

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
 Data File : BF077913.D
 Acq On : 24 Mar 2015 16:01
 Operator : TP/IZ
 Sample : PB82277BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82277BSD

Quant Time: Mar 25 00:07:11 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 25 00:51:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	42069	20.00	ng	0.00
21) Naphthalene-d8	8.69	136	168116	20.00	ng	0.00
38) Acenaphthene-d10	10.87	164	84129	20.00	ng	0.00
63) Phenanthrene-d10	12.69	188	164244	20.00	ng	0.00
75) Chrysene-d12	15.97	240	179942	20.00	ng	0.00
86) Perylene-d12	17.69	264	171094	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	310345	128.77	ng	0.00
7) Phenol-d6	6.69	99	388274	130.39	ng	0.00
23) Nitrobenzene-d5	7.81	82	233844	91.18	ng	0.00
41) 2,4,6-Tribromophenol	11.84	330	96533	119.93	ng	0.00
44) 2-Fluorobiphenyl	10.04	172	501840	87.66	ng	0.00
78) Terphenyl-d14	14.69	244	600758	81.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.01	88	35569	32.51	ng	# 100
3) Pyridine	2.68	79	110916	37.73	ng	97
4) n-Nitrosodimethylamine	2.61	42	42022	32.83	ng	99
6) Aniline	6.70	93	67317	15.80	ng	# 1
8) 2-Chlorophenol	6.85	128	119829	41.77	ng	89
9) Benzaldehyde	6.57	77	5539	4.54	ng	95
10) Phenol	6.70	94	139073	39.51	ng	99
11) bis(2-Chloroethyl)ether	6.81	93	109392	41.49	ng	92
12) 1,3-Dichlorobenzene	7.04	146	129316	40.53	ng	98
13) 1,4-Dichlorobenzene	7.14	146	130376	39.32	ng	99
14) 1,2-Dichlorobenzene	7.32	146	123459	40.62	ng	98
15) Benzyl Alcohol	7.31	79	90936	39.12	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.48	45	150192	42.27	ng	98
17) 2-Methylphenol	7.46	107	97403	41.71	ng	99
18) Hexachloroethane	7.73	117	44830	41.23	ng	91
19) n-Nitroso-di-n-propylamine	7.64	70	82849	40.22	ng	# 94
20) 3+4-Methylphenols	7.65	107	123760	40.38	ng	98
22) Acetophenone	7.63	105	164480	44.19	ng	# 95
24) Nitrobenzene	7.84	77	118662	42.95	ng	# 88
25) Isophorone	8.13	82	213247	41.17	ng	95
26) 2-Nitrophenol	8.22	139	53644	39.66	ng	# 80
27) 2,4-Dimethylphenol	8.30	122	105940	42.99	ng	99
28) bis(2-Chloroethoxy)methane	8.42	93	141210	44.92	ng	99
29) 2,4-Dichlorophenol	8.53	162	98239	41.82	ng	96
30) 1,2,4-Trichlorobenzene	8.62	180	107635	40.95	ng	96
31) Naphthalene	8.72	128	351957	40.76	ng	99
32) Benzoic acid	8.42	122	38345	29.19	ng	97
33) 4-Chloroaniline	8.80	127	53975	15.40	ng	# 92
34) Hexachlorobutadiene	8.88	225	62096	41.69	ng	99
35) Caprolactam	9.23	113	29226	42.57	ng	# 84
36) 4-Chloro-3-methylphenol	9.41	107	105052	44.45	ng	87
37) 2-Methylnaphthalene	9.57	142	241227	41.59	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.78	216	101996	40.65	ng	# 100
40) Hexachlorocyclopentadiene	9.77	237	105764	84.03	ng	98

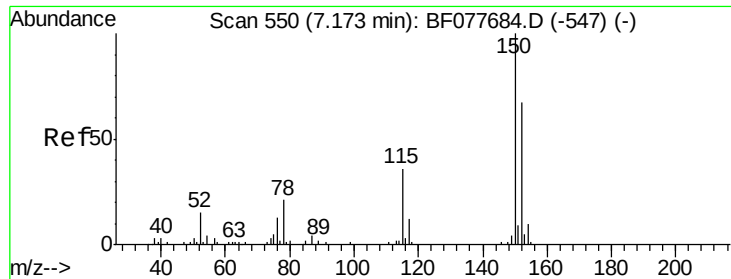
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.94	196	69548	40.01	ng	99
43) 2,4,5-Trichlorophenol	9.98	196	73648	39.22	ng	# 95
45) 1,1'-Biphenyl	10.16	154	280266	41.67	ng	97
46) 2-Chloronaphthalene	10.18	162	227814	41.68	ng	95
47) 2-Nitroaniline	10.32	65	61427	45.26	ng	95
48) Acenaphthylene	10.68	152	355421	39.11	ng	99
49) Dimethylphthalate	10.56	163	269004	43.11	ng	99
50) 2,6-Dinitrotoluene	10.63	165	58868	45.51	ng	# 85
51) Acenaphthene	10.90	154	208859	40.08	ng	100
52) 3-Nitroaniline	10.82	138	31909	21.24	ng	# 72
53) 2,4-Dinitrophenol	10.96	184	38177	80.31	ng	95
54) Dibenzofuran	11.12	168	314256	40.66	ng	95
55) 4-Nitrophenol	11.05	139	86276	77.54	ng	# 68
56) 2,4-Dinitrotoluene	11.12	165	74072	43.92	ng	96
57) Fluorene	11.54	166	258293	40.25	ng	100
58) 2,3,4,6-Tetrachlorophenol	11.28	232	59411	41.09	ng	# 100
59) Diethylphthalate	11.43	149	252674	41.56	ng	96
60) 4-Chlorophenyl-phenylether	11.55	204	117629	40.16	ng	91
61) 4-Nitroaniline	11.57	138	54466	36.38	ng	# 70
62) Azobenzene	11.75	77	248425	42.75	ng	94
64) 4,6-Dinitro-2-methylphenol	11.62	198	30123	39.66	ng	76
65) n-Nitrosodiphenylamine	11.70	169	227099	41.52	ng	98
66) 4-Bromophenyl-phenylether	12.16	248	72610	41.43	ng	96
67) Hexachlorobenzene	12.21	284	78431	40.72	ng	99
68) Atrazine	12.37	200	67793	44.23	ng	93
69) Pentachlorophenol	12.47	266	76270	75.78	ng	97
70) Phenanthrene	12.73	178	394996	41.89	ng	100
71) Anthracene	12.79	178	381715	40.98	ng	99
72) Carbazole	13.00	167	380492	42.94	ng	98
73) Di-n-butylphthalate	13.46	149	414934	41.76	ng	98
74) Fluoranthene	14.20	202	425799	40.94	ng	99
76) Benzidine	14.39	184	149567	33.52	ng	100
77) Pyrene	14.48	202	444695	39.30	ng	99
79) Butylbenzylphthalate	15.31	149	187676	42.07	ng	97
80) Benzo(a)anthracene	15.96	228	428093	40.13	ng	99
81) 3,3'-Dichlorobenzidine	15.94	252	80905	22.99	ng	# 95
82) Chrysene	16.01	228	418922	43.68	ng	99
83) Bis(2-ethylhexyl)phthalate	16.03	149	284830	42.15	ng	# 97
84) Di-n-octyl phthalate	16.82	149	477876	41.36	ng	100
85) Indeno(1,2,3-cd)pyrene	19.05	276	468107	39.10	ng	# 100
87) Benzo(b)fluoranthene	17.25	252	429207	38.43	ng	# 95
88) Benzo(k)fluoranthene	17.25	252	429207	49.20	ng	98
89) Benzo(a)pyrene	17.63	252	409282	43.92	ng	99
90) Dibenzo(a,h)anthracene	19.07	278	386712	41.84	ng	# 95
91) Benzo(g,h,i)perylene	19.45	276	385290	40.94	ng	98

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

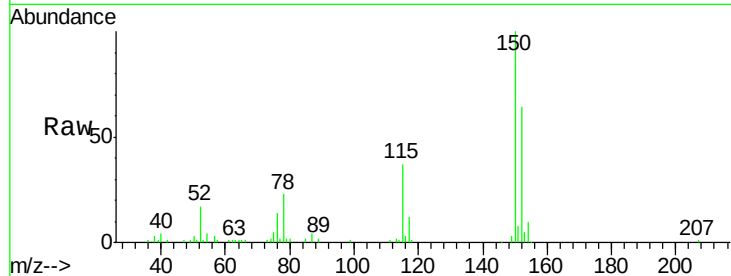


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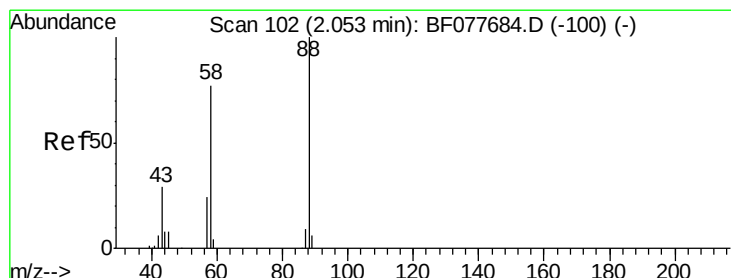
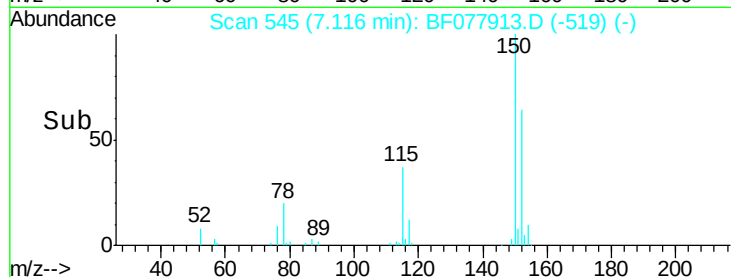
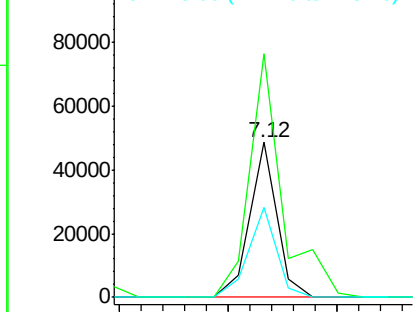
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.12 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF077913.D
Acq: 24 Mar 2015 16:01

Instrument :
BNA_F
ClientSampleId :
PB82277BSD

Tgt Ion:152 Resp: 42069
Ion Ratio Lower Upper
152 100
150 157.3 119.5 179.3
115 58.0 43.0 64.4



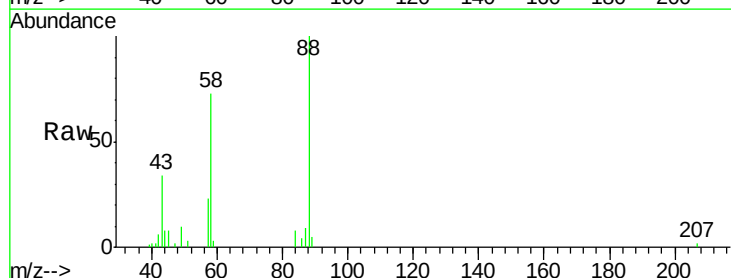
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



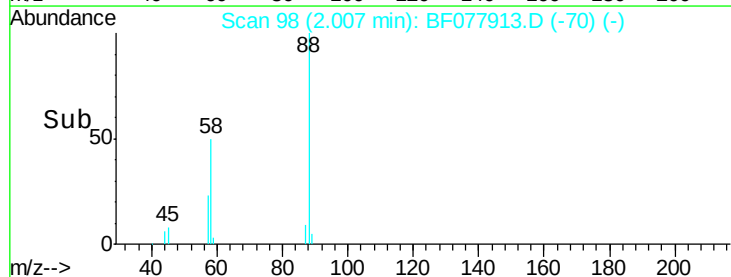
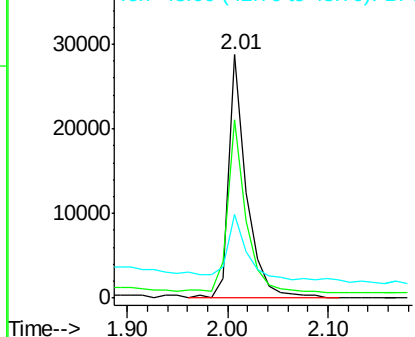
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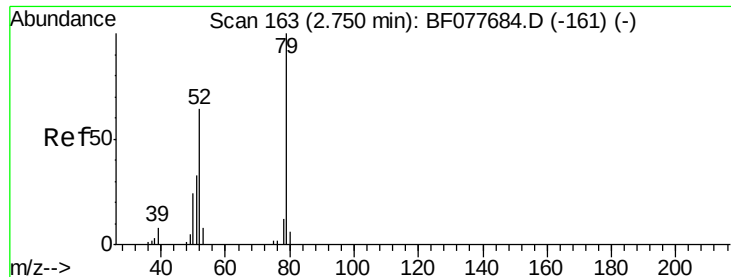
1,4-Dioxane
Concen: 32.51 ng
RT: 2.01 min Scan# 98
Delta R.T. 0.02 min
Lab File: BF077913.D
Acq: 24 Mar 2015 16:01

Tgt Ion: 88 Resp: 35569
Ion Ratio Lower Upper
88 100
58 73.3 0.0 0.0#
43 40.1 0.0 0.0#



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





#3

Pyridine

Concen: 37.73 ng

RT: 2.68 min Scan# 157

Delta R.T. 0.03 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

Instrument :

BNA_F

ClientSampleId :

PB82277BSD

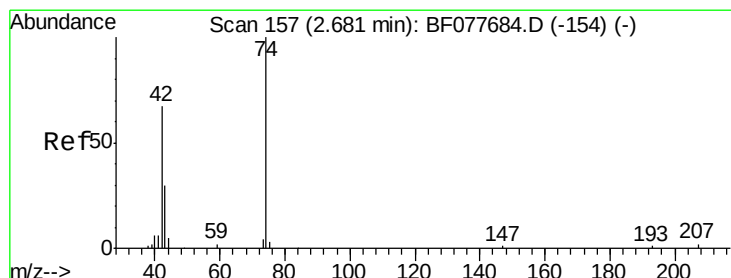
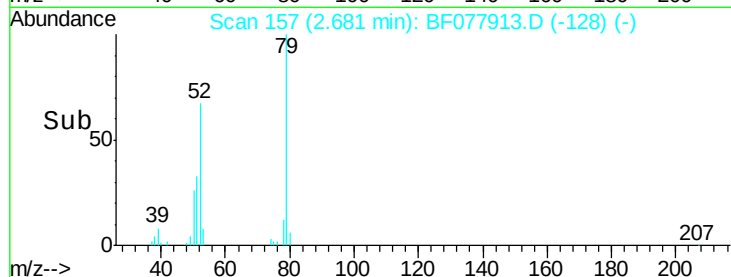
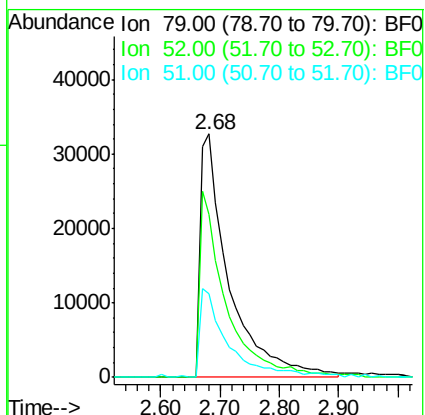
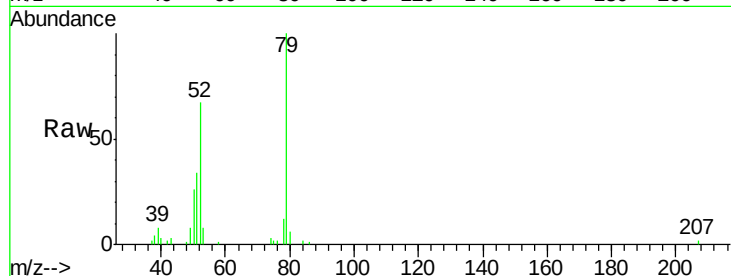
Tgt Ion: 79 Resp: 110916

Ion Ratio Lower Upper

79 100

52 66.8 51.1 76.7

51 34.2 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 32.83 ng

RT: 2.61 min Scan# 151

Delta R.T. 0.02 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

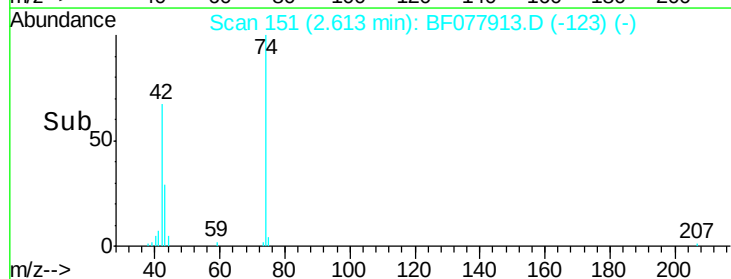
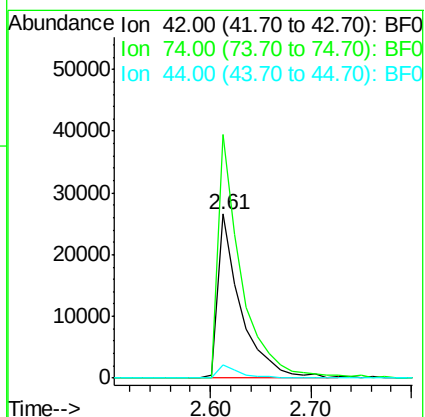
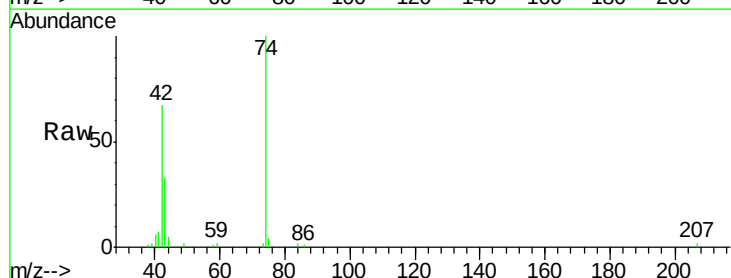
Tgt Ion: 42 Resp: 42022

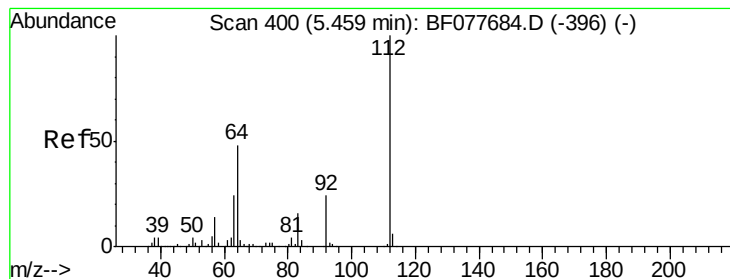
Ion Ratio Lower Upper

42 100

74 148.6 119.3 178.9

44 7.9 5.4 8.2





#5

2-Fluorophenol

Concen: 128.77 ng

RT: 5.40 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

Instrument :

BNA_F

ClientSampleId :

PB82277BSD

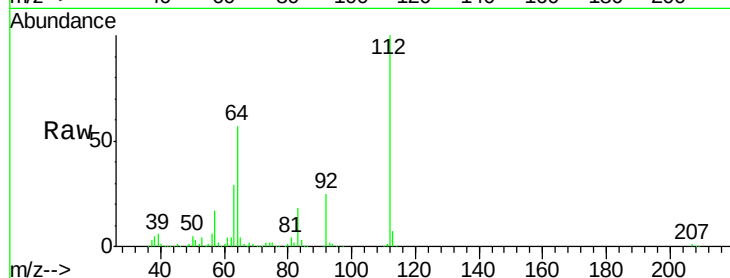
Tgt Ion: 112 Resp: 310345

Ion Ratio Lower Upper

112 100

64 57.1 38.6 57.8

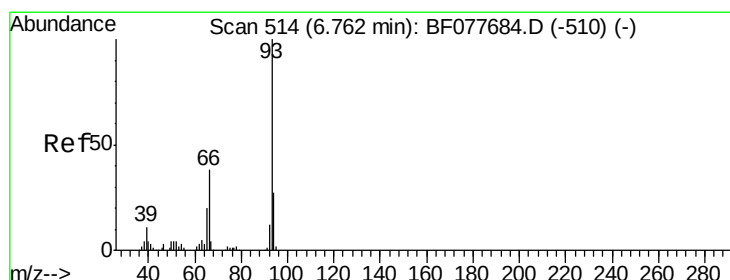
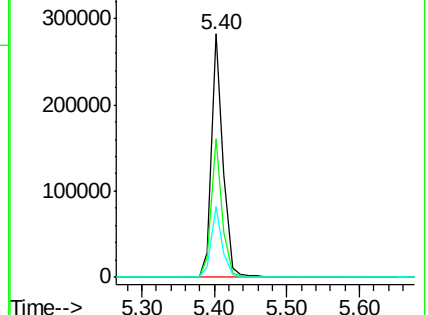
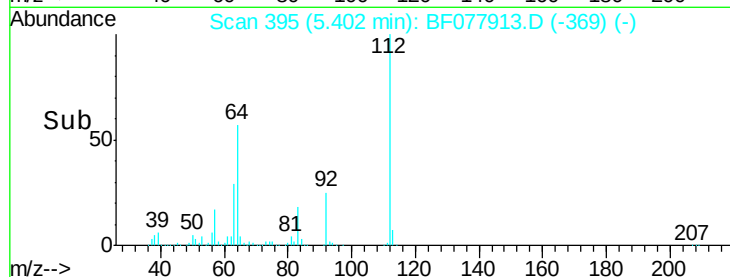
63 29.3 19.3 28.9#



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: 15.80 ng

RT: 6.70 min Scan# 509

Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

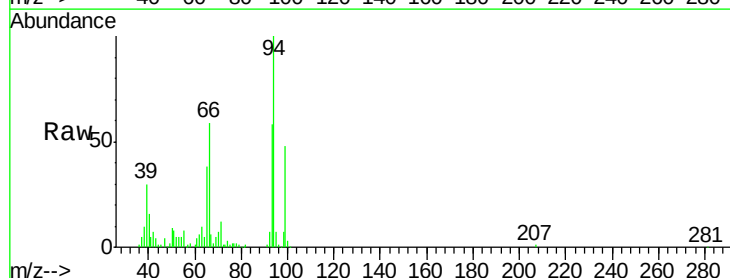
Tgt Ion: 93 Resp: 67317

Ion Ratio Lower Upper

93 100

66 101.0 30.8 46.2#

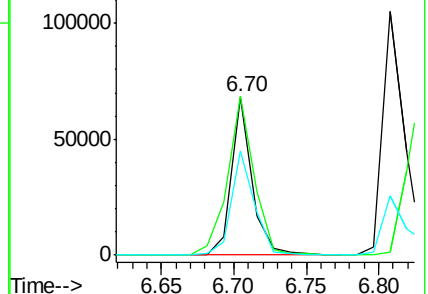
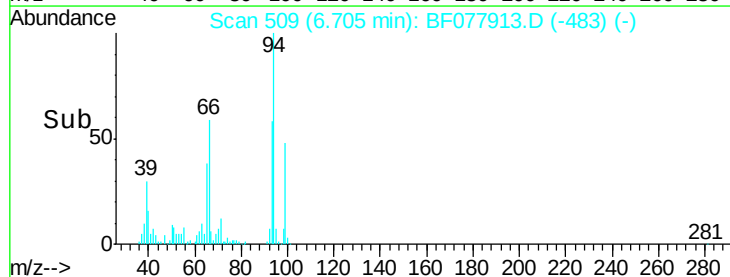
65 65.8 16.0 24.0#

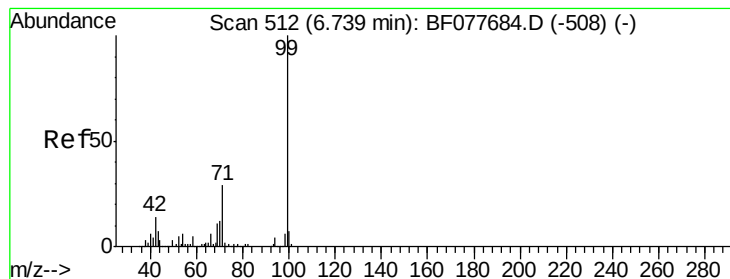


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 130.39 ng

RT: 6.69 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

Instrument :

BNA_F

ClientSampleId :

PB82277BSD

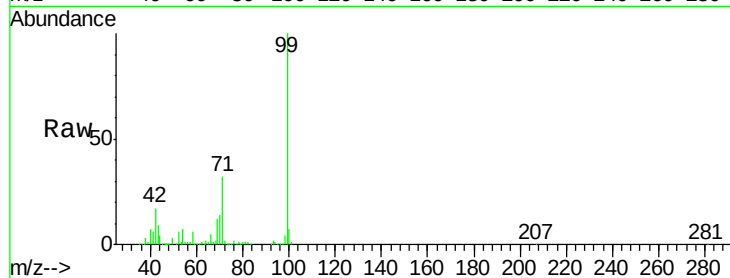
Tgt Ion: 99 Resp: 388274

Ion Ratio Lower Upper

99 100

42 16.9 11.0 16.4#

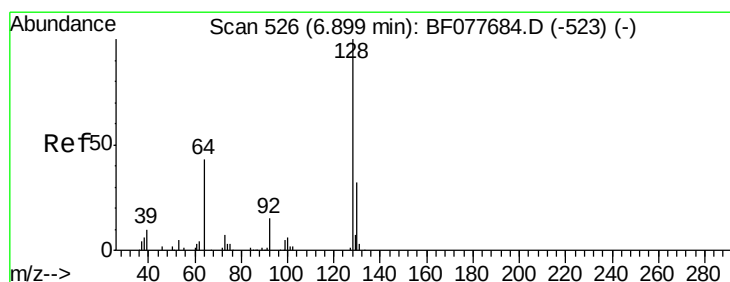
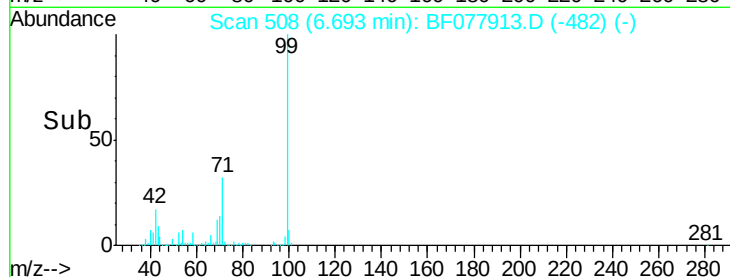
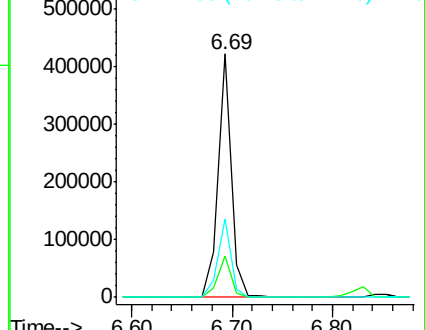
71 32.1 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.77 ng

RT: 6.85 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

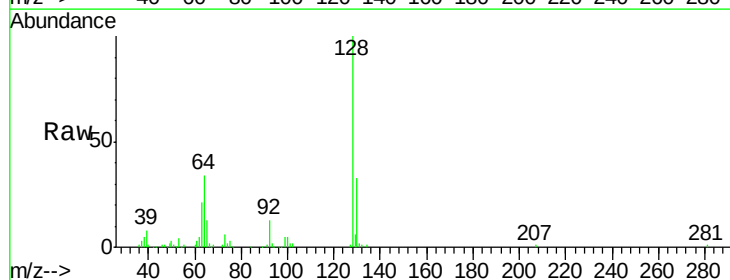
Tgt Ion:128 Resp: 119829

Ion Ratio Lower Upper

128 100

130 33.3 12.0 52.0

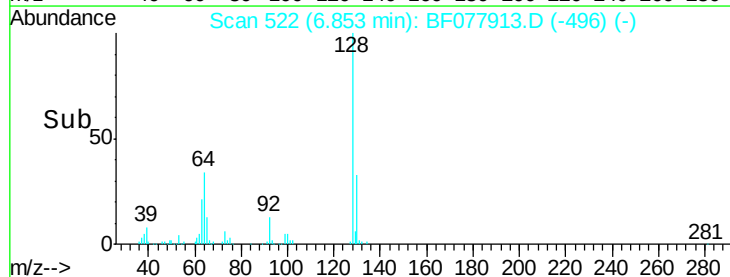
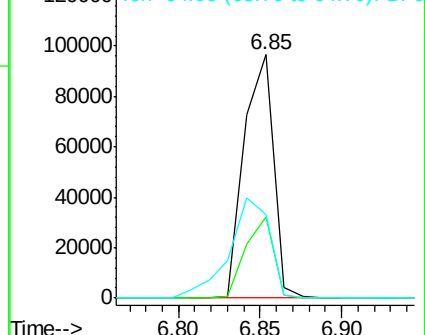
64 34.2 24.9 64.9

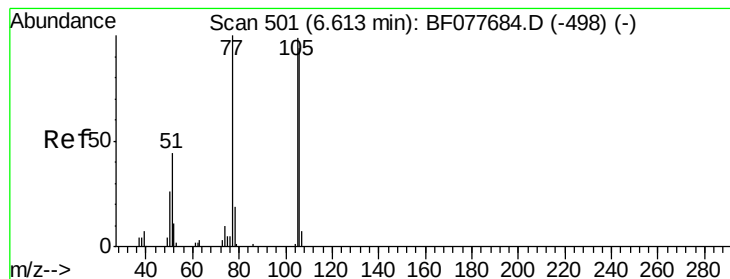


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 4.54 ng

RT: 6.57 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

Instrument :

BNA_F

ClientSampleId :

PB82277BSD

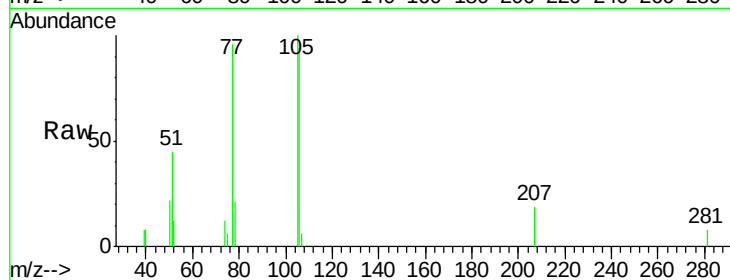
Tgt Ion: 77 Resp: 5539

Ion Ratio Lower Upper

77 100

105 104.1 78.8 118.8

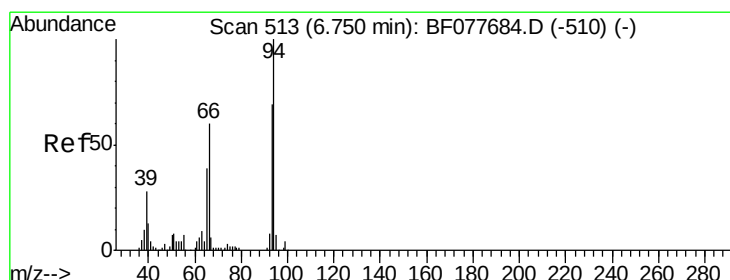
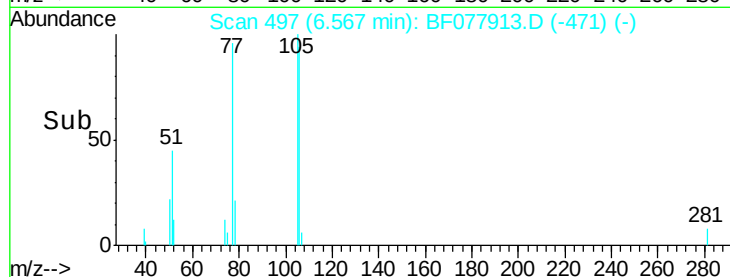
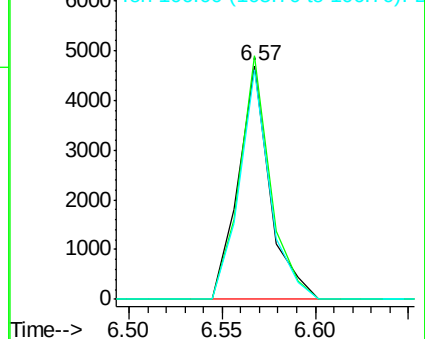
106 98.4 73.7 113.7



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: 39.51 ng

RT: 6.70 min Scan# 509

Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

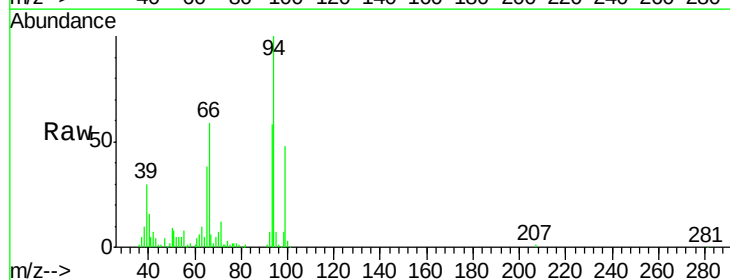
Tgt Ion: 94 Resp: 139073

Ion Ratio Lower Upper

94 100

65 38.3 18.8 58.8

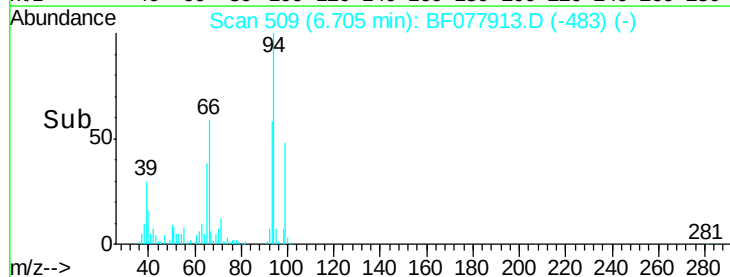
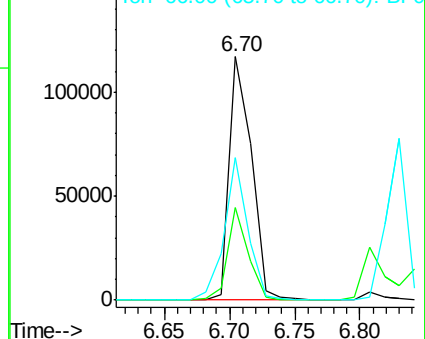
66 58.8 39.9 79.9

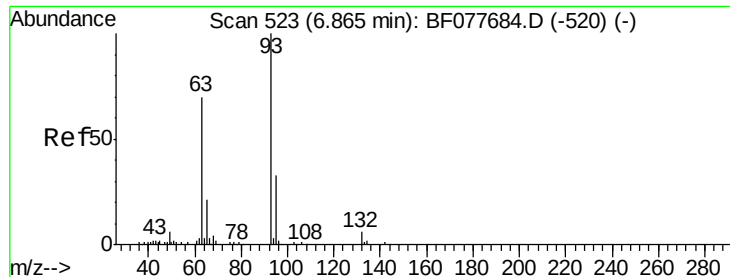


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

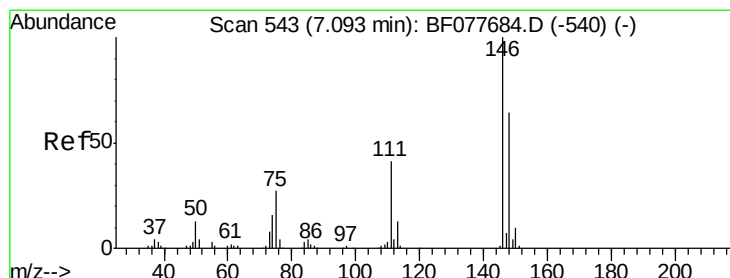
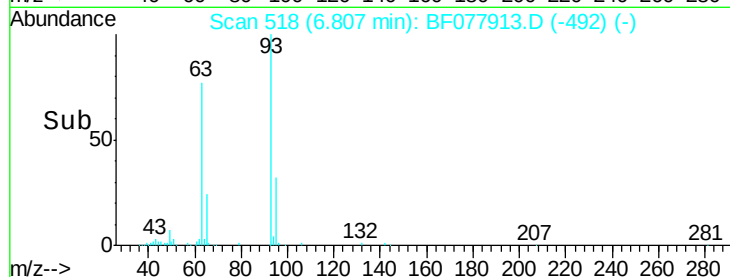
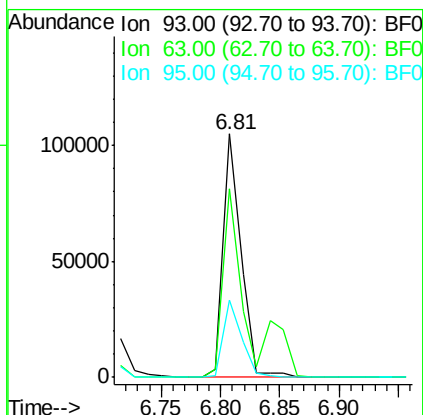
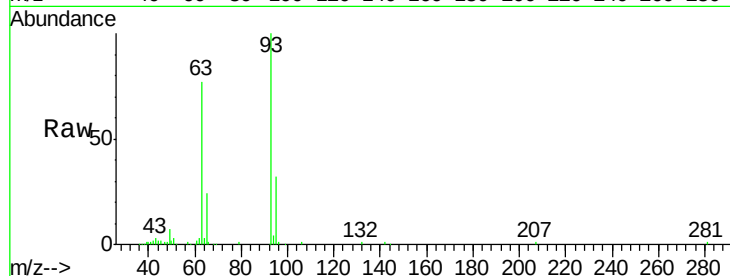




#11
bis(2-Chloroethyl)ether
Concen: 41.49 ng
RT: 6.81 min Scan# 518
Delta R.T. 0.00 min
Lab File: BF077913.D
Acq: 24 Mar 2015 16:01

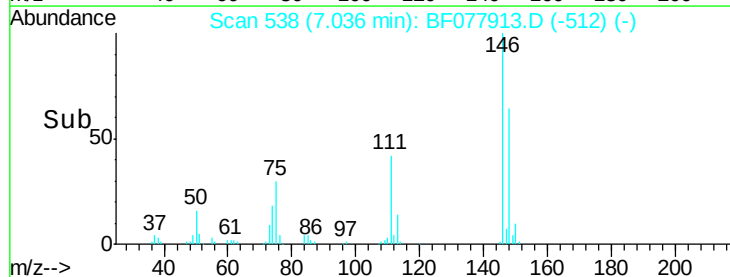
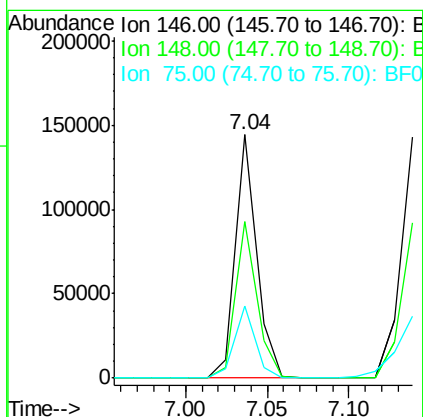
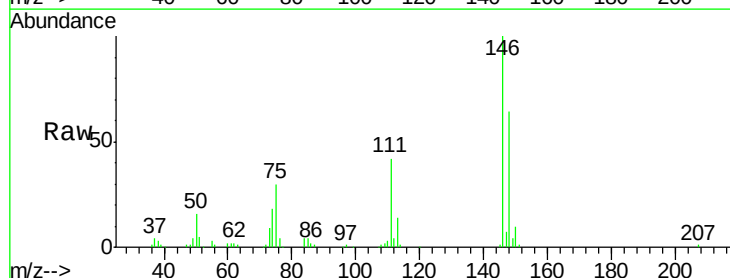
Instrument :
BNA_F
ClientSampleId :
PB82277BSD

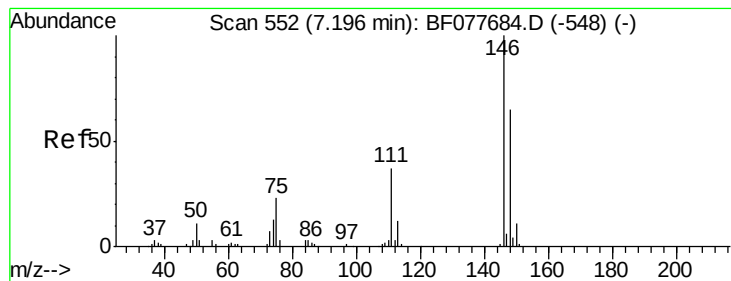
Tgt Ion: 93 Resp: 109392
Ion Ratio Lower Upper
93 100
63 77.4 49.5 89.5
95 31.7 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 40.53 ng
RT: 7.04 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF077913.D
Acq: 24 Mar 2015 16:01

Tgt Ion: 146 Resp: 129316
Ion Ratio Lower Upper
146 100
148 64.2 50.9 76.3
75 29.6 21.4 32.2





#13

1,4-Dichlorobenzene

Concen: 39.32 ng

RT: 7.14 min Scan# 547

Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

Instrument :

BNA_F

ClientSampleId :

PB82277BSD

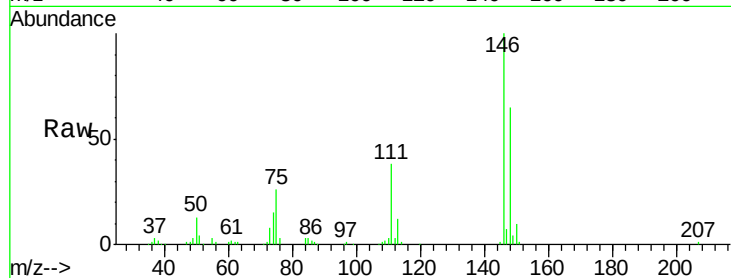
Tgt Ion:146 Resp: 130376

Ion Ratio Lower Upper

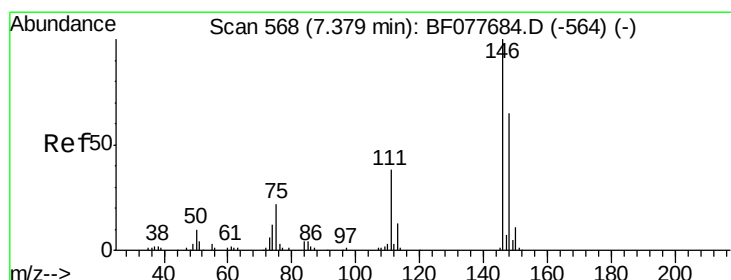
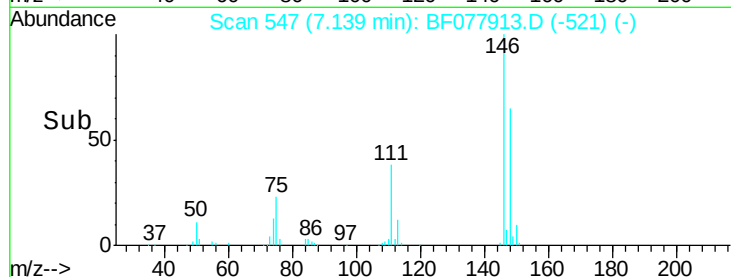
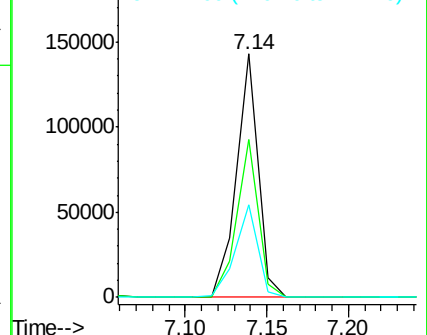
146 100

148 64.6 51.9 77.9

111 38.0 29.2 43.8



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



#14

1,2-Dichlorobenzene

Concen: 40.62 ng

RT: 7.32 min Scan# 563

Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

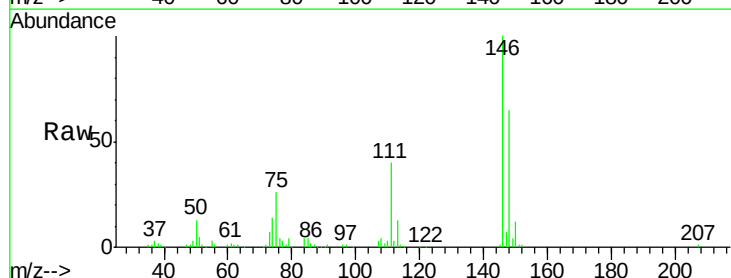
Tgt Ion:146 Resp: 123459

Ion Ratio Lower Upper

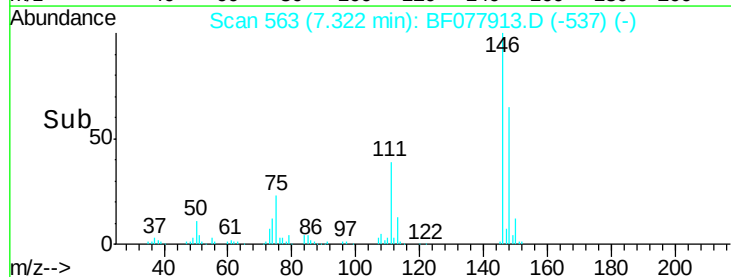
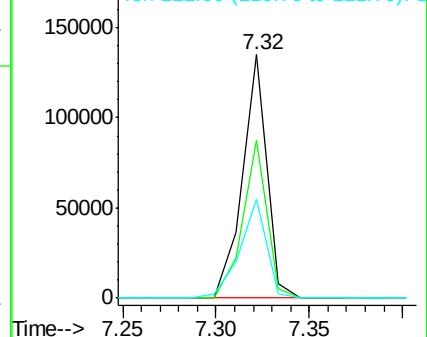
146 100

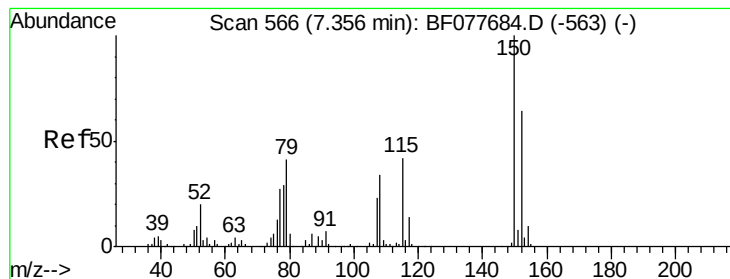
148 65.0 52.3 78.5

111 40.4 30.6 45.8



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





#15

Benzyl Alcohol

Concen: 39.12 ng

RT: 7.31 min Scan# 562

Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

Instrument :

BNA_F

ClientSampleId :

PB82277BSD

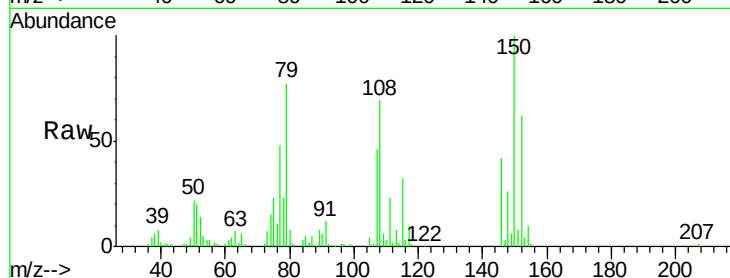
Tgt Ion: 79 Resp: 90936

Ion Ratio Lower Upper

79 100

108 90.6 65.0 97.4

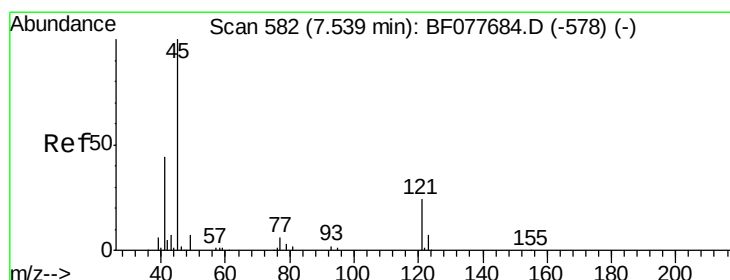
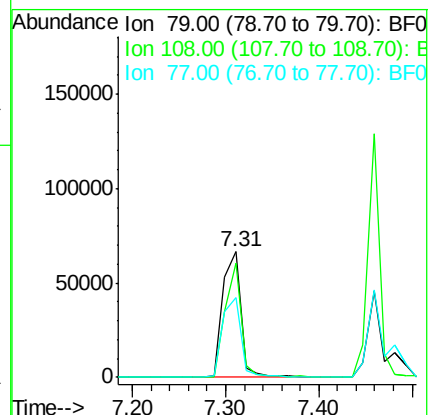
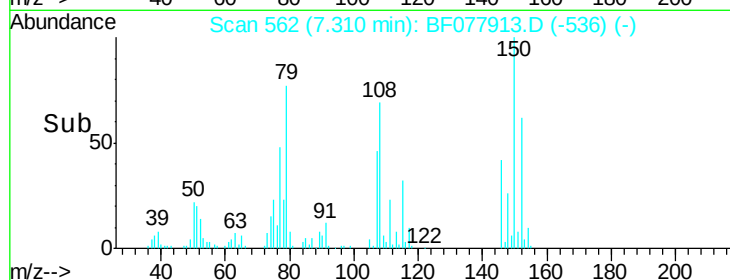
77 63.2 53.0 79.6



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: 42.27 ng

RT: 7.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

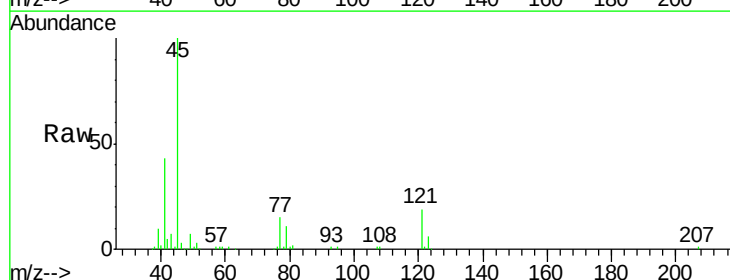
Tgt Ion: 45 Resp: 150192

Ion Ratio Lower Upper

45 100

77 14.6 0.0 35.2

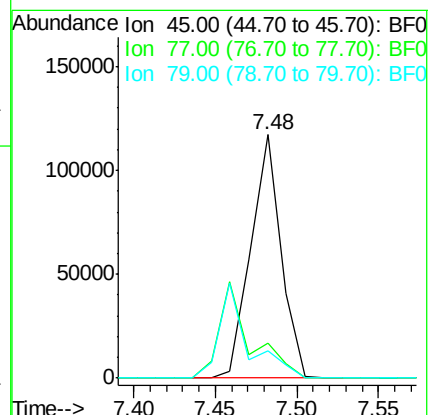
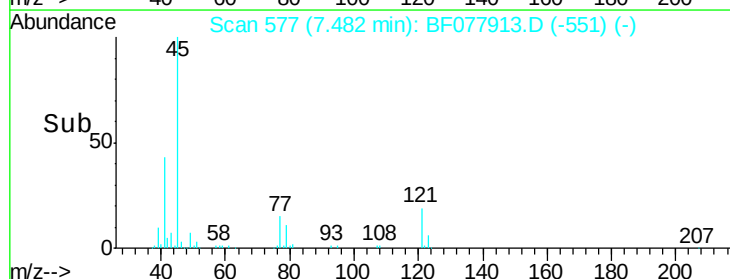
79 11.0 0.0 32.0

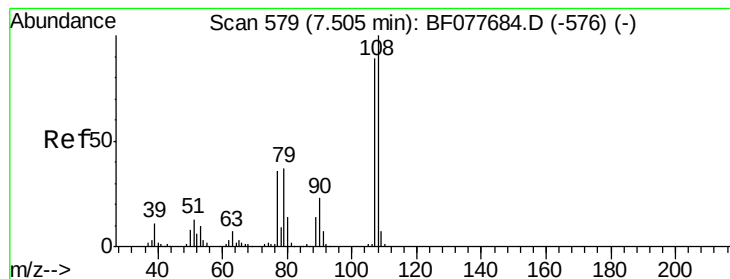


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 41.71 ng

RT: 7.46 min Scan# 575

Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

Instrument :

BNA_F

ClientSampleId :

PB82277BSD

Tgt Ion:107 Resp: 97403

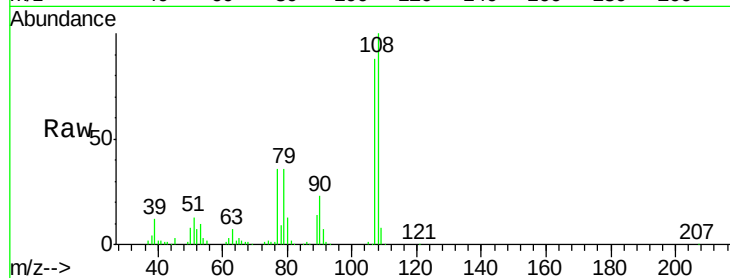
Ion Ratio Lower Upper

107 100

108 113.4 89.8 134.8

77 40.8 32.6 48.8

79 40.3 32.8 49.2

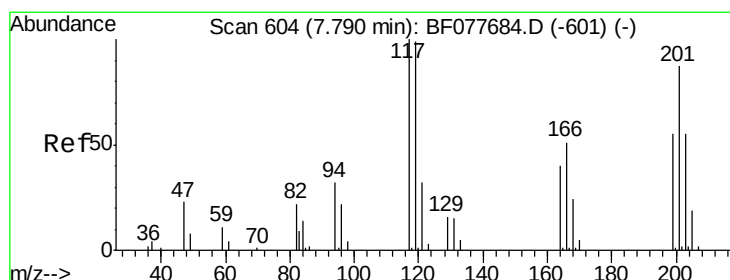
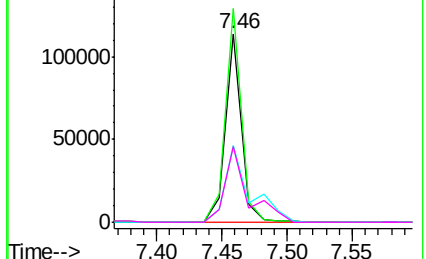
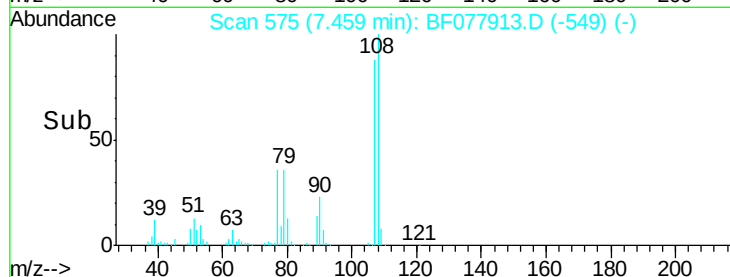


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 41.23 ng

RT: 7.73 min Scan# 599

Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

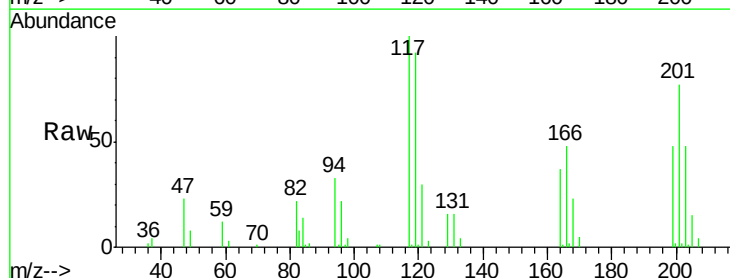
Tgt Ion:117 Resp: 44830

Ion Ratio Lower Upper

117 100

119 92.4 79.2 118.8

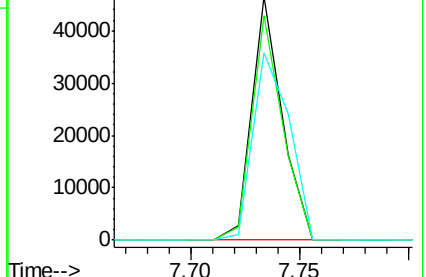
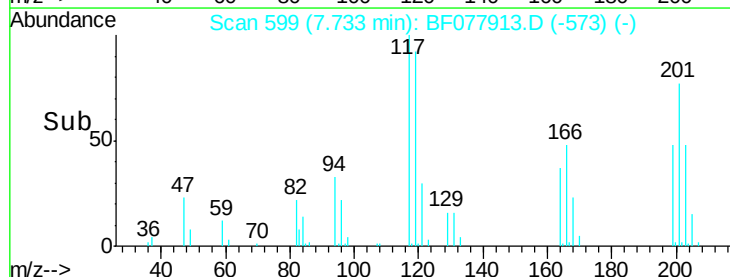
201 77.1 69.8 104.6

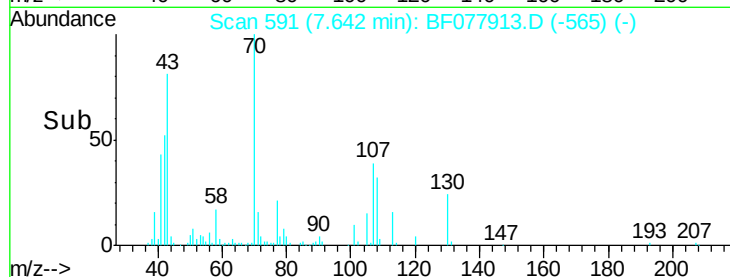
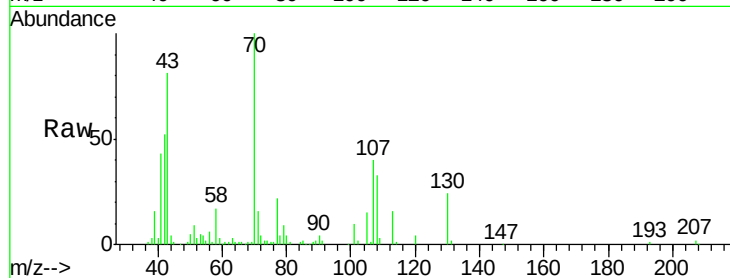
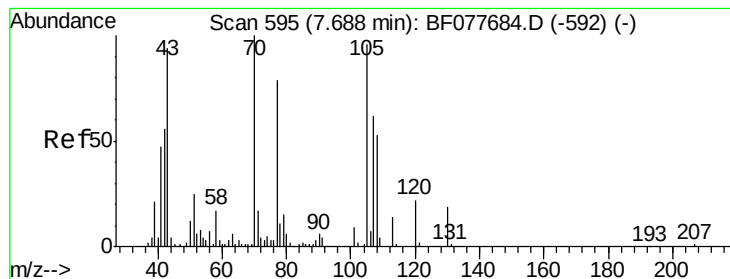


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 40.22 ng

RT: 7.64 min Scan# 591

Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

Instrument :

BNA_F

ClientSampleId :

PB82277BSD

Tgt Ion: 70 Resp: 82849

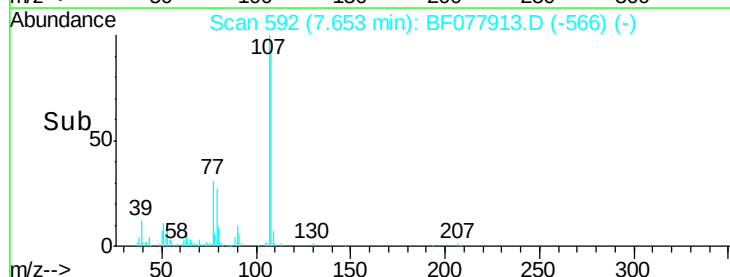
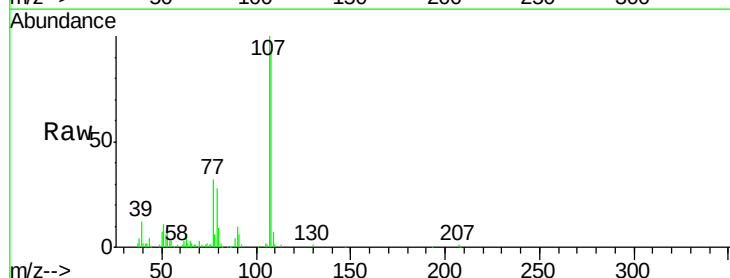
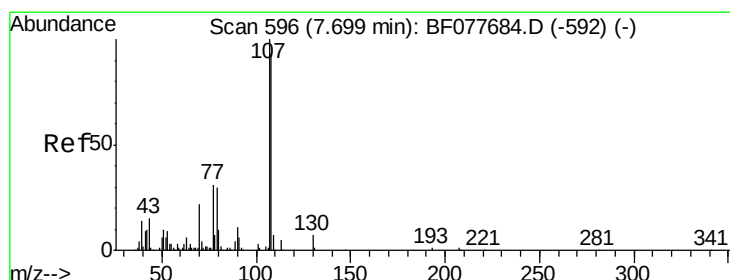
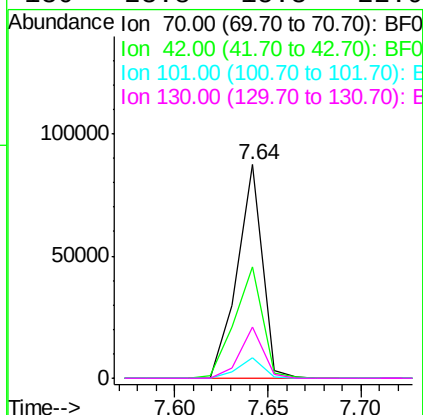
Ion Ratio Lower Upper

70 100

42 52.1 44.5 66.7

101 9.8 7.4 11.2

130 23.8 15.3 22.9#



#20

3+4-Methylphenols

Concen: 40.38 ng

RT: 7.65 min Scan# 592

Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

Tgt Ion: 107 Resp: 123760

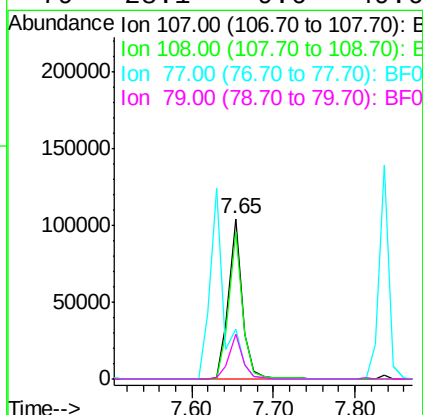
Ion Ratio Lower Upper

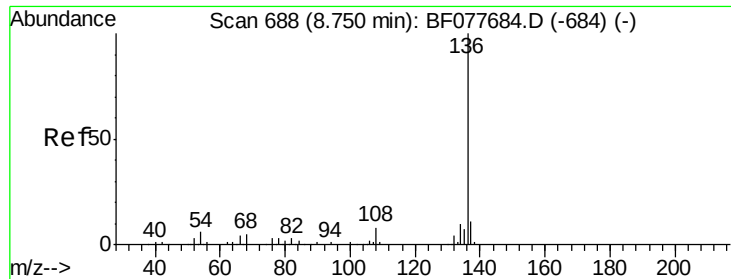
107 100

108 91.8 73.2 113.2

77 31.6 10.7 50.7

79 28.1 9.6 49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.69 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

Instrument :

BNA_F

ClientSampleId :

PB82277BSD

Tgt Ion:136 Resp: 168116

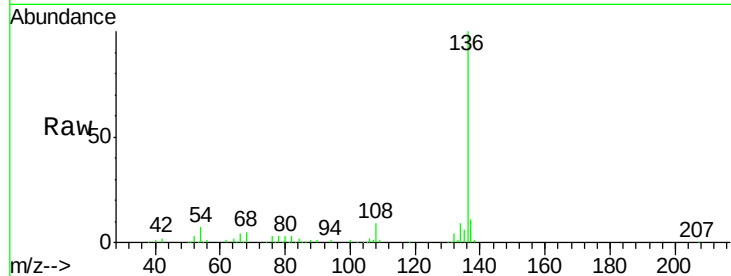
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 6.8 4.6 6.8

68 5.4 3.7 5.5

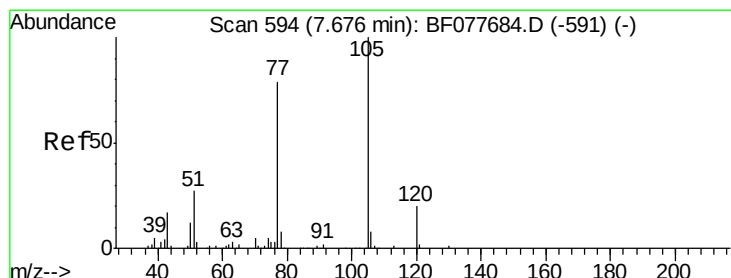
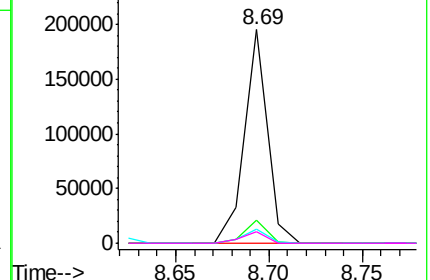
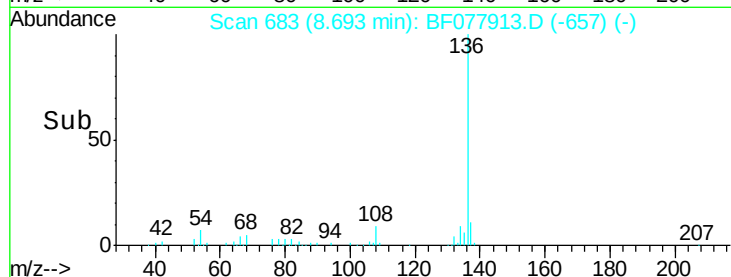


Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.19 ng

RT: 7.63 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

Tgt Ion:105 Resp: 164480

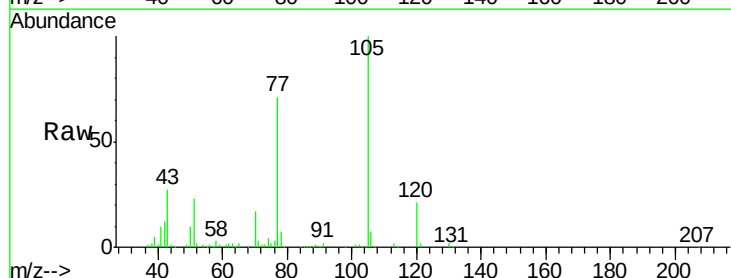
Ion Ratio Lower Upper

105 100

71 3.0 0.6 1.0#

51 23.3 21.6 32.4

120 21.1 16.1 24.1

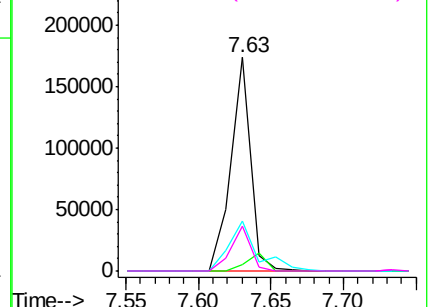
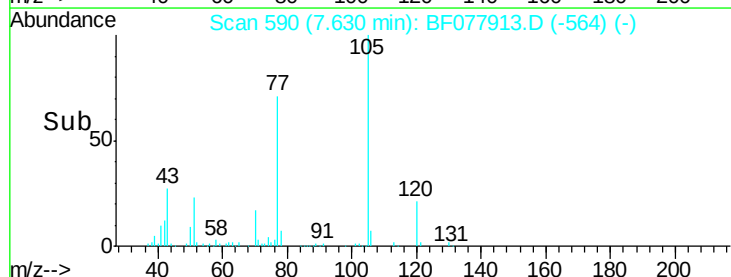


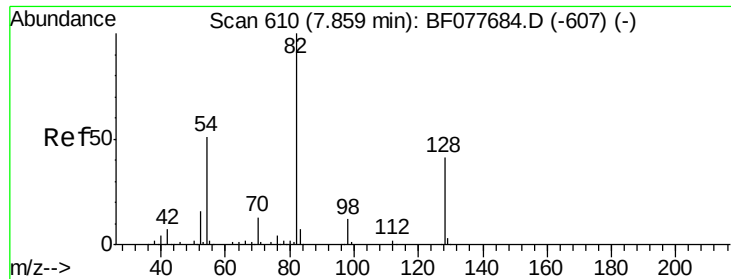
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

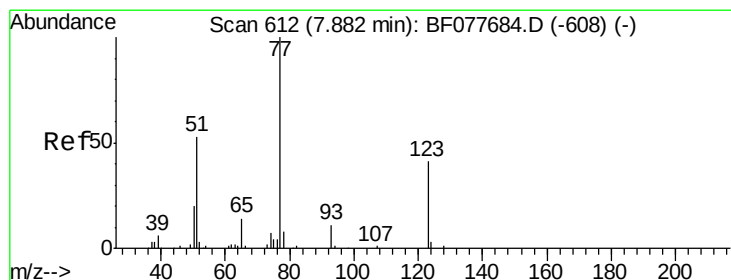
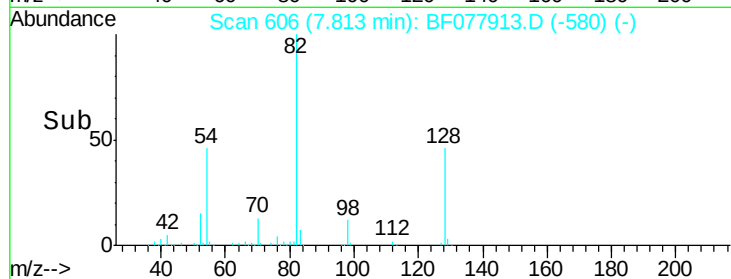
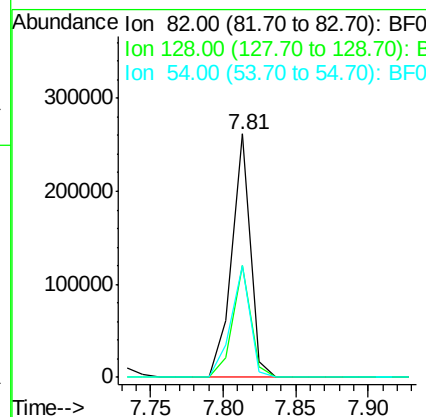
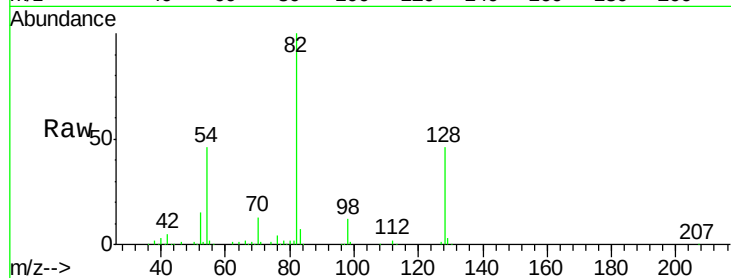




#23
 Nitrobenzene-d5
 Concen: 91.18 ng
 RT: 7.81 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: BF077913.D
 Acq: 24 Mar 2015 16:01

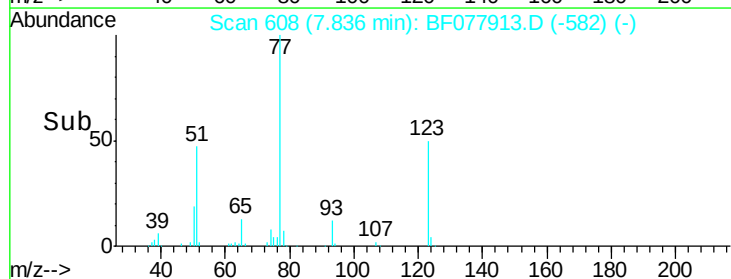
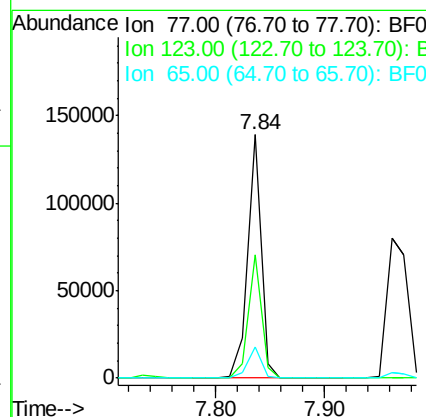
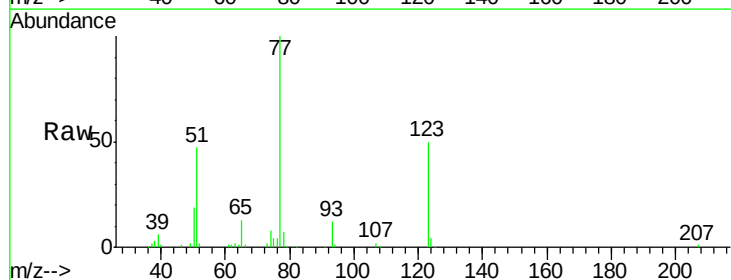
Instrument :
 BNA_F
 ClientSampleId :
 PB82277BSD

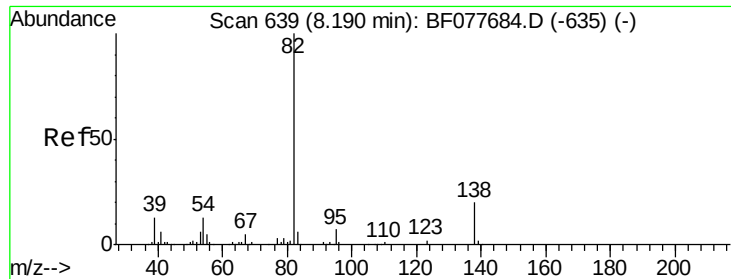
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.7	32.8	49.2
54	46.0	40.6	60.8



#24
 Nitrobenzene
 Concen: 42.95 ng
 RT: 7.84 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: BF077913.D
 Acq: 24 Mar 2015 16:01

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.4	32.6	49.0#
65	12.8	10.9	16.3

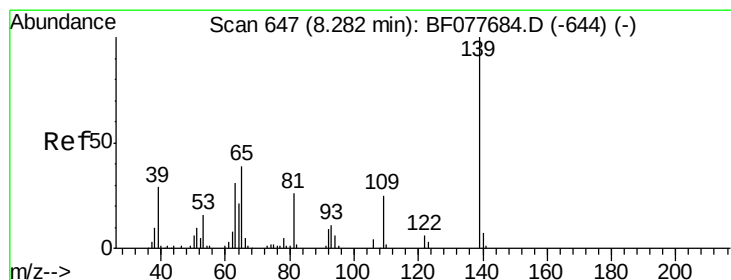
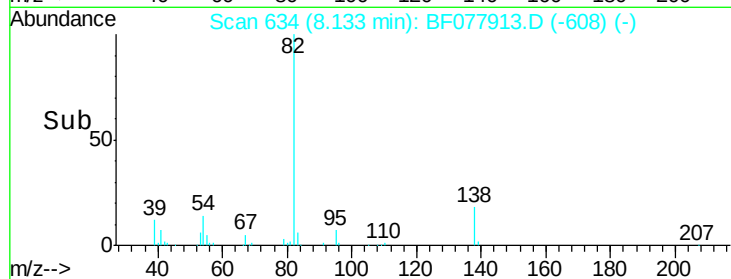
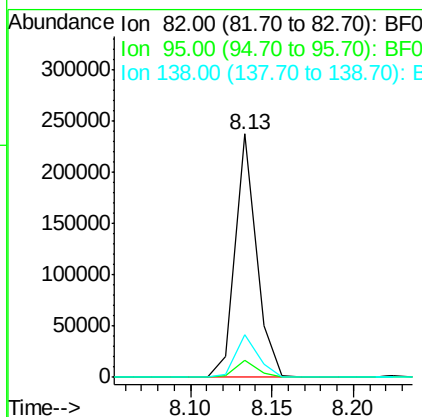
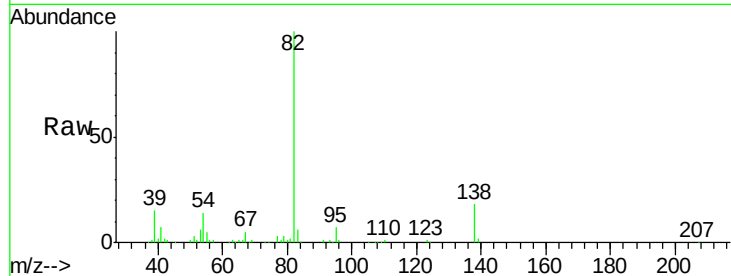




#25
Isophorone
Concen: 41.17 ng
RT: 8.13 min Scan# 634
Delta R.T. 0.00 min
Lab File: BF077913.D
Acq: 24 Mar 2015 16:01

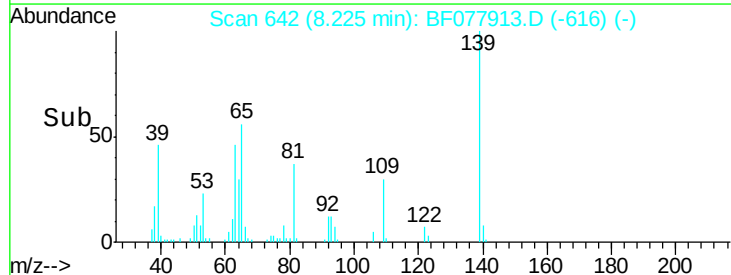
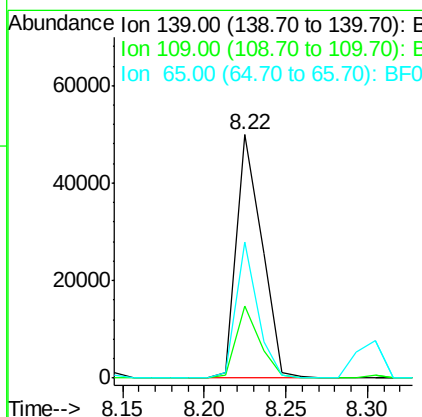
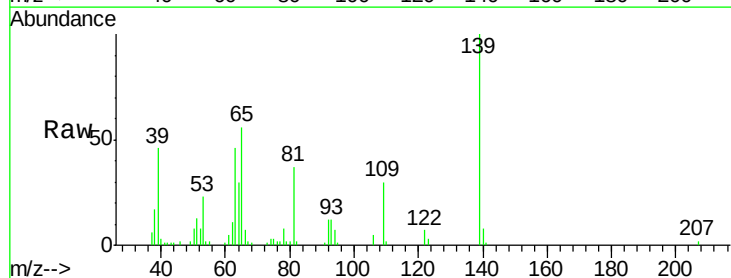
Instrument :
BNA_F
ClientSampleId :
PB82277BSD

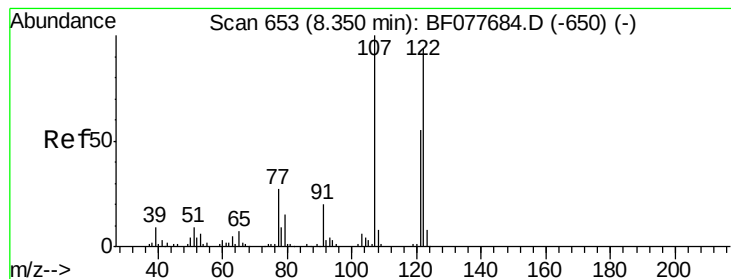
Tgt Ion: 82 Resp: 213247
Ion Ratio Lower Upper
82 100
95 6.9 5.8 8.6
138 17.6 16.3 24.5



#26
2-Nitrophenol
Concen: 39.66 ng
RT: 8.22 min Scan# 642
Delta R.T. 0.00 min
Lab File: BF077913.D
Acq: 24 Mar 2015 16:01

Tgt Ion: 139 Resp: 53644
Ion Ratio Lower Upper
139 100
109 29.7 20.1 30.1
65 55.7 31.5 47.3#

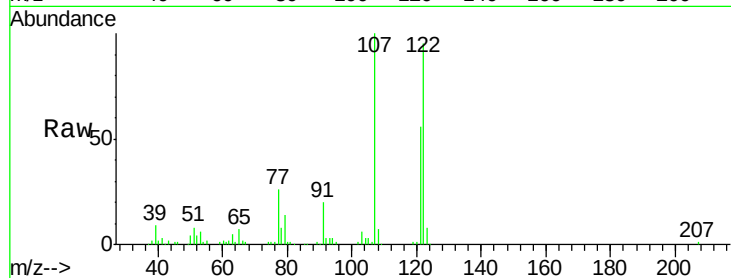




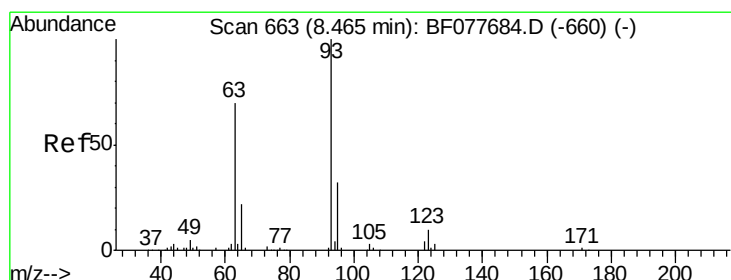
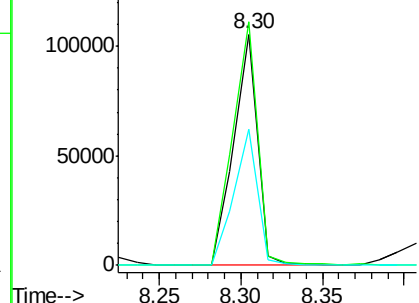
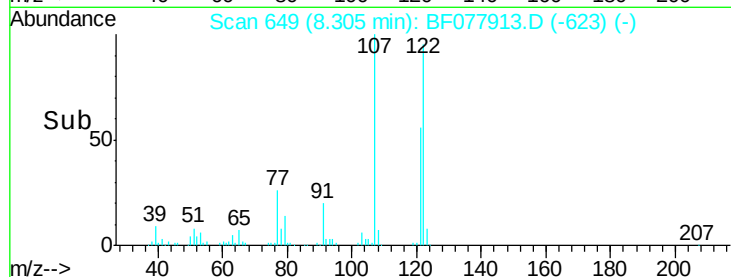
#27
 2,4-Dimethylphenol
 Concen: 42.99 ng
 RT: 8.30 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF077913.D
 Acq: 24 Mar 2015 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB82277BSD

Tgt Ion	Ratio	Lower	Upper
122	100		
107	105.5	84.7	127.1
121	58.8	46.6	69.8

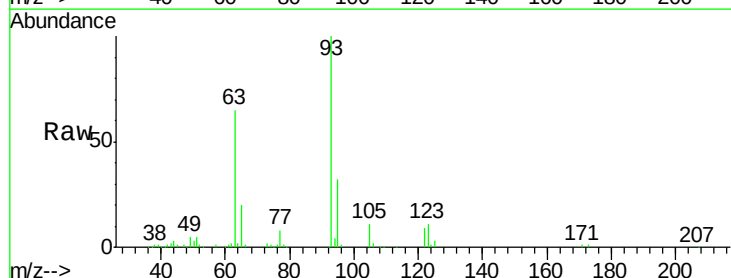


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

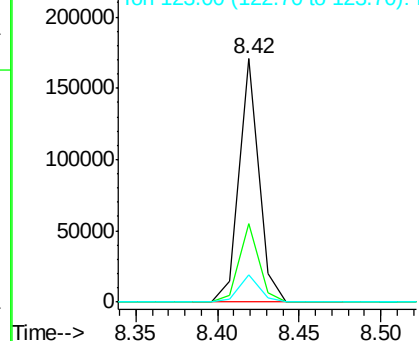
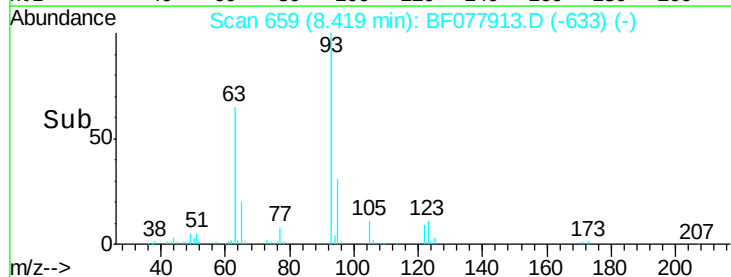


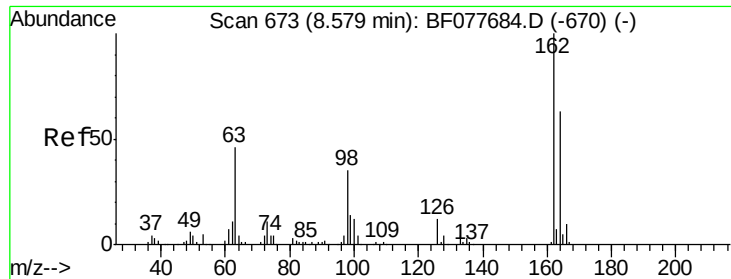
#28
 bis(2-Chloroethoxy)methane
 Concen: 44.92 ng
 RT: 8.42 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: BF077913.D
 Acq: 24 Mar 2015 16:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.5	38.3
123	11.1	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

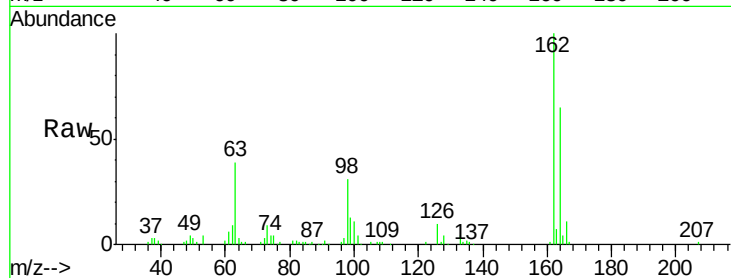




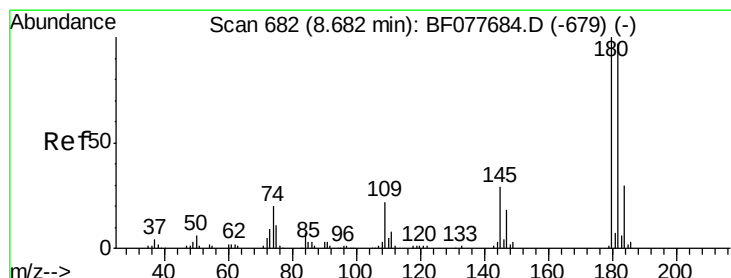
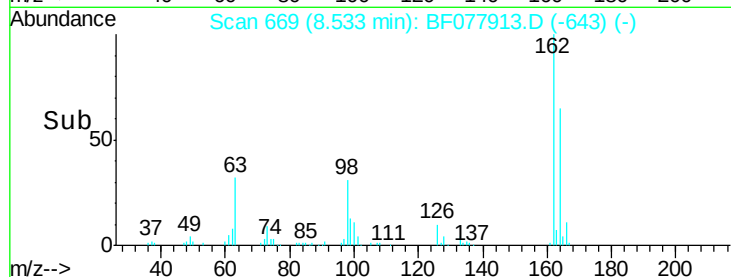
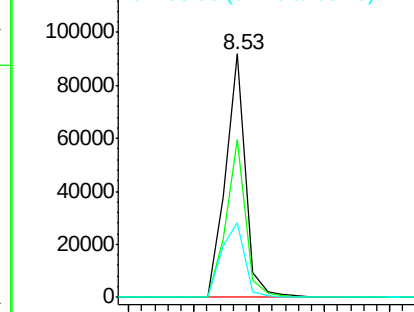
#29
2,4-Dichlorophenol
Concen: 41.82 ng
RT: 8.53 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF077913.D
Acq: 24 Mar 2015 16:01

Instrument :
BNA_F
ClientSampleId :
PB82277BSD

Tgt Ion:162 Resp: 98239
Ion Ratio Lower Upper
162 100
164 64.8 42.8 82.8
98 30.5 14.5 54.5

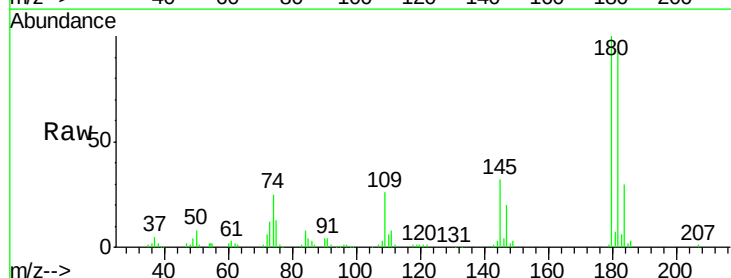


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

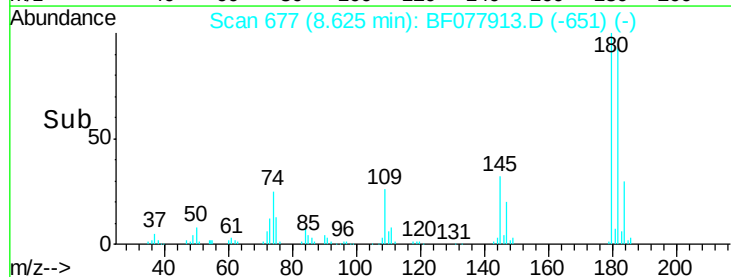
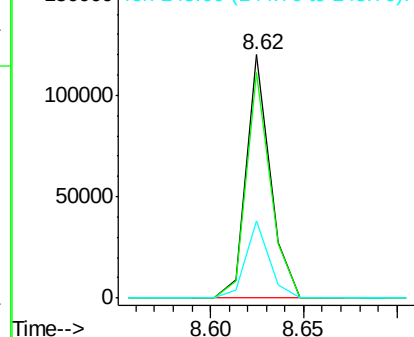


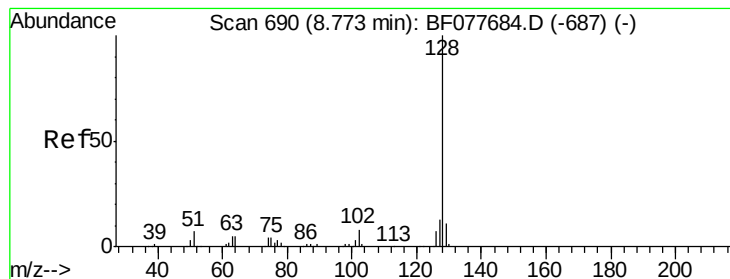
#30
1,2,4-Trichlorobenzene
Concen: 40.95 ng
RT: 8.62 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF077913.D
Acq: 24 Mar 2015 16:01

Tgt Ion:180 Resp: 107635
Ion Ratio Lower Upper
180 100
182 92.8 77.6 116.4
145 31.8 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: 40.76 ng

RT: 8.72 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

Instrument :

BNA_F

ClientSampleId :

PB82277BSD

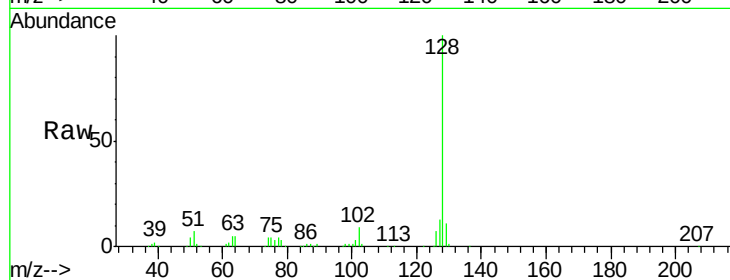
Tgt Ion:128 Resp: 351957

Ion Ratio Lower Upper

128 100

129 11.0 8.9 13.3

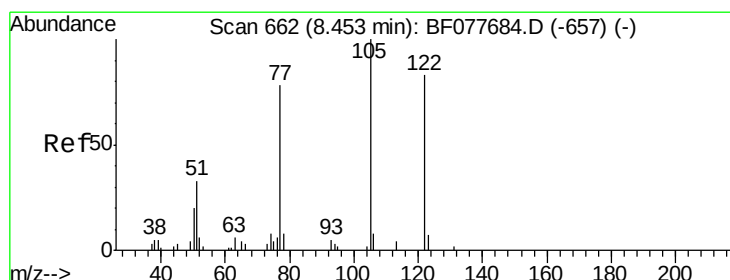
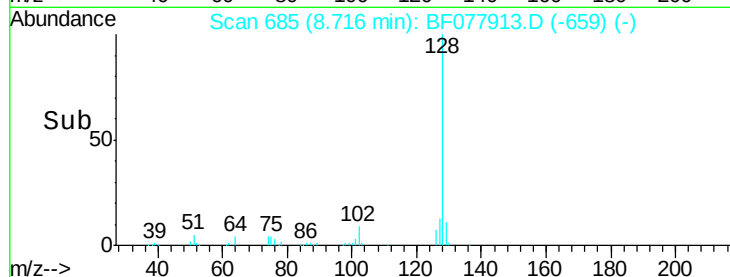
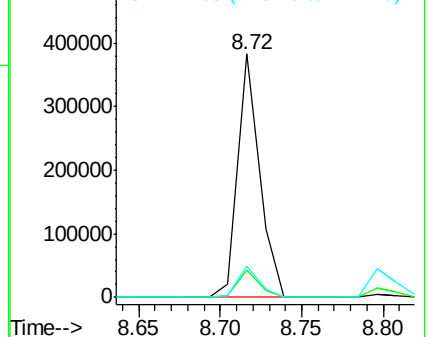
127 12.7 10.4 15.6



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: 29.19 ng

RT: 8.42 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

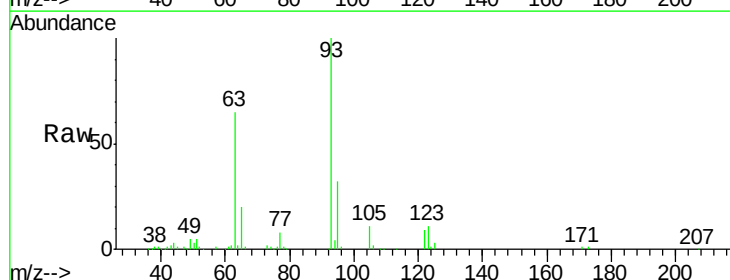
Tgt Ion:122 Resp: 38345

Ion Ratio Lower Upper

122 100

105 124.8 99.9 139.9

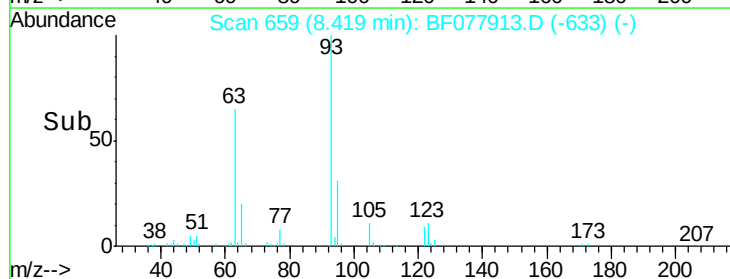
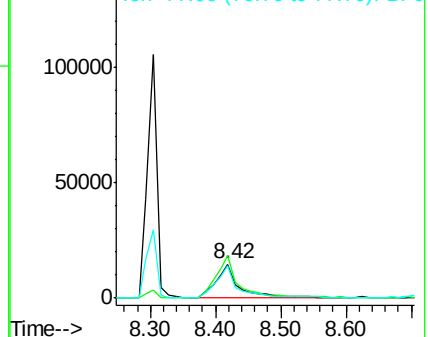
77 95.7 73.7 113.7

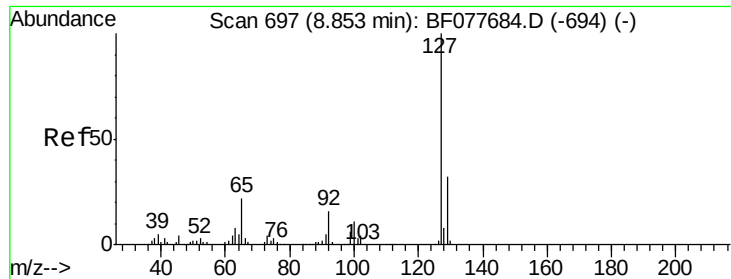


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

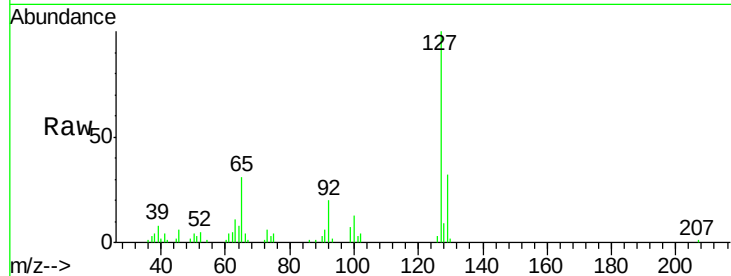




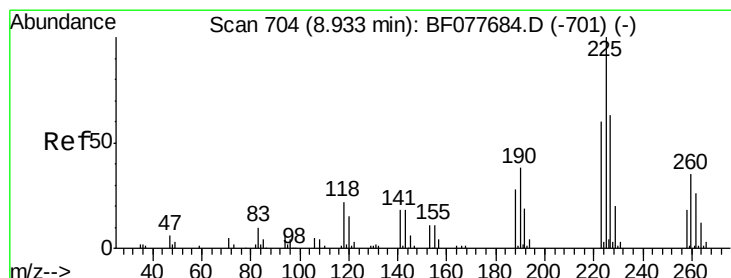
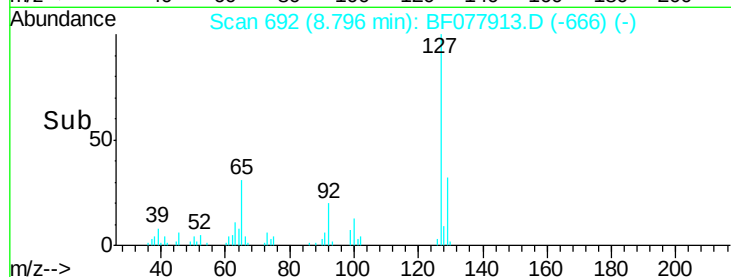
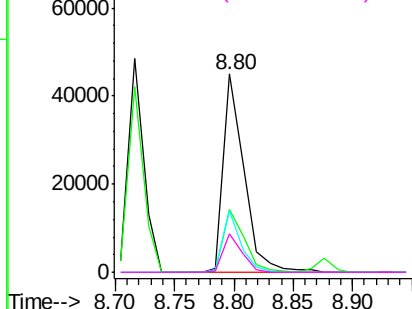
#33
 4-Chloroaniline
 Concen: 15.40 ng
 RT: 8.80 min Scan# 692
 Delta R.T. 0.00 min
 Lab File: BF077913.D
 Acq: 24 Mar 2015 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB82277BSD

Tgt Ion:	127	Resp:	53975
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.3	37.9
65	31.0	17.6	26.4
92	19.7	13.1	19.7

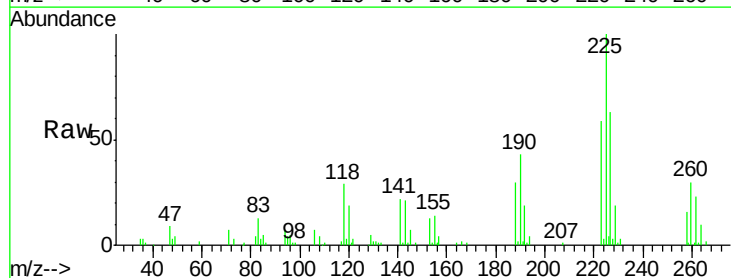


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

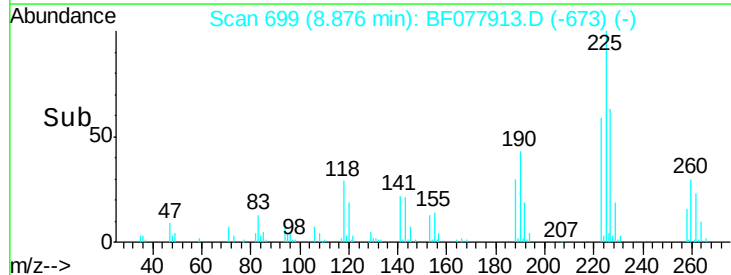
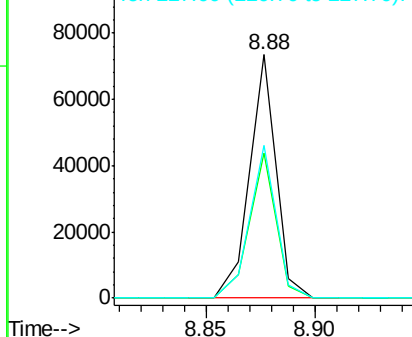


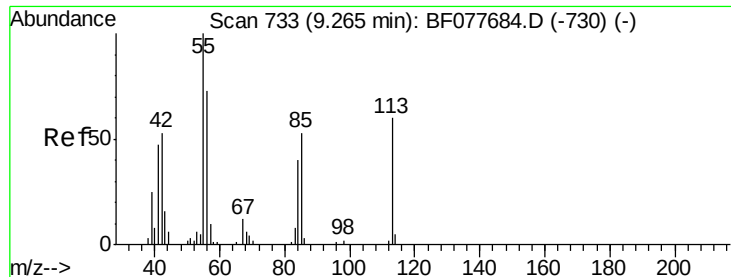
#34
 Hexachlorobutadiene
 Concen: 41.69 ng
 RT: 8.88 min Scan# 699
 Delta R.T. 0.00 min
 Lab File: BF077913.D
 Acq: 24 Mar 2015 16:01

Tgt Ion:	225	Resp:	62096
Ion	Ratio	Lower	Upper
225	100		
223	59.3	47.9	71.9
227	63.0	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

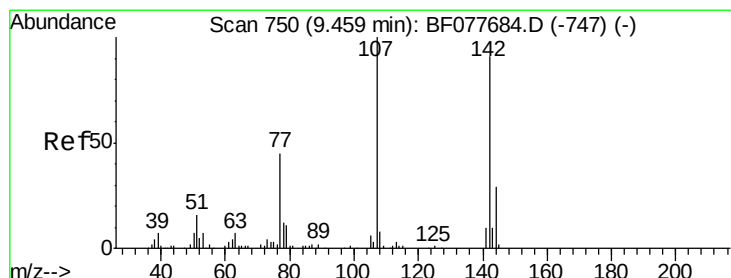
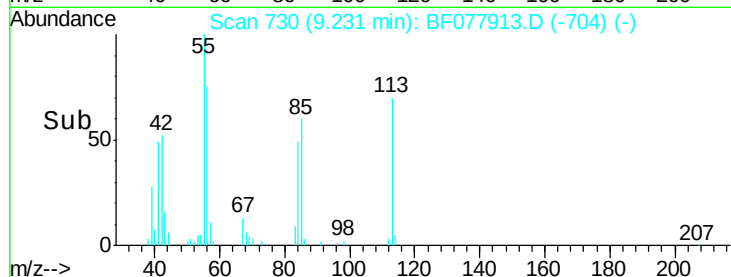
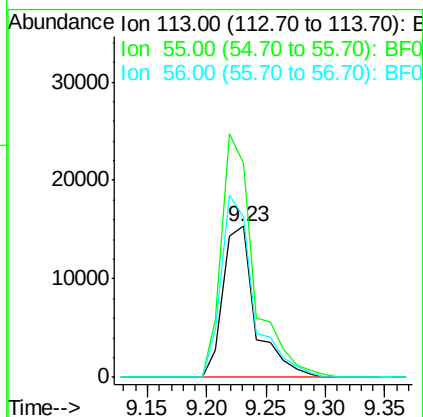
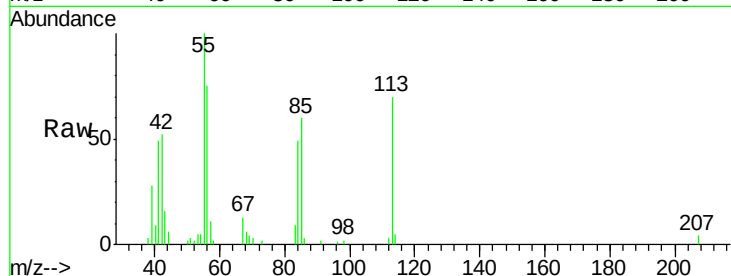




#35
 Caprolactam
 Concen: 42.57 ng
 RT: 9.23 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: BF077913.D
 Acq: 24 Mar 2015 16:01

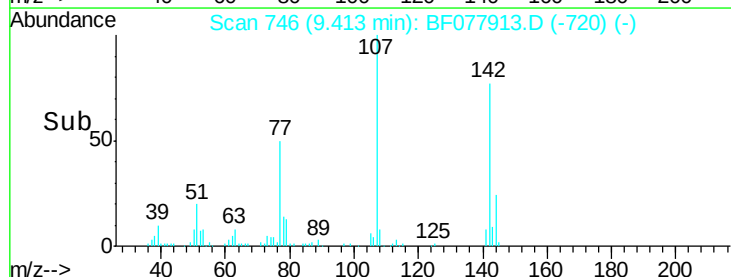
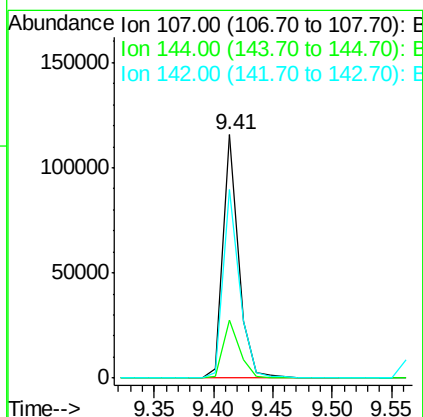
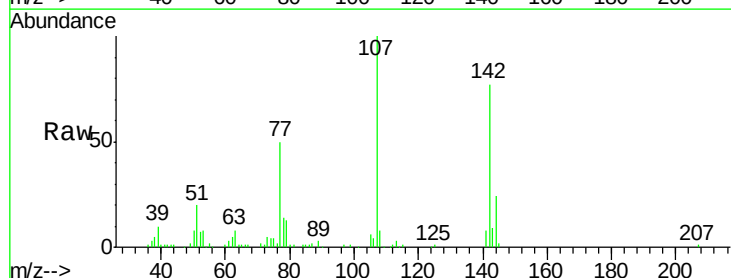
Instrument :
 BNA_F
 ClientSampleId :
 PB82277BSD

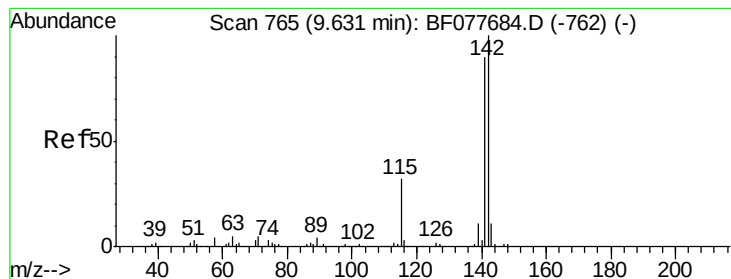
Tgt Ion:113 Resp: 29226
 Ion Ratio Lower Upper
 113 100
 55 142.0 145.9 185.9#
 56 106.3 101.0 141.0



#36
 4-Chloro-3-methylphenol
 Concen: 44.45 ng
 RT: 9.41 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: BF077913.D
 Acq: 24 Mar 2015 16:01

Tgt Ion:107 Resp: 105052
 Ion Ratio Lower Upper
 107 100
 144 24.1 23.3 34.9
 142 77.3 72.6 109.0

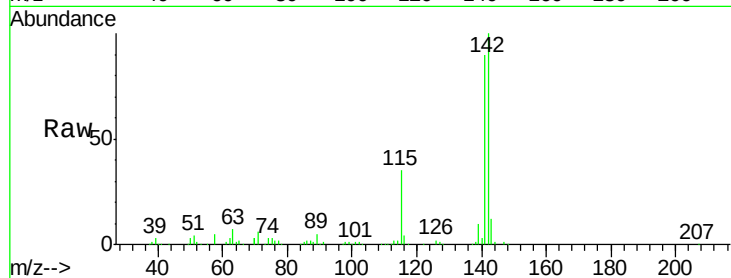




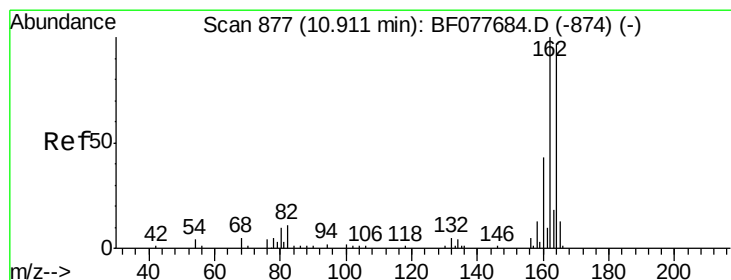
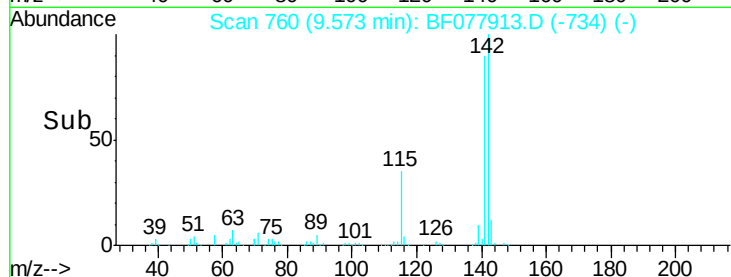
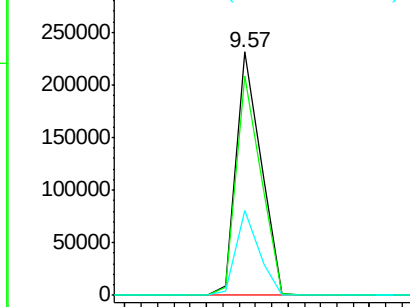
#37
 2-Methylnaphthalene
 Concen: 41.59 ng
 RT: 9.57 min Scan# 760
 Delta R.T. 0.00 min
 Lab File: BF077913.D
 Acq: 24 Mar 2015 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB82277BSD

Tgt Ion:142 Resp: 241227
 Ion Ratio Lower Upper
 142 100
 141 90.1 71.9 107.9
 115 34.7 25.4 38.0

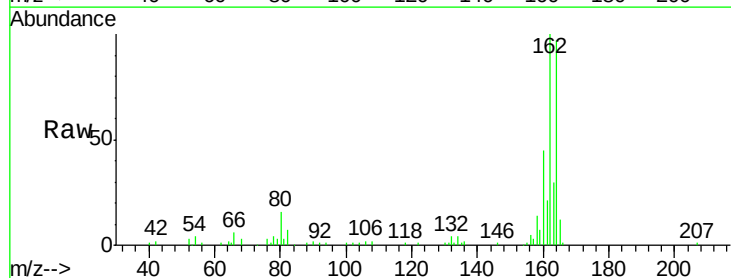


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

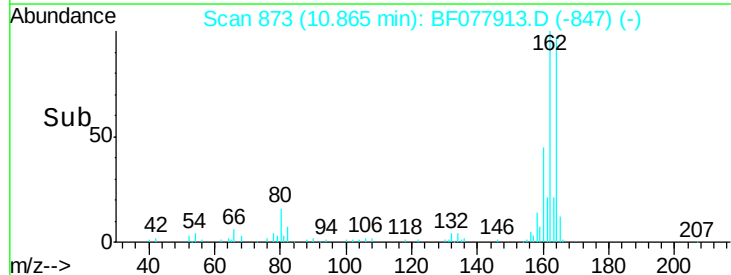
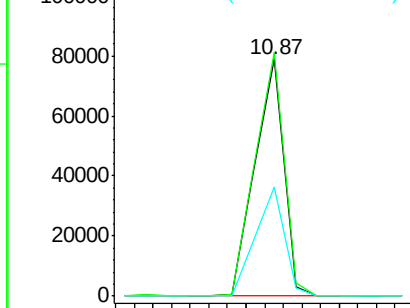


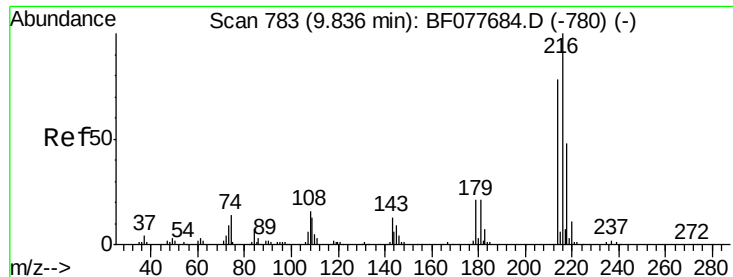
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.87 min Scan# 873
 Delta R.T. 0.00 min
 Lab File: BF077913.D
 Acq: 24 Mar 2015 16:01

Tgt Ion:164 Resp: 84129
 Ion Ratio Lower Upper
 164 100
 162 102.7 82.4 123.6
 160 46.2 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

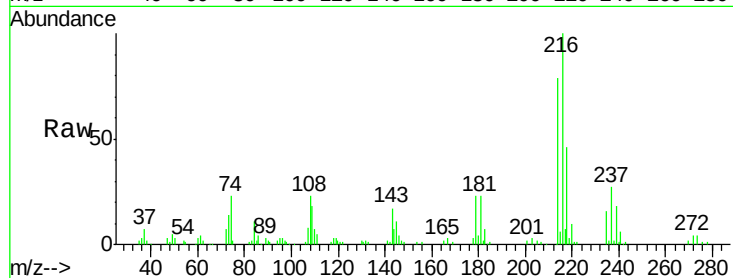




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.65 ng
 RT: 9.78 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: BF077913.D
 Acq: 24 Mar 2015 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB82277BSD

Tgt Ion:	216	Resp:	101996
Ion	Ratio	Lower	Upper
216	100		
214	77.9	0.0	0.0#
179	21.1	0.0	0.0#
108	22.0	0.0	0.0#

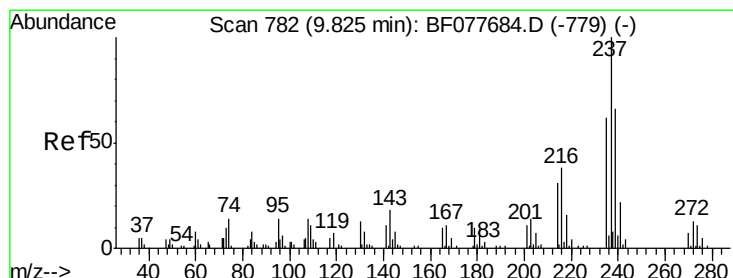
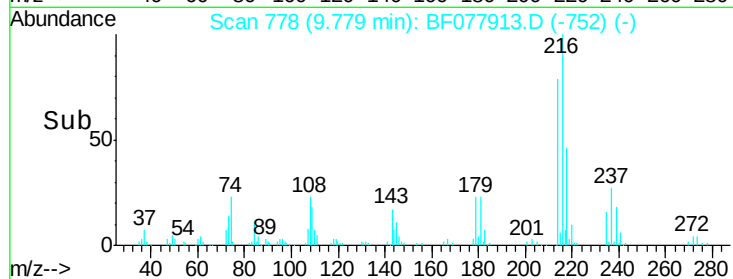
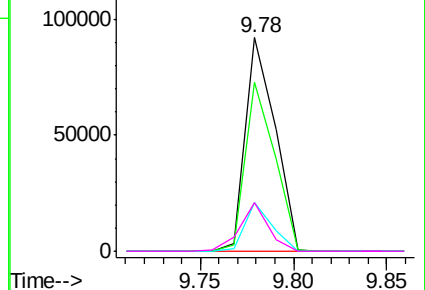


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

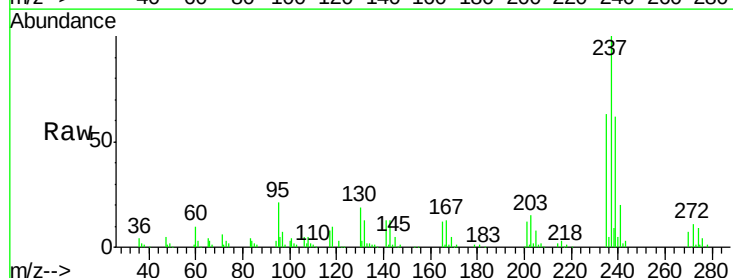
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 84.03 ng
 RT: 9.77 min Scan# 777
 Delta R.T. 0.00 min
 Lab File: BF077913.D
 Acq: 24 Mar 2015 16:01

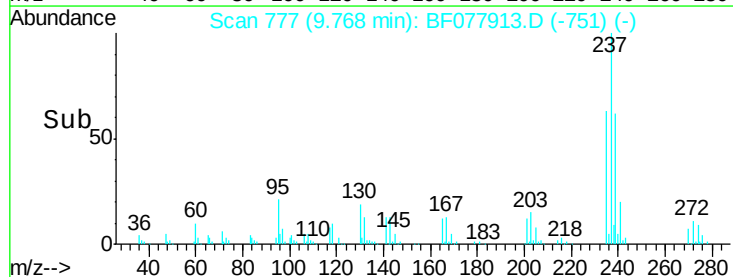
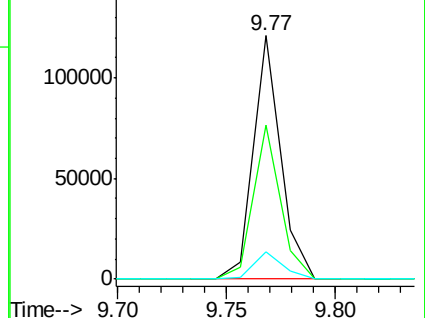
Tgt Ion:	237	Resp:	105764
Ion	Ratio	Lower	Upper
237	100		
235	63.0	42.0	82.0
272	11.5	0.0	33.4

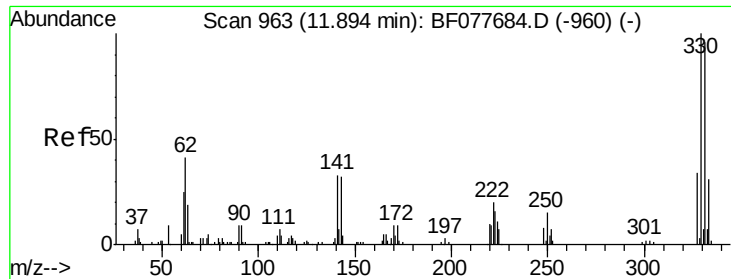


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

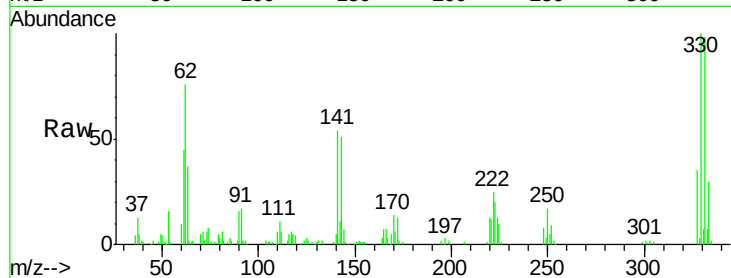




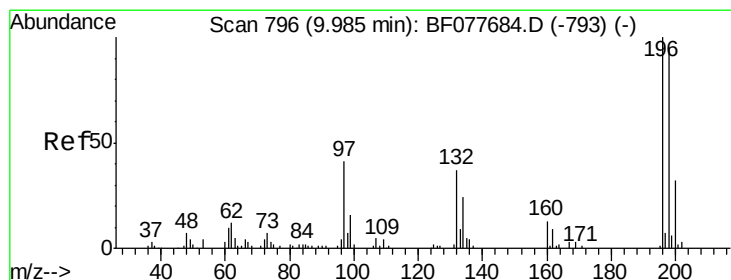
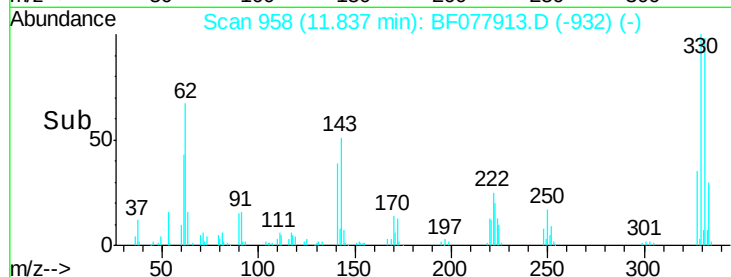
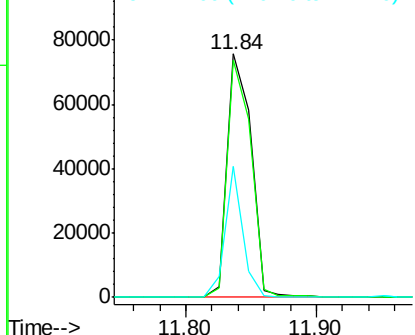
#41
 2,4,6-Tribromophenol
 Concen: 119.93 ng
 RT: 11.84 min Scan# 958
 Delta R.T. 0.00 min
 Lab File: BF077913.D
 Acq: 24 Mar 2015 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB82277BSD

Tgt Ion:330 Resp: 96533
 Ion Ratio Lower Upper
 330 100
 332 96.6 0.0 0.0#
 141 39.8 0.0 0.0#

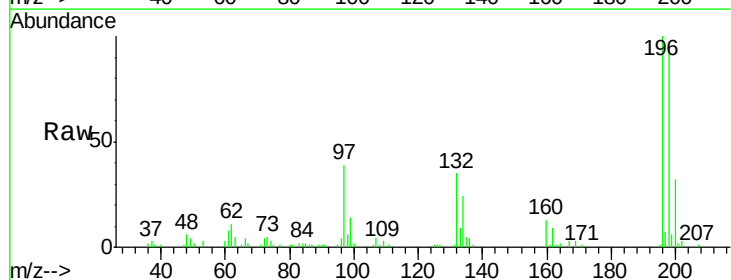


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

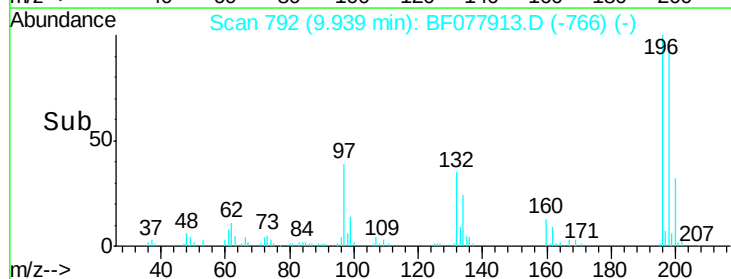
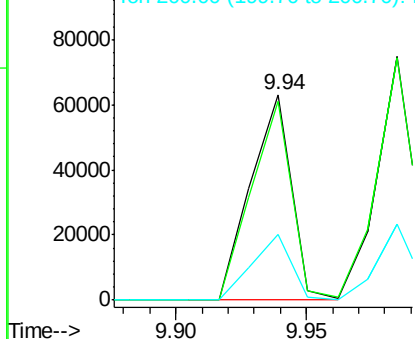


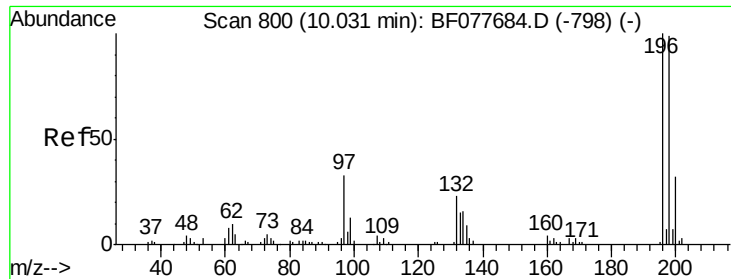
#42
 2,4,6-Trichlorophenol
 Concen: 40.01 ng
 RT: 9.94 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF077913.D
 Acq: 24 Mar 2015 16:01

Tgt Ion:196 Resp: 69548
 Ion Ratio Lower Upper
 196 100
 198 96.6 76.3 114.5
 200 32.0 25.6 38.4



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

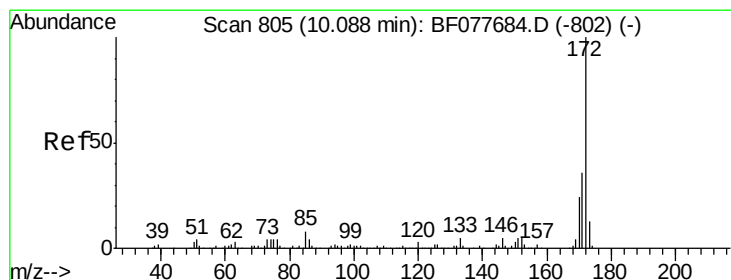
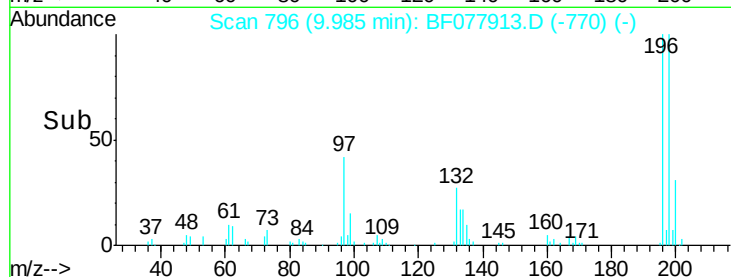
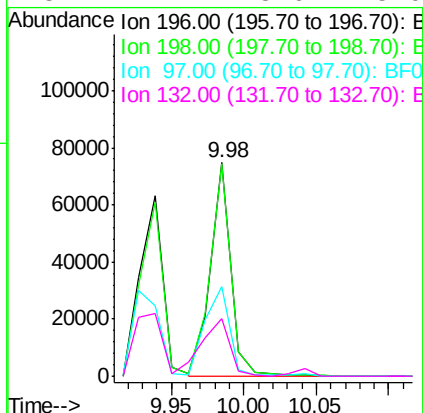
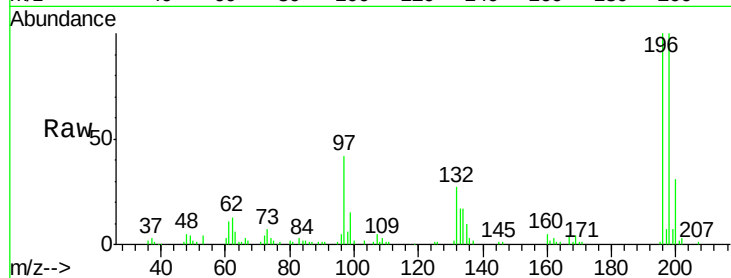




#43
 2,4,5-Trichlorophenol
 Concen: 39.22 ng
 RT: 9.98 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF077913.D
 Acq: 24 Mar 2015 16:01

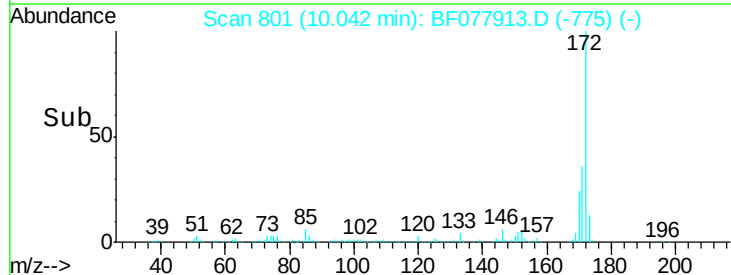
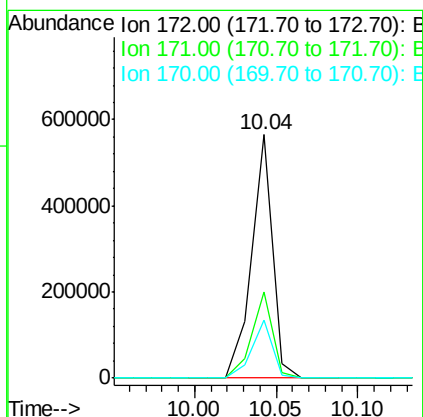
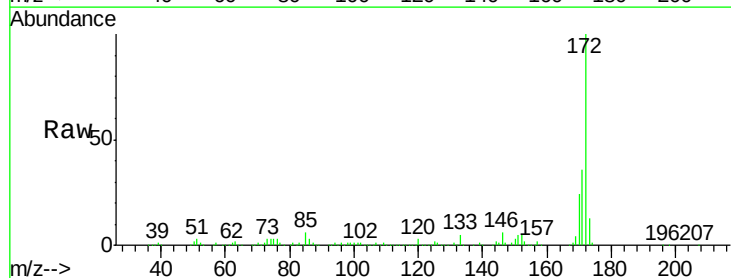
Instrument :
 BNA_F
 ClientSampleId :
 PB82277BSD

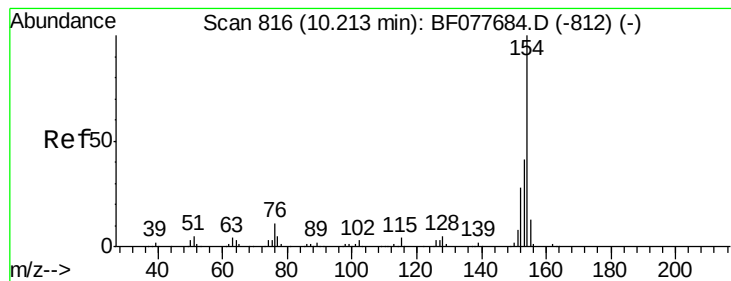
Tgt Ion:196 Resp: 73648
 Ion Ratio Lower Upper
 196 100
 198 99.5 79.4 119.0
 97 42.1 26.8 40.2#
 132 27.1 18.6 28.0



#44
 2-Fluorobiphenyl
 Concen: 87.66 ng
 RT: 10.04 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BF077913.D
 Acq: 24 Mar 2015 16:01

Tgt Ion:172 Resp: 501840
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.5 42.7
 170 23.8 18.8 28.2





#45

1,1'-Biphenyl

Concen: 41.67 ng

RT: 10.16 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

Instrument :

BNA_F

ClientSampleId :

PB82277BSD

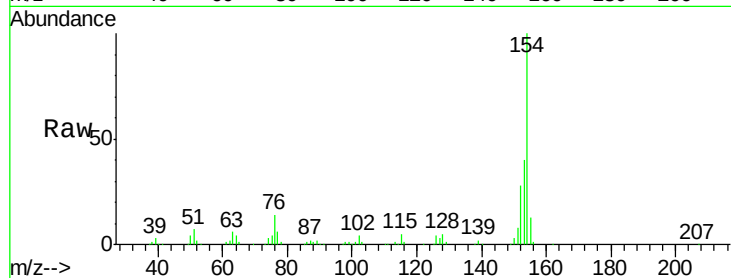
Tgt Ion:154 Resp: 280266

Ion Ratio Lower Upper

154 100

153 40.0 20.7 60.7

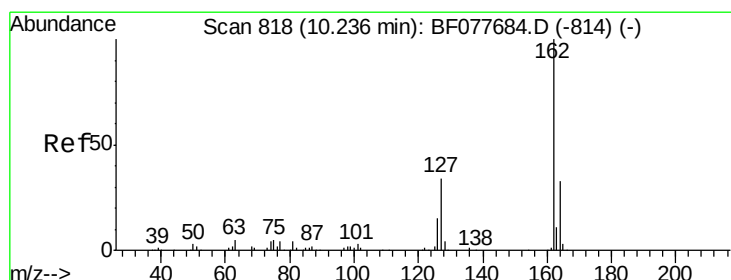
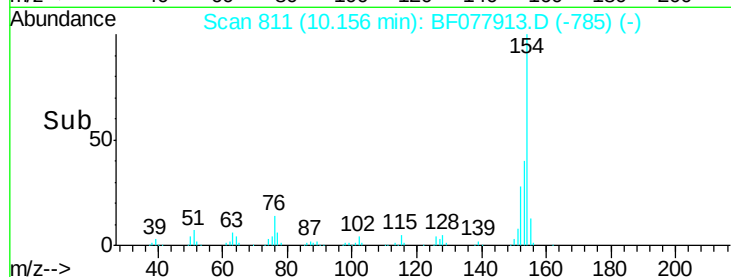
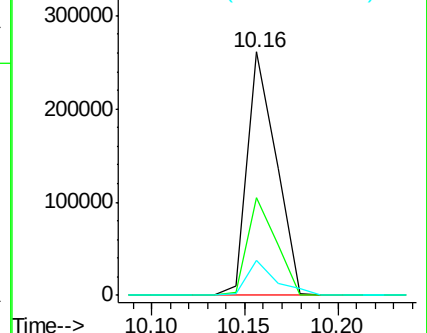
76 14.2 0.0 30.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 41.68 ng

RT: 10.18 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

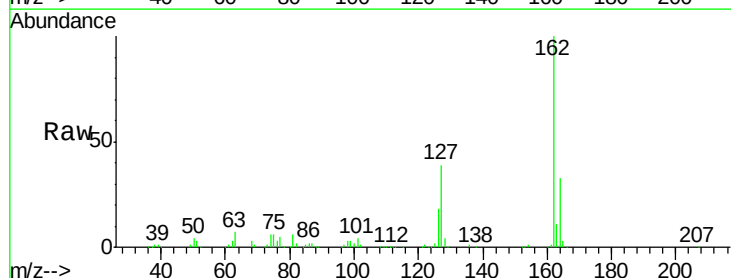
Tgt Ion:162 Resp: 227814

Ion Ratio Lower Upper

162 100

127 38.9 26.9 40.3

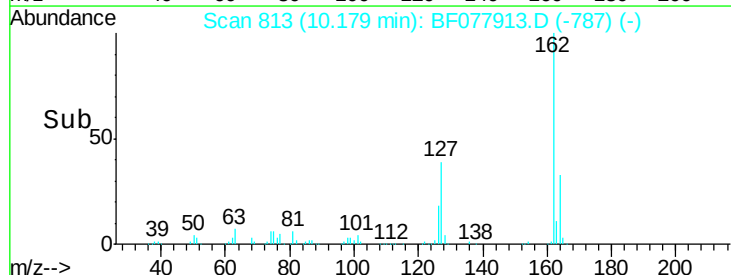
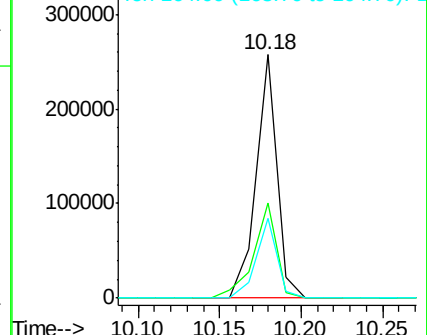
164 32.8 26.8 40.2

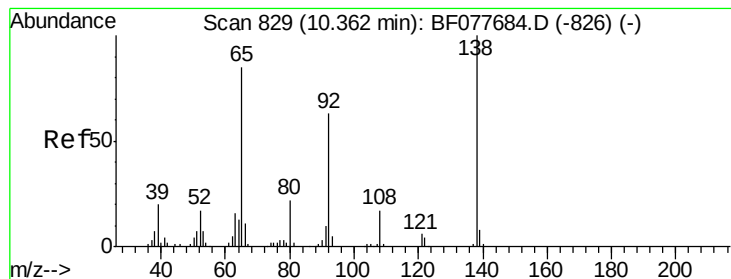


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 45.26 ng

RT: 10.32 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

Instrument :

BNA_F

ClientSampleId :

PB82277BSD

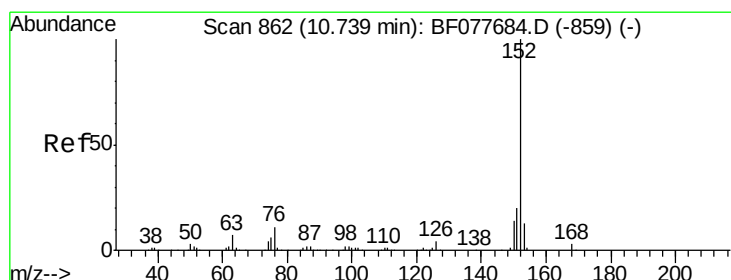
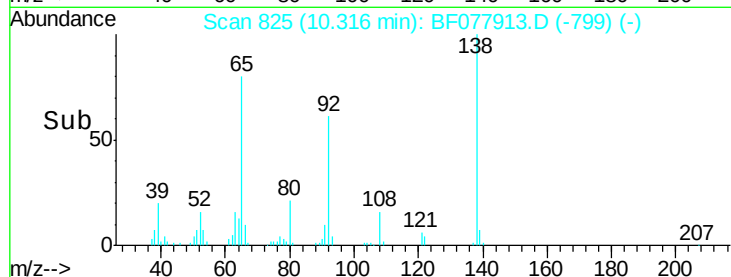
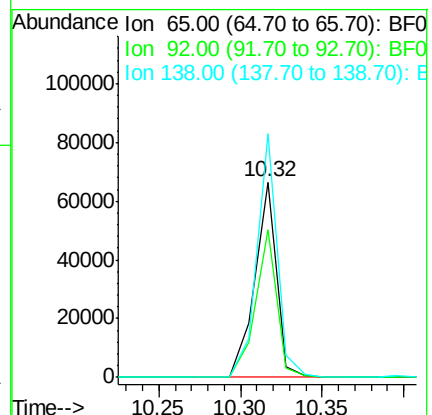
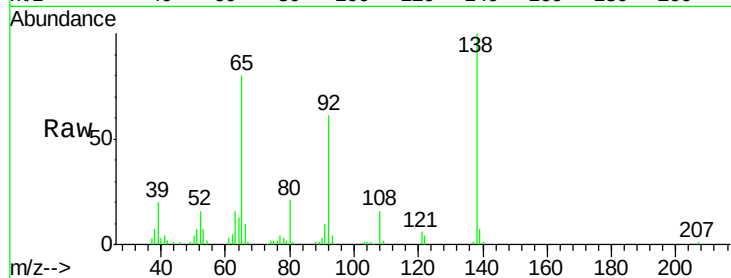
Tgt Ion: 65 Resp: 61427

Ion Ratio Lower Upper

65 100

92 75.8 59.1 88.7

138 124.5 93.9 140.9



#48

Acenaphthylene

Concen: 39.11 ng

RT: 10.68 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

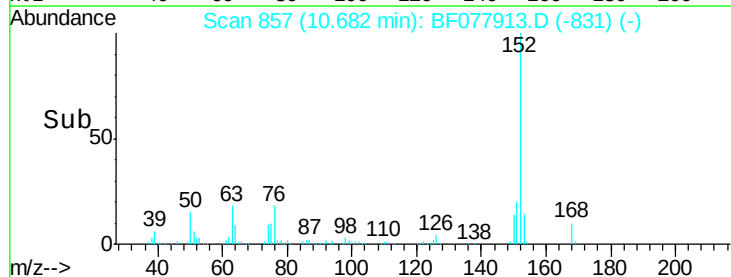
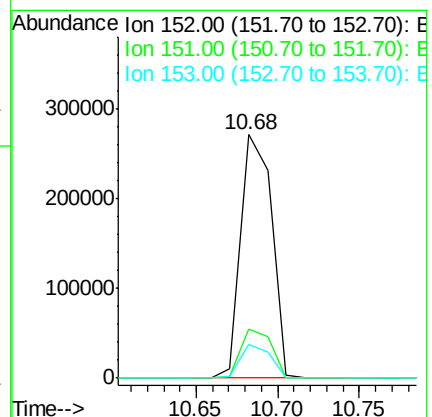
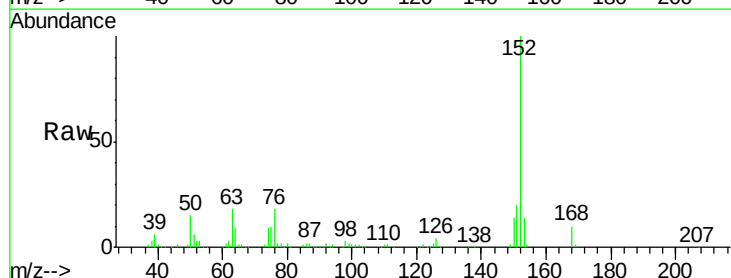
Tgt Ion: 152 Resp: 355421

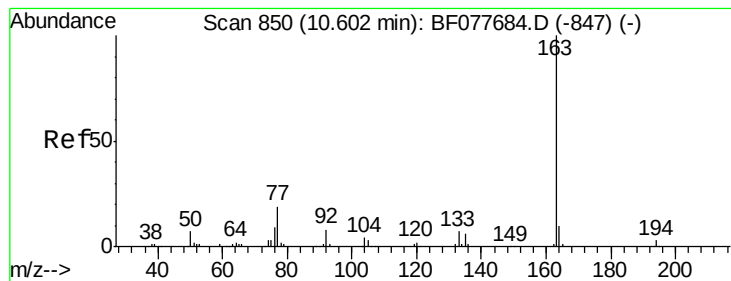
Ion Ratio Lower Upper

152 100

151 20.3 15.9 23.9

153 13.6 10.6 16.0





#49

Dimethylphthalate

Concen: 43.11 ng

RT: 10.56 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

Instrument :

BNA_F

ClientSampleId :

PB82277BSD

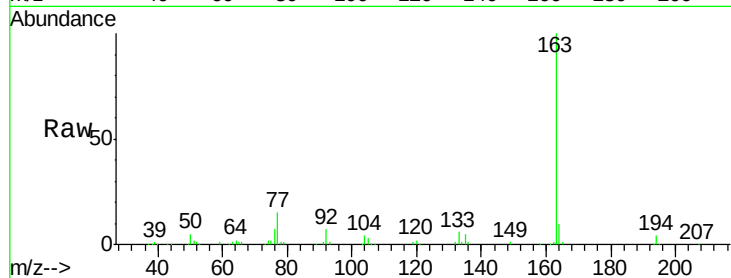
Tgt Ion:163 Resp: 269004

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

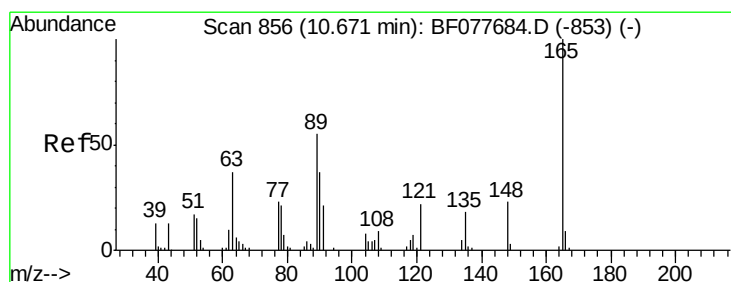
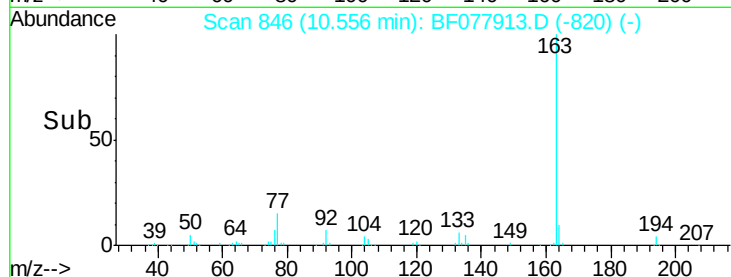
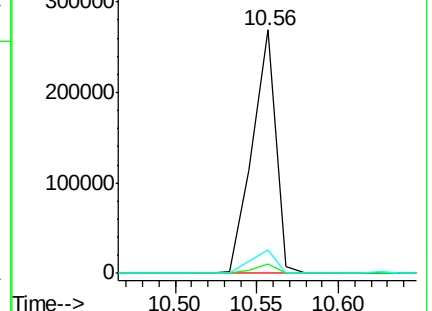
164 9.8 8.2 12.2



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: 45.51 ng

RT: 10.63 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

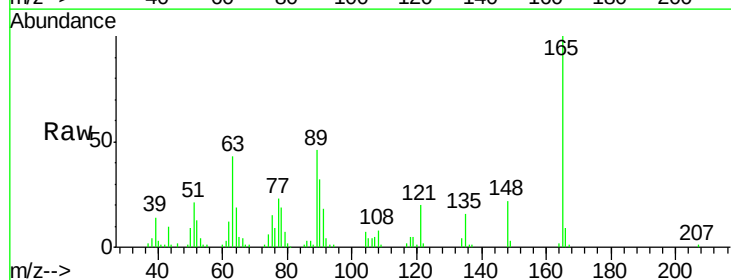
Tgt Ion:165 Resp: 58868

Ion Ratio Lower Upper

165 100

63 43.1 44.1 66.1#

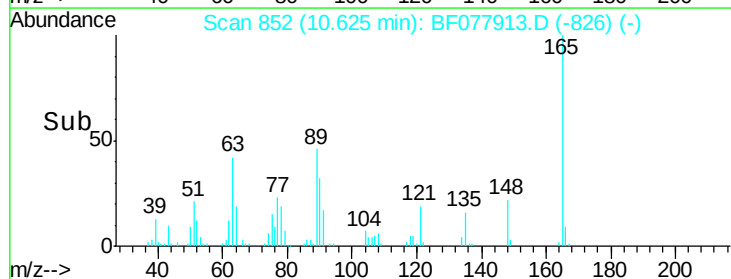
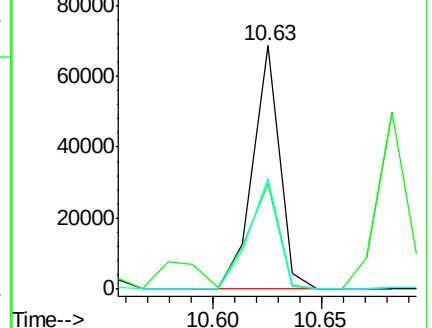
89 45.6 44.3 66.5

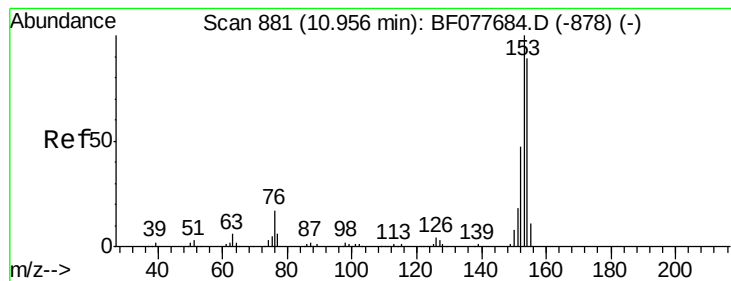


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.08 ng

RT: 10.90 min Scan# 876

Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

Instrument :

BNA_F

ClientSampleId :

PB82277BSD

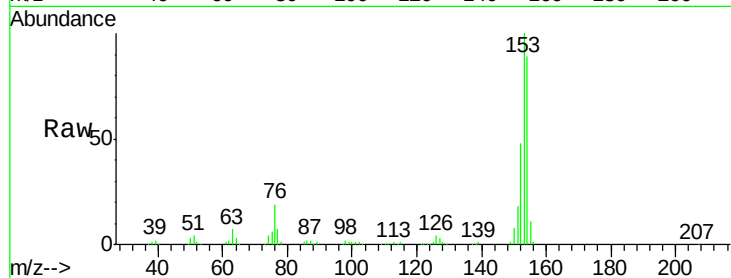
Tgt Ion:154 Resp: 208859

Ion Ratio Lower Upper

154 100

153 112.5 90.0 135.0

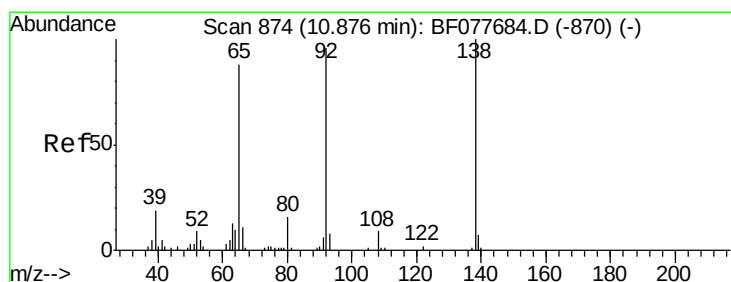
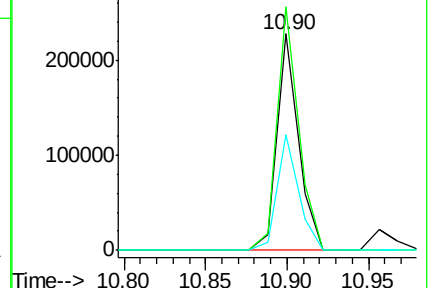
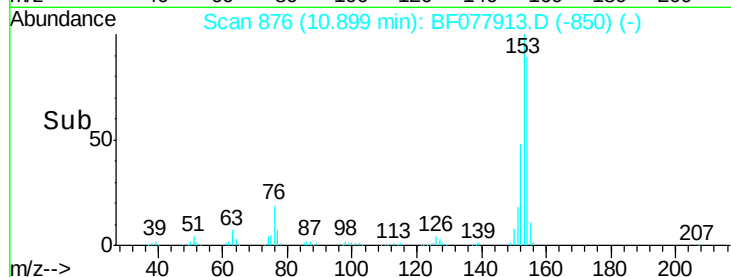
152 53.4 42.6 63.8



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: 21.24 ng

RT: 10.82 min Scan# 869

Delta R.T. -0.01 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

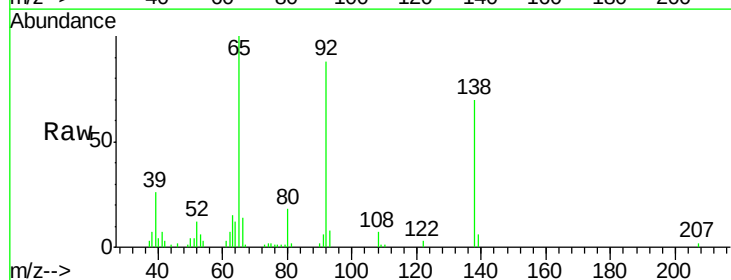
Tgt Ion:138 Resp: 31909

Ion Ratio Lower Upper

138 100

108 10.6 7.3 10.9

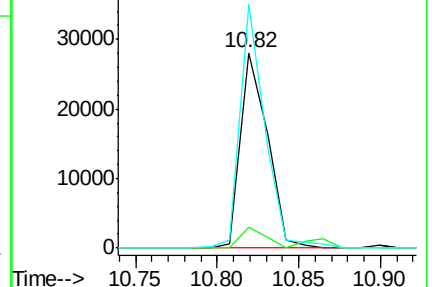
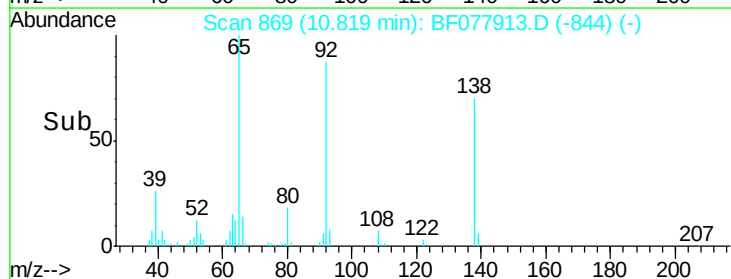
92 124.8 76.6 114.8#

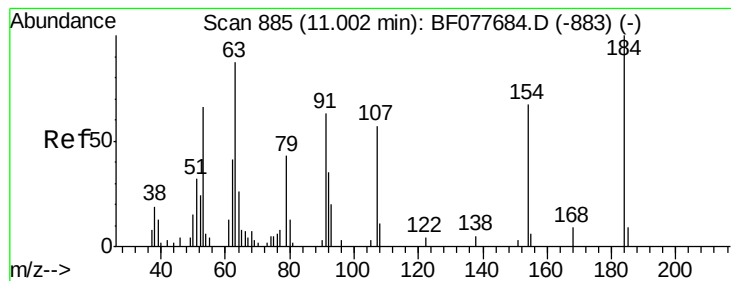


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 80.31 ng

RT: 10.96 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

Instrument :

BNA_F

ClientSampleId :

PB82277BSD

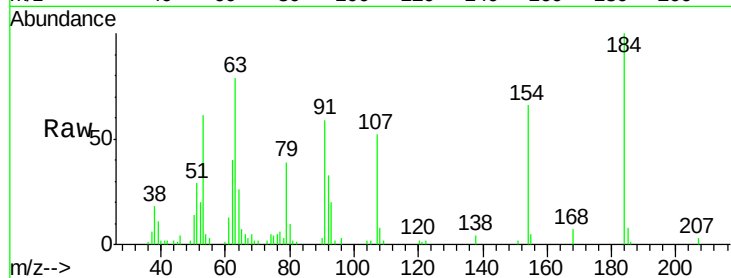
Tgt Ion:184 Resp: 38177

Ion Ratio Lower Upper

184 100

63 78.8 69.2 103.8

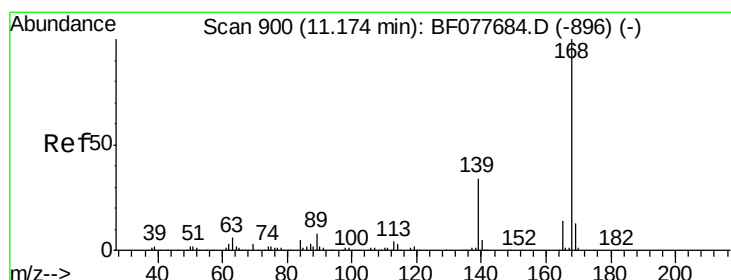
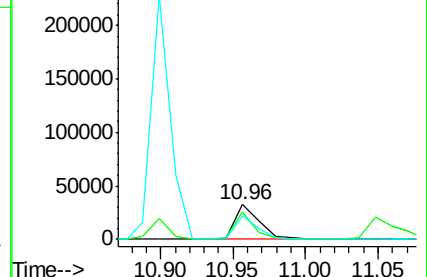
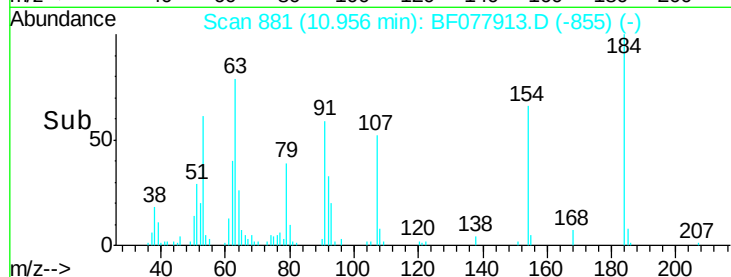
154 65.9 53.3 79.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 40.66 ng

RT: 11.12 min Scan# 895

Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

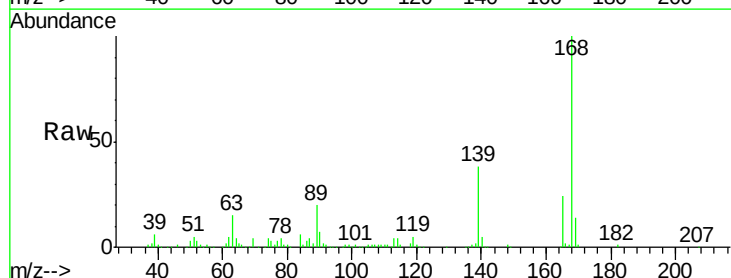
Tgt Ion:168 Resp: 314256

Ion Ratio Lower Upper

168 100

139 38.0 27.3 40.9

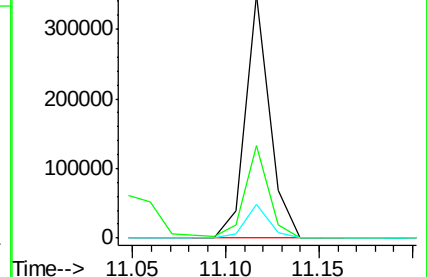
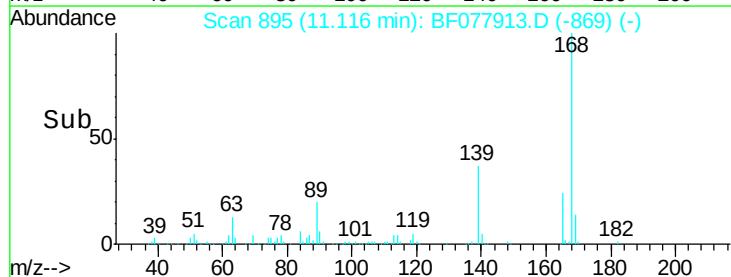
169 13.7 10.6 16.0

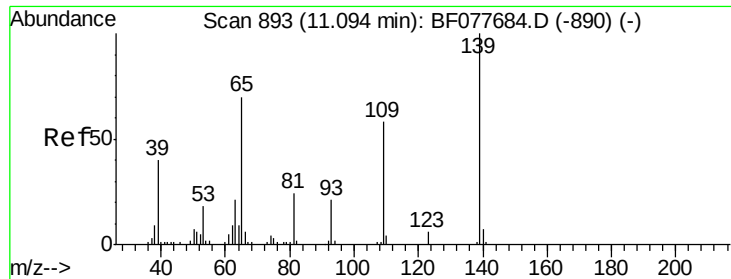


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

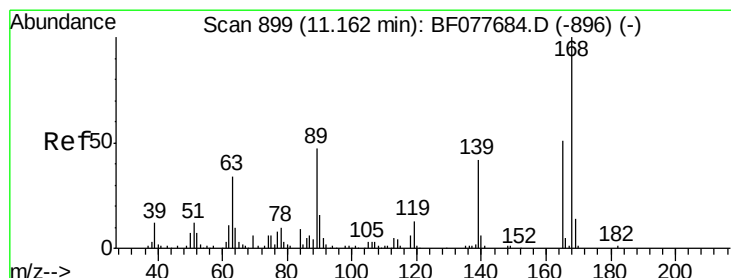
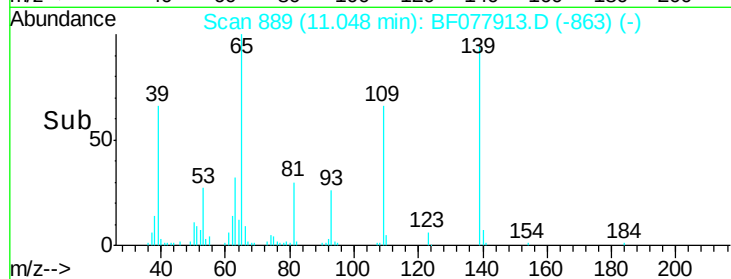
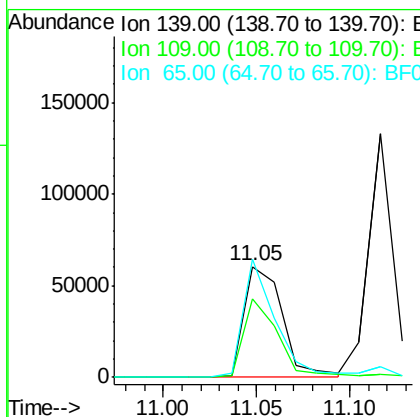
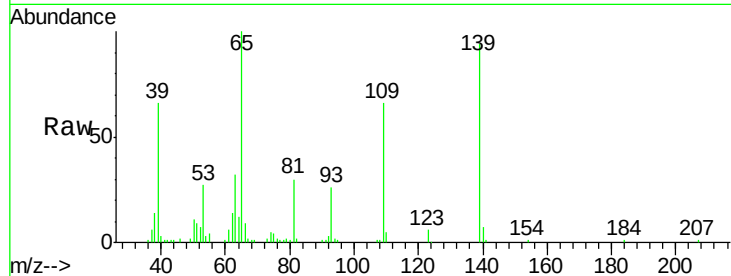




#55
4-Nitrophenol
Concen: 77.54 ng
RT: 11.05 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF077913.D
Acq: 24 Mar 2015 16:01

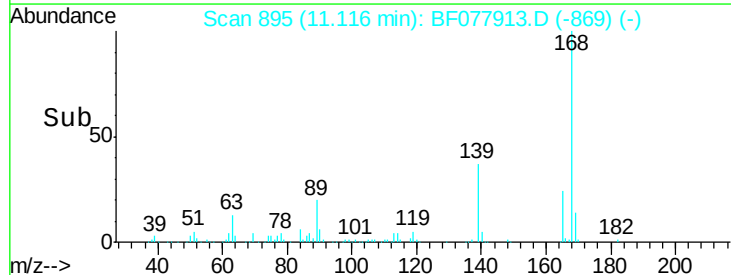
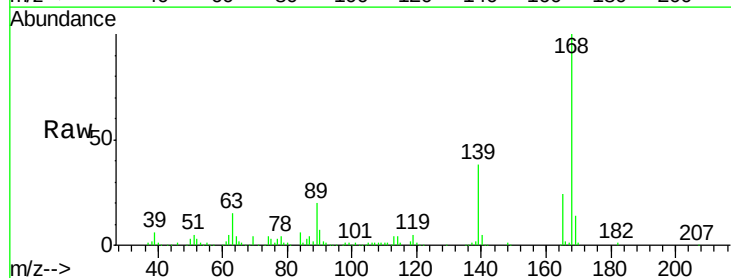
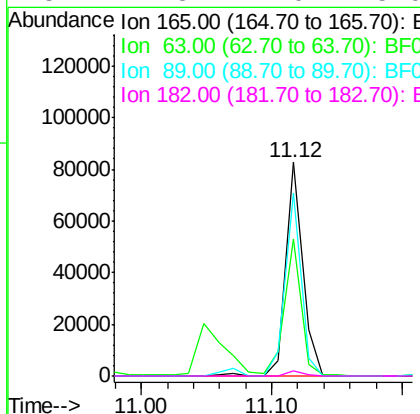
Instrument :
BNA_F
ClientSampleId :
PB82277BSD

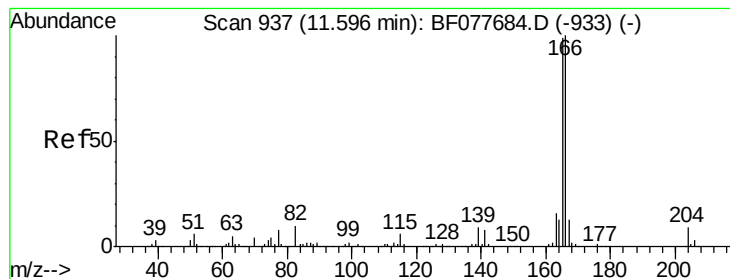
Tgt Ion:139 Resp: 86276
Ion Ratio Lower Upper
139 100
109 70.6 37.7 77.7
65 106.4 49.9 89.9#



#56
2,4-Dinitrotoluene
Concen: 43.92 ng
RT: 11.12 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF077913.D
Acq: 24 Mar 2015 16:01

Tgt Ion:165 Resp: 74072
Ion Ratio Lower Upper
165 100
63 63.8 52.4 78.6
89 85.5 72.4 108.6
182 2.3 2.0 3.0





#57

Fluorene

Concen: 40.25 ng

RT: 11.54 min Scan# 932

Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

Instrument :

BNA_F

ClientSampleId :

PB82277BSD

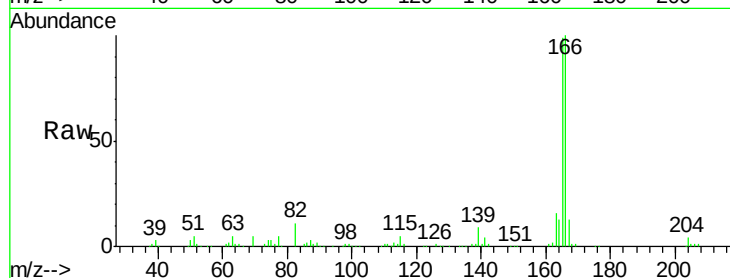
Tgt Ion:166 Resp: 258293

Ion Ratio Lower Upper

166 100

165 98.9 79.0 118.4

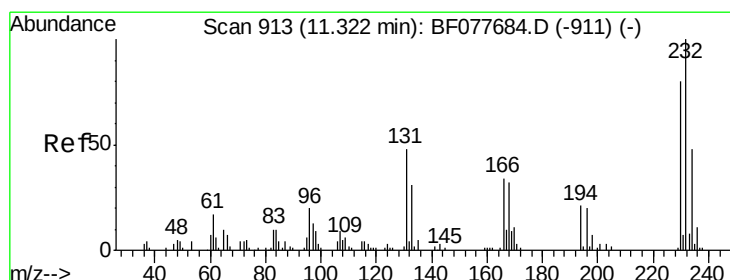
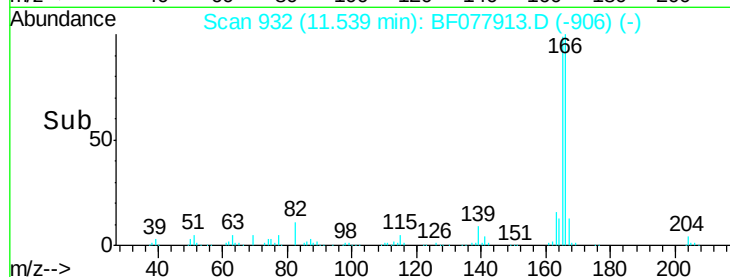
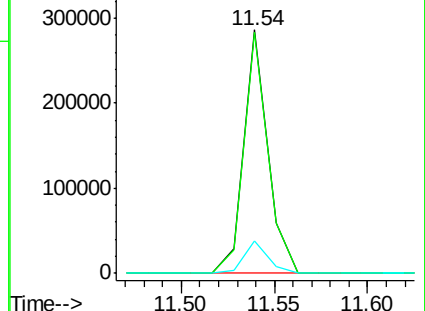
167 13.3 10.3 15.5



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.09 ng

RT: 11.28 min Scan# 909

Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

Tgt Ion:232 Resp: 59411

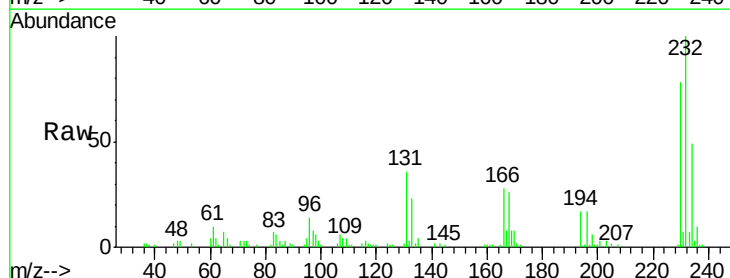
Ion Ratio Lower Upper

232 100

131 46.7 0.0 0.0#

130 2.2 0.0 0.0#

166 31.2 0.0 0.0#

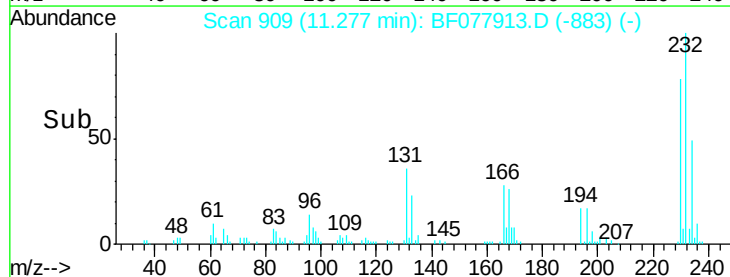
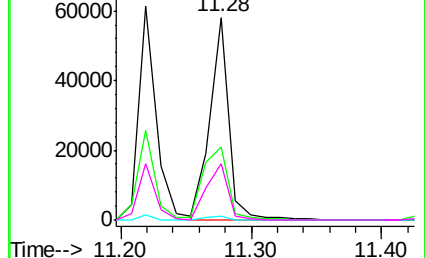


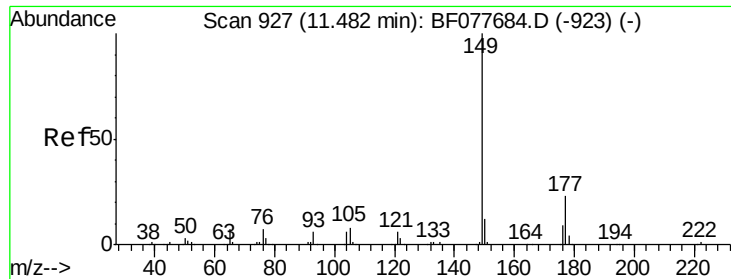
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

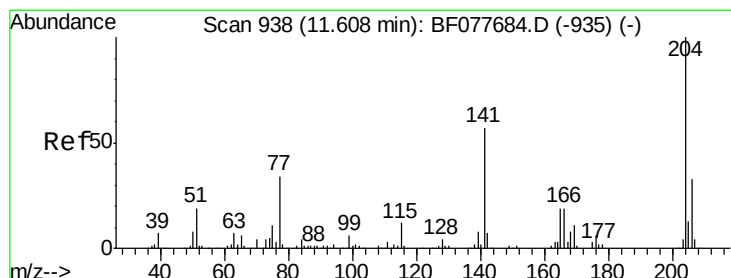
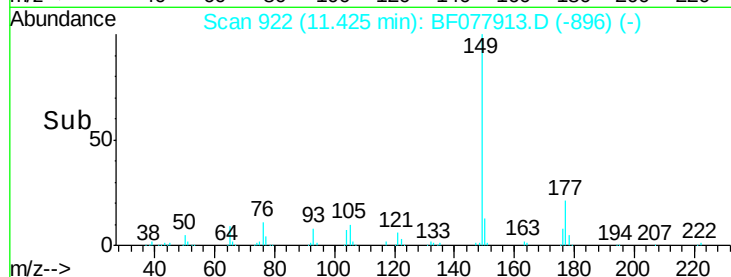
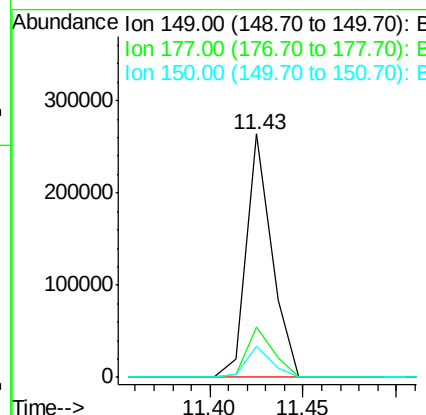
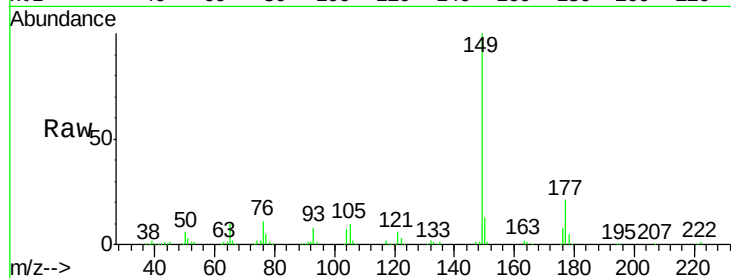




#59
Diethylphthalate
Concen: 41.56 ng
RT: 11.43 min Scan# 922
Delta R.T. 0.00 min
Lab File: BF077913.D
Acq: 24 Mar 2015 16:01

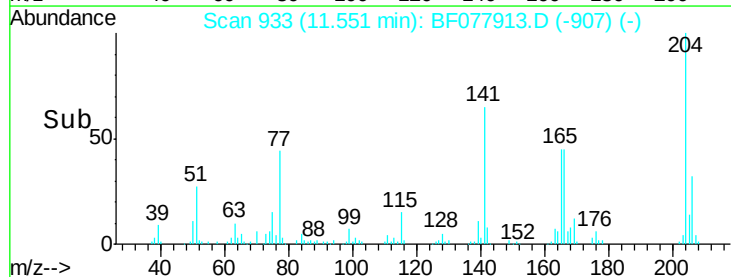
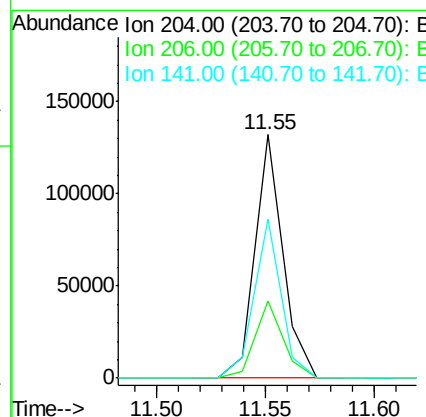
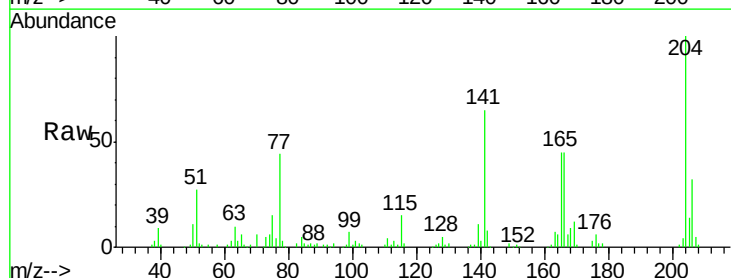
Instrument :
BNA_F
ClientSampleId :
PB82277BSD

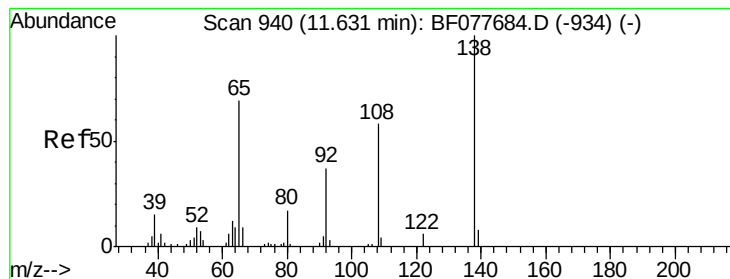
Tgt Ion:149 Resp: 252674
Ion Ratio Lower Upper
149 100
177 20.5 18.3 27.5
150 12.8 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 40.16 ng
RT: 11.55 min Scan# 933
Delta R.T. 0.00 min
Lab File: BF077913.D
Acq: 24 Mar 2015 16:01

Tgt Ion:204 Resp: 117629
Ion Ratio Lower Upper
204 100
206 31.9 26.6 39.8
141 65.4 45.2 67.8





#61

4-Nitroaniline

Concen: 36.38 ng

RT: 11.57 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

Instrument :

BNA_F

ClientSampleId :

PB82277BSD

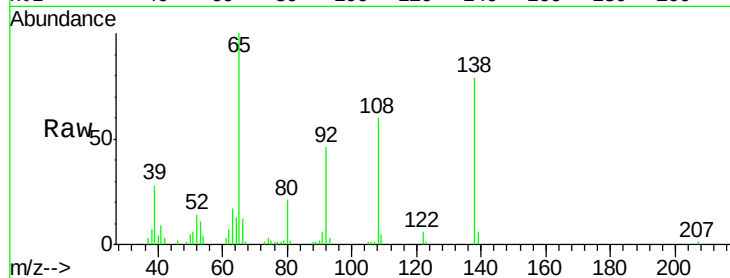
Tgt Ion:138 Resp: 54466

Ion Ratio Lower Upper

138 100

92 58.4 16.7 56.7#

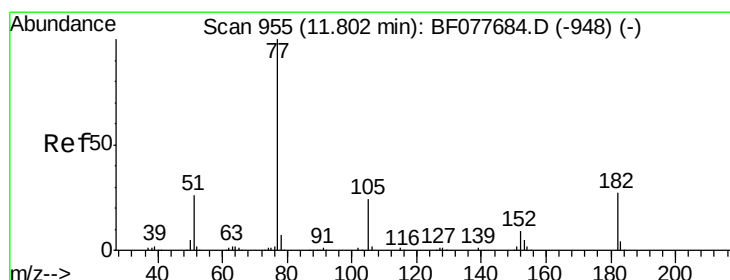
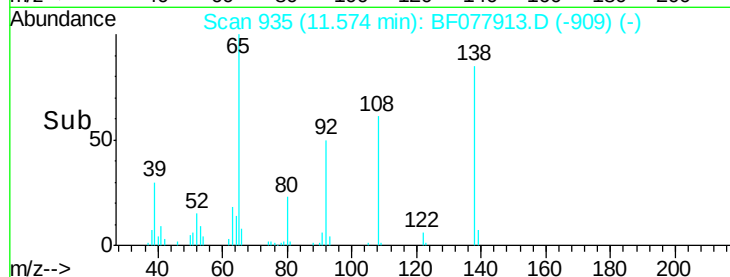
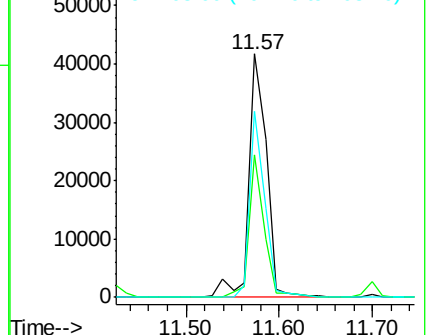
108 76.6 37.6 77.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 42.75 ng

RT: 11.75 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

Tgt Ion: 77 Resp: 248425

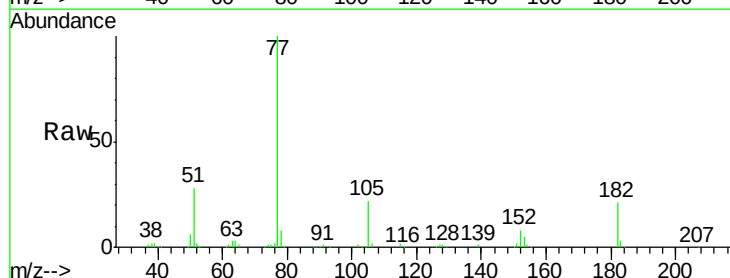
Ion Ratio Lower Upper

77 100

182 21.5 6.5 46.5

105 22.0 3.8 43.8

51 28.3 5.5 45.5

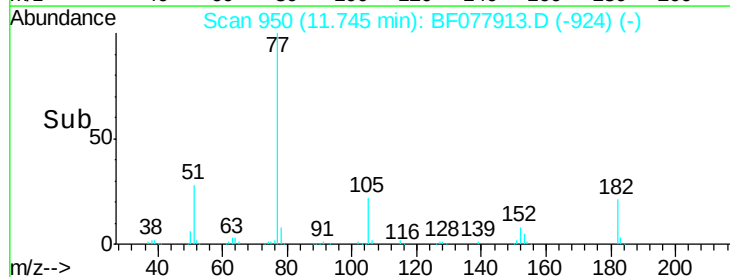
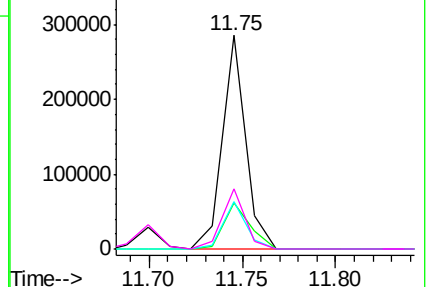


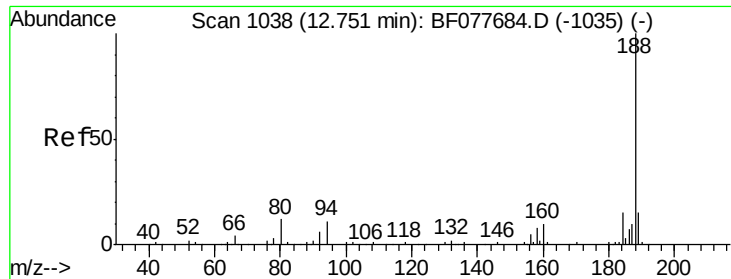
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

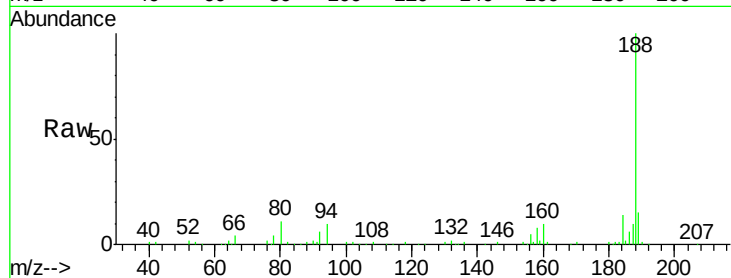




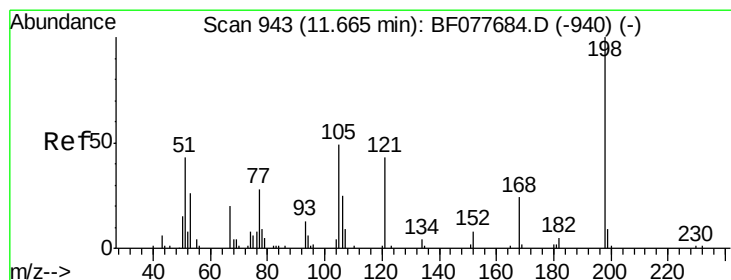
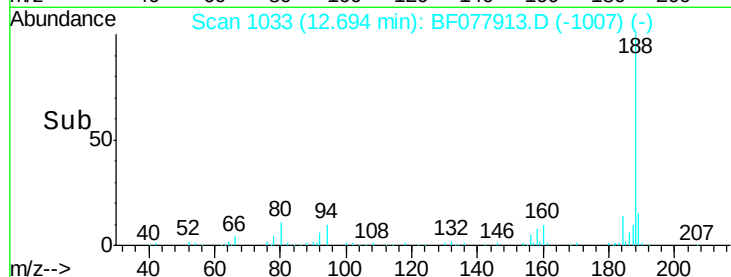
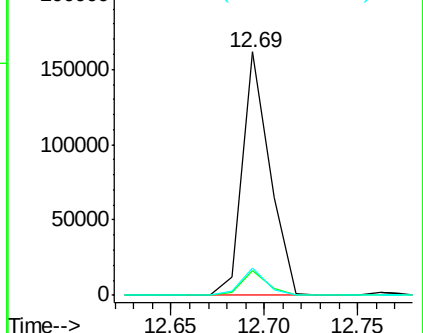
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.69 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BF077913.D
 Acq: 24 Mar 2015 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB82277BSD

Tgt Ion:188 Resp: 164244
 Ion Ratio Lower Upper
 188 100
 94 10.2 8.7 13.1
 80 11.3 9.3 13.9

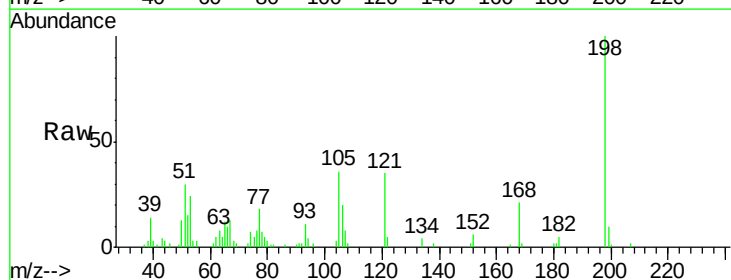


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

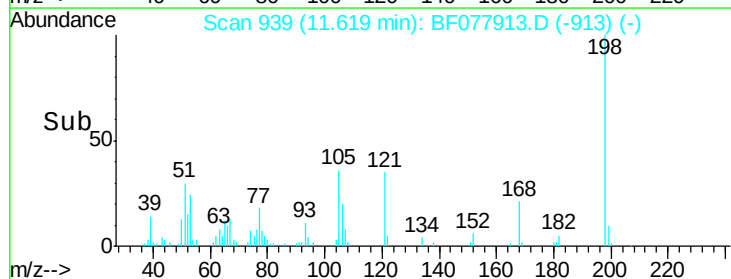
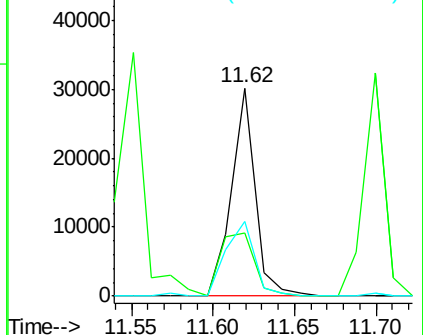


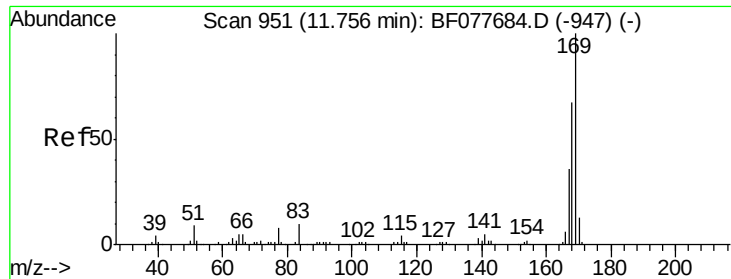
#64
 4,6-Dinitro-2-methylphenol
 Concen: 39.66 ng
 RT: 11.62 min Scan# 939
 Delta R.T. 0.00 min
 Lab File: BF077913.D
 Acq: 24 Mar 2015 16:01

Tgt Ion:198 Resp: 30123
 Ion Ratio Lower Upper
 198 100
 51 30.4 28.8 68.8
 105 36.1 30.5 70.5



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





#65

n-Nitrosodiphenylamine

Concen: 41.52 ng

RT: 11.70 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

Instrument :

BNA_F

ClientSampleId :

PB82277BSD

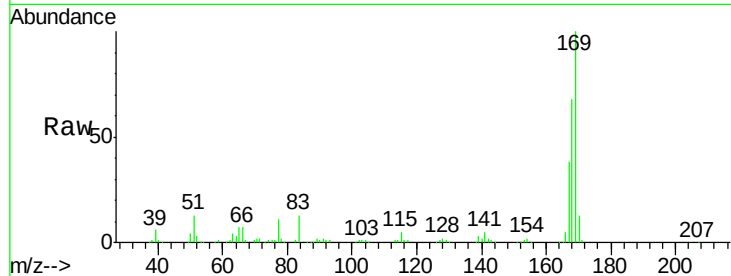
Tgt Ion:169 Resp: 227099

Ion Ratio Lower Upper

169 100

168 68.4 53.9 80.9

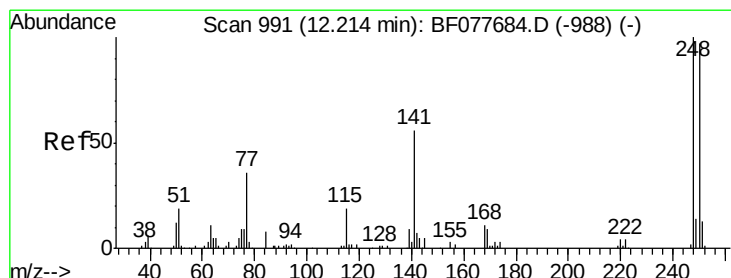
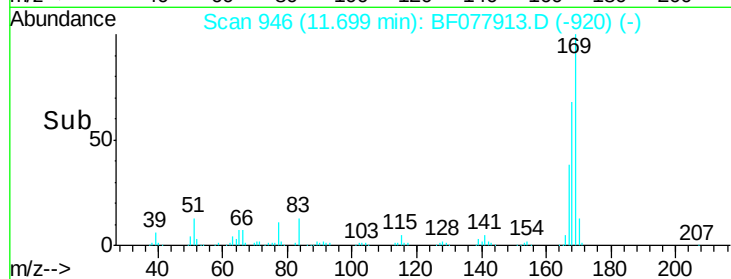
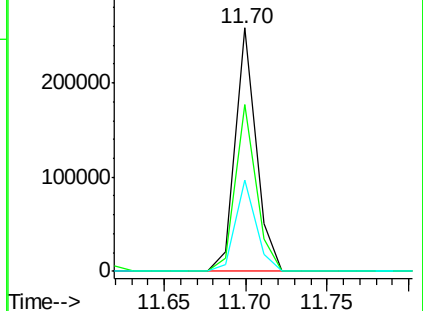
167 37.6 28.9 43.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.43 ng

RT: 12.16 min Scan# 986

Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

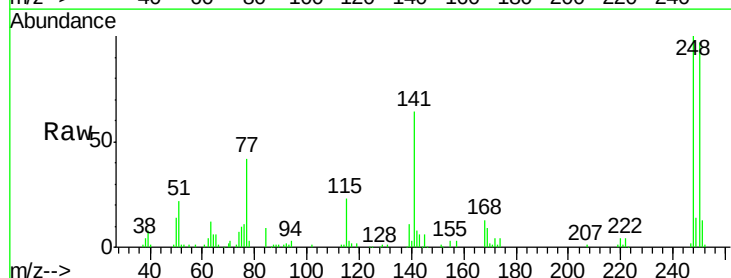
Tgt Ion:248 Resp: 72610

Ion Ratio Lower Upper

248 100

250 96.6 77.4 116.0

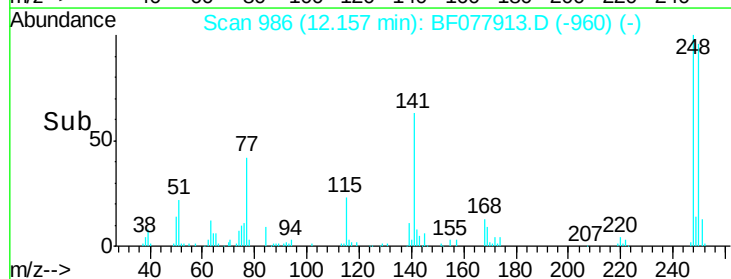
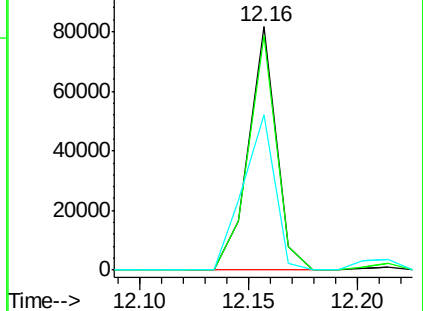
141 63.7 45.2 67.8

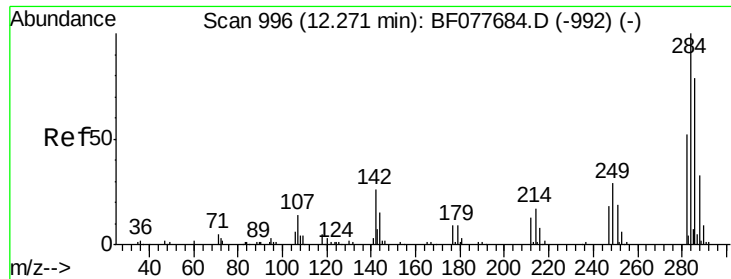


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

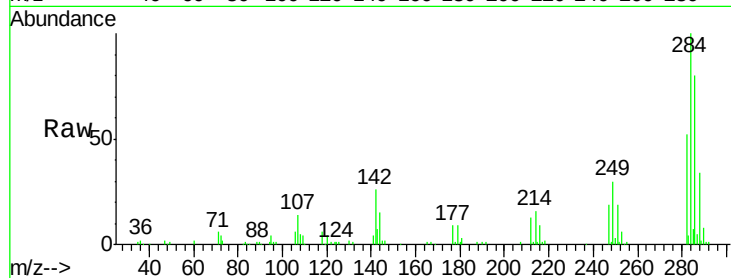




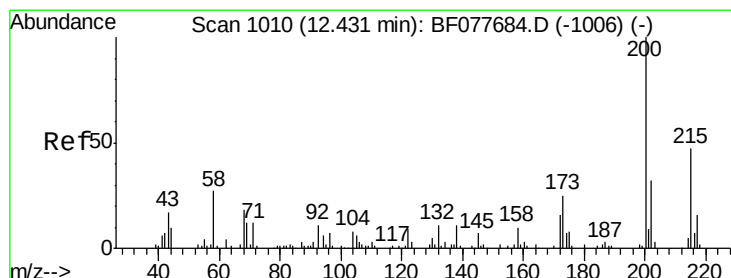
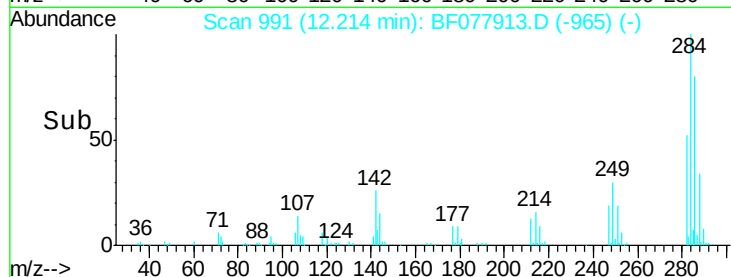
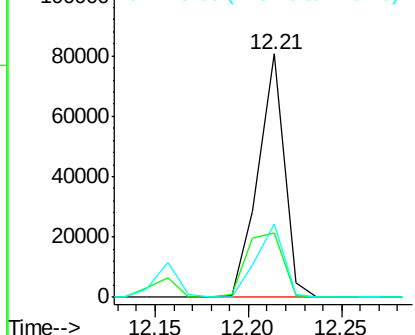
#67
Hexachlorobenzene
Concen: 40.72 ng
RT: 12.21 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF077913.D
Acq: 24 Mar 2015 16:01

Instrument :
BNA_F
ClientSampleId :
PB82277BSD

Tgt Ion:284 Resp: 78431
Ion Ratio Lower Upper
284 100
142 26.3 20.4 30.6
249 30.2 23.8 35.6

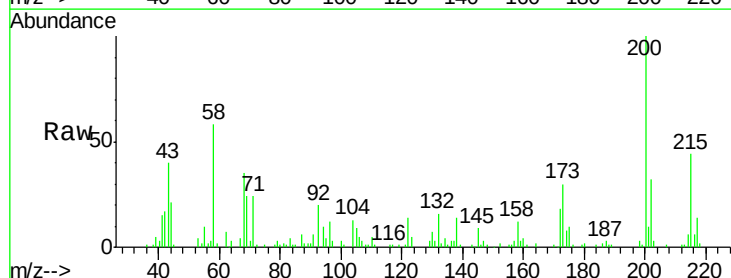


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

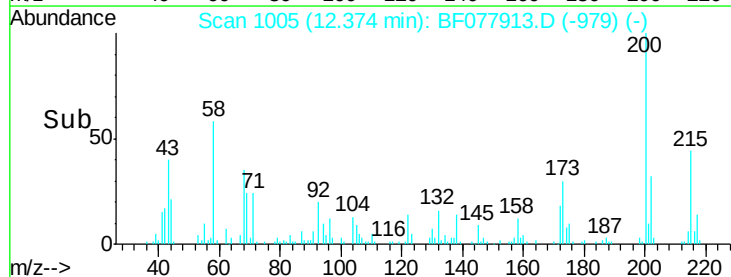
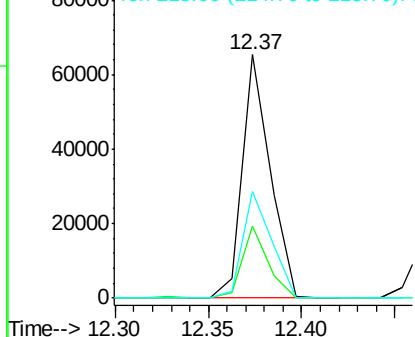


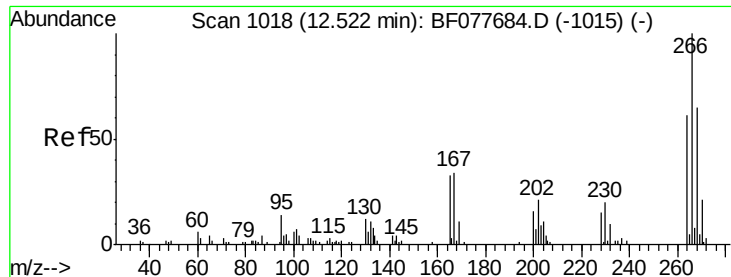
#68
Atrazine
Concen: 44.23 ng
RT: 12.37 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF077913.D
Acq: 24 Mar 2015 16:01

Tgt Ion:200 Resp: 67793
Ion Ratio Lower Upper
200 100
173 29.8 4.8 44.8
215 43.6 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

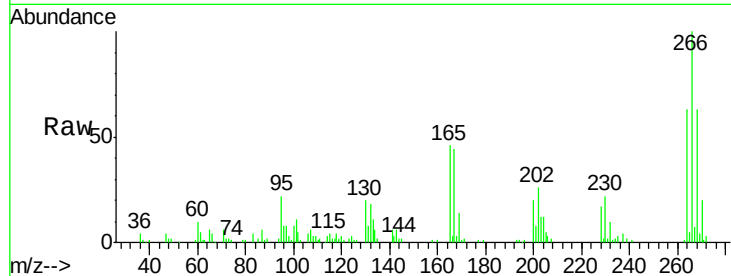




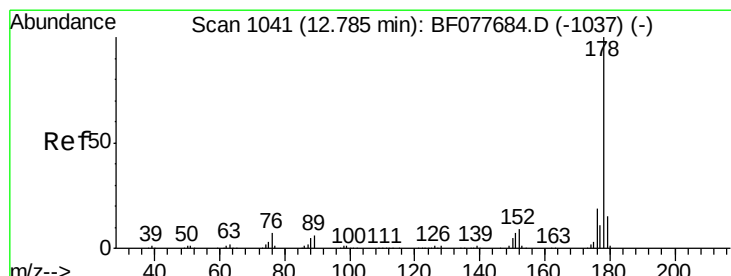
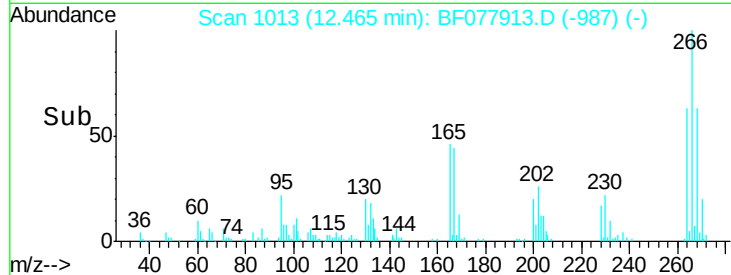
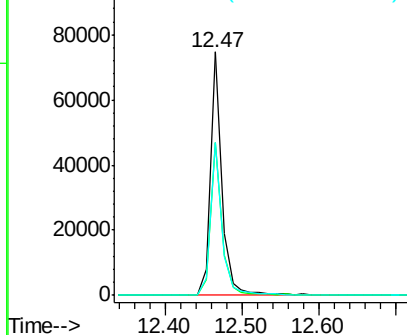
#69
 Pentachlorophenol
 Concen: 75.78 ng
 RT: 12.47 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: BF077913.D
 Acq: 24 Mar 2015 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB82277BSD

Tgt Ion: 266 Resp: 76270
 Ion Ratio Lower Upper
 266 100
 268 62.6 52.0 78.0
 264 62.7 49.0 73.4

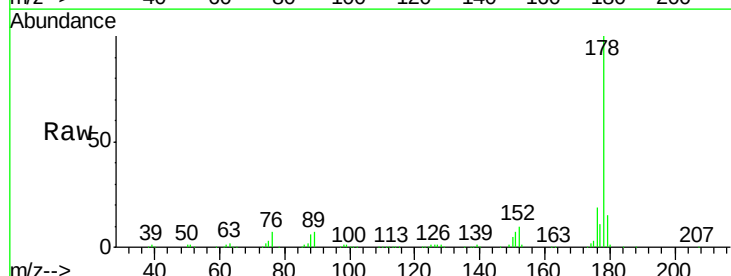


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

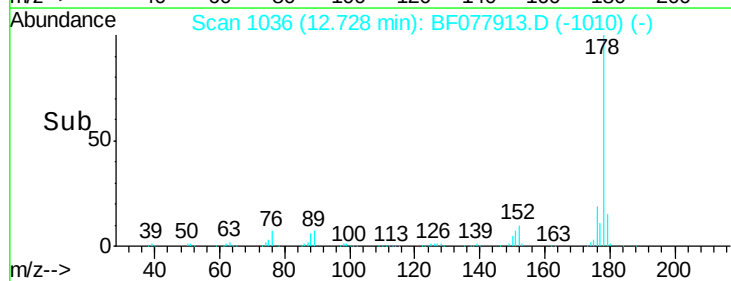
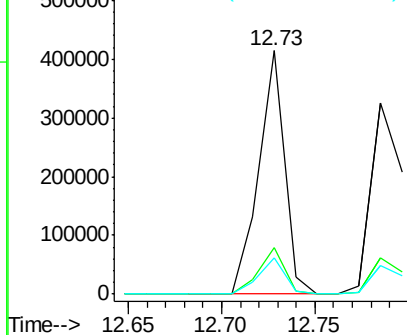


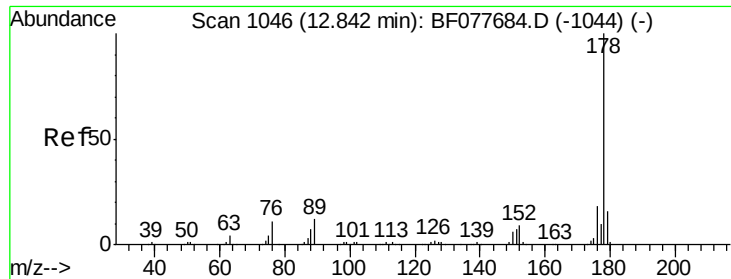
#70
 Phenanthrene
 Concen: 41.89 ng
 RT: 12.73 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF077913.D
 Acq: 24 Mar 2015 16:01

Tgt Ion: 178 Resp: 394996
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.2 22.8
 179 14.8 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

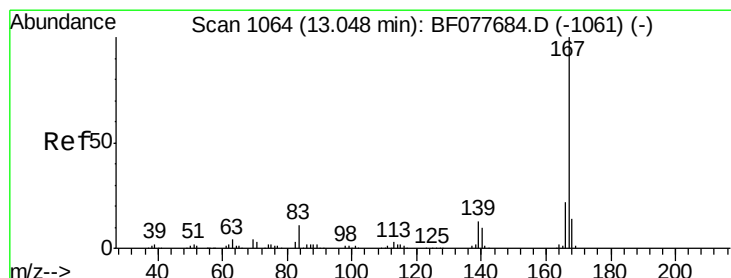
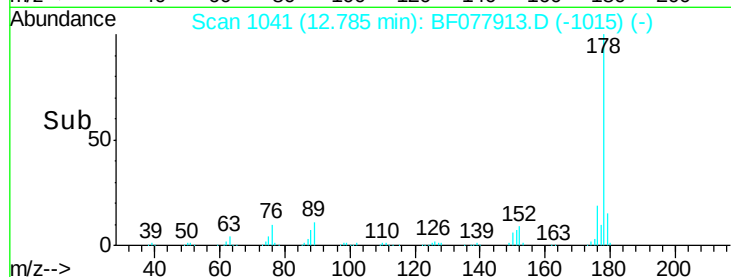
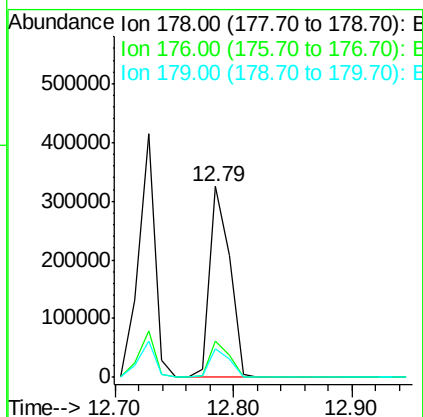
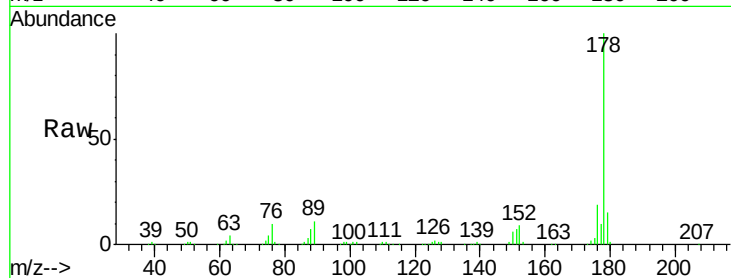




#71
 Anthracene
 Concen: 40.98 ng
 RT: 12.79 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF077913.D
 Acq: 24 Mar 2015 16:01

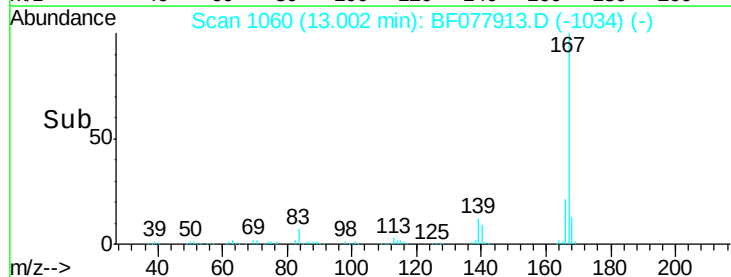
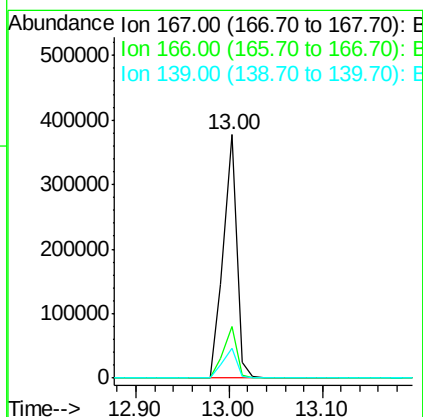
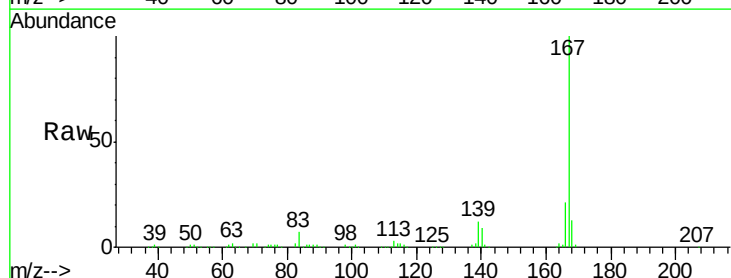
Instrument :
 BNA_F
 ClientSampleId :
 PB82277BSD

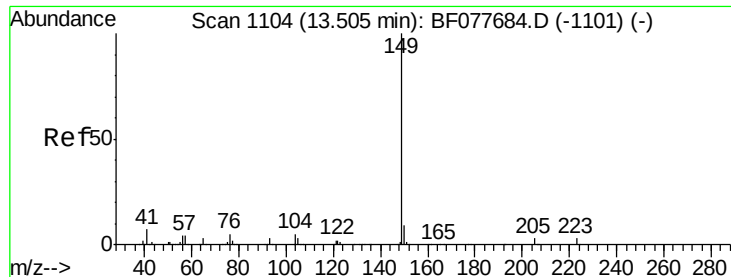
Tgt Ion:178 Resp: 381715
 Ion Ratio Lower Upper
 178 100
 176 18.7 14.6 22.0
 179 15.3 12.6 19.0



#72
 Carbazole
 Concen: 42.94 ng
 RT: 13.00 min Scan# 1060
 Delta R.T. 0.00 min
 Lab File: BF077913.D
 Acq: 24 Mar 2015 16:01

Tgt Ion:167 Resp: 380492
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.2 25.8
 139 12.2 10.8 16.2





#73

Di-n-butylphthalate

Concen: 41.76 ng

RT: 13.46 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

Instrument :

BNA_F

ClientSampleId :

PB82277BSD

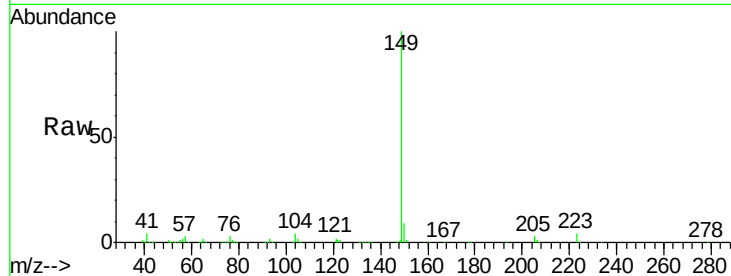
Tgt Ion:149 Resp: 414934

Ion Ratio Lower Upper

149 100

150 8.9 7.5 11.3

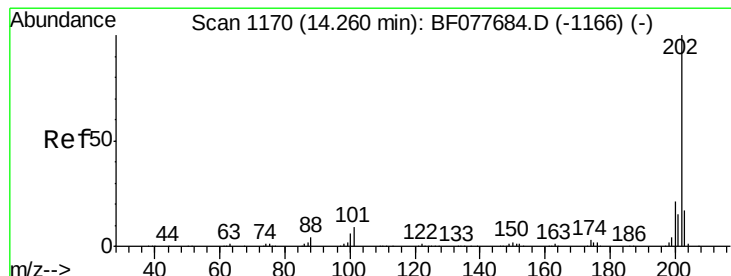
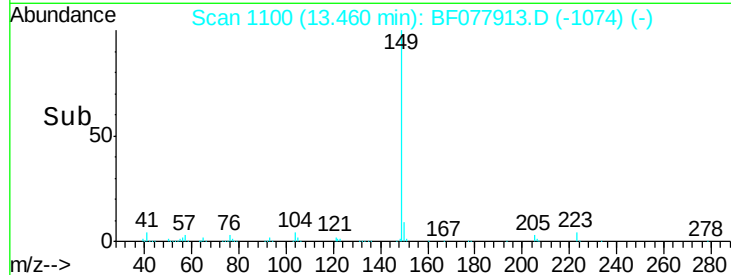
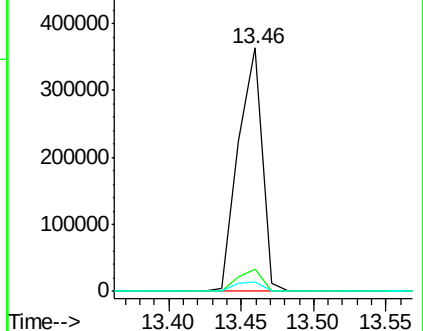
104 3.9 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.94 ng

RT: 14.20 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

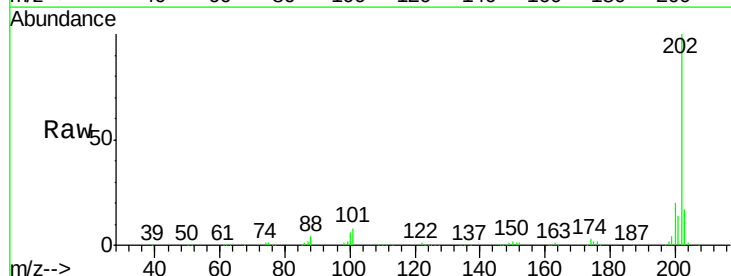
Tgt Ion:202 Resp: 425799

Ion Ratio Lower Upper

202 100

101 7.9 0.0 28.7

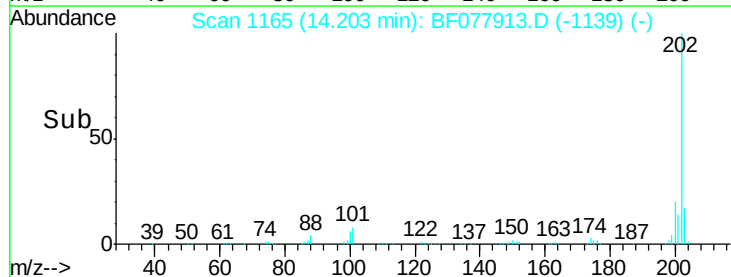
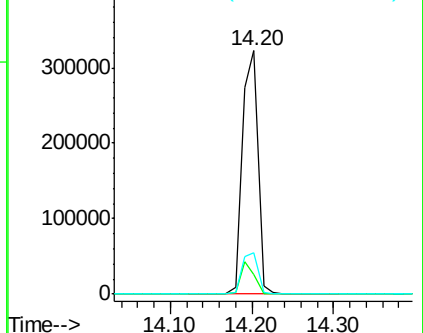
203 17.0 0.0 37.2

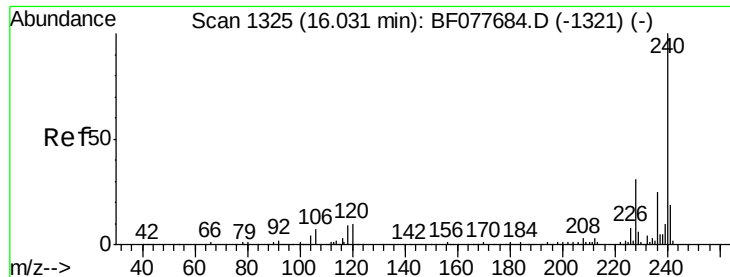


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

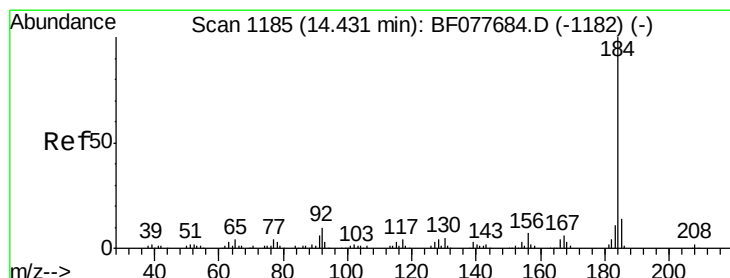
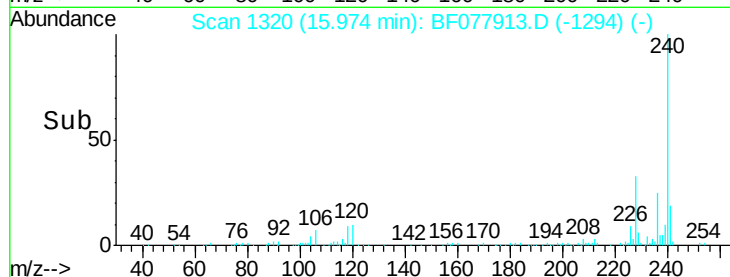
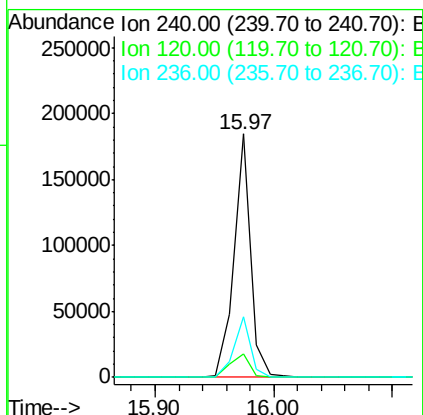
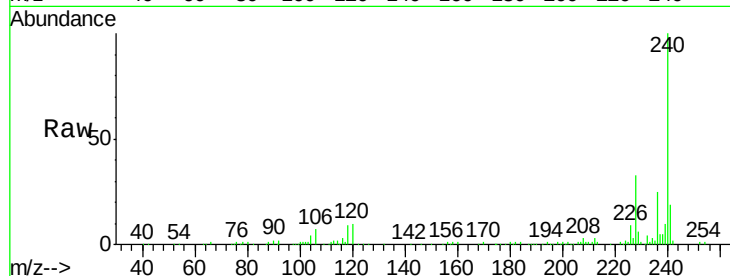




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.97 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF077913.D
Acq: 24 Mar 2015 16:01

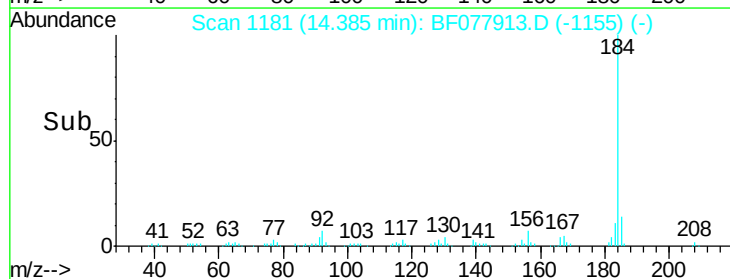
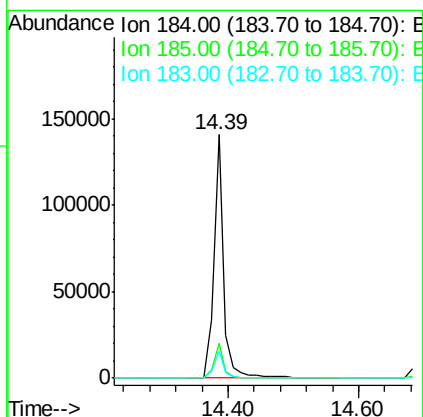
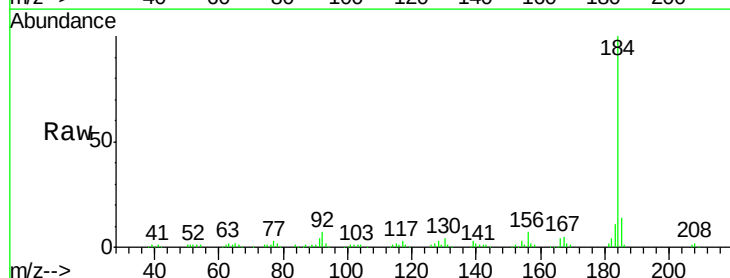
Instrument :
BNA_F
ClientSampleId :
PB82277BSD

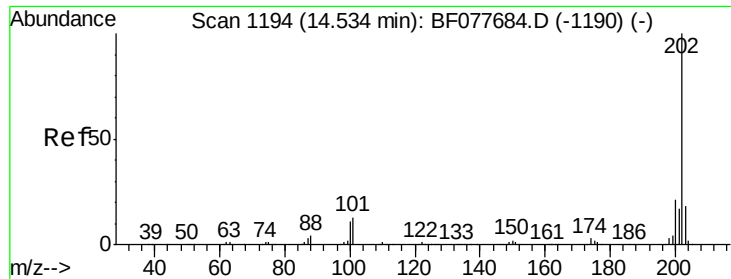
Tgt Ion:240 Resp: 179942
Ion Ratio Lower Upper
240 100
120 9.9 8.2 12.2
236 24.9 20.0 30.0



#76
Benzidine
Concen: 33.52 ng
RT: 14.39 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BF077913.D
Acq: 24 Mar 2015 16:01

Tgt Ion:184 Resp: 149567
Ion Ratio Lower Upper
184 100
185 14.3 11.3 16.9
183 11.0 8.9 13.3

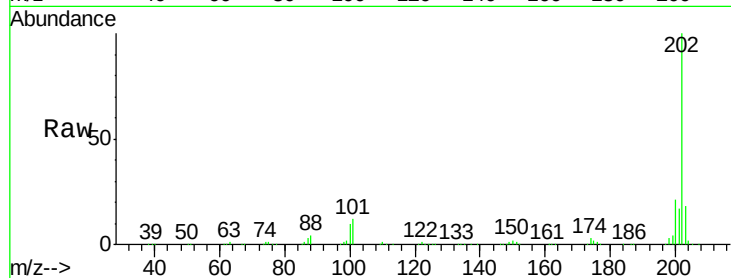




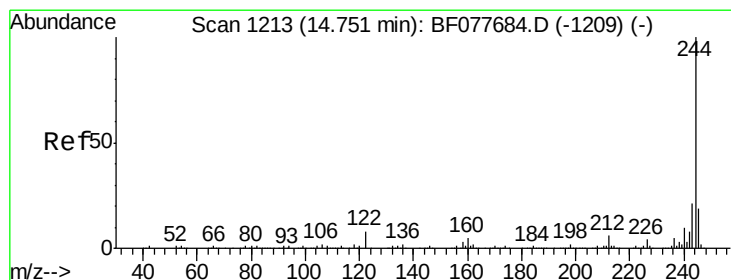
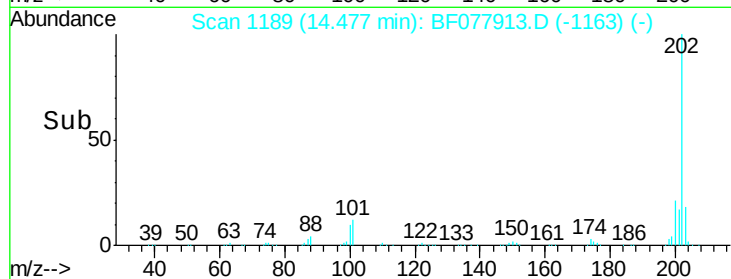
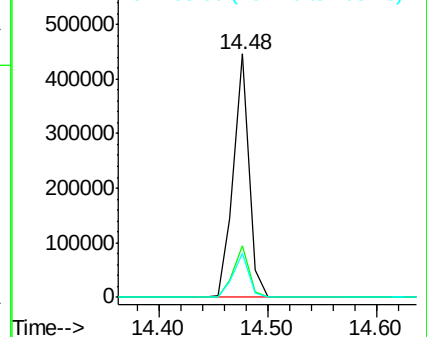
#77
 Pyrene
 Concen: 39.30 ng
 RT: 14.48 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF077913.D
 Acq: 24 Mar 2015 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB82277BSD

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.9	25.3
203	17.8	14.1	21.1

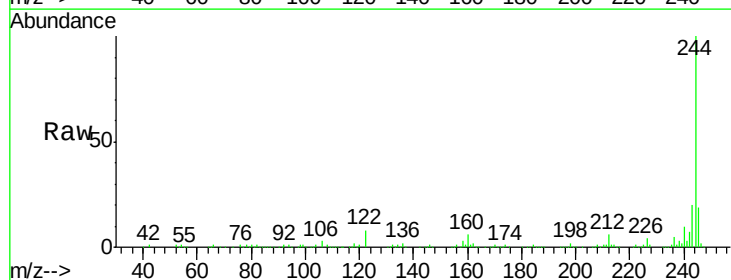


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

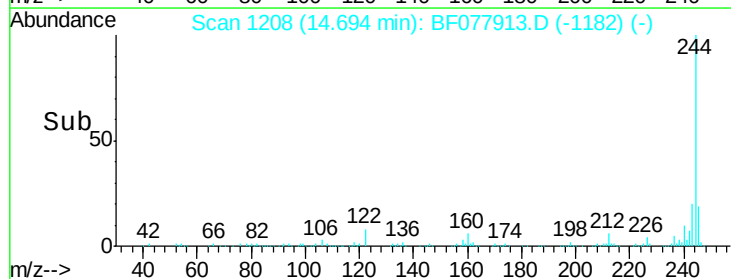
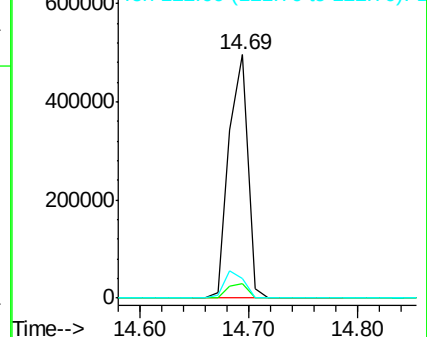


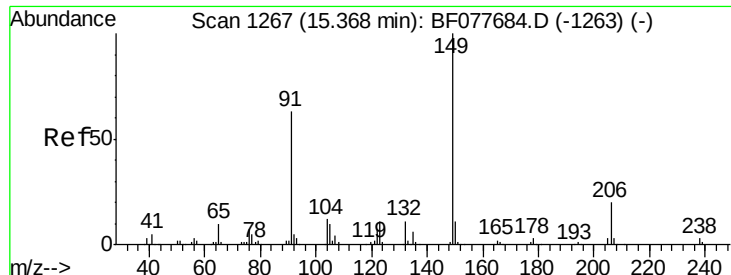
#78
 Terphenyl-d14
 Concen: 81.55 ng
 RT: 14.69 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF077913.D
 Acq: 24 Mar 2015 16:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.1	4.9	7.3
122	8.3	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

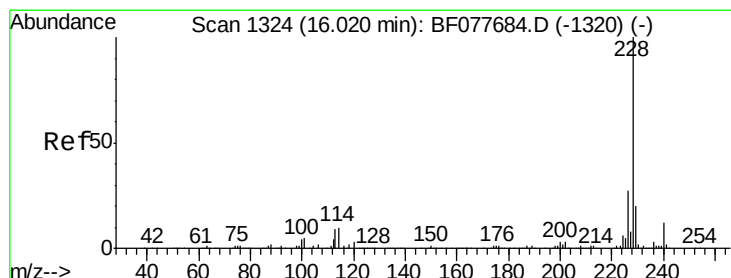
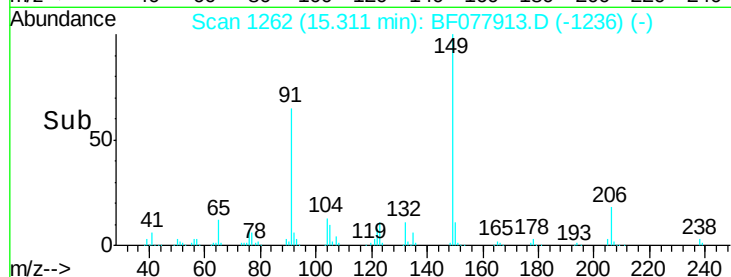
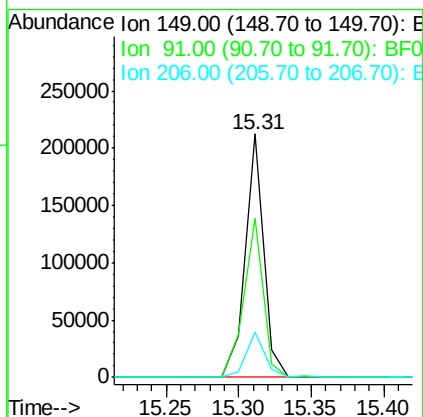
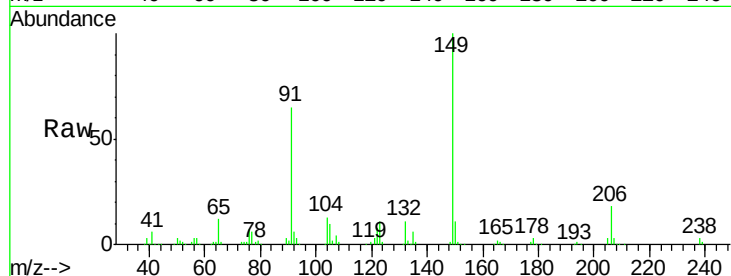




#79
Butylbenzylphthalate
Concen: 42.07 ng
RT: 15.31 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BF077913.D
Acq: 24 Mar 2015 16:01

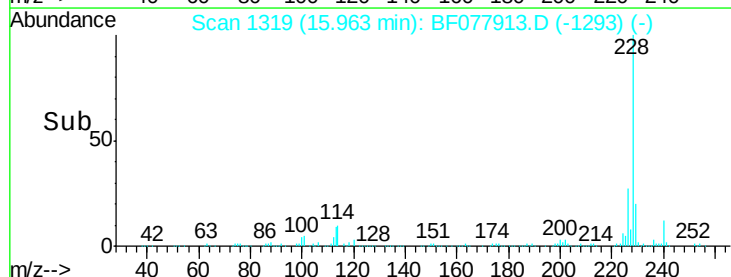
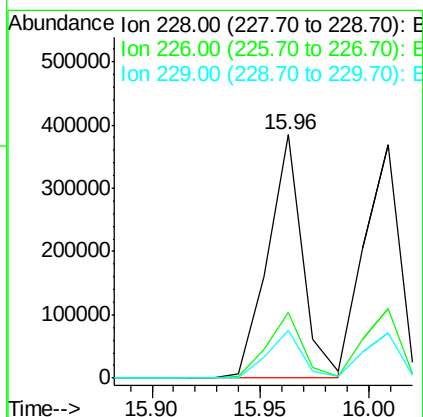
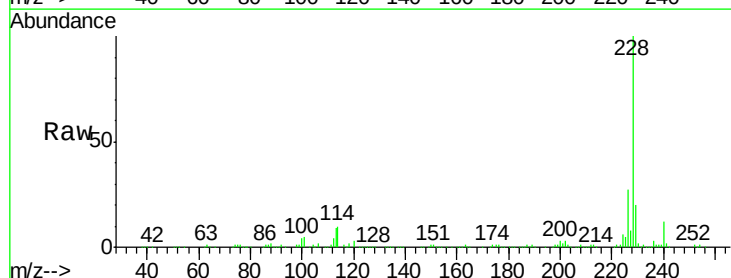
Instrument :
BNA_F
ClientSampleId :
PB82277BSD

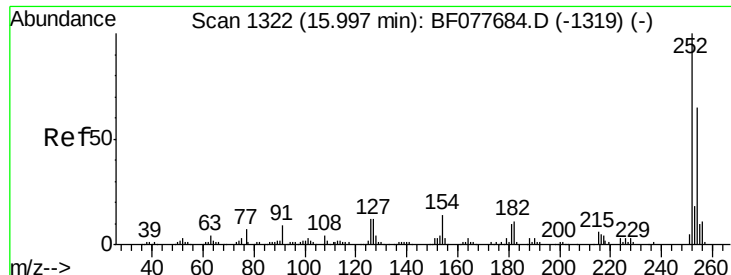
Tgt Ion:149 Resp: 187676
Ion Ratio Lower Upper
149 100
91 65.2 50.1 75.1
206 18.4 16.2 24.2



#80
Benzo(a)anthracene
Concen: 40.13 ng
RT: 15.96 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF077913.D
Acq: 24 Mar 2015 16:01

Tgt Ion:228 Resp: 428093
Ion Ratio Lower Upper
228 100
226 26.7 21.7 32.5
229 19.9 16.0 24.0

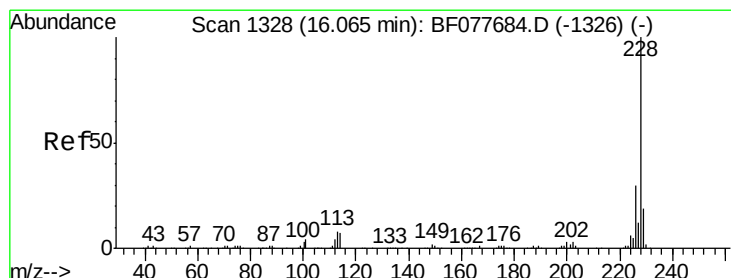
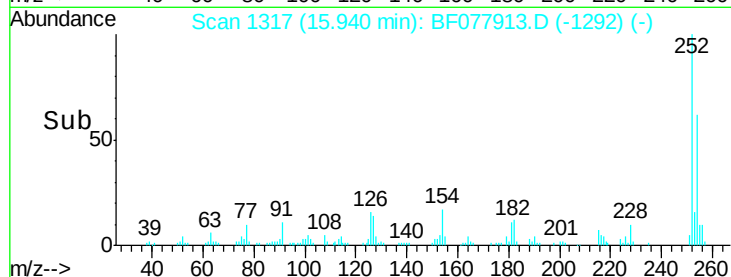
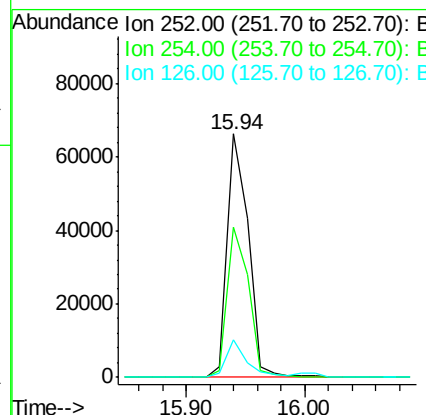
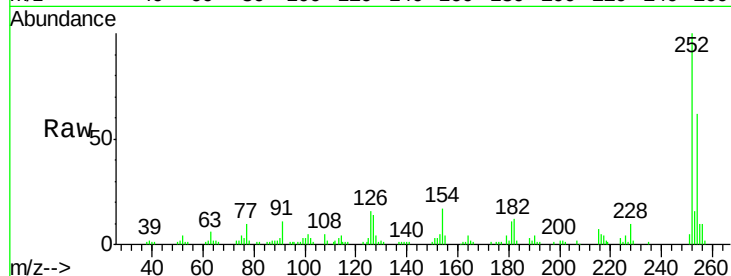




#81
 3,3'-Dichlorobenzidine
 Concen: 22.99 ng
 RT: 15.94 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF077913.D
 Acq: 24 Mar 2015 16:01

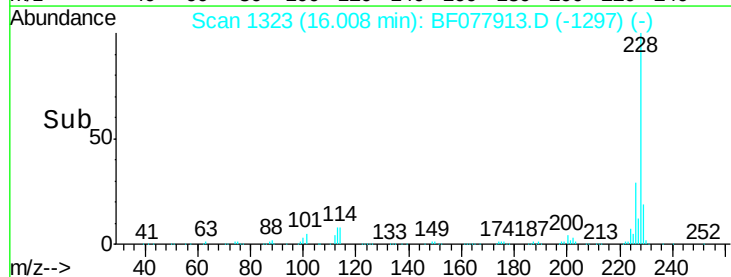
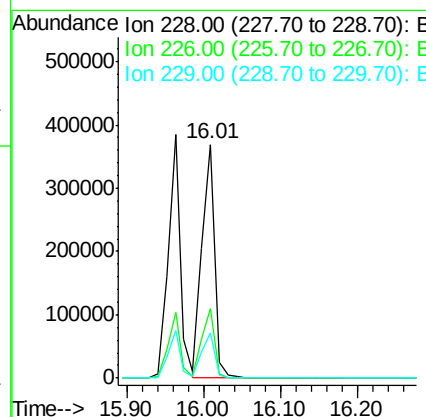
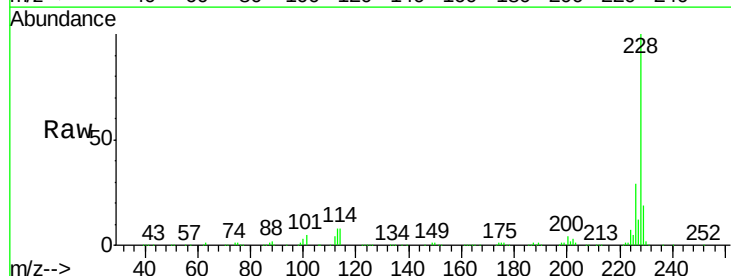
Instrument :
 BNA_F
 ClientSampleId :
 PB82277BSD

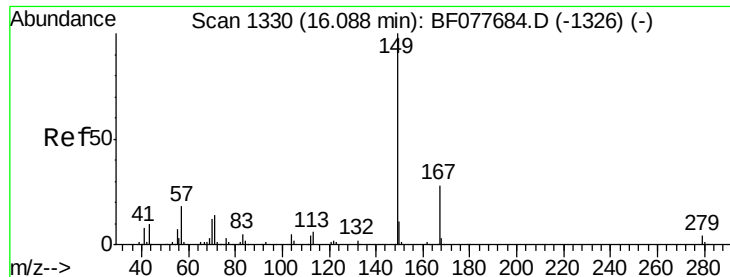
Tgt Ion: 252 Resp: 80905
 Ion Ratio Lower Upper
 252 100
 254 61.6 51.9 77.9
 126 15.7 9.8 14.8#



#82
 Chrysene
 Concen: 43.68 ng
 RT: 16.01 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: BF077913.D
 Acq: 24 Mar 2015 16:01

Tgt Ion: 228 Resp: 418922
 Ion Ratio Lower Upper
 228 100
 226 29.5 24.1 36.1
 229 19.4 15.5 23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.15 ng

RT: 16.03 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

Instrument :

BNA_F

ClientSampleId :

PB82277BSD

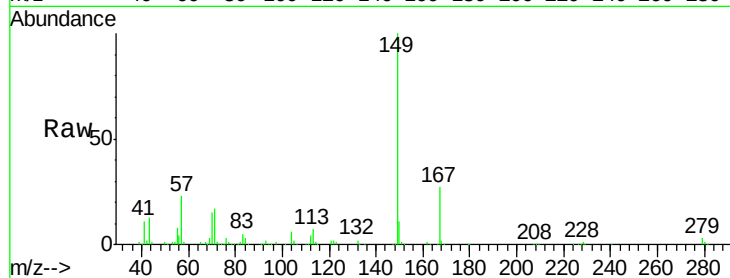
Tgt Ion:149 Resp: 284830

Ion Ratio Lower Upper

149 100

167 26.6 22.4 33.6

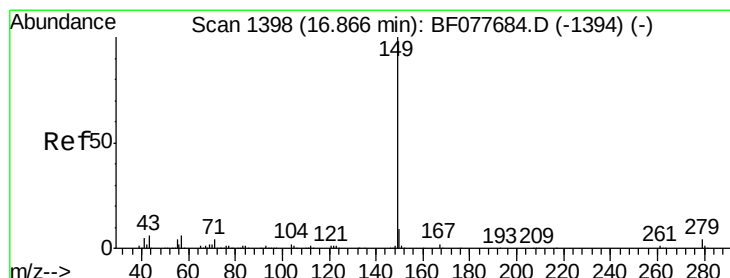
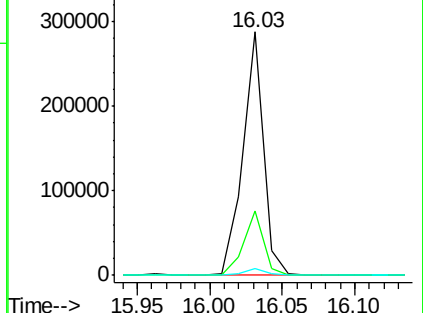
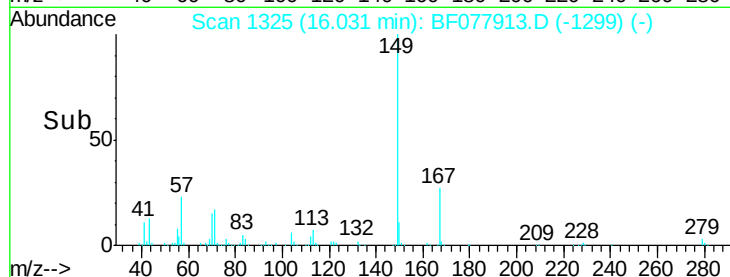
279 3.1 3.4 5.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.36 ng

RT: 16.82 min Scan# 1394

Delta R.T. 0.00 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

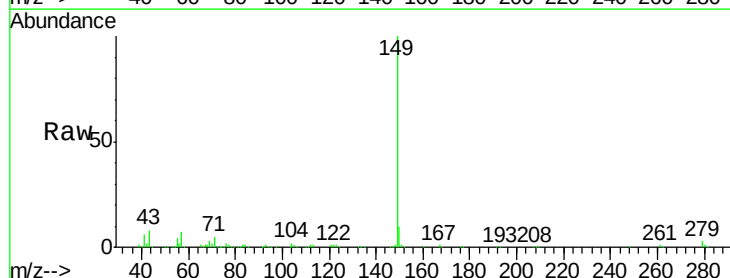
Tgt Ion:149 Resp: 477876

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

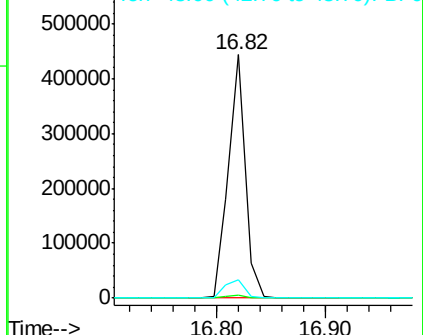
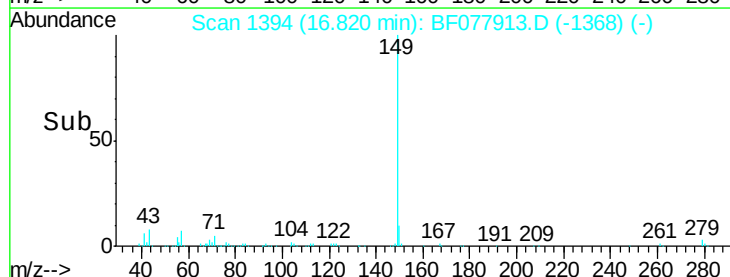
43 9.2 7.3 10.9

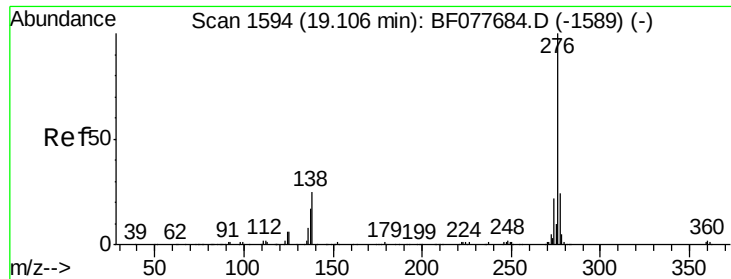


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 39.10 ng

RT: 19.05 min Scan# 1589

Delta R.T. -0.02 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

Instrument :

BNA_F

ClientSampleId :

PB82277BSD

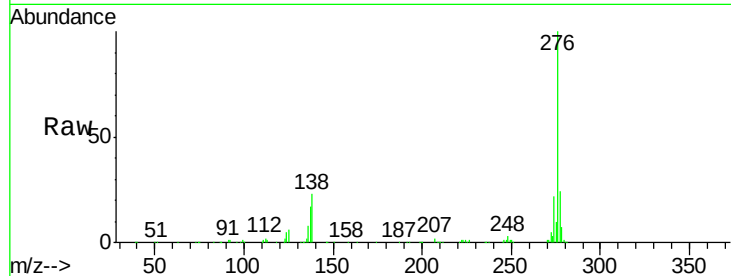
Tgt Ion:276 Resp: 468107

Ion Ratio Lower Upper

276 100

138 28.3 0.0 0.0#

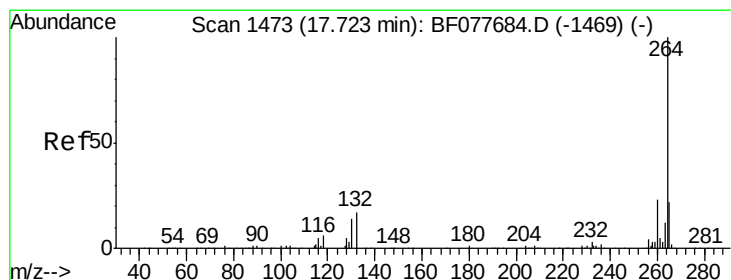
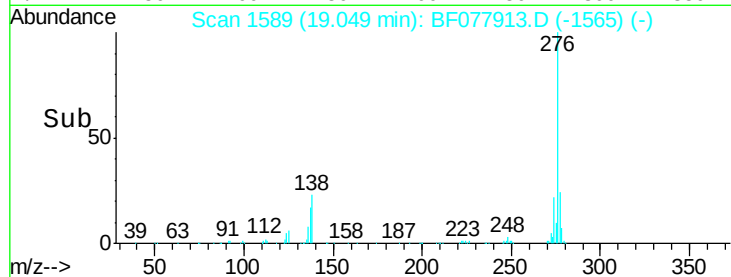
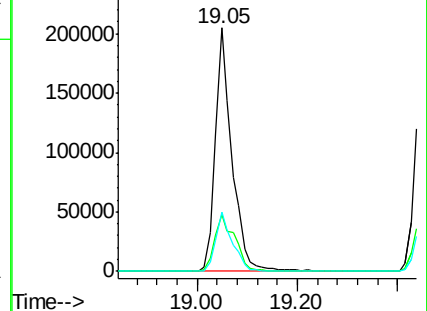
277 24.7 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.69 min Scan# 1470

Delta R.T. -0.01 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

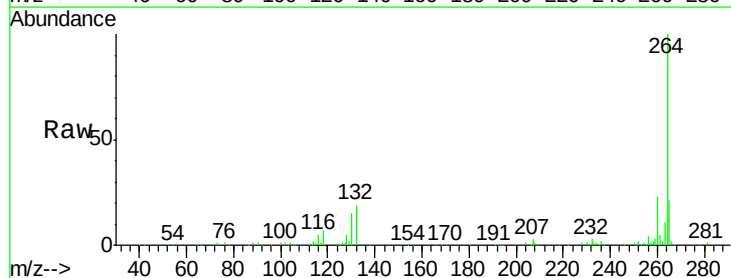
Tgt Ion:264 Resp: 171094

Ion Ratio Lower Upper

264 100

260 22.9 18.6 27.8

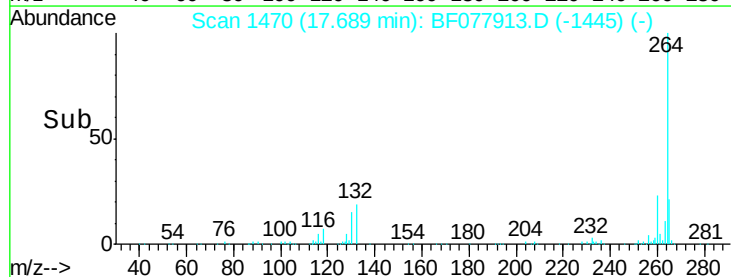
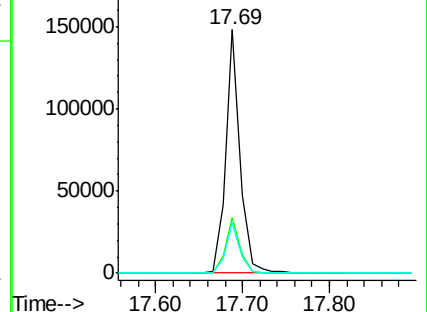
265 20.9 17.3 25.9

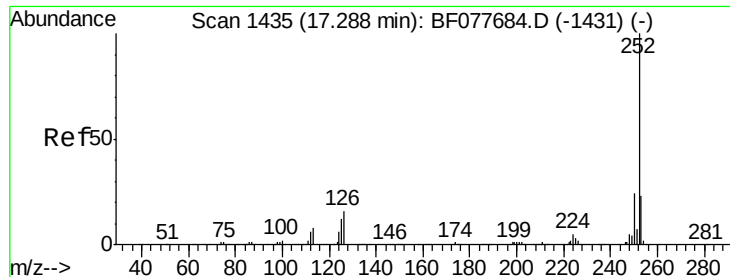


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

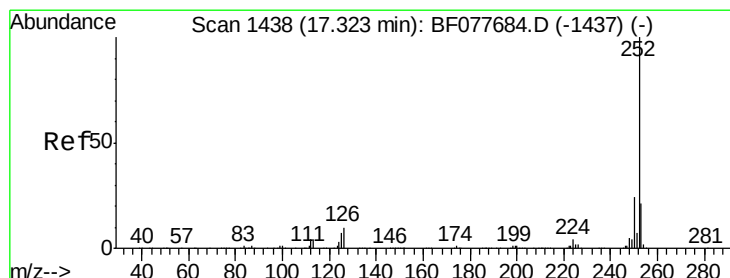
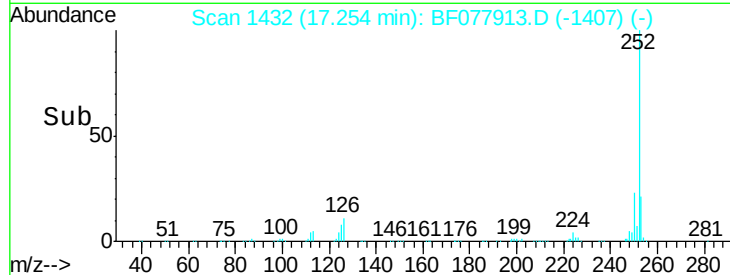
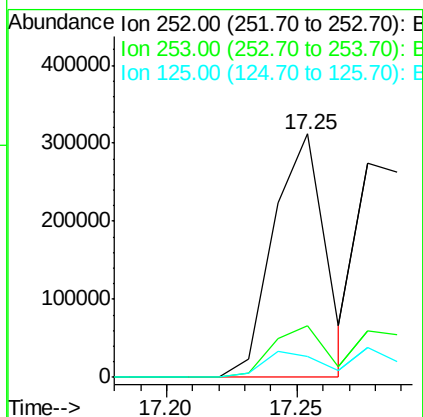
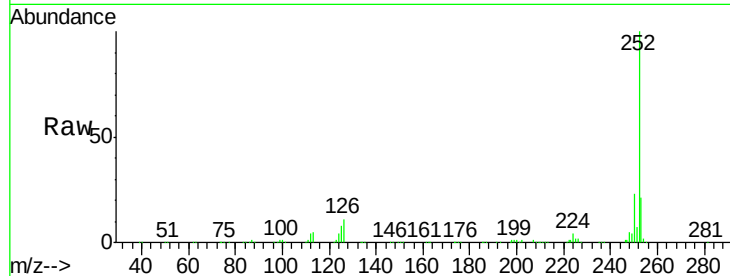




#87
Benzo(b)fluoranthene
Concen: 38.43 ng
RT: 17.25 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF077913.D
Acq: 24 Mar 2015 16:01

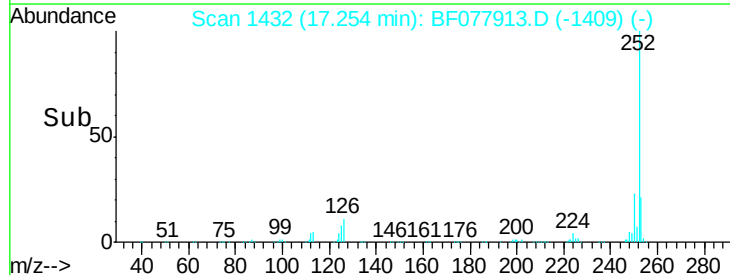
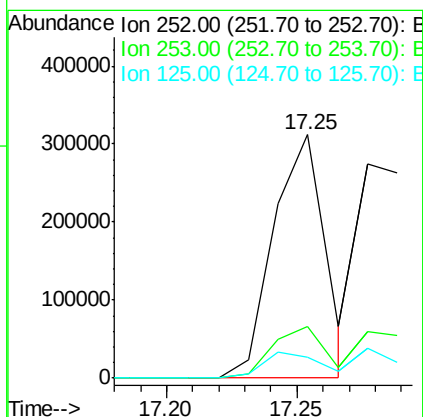
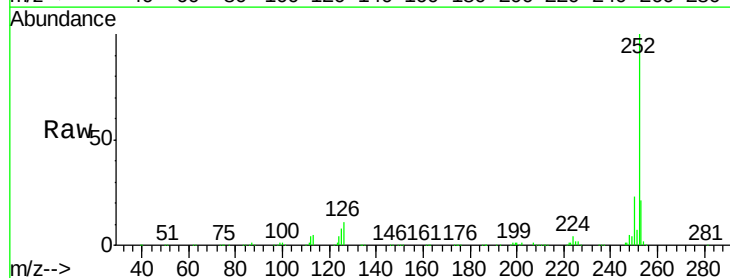
Instrument :
BNA_F
ClientSampleId :
PB82277BSD

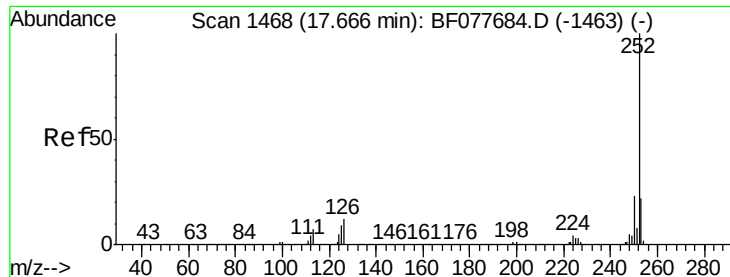
Tgt Ion:252 Resp: 429207
Ion Ratio Lower Upper
252 100
253 21.4 18.0 27.0
125 8.3 9.9 14.9#



#88
Benzo(k)fluoranthene
Concen: 49.20 ng
RT: 17.25 min Scan# 1432
Delta R.T. -0.03 min
Lab File: BF077913.D
Acq: 24 Mar 2015 16:01

Tgt Ion:252 Resp: 429207
Ion Ratio Lower Upper
252 100
253 21.4 17.2 25.8
125 8.3 8.1 12.1





#89

Benzo(a)pyrene

Concen: 43.92 ng

RT: 17.63 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

Instrument :

BNA_F

ClientSampleId :

PB82277BSD

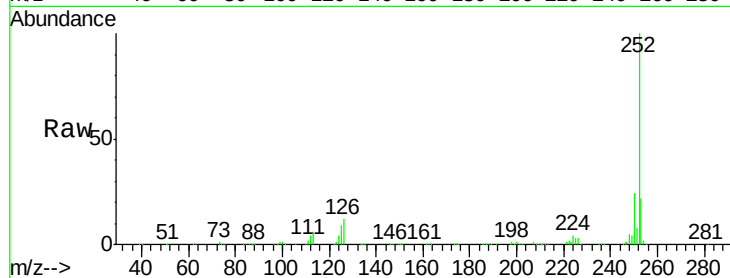
Tgt Ion:252 Resp: 409282

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

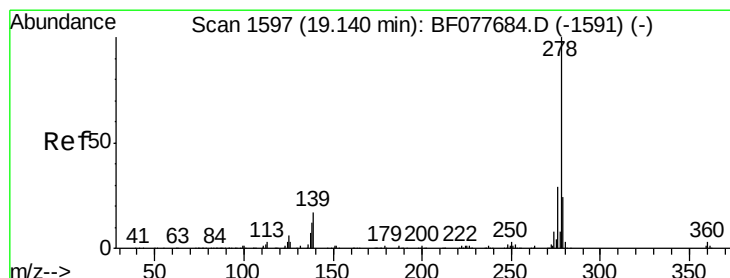
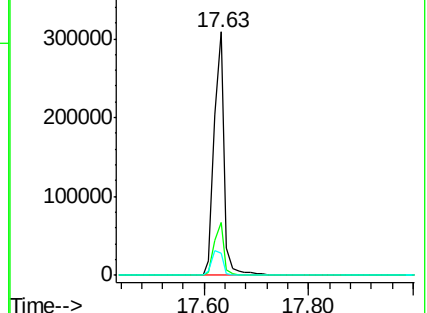
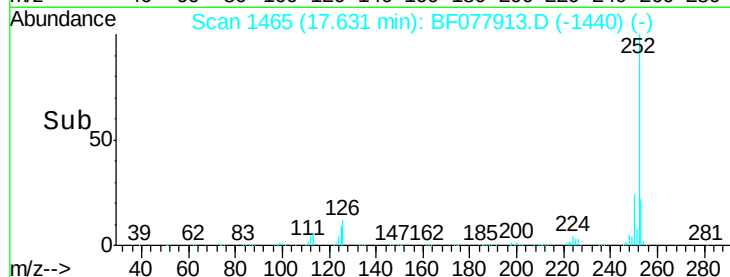
125 8.9 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.84 ng

RT: 19.07 min Scan# 1591

Delta R.T. -0.02 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

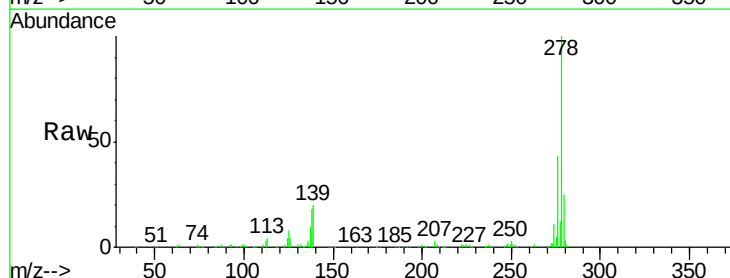
Tgt Ion:278 Resp: 386712

Ion Ratio Lower Upper

278 100

139 20.3 13.4 20.0#

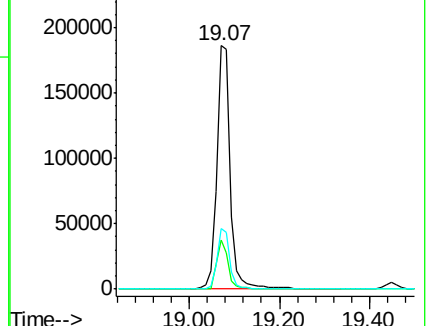
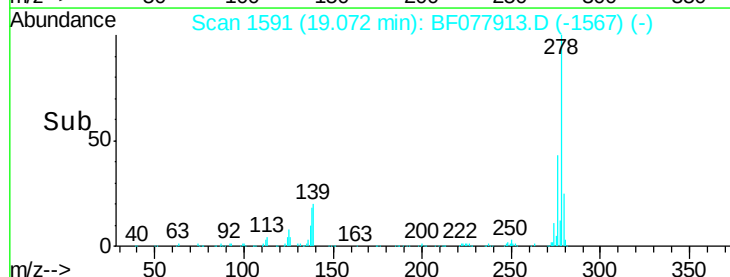
279 24.7 19.0 28.4

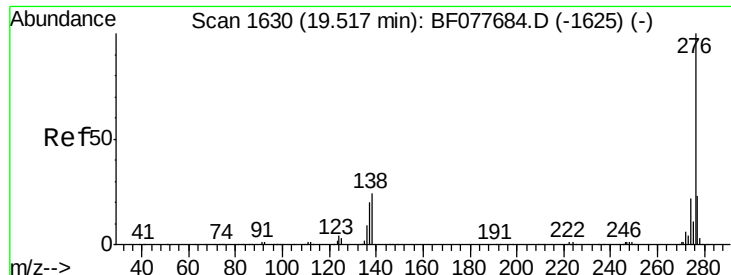


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 40.94 ng

RT: 19.45 min Scan# 1624

Delta R.T. -0.02 min

Lab File: BF077913.D

Acq: 24 Mar 2015 16:01

Instrument :

BNA_F

ClientSampleId :

PB82277BSD

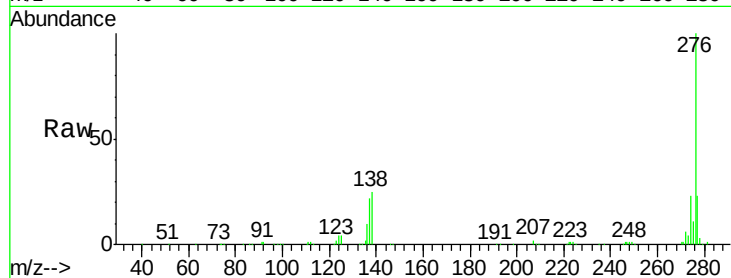
Tgt Ion:276 Resp: 385290

Ion Ratio Lower Upper

276 100

277 23.1 18.5 27.7

138 25.5 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

