

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060715\
 Data File : BF079811.D
 Acq On : 7 Jun 2015 13:29
 Operator : TP/IZ
 Sample : PB83832BS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83832BS

Quant Time: Jun 09 12:57:56 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 09 01:08:34 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	28731	20.00	ng	0.00
21) Naphthalene-d8	8.76	136	108619	20.00	ng	0.00
38) Acenaphthene-d10	10.55	164	54722	20.00	ng	0.00
63) Phenanthrene-d10	12.06	188	115179	20.00	ng	0.00
75) Chrysene-d12	15.07	240	114320	20.00	ng	0.09
86) Perylene-d12	17.05	264	103700	20.00	ng	0.15

System Monitoring Compounds

5) 2-Fluorophenol	6.09	112	246531	143.82	ng	0.00
7) Phenol-d6	7.07	99	340442	153.76	ng	0.00
23) Nitrobenzene-d5	8.03	82	181216	102.43	ng	0.00
41) 2,4,6-Tribromophenol	11.34	330	87092	166.40	ng	0.00
44) 2-Fluorobiphenyl	9.84	172	405389	100.37	ng	0.00
78) Terphenyl-d14	13.77	244	512374	102.65	ng	0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	42846	56.48	ng	98
3) Pyridine	4.26	79	70918	33.43	ng	95
4) n-Nitrosodimethylamine	4.17	42	56260	61.11	ng	80
6) Aniline	7.13	93	95345	29.67	ng	99
8) 2-Chlorophenol	7.26	128	91943	49.55	ng	100
9) Benzaldehyde	7.02	77	51793	36.12	ng	98
10) Phenol	7.08	94	117916	48.93	ng	91
11) bis(2-Chloroethyl)ether	7.19	93	88729	47.48	ng	99
12) 1,3-Dichlorobenzene	7.42	146	96902	41.71	ng	98
13) 1,4-Dichlorobenzene	7.50	146	108199	43.90	ng	100
14) 1,2-Dichlorobenzene	7.66	146	93071	40.42	ng	99
15) Benzyl Alcohol	7.60	79	79209	43.29	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.74	45	120840	42.75	ng	98
17) 2-Methylphenol	7.70	107	77165	44.59	ng	94
18) Hexachloroethane	8.00	117	33987	47.46	ng	97
19) n-Nitroso-di-n-propylamine	7.86	70	72052	46.90	ng	95
20) 3+4-Methylphenols	7.85	107	103992	47.15	ng	97
22) Acetophenone	7.87	105	137924	53.23	ng	# 97
24) Nitrobenzene	8.04	77	88765	50.30	ng	100
25) Isophorone	8.28	82	188019	52.07	ng	98
26) 2-Nitrophenol	8.38	139	31201	41.98	ng	# 96
27) 2,4-Dimethylphenol	8.39	122	91537	54.73	ng	94
28) bis(2-Chloroethoxy)methane	8.49	93	98477	44.13	ng	# 97
29) 2,4-Dichlorophenol	8.60	162	78364	52.23	ng	99
30) 1,2,4-Trichlorobenzene	8.71	180	88356	48.49	ng	99
31) Naphthalene	8.79	128	254008m	44.58	ng	
32) Benzoic acid	8.44	122	28641	44.36	ng	95
33) 4-Chloroaniline	8.82	127	72206m	24.94	ng	
34) Hexachlorobutadiene	8.90	225	50689	45.73	ng	95
35) Caprolactam	9.15	113	22294	48.78	ng	94
36) 4-Chloro-3-methylphenol	9.29	107	85179	50.81	ng	90
37) 2-Methylnaphthalene	9.48	142	193222	53.34	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.66	216	91177	53.50	ng	# 98
40) Hexachlorocyclopentadiene	9.64	237	99068	135.20	ng	97

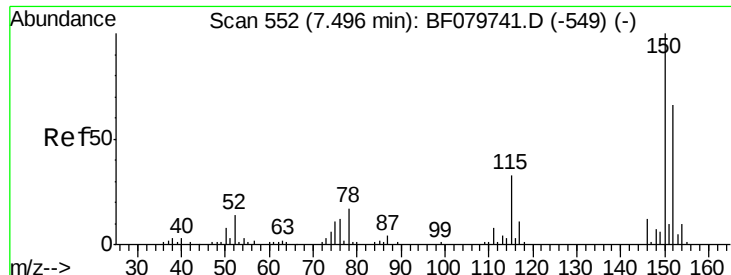
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060715\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.76	196	55188	48.69	ng	97
43) 2,4,5-Trichlorophenol	9.79	196	62497	52.41	ng	95
45) 1,1'-Biphenyl	9.94	154	227017	47.69	ng	97
46) 2-Chloronaphthalene	9.98	162	174499	44.90	ng	99
47) 2-Nitroaniline	10.06	65	41546	50.96	ng	97
48) Acenaphthylene	10.40	152	280874	43.71	ng	99
49) Dimethylphthalate	10.23	163	217787	51.67	ng	99
50) 2,6-Dinitrotoluene	10.30	165	41054	56.32	ng	98
51) Acenaphthene	10.58	154	169840	46.67	ng	98
52) 3-Nitroaniline	10.47	138	35486	39.86	ng	94
53) 2,4-Dinitrophenol	10.57	184	18003	78.07	ng	80
54) Dibenzofuran	10.75	168	252046	48.90	ng	99
55) 4-Nitrophenol	10.60	139	68884	103.59	ng	# 78
56) 2,4-Dinitrotoluene	10.71	165	51944	58.46	ng	99
57) Fluorene	11.10	166	220021	49.32	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.86	232	46353	48.02	ng	95
59) Diethylphthalate	10.94	149	229078	55.57	ng	98
60) 4-Chlorophenyl-phenylether	11.07	204	97343	48.15	ng	91
61) 4-Nitroaniline	11.08	138	42790	47.57	ng	93
62) Azobenzene	11.23	77	193293	46.40	ng	99
64) 4,6-Dinitro-2-methylphenol	11.12	198	15708	50.73	ng	90
65) n-Nitrosodiphenylamine	11.19	169	176112	45.78	ng	99
66) 4-Bromophenyl-phenylether	11.58	248	65099	52.20	ng	97
67) Hexachlorobenzene	11.66	284	65436	46.65	ng	# 63
68) Atrazine	11.71	200	56801	49.13	ng	96
69) Pentachlorophenol	11.85	266	67073	87.80	ng	98
70) Phenanthrene	12.08	178	316088	46.87	ng	97
71) Anthracene	12.14	178	330283	49.67	ng	99
72) Carbazole	12.28	167	307274	48.62	ng	97
73) Di-n-butylphthalate	12.62	149	332471	46.41	ng	# 79
74) Fluoranthene	13.36	202	340570	46.13	ng	99
76) Benzidine	13.47	184	147901	40.99	ng	98
77) Pyrene	13.62	202	347407	49.57	ng	98
79) Butylbenzylphthalate	14.32	149	142512	51.01	ng	98
80) Benzo(a)anthracene	15.06	228	335947	48.01	ng	97
81) 3,3'-Dichlorobenzidine	15.01	252	77122	32.44	ng	99
82) Chrysene	15.11	228	320445	49.53	ng	98
83) Bis(2-ethylhexyl)phthalate	15.03	149	211270	47.86	ng	97
84) Di-n-octyl phthalate	15.86	149	345535	44.44	ng	97
85) Indeno(1,2,3-cd)pyrene	19.04	276	321334	42.91	ng	97
87) Benzo(b)fluoranthene	16.47	252	313333	48.64	ng	99
88) Benzo(k)fluoranthene	16.51	252	307995m	49.85	ng	
89) Benzo(a)pyrene	16.96	252	304260	51.16	ng	98
90) Dibenzo(a,h)anthracene	19.06	278	270902	47.20	ng	99
91) Benzo(g,h,i)perylene	19.65	276	275314	46.40	ng	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.47 min Scan# 550

Delta R.T. -0.00 min

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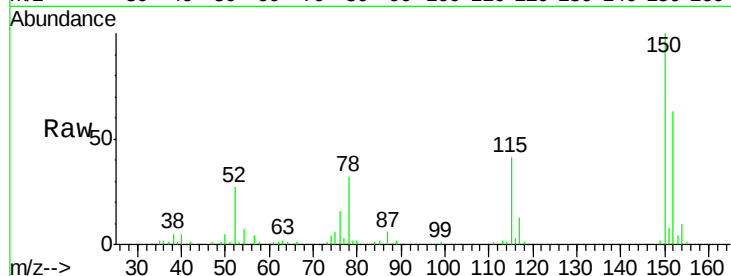
Tgt Ion:152 Resp: 28731

Ion Ratio Lower Upper

152 100

150 159.9 128.1 192.1

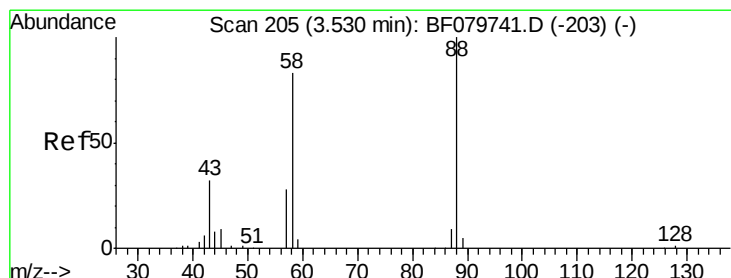
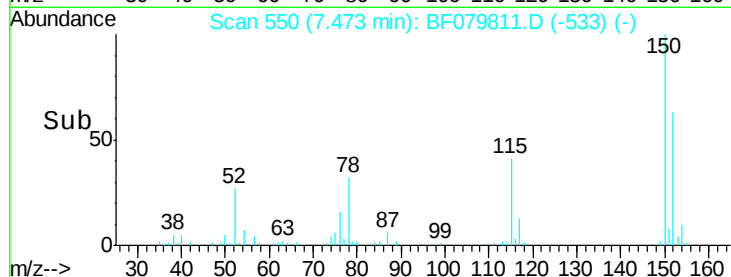
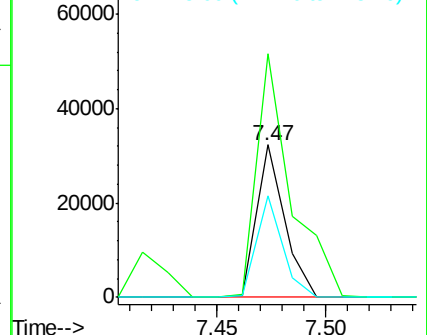
115 66.3 49.7 74.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 56.48 ng

RT: 3.53 min Scan# 205

Delta R.T. 0.01 min

Lab File: BF079811.D

Acq: 7 Jun 2015 13:29

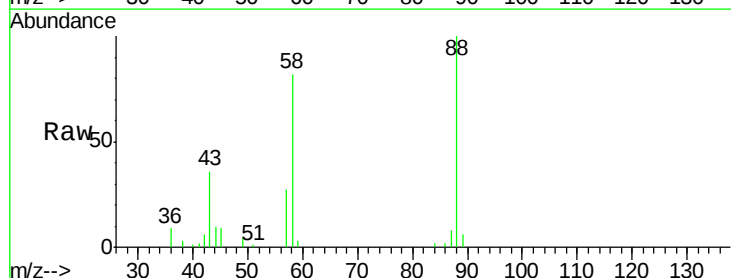
Tgt Ion: 88 Resp: 42846

Ion Ratio Lower Upper

88 100

58 81.4 64.2 96.4

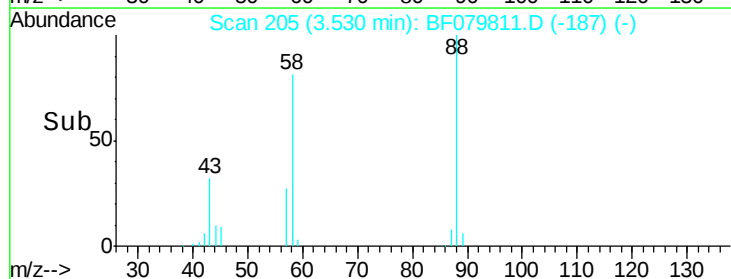
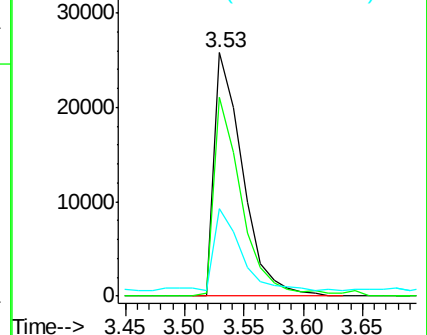
43 33.6 25.1 37.7

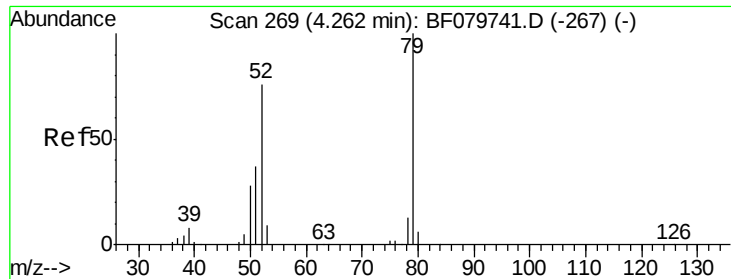


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 33.43 ng

RT: 4.26 min Scan# 269

Delta R.T. 0.01 min

Lab File: BF079811.D

Acq: 7 Jun 2015 13:29

Instrument :

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ClientSampleId :

PB83832BS

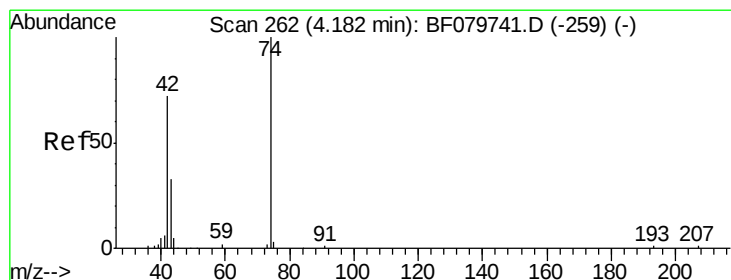
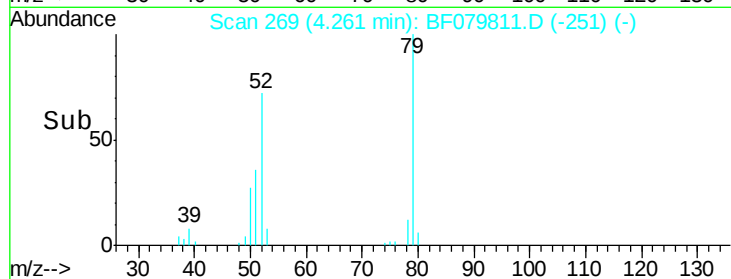
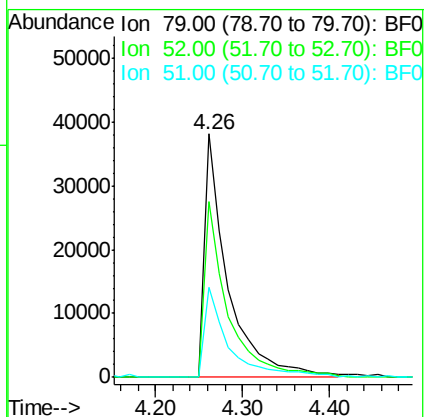
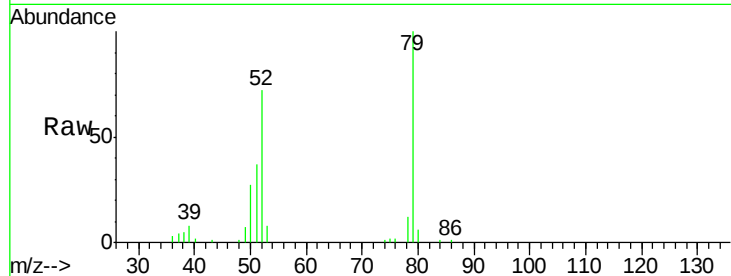
Tgt Ion: 79 Resp: 70918

Ion Ratio Lower Upper

79 100

52 72.3 63.1 94.7

51 37.0 29.3 43.9



#4

n-Nitrosodimethylamine

Concen: 61.11 ng

RT: 4.17 min Scan# 261

Delta R.T. -0.00 min

Lab File: BF079811.D

Acq: 7 Jun 2015 13:29

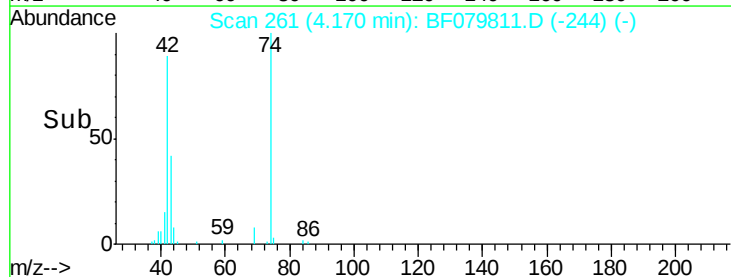
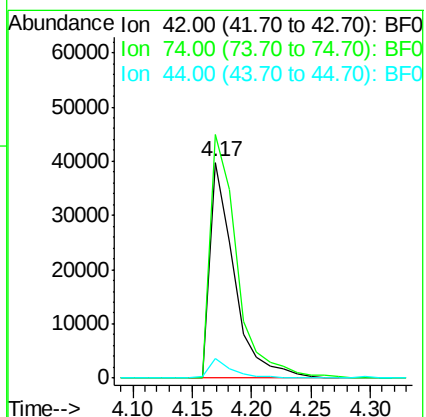
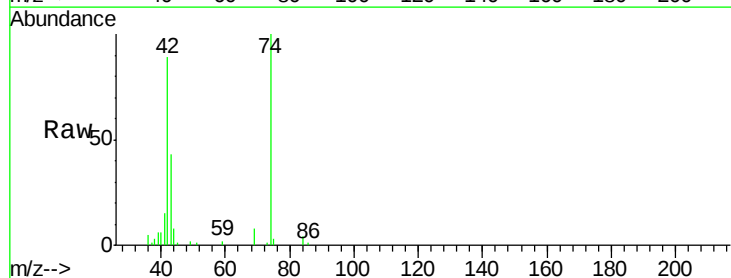
Tgt Ion: 42 Resp: 56260

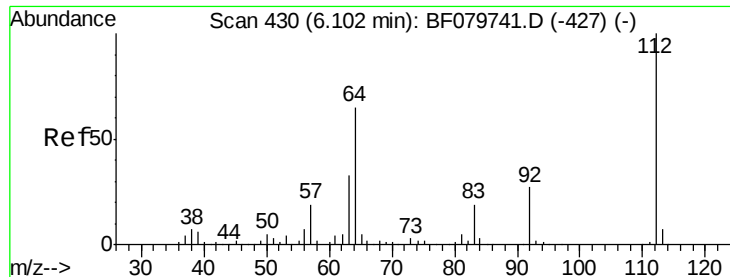
Ion Ratio Lower Upper

42 100

74 112.8 110.6 165.8

44 8.9 6.2 9.2





#5

2-Fluorophenol

Concen: 143.82 ng

RT: 6.09 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF079811.D

Acq: 7 Jun 2015 13:29

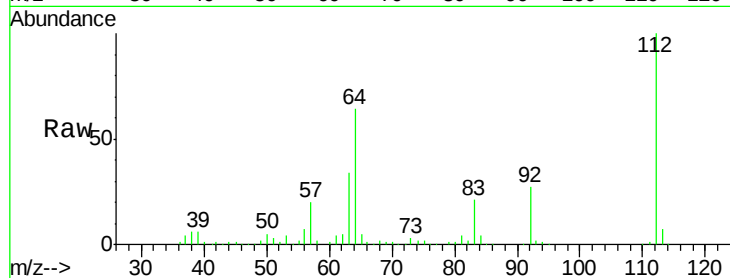
Instrument :

BNA_F

ClientSampleId :

PB83832BS

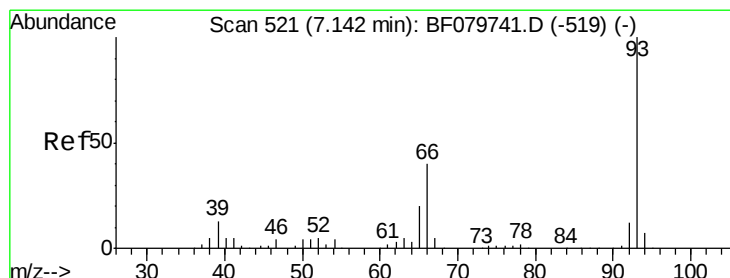
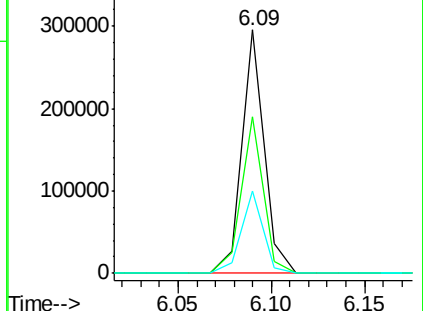
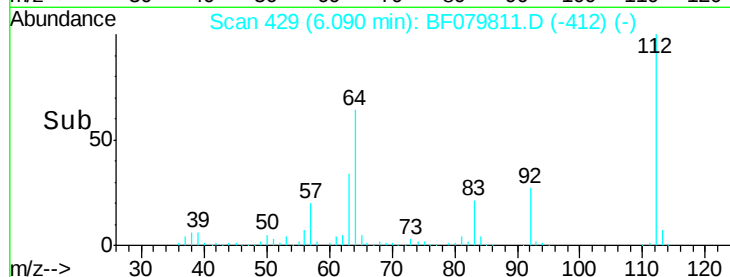
Tgt Ion:	112	Resp:	246531
Ion	Ratio	Lower	Upper
112	100		
64	64.4	49.6	74.4
63	33.6	24.9	37.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 29.67 ng

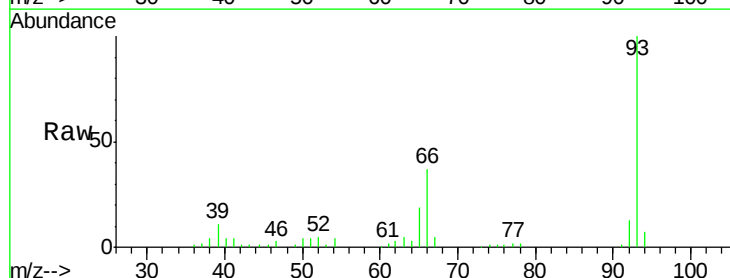
RT: 7.13 min Scan# 520

Delta R.T. -0.00 min

Lab File: BF079811.D

Acq: 7 Jun 2015 13:29

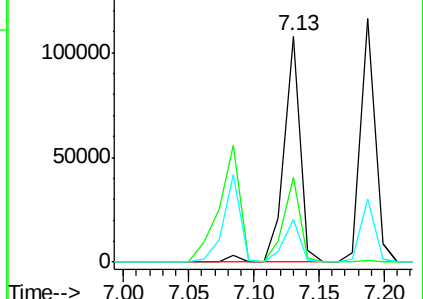
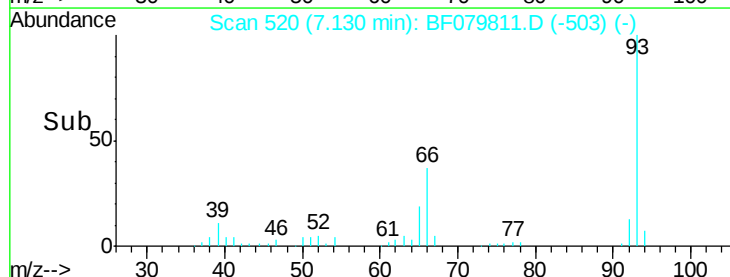
Tgt Ion:	93	Resp:	95345
Ion	Ratio	Lower	Upper
93	100		
66	37.4	30.3	45.5
65	18.8	15.8	23.6

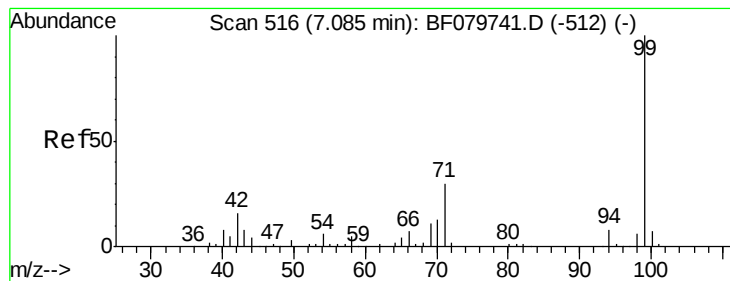


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 153.76 ng

RT: 7.07 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF079811.D

Acq: 7 Jun 2015 13:29

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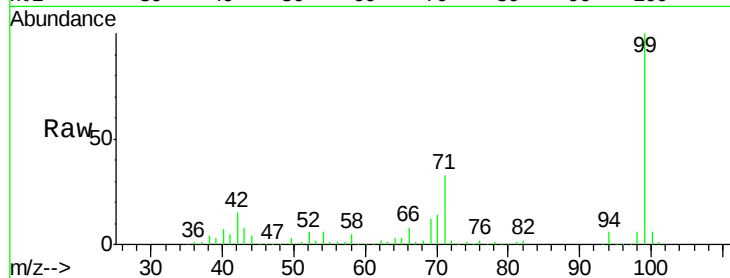
Tgt Ion: 99 Resp: 340442

Ion Ratio Lower Upper

99 100

42 15.2 18.0 27.0#

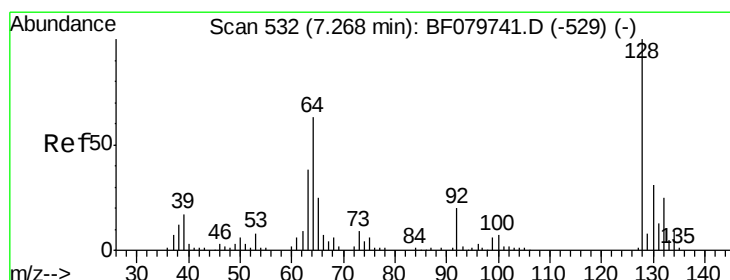
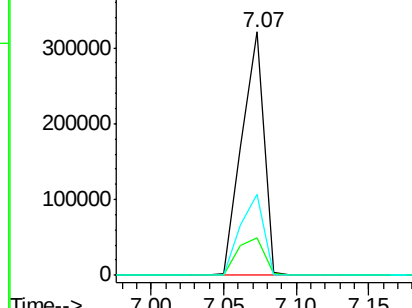
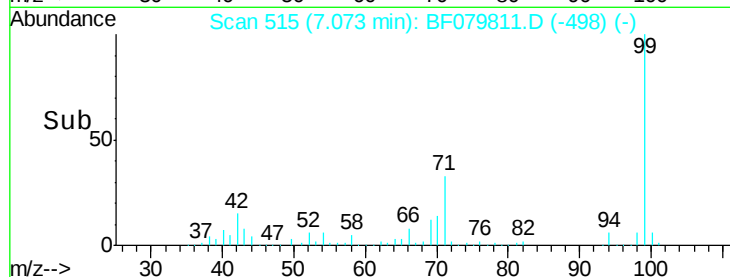
71 33.1 28.4 42.6



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: 49.55 ng

RT: 7.26 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF079811.D

Acq: 7 Jun 2015 13:29

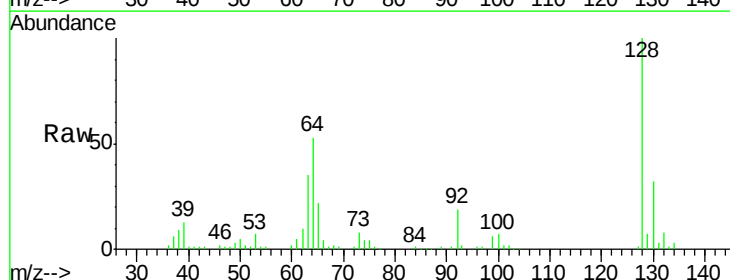
Tgt Ion: 128 Resp: 91943

Ion Ratio Lower Upper

128 100

130 31.9 12.3 52.3

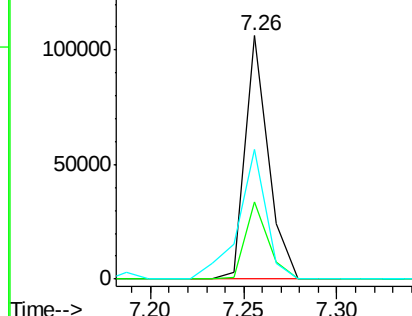
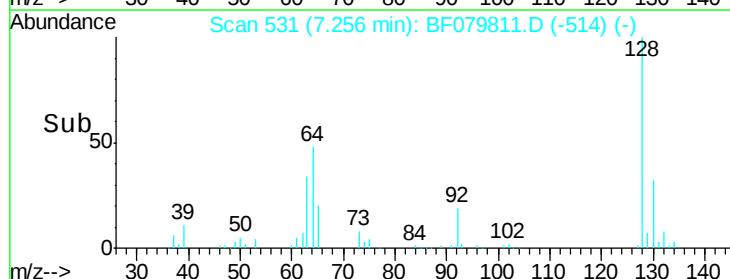
64 53.1 33.3 73.3

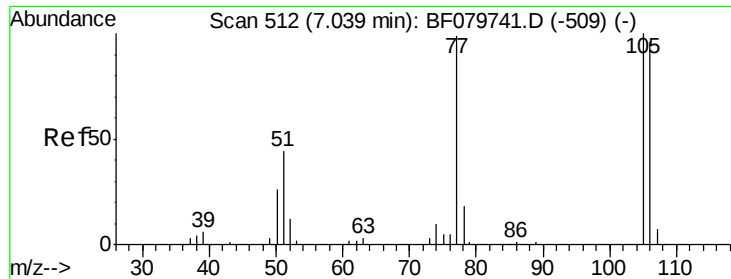


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 36.12 ng

RT: 7.02 min Scan# 510

Delta R.T. -0.01 min

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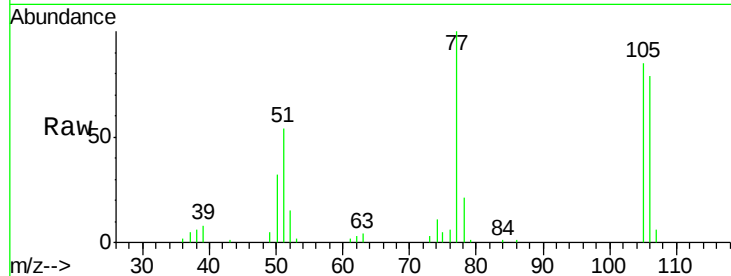
Tgt Ion: 77 Resp: 51793

Ion Ratio Lower Upper

77 100

105 85.5 66.1 106.1

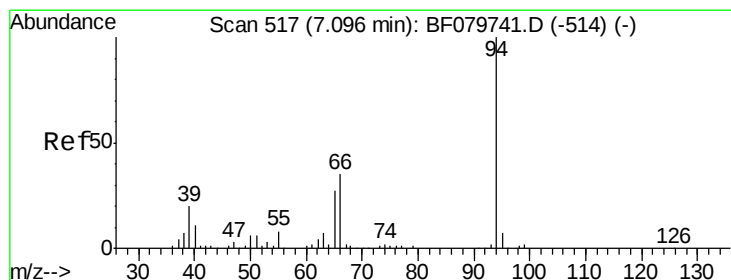
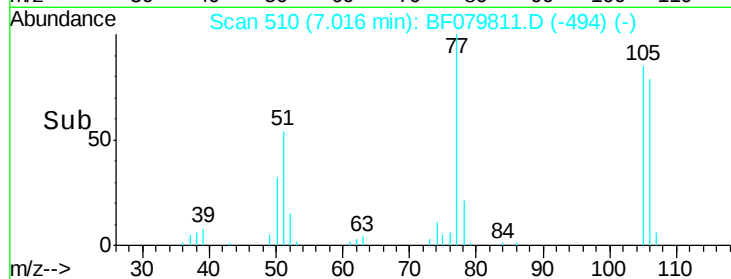
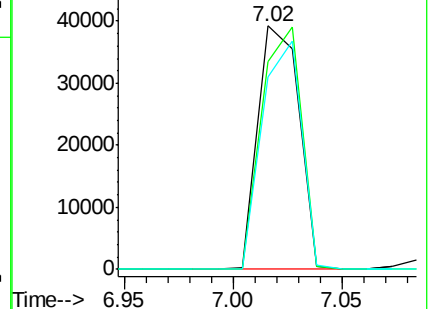
106 78.9 61.9 101.9



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: 48.93 ng

RT: 7.08 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF079811.D

Acq: 7 Jun 2015 13:29

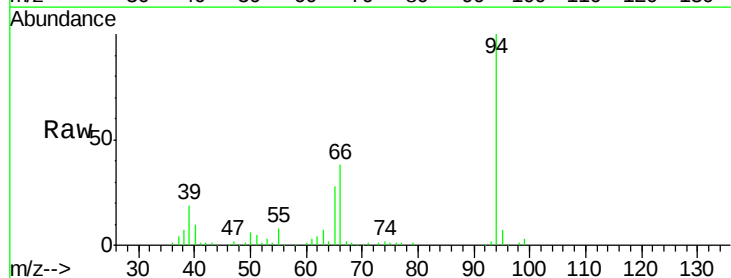
Tgt Ion: 94 Resp: 117916

Ion Ratio Lower Upper

94 100

65 28.2 5.3 45.3

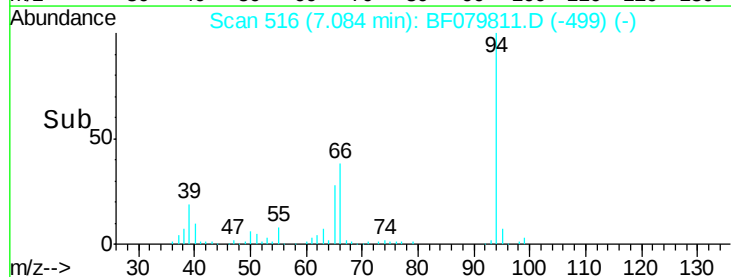
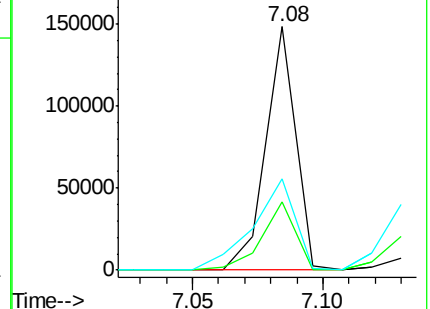
66 37.5 11.3 51.3

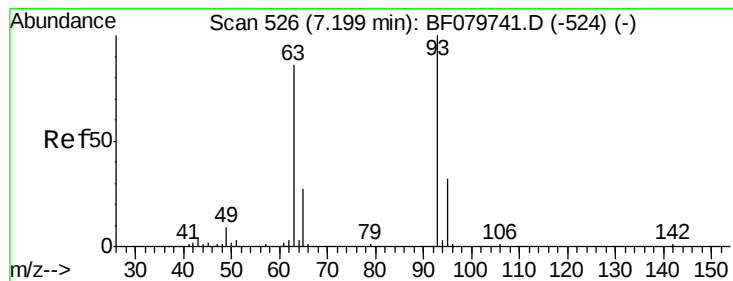


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

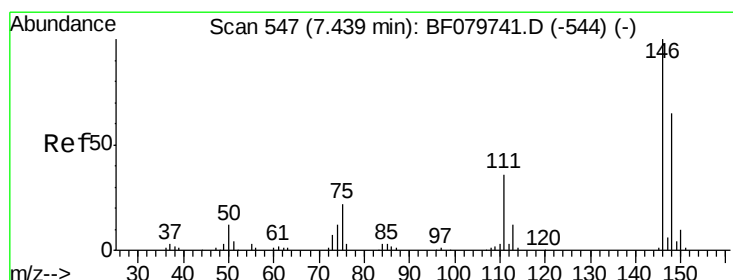
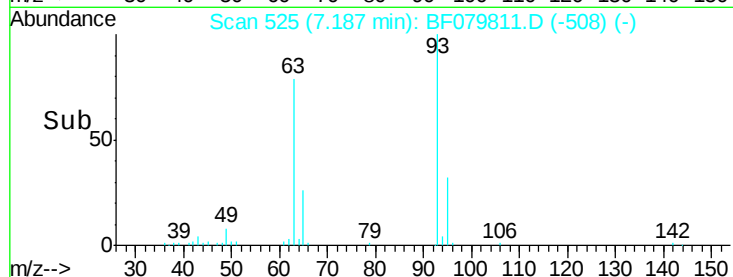
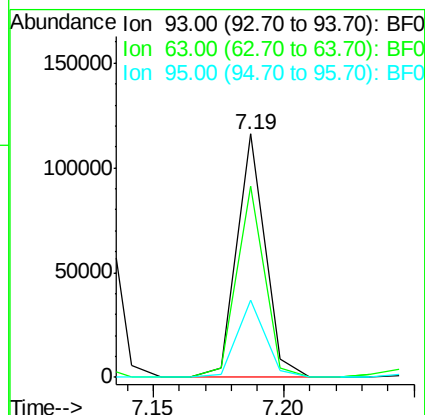
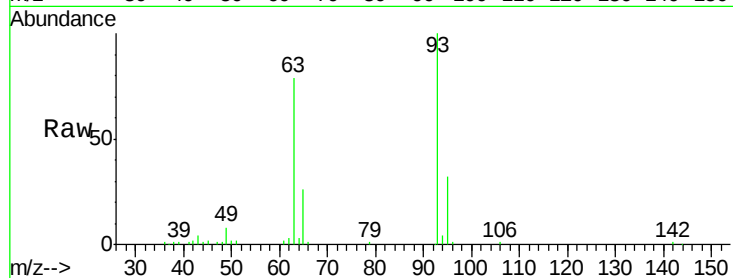




#11
bis(2-Chloroethyl)ether
Concen: 47.48 ng
RT: 7.19 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF079811.D
Acq: 7 Jun 2015 13:29

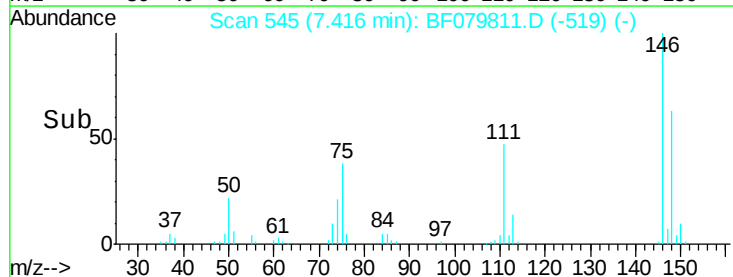
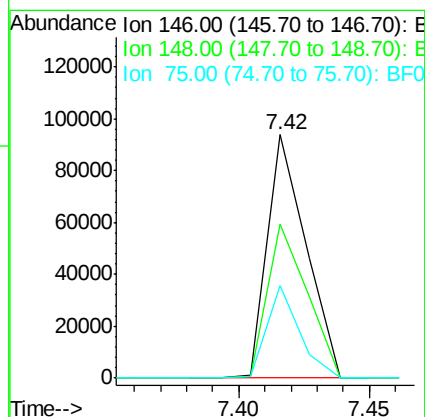
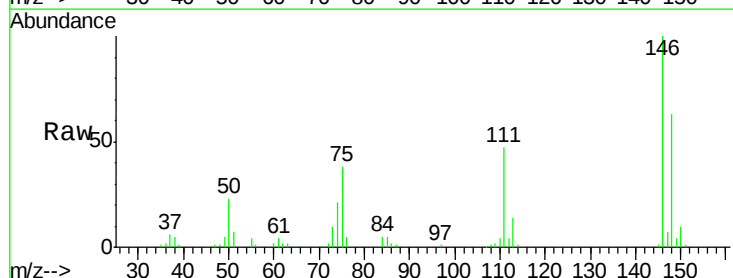
Instrument :
BNA_F
ClientSampleId :
PB83832BS

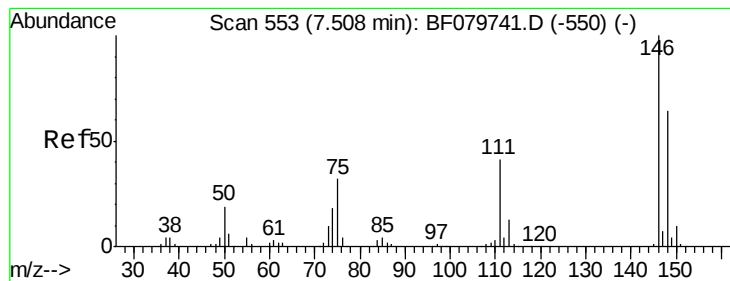
Tgt Ion: 93 Resp: 88729
Ion Ratio Lower Upper
93 100
63 78.7 58.7 98.7
95 31.9 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 41.71 ng
RT: 7.42 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF079811.D
Acq: 7 Jun 2015 13:29

Tgt Ion: 146 Resp: 96902
Ion Ratio Lower Upper
146 100
148 63.2 51.6 77.4
75 38.1 29.0 43.6





#13

1,4-Dichlorobenzene

Concen: 43.90 ng

RT: 7.50 min Scan# 552

Delta R.T. -0.00 min

Lab File: BF079811.D

Acq: 7 Jun 2015 13:29

Instrument :

BNA_F

ClientSampleId :

PB83832BS

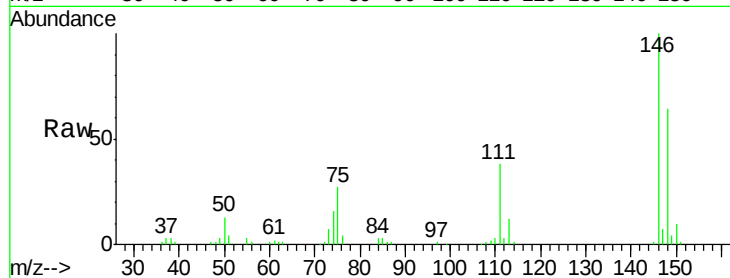
Tgt Ion:146 Resp: 108199

Ion Ratio Lower Upper

146 100

148 64.4 51.4 77.0

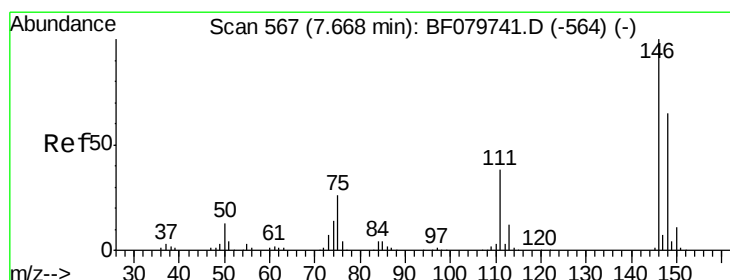
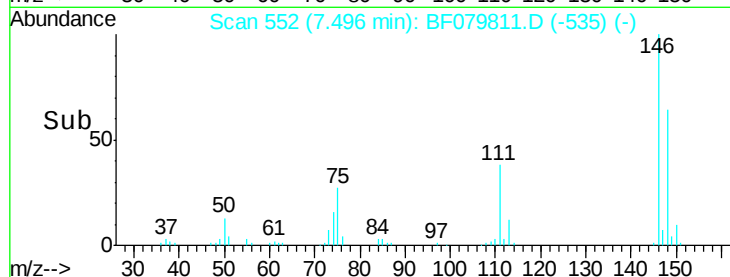
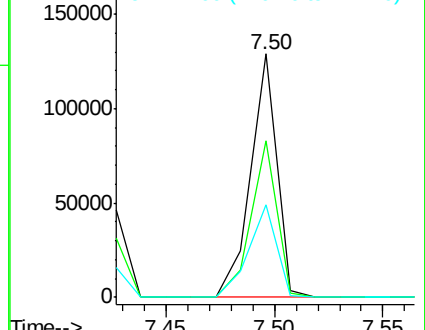
111 38.0 30.1 45.1



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: 40.42 ng

RT: 7.66 min Scan# 566

Delta R.T. -0.00 min

Lab File: BF079811.D

Acq: 7 Jun 2015 13:29

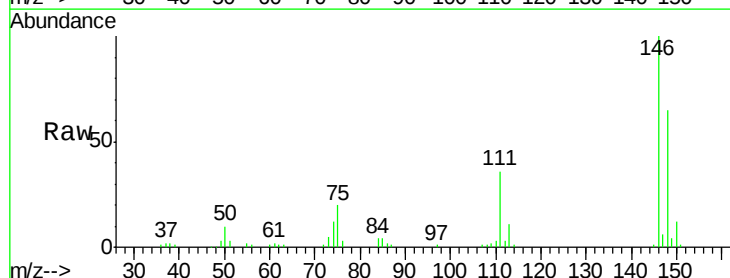
Tgt Ion:146 Resp: 93071

Ion Ratio Lower Upper

146 100

148 64.9 52.2 78.4

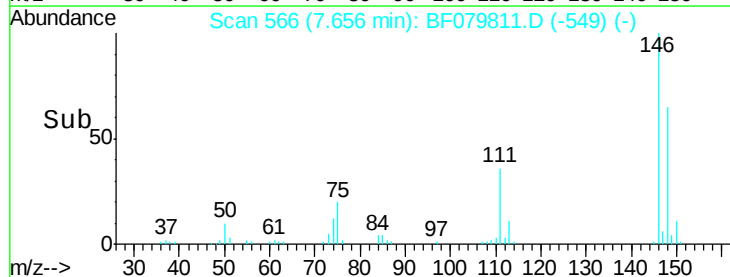
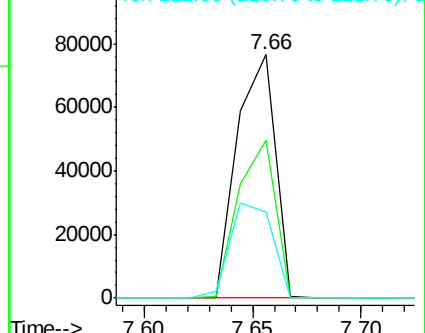
111 35.5 27.9 41.9

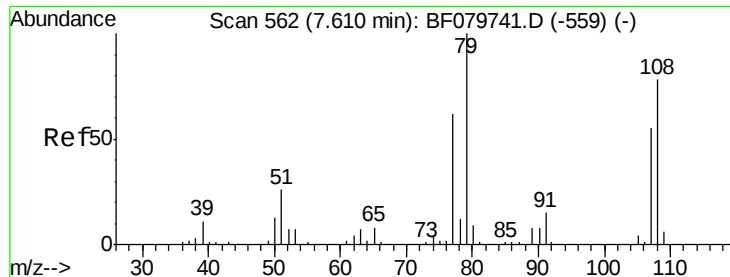


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.29 ng

RT: 7.60 min Scan# 561

Delta R.T. -0.00 min

Lab File: BF079811.D

Acq: 7 Jun 2015 13:29

Instrument :

BNA_F

ClientSampleId :

PB83832BS

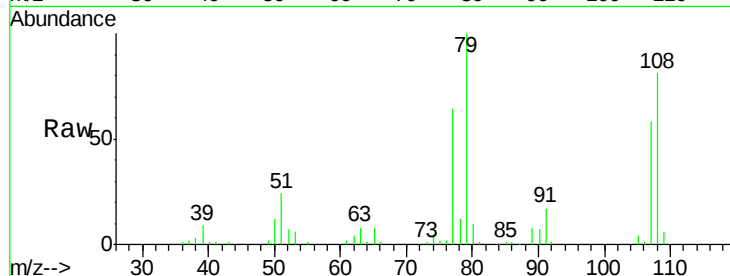
Tgt Ion: 79 Resp: 79209

Ion Ratio Lower Upper

79 100

108 81.4 68.4 102.6

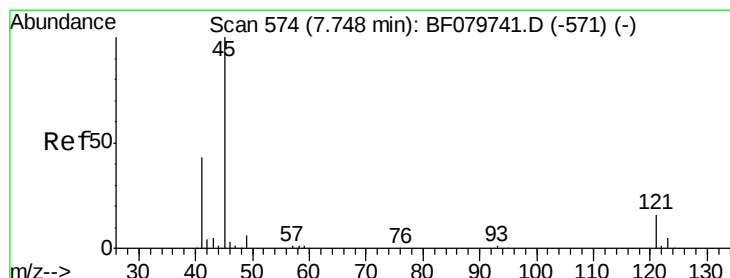
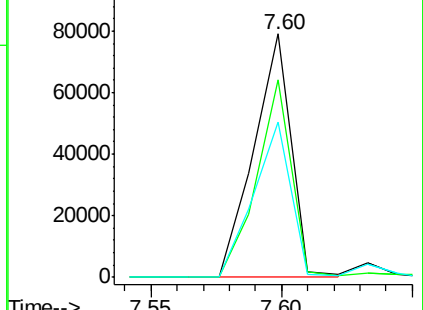
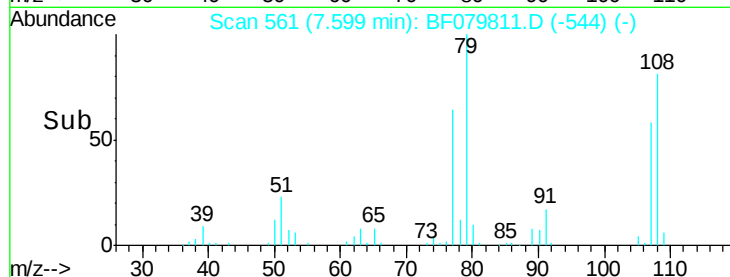
77 63.9 50.0 75.0



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: 42.75 ng

RT: 7.74 min Scan# 573

Delta R.T. -0.00 min

Lab File: BF079811.D

Acq: 7 Jun 2015 13:29

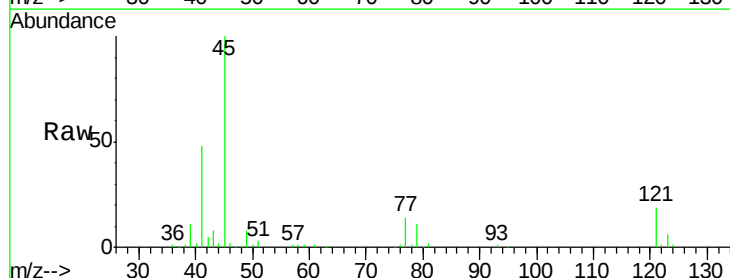
Tgt Ion: 45 Resp: 120840

Ion Ratio Lower Upper

45 100

77 13.7 0.0 32.7

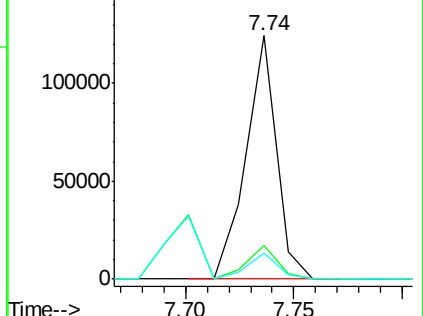
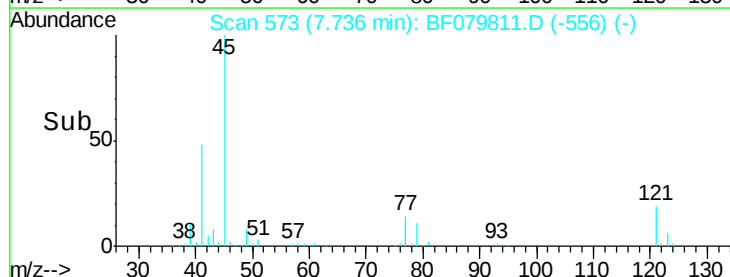
79 10.8 0.0 29.9

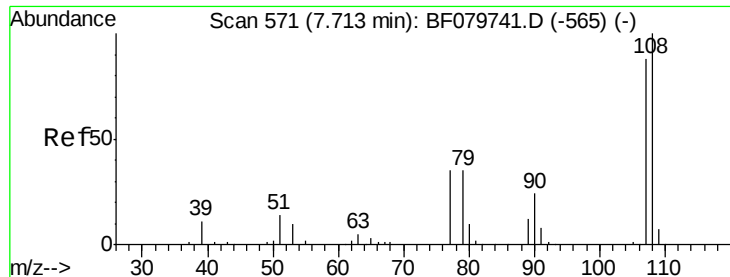


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

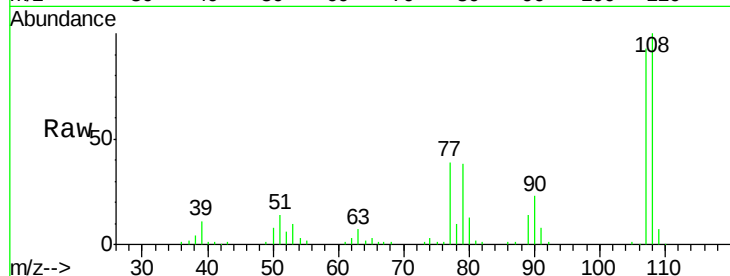




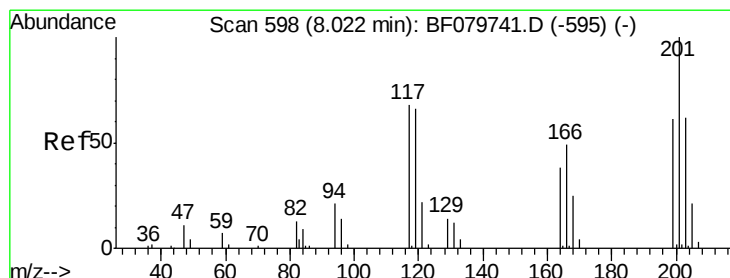
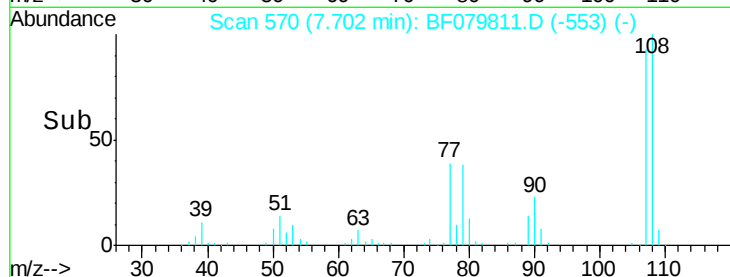
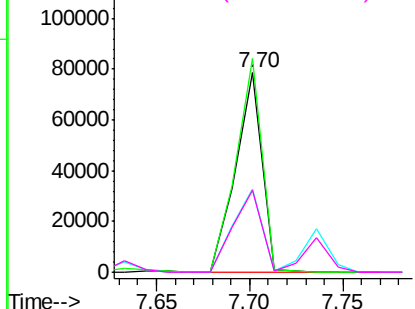
#17
2-Methylphenol
Concen: 44.59 ng
RT: 7.70 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF079811.D
Acq: 7 Jun 2015 13:29

Instrument :
BNA_F
ClientSampleId :
PB83832BS

Tgt Ion:107 Resp: 77165
Ion Ratio Lower Upper
107 100
108 107.0 91.8 137.8
77 41.8 31.4 47.2
79 41.2 31.3 46.9

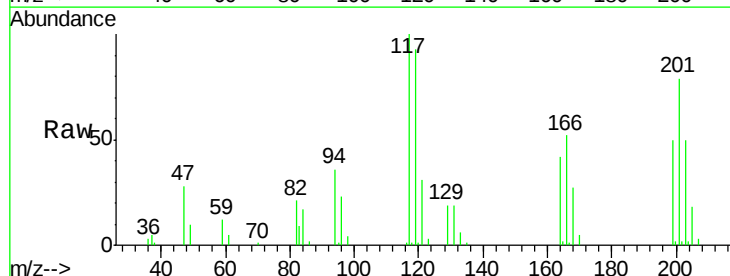


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

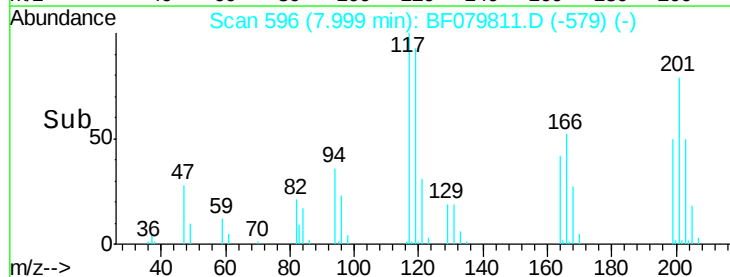
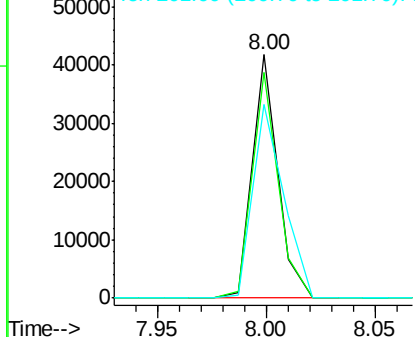


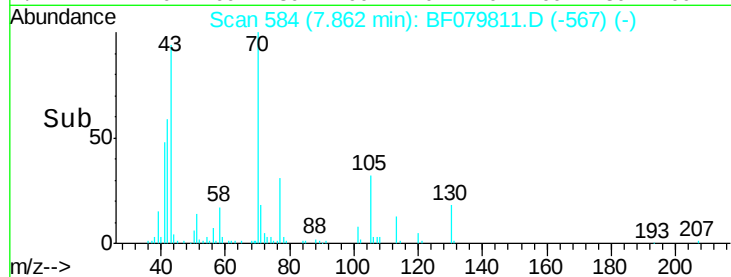
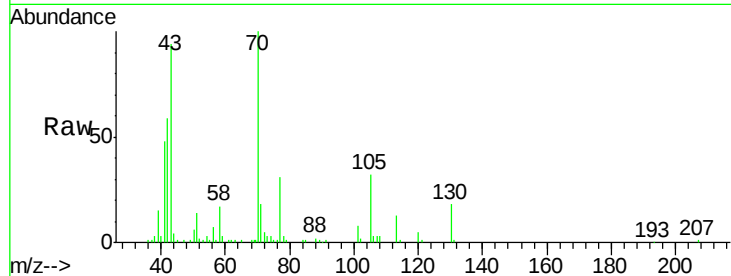
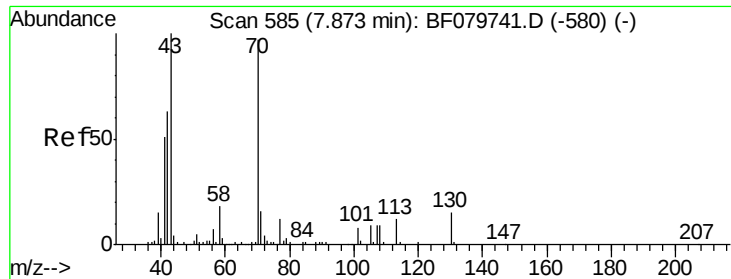
#18
Hexachloroethane
Concen: 47.46 ng
RT: 8.00 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF079811.D
Acq: 7 Jun 2015 13:29

Tgt Ion:117 Resp: 33987
Ion Ratio Lower Upper
117 100
119 92.8 75.5 113.3
201 79.5 66.4 99.6



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

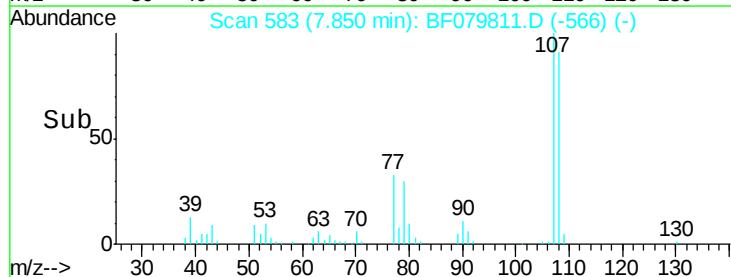
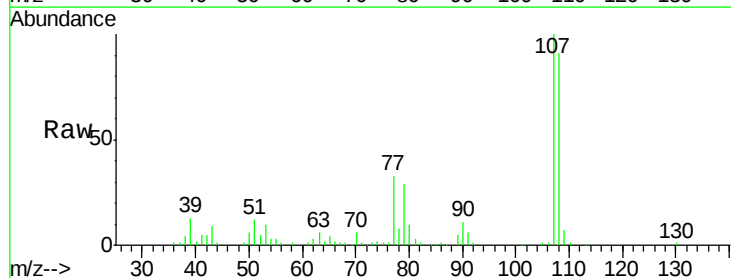
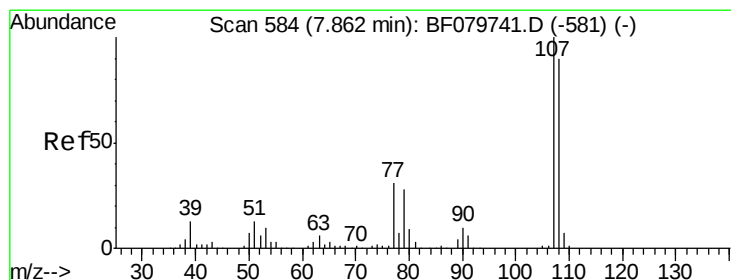
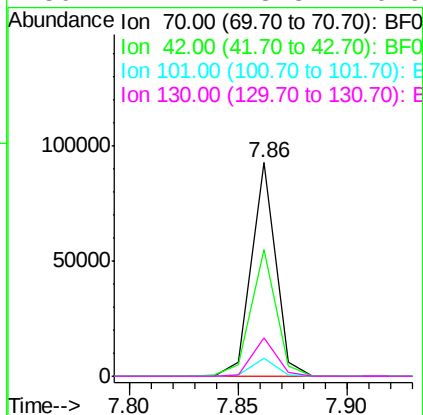




#19
n-Nitroso-di-n-propylamine
Concen: 46.90 ng
RT: 7.86 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF079811.D
Acq: 7 Jun 2015 13:29

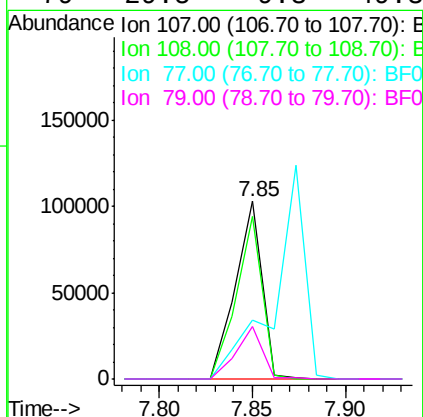
Instrument :
BNA_F
ClientSampleId :
PB83832BS

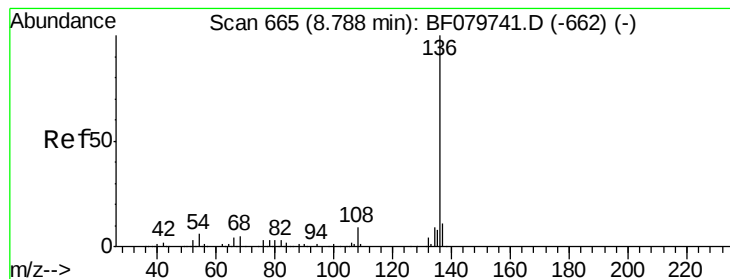
Tgt Ion:	70	Resp:	72052
Ion	Ratio	Lower	Upper
70	100		
42	59.2	51.1	76.7
101	8.3	7.0	10.6
130	17.7	13.3	19.9



#20
3+4-Methylphenols
Concen: 47.15 ng
RT: 7.85 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF079811.D
Acq: 7 Jun 2015 13:29

Tgt Ion:	107	Resp:	103992
Ion	Ratio	Lower	Upper
107	100		
108	91.5	75.2	115.2
77	32.9	10.3	50.3
79	29.5	9.3	49.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.76 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF079811.D

Acq: 7 Jun 2015 13:29

Instrument :

BNA_F

ClientSampleId :

PB83832BS

Tgt Ion:136 Resp: 108619

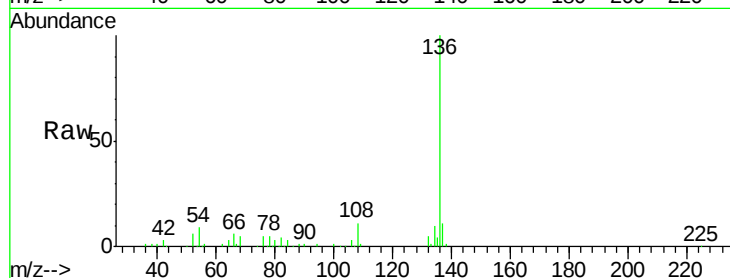
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 8.9 8.7 13.1

68 5.2 5.8 8.8#

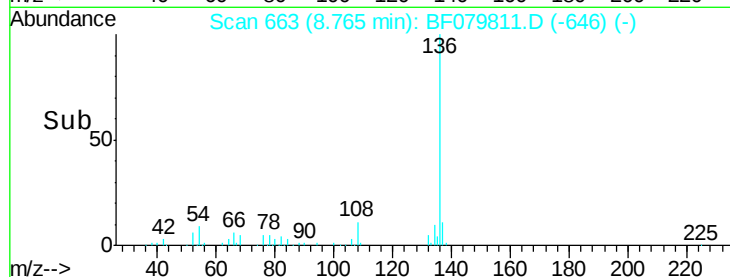


Abundance Ion 136.00 (135.70 to 136.70): E

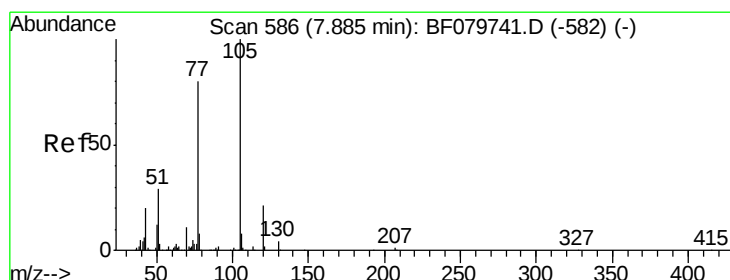
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 8.70 8.75 8.80



#22

Acetophenone

Concen: 53.23 ng

RT: 7.87 min Scan# 585

Delta R.T. -0.00 min

Lab File: BF079811.D

Acq: 7 Jun 2015 13:29

Tgt Ion:105 Resp: 137924

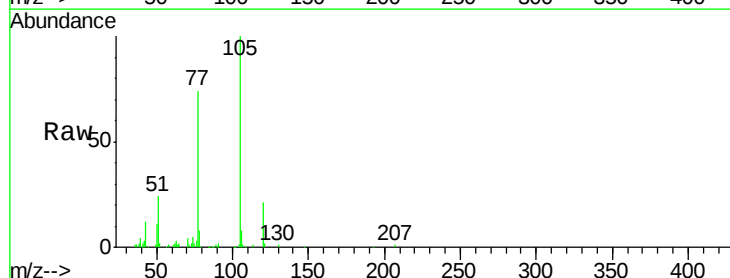
Ion Ratio Lower Upper

105 100

71 0.5 0.9 1.3#

51 24.5 21.3 31.9

120 20.8 17.1 25.7

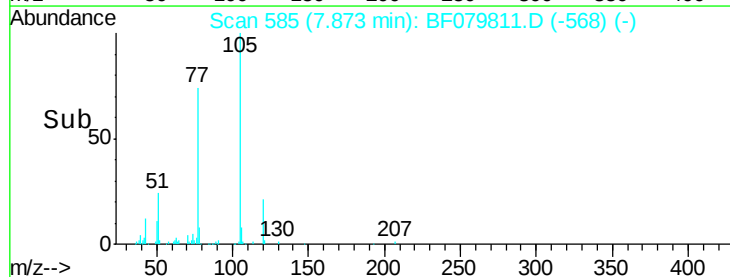


Abundance Ion 105.00 (104.70 to 105.70): E

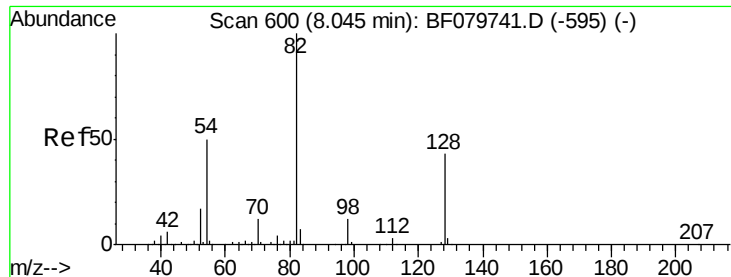
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



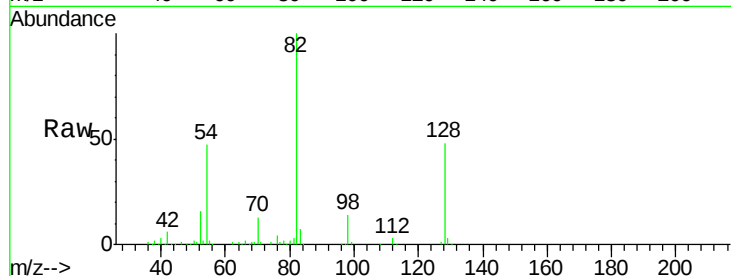
Time--> 7.80 7.85 7.90



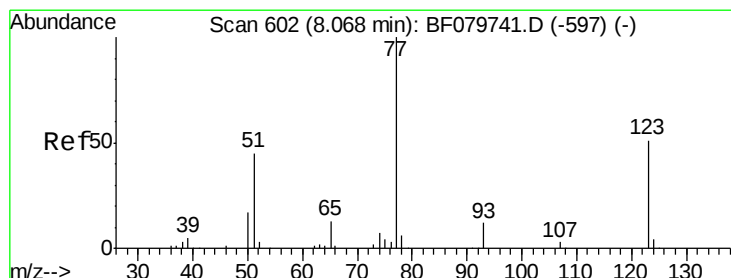
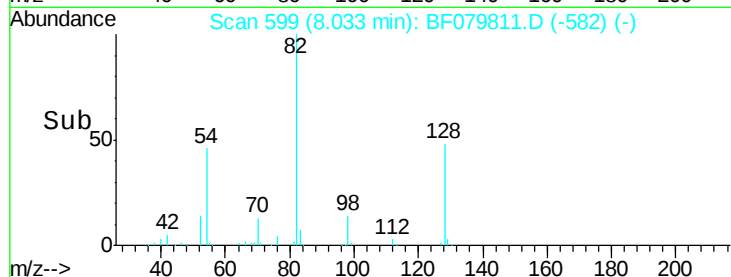
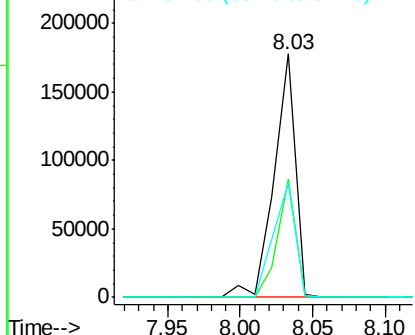
#23
 Nitrobenzene-d5
 Concen: 102.43 ng
 RT: 8.03 min Scan# 599
 Delta R.T. -0.00 min
 Lab File: BF079811.D
 Acq: 7 Jun 2015 13:29

Instrument :
 BNA_F
 ClientSampleId :
 PB83832BS

Tgt Ion: 82 Resp: 181216
 Ion Ratio Lower Upper
 82 100
 128 48.4 37.6 56.4
 54 47.2 39.4 59.2

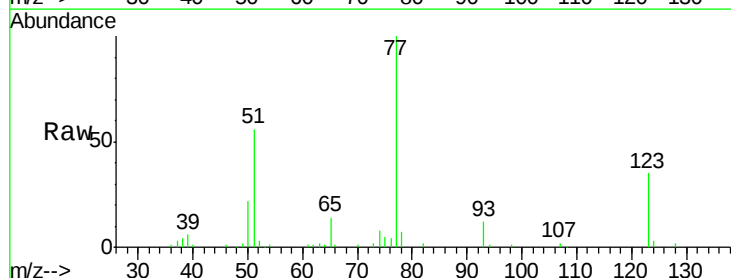


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

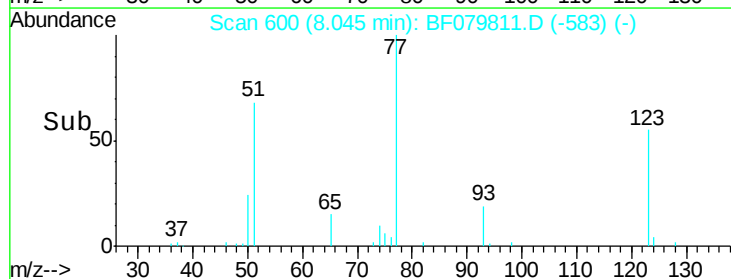
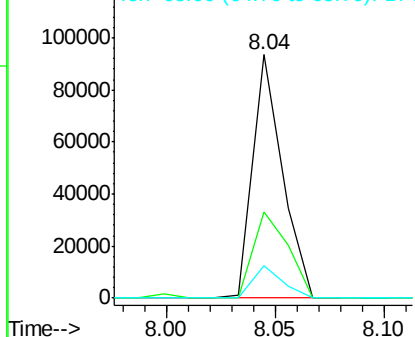


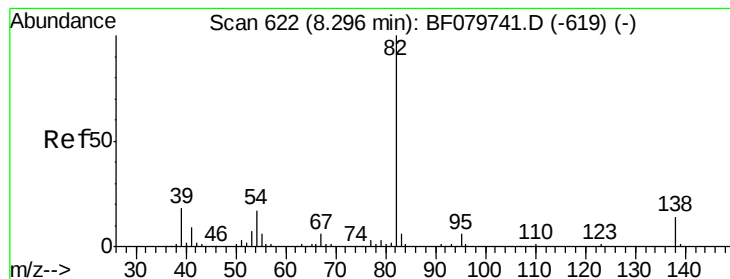
#24
 Nitrobenzene
 Concen: 50.30 ng
 RT: 8.04 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF079811.D
 Acq: 7 Jun 2015 13:29

Tgt Ion: 77 Resp: 88765
 Ion Ratio Lower Upper
 77 100
 123 35.3 28.1 42.1
 65 13.6 10.9 16.3



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





#25

Isophorone

Concen: 52.07 ng

RT: 8.28 min Scan# 621

Delta R.T. -0.00 min

Lab File: BF079811.D

Acq: 7 Jun 2015 13:29

Instrument :

BNA_F

ClientSampleId :

PB83832BS

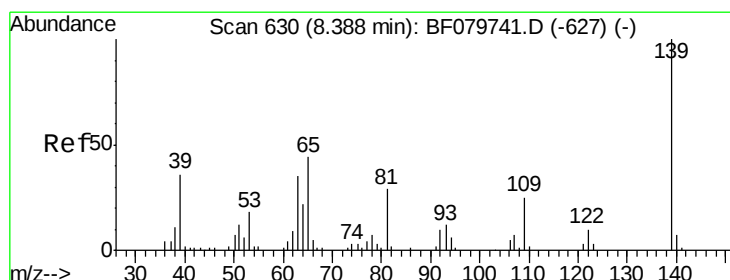
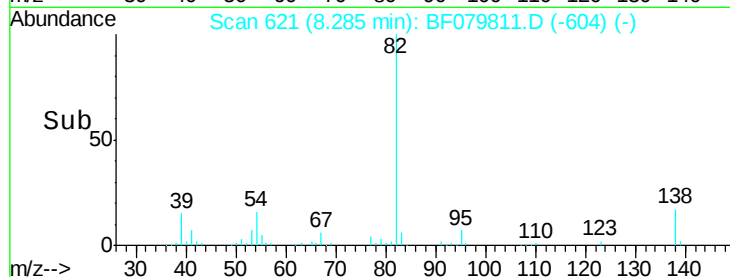
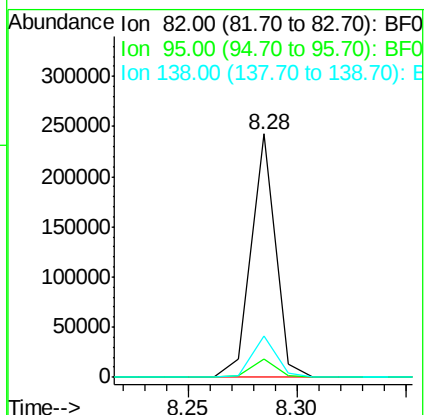
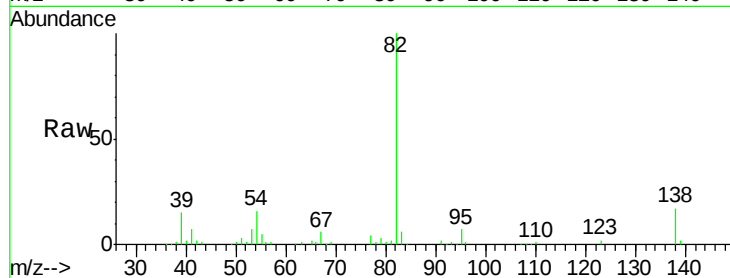
Tgt Ion: 82 Resp: 188019

Ion Ratio Lower Upper

82 100

95 7.4 5.3 7.9

138 16.8 13.0 19.4



#26

2-Nitrophenol

Concen: 41.98 ng

RT: 8.38 min Scan# 629

Delta R.T. -0.00 min

Lab File: BF079811.D

Acq: 7 Jun 2015 13:29

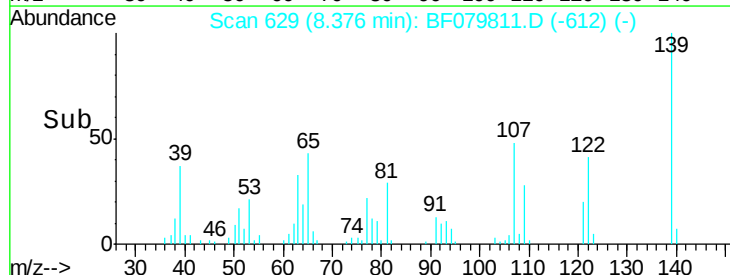
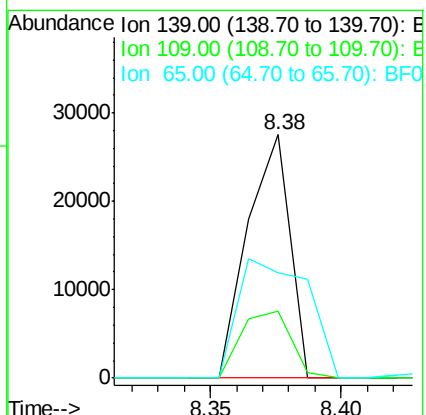
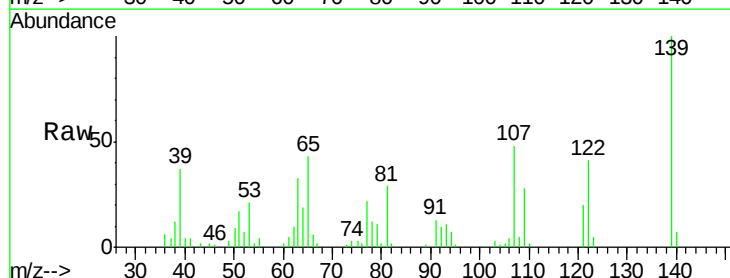
Tgt Ion: 139 Resp: 31201

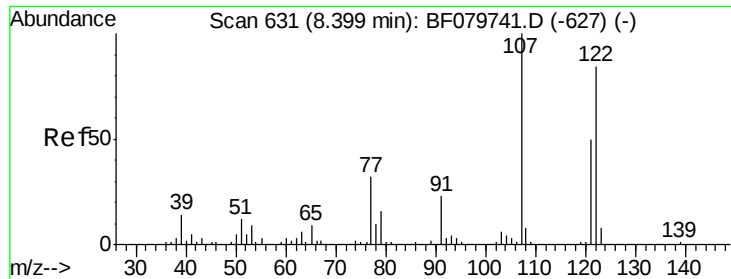
Ion Ratio Lower Upper

139 100

109 27.7 17.5 26.3#

65 43.3 34.6 52.0





#27

2,4-Dimethylphenol

Concen: 54.73 ng

RT: 8.39 min Scan# 630

Delta R.T. -0.00 min

Lab File: BF079811.D

Acq: 7 Jun 2015 13:29

Instrument :

BNA_F

ClientSampleId :

PB83832BS

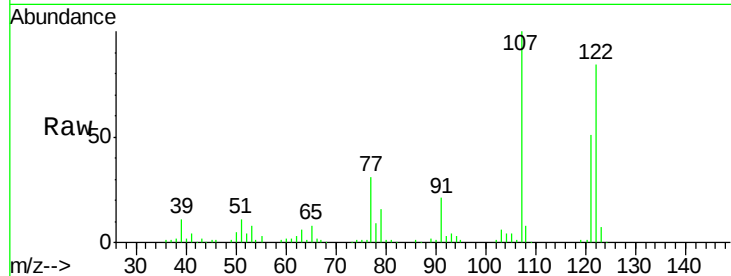
Tgt Ion:122 Resp: 91537

Ion Ratio Lower Upper

122 100

107 118.9 88.5 132.7

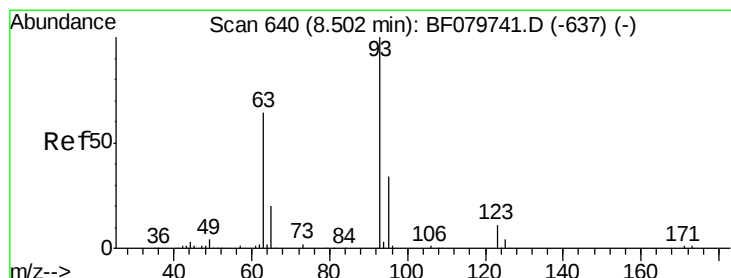
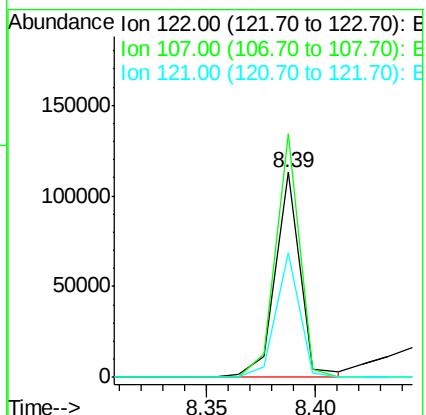
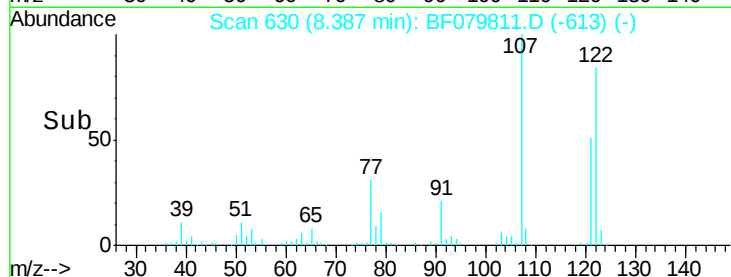
121 60.6 46.5 69.7



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: 44.13 ng

RT: 8.49 min Scan# 639

Delta R.T. -0.00 min

Lab File: BF079811.D

Acq: 7 Jun 2015 13:29

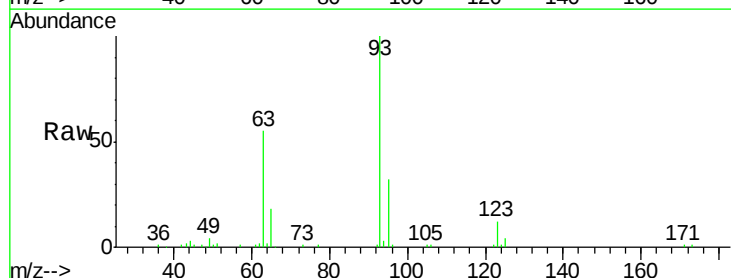
Tgt Ion: 93 Resp: 98477

Ion Ratio Lower Upper

93 100

95 32.4 25.5 38.3

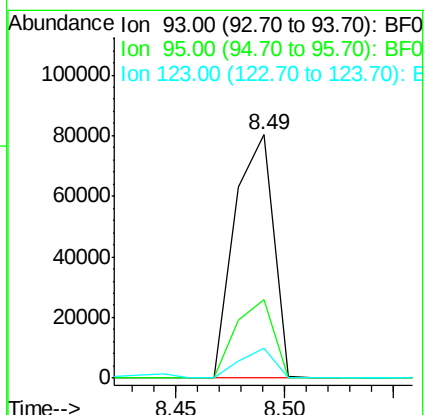
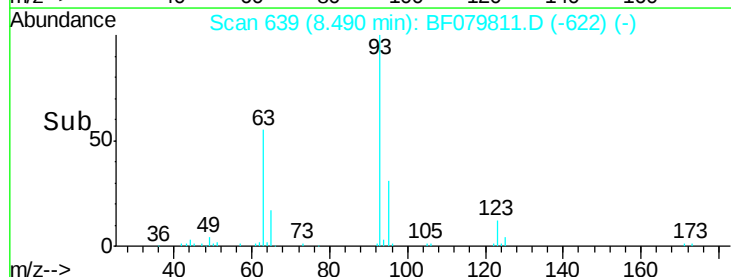
123 12.4 7.3 10.9#

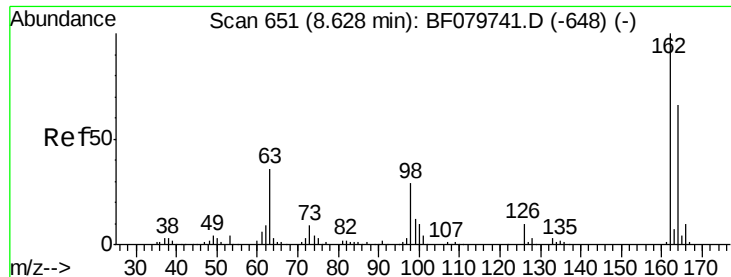


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

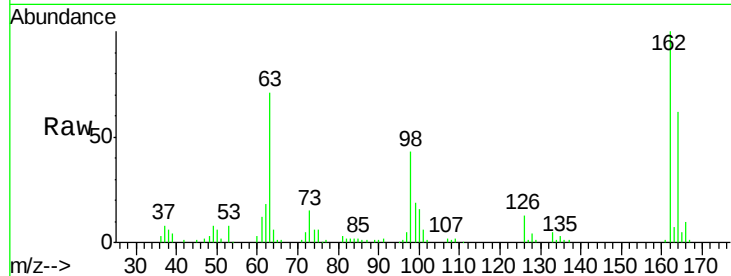




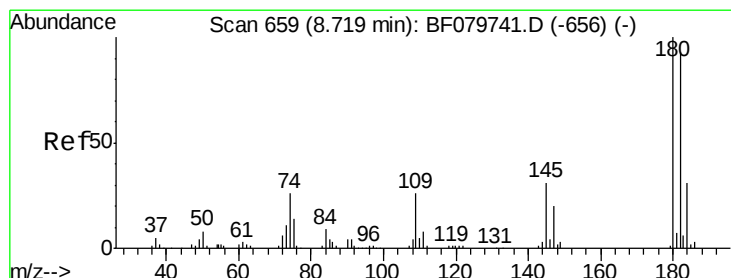
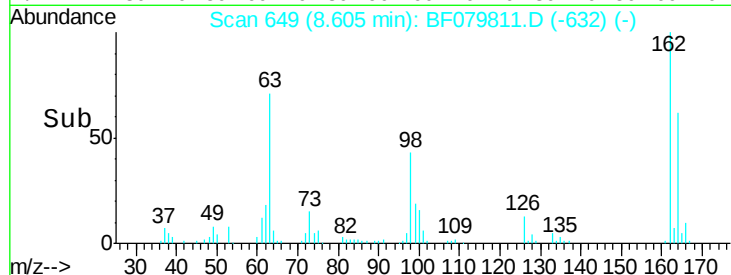
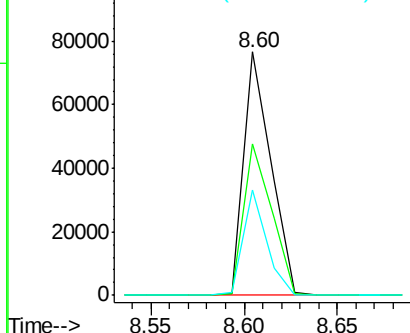
#29
 2,4-Dichlorophenol
 Concen: 52.23 ng
 RT: 8.60 min Scan# 649
 Delta R.T. -0.00 min
 Lab File: BF079811.D
 Acq: 7 Jun 2015 13:29

Instrument :
 BNA_F
 ClientSampleId :
 PB83832BS

Tgt Ion:162 Resp: 78364
 Ion Ratio Lower Upper
 162 100
 164 62.0 42.8 82.8
 98 43.2 23.2 63.2

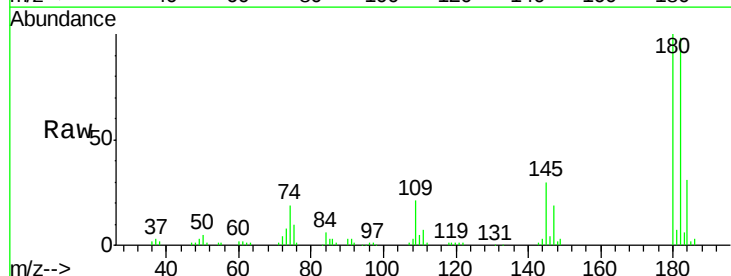


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

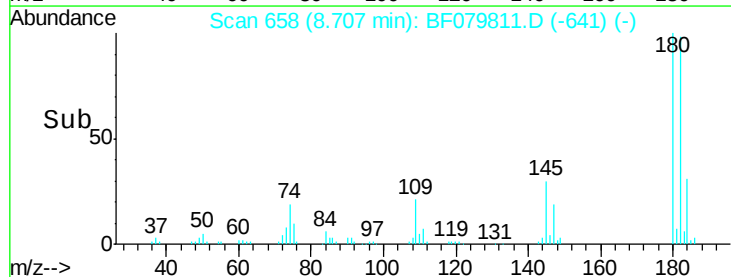
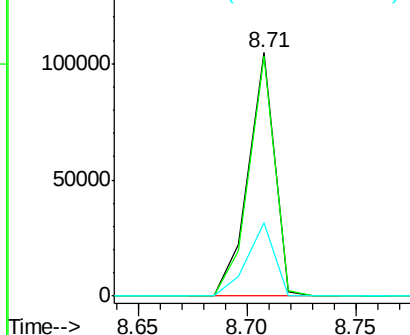


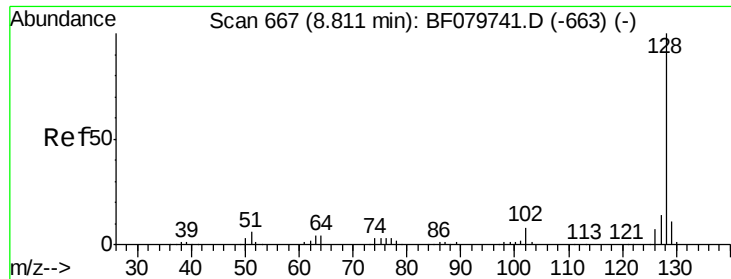
#30
 1,2,4-Trichlorobenzene
 Concen: 48.49 ng
 RT: 8.71 min Scan# 658
 Delta R.T. -0.00 min
 Lab File: BF079811.D
 Acq: 7 Jun 2015 13:29

Tgt Ion:180 Resp: 88356
 Ion Ratio Lower Upper
 180 100
 182 98.3 78.4 117.6
 145 29.9 22.3 33.5



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

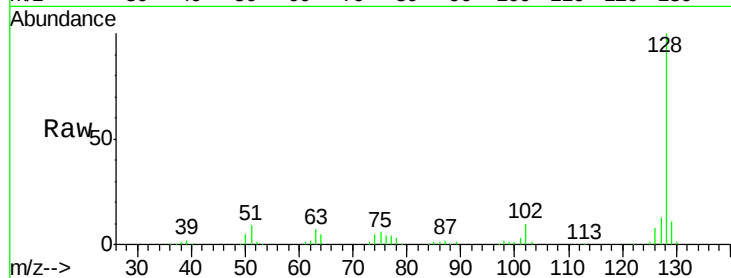




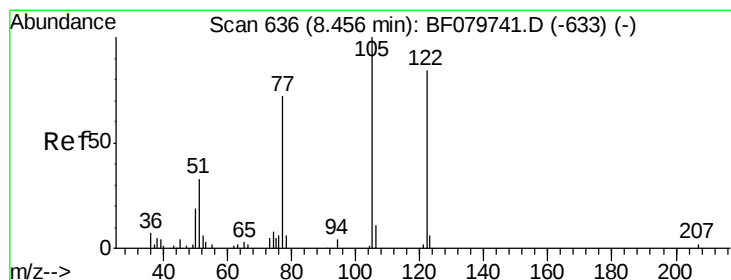
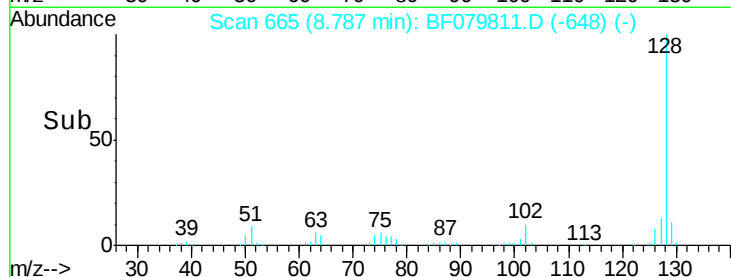
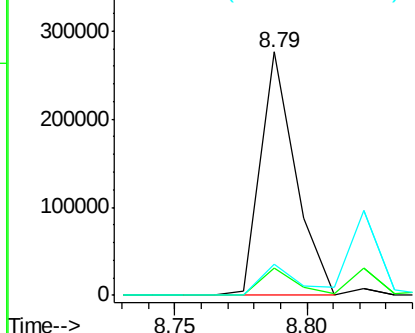
#31
Naphthalene
Concen: 44.58 ng m
RT: 8.79 min Scan# 665
Delta R.T. -0.00 min
Lab File: BF079811.D
Acq: 7 Jun 2015 13:29

Instrument :
BNA_F
ClientSampleId :
PB83832BS

Tgt Ion:128 Resp: 254008
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.2
127 13.0 10.7 16.1

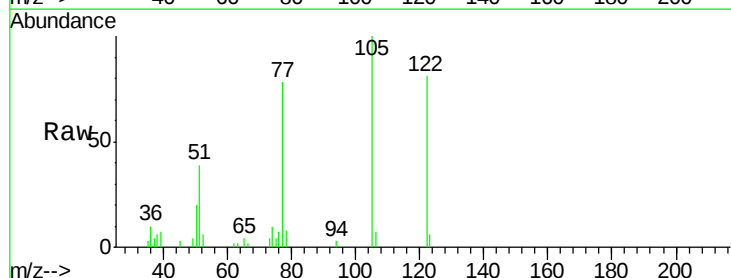


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

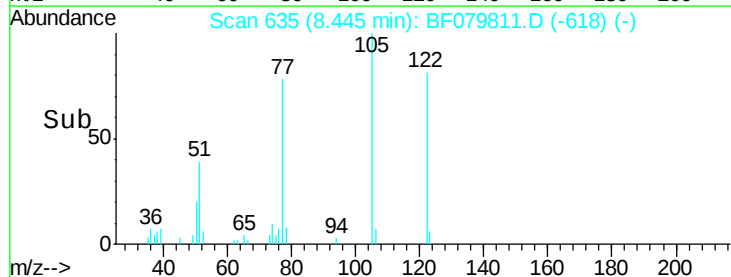
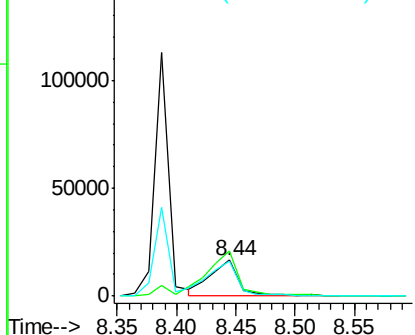


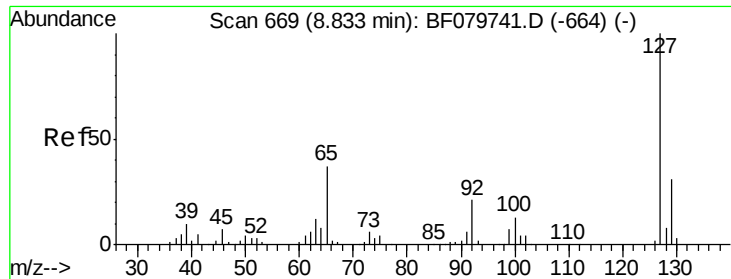
#32
Benzoic acid
Concen: 44.36 ng
RT: 8.44 min Scan# 635
Delta R.T. -0.00 min
Lab File: BF079811.D
Acq: 7 Jun 2015 13:29

Tgt Ion:122 Resp: 28641
Ion Ratio Lower Upper
122 100
105 123.9 106.7 146.7
77 96.2 68.9 108.9



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

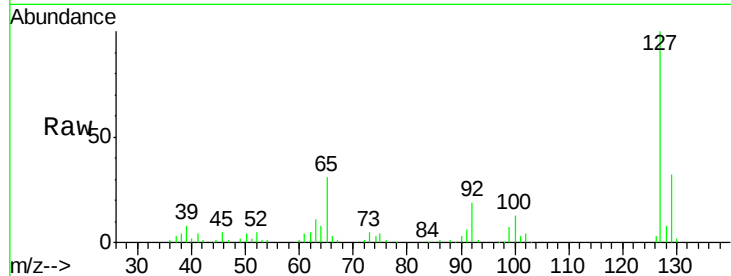




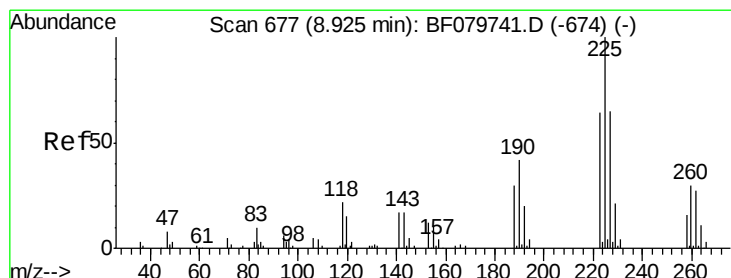
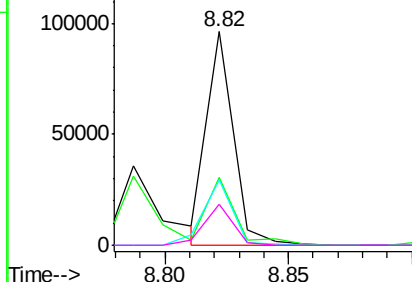
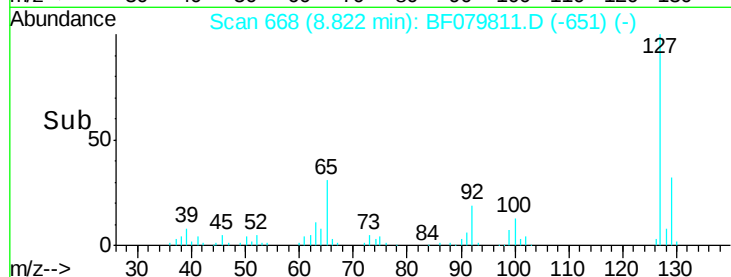
#33
 4-Chloroaniline
 Concen: 24.94 ng m
 RT: 8.82 min Scan# 668
 Delta R.T. -0.00 min
 Lab File: BF079811.D
 Acq: 7 Jun 2015 13:29

Instrument :
 BNA_F
 ClientSampled :
 PB83832BS

Tgt Ion:	127	Resp:	72206
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.8	40.2
65	30.8	22.9	34.3
92	18.9	15.2	22.8

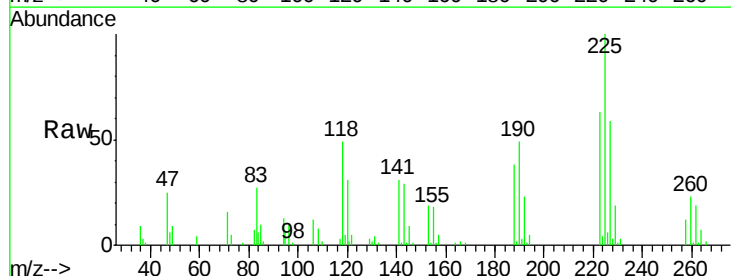


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

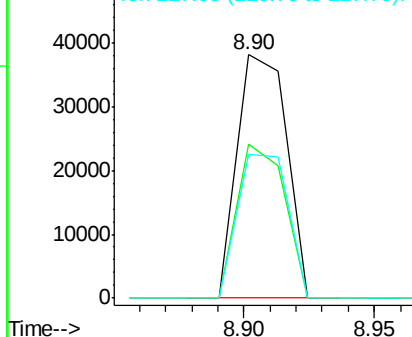
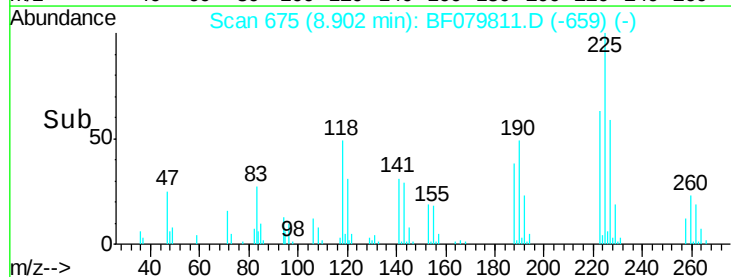


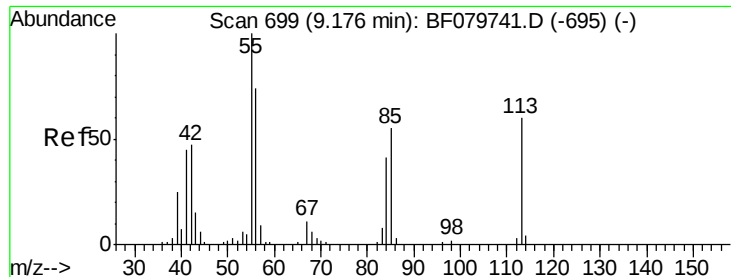
#34
 Hexachlorobutadiene
 Concen: 45.73 ng
 RT: 8.90 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF079811.D
 Acq: 7 Jun 2015 13:29

Tgt Ion:	225	Resp:	50689
Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.9	77.9
227	59.2	52.0	78.0



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

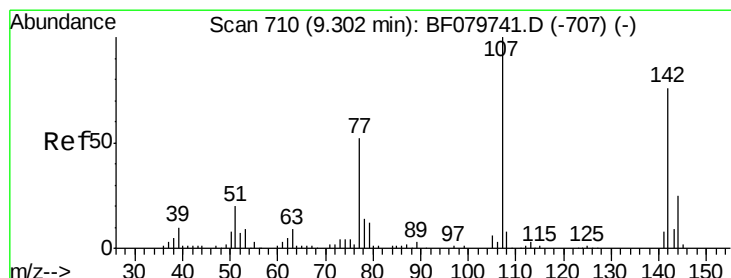
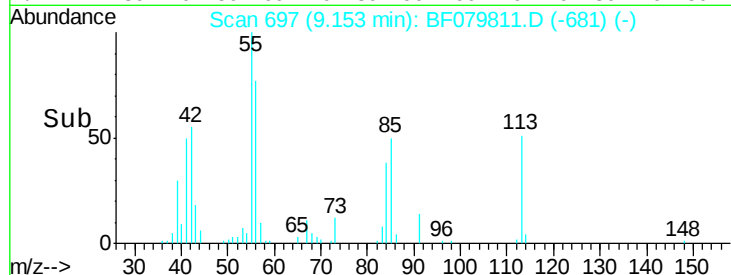
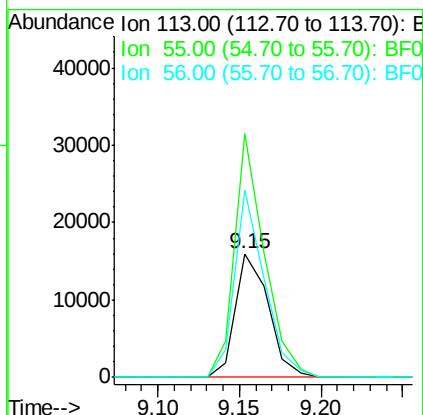
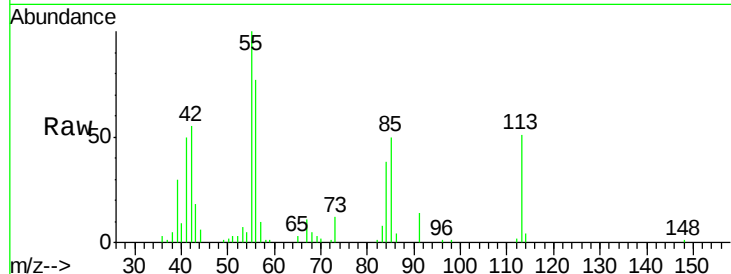




#35
 Caprolactam
 Concen: 48.78 ng
 RT: 9.15 min Scan# 697
 Delta R.T. -0.01 min
 Lab File: BF079811.D
 Acq: 7 Jun 2015 13:29

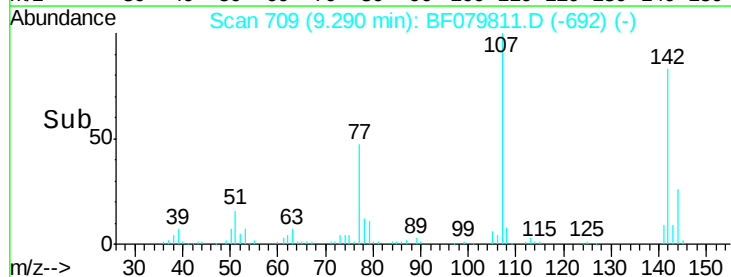
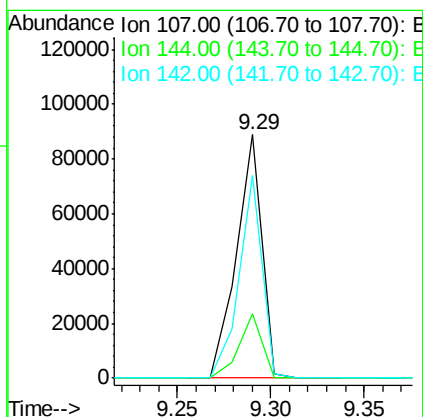
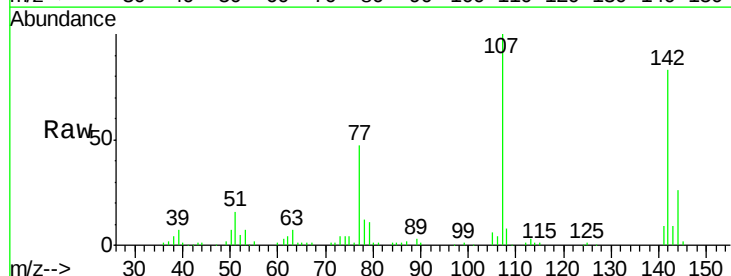
Instrument :
 BNA_F
 ClientSampleID :
 PB83832BS

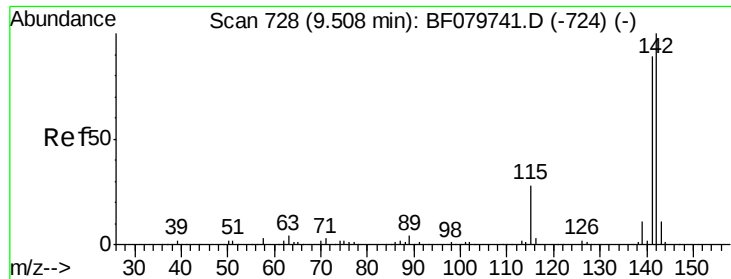
Tgt Ion:113 Resp: 22294
 Ion Ratio Lower Upper
 113 100
 55 196.6 186.6 226.6
 56 151.7 137.8 177.8



#36
 4-Chloro-3-methylphenol
 Concen: 50.81 ng
 RT: 9.29 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: BF079811.D
 Acq: 7 Jun 2015 13:29

Tgt Ion:107 Resp: 85179
 Ion Ratio Lower Upper
 107 100
 144 26.2 24.5 36.7
 142 83.4 74.6 112.0

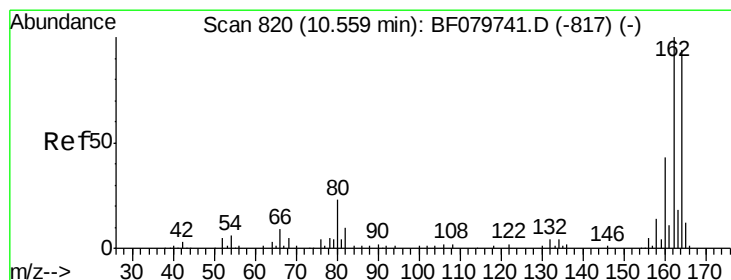
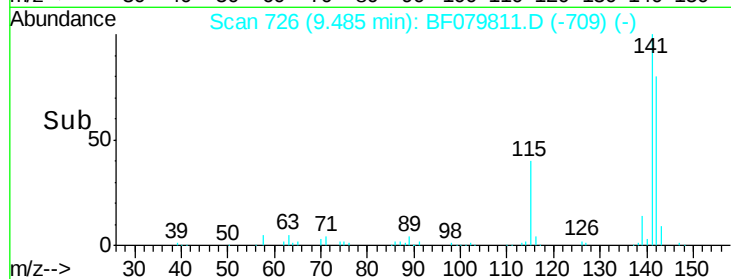
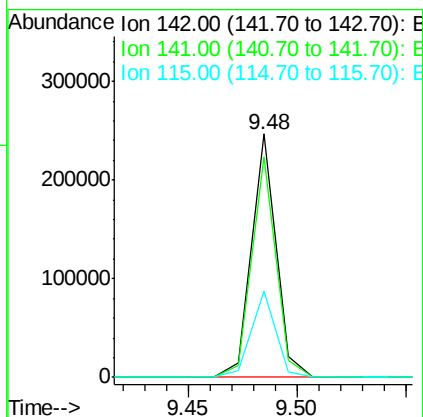
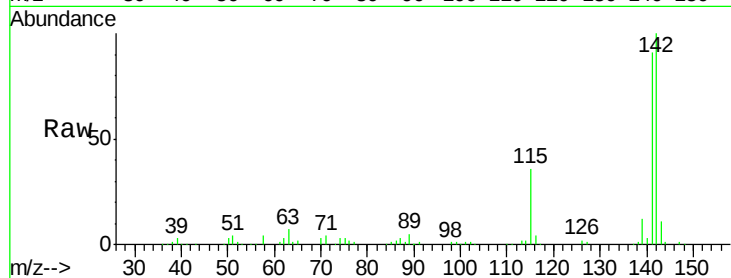




#37
 2-Methylnaphthalene
 Concen: 53.34 ng
 RT: 9.48 min Scan# 726
 Delta R.T. -0.00 min
 Lab File: BF079811.D
 Acq: 7 Jun 2015 13:29

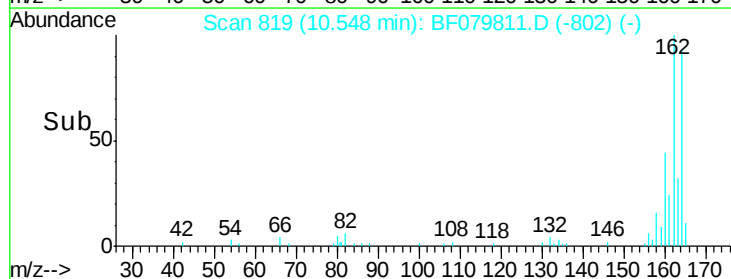
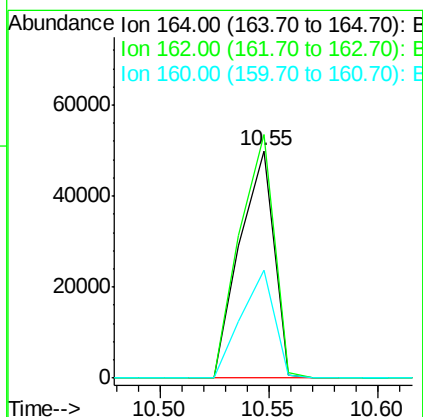
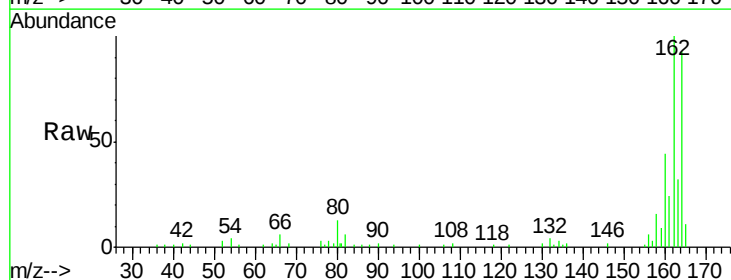
Instrument :
 BNA_F
 ClientSampleId :
 PB83832BS

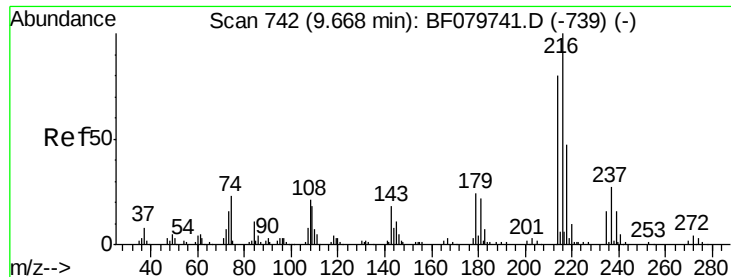
Tgt Ion:142 Resp: 193222
 Ion Ratio Lower Upper
 142 100
 141 90.7 72.8 109.2
 115 35.5 26.9 40.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.55 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF079811.D
 Acq: 7 Jun 2015 13:29

Tgt Ion:164 Resp: 54722
 Ion Ratio Lower Upper
 164 100
 162 107.1 82.6 123.8
 160 47.6 36.8 55.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 53.50 ng

RT: 9.66 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF079811.D

Acq: 7 Jun 2015 13:29

Instrument :

BNA_F

ClientSampleId :

PB83832BS

Tgt Ion:216 Resp: 91177

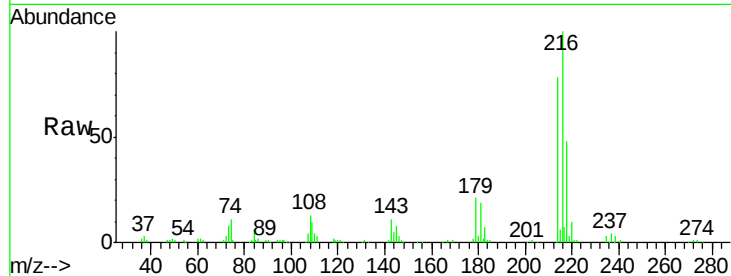
Ion Ratio Lower Upper

216 100

214 78.4 62.2 93.4

179 22.1 16.6 24.8

108 20.1 13.4 20.0#

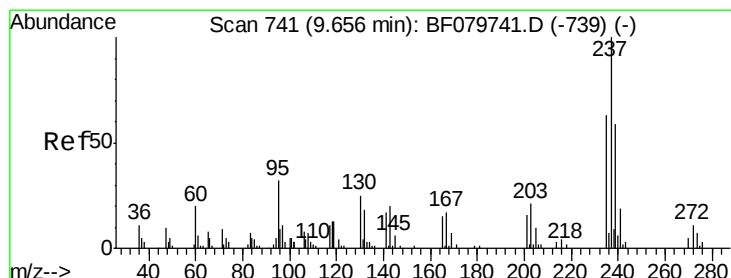
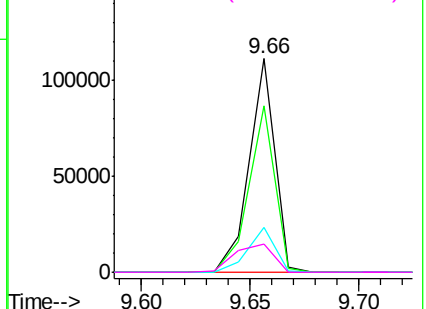
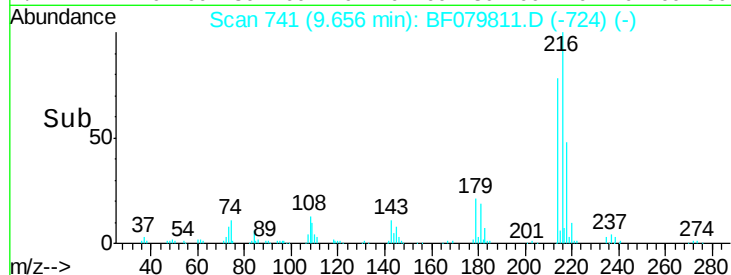


Abundance Ion 216.00 (215.70 to 216.70): E

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: 135.20 ng

RT: 9.64 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF079811.D

Acq: 7 Jun 2015 13:29

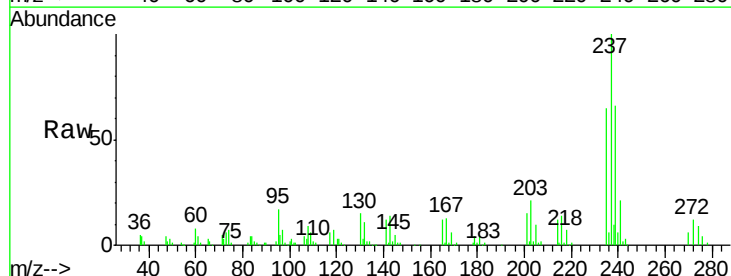
Tgt Ion:237 Resp: 99068

Ion Ratio Lower Upper

237 100

235 64.8 41.9 81.9

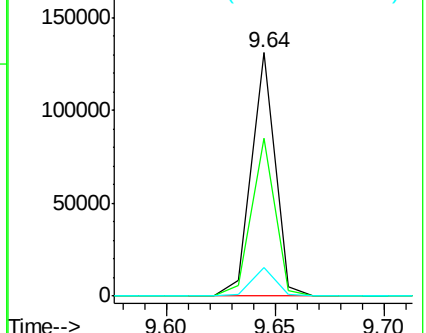
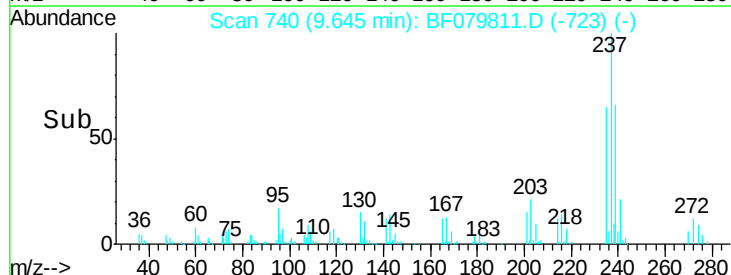
272 12.0 0.0 32.1

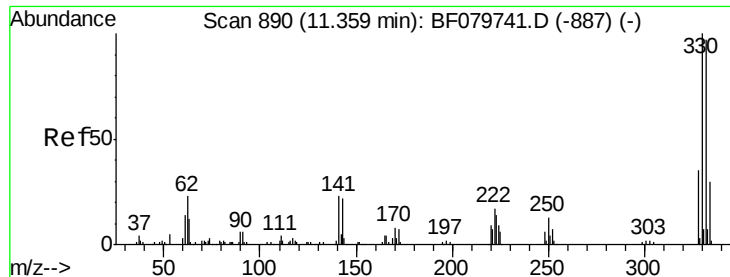


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

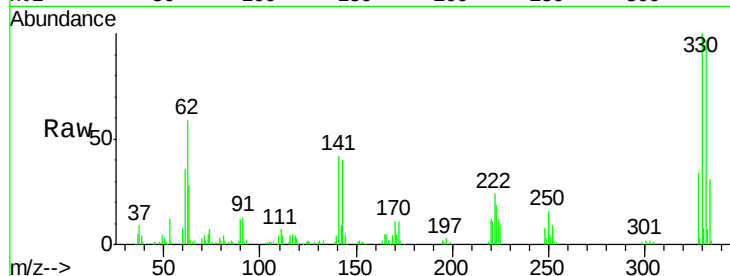




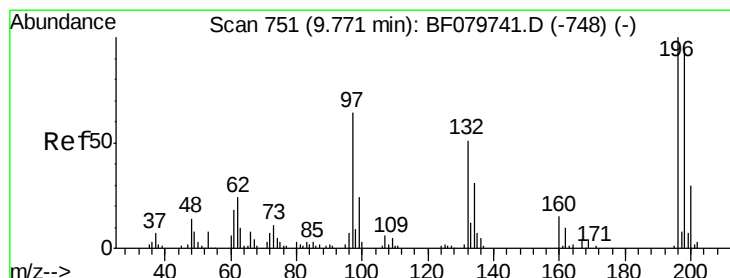
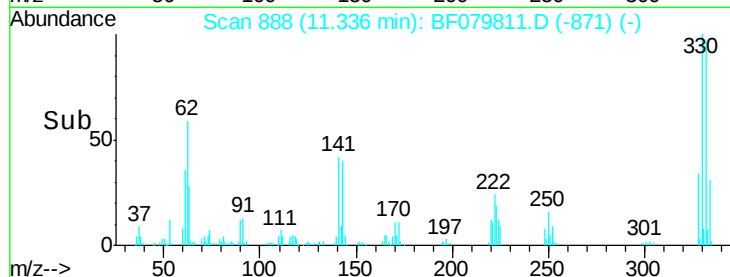
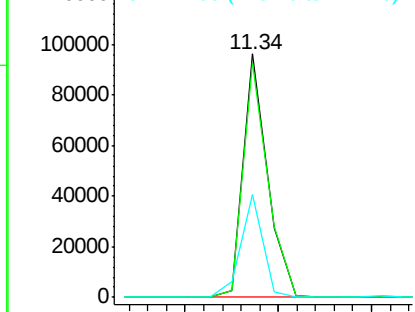
#41
 2,4,6-Tribromophenol
 Concen: 166.40 ng
 RT: 11.34 min Scan# 888
 Delta R.T. -0.00 min
 Lab File: BF079811.D
 Acq: 7 Jun 2015 13:29

Instrument :
 BNA_F
 ClientSampleId :
 PB83832BS

Tgt Ion:330 Resp: 87092
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.4 116.0
 141 38.2 30.2 45.2

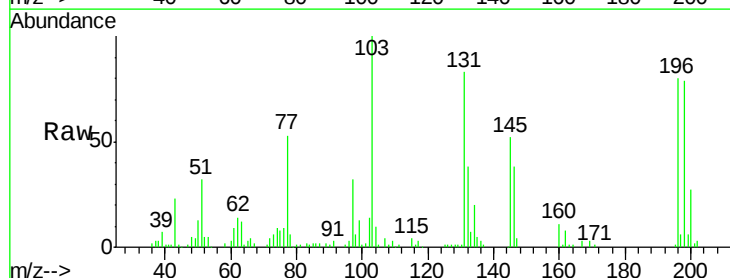


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

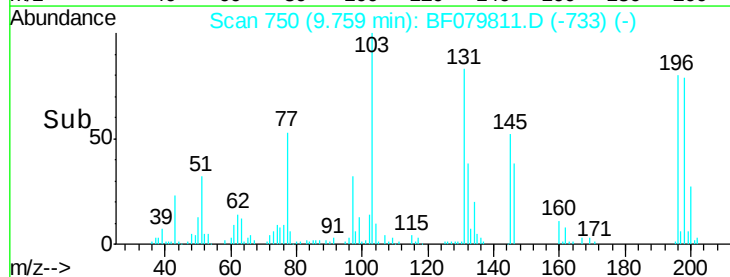
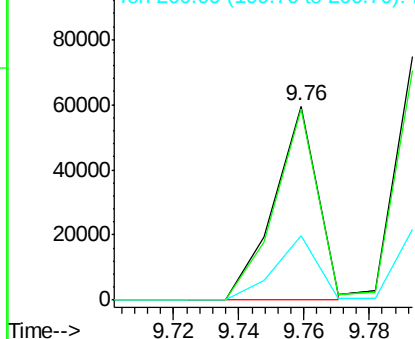


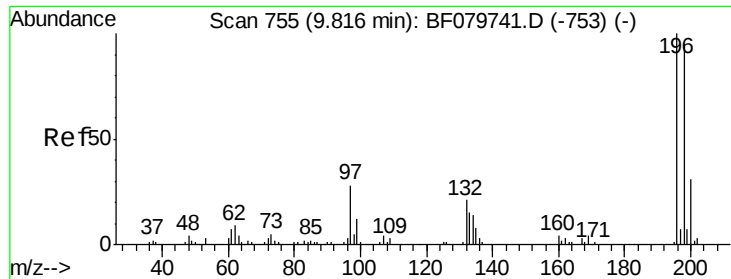
#42
 2,4,6-Trichlorophenol
 Concen: 48.69 ng
 RT: 9.76 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF079811.D
 Acq: 7 Jun 2015 13:29

Tgt Ion:196 Resp: 55188
 Ion Ratio Lower Upper
 196 100
 198 98.8 76.8 115.2
 200 33.1 24.5 36.7



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

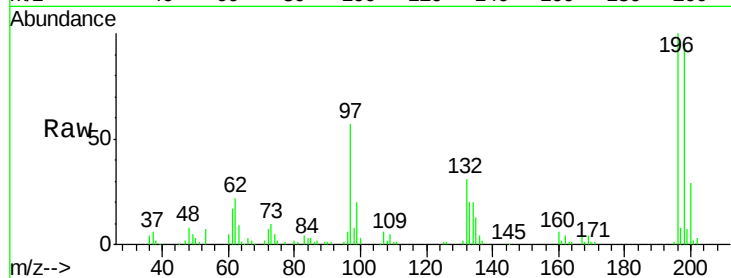




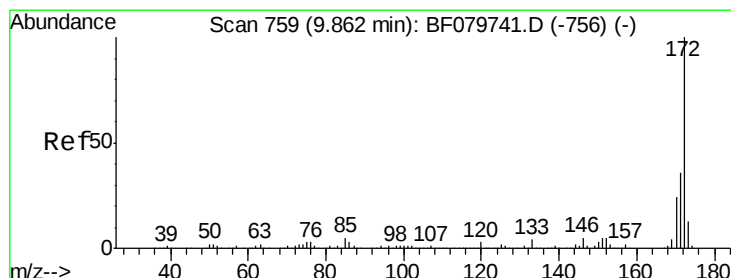
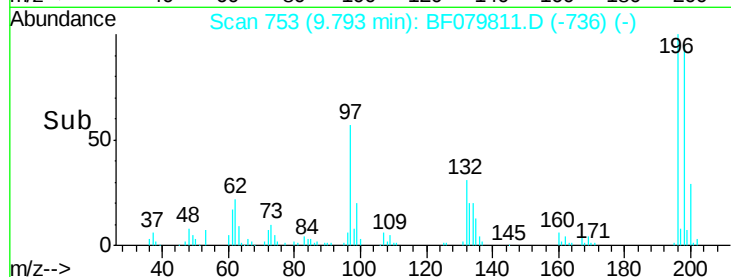
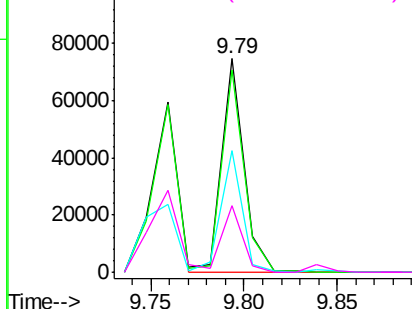
#43
 2,4,5-Trichlorophenol
 Concen: 52.41 ng
 RT: 9.79 min Scan# 753
 Delta R.T. -0.00 min
 Lab File: BF079811.D
 Acq: 7 Jun 2015 13:29

Instrument :
 BNA_F
 ClientSampleId :
 PB83832BS

Tgt Ion:196 Resp: 62497
 Ion Ratio Lower Upper
 196 100
 198 94.5 76.9 115.3
 97 57.2 38.9 58.3
 132 31.2 23.9 35.9

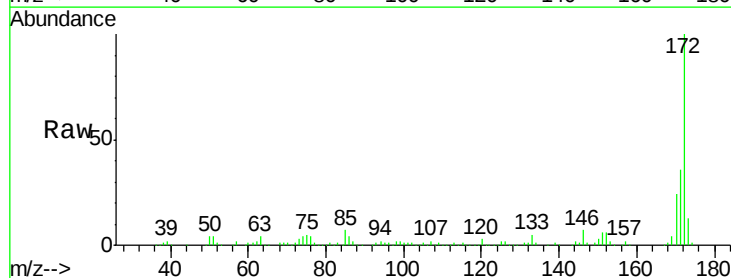


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

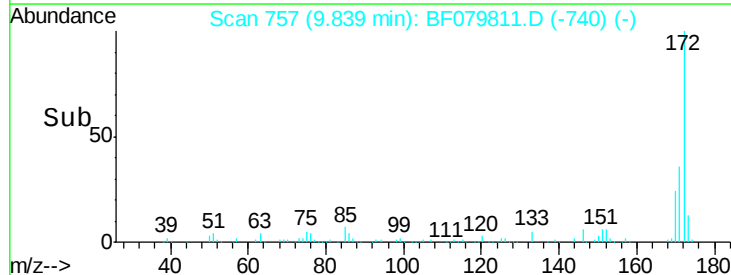
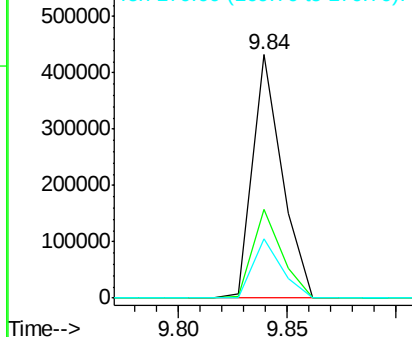


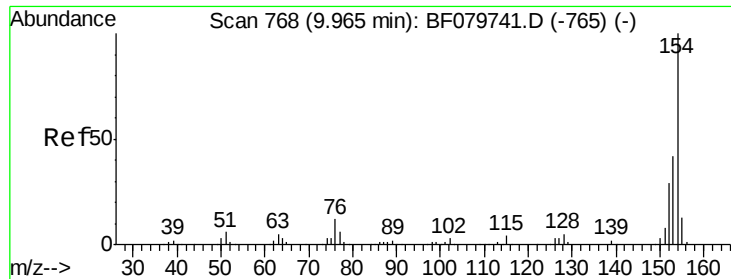
#44
 2-Fluorobiphenyl
 Concen: 100.37 ng
 RT: 9.84 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF079811.D
 Acq: 7 Jun 2015 13:29

Tgt Ion:172 Resp: 405389
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.3 19.7 29.5



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

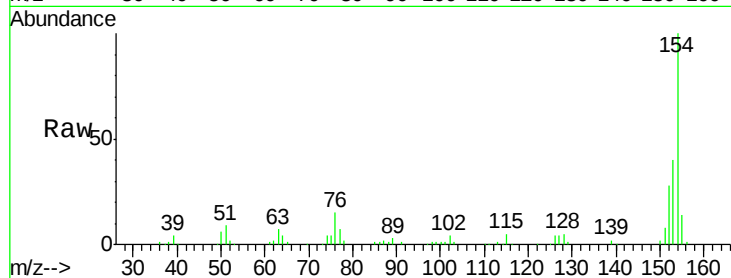




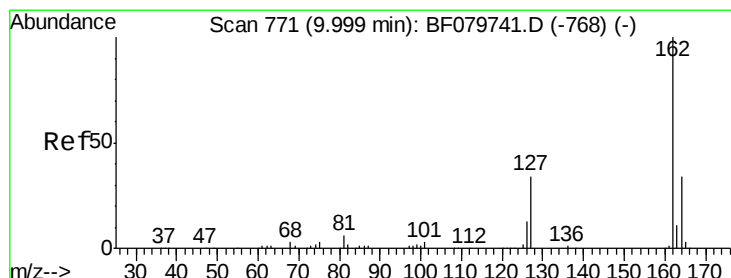
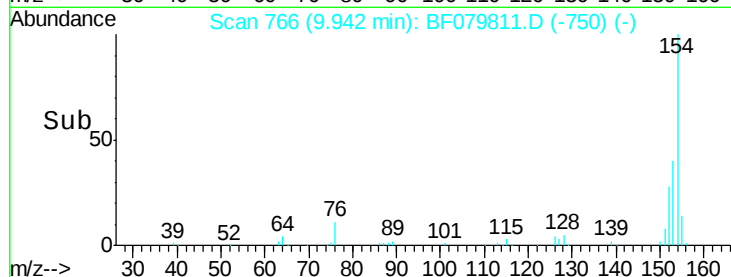
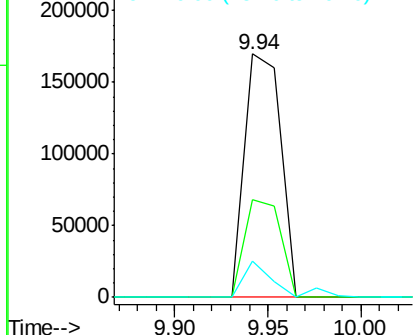
#45
 1,1'-Biphenyl
 Concen: 47.69 ng
 RT: 9.94 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BF079811.D
 Acq: 7 Jun 2015 13:29

Instrument :
 BNA_F
 ClientSampleId :
 PB83832BS

Tgt Ion:154 Resp: 227017
 Ion Ratio Lower Upper
 154 100
 153 40.0 19.9 59.9
 76 15.0 0.0 28.2

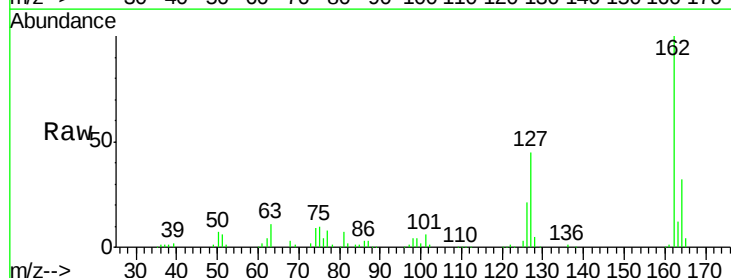


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

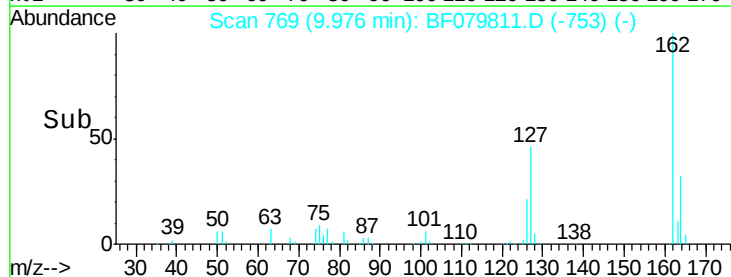
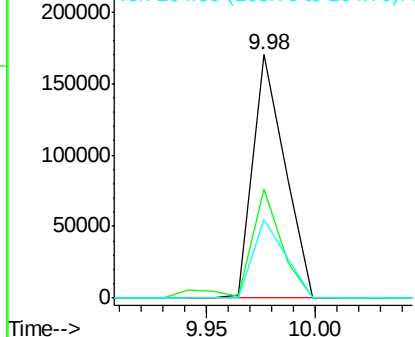


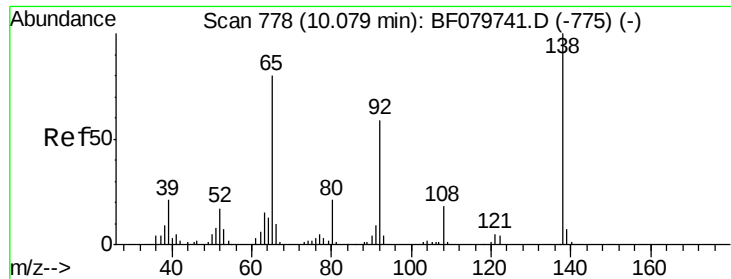
#46
 2-Chloronaphthalene
 Concen: 44.90 ng
 RT: 9.98 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF079811.D
 Acq: 7 Jun 2015 13:29

Tgt Ion:162 Resp: 174499
 Ion Ratio Lower Upper
 162 100
 127 45.1 35.4 53.2
 164 32.1 26.3 39.5



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: 50.96 ng

RT: 10.06 min Scan# 776

Delta R.T. -0.00 min

Lab File: BF079811.D

Acq: 7 Jun 2015 13:29

Instrument :

BNA_F

ClientSampleId :

PB83832BS

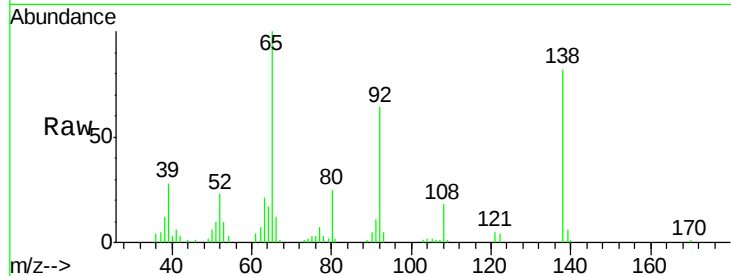
Tgt Ion: 65 Resp: 41546

Ion Ratio Lower Upper

65 100

92 64.3 49.0 73.6

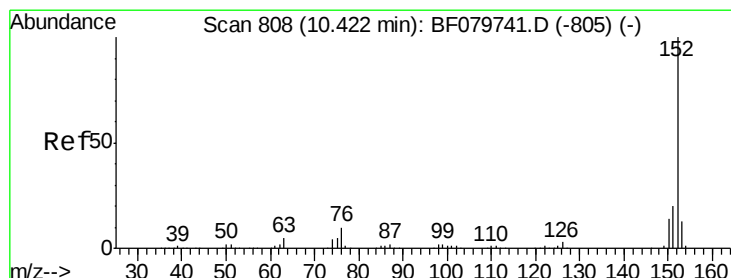
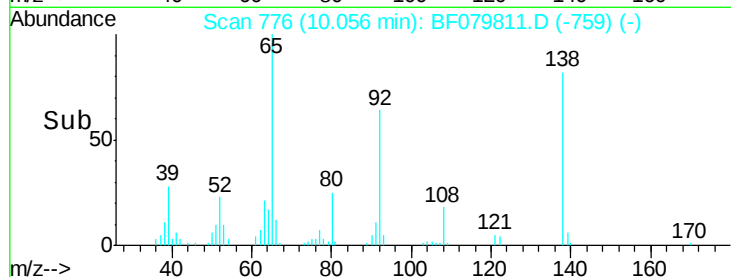
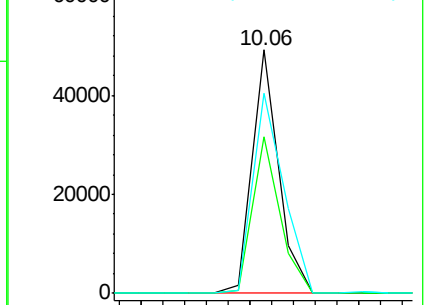
138 82.4 67.7 101.5



Abundance Ion 65.00 (64.70 to 65.70): BF079741.D (-775) (-)

Ion 92.00 (91.70 to 92.70): BF079741.D (-775) (-)

Ion 138.00 (137.70 to 138.70): BF079741.D (-775) (-)



#48

Acenaphthylene

Concen: 43.71 ng

RT: 10.40 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF079811.D

Acq: 7 Jun 2015 13:29

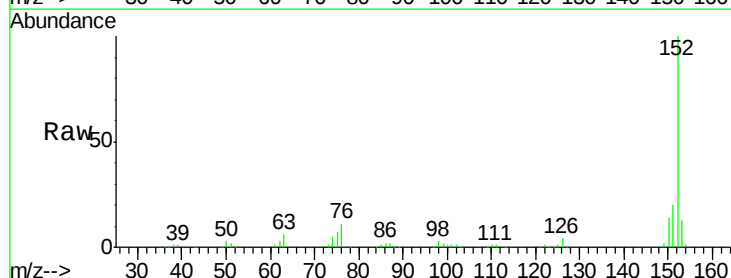
Tgt Ion: 152 Resp: 280874

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.4

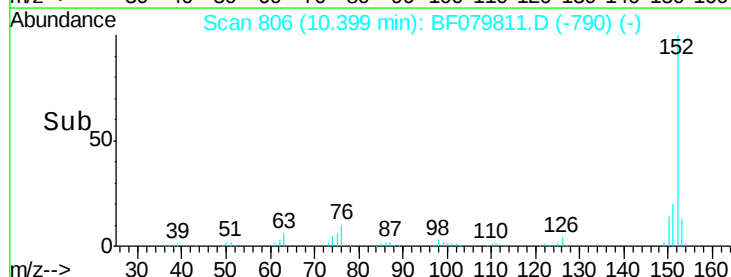
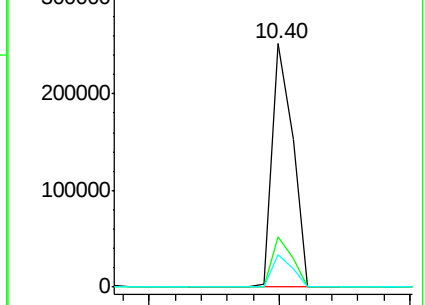
153 13.5 10.4 15.6

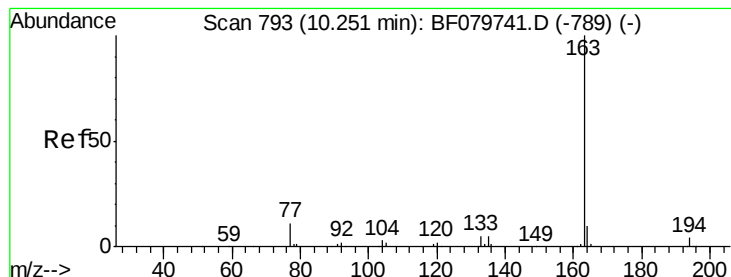


Abundance Ion 152.00 (151.70 to 152.70): BF079741.D (-805) (-)

Ion 151.00 (150.70 to 151.70): BF079741.D (-805) (-)

Ion 153.00 (152.70 to 153.70): BF079741.D (-805) (-)





#49

Dimethylphthalate

Concen: 51.67 ng

RT: 10.23 min Scan# 791

Delta R.T. -0.00 min

Lab File: BF079811.D

Acq: 7 Jun 2015 13:29

Instrument :

BNA_F

ClientSampleId :

PB83832BS

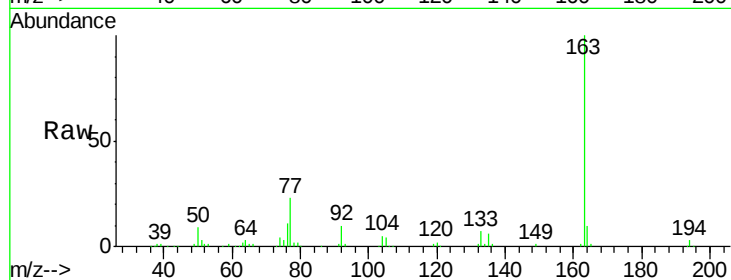
Tgt Ion:163 Resp: 217787

Ion Ratio Lower Upper

163 100

194 3.3 2.6 3.8

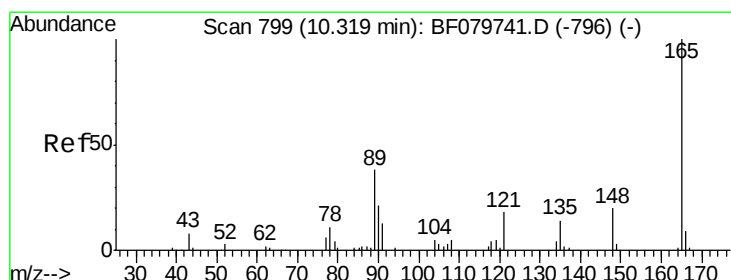
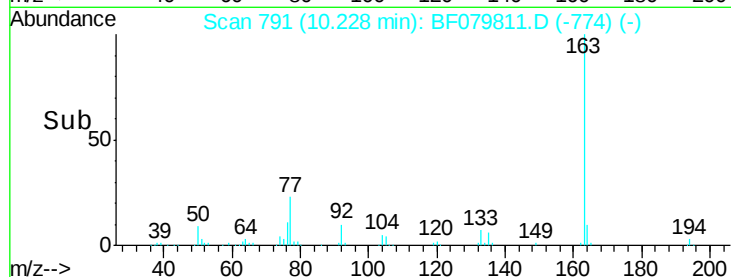
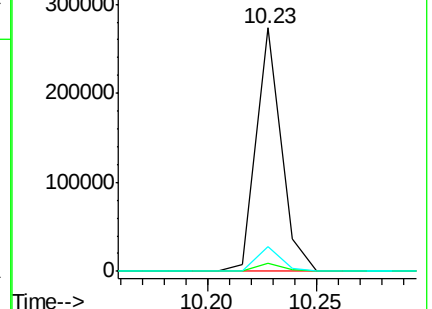
164 10.2 8.5 12.7



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: 56.32 ng

RT: 10.30 min Scan# 797

Delta R.T. -0.00 min

Lab File: BF079811.D

Acq: 7 Jun 2015 13:29

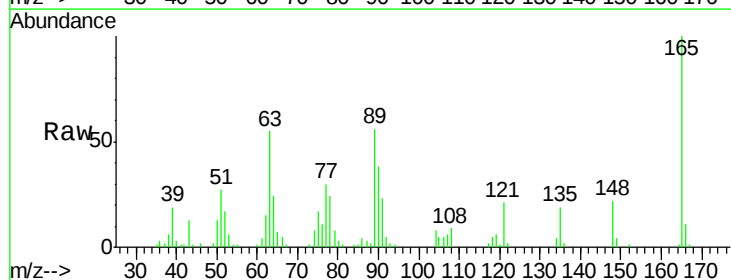
Tgt Ion:165 Resp: 41054

Ion Ratio Lower Upper

165 100

63 54.5 45.2 67.8

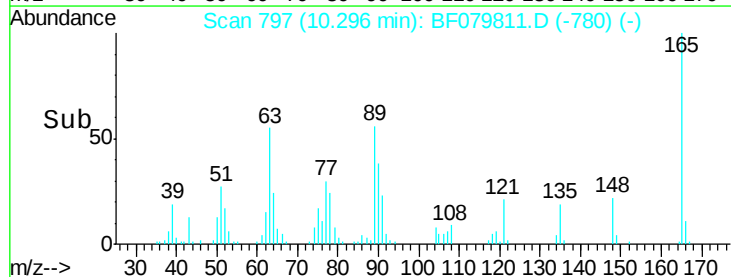
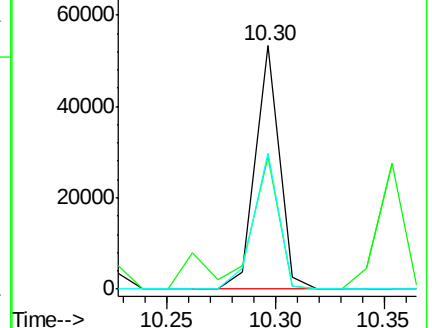
89 56.1 45.9 68.9

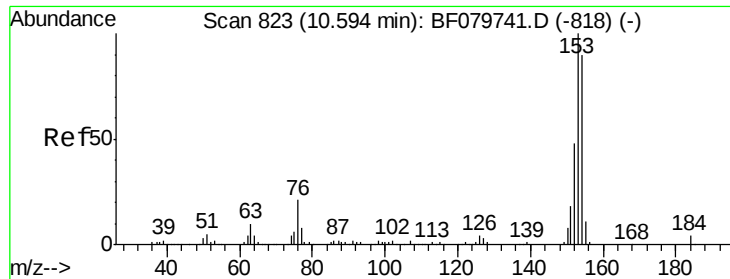


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 46.67 ng

RT: 10.58 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF079811.D

Acq: 7 Jun 2015 13:29

Instrument :

BNA_F

ClientSampleId :

PB83832BS

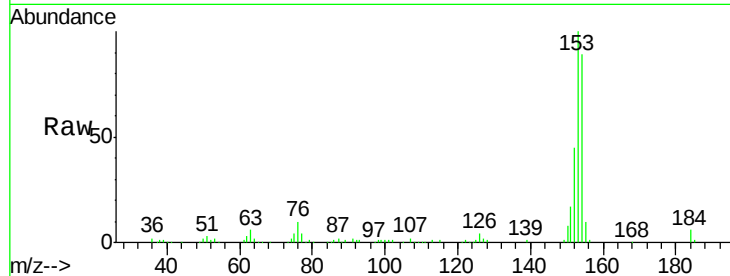
Tgt Ion:154 Resp: 169840

Ion Ratio Lower Upper

154 100

153 112.6 90.1 135.1

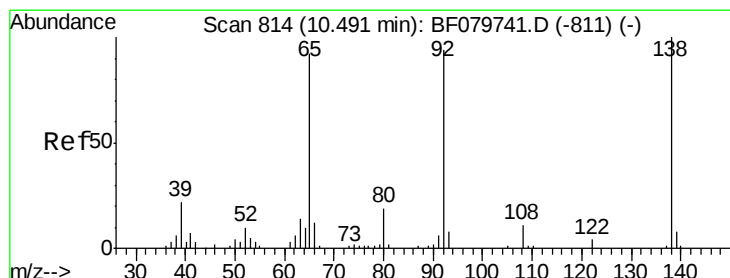
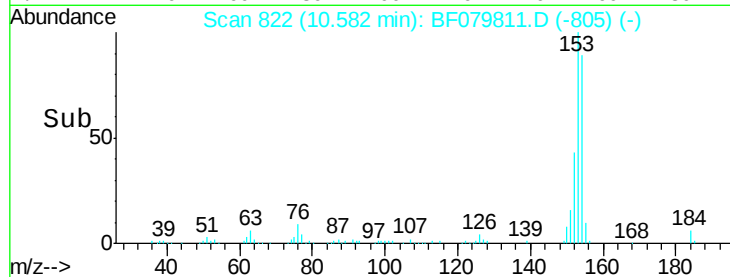
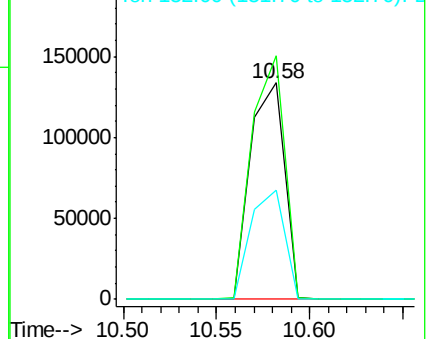
152 50.6 43.4 65.0



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: 39.86 ng

RT: 10.47 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF079811.D

Acq: 7 Jun 2015 13:29

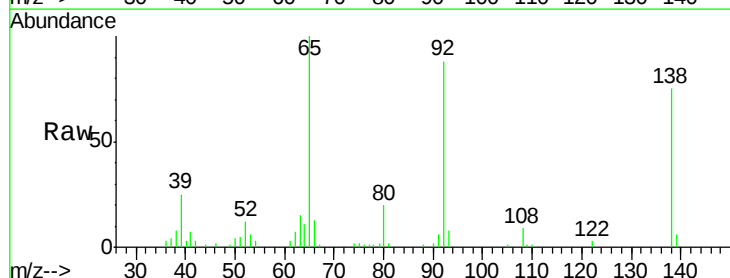
Tgt Ion:138 Resp: 35486

Ion Ratio Lower Upper

138 100

108 12.3 8.9 13.3

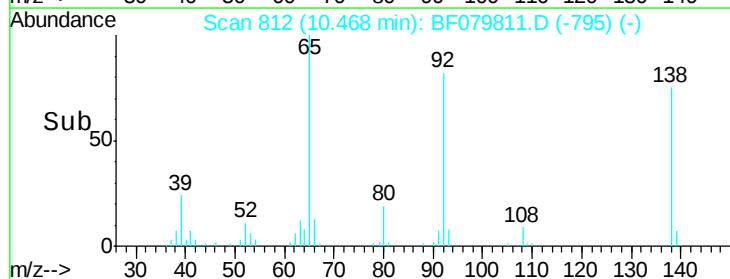
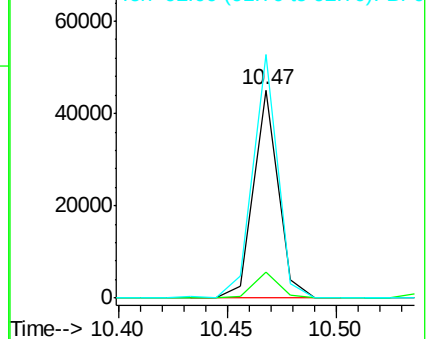
92 117.1 99.0 148.4

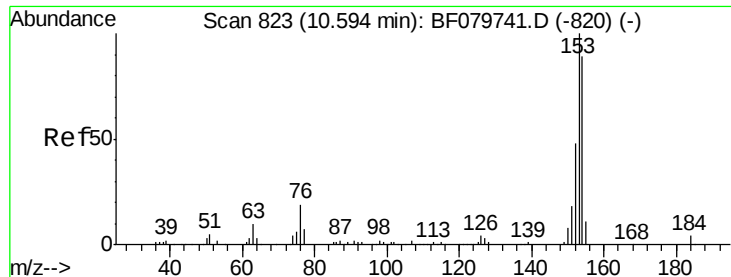


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

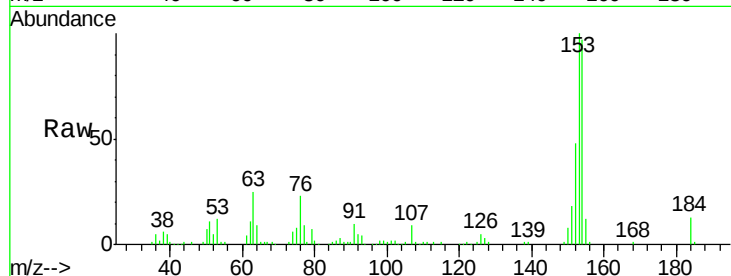




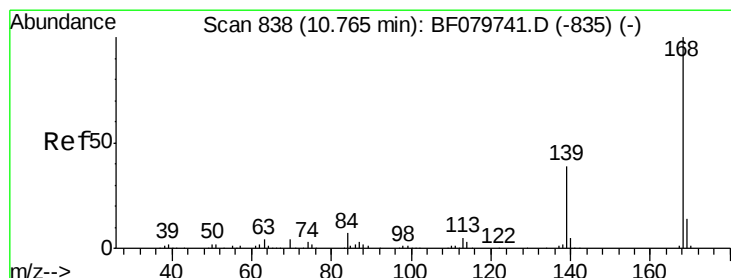
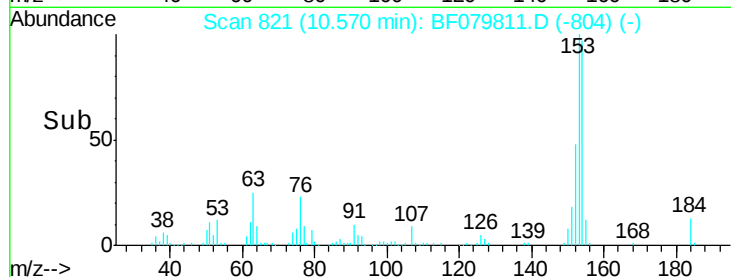
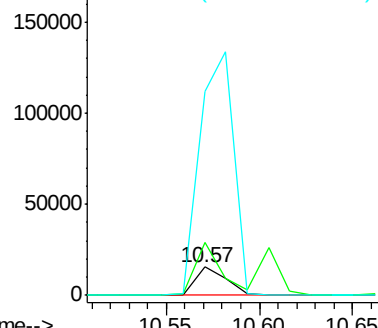
#53
2,4-Dinitrophenol
Concen: 78.07 ng
RT: 10.57 min Scan# 821
Delta R.T. -0.00 min
Lab File: BF079811.D
Acq: 7 Jun 2015 13:29

Instrument :
BNA_F
ClientSampleId :
PB83832BS

Tgt Ion:184 Resp: 18003
Ion Ratio Lower Upper
184 100
63 189.4 146.9 220.3
154 724.9 653.8 980.8

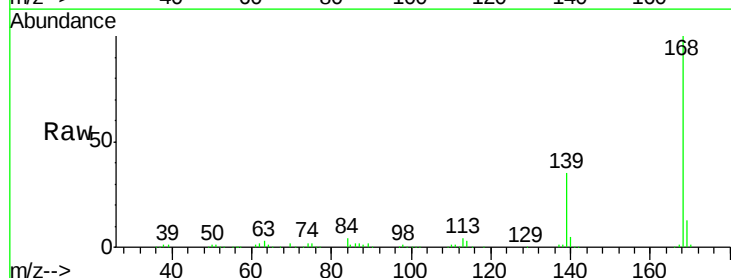


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

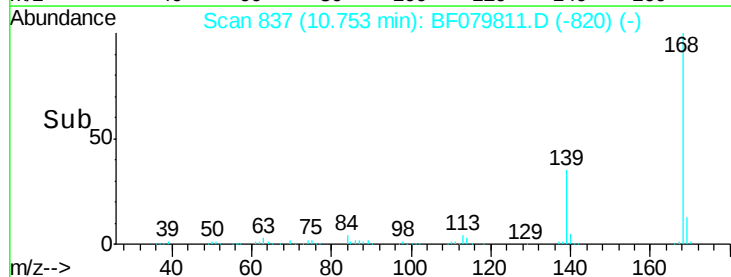
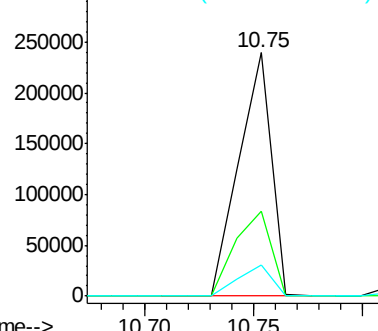


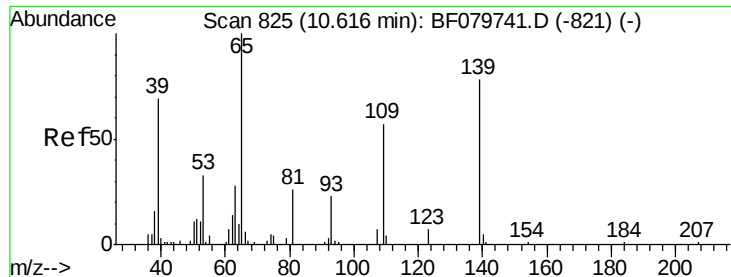
#54
Dibenzofuran
Concen: 48.90 ng
RT: 10.75 min Scan# 837
Delta R.T. -0.00 min
Lab File: BF079811.D
Acq: 7 Jun 2015 13:29

Tgt Ion:168 Resp: 252046
Ion Ratio Lower Upper
168 100
139 34.8 27.7 41.5
169 12.6 11.0 16.4



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: 103.59 ng

RT: 10.60 min Scan# 824

Delta R.T. -0.00 min

Lab File: BF079811.D

Acq: 7 Jun 2015 13:29

Instrument :

BNA_F

ClientSampleId :

PB83832BS

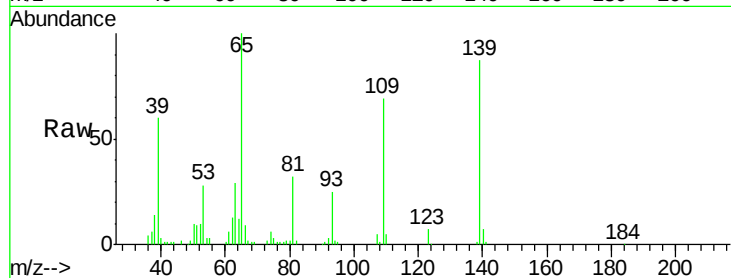
Tgt Ion:139 Resp: 68884

Ion Ratio Lower Upper

139 100

109 79.3 44.2 84.2

65 114.6 72.3 112.3#

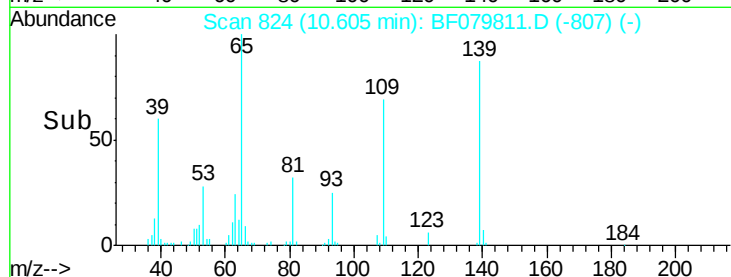


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

Time--> 10.50 10.60



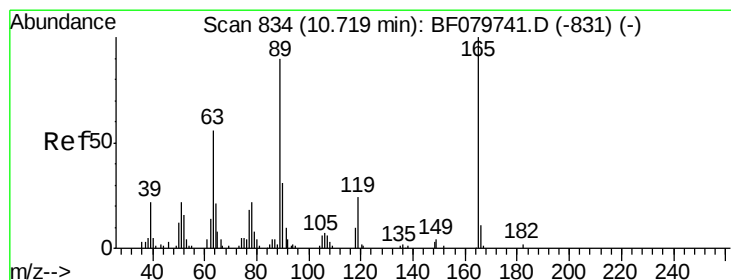
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

Time--> 10.50 10.60



#56

2,4-Dinitrotoluene

Concen: 58.46 ng

RT: 10.71 min Scan# 833

Delta R.T. -0.00 min

Lab File: BF079811.D

Acq: 7 Jun 2015 13:29

Tgt Ion:165 Resp: 51944

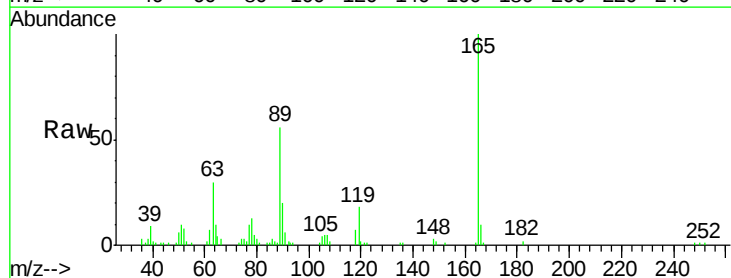
Ion Ratio Lower Upper

165 100

63 29.8 24.7 37.1

89 56.4 45.7 68.5

182 2.4 1.8 2.8



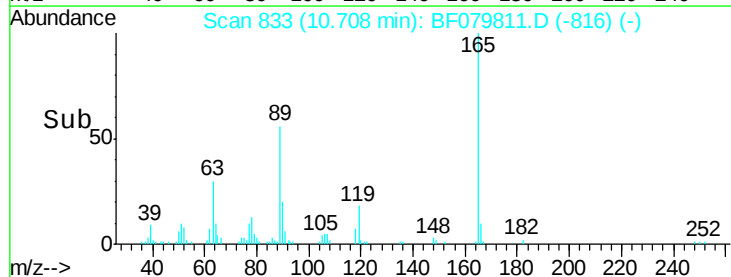
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

Time--> 10.65 10.70 10.75



Abundance

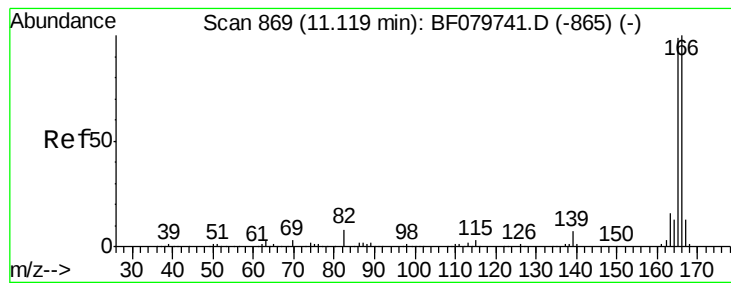
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

Time--> 10.65 10.70 10.75



#57

Fluorene

Concen: 49.32 ng

RT: 11.10 min Scan# 867

Delta R.T. -0.00 min

Lab File: BF079811.D

Acq: 7 Jun 2015 13:29

Instrument :

BNA_F

ClientSampleId :

PB83832BS

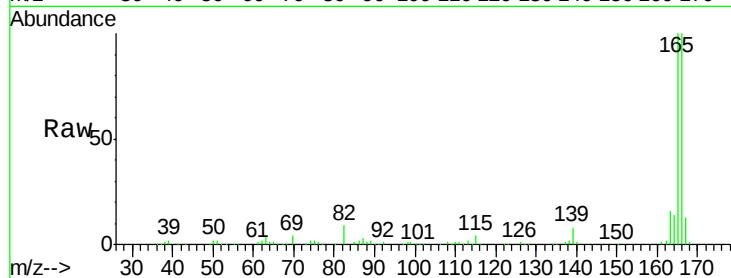
Tgt Ion:166 Resp: 220021

Ion Ratio Lower Upper

166 100

165 100.0 79.4 119.0

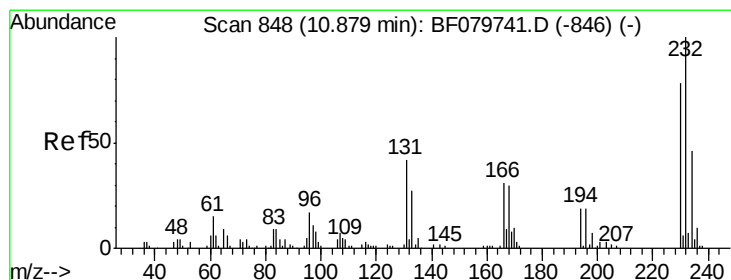
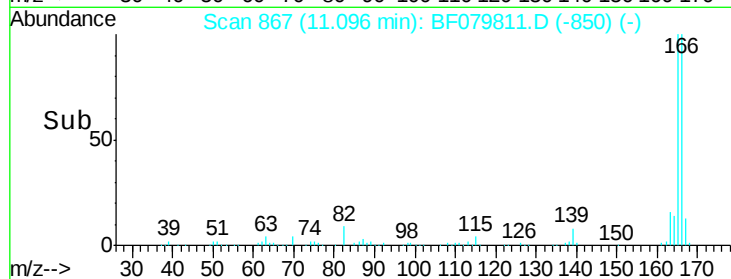
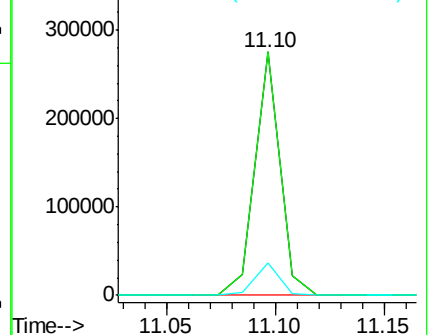
167 13.2 11.0 16.4



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: 48.02 ng

RT: 10.86 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF079811.D

Acq: 7 Jun 2015 13:29

Tgt Ion:232 Resp: 46353

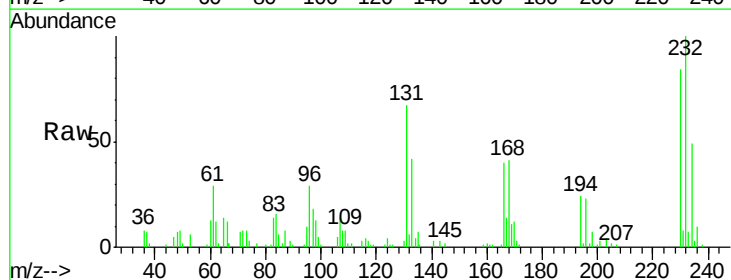
Ion Ratio Lower Upper

232 100

131 50.7 36.5 54.7

130 2.4 1.8 2.8

166 31.5 24.2 36.4

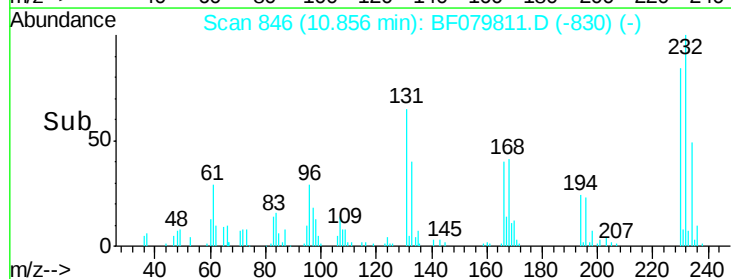
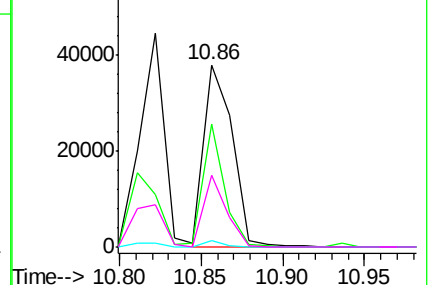


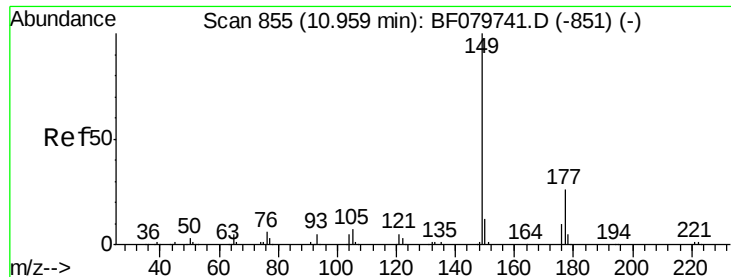
Abundance Ion 232.00 (231.70 to 232.70): E

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

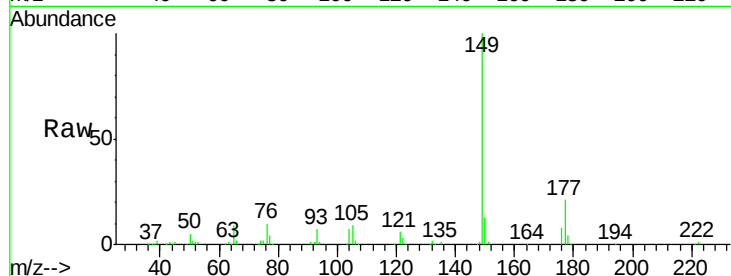




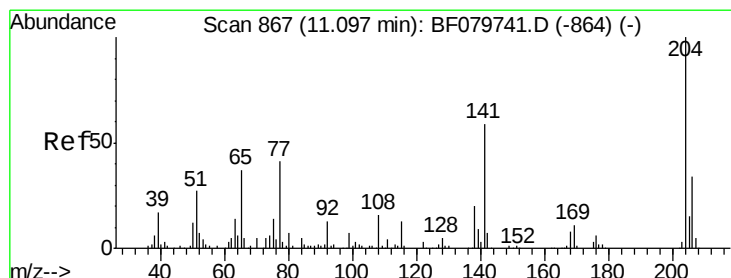
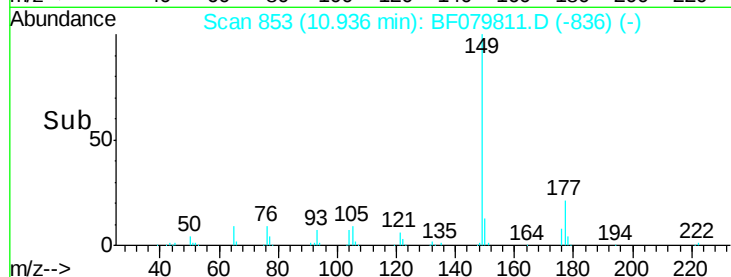
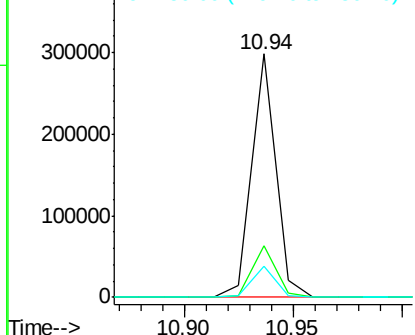
#59
Diethylphthalate
Concen: 55.57 ng
RT: 10.94 min Scan# 853
Delta R.T. -0.00 min
Lab File: BF079811.D
Acq: 7 Jun 2015 13:29

Instrument :
BNA_F
ClientSampleId :
PB83832BS

Tgt Ion:149 Resp: 229078
Ion Ratio Lower Upper
149 100
177 21.1 18.1 27.1
150 12.7 10.5 15.7

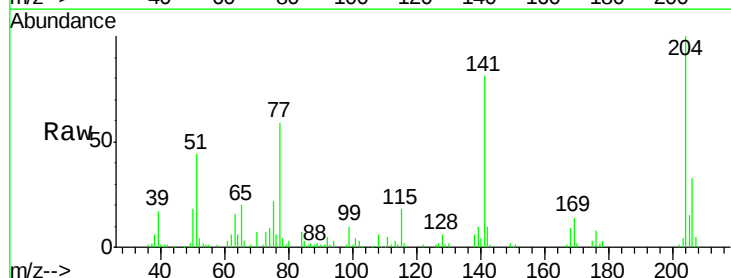


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

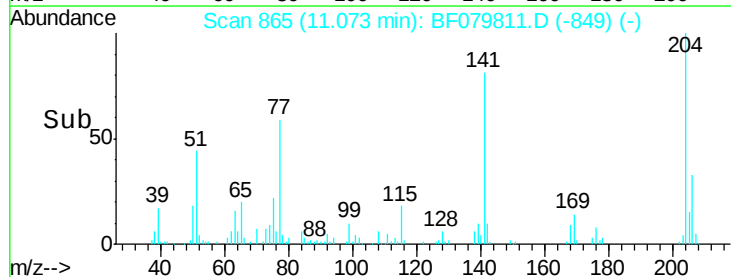
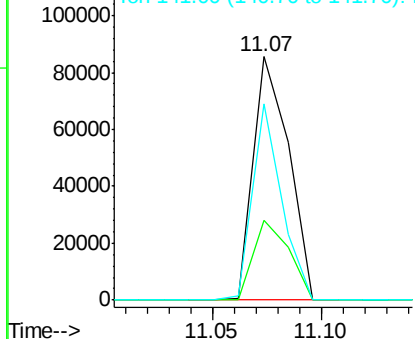


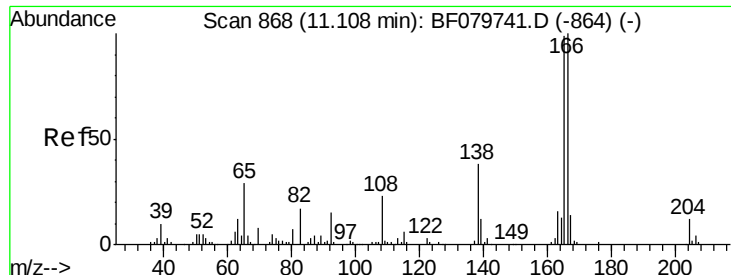
#60
4-Chlorophenyl-phenylether
Concen: 48.15 ng
RT: 11.07 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF079811.D
Acq: 7 Jun 2015 13:29

Tgt Ion:204 Resp: 97343
Ion Ratio Lower Upper
204 100
206 33.0 25.8 38.6
141 80.7 56.5 84.7



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

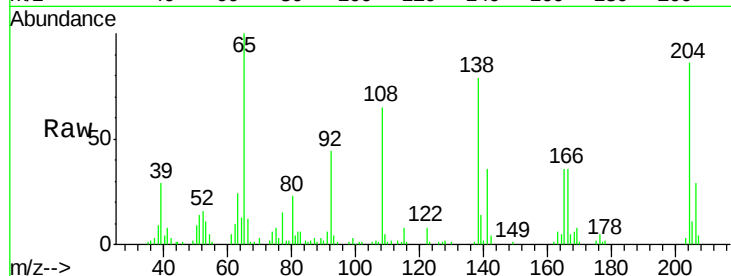




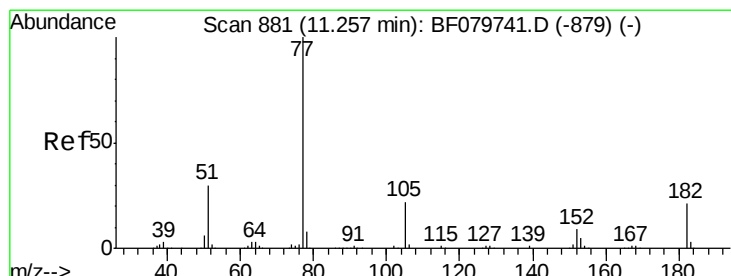
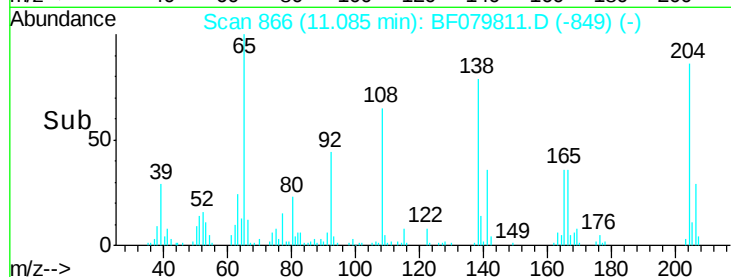
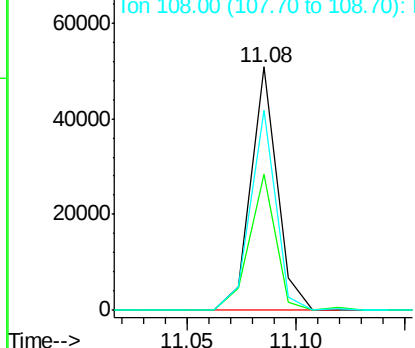
#61
4-Nitroaniline
Concen: 47.57 ng
RT: 11.08 min Scan# 866
Delta R.T. -0.00 min
Lab File: BF079811.D
Acq: 7 Jun 2015 13:29

Instrument :
BNA_F
ClientSampleId :
PB83832BS

Tgt Ion: 138 Resp: 42790
Ion Ratio Lower Upper
138 100
92 55.8 38.2 78.2
108 82.1 53.8 93.8

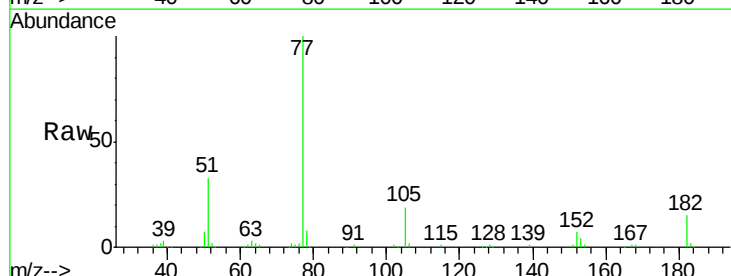


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

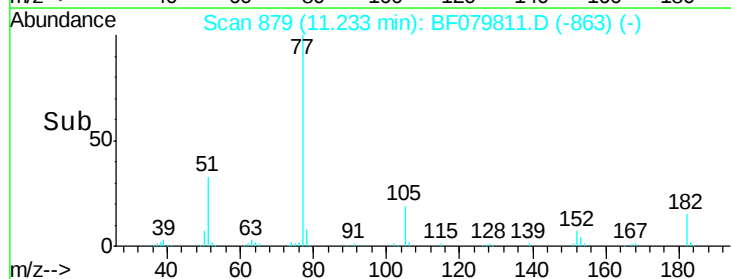
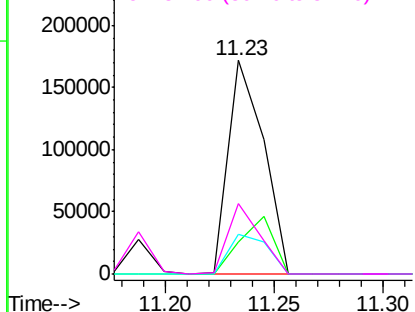


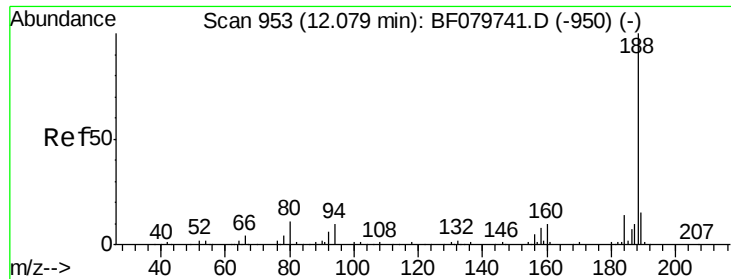
#62
Azobenzene
Concen: 46.40 ng
RT: 11.23 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF079811.D
Acq: 7 Jun 2015 13:29

Tgt Ion: 77 Resp: 193293
Ion Ratio Lower Upper
77 100
182 14.7 0.0 35.2
105 18.8 0.0 39.5
51 32.8 12.4 52.4



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: 12.06 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF079811.D

Acq: 7 Jun 2015 13:29

Instrument :

BNA_F

ClientSampleId :

PB83832BS

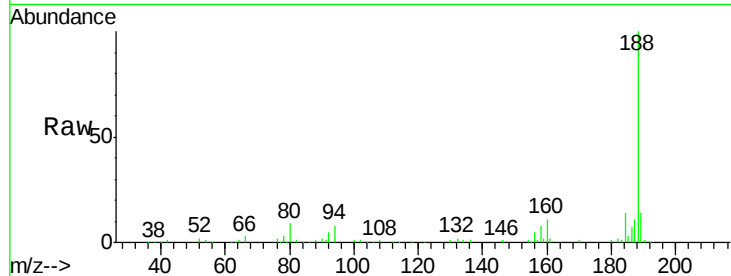
Tgt Ion:188 Resp: 115179

Ion Ratio Lower Upper

188 100

94 7.7 5.0 7.4#

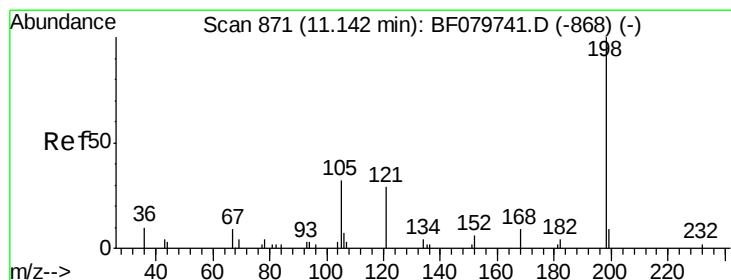
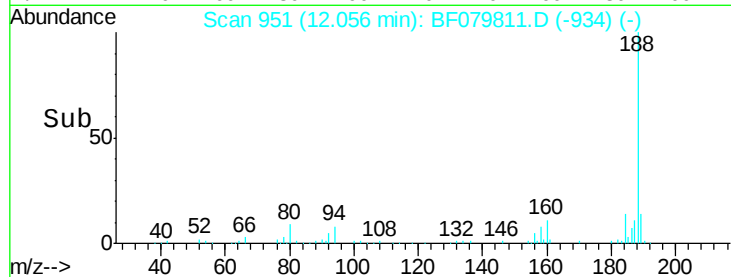
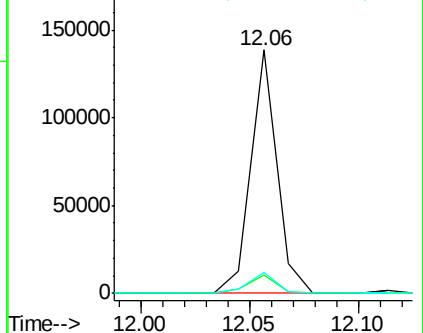
80 8.6 5.3 7.9#



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: 50.73 ng

RT: 11.12 min Scan# 869

Delta R.T. -0.00 min

Lab File: BF079811.D

Acq: 7 Jun 2015 13:29

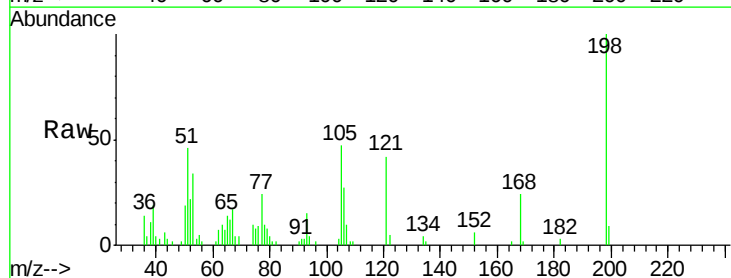
Tgt Ion:198 Resp: 15708

Ion Ratio Lower Upper

198 100

51 45.7 34.4 74.4

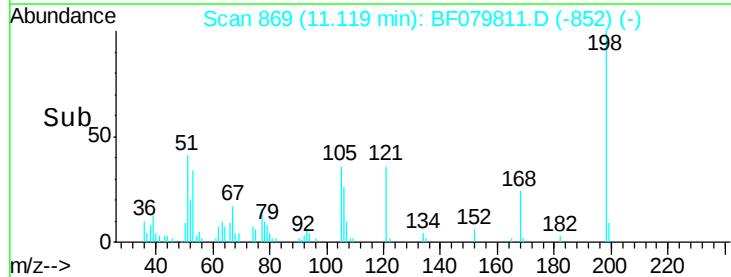
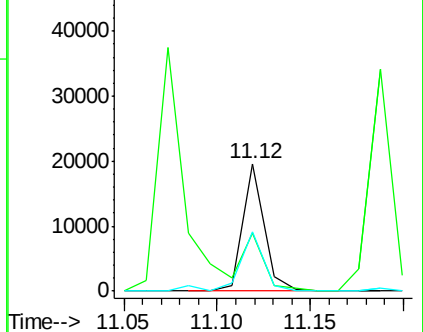
105 46.8 32.7 72.7

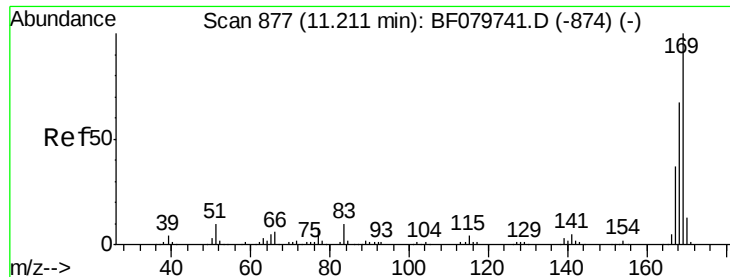


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

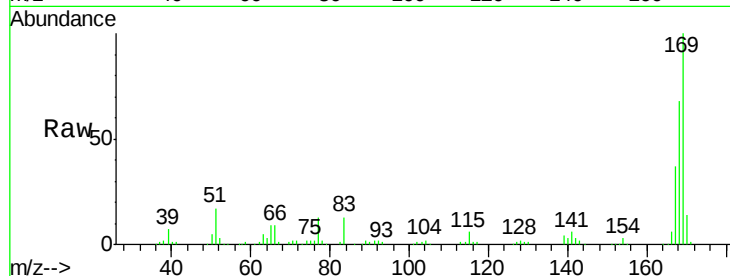




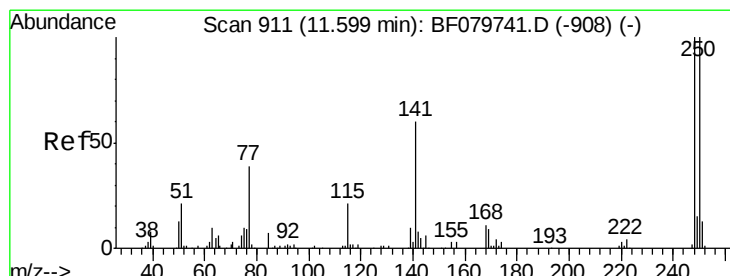
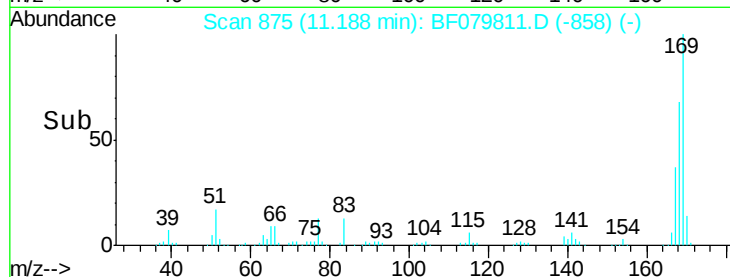
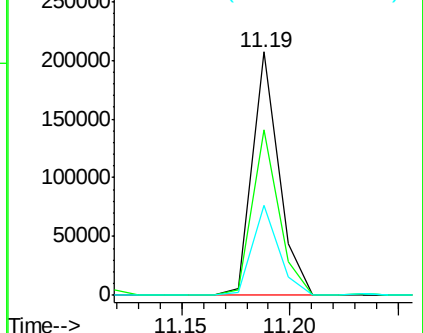
#65
 n-Nitrosodiphenylamine
 Concen: 45.78 ng
 RT: 11.19 min Scan# 875
 Delta R.T. -0.00 min
 Lab File: BF079811.D
 Acq: 7 Jun 2015 13:29

Instrument :
 BNA_F
 ClientSampleId :
 PB83832BS

Tgt Ion:169 Resp: 176112
 Ion Ratio Lower Upper
 169 100
 168 67.8 54.8 82.2
 167 36.9 29.7 44.5

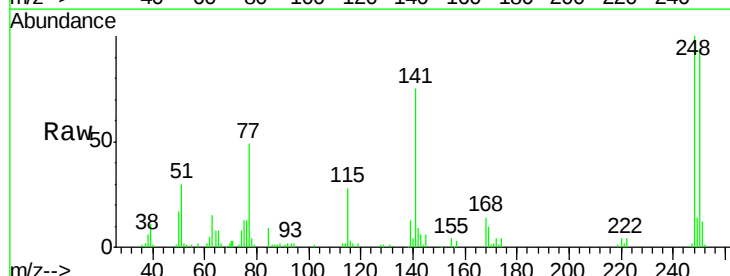


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

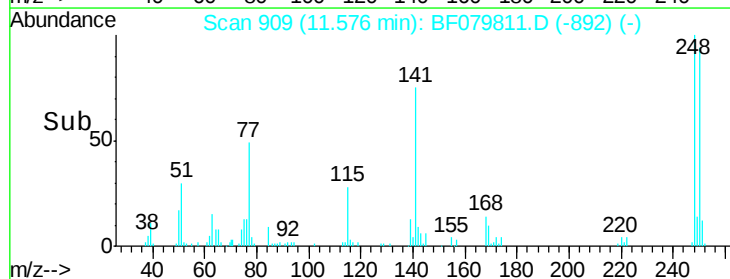
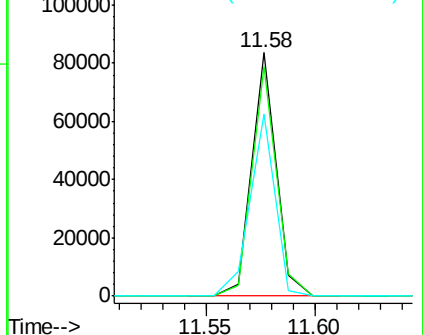


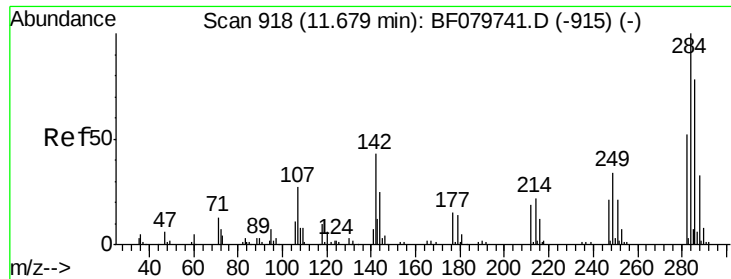
#66
 4-Bromophenyl-phenylether
 Concen: 52.20 ng
 RT: 11.58 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: BF079811.D
 Acq: 7 Jun 2015 13:29

Tgt Ion:248 Resp: 65099
 Ion Ratio Lower Upper
 248 100
 250 94.3 76.1 114.1
 141 74.9 64.6 96.8



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

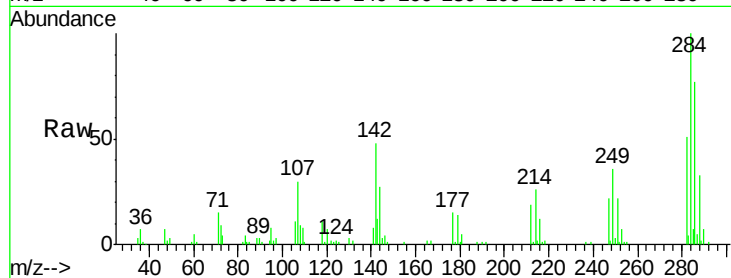




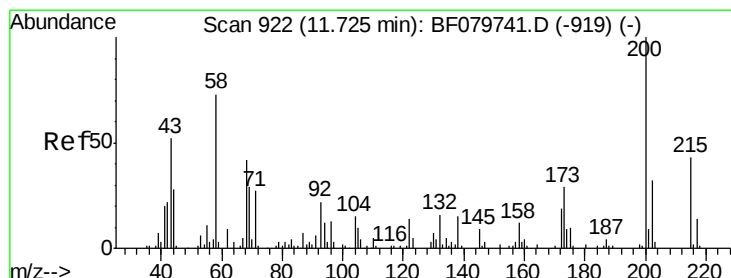
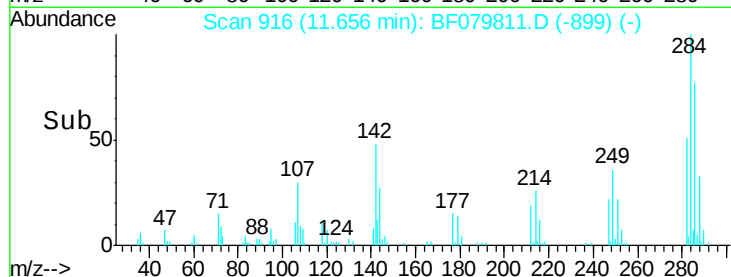
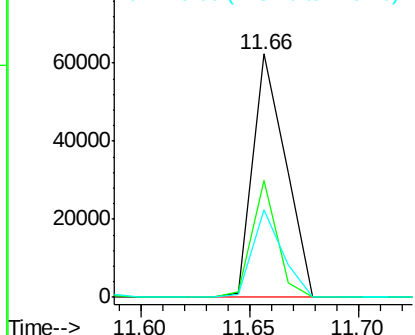
#67
Hexachlorobenzene
Concen: 46.65 ng
RT: 11.66 min Scan# 916
Delta R.T. -0.00 min
Lab File: BF079811.D
Acq: 7 Jun 2015 13:29

Instrument :
BNA_F
ClientSampleId :
PB83832BS

Tgt Ion: 284 Resp: 65436
Ion Ratio Lower Upper
284 100
142 47.9 13.0 19.4#
249 35.8 22.3 33.5#

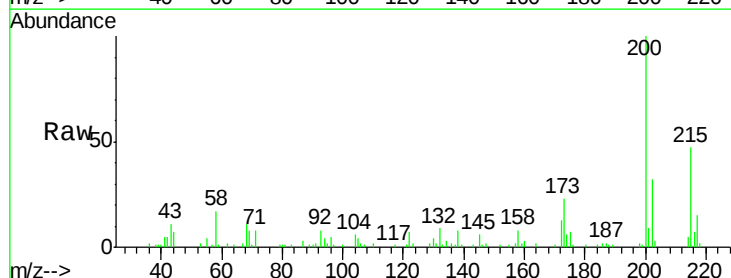


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

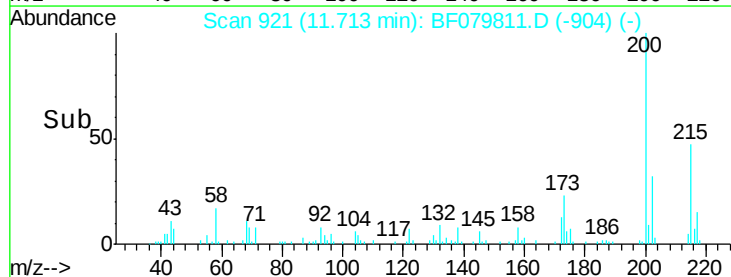
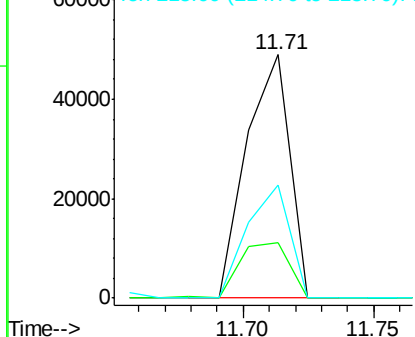


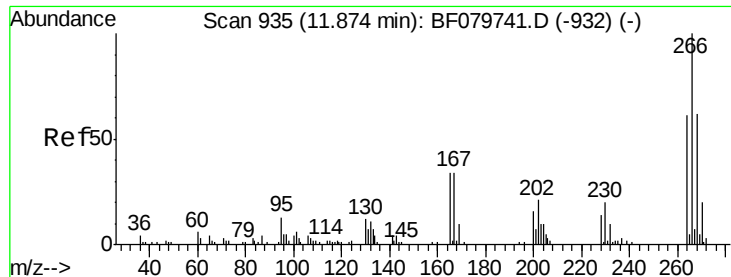
#68
Atrazine
Concen: 49.13 ng
RT: 11.71 min Scan# 921
Delta R.T. -0.00 min
Lab File: BF079811.D
Acq: 7 Jun 2015 13:29

Tgt Ion: 200 Resp: 56801
Ion Ratio Lower Upper
200 100
173 22.8 5.5 45.5
215 46.5 28.5 68.5



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

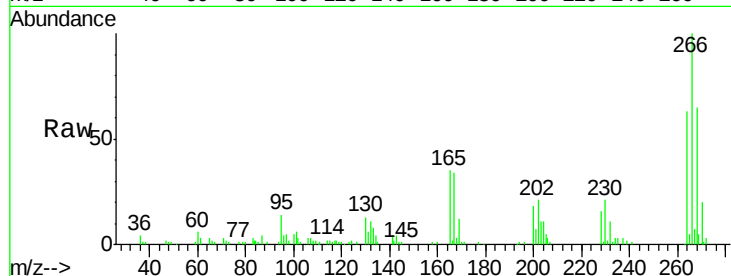




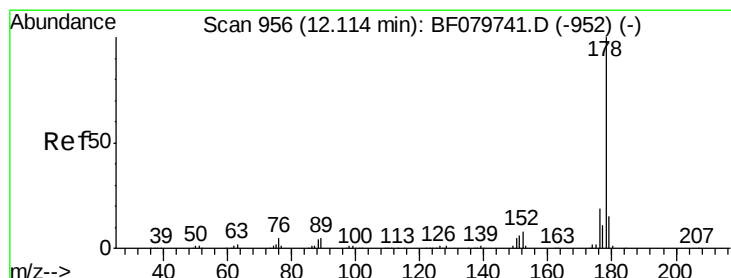
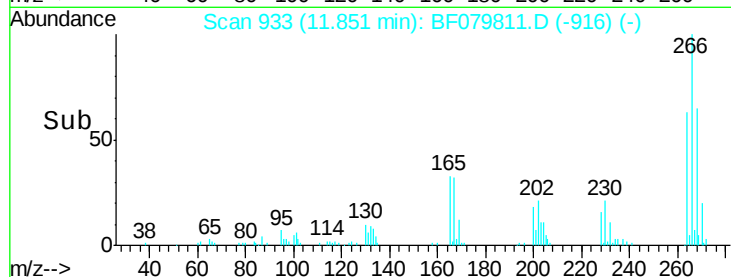
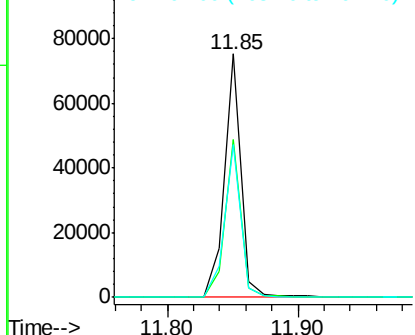
#69
 Pentachlorophenol
 Concen: 87.80 ng
 RT: 11.85 min Scan# 933
 Delta R.T. -0.00 min
 Lab File: BF079811.D
 Acq: 7 Jun 2015 13:29

Instrument :
 BNA_F
 ClientSampleId :
 PB83832BS

Tgt Ion:266 Resp: 67073
 Ion Ratio Lower Upper
 266 100
 268 64.9 50.4 75.6
 264 63.0 51.3 76.9

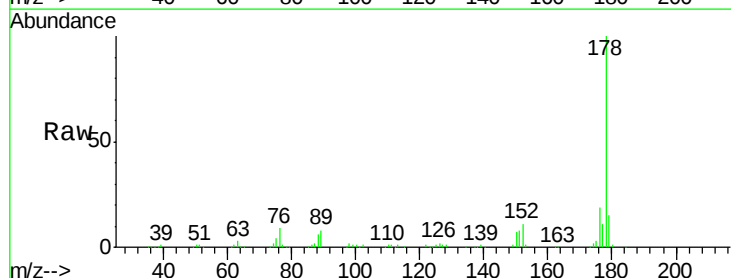


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

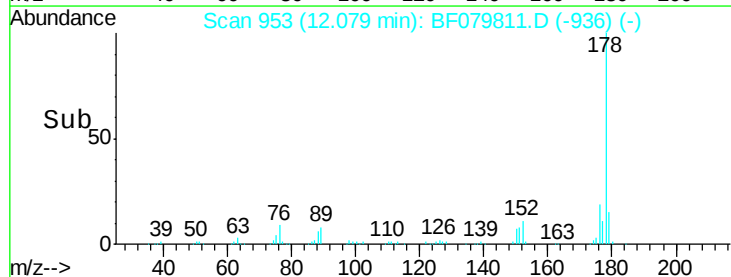
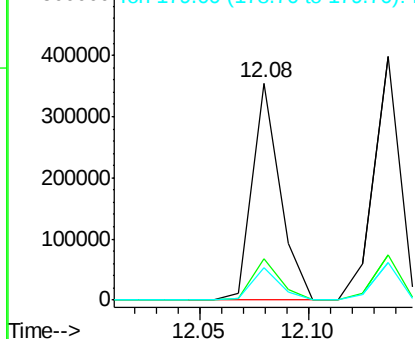


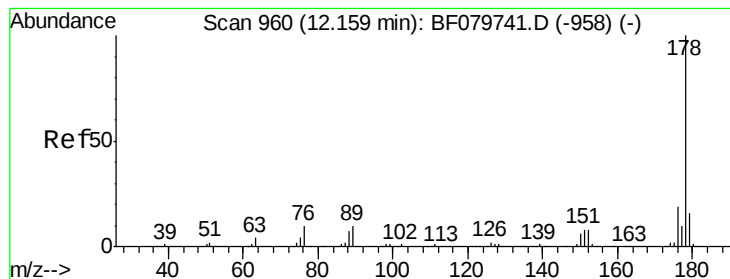
#70
 Phenanthrene
 Concen: 46.87 ng
 RT: 12.08 min Scan# 953
 Delta R.T. -0.00 min
 Lab File: BF079811.D
 Acq: 7 Jun 2015 13:29

Tgt Ion:178 Resp: 316088
 Ion Ratio Lower Upper
 178 100
 176 18.9 16.2 24.4
 179 14.9 12.6 19.0



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





#71

Anthracene

Concen: 49.67 ng

RT: 12.14 min Scan# 958

Delta R.T. -0.00 min

Lab File: BF079811.D

Acq: 7 Jun 2015 13:29

Instrument :

BNA_F

ClientSampleId :

PB83832BS

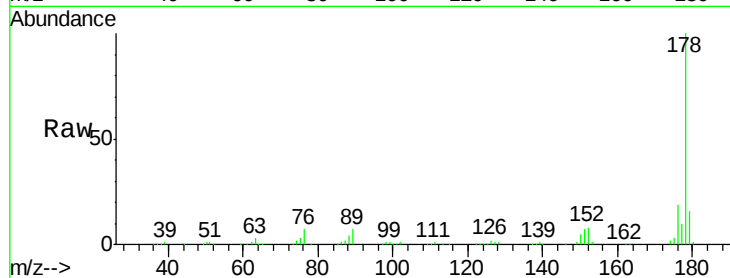
Tgt Ion:178 Resp: 330283

Ion Ratio Lower Upper

178 100

176 18.8 14.8 22.2

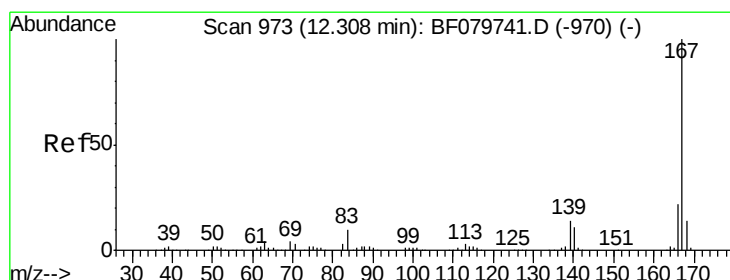
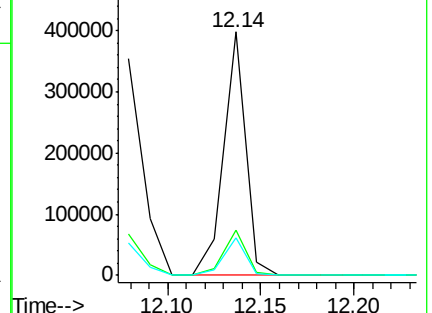
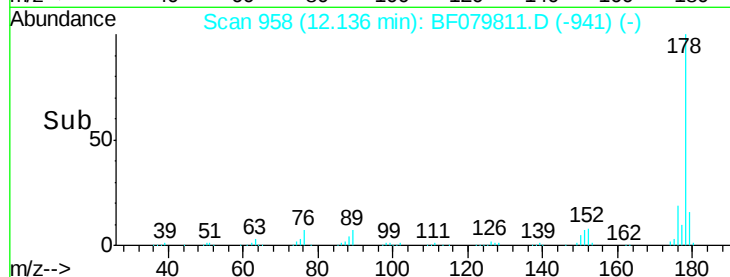
179 15.6 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 48.62 ng

RT: 12.28 min Scan# 971

Delta R.T. 0.01 min

Lab File: BF079811.D

Acq: 7 Jun 2015 13:29

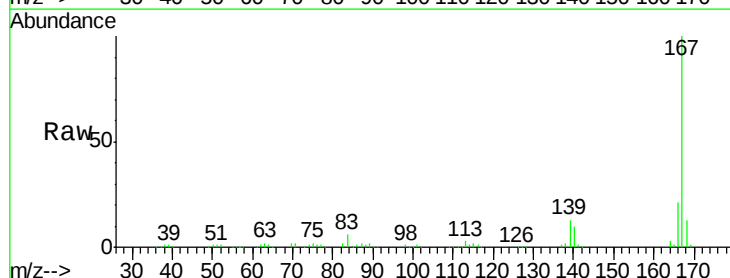
Tgt Ion:167 Resp: 307274

Ion Ratio Lower Upper

167 100

166 20.9 17.7 26.5

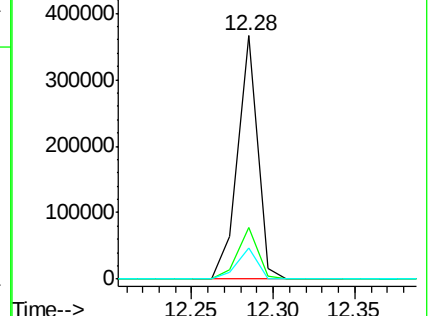
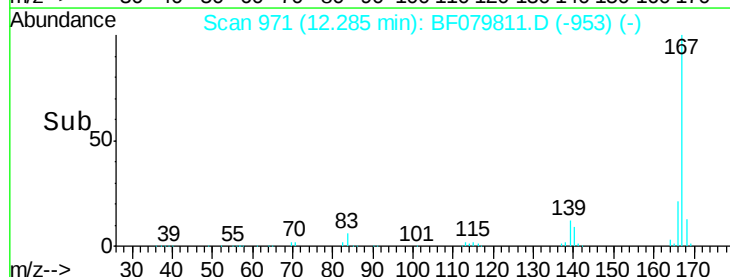
139 12.8 9.3 13.9

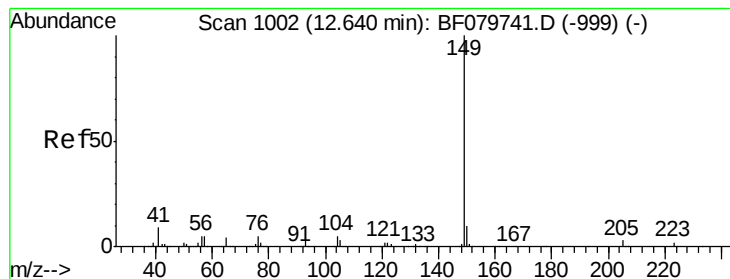


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 46.41 ng

RT: 12.62 min Scan# 1000

Delta R.T. 0.02 min

Lab File: BF079811.D

Acq: 7 Jun 2015 13:29

Instrument :

BNA_F

ClientSampleId :

PB83832BS

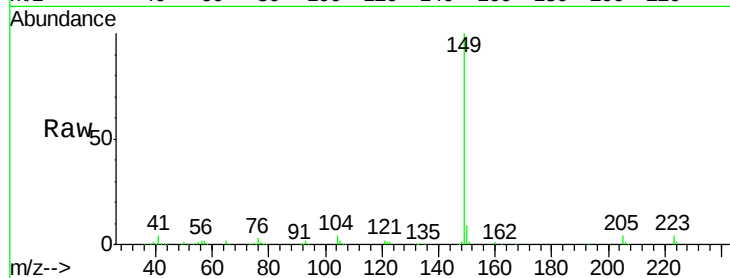
Tgt Ion:149 Resp: 332471

Ion Ratio Lower Upper

149 100

150 8.5 9.8 14.8#

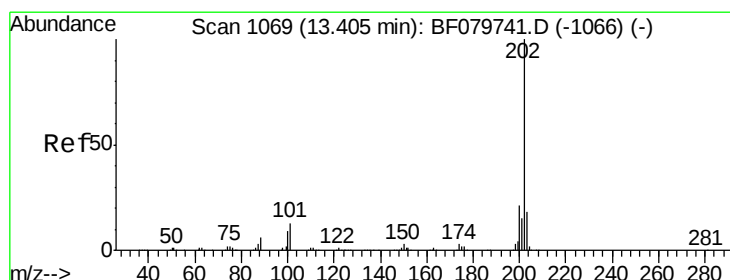
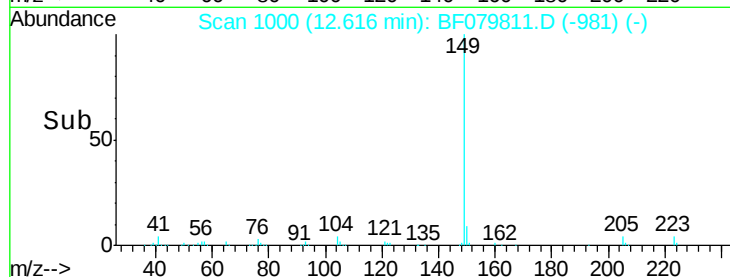
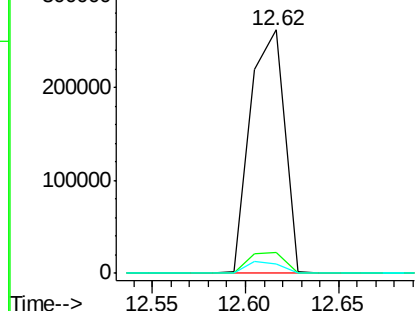
104 3.7 12.9 19.3#



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: 46.13 ng

RT: 13.36 min Scan# 1065

Delta R.T. 0.03 min

Lab File: BF079811.D

Acq: 7 Jun 2015 13:29

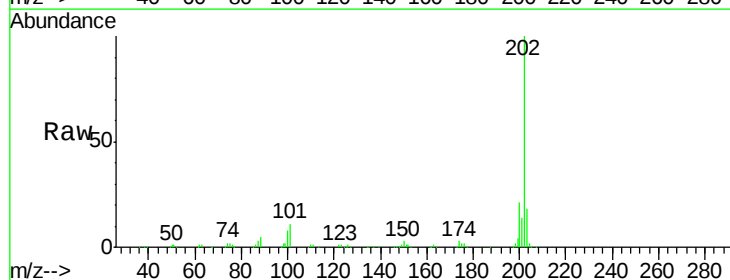
Tgt Ion:202 Resp: 340570

Ion Ratio Lower Upper

202 100

101 10.9 0.0 31.3

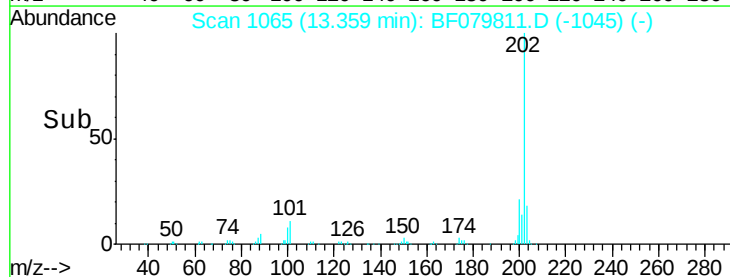
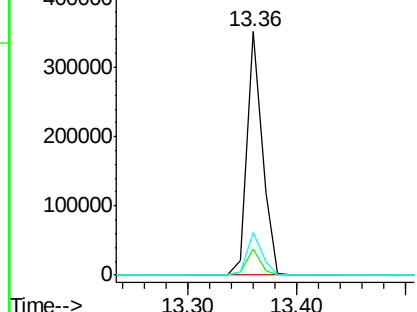
203 17.7 0.0 38.4

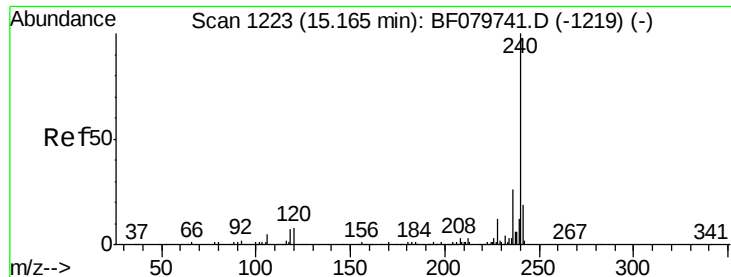


Abundance Ion 202.00 (201.70 to 202.70): E

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: 15.07 min Scan# 1215

Delta R.T. 0.09 min

Lab File: BF079811.D

Acq: 7 Jun 2015 13:29

Instrument :

BNA_F

ClientSampleId :

PB83832BS

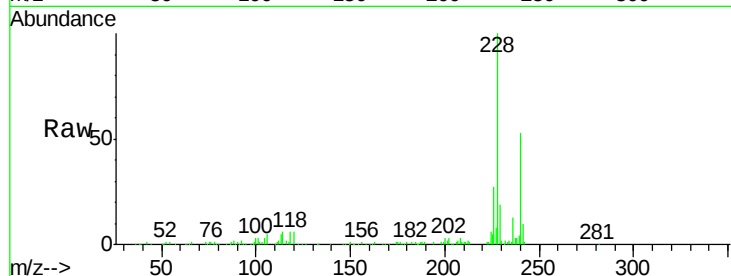
Tgt Ion:240 Resp: 114320

Ion Ratio Lower Upper

240 100

120 12.0 6.2 9.2#

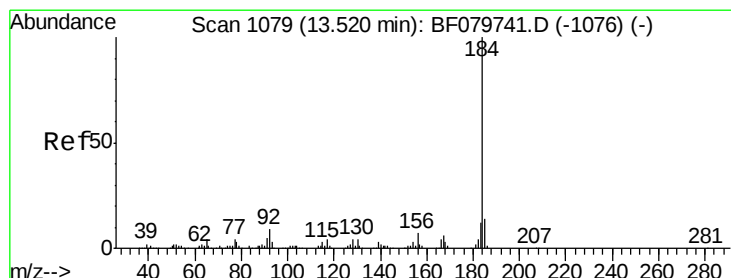
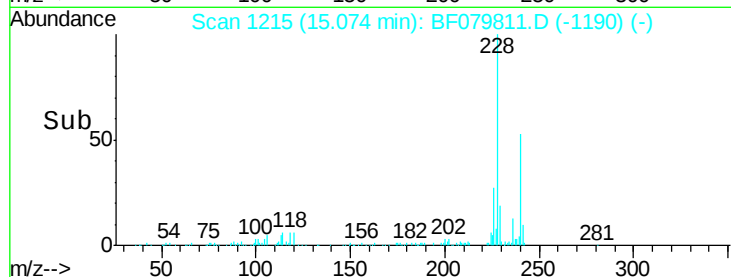
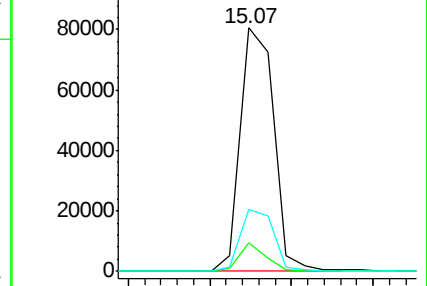
236 25.3 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 40.99 ng

RT: 13.47 min Scan# 1075

Delta R.T. 0.03 min

Lab File: BF079811.D

Acq: 7 Jun 2015 13:29

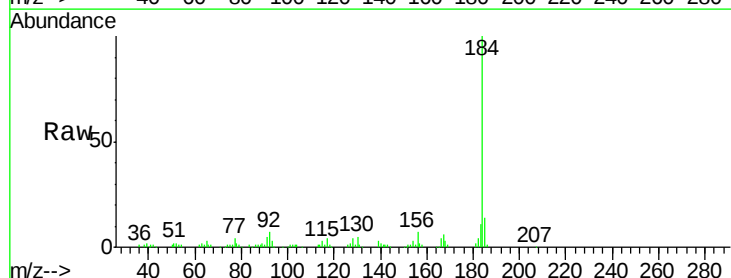
Tgt Ion:184 Resp: 147901

Ion Ratio Lower Upper

184 100

185 14.0 12.2 18.2

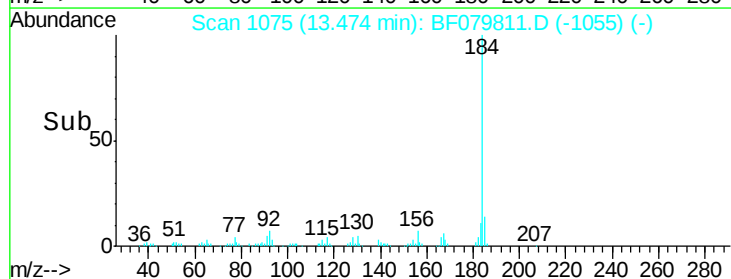
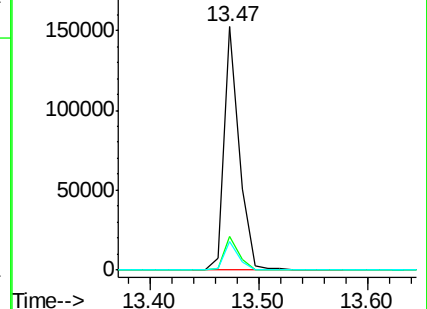
183 11.5 9.3 13.9

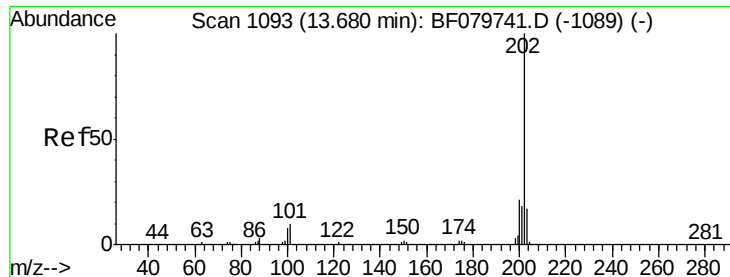


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 49.57 ng

RT: 13.62 min Scan# 1088

Delta R.T. 0.03 min

Lab File: BF079811.D

Acq: 7 Jun 2015 13:29

Instrument :

BNA_F

ClientSampleId :

PB83832BS

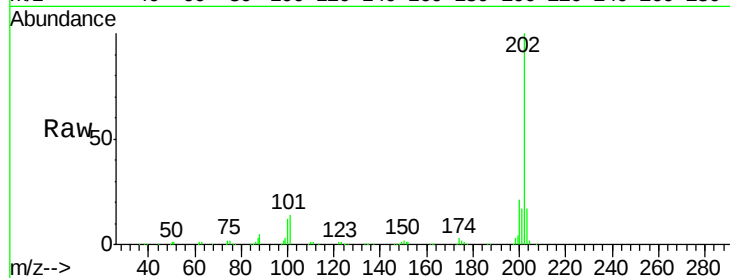
Tgt Ion:202 Resp: 347407

Ion Ratio Lower Upper

202 100

200 21.2 17.5 26.3

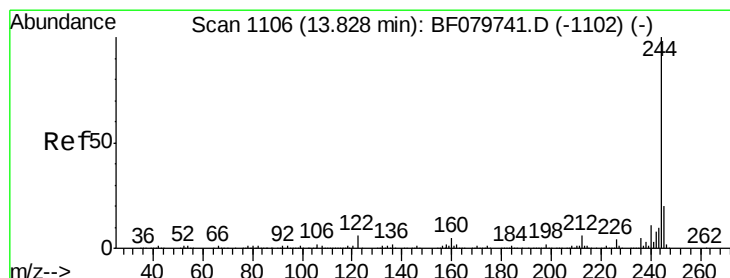
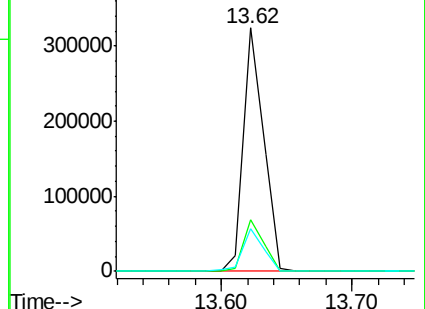
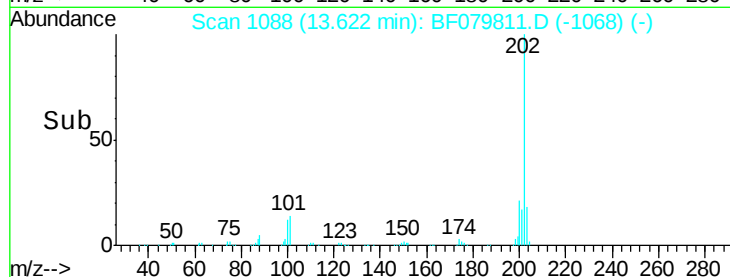
203 17.5 14.8 22.2



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: 102.65 ng

RT: 13.77 min Scan# 1101

Delta R.T. 0.05 min

Lab File: BF079811.D

Acq: 7 Jun 2015 13:29

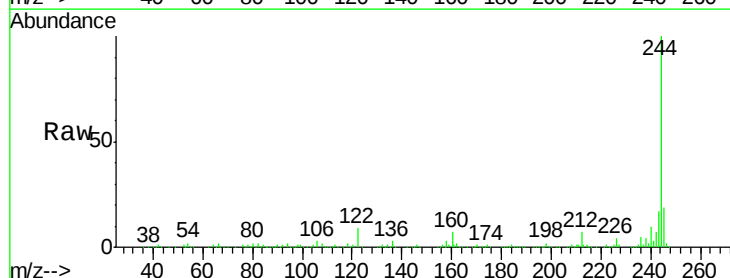
Tgt Ion:244 Resp: 512374

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

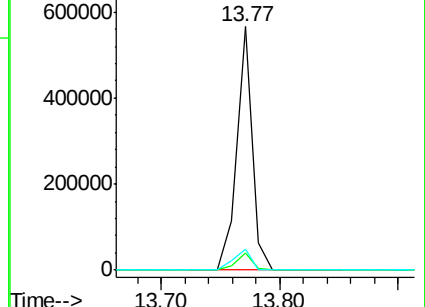
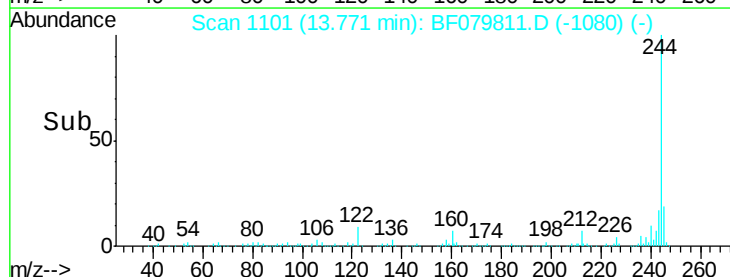
122 8.7 9.3 13.9#

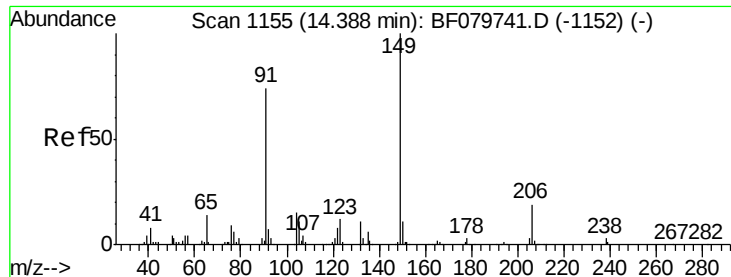


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 51.01 ng

RT: 14.32 min Scan# 1149

Delta R.T. 0.07 min

Lab File: BF079811.D

Acq: 7 Jun 2015 13:29

Instrument :

BNA_F

ClientSampleId :

PB83832BS

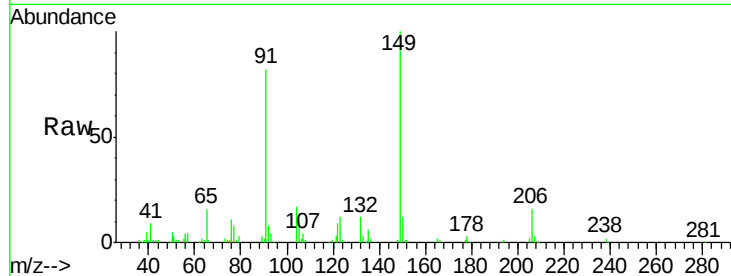
Tgt Ion:149 Resp: 142512

Ion Ratio Lower Upper

149 100

91 81.7 64.4 96.6

206 15.6 14.8 22.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

14.32

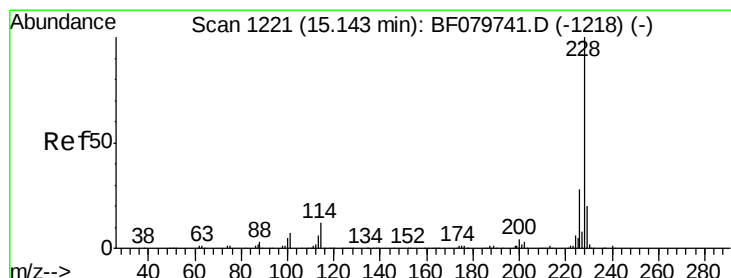
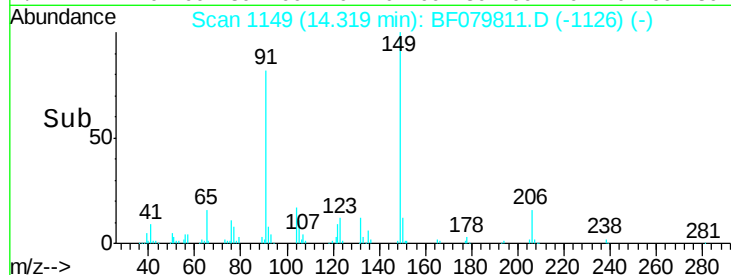
100000

50000

0

14.25 14.30 14.35

Time-->



#80

Benzo(a)anthracene

Concen: 48.01 ng

RT: 15.06 min Scan# 1214

Delta R.T. 0.09 min

Lab File: BF079811.D

Acq: 7 Jun 2015 13:29

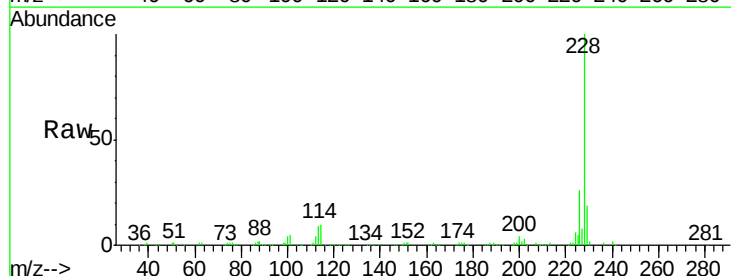
Tgt Ion:228 Resp: 335947

Ion Ratio Lower Upper

228 100

226 26.4 22.2 33.4

229 19.4 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

15.06

300000

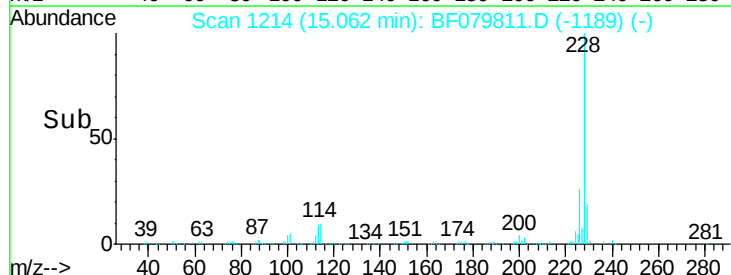
200000

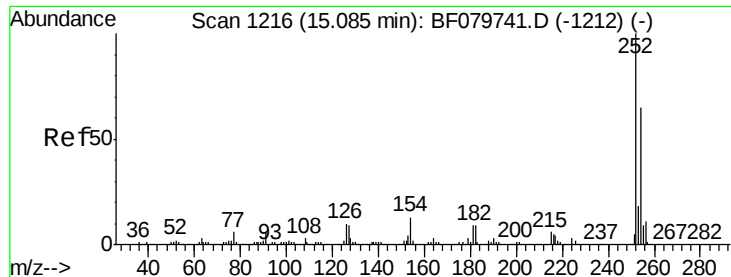
100000

0

15.00 15.05 15.10

Time-->

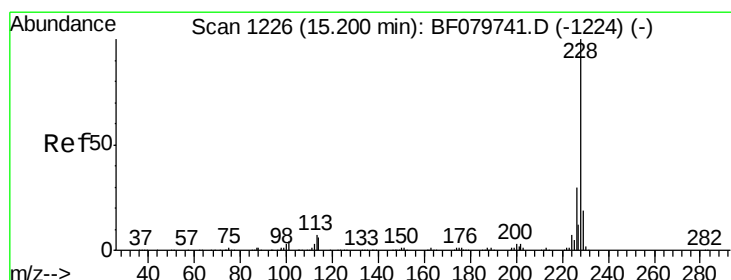
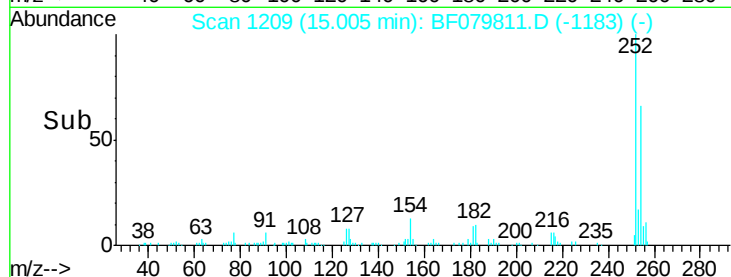
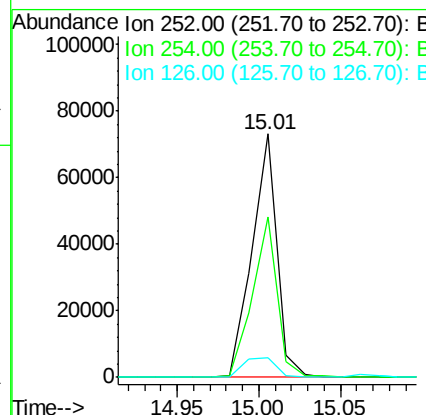
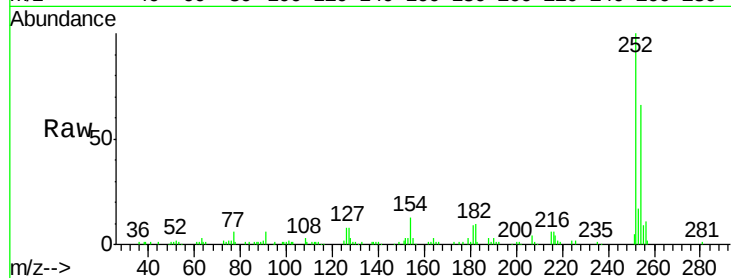




#81
 3,3'-Dichlorobenzidine
 Concen: 32.44 ng
 RT: 15.01 min Scan# 1209
 Delta R.T. 0.10 min
 Lab File: BF079811.D
 Acq: 7 Jun 2015 13:29

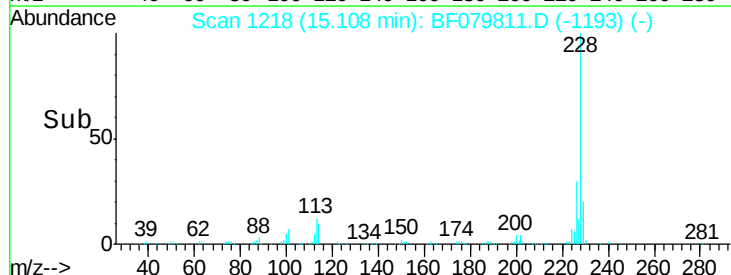
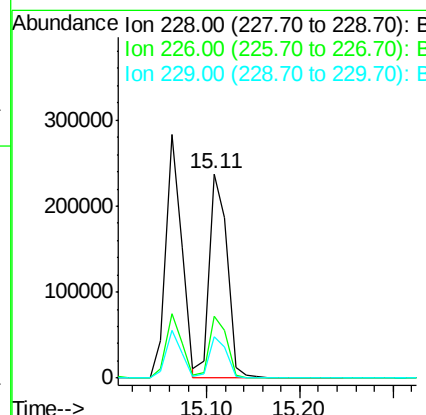
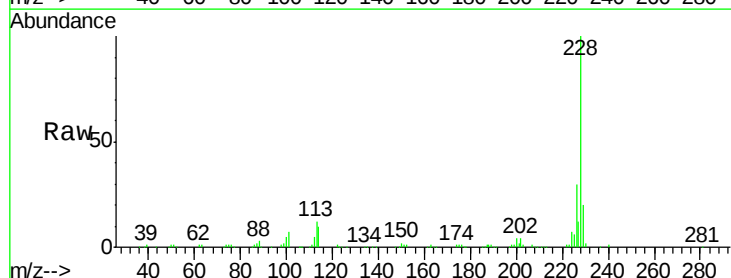
Instrument :
 BNA_F
 ClientSampleId :
 PB83832BS

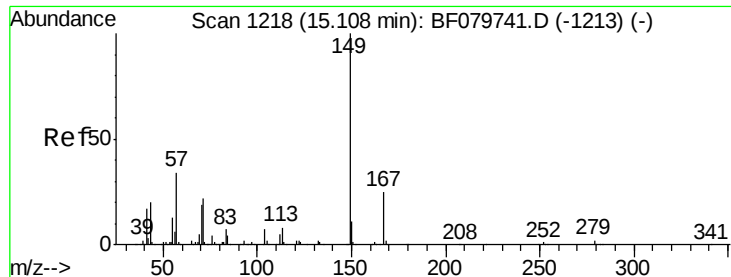
Tgt Ion:252 Resp: 77122
 Ion Ratio Lower Upper
 252 100
 254 65.9 52.0 78.0
 126 7.9 6.9 10.3



#82
 Chrysene
 Concen: 49.53 ng
 RT: 15.11 min Scan# 1218
 Delta R.T. 0.09 min
 Lab File: BF079811.D
 Acq: 7 Jun 2015 13:29

Tgt Ion:228 Resp: 320445
 Ion Ratio Lower Upper
 228 100
 226 30.0 25.2 37.8
 229 20.0 16.2 24.4

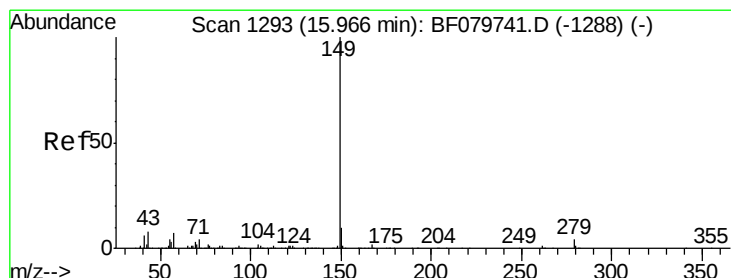
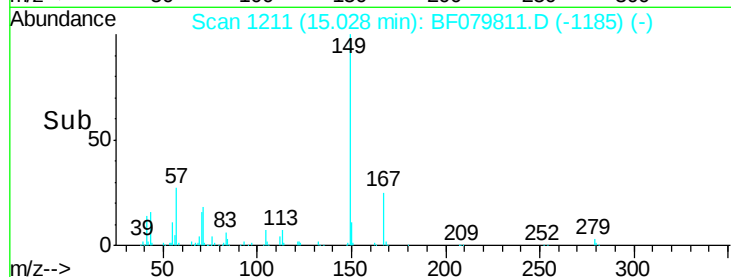
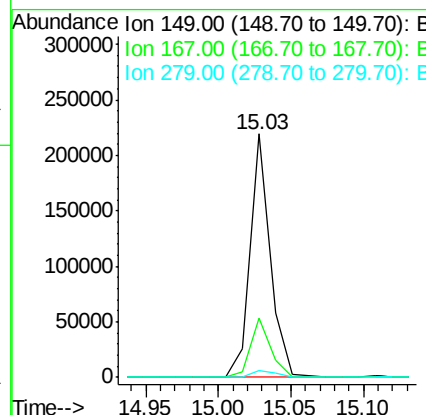
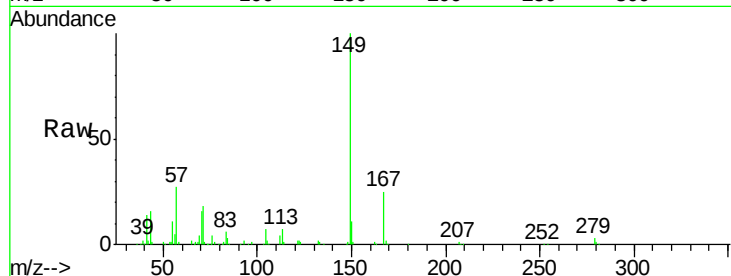




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.86 ng
 RT: 15.03 min Scan# 1211
 Delta R.T. 0.10 min
 Lab File: BF079811.D
 Acq: 7 Jun 2015 13:29

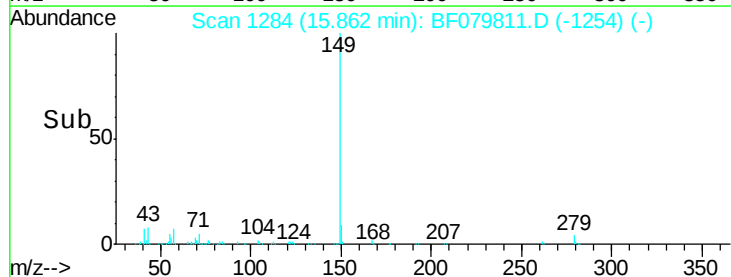
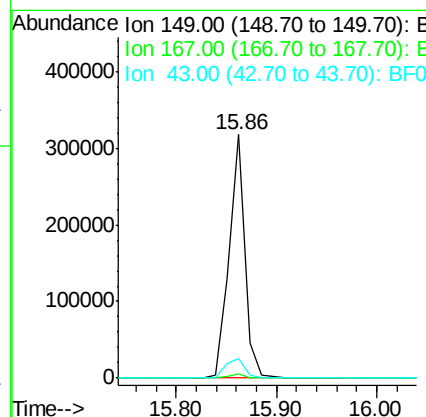
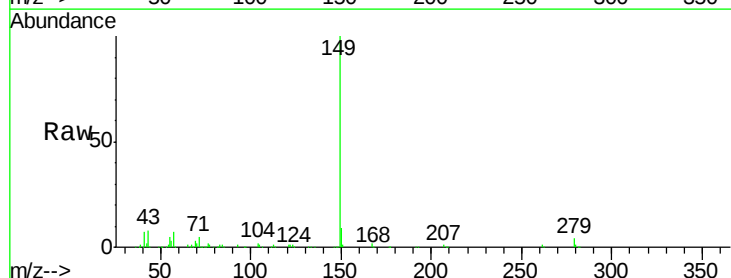
Instrument :
 BNA_F
 ClientSampleId :
 PB83832BS

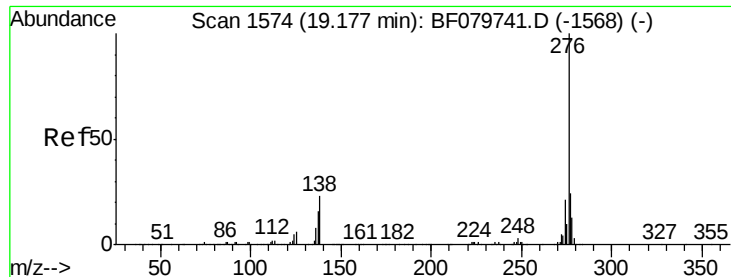
Tgt Ion	Ratio	Lower	Upper
149	100		
167	24.6	20.9	31.3
279	2.9	2.2	3.2



#84
 Di-n-octyl phthalate
 Concen: 44.44 ng
 RT: 15.86 min Scan# 1284
 Delta R.T. 0.15 min
 Lab File: BF079811.D
 Acq: 7 Jun 2015 13:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	10.0	9.0	13.4





#85

Indeno(1,2,3-cd)pyrene

Concen: 42.91 ng

RT: 19.04 min Scan# 1562

Delta R.T. 0.15 min

Lab File: BF079811.D

Acq: 7 Jun 2015 13:29

Instrument :

BNA_F

ClientSampleId :

PB83832BS

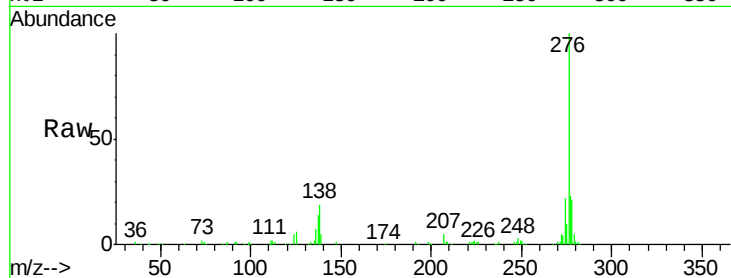
Tgt Ion:276 Resp: 321334

Ion Ratio Lower Upper

276 100

138 23.2 20.8 31.2

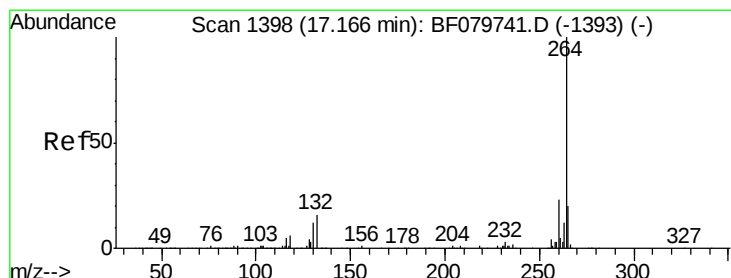
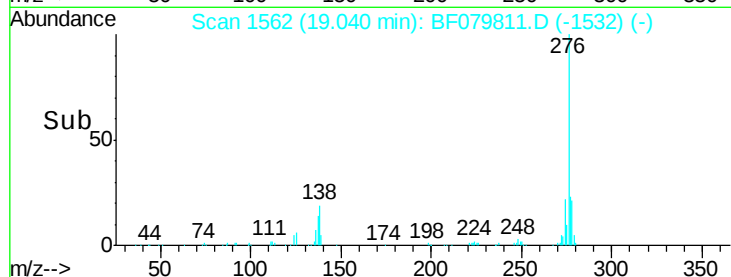
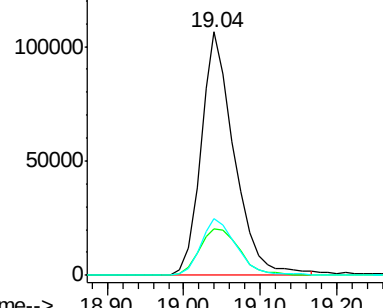
277 25.2 20.0 30.0



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: 17.05 min Scan# 1388

Delta R.T. 0.15 min

Lab File: BF079811.D

Acq: 7 Jun 2015 13:29

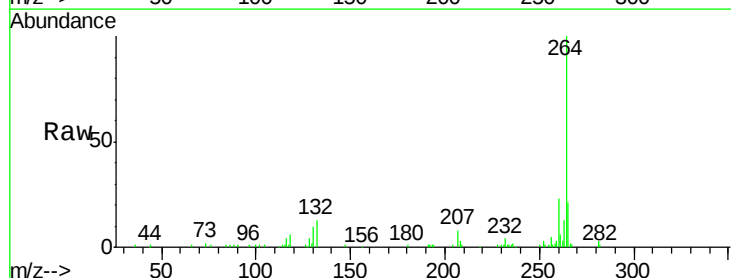
Tgt Ion:264 Resp: 103700

Ion Ratio Lower Upper

264 100

260 22.6 18.6 27.8

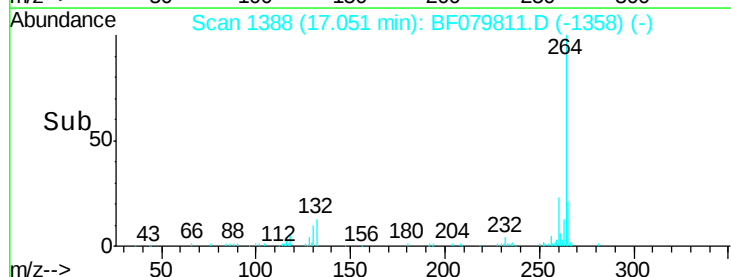
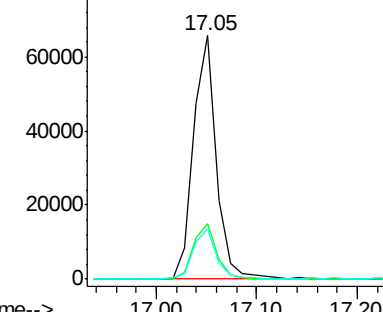
265 20.7 18.2 27.4

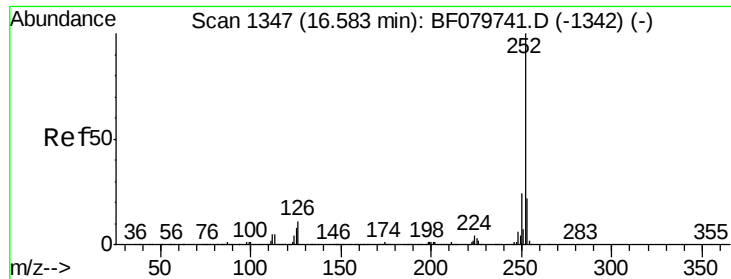


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

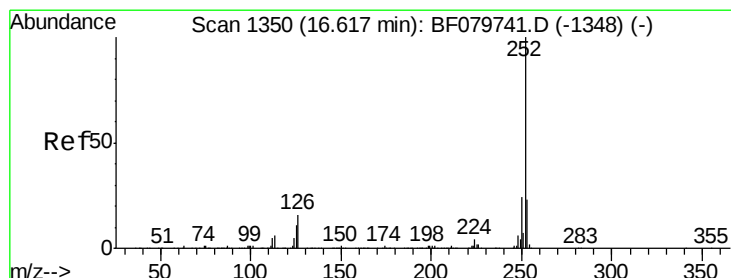
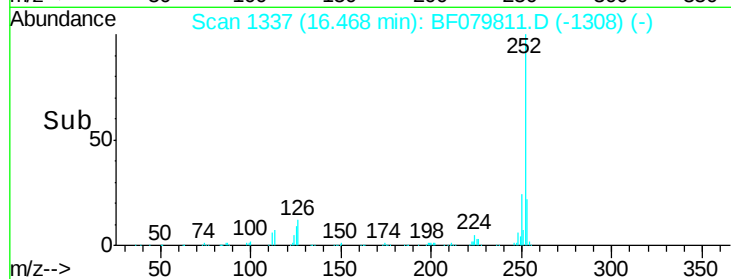
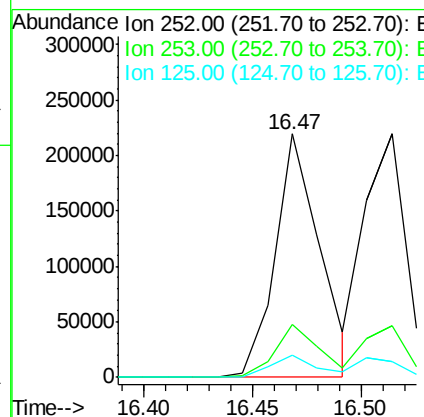
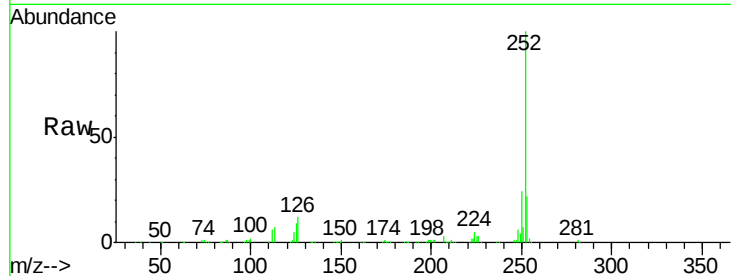




#87
Benzo(b)fluoranthene
Concen: 48.64 ng
RT: 16.47 min Scan# 1337
Delta R.T. 0.14 min
Lab File: BF079811.D
Acq: 7 Jun 2015 13:29

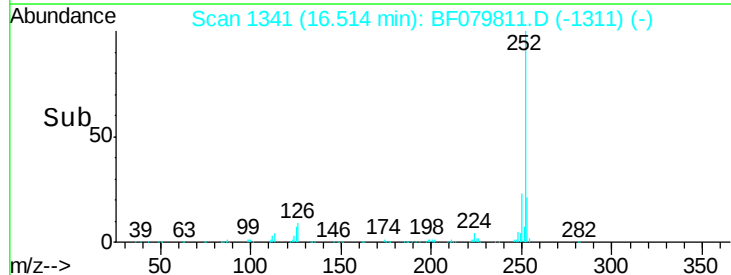
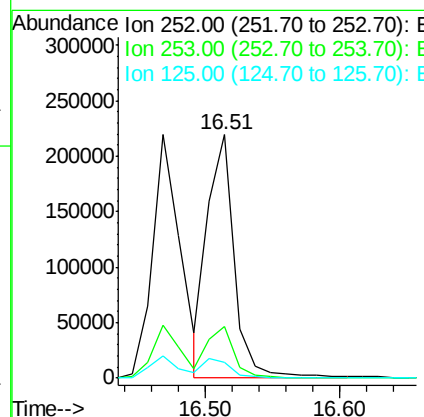
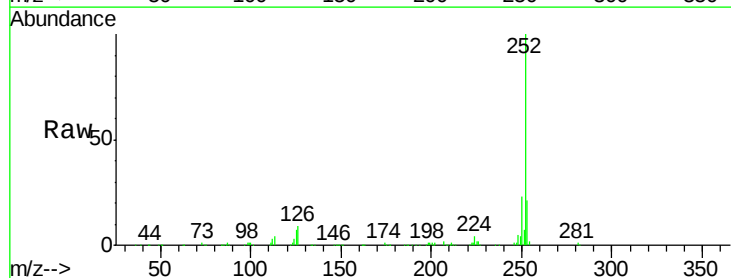
Instrument :
BNA_F
ClientSampleId :
PB83832BS

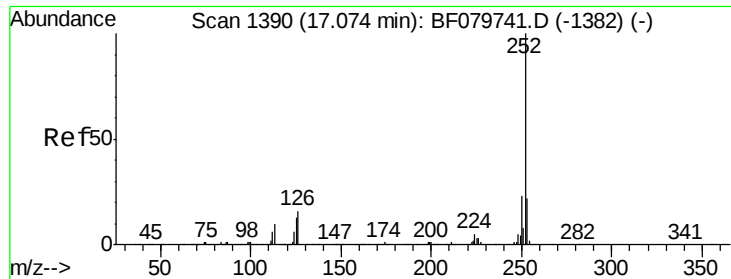
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	9.1	6.5	9.7



#88
Benzo(k)fluoranthene
Concen: 49.85 ng m
RT: 16.51 min Scan# 1341
Delta R.T. 0.15 min
Lab File: BF079811.D
Acq: 7 Jun 2015 13:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.8	26.8
125	6.5	8.4	12.6#





#89

Benzo(a)pyrene

Concen: 51.16 ng

RT: 16.96 min Scan# 1380

Delta R.T. 0.14 min

Lab File: BF079811.D

Acq: 7 Jun 2015 13:29

Instrument :

BNA_F

ClientSampleId :

PB83832BS

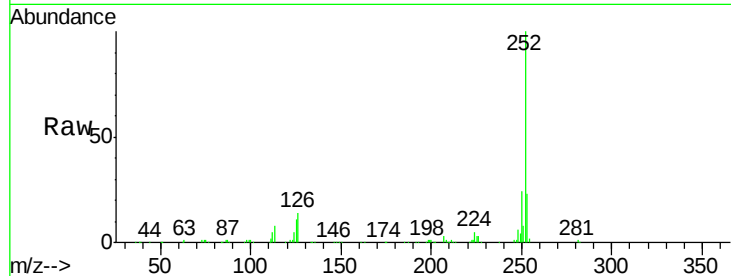
Tgt Ion:252 Resp: 304260

Ion Ratio Lower Upper

252 100

253 22.6 17.6 26.4

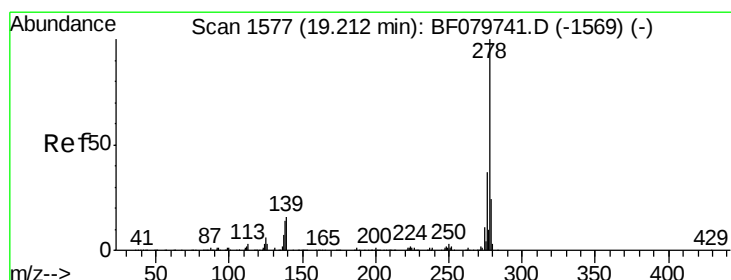
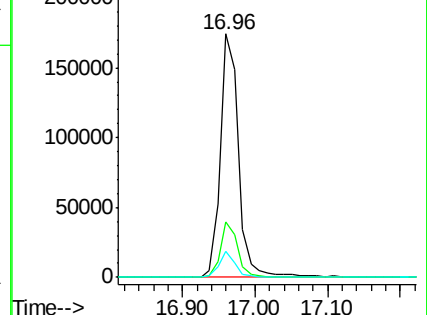
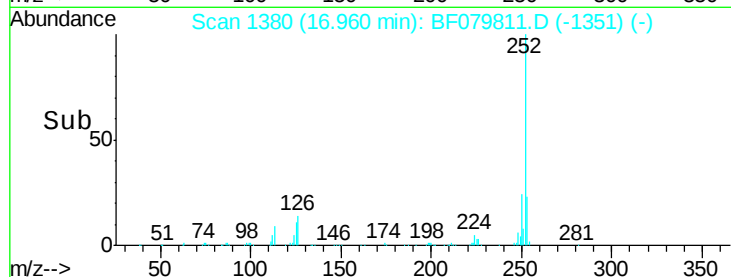
125 10.8 7.4 11.0



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: 47.20 ng

RT: 19.06 min Scan# 1564

Delta R.T. 0.15 min

Lab File: BF079811.D

Acq: 7 Jun 2015 13:29

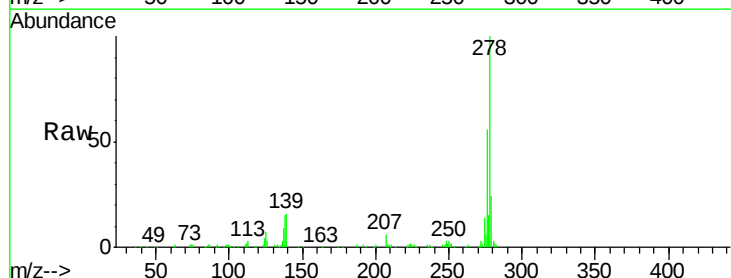
Tgt Ion:278 Resp: 270902

Ion Ratio Lower Upper

278 100

139 16.3 12.7 19.1

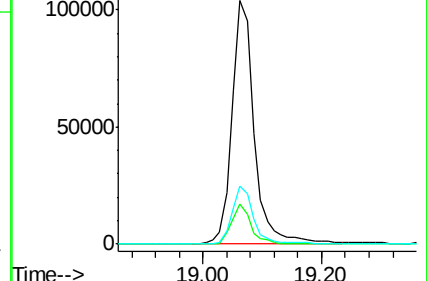
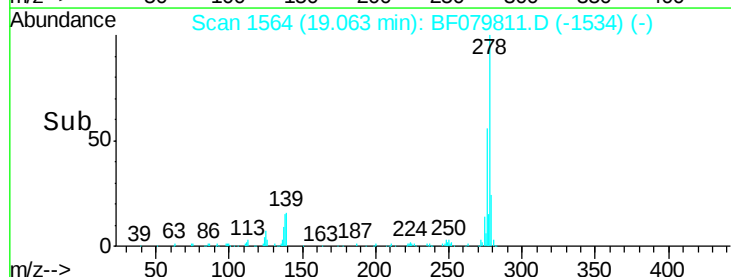
279 24.0 19.4 29.2

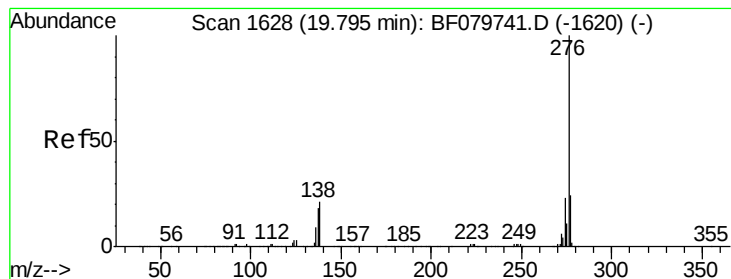


Abundance Ion 278.00 (277.70 to 278.70): E

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: 46.40 ng

RT: 19.65 min Scan# 1615

Delta R.T. 0.16 min

Lab File: BF079811.D

Acq: 7 Jun 2015 13:29

Instrument :

BNA_F

ClientSampleId :

PB83832BS

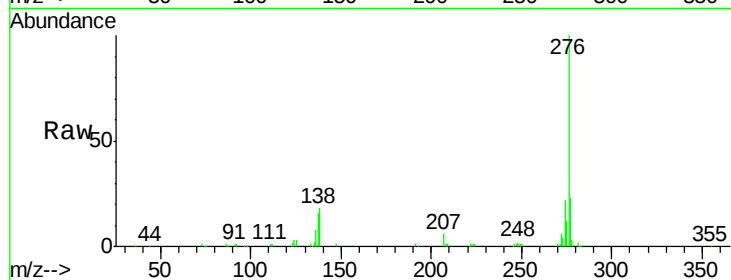
Tgt Ion:276 Resp: 275314

Ion Ratio Lower Upper

276 100

277 22.7 18.8 28.2

138 17.6 18.2 27.2#



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

