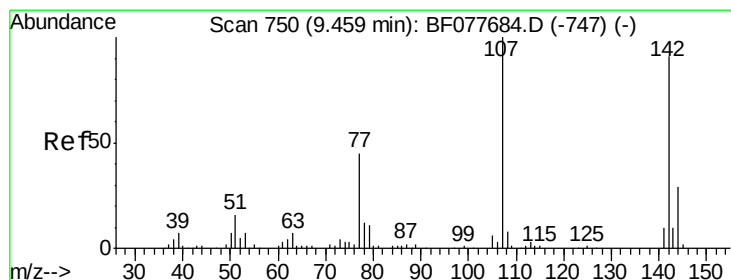
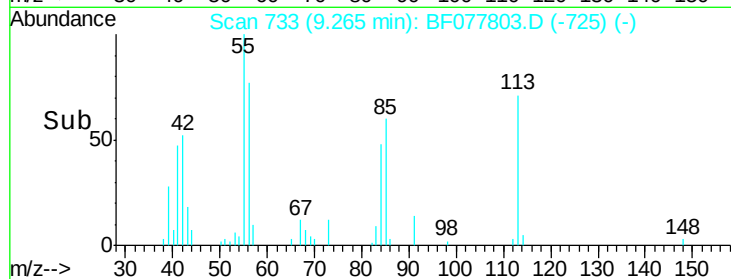
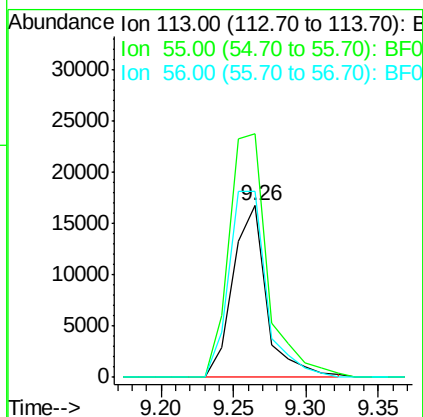
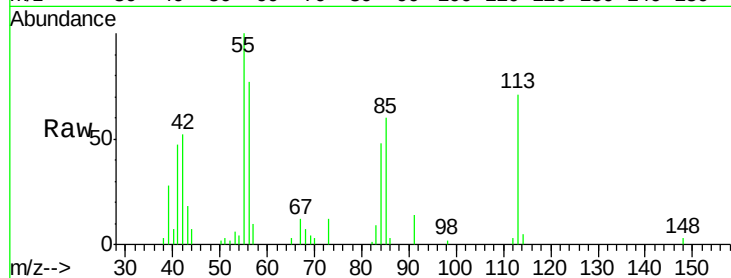




#35
 Caprolactam
 Concen: 40.71 ng
 RT: 9.26 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF077803.D
 Acq: 18 Mar 2015 18:44

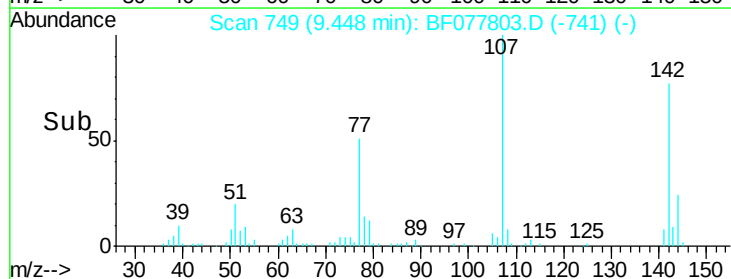
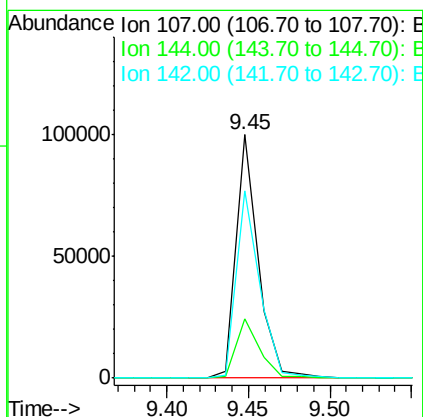
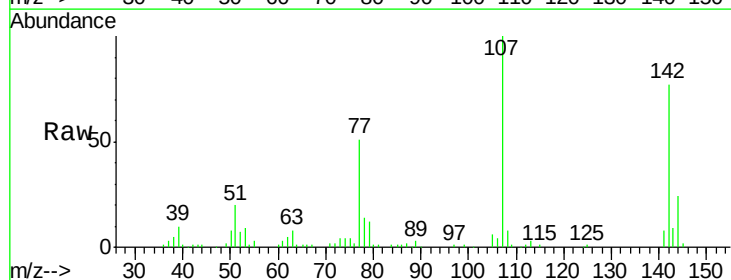
Instrument :
 BNA_F
 ClientSampleId :
 PB82152BS

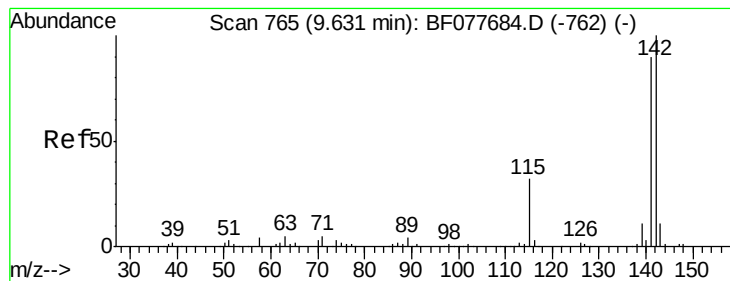
Tgt Ion:113 Resp: 27142
 Ion Ratio Lower Upper
 113 100
 55 141.7 145.9 185.9#
 56 108.5 101.0 141.0



#36
 4-Chloro-3-methylphenol
 Concen: 40.50 ng
 RT: 9.45 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BF077803.D
 Acq: 18 Mar 2015 18:44

Tgt Ion:107 Resp: 92946
 Ion Ratio Lower Upper
 107 100
 144 24.3 23.3 34.9
 142 77.0 72.6 109.0





#37

2-Methylnaphthalene

Concen: 39.20 ng

RT: 9.62 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF077803.D

Acq: 18 Mar 2015 18:44

Instrument :

BNA_F

ClientSampleId :

PB82152BS

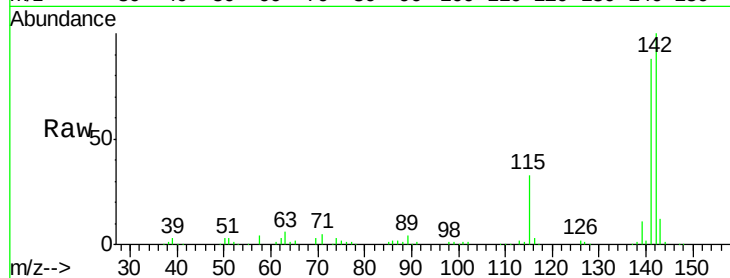
Tgt Ion:142 Resp: 220792

Ion Ratio Lower Upper

142 100

141 88.4 71.9 107.9

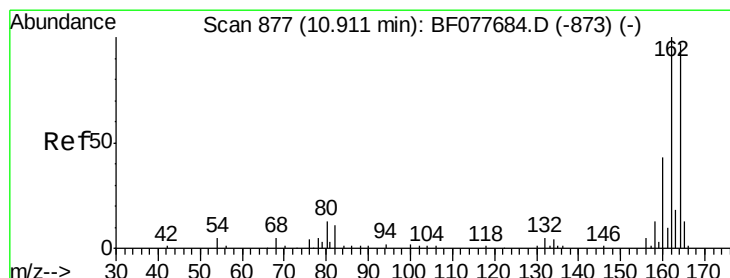
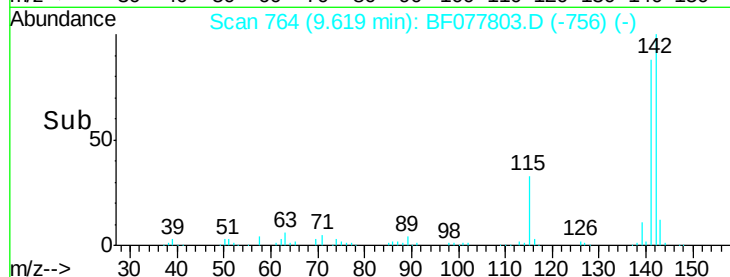
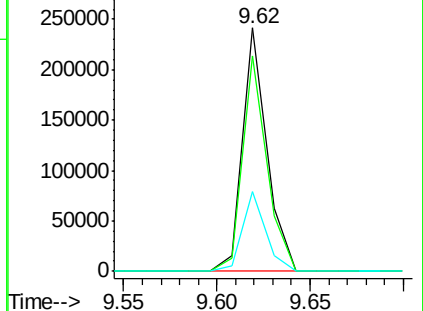
115 33.0 25.4 38.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.91 min Scan# 877

Delta R.T. 0.00 min

Lab File: BF077803.D

Acq: 18 Mar 2015 18:44

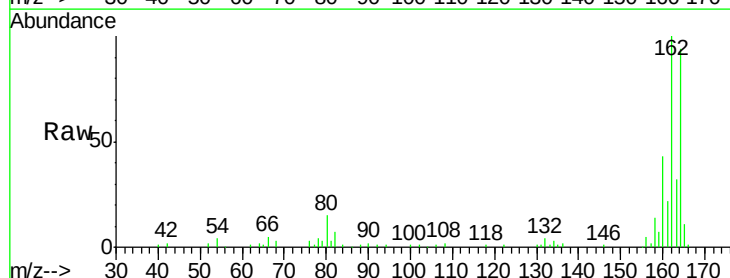
Tgt Ion:164 Resp: 82179

Ion Ratio Lower Upper

164 100

162 105.8 82.4 123.6

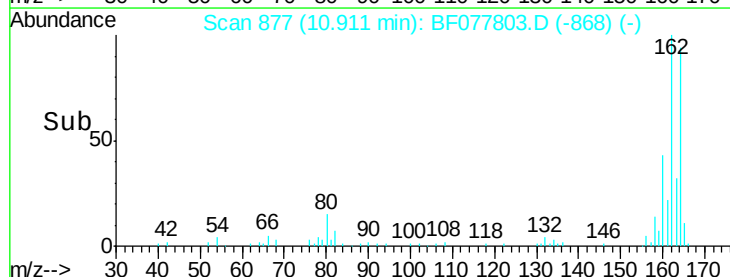
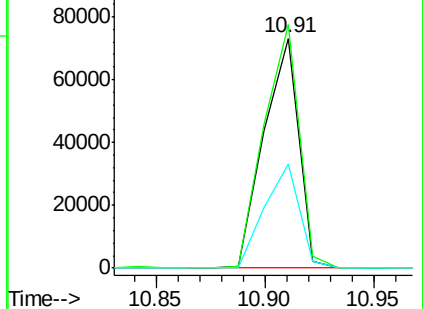
160 45.4 35.8 53.6

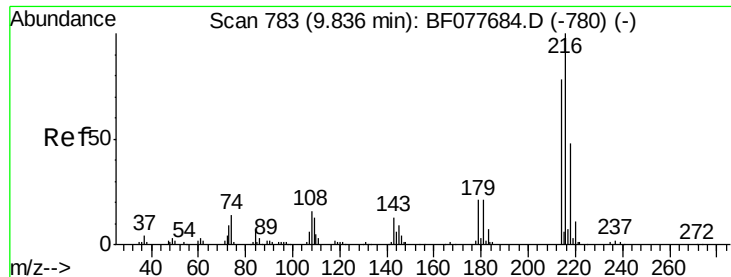


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

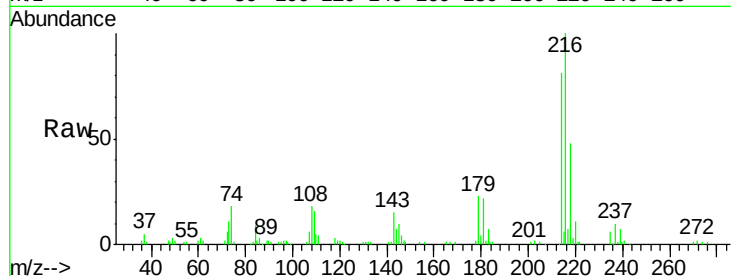




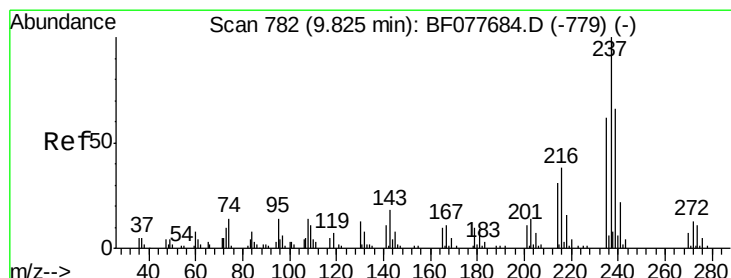
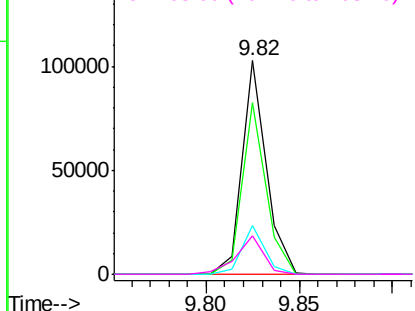
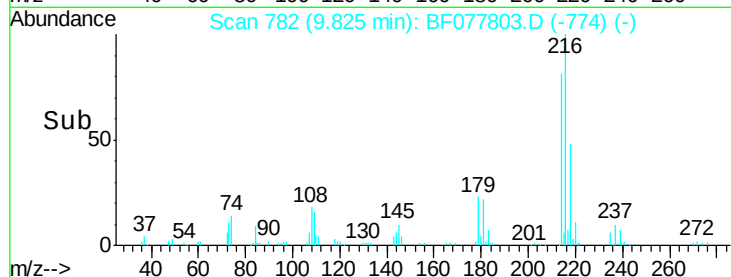
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.73 ng
 RT: 9.82 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF077803.D
 Acq: 18 Mar 2015 18:44

Instrument :
 BNA_F
 ClientSampleId :
 PB82152BS

Tgt Ion:	216	Resp:	92484
Ion	Ratio	Lower	Upper
216	100		
214	79.7	0.0	0.0#
179	22.1	0.0	0.0#
108	20.6	0.0	0.0#

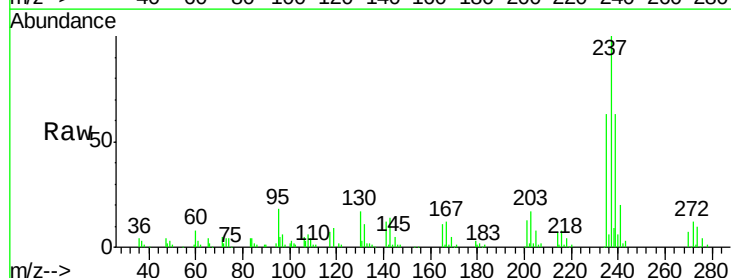


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

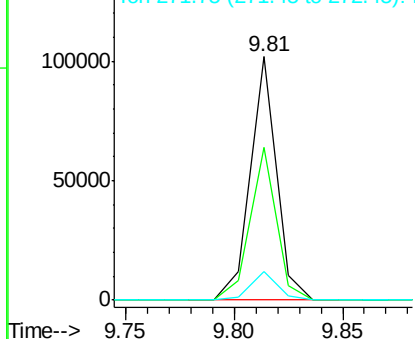
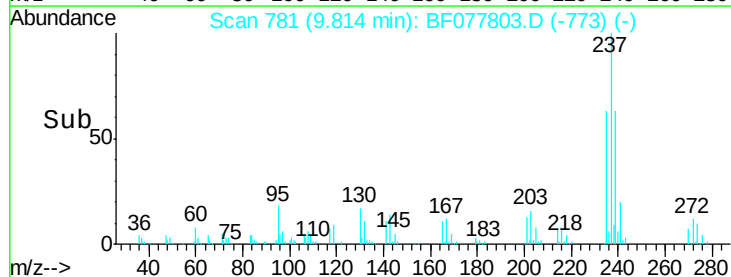


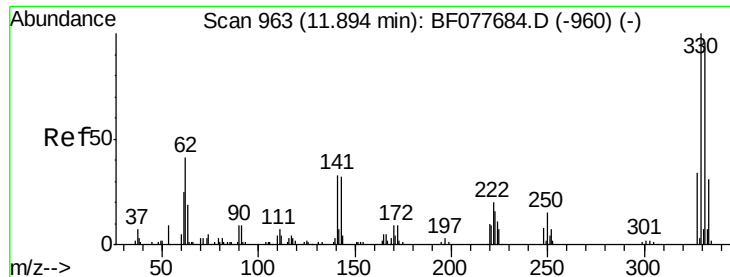
#40
 Hexachlorocyclopentadiene
 Concen: 69.82 ng
 RT: 9.81 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF077803.D
 Acq: 18 Mar 2015 18:44

Tgt Ion:	237	Resp:	85159
Ion	Ratio	Lower	Upper
237	100		
235	62.5	42.0	82.0
272	11.7	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

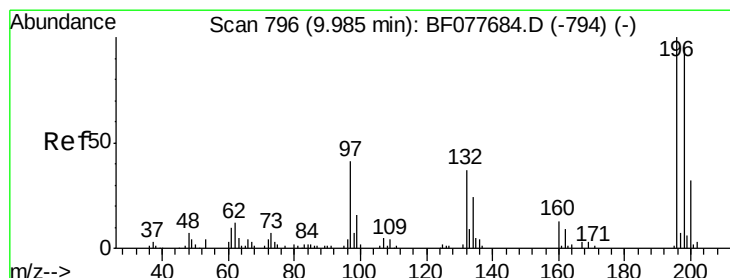
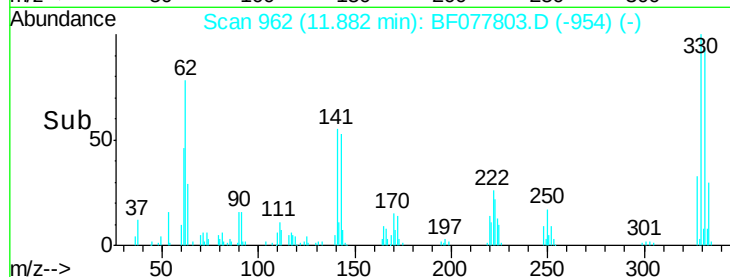
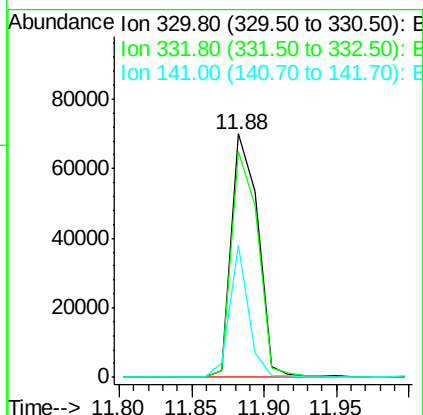
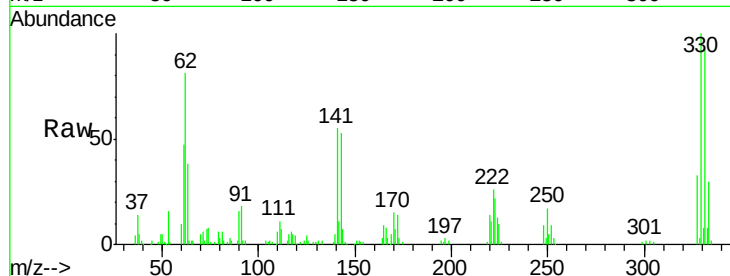




#41
 2,4,6-Tribromophenol
 Concen: 113.95 ng
 RT: 11.88 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF077803.D
 Acq: 18 Mar 2015 18:44

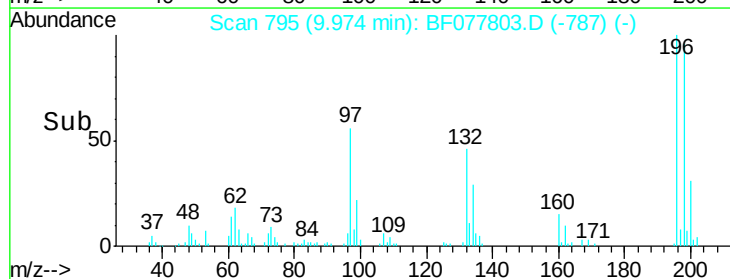
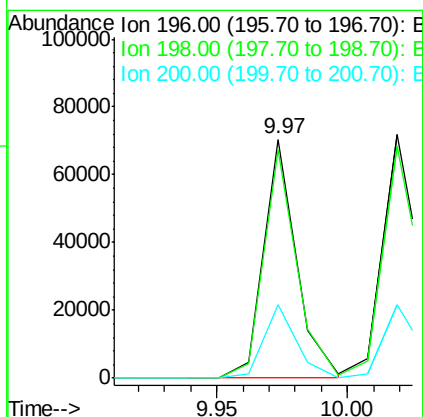
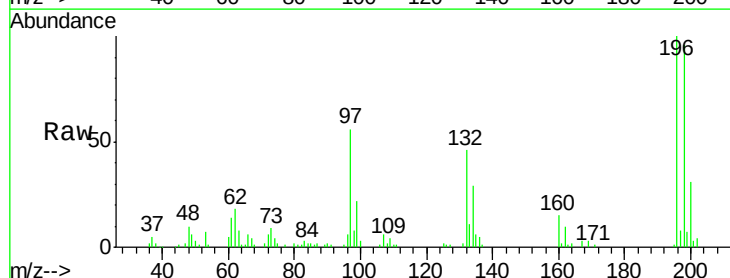
Instrument :
 BNA_F
 ClientSampleId :
 PB82152BS

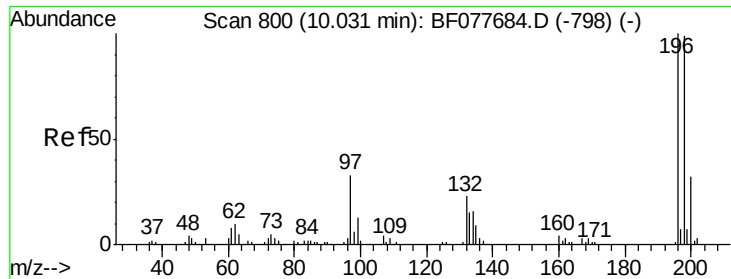
Tgt Ion:330 Resp: 89595
 Ion Ratio Lower Upper
 330 100
 332 92.9 0.0 0.0#
 141 38.7 0.0 0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 36.44 ng
 RT: 9.97 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF077803.D
 Acq: 18 Mar 2015 18:44

Tgt Ion:196 Resp: 61872
 Ion Ratio Lower Upper
 196 100
 198 95.5 76.3 114.5
 200 30.6 25.6 38.4

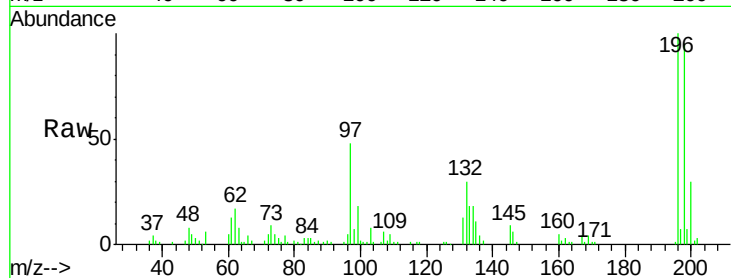




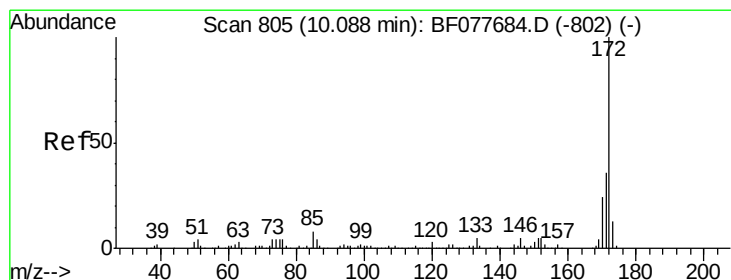
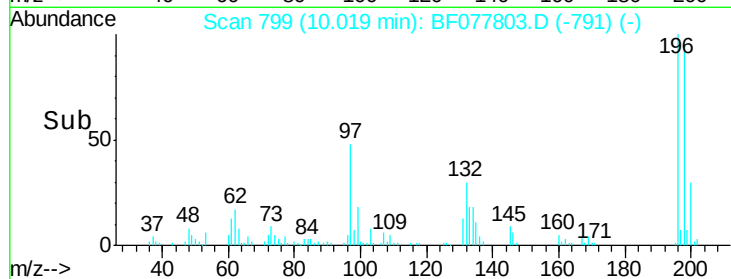
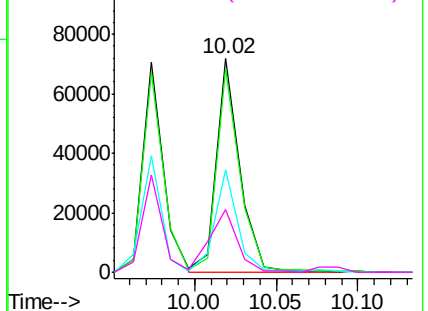
#43
 2,4,5-Trichlorophenol
 Concen: 38.96 ng
 RT: 10.02 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF077803.D
 Acq: 18 Mar 2015 18:44

Instrument :
 BNA_F
 ClientSampleId :
 PB82152BS

Tgt Ion:196 Resp: 71469
 Ion Ratio Lower Upper
 196 100
 198 95.3 79.4 119.0
 97 48.3 26.8 40.2#
 132 29.7 18.6 28.0#

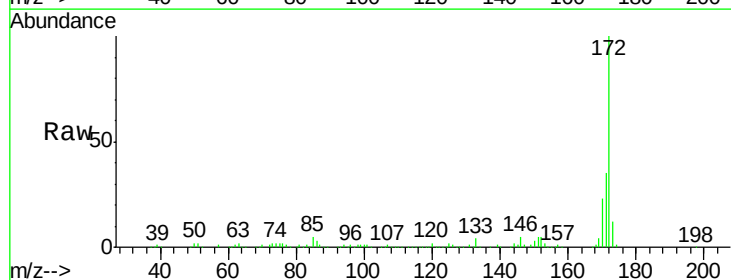


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

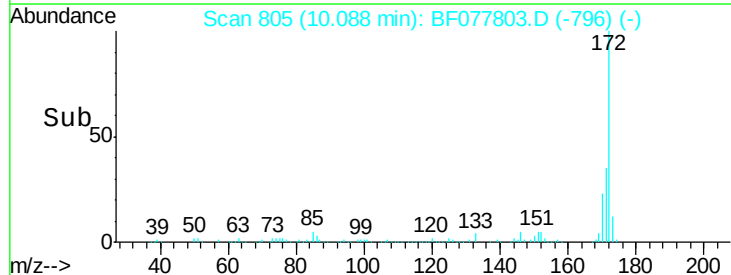
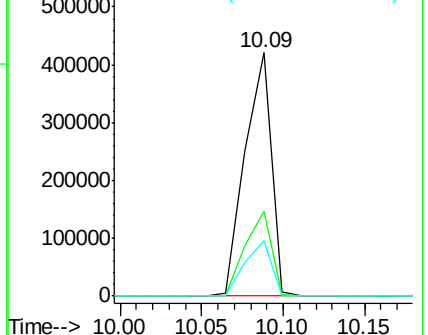


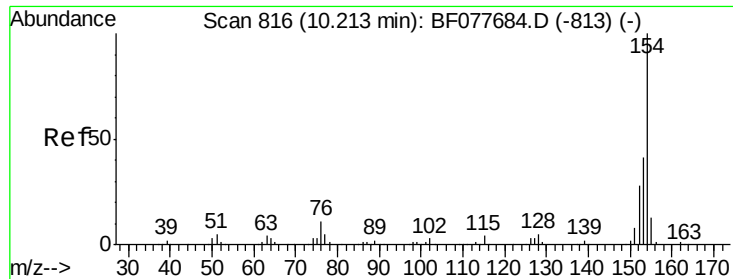
#44
 2-Fluorobiphenyl
 Concen: 83.90 ng
 RT: 10.09 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF077803.D
 Acq: 18 Mar 2015 18:44

Tgt Ion:172 Resp: 469157
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.5 42.7
 170 22.9 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

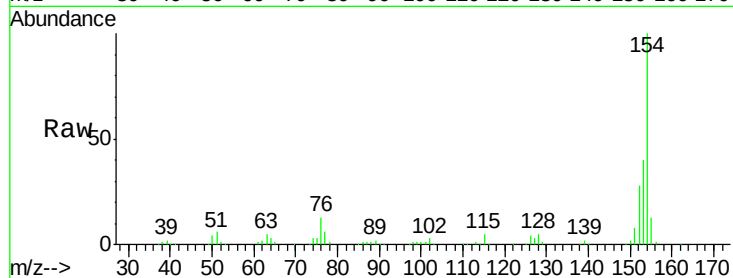




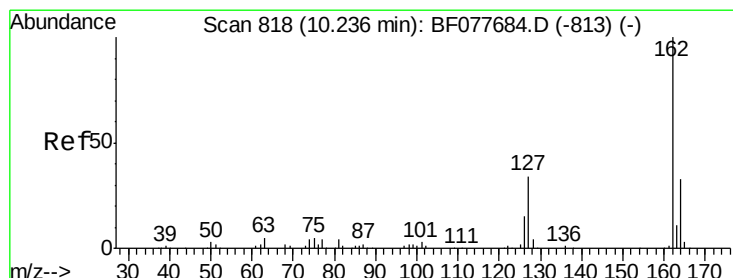
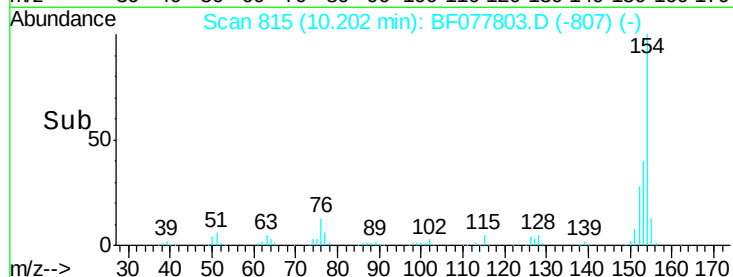
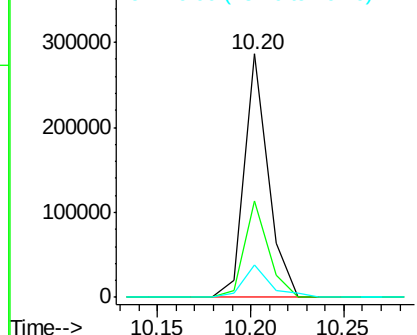
#45
1,1'-Biphenyl
Concen: 38.78 ng
RT: 10.20 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF077803.D
Acq: 18 Mar 2015 18:44

Instrument :
BNA_F
ClientSampleId :
PB82152BS

Tgt Ion:154 Resp: 254786
Ion Ratio Lower Upper
154 100
153 39.9 20.7 60.7
76 13.3 0.0 30.9

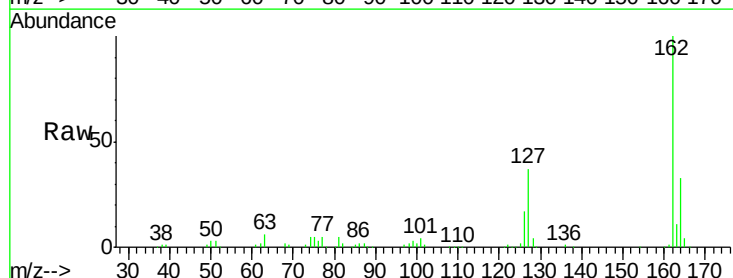


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

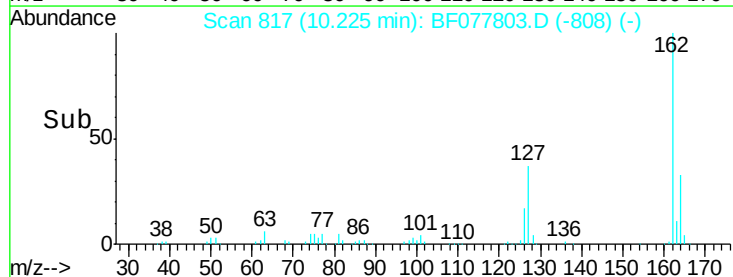
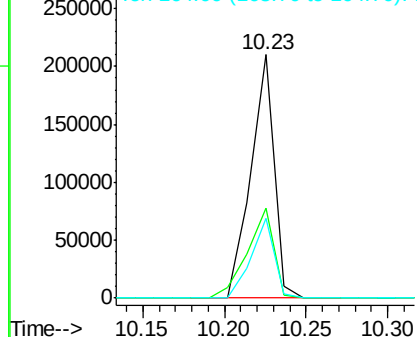


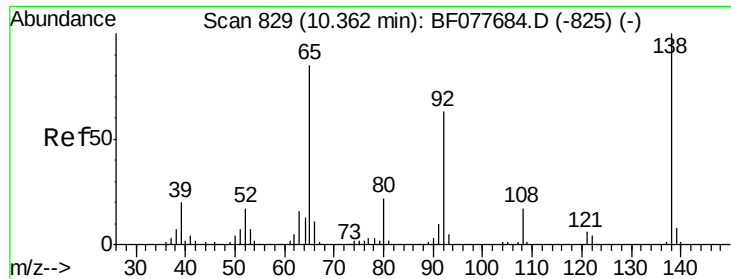
#46
2-Chloronaphthalene
Concen: 39.09 ng
RT: 10.23 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF077803.D
Acq: 18 Mar 2015 18:44

Tgt Ion:162 Resp: 208708
Ion Ratio Lower Upper
162 100
127 36.8 26.9 40.3
164 32.9 26.8 40.2



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

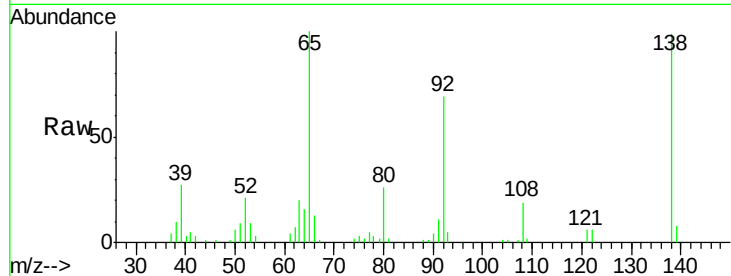




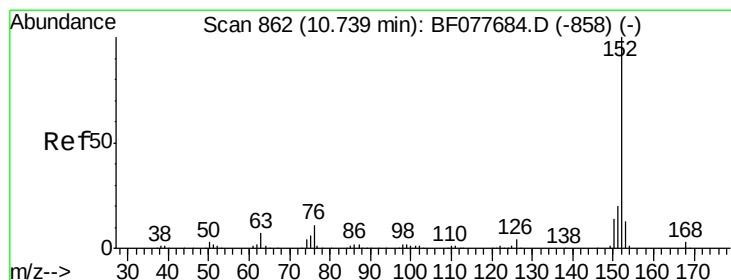
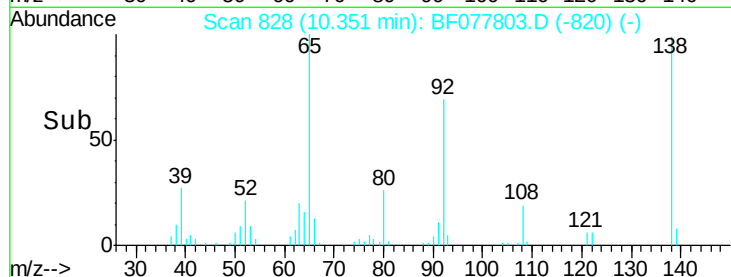
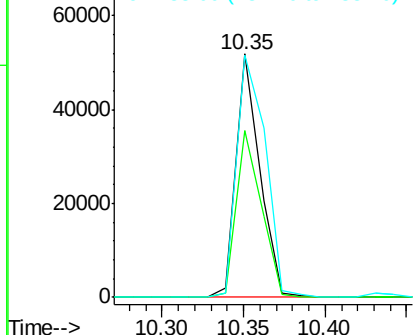
#47
2-Nitroaniline
Concen: 39.22 ng
RT: 10.35 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF077803.D
Acq: 18 Mar 2015 18:44

Instrument :
BNA_F
ClientSampleId :
PB82152BS

Tgt Ion: 65 Resp: 52006
Ion Ratio Lower Upper
65 100
92 68.8 59.1 88.7
138 99.4 93.9 140.9

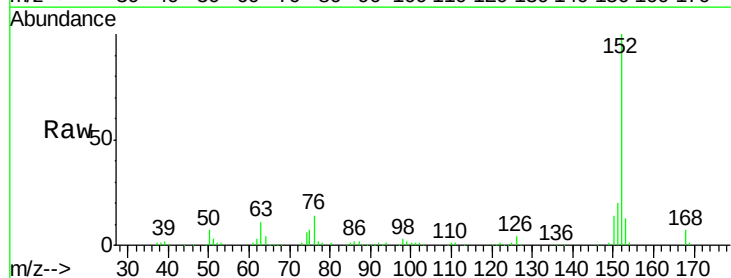


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

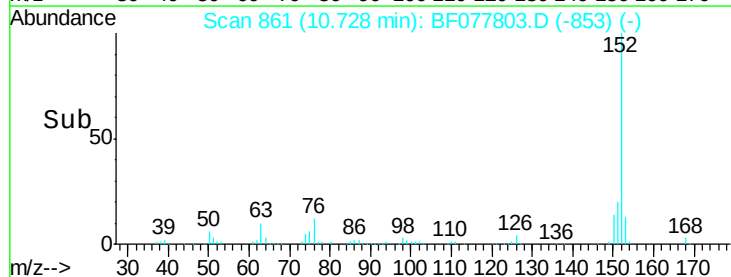
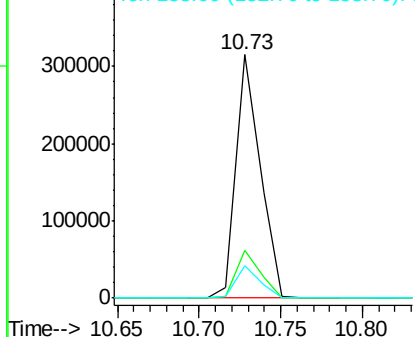


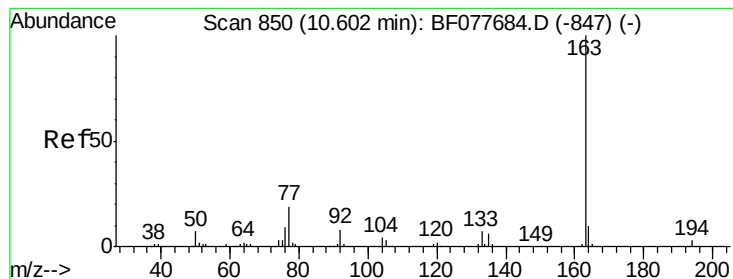
#48
Acenaphthylene
Concen: 36.27 ng
RT: 10.73 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF077803.D
Acq: 18 Mar 2015 18:44

Tgt Ion: 152 Resp: 321977
Ion Ratio Lower Upper
152 100
151 19.6 15.9 23.9
153 13.4 10.6 16.0



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





#49

Dimethylphthalate

Concen: 36.78 ng

RT: 10.59 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF077803.D

Acq: 18 Mar 2015 18:44

Instrument :

BNA_F

ClientSampleId :

PB82152BS

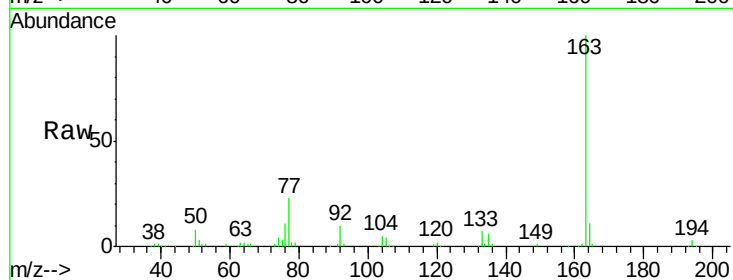
Tgt Ion:163 Resp: 224206

Ion Ratio Lower Upper

163 100

194 3.1 2.7 4.1

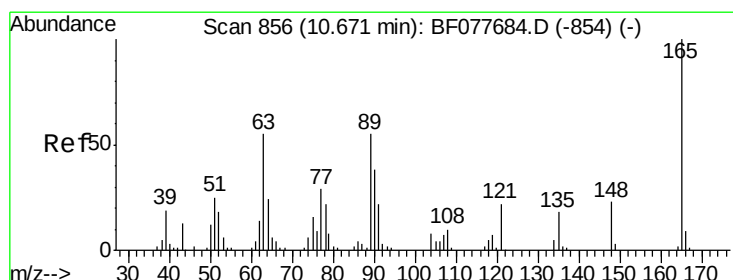
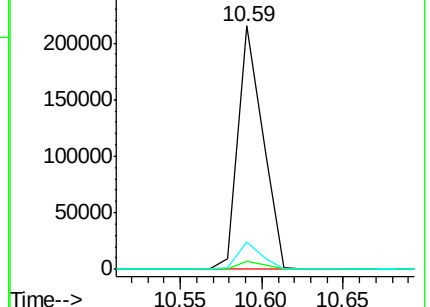
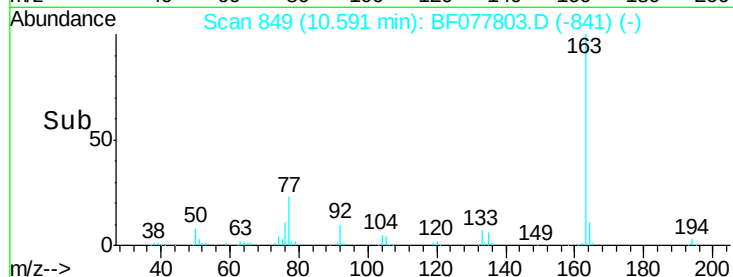
164 11.0 8.2 12.2



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: 40.29 ng

RT: 10.67 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF077803.D

Acq: 18 Mar 2015 18:44

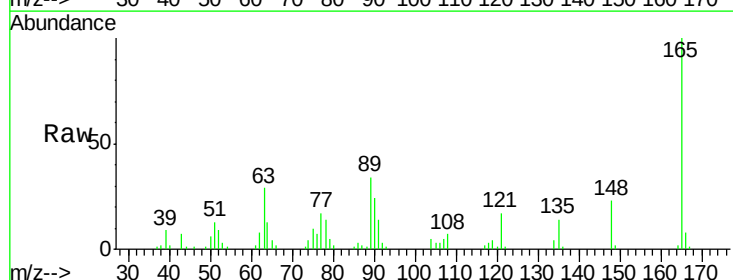
Tgt Ion:165 Resp: 50908

Ion Ratio Lower Upper

165 100

63 29.2 44.1 66.1#

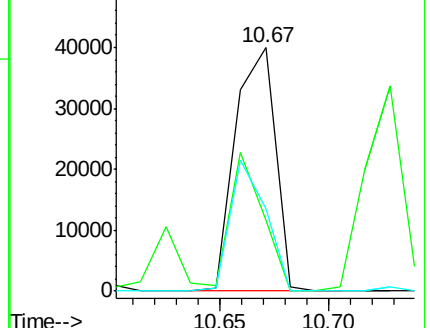
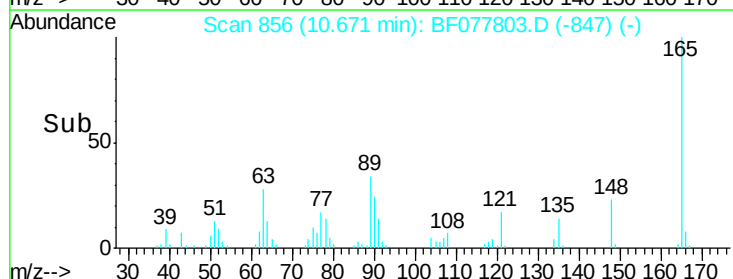
89 33.7 44.3 66.5#

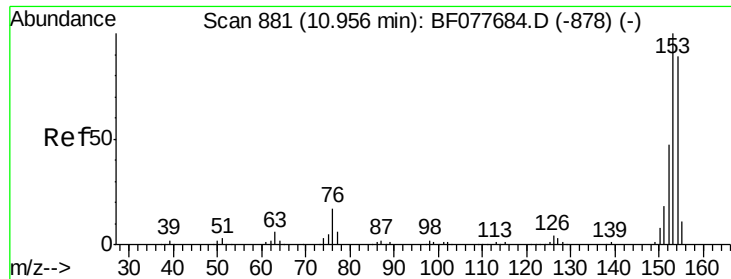


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.46 ng

RT: 10.95 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF077803.D

Acq: 18 Mar 2015 18:44

Instrument :

BNA_F

ClientSampleId :

PB82152BS

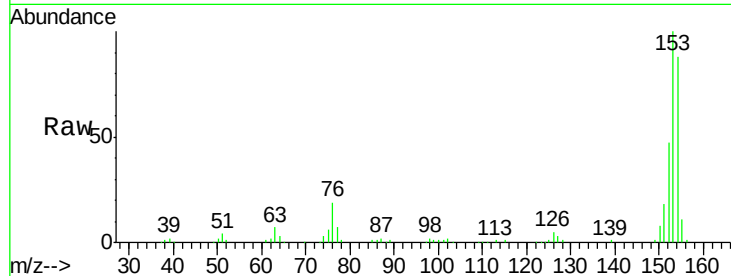
Tgt Ion:154 Resp: 185572

Ion Ratio Lower Upper

154 100

153 113.6 90.0 135.0

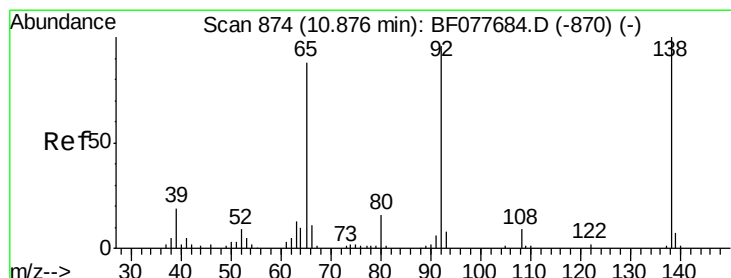
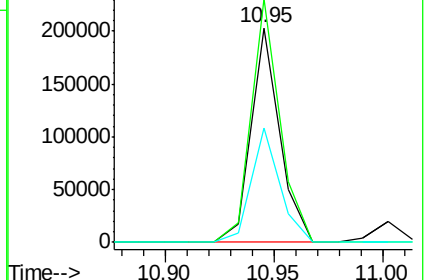
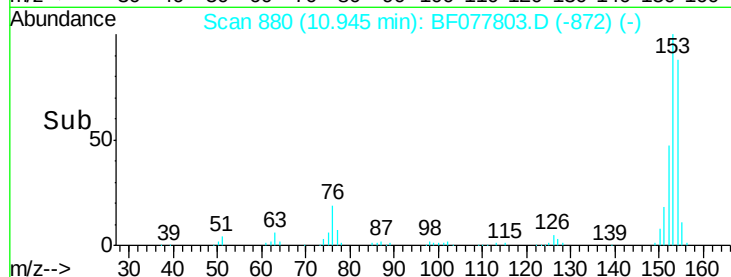
152 53.5 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 30.63 ng

RT: 10.87 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF077803.D

Acq: 18 Mar 2015 18:44

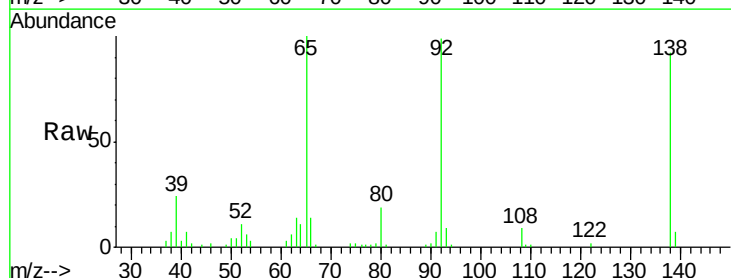
Tgt Ion:138 Resp: 44947

Ion Ratio Lower Upper

138 100

108 10.1 7.3 10.9

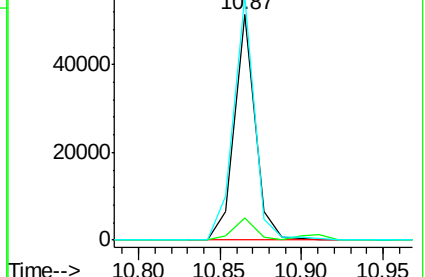
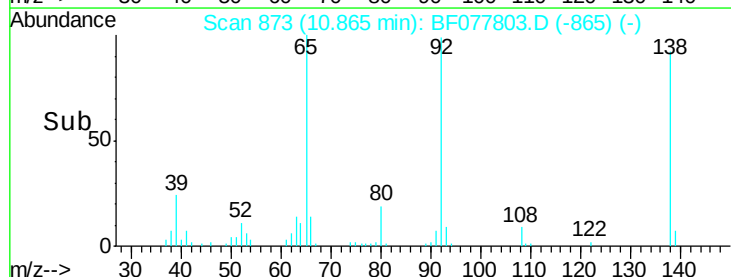
92 107.9 76.6 114.8

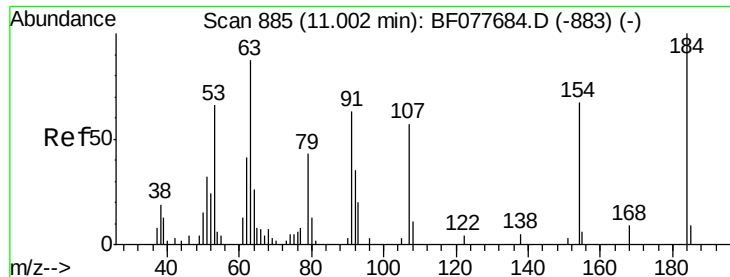


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

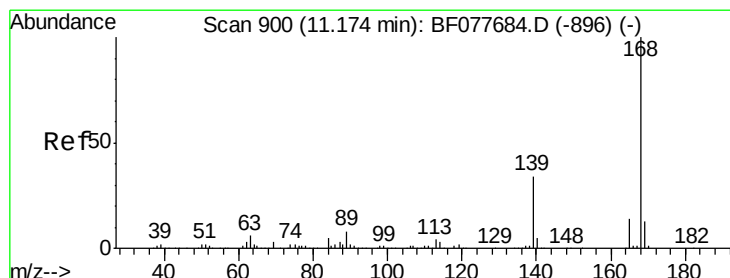
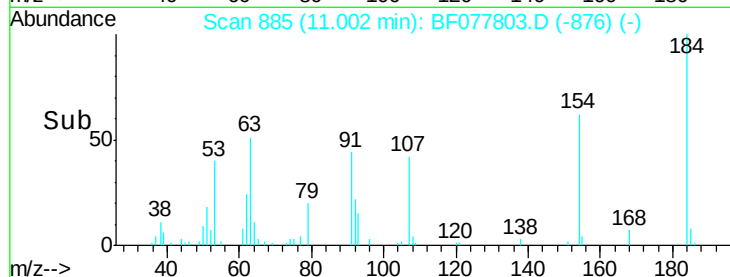
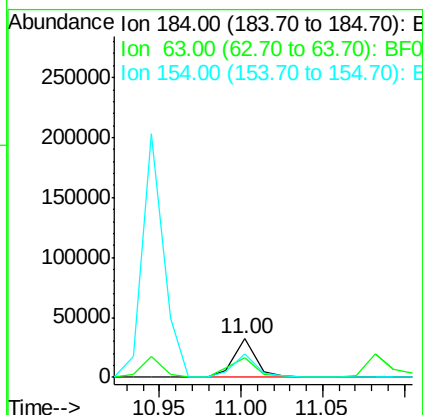
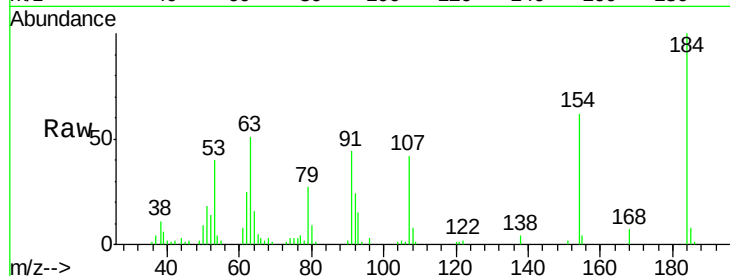




#53
 2,4-Dinitrophenol
 Concen: 68.30 ng
 RT: 11.00 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BF077803.D
 Acq: 18 Mar 2015 18:44

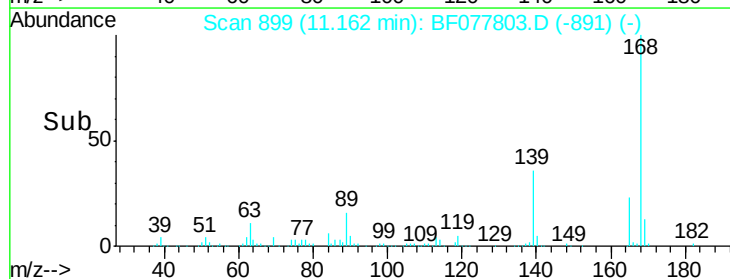
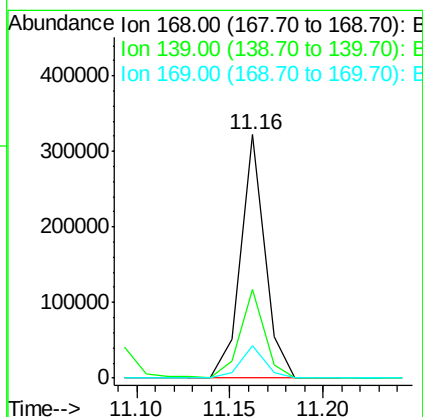
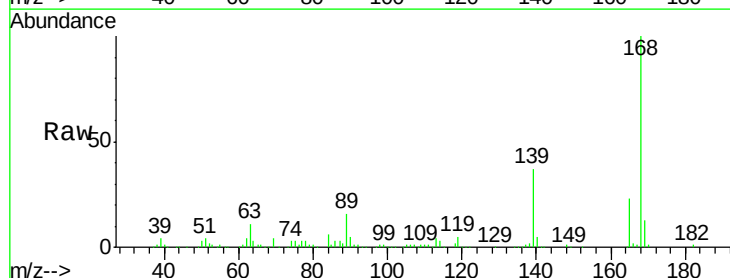
Instrument :
 BNA_F
 ClientSampleId :
 PB82152BS

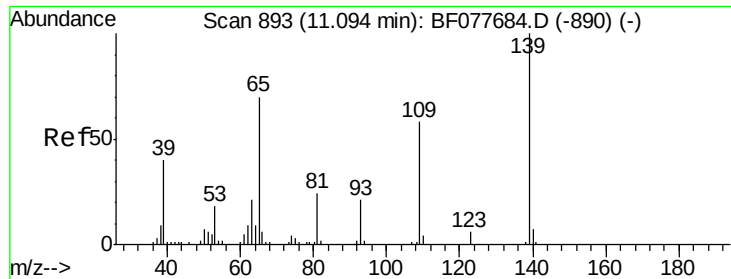
Tgt Ion:184 Resp: 31094
 Ion Ratio Lower Upper
 184 100
 63 51.0 69.2 103.8#
 154 62.1 53.3 79.9



#54
 Dibenzofuran
 Concen: 38.91 ng
 RT: 11.16 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF077803.D
 Acq: 18 Mar 2015 18:44

Tgt Ion:168 Resp: 293735
 Ion Ratio Lower Upper
 168 100
 139 36.6 27.3 40.9
 169 13.1 10.6 16.0





#55

4-Nitrophenol

Concen: 73.48 ng

RT: 11.08 min Scan# 892

Delta R.T. -0.01 min

Lab File: BF077803.D

Acq: 18 Mar 2015 18:44

Instrument :

BNA_F

ClientSampleId :

PB82152BS

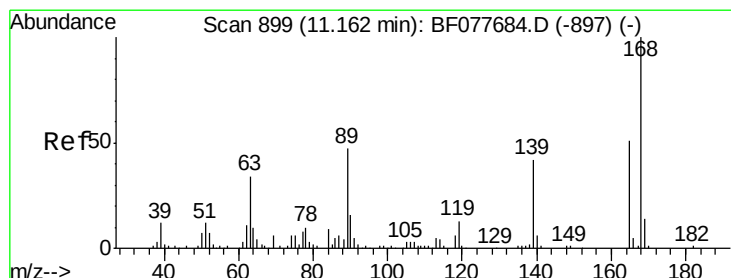
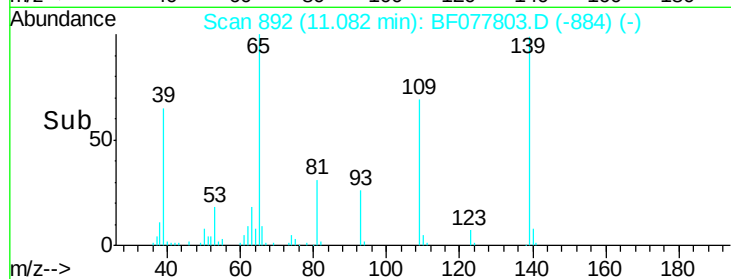
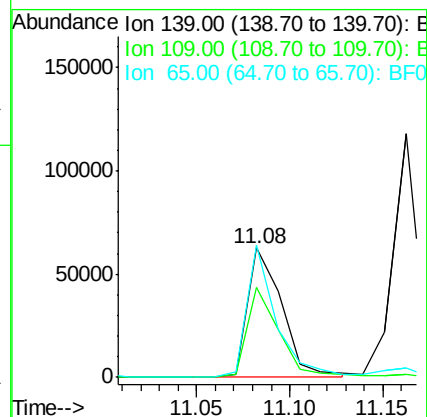
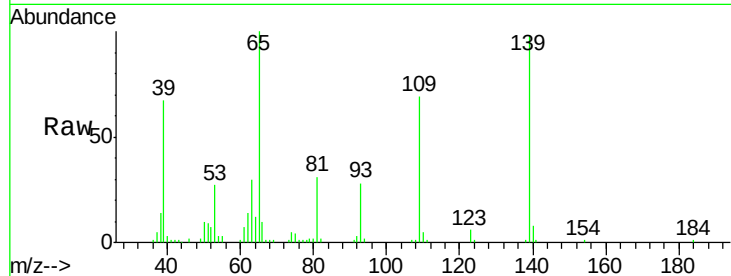
Tgt Ion:139 Resp: 79868

Ion Ratio Lower Upper

139 100

109 70.2 37.7 77.7

65 102.3 49.9 89.9#



#56

2,4-Dinitrotoluene

Concen: 41.48 ng

RT: 11.16 min Scan# 899

Delta R.T. 0.00 min

Lab File: BF077803.D

Acq: 18 Mar 2015 18:44

Tgt Ion:165 Resp: 68331

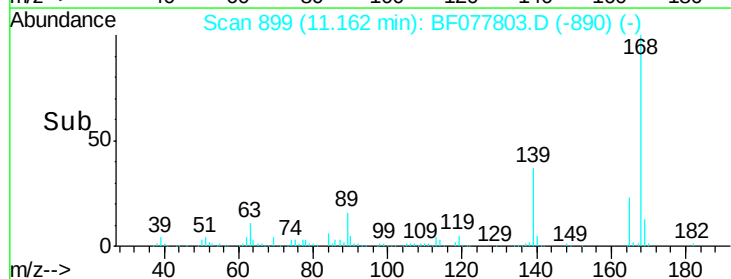
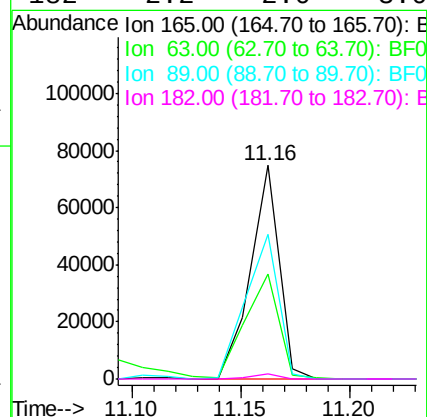
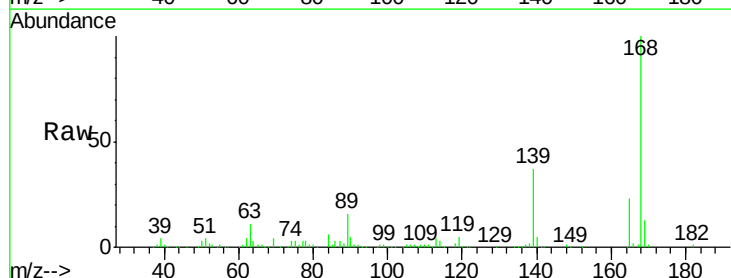
Ion Ratio Lower Upper

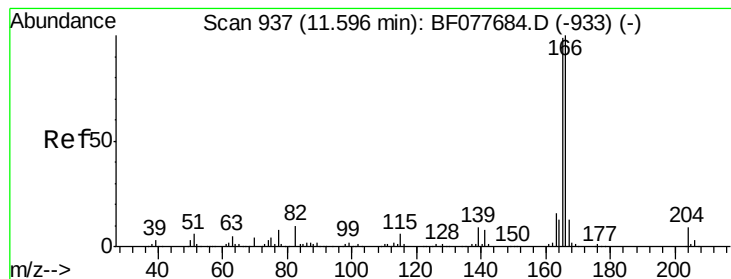
165 100

63 49.1 52.4 78.6#

89 68.0 72.4 108.6#

182 2.2 2.0 3.0





#57

Fluorene

Concen: 38.01 ng

RT: 11.59 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF077803.D

Acq: 18 Mar 2015 18:44

Instrument :

BNA_F

ClientSampleId :

PB82152BS

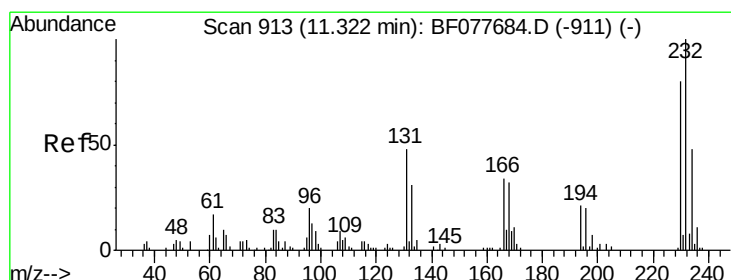
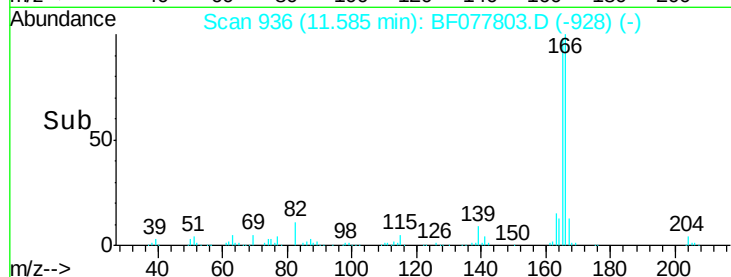
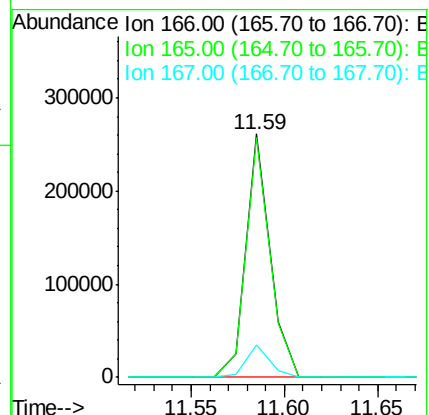
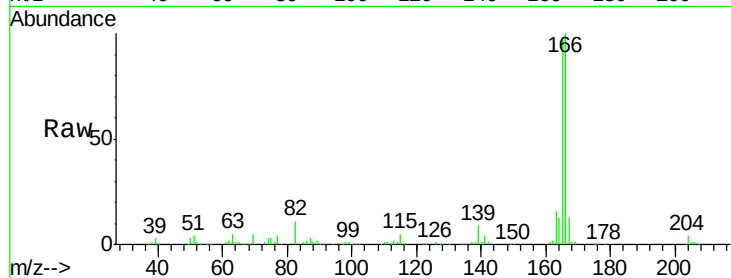
Tgt Ion:166 Resp: 238235

Ion Ratio Lower Upper

166 100

165 98.4 79.0 118.4

167 13.3 10.3 15.5



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.61 ng

RT: 11.32 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF077803.D

Acq: 18 Mar 2015 18:44

Tgt Ion:232 Resp: 51709

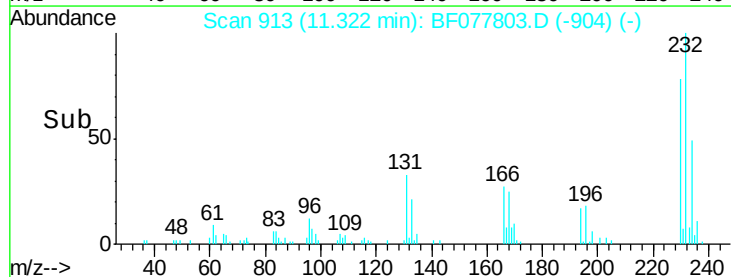
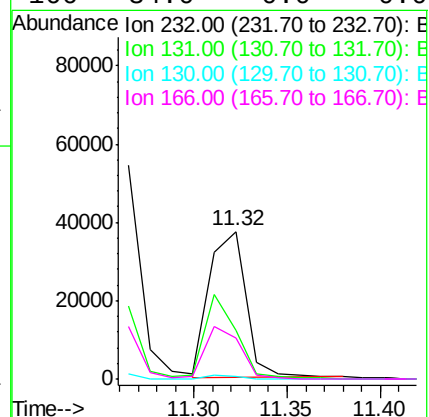
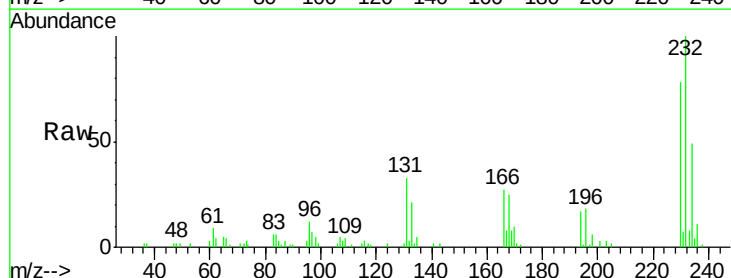
Ion Ratio Lower Upper

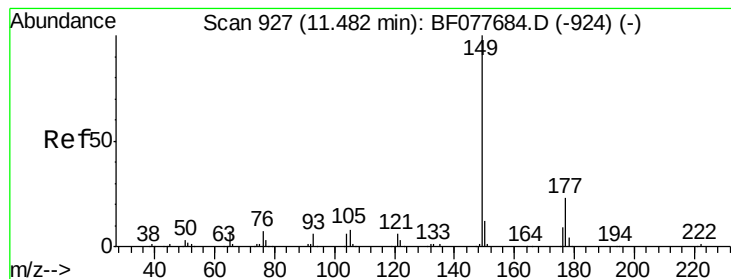
232 100

131 49.8 0.0 0.0#

130 2.4 0.0 0.0#

166 34.0 0.0 0.0#





#59

Diethylphthalate

Concen: 38.78 ng

RT: 11.47 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF077803.D

Acq: 18 Mar 2015 18:44

Instrument :

BNA_F

ClientSampleId :

PB82152BS

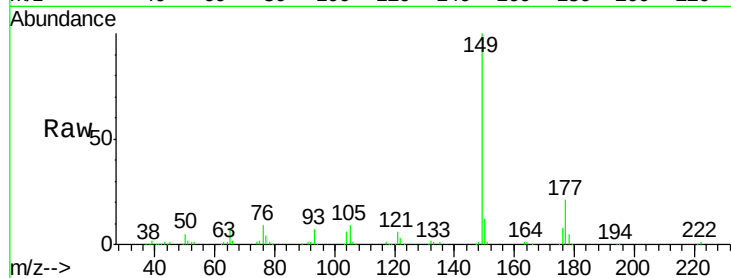
Tgt Ion:149 Resp: 230278

Ion Ratio Lower Upper

149 100

177 21.1 18.3 27.5

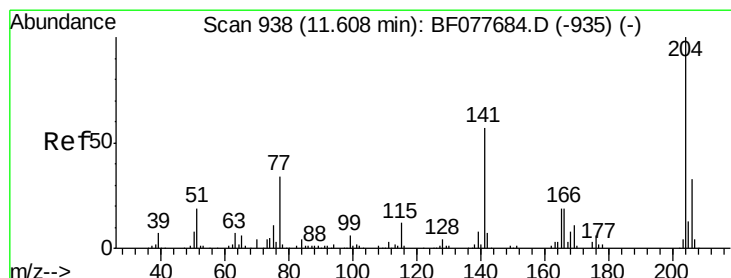
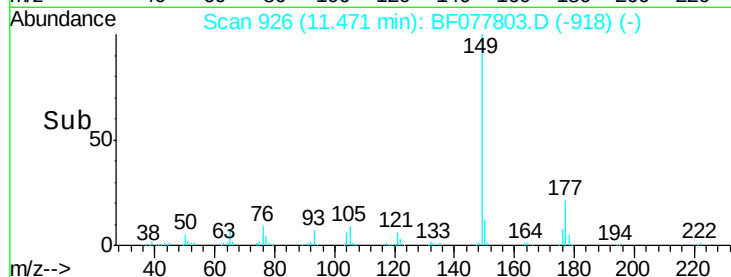
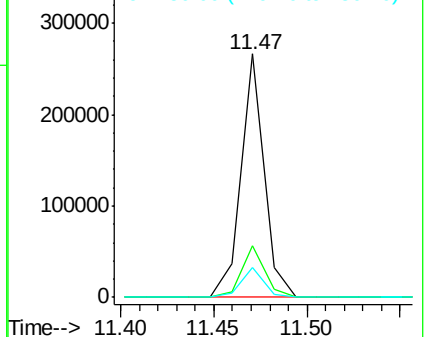
150 12.4 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 37.20 ng

RT: 11.60 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF077803.D

Acq: 18 Mar 2015 18:44

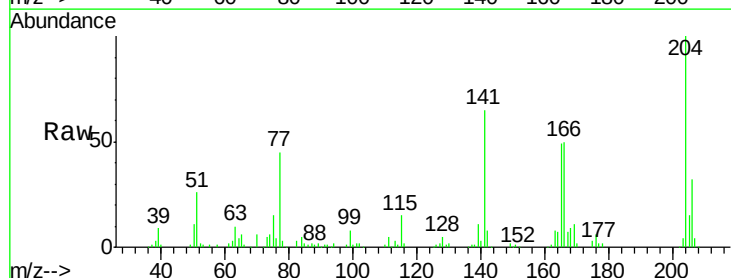
Tgt Ion:204 Resp: 106430

Ion Ratio Lower Upper

204 100

206 31.8 26.6 39.8

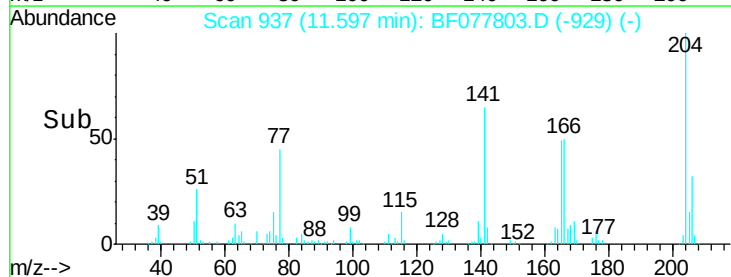
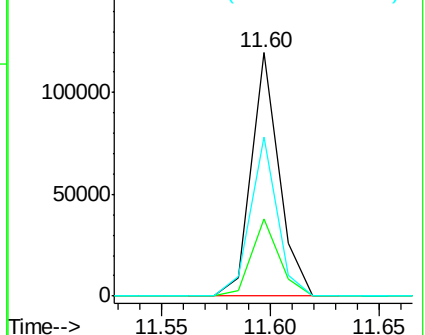
141 65.4 45.2 67.8

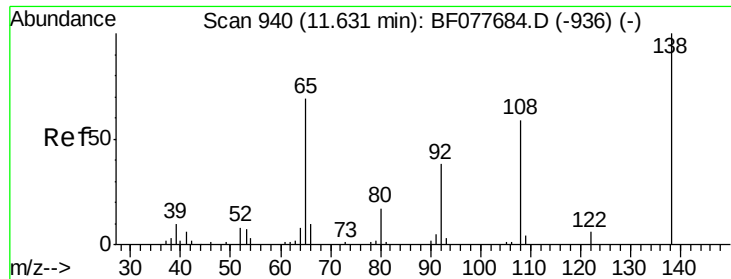


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

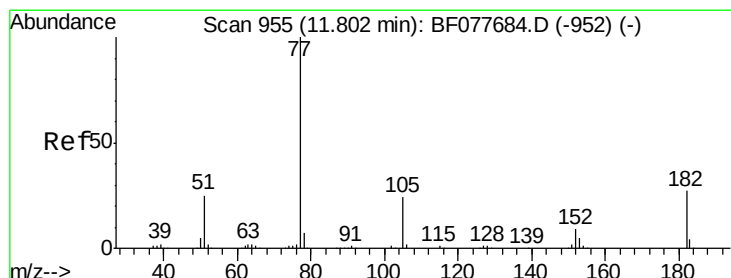
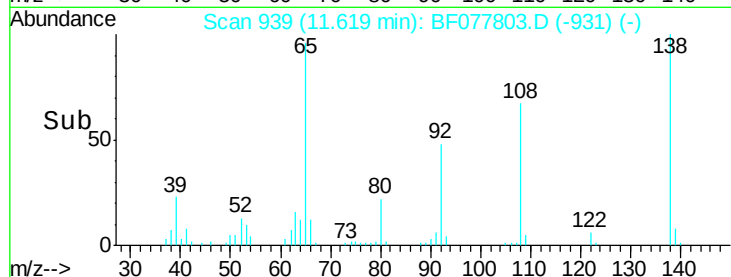
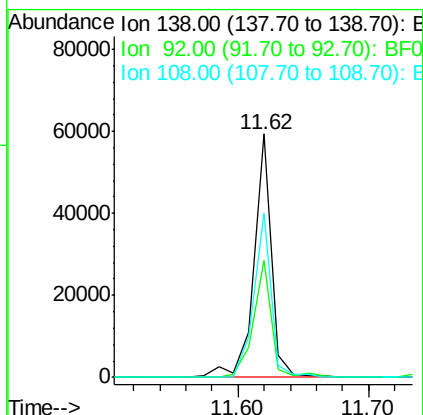
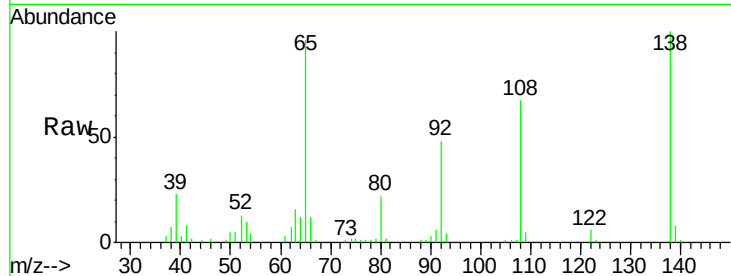




#61
 4-Nitroaniline
 Concen: 38.29 ng
 RT: 11.62 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: BF077803.D
 Acq: 18 Mar 2015 18:44

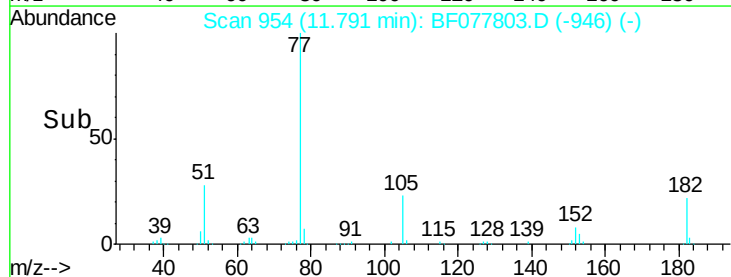
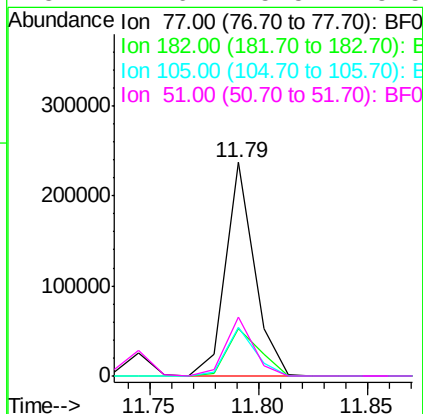
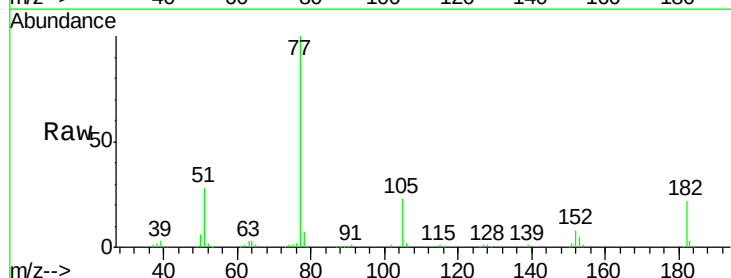
Instrument :
 BNA_F
 ClientSampleId :
 PB82152BS

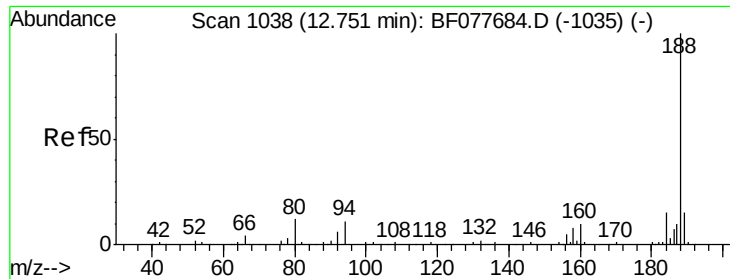
Tgt Ion: 138 Resp: 55993
 Ion Ratio Lower Upper
 138 100
 92 48.2 16.7 56.7
 108 67.4 37.6 77.6



#62
 Azobenzene
 Concen: 38.01 ng
 RT: 11.79 min Scan# 954
 Delta R.T. -0.01 min
 Lab File: BF077803.D
 Acq: 18 Mar 2015 18:44

Tgt Ion: 77 Resp: 215727
 Ion Ratio Lower Upper
 77 100
 182 22.5 6.5 46.5
 105 22.8 3.8 43.8
 51 27.6 5.5 45.5

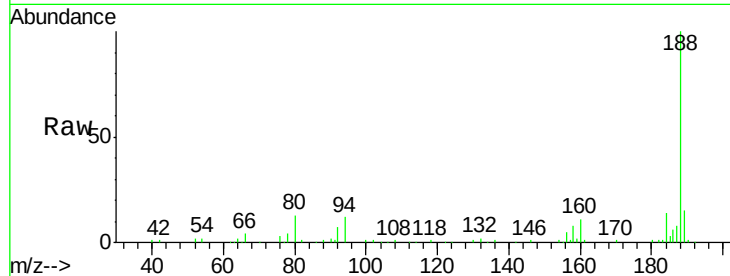




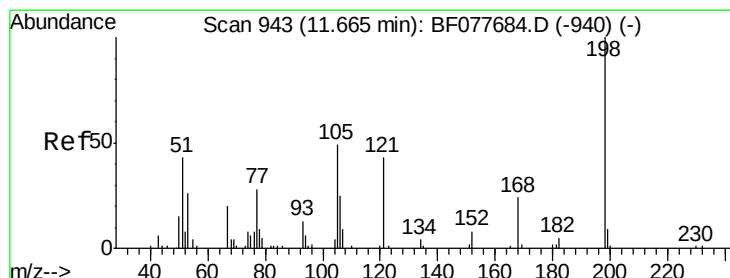
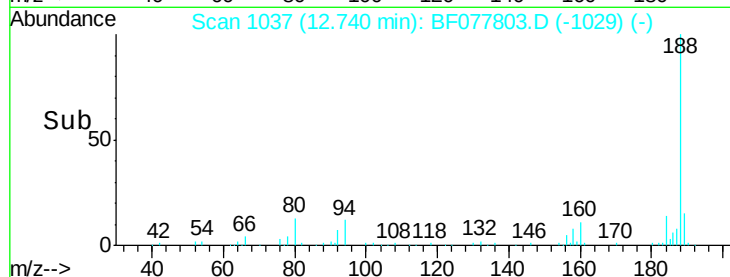
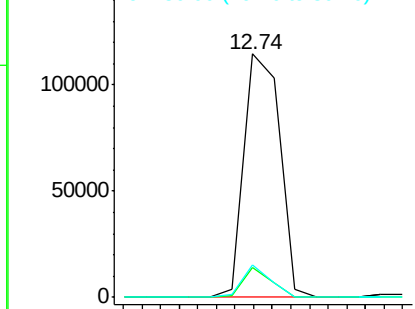
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.74 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF077803.D
Acq: 18 Mar 2015 18:44

Instrument :
BNA_F
ClientSampleId :
PB82152BS

Tgt Ion:188 Resp: 155008
Ion Ratio Lower Upper
188 100
94 12.2 8.7 13.1
80 13.3 9.3 13.9

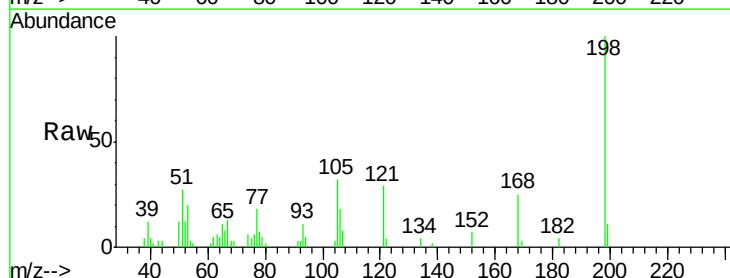


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

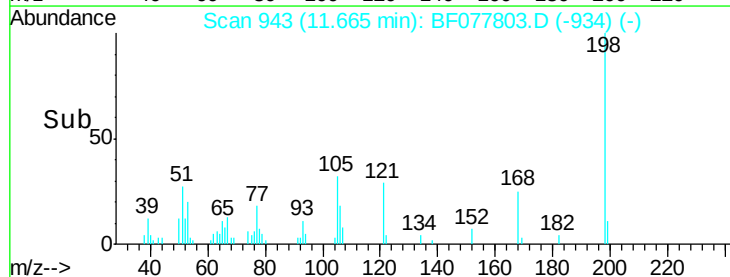
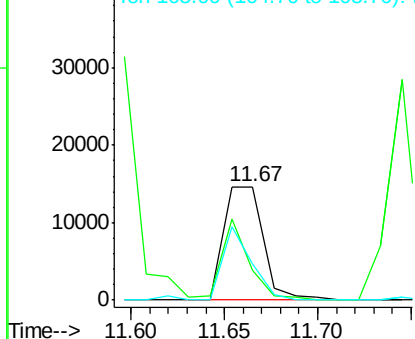


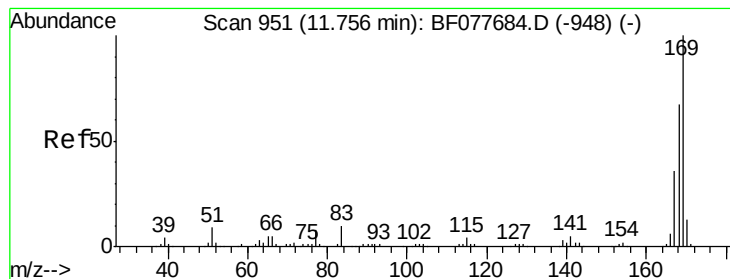
#64
4,6-Dinitro-2-methylphenol
Concen: 31.37 ng
RT: 11.67 min Scan# 943
Delta R.T. 0.00 min
Lab File: BF077803.D
Acq: 18 Mar 2015 18:44

Tgt Ion:198 Resp: 21761
Ion Ratio Lower Upper
198 100
51 26.7 28.8 68.8#
105 32.3 30.5 70.5



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

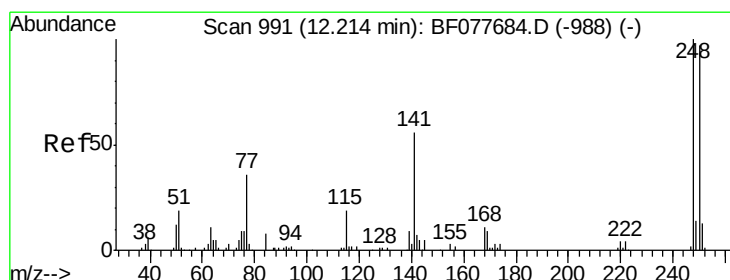
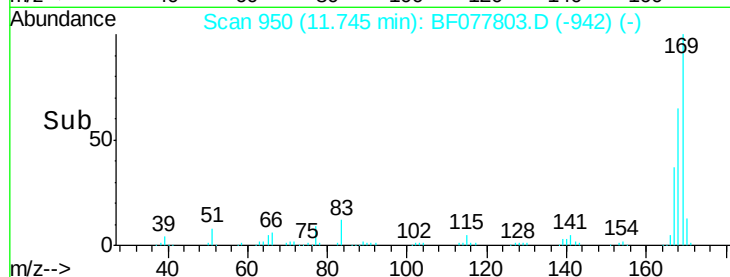
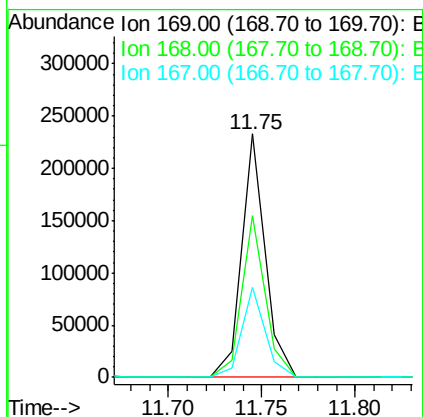
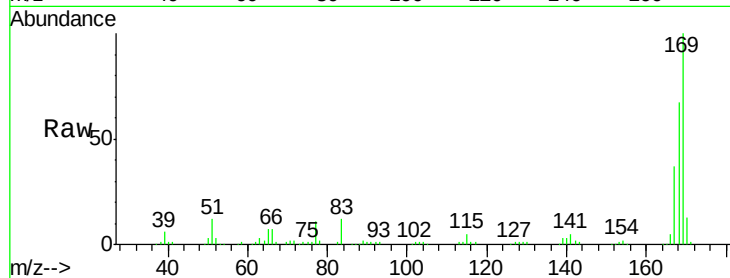




#65
 n-Nitrosodiphenylamine
 Concen: 39.80 ng
 RT: 11.75 min Scan# 950
 Delta R.T. -0.01 min
 Lab File: BF077803.D
 Acq: 18 Mar 2015 18:44

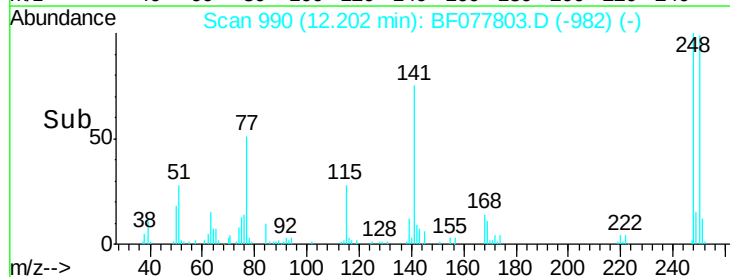
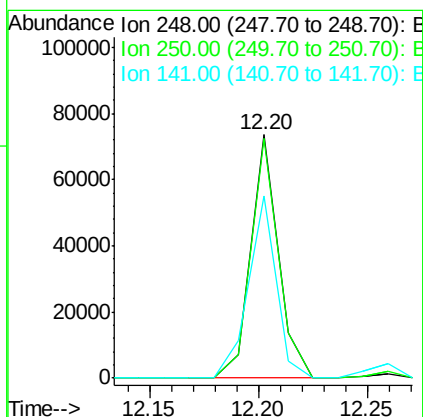
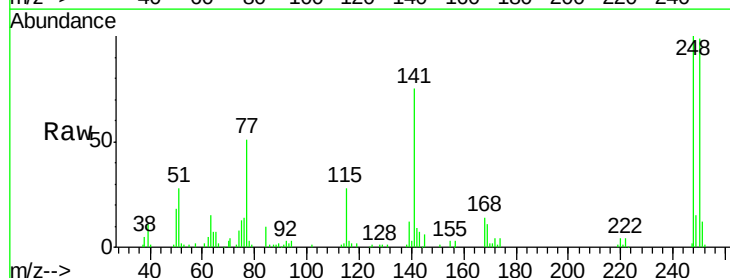
Instrument :
 BNA_F
 ClientSampleId :
 PB82152BS

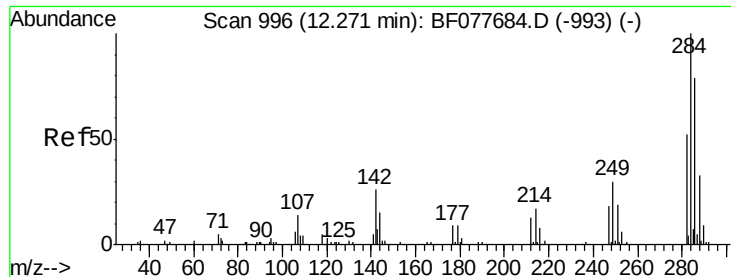
Tgt Ion:169 Resp: 205437
 Ion Ratio Lower Upper
 169 100
 168 66.5 53.9 80.9
 167 37.0 28.9 43.3



#66
 4-Bromophenyl-phenylether
 Concen: 39.19 ng
 RT: 12.20 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BF077803.D
 Acq: 18 Mar 2015 18:44

Tgt Ion:248 Resp: 64827
 Ion Ratio Lower Upper
 248 100
 250 98.7 77.4 116.0
 141 74.9 45.2 67.8#





#67

Hexachlorobenzene

Concen: 38.29 ng

RT: 12.26 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF077803.D

Acq: 18 Mar 2015 18:44

Instrument :

BNA_F

ClientSampleId :

PB82152BS

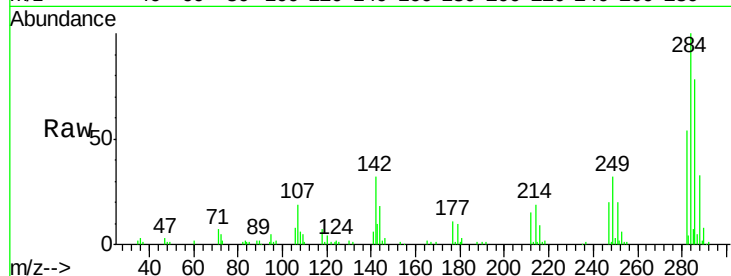
Tgt Ion:284 Resp: 69591

Ion Ratio Lower Upper

284 100

142 32.2 20.4 30.6#

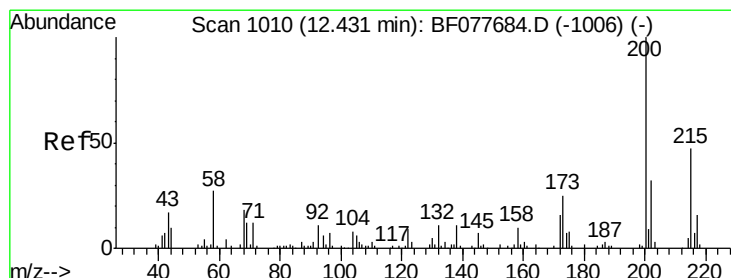
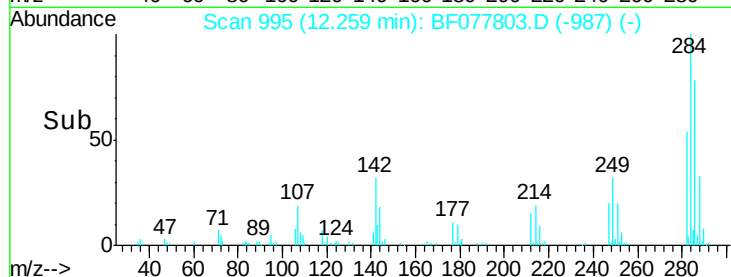
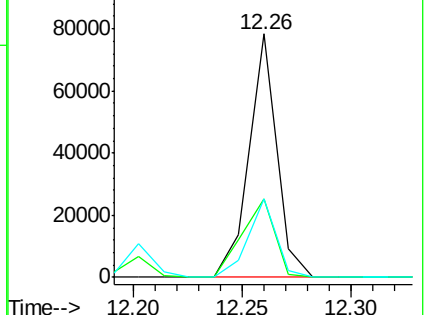
249 32.0 23.8 35.6



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: 41.81 ng

RT: 12.42 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF077803.D

Acq: 18 Mar 2015 18:44

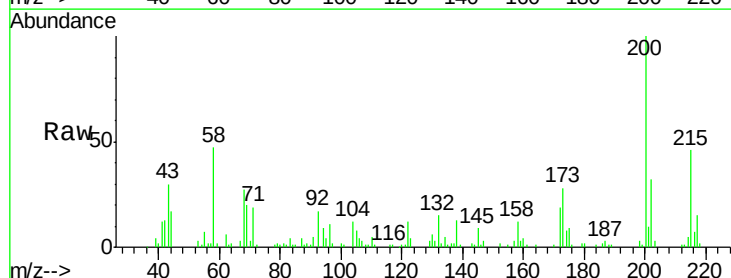
Tgt Ion:200 Resp: 60482

Ion Ratio Lower Upper

200 100

173 28.1 4.8 44.8

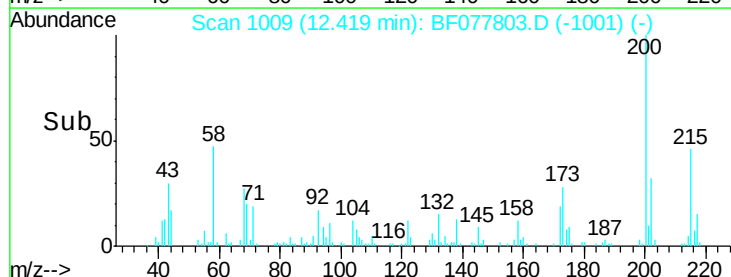
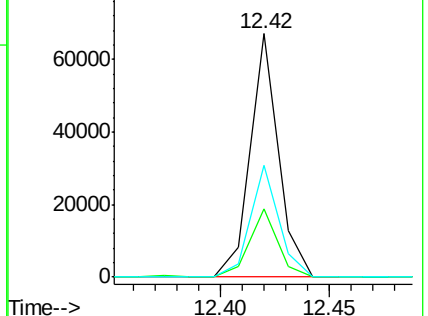
215 45.7 26.9 66.9

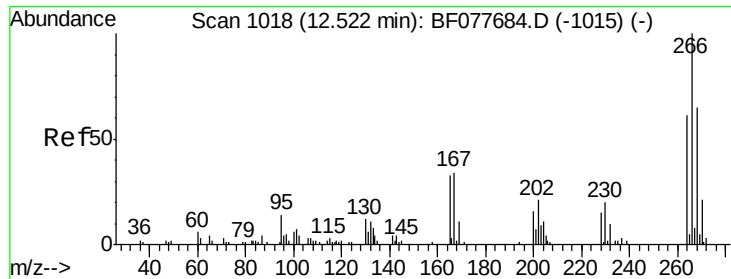


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

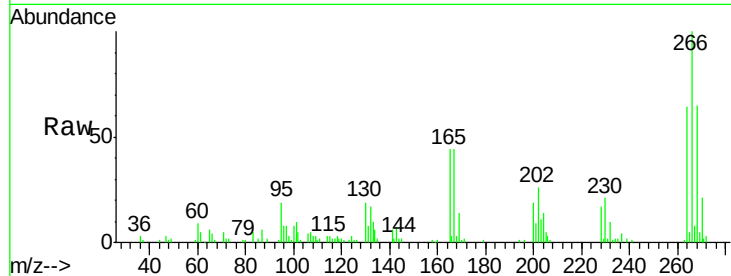




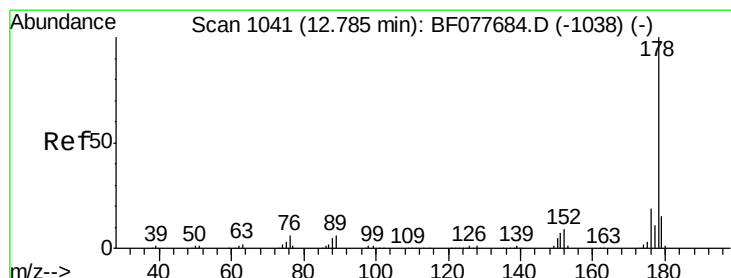
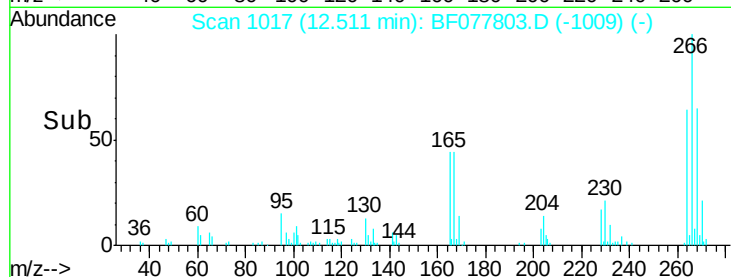
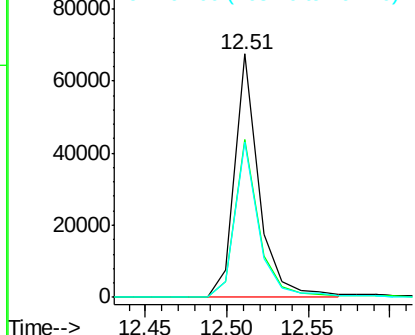
#69
 Pentachlorophenol
 Concen: 73.20 ng
 RT: 12.51 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BF077803.D
 Acq: 18 Mar 2015 18:44

Instrument :
 BNA_F
 ClientSampleId :
 PB82152BS

Tgt Ion:266 Resp: 69431
 Ion Ratio Lower Upper
 266 100
 268 64.9 52.0 78.0
 264 63.8 49.0 73.4

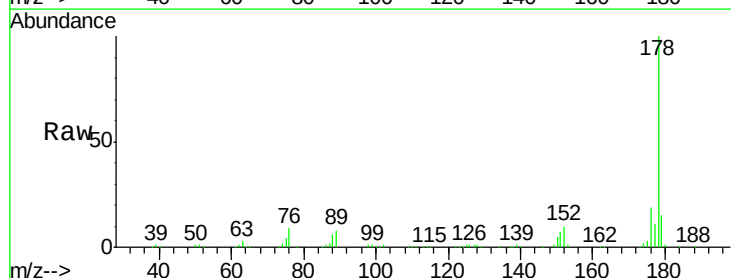


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

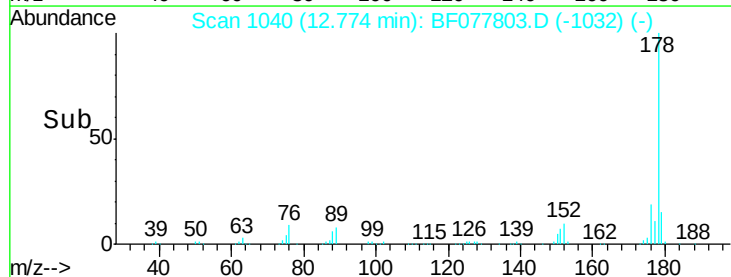
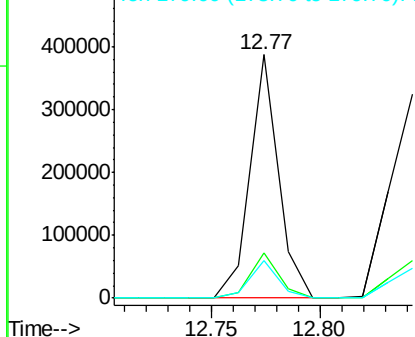


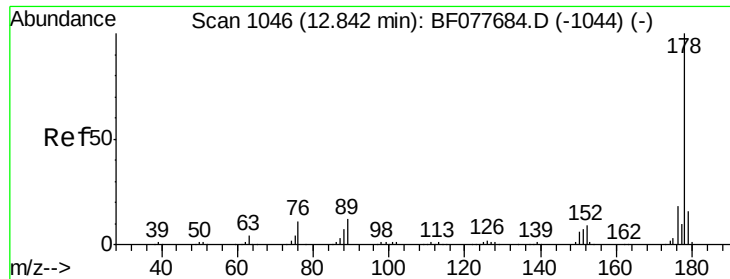
#70
 Phenanthrene
 Concen: 39.80 ng
 RT: 12.77 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BF077803.D
 Acq: 18 Mar 2015 18:44

Tgt Ion:178 Resp: 354150
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.2 22.8
 179 15.4 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

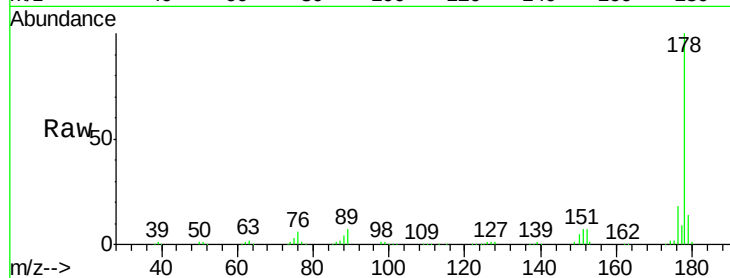




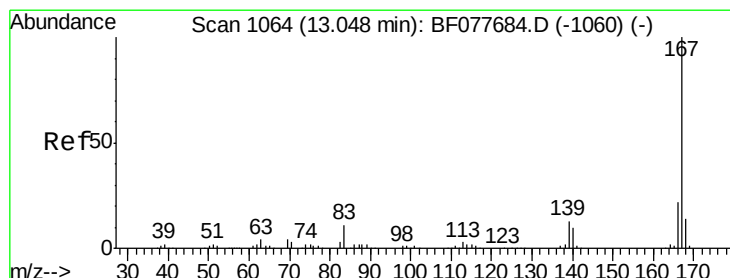
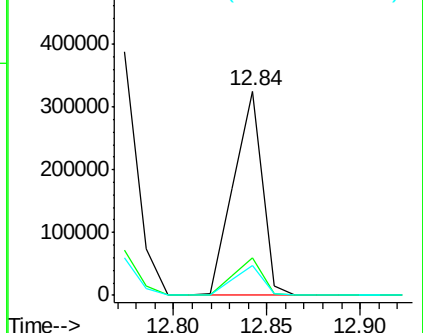
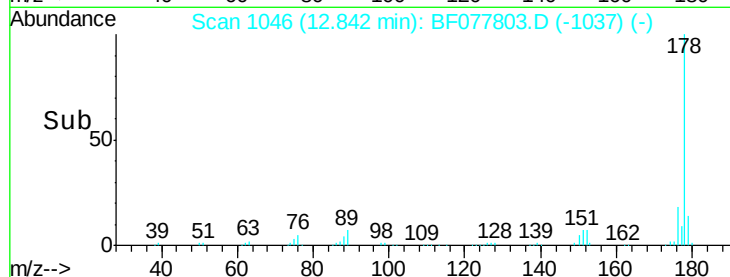
#71
 Anthracene
 Concen: 39.87 ng
 RT: 12.84 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BF077803.D
 Acq: 18 Mar 2015 18:44

Instrument :
 BNA_F
 ClientSampleId :
 PB82152BS

Tgt Ion:178 Resp: 350493
 Ion Ratio Lower Upper
 178 100
 176 18.1 14.6 22.0
 179 14.3 12.6 19.0

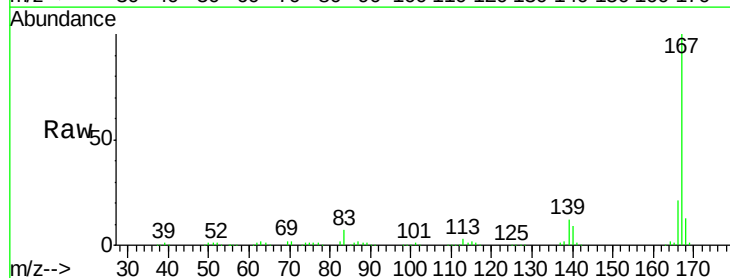


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

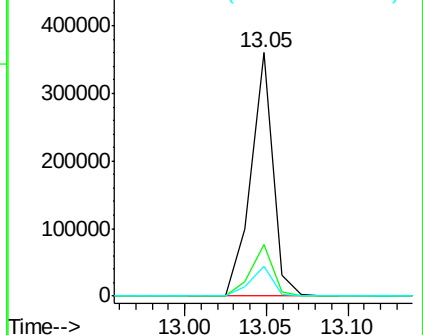
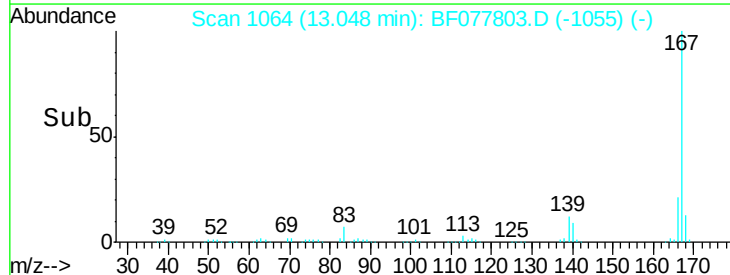


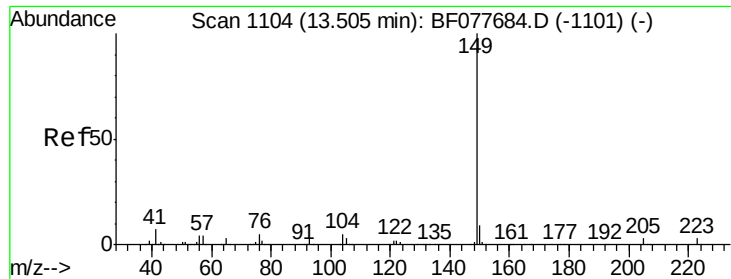
#72
 Carbazole
 Concen: 40.71 ng
 RT: 13.05 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BF077803.D
 Acq: 18 Mar 2015 18:44

Tgt Ion:167 Resp: 340443
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.2 25.8
 139 12.3 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

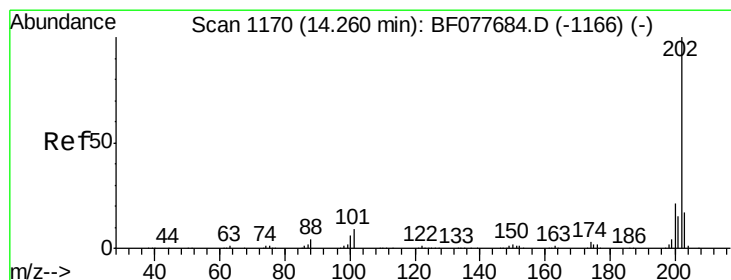
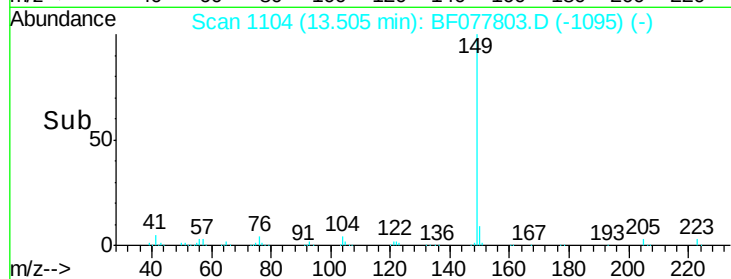
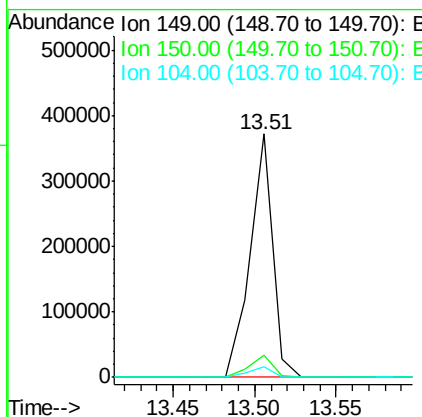
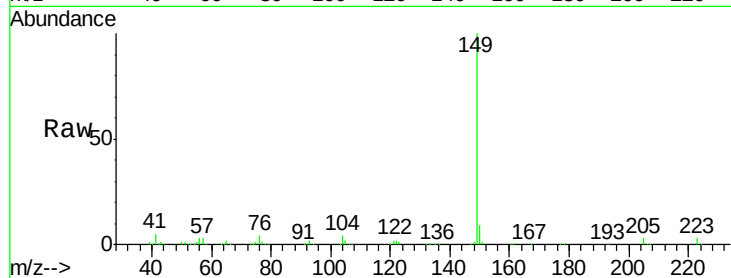




#73
Di-n-butylphthalate
Concen: 38.08 ng
RT: 13.51 min Scan# 1104
Delta R.T. 0.00 min
Lab File: BF077803.D
Acq: 18 Mar 2015 18:44

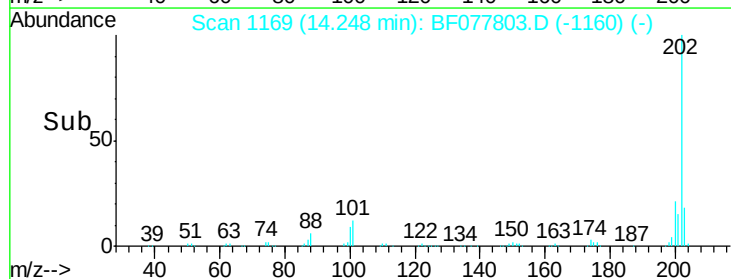
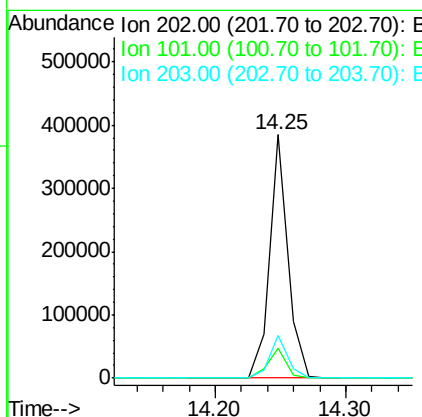
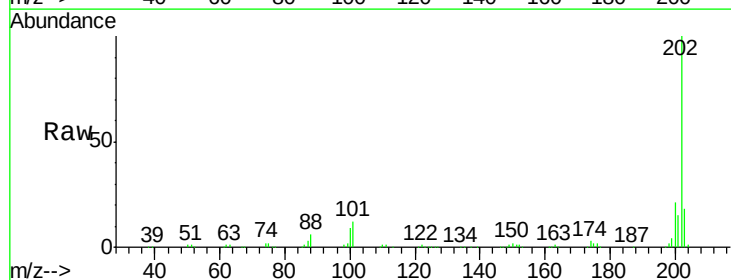
Instrument :
BNA_F
ClientSampleId :
PB82152BS

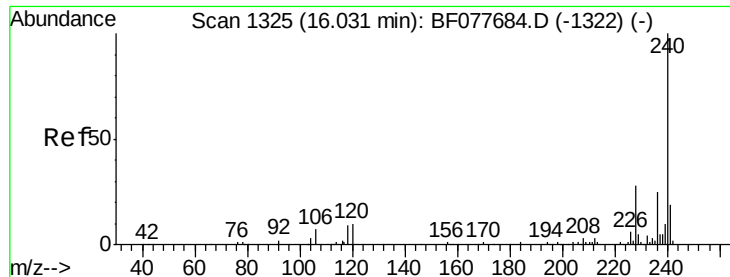
Tgt Ion:149 Resp: 357041
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 4.2 3.7 5.5



#74
Fluoranthene
Concen: 38.52 ng
RT: 14.25 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF077803.D
Acq: 18 Mar 2015 18:44

Tgt Ion:202 Resp: 378093
Ion Ratio Lower Upper
202 100
101 12.2 0.0 28.7
203 17.7 0.0 37.2

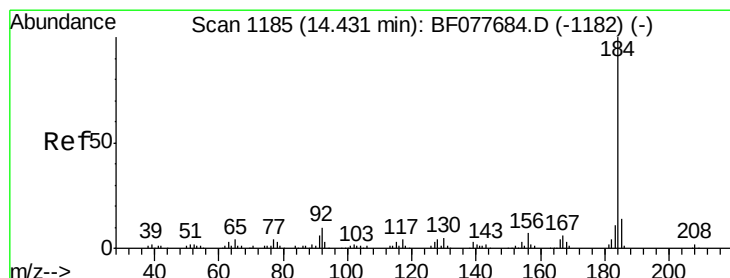
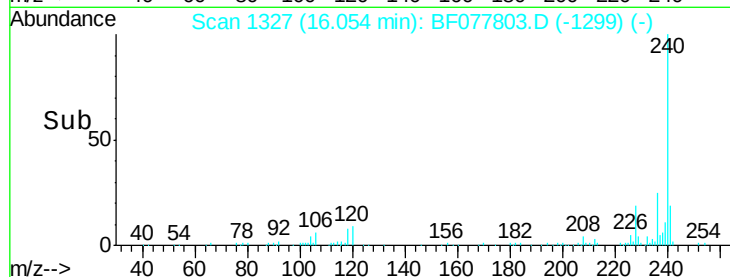
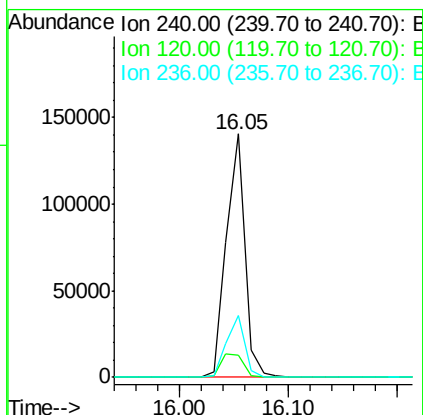
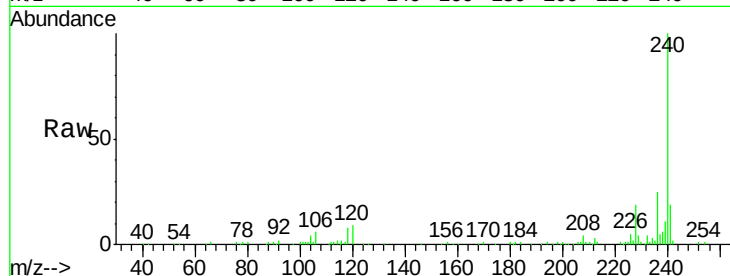




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.05 min Scan# 1327
Delta R.T. 0.02 min
Lab File: BF077803.D
Acq: 18 Mar 2015 18:44

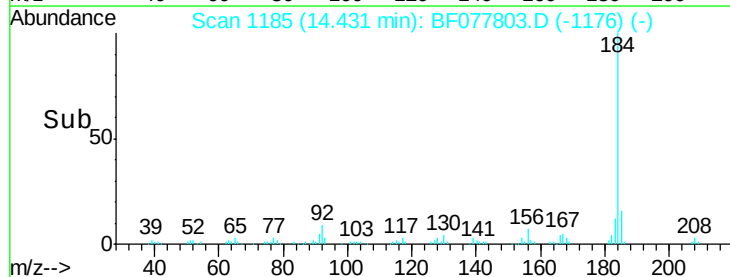
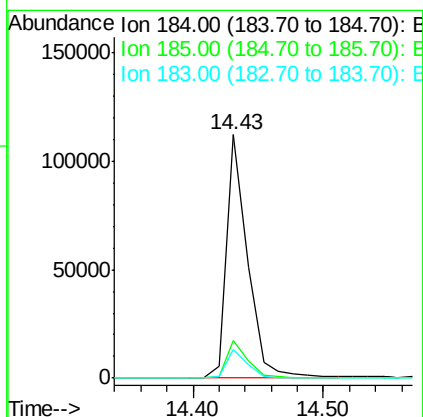
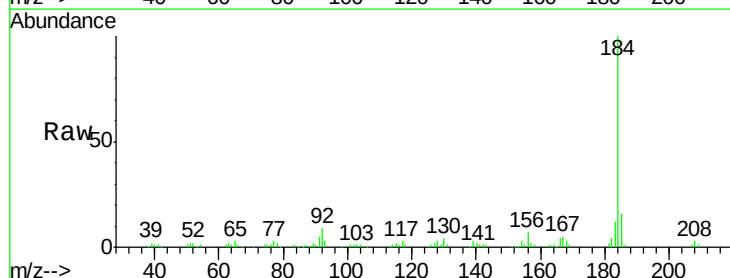
Instrument :
BNA_F
ClientSampleId :
PB82152BS

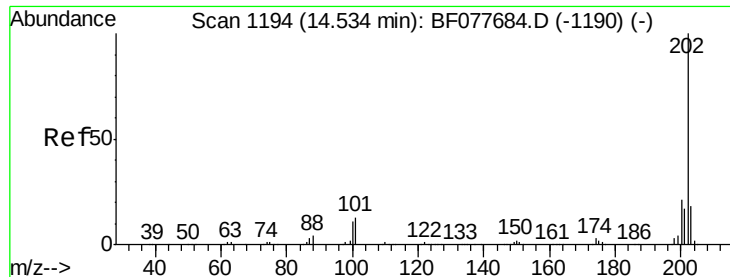
Tgt Ion:240 Resp: 166103
Ion Ratio Lower Upper
240 100
120 9.4 8.2 12.2
236 25.2 20.0 30.0



#76
Benzidine
Concen: 30.79 ng
RT: 14.43 min Scan# 1185
Delta R.T. 0.00 min
Lab File: BF077803.D
Acq: 18 Mar 2015 18:44

Tgt Ion:184 Resp: 126981
Ion Ratio Lower Upper
184 100
185 15.5 11.3 16.9
183 11.9 8.9 13.3

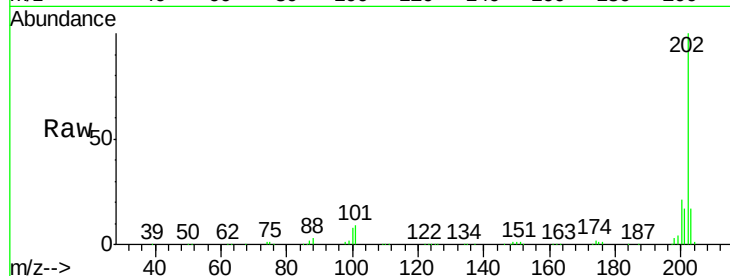




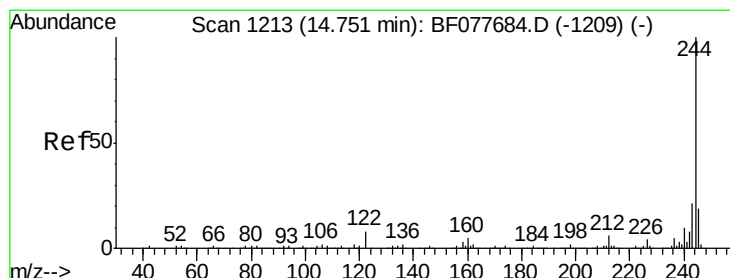
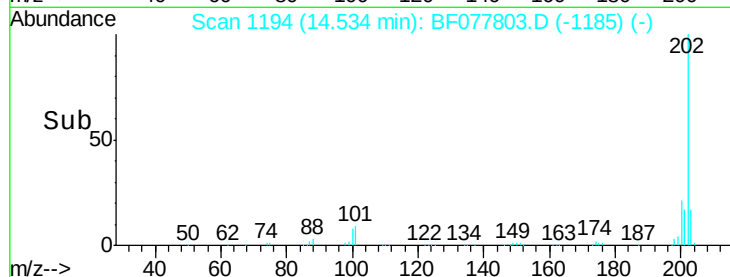
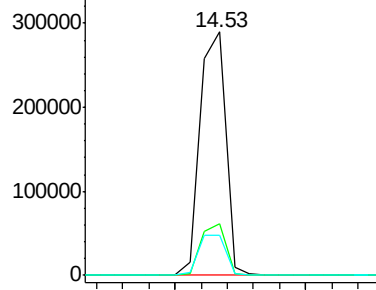
#77
 Pyrene
 Concen: 37.89 ng
 RT: 14.53 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF077803.D
 Acq: 18 Mar 2015 18:44

Instrument :
 BNA_F
 ClientSampleId :
 PB82152BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	16.7	14.1	21.1

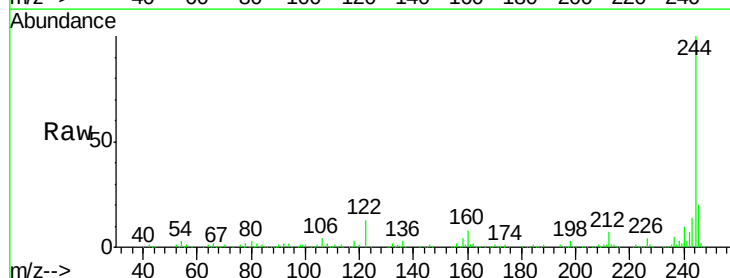


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

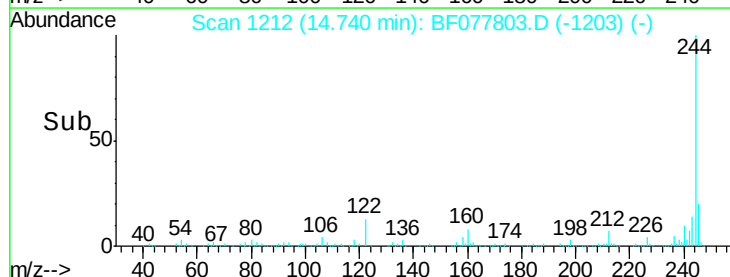
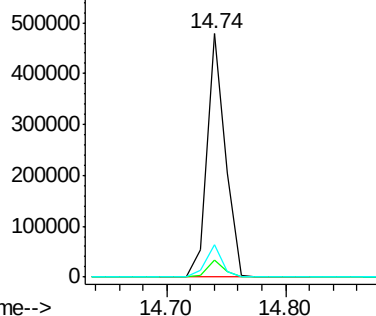


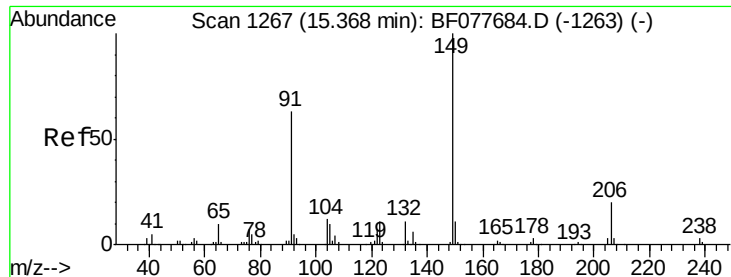
#78
 Terphenyl-d14
 Concen: 75.03 ng
 RT: 14.74 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF077803.D
 Acq: 18 Mar 2015 18:44

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	4.9	7.3
122	13.4	6.2	9.4



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

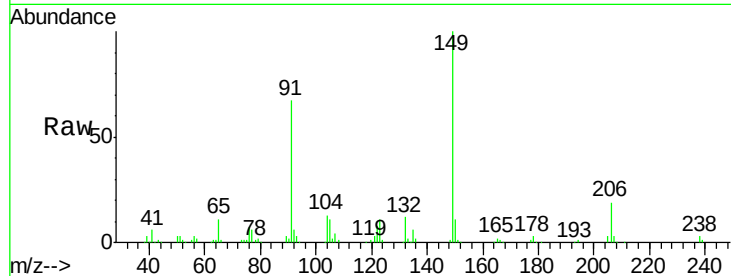




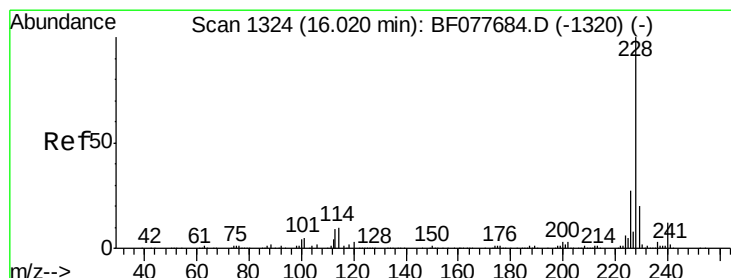
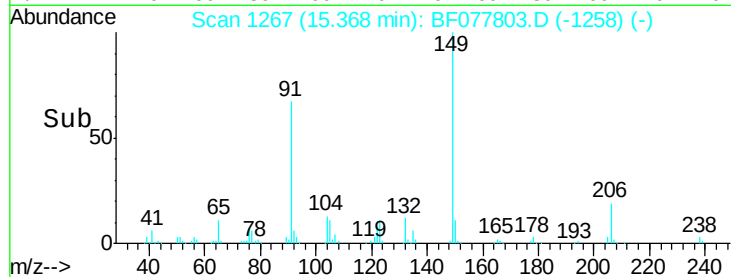
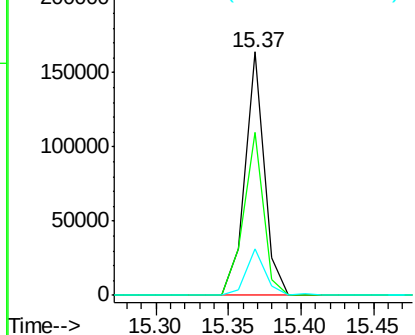
#79
Butylbenzylphthalate
Concen: 36.96 ng
RT: 15.37 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BF077803.D
Acq: 18 Mar 2015 18:44

Instrument :
BNA_F
ClientSampleId :
PB82152BS

Tgt Ion:149 Resp: 152223
Ion Ratio Lower Upper
149 100
91 67.0 50.1 75.1
206 18.9 16.2 24.2

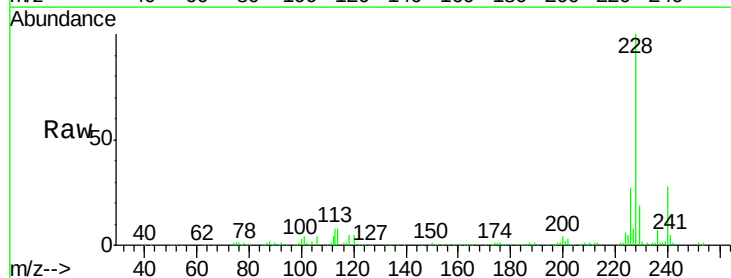


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

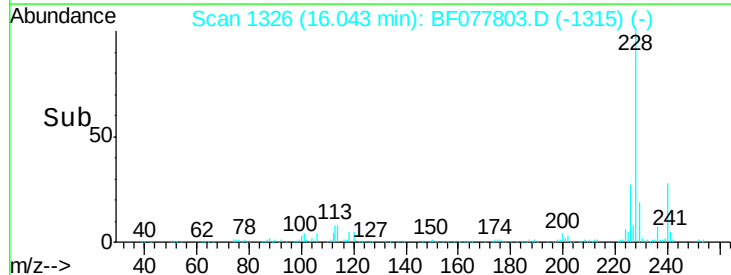
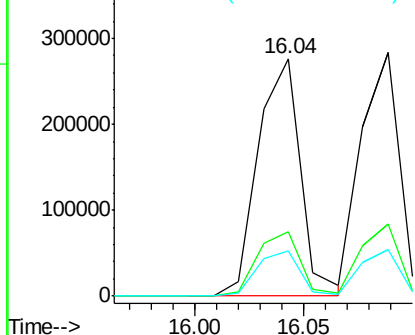


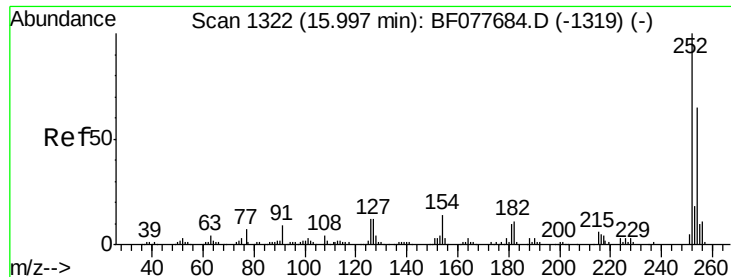
#80
Benzo(a)anthracene
Concen: 38.37 ng
RT: 16.04 min Scan# 1326
Delta R.T. 0.02 min
Lab File: BF077803.D
Acq: 18 Mar 2015 18:44

Tgt Ion:228 Resp: 377793
Ion Ratio Lower Upper
228 100
226 27.1 21.7 32.5
229 19.3 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

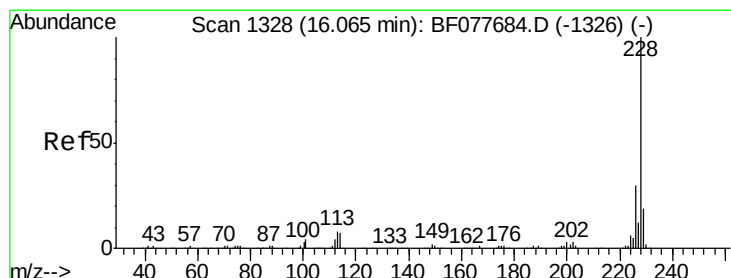
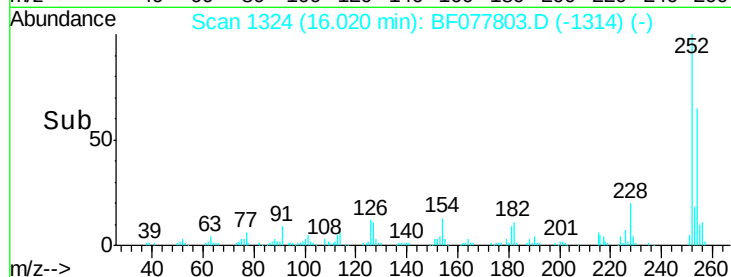
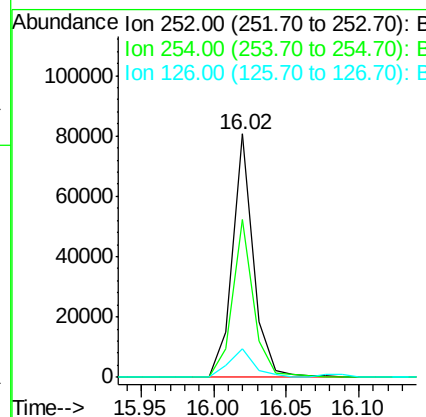
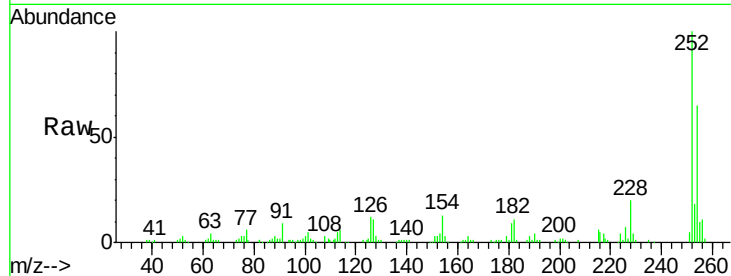




#81
 3,3'-Dichlorobenzidine
 Concen: 25.20 ng
 RT: 16.02 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: BF077803.D
 Acq: 18 Mar 2015 18:44

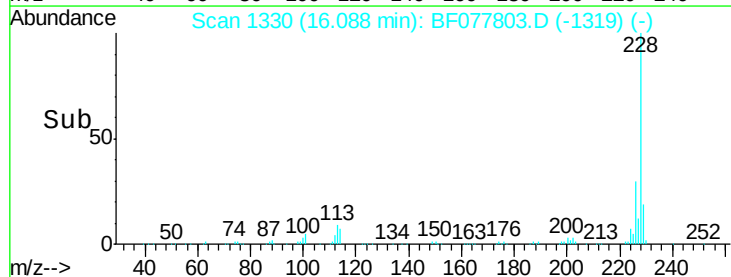
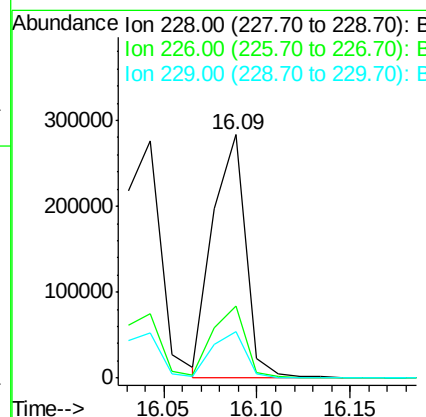
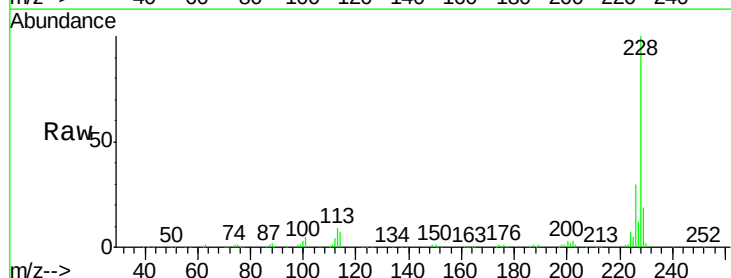
Instrument :
 BNA_F
 ClientSampleId :
 PB82152BS

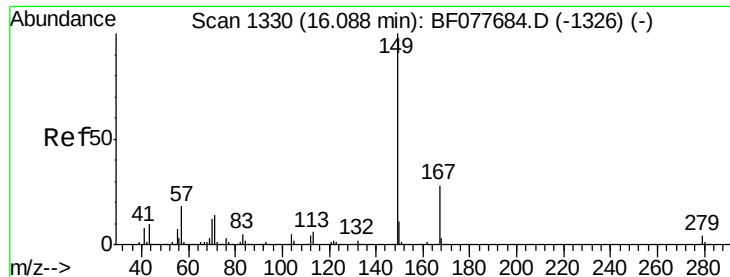
Tgt Ion: 252 Resp: 81841
 Ion Ratio Lower Upper
 252 100
 254 64.9 51.9 77.9
 126 11.9 9.8 14.8



#82
 Chrysene
 Concen: 39.29 ng
 RT: 16.09 min Scan# 1330
 Delta R.T. 0.02 min
 Lab File: BF077803.D
 Acq: 18 Mar 2015 18:44

Tgt Ion: 228 Resp: 347827
 Ion Ratio Lower Upper
 228 100
 226 29.9 24.1 36.1
 229 19.4 15.5 23.3

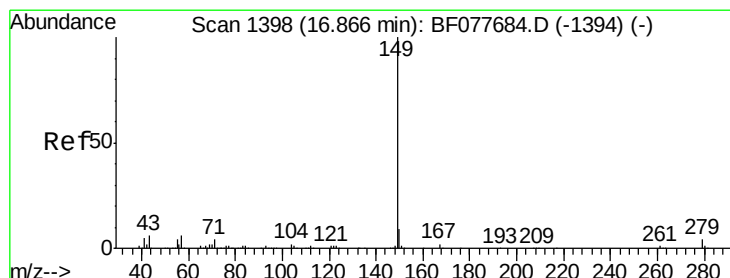
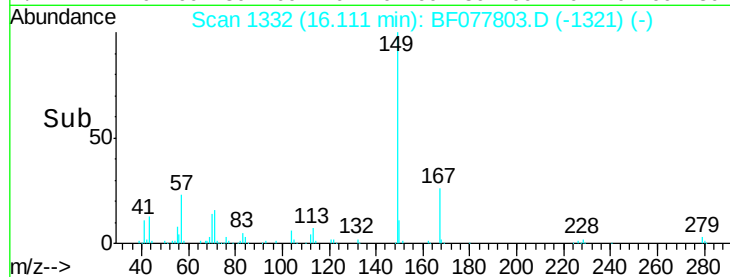
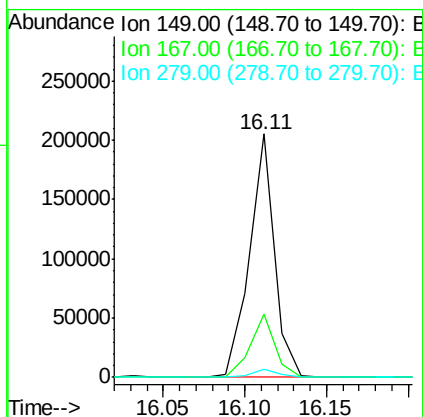
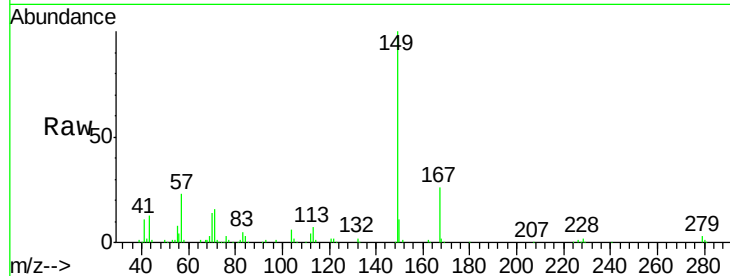




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.03 ng
 RT: 16.11 min Scan# 1332
 Delta R.T. 0.02 min
 Lab File: BF077803.D
 Acq: 18 Mar 2015 18:44

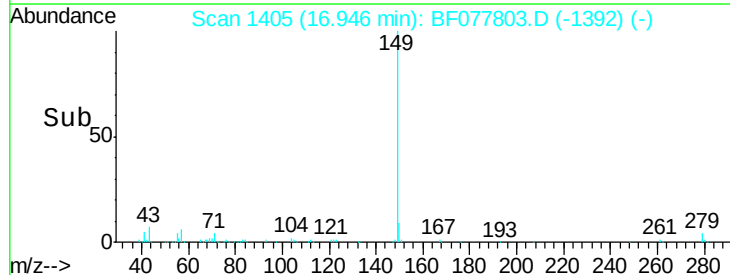
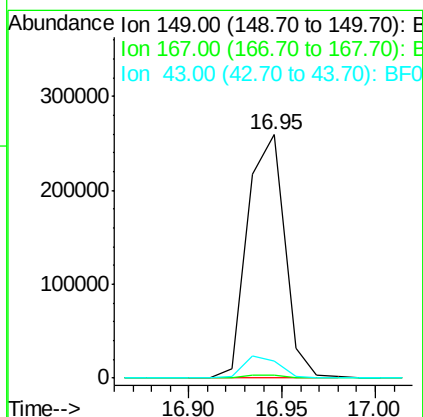
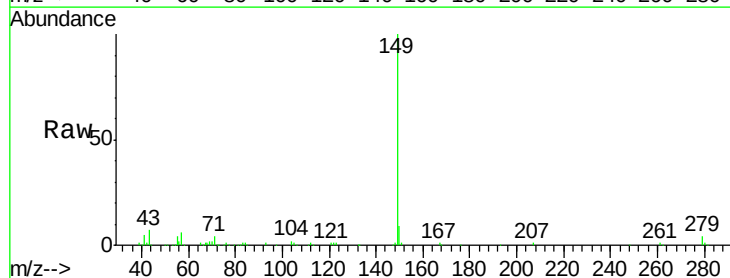
Instrument :
 BNA_F
 ClientSampleId :
 PB82152BS

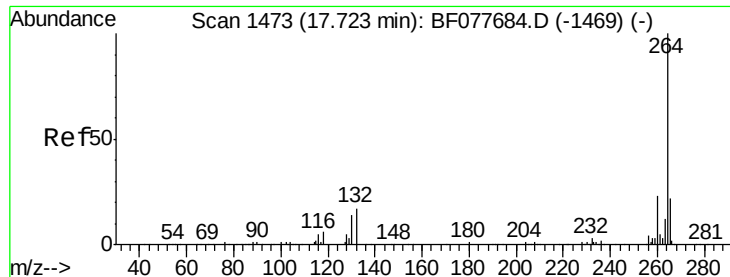
Tgt Ion:149 Resp: 218512
 Ion Ratio Lower Upper
 149 100
 167 26.0 22.4 33.6
 279 3.2 3.4 5.0#



#84
 Di-n-octyl phthalate
 Concen: 33.69 ng
 RT: 16.95 min Scan# 1405
 Delta R.T. 0.05 min
 Lab File: BF077803.D
 Acq: 18 Mar 2015 18:44

Tgt Ion:149 Resp: 359299
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 8.8 7.3 10.9

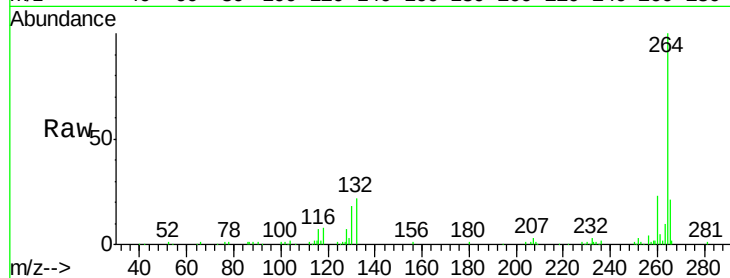




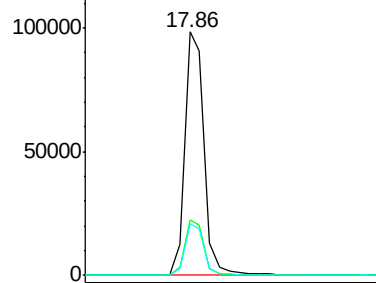
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.86 min Scan# 1485
Delta R.T. 0.07 min
Lab File: BF077803.D
Acq: 18 Mar 2015 18:44

Instrument :
BNA_F
ClientSampleId :
PB82152BS

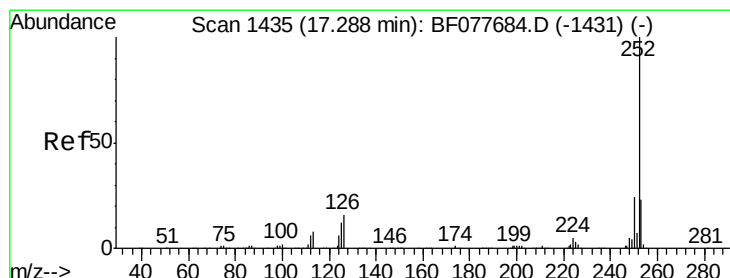
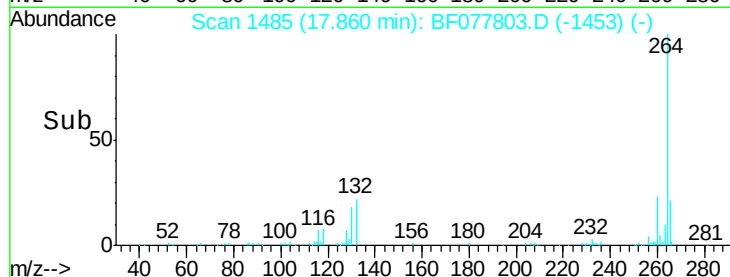
Tgt Ion: 264 Resp: 153497
Ion Ratio Lower Upper
264 100
260 22.9 18.6 27.8
265 21.0 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

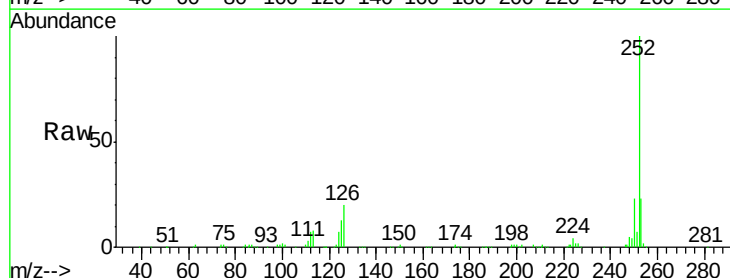


Time-->

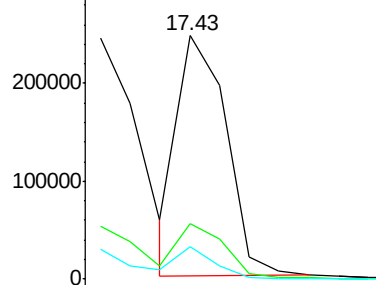


#87
Benzo(b)fluoranthene
Concen: 31.67 ng
RT: 17.43 min Scan# 1447
Delta R.T. 0.08 min
Lab File: BF077803.D
Acq: 18 Mar 2015 18:44

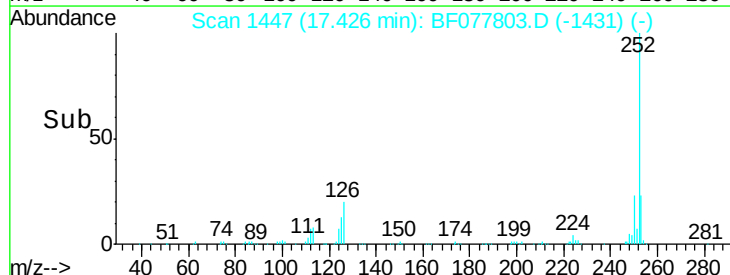
Tgt Ion: 252 Resp: 317407
Ion Ratio Lower Upper
252 100
253 22.6 18.0 27.0
125 13.4 9.9 14.9

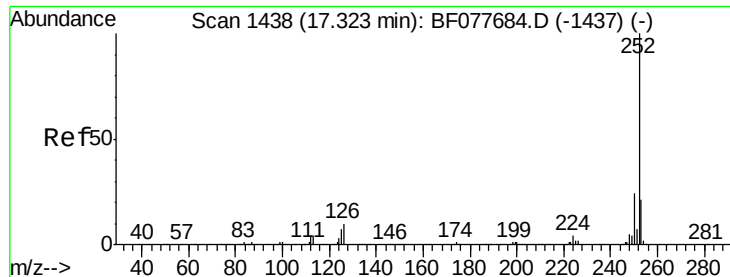


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->

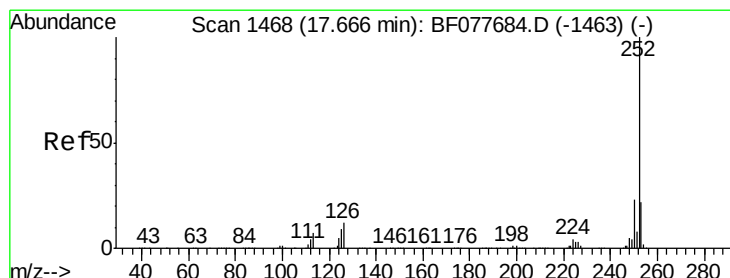
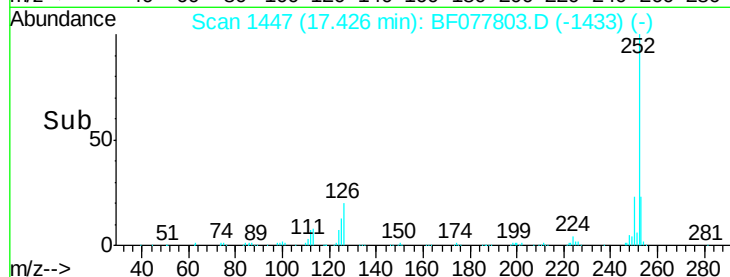
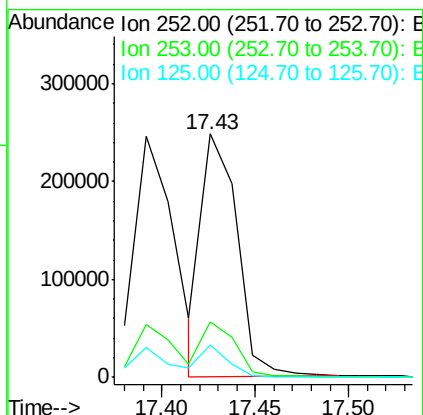
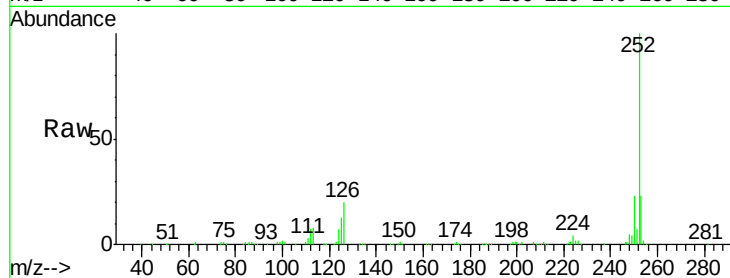




#88
Benzo(k)fluoranthene
Concen: 41.74 ng
RT: 17.43 min Scan# 1447
Delta R.T. 0.06 min
Lab File: BF077803.D
Acq: 18 Mar 2015 18:44

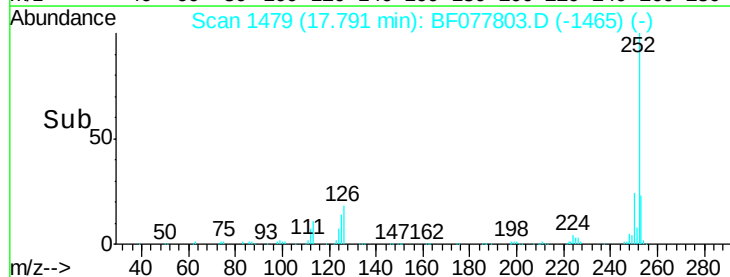
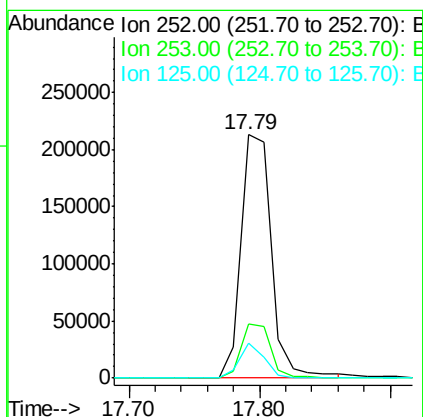
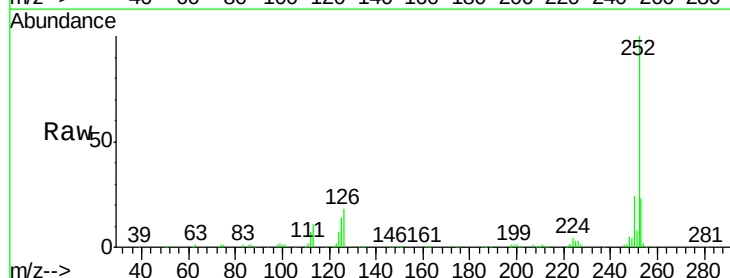
Instrument :
BNA_F
ClientSampleId :
PB82152BS

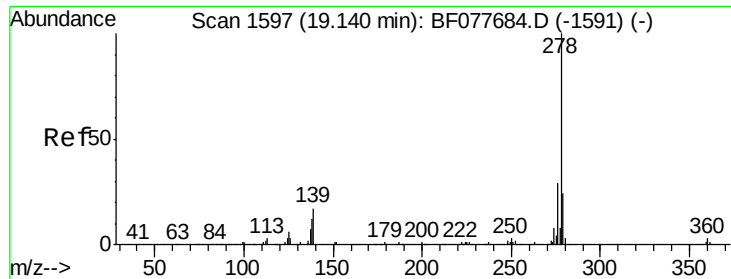
Tgt Ion:252 Resp: 326694
Ion Ratio Lower Upper
252 100
253 22.6 17.2 25.8
125 13.4 8.1 12.1#



#89
Benzo(a)pyrene
Concen: 41.18 ng
RT: 17.79 min Scan# 1479
Delta R.T. 0.06 min
Lab File: BF077803.D
Acq: 18 Mar 2015 18:44

Tgt Ion:252 Resp: 344315
Ion Ratio Lower Upper
252 100
253 22.5 17.6 26.4
125 14.3 7.4 11.2#





#90

Dibenzo(a,h)anthracene

Concen: 37.41 ng

RT: 19.31 min Scan# 1612

Delta R.T. 0.09 min

Lab File: BF077803.D

Acq: 18 Mar 2015 18:44

Instrument :

BNA_F

ClientSampleId :

PB82152BS

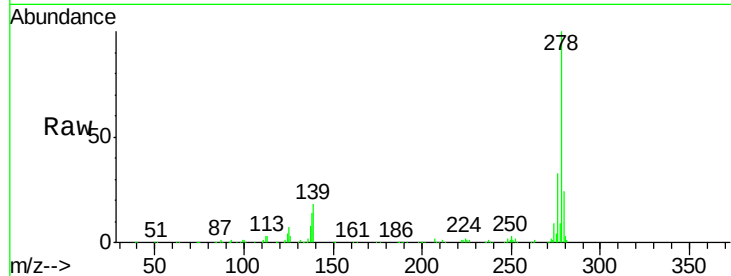
Tgt Ion:278 Resp: 310237

Ion Ratio Lower Upper

278 100

139 18.1 13.4 20.0

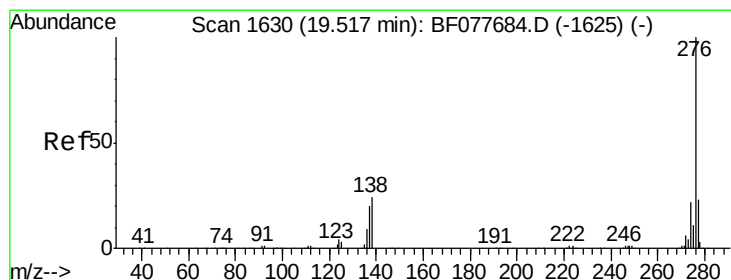
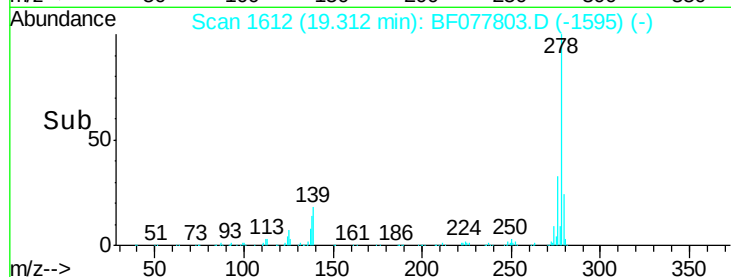
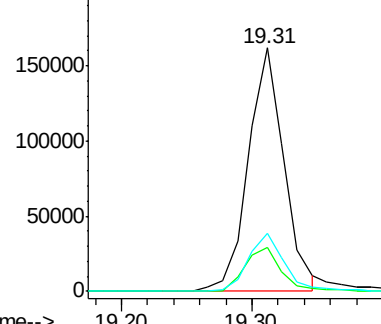
279 23.8 19.0 28.4



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: 37.65 ng

RT: 19.69 min Scan# 1645

Delta R.T. 0.09 min

Lab File: BF077803.D

Acq: 18 Mar 2015 18:44

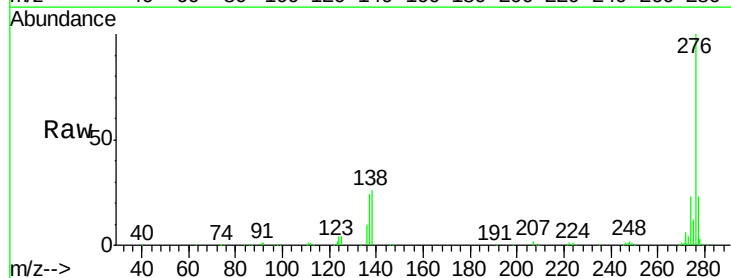
Tgt Ion:276 Resp: 317886

Ion Ratio Lower Upper

276 100

277 23.2 18.5 27.7

138 26.1 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

