

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060715\
 Data File : BF079808.D
 Acq On : 7 Jun 2015 12:01
 Operator : TP/IZ
 Sample : G2550-02MS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FS-039MS

Quant Time: Jun 09 12:53:59 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	55522	20.00	ng	0.00
21) Naphthalene-d8	8.76	136	215664	20.00	ng	0.00
38) Acenaphthene-d10	10.55	164	106417	20.00	ng	0.00
63) Phenanthrene-d10	12.06	188	208684	20.00	ng	0.00
75) Chrysene-d12	14.99	240	217794	20.00	ng	0.01
86) Perylene-d12	16.93	264	203033	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	6.09	112	429974	129.80	ng	0.00
7) Phenol-d6	7.07	99	560487	131.00	ng	0.00
23) Nitrobenzene-d5	8.03	82	304577	86.70	ng	0.00
41) 2,4,6-Tribromophenol	11.34	330	136865	134.47	ng	0.00
44) 2-Fluorobiphenyl	9.84	172	648613	82.57	ng	0.00
78) Terphenyl-d14	13.73	244	750402	78.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	53801	36.70	ng	97
3) Pyridine	4.25	79	172493	42.07	ng	95
4) n-Nitrosodimethylamine	4.17	42	79483	44.67	ng	92
6) Aniline	7.13	93	111771	18.00	ng	98
8) 2-Chlorophenol	7.26	128	149460	41.68	ng	99
9) Benzaldehyde	7.02	77	8843	3.19	ng	96
10) Phenol	7.08	94	197274	42.36	ng	95
11) bis(2-Chloroethyl)ether	7.19	93	146840	40.66	ng	97
12) 1,3-Dichlorobenzene	7.42	146	157518	35.09	ng	99
13) 1,4-Dichlorobenzene	7.50	146	171945	36.10	ng	99
14) 1,2-Dichlorobenzene	7.66	146	154825	34.79	ng	99
15) Benzyl Alcohol	7.60	79	124030	35.08	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.74	45	220730	40.41	ng	100
17) 2-Methylphenol	7.70	107	122088	36.51	ng	98
18) Hexachloroethane	8.00	117	53571	38.71	ng	99
19) n-Nitroso-di-n-propylamine	7.86	70	115033	38.75	ng	97
20) 3+4-Methylphenols	7.85	107	164137	38.51	ng	98
22) Acetophenone	7.87	105	228778	44.47	ng	# 98
24) Nitrobenzene	8.04	77	138672	39.58	ng	99
25) Isophorone	8.28	82	303215	42.29	ng	100
26) 2-Nitrophenol	8.38	139	48846	33.10	ng	97
27) 2,4-Dimethylphenol	8.39	122	142763	42.99	ng	96
28) bis(2-Chloroethoxy)methane	8.49	93	162272	36.62	ng	# 97
29) 2,4-Dichlorophenol	8.60	162	121041	40.63	ng	97
30) 1,2,4-Trichlorobenzene	8.71	180	144118	39.84	ng	98
31) Naphthalene	8.79	128	426579m	37.70	ng	
32) Benzoic acid	8.40	122	5350m	8.45	ng	
33) 4-Chloroaniline	8.82	127	87317m	15.19	ng	
34) Hexachlorobutadiene	8.91	225	80063	36.38	ng	96
35) Caprolactam	9.15	113	34930	38.50	ng	# 86
36) 4-Chloro-3-methylphenol	9.29	107	129168	38.80	ng	93
37) 2-Methylnaphthalene	9.48	142	313003	43.52	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.66	216	149338	45.06	ng	98
40) Hexachlorocyclopentadiene	9.64	237	139435	97.85	ng	98

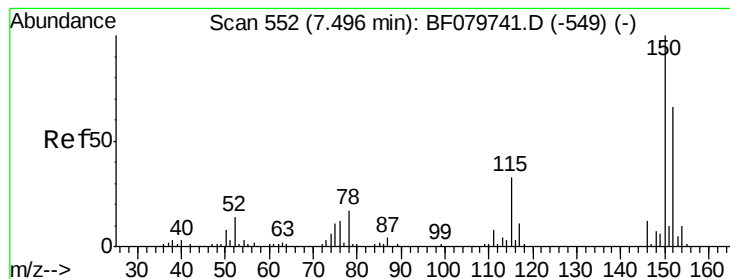
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060715\
 Data File : BF079808.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.76	196	89398	40.56	ng	98
43) 2,4,5-Trichlorophenol	9.79	196	98957	42.67	ng	96
45) 1,1'-Biphenyl	9.95	154	353336	38.17	ng	100
46) 2-Chloronaphthalene	9.98	162	277103	36.66	ng	99
47) 2-Nitroaniline	10.06	65	58002	36.58	ng	98
48) Acenaphthylene	10.40	152	447022	35.77	ng	99
49) Dimethylphthalate	10.23	163	403010	49.17	ng	100
50) 2,6-Dinitrotoluene	10.30	165	58698	44.05	ng	98
51) Acenaphthene	10.58	154	260741	36.84	ng	99
52) 3-Nitroaniline	10.47	138	46174	26.67	ng	# 95
53) 2,4-Dinitrophenol	10.57	184	19193	52.54	ng	# 47
54) Dibenzofuran	10.75	168	401822	40.09	ng	97
55) 4-Nitrophenol	10.61	139	102240	79.06	ng	86
56) 2,4-Dinitrotoluene	10.71	165	76958	47.29	ng	98
57) Fluorene	11.10	166	339150	39.09	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.86	232	72028	38.37	ng	100
59) Diethylphthalate	10.94	149	345764	43.13	ng	98
60) 4-Chlorophenyl-phenylether	11.07	204	150289	38.22	ng	98
61) 4-Nitroaniline	11.09	138	64625	38.97	ng	95
62) Azobenzene	11.23	77	302190	37.30	ng	99
64) 4,6-Dinitro-2-methylphenol	11.12	198	20229	40.31	ng	94
65) n-Nitrosodiphenylamine	11.19	169	272484	39.09	ng	99
66) 4-Bromophenyl-phenylether	11.58	248	97307	43.06	ng	# 88
67) Hexachlorobenzene	11.66	284	102704	40.41	ng	# 75
68) Atrazine	11.70	200	82345	39.31	ng	92
69) Pentachlorophenol	11.85	266	90047	70.89	ng	97
70) Phenanthrene	12.08	178	502125	41.10	ng	98
71) Anthracene	12.13	178	483543	40.13	ng	99
72) Carbazole	12.27	167	436011	38.08	ng	98
73) Di-n-butylphthalate	12.59	149	500441	38.55	ng	# 83
74) Fluoranthene	13.34	202	519867	38.86	ng	96
76) Benzidine	13.44	184	178511	25.97	ng	98
77) Pyrene	13.59	202	529574	39.66	ng	98
79) Butylbenzylphthalate	14.26	149	209112	39.28	ng	97
80) Benzo(a)anthracene	14.98	228	490421	36.78	ng	99
81) 3,3'-Dichlorobenzidine	14.93	252	97469	21.52	ng	98
82) Chrysene	15.03	228	475972	38.62	ng	99
83) Bis(2-ethylhexyl)phthalate	14.95	149	311966	37.09	ng	# 97
84) Di-n-octyl phthalate	15.74	149	523160	35.32	ng	97
85) Indeno(1,2,3-cd)pyrene	18.90	276	482504	33.82	ng	100
87) Benzo(b)fluoranthene	16.35	252	492388	39.04	ng	99
88) Benzo(k)fluoranthene	16.39	252	425569	35.18	ng	99
89) Benzo(a)pyrene	16.85	252	443249	38.07	ng	100
90) Dibenzo(a,h)anthracene	18.94	278	397579	35.38	ng	99
91) Benzo(g,h,i)perylene	19.51	276	414110	35.65	ng	99

(#) = 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

Lab File: BF079808.D

Acq: 7 Jun 2015 12:01

Instrument :

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ClientSampleId :

FS-039MS

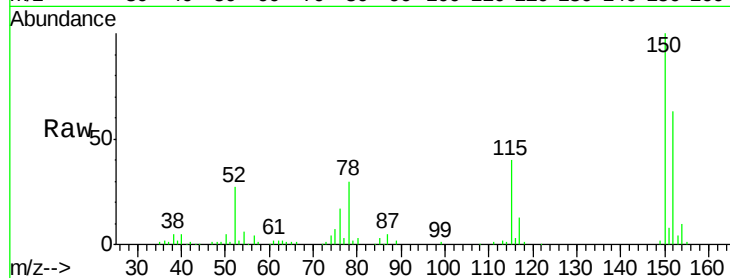
Tgt Ion:152 Resp: 55522

Ion Ratio Lower Upper

152 100

150 158.6 128.1 192.1

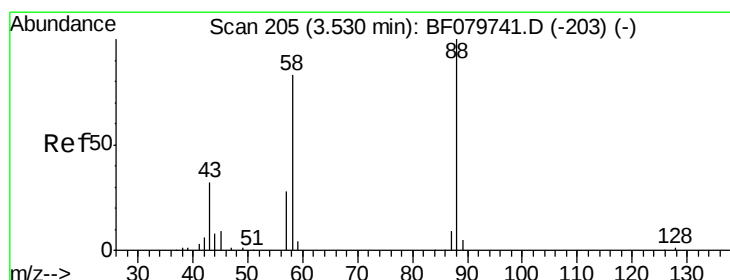
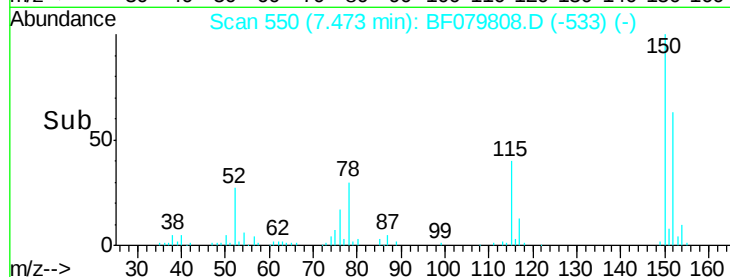
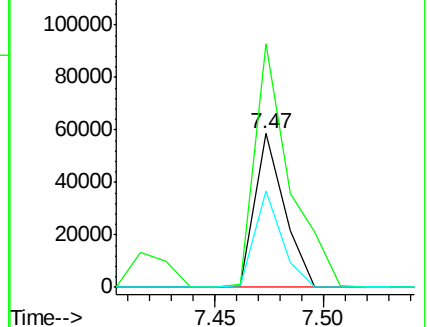
115 62.9 49.7 74.5



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: 36.70 ng

RT: 3.52 min Scan# 204

Delta R.T. 0.00 min

Lab File: BF079808.D

Acq: 7 Jun 2015 12:01

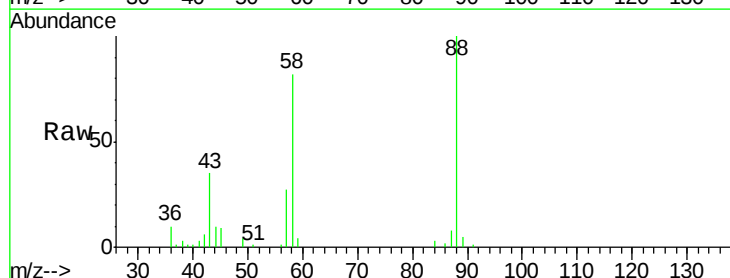
Tgt Ion: 88 Resp: 53801

Ion Ratio Lower Upper

88 100

58 83.4 64.2 96.4

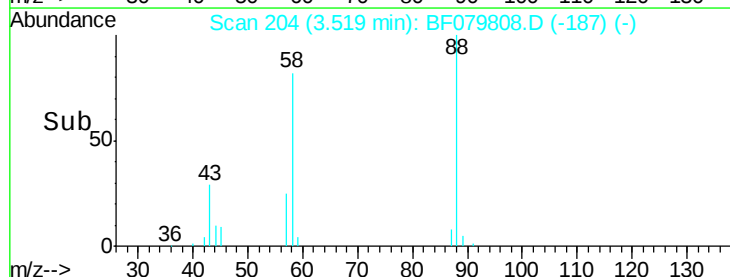
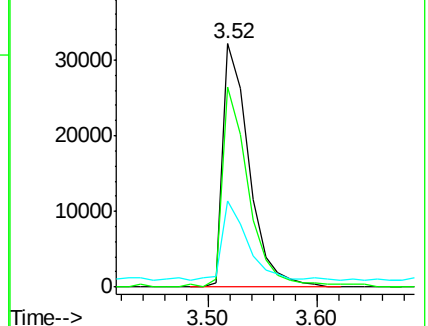
43 32.3 25.1 37.7

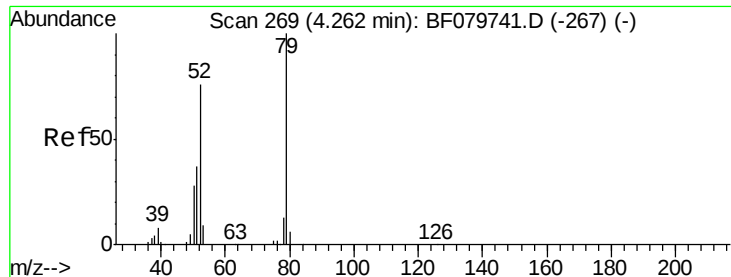


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 42.07 ng

RT: 4.25 min Scan# 268

Delta R.T. 0.00 min

Lab File: BF079808.D

Acq: 7 Jun 2015 12:01

Instrument :

BNA_F

ClientSampleId :

FS-039MS

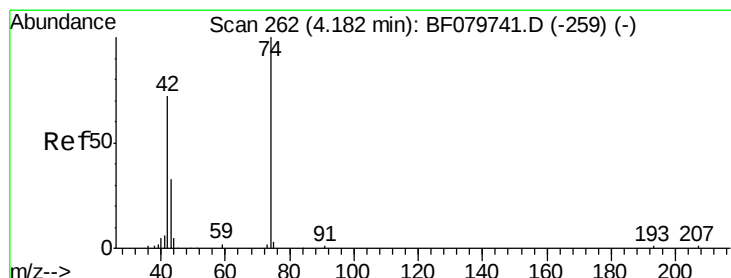
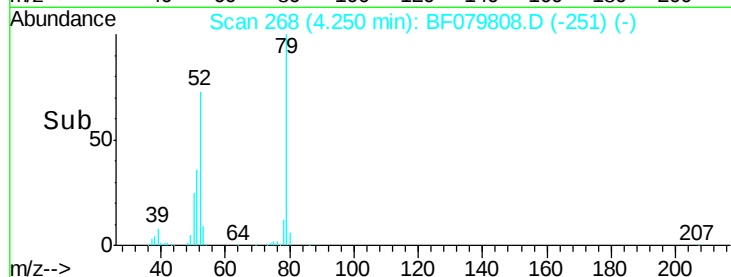
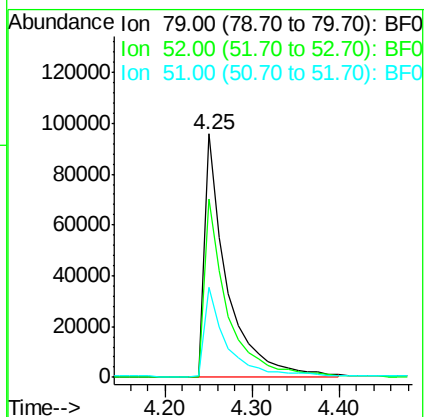
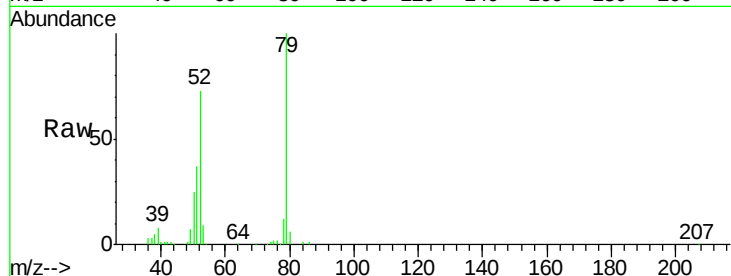
Tgt Ion: 79 Resp: 172493

Ion Ratio Lower Upper

79 100

52 73.1 63.1 94.7

51 36.7 29.3 43.9



#4

n-Nitrosodimethylamine

Concen: 44.67 ng

RT: 4.17 min Scan# 261

Delta R.T. 0.00 min

Lab File: BF079808.D

Acq: 7 Jun 2015 12:01

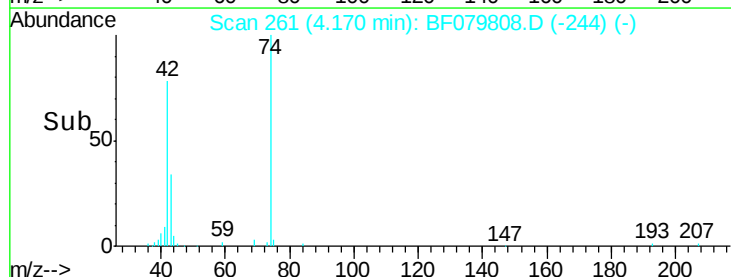
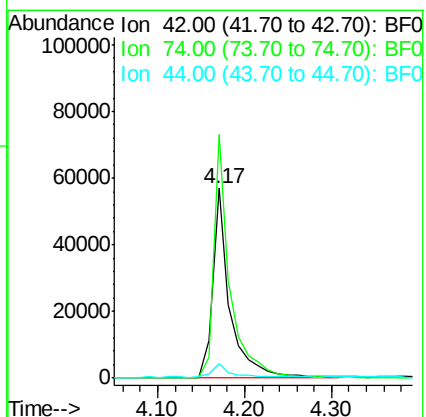
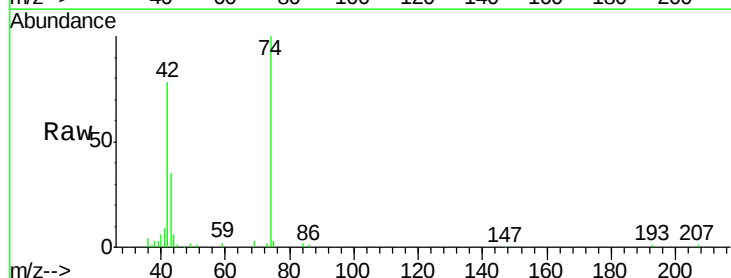
Tgt Ion: 42 Resp: 79483

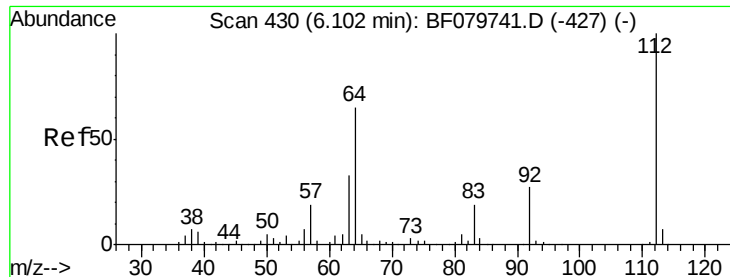
Ion Ratio Lower Upper

42 100

74 128.5 110.6 165.8

44 7.6 6.2 9.2





#5

2-Fluorophenol

Concen: 129.80 ng

RT: 6.09 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF079808.D

Acq: 7 Jun 2015 12:01

Instrument :

BNA_F

ClientSampleId :

FS-039MS

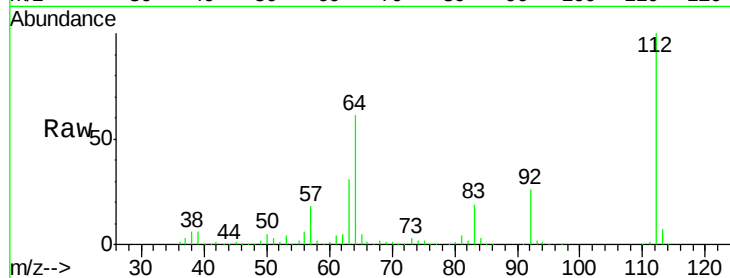
Tgt Ion: 112 Resp: 429974

Ion Ratio Lower Upper

112 100

64 61.1 49.6 74.4

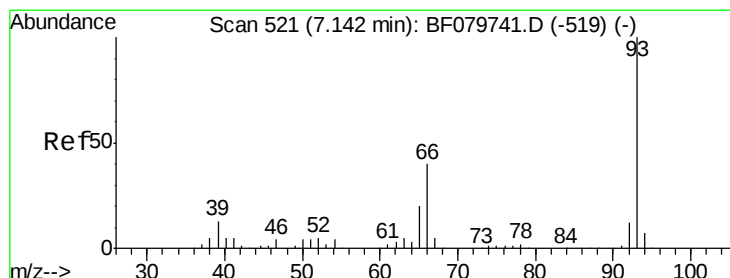
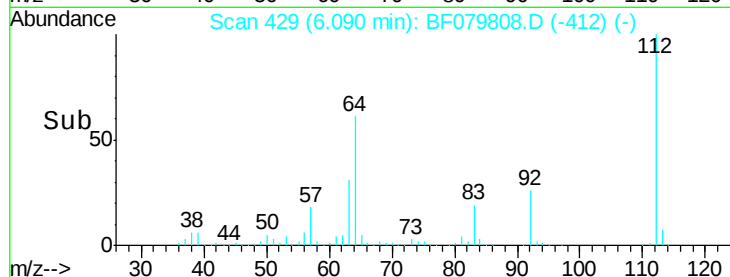
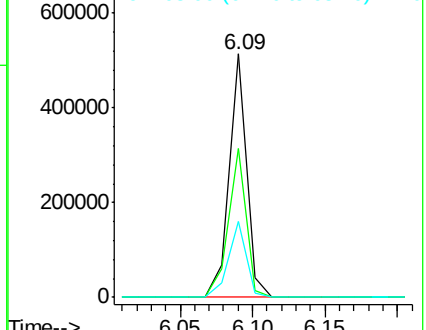
63 31.0 24.9 37.3



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: 18.00 ng

RT: 7.13 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF079808.D

Acq: 7 Jun 2015 12:01

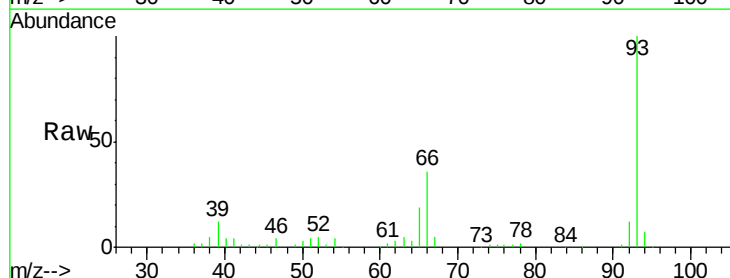
Tgt Ion: 93 Resp: 111771

Ion Ratio Lower Upper

93 100

66 36.3 30.3 45.5

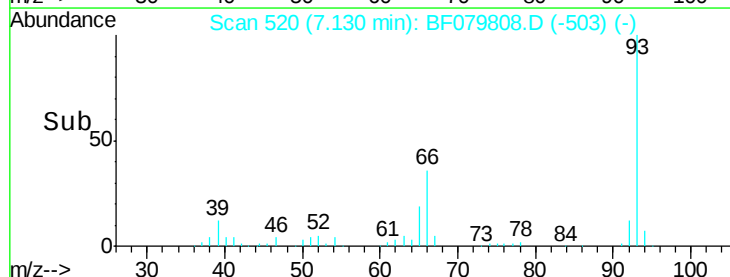
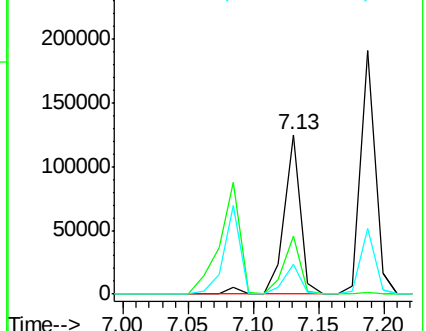
65 18.8 15.8 23.6

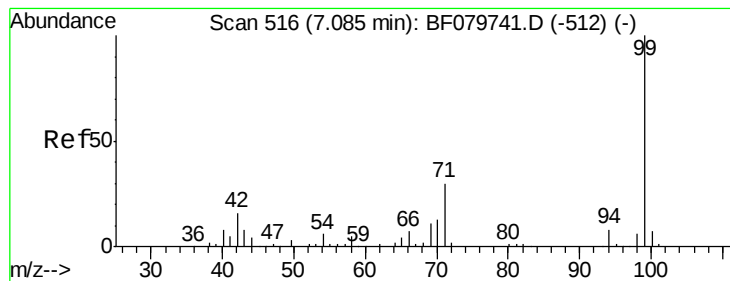


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 131.00 ng

RT: 7.07 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF079808.D

Acq: 7 Jun 2015 12:01

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FS-039MS

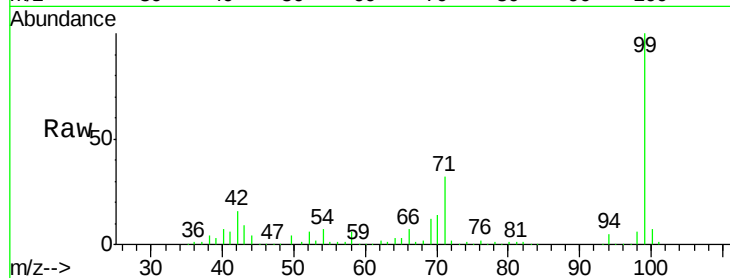
Tgt Ion: 99 Resp: 560487

Ion Ratio Lower Upper

99 100

42 16.2 18.0 27.0#

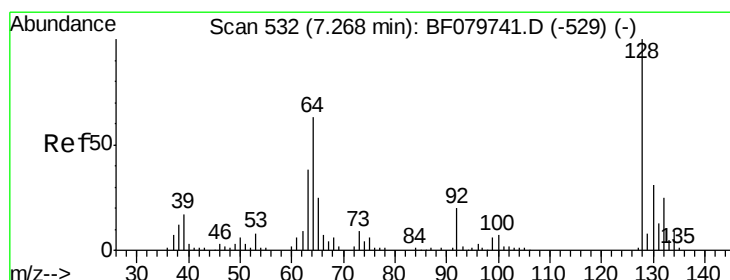
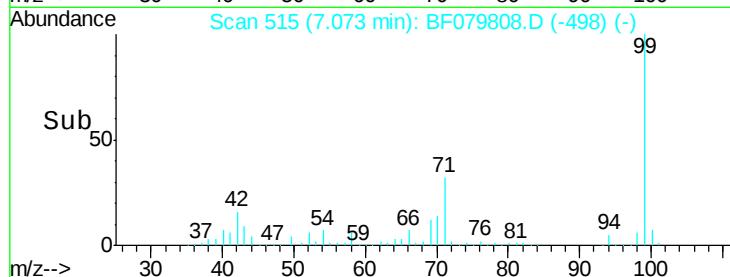
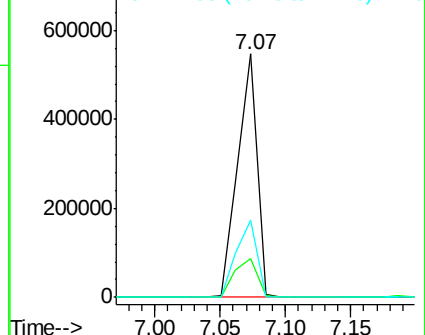
71 31.7 28.4 42.6



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: 41.68 ng

RT: 7.26 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF079808.D

Acq: 7 Jun 2015 12:01

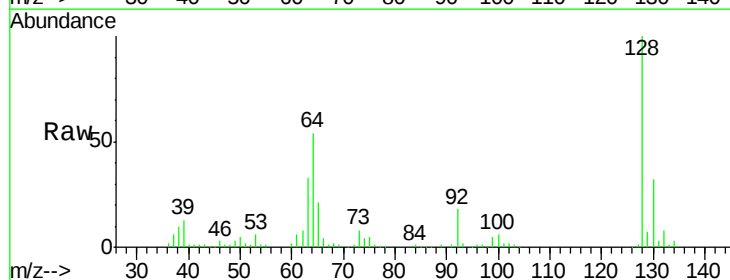
Tgt Ion: 128 Resp: 149460

Ion Ratio Lower Upper

128 100

130 31.5 12.3 52.3

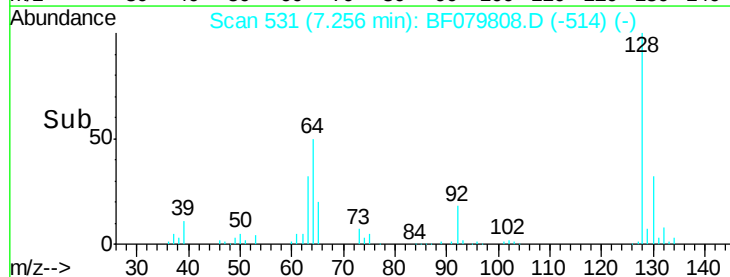
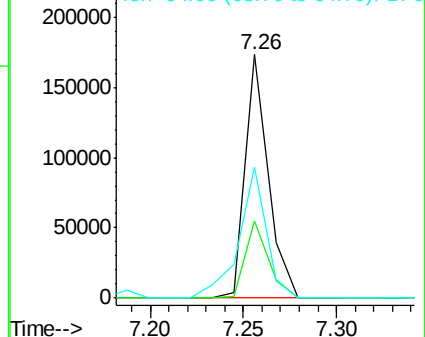
64 53.5 33.3 73.3

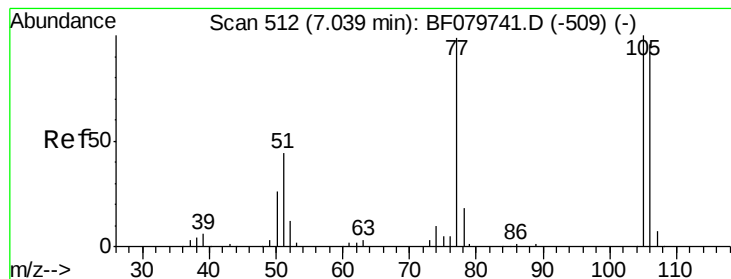


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 3.19 ng

RT: 7.02 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF079808.D

Acq: 7 Jun 2015 12:01

Instrument :

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ClientSampleId :

FS-039MS

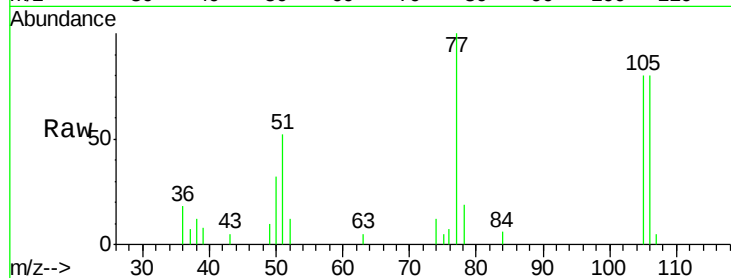
Tgt Ion: 77 Resp: 8843

Ion Ratio Lower Upper

77 100

105 80.3 66.1 106.1

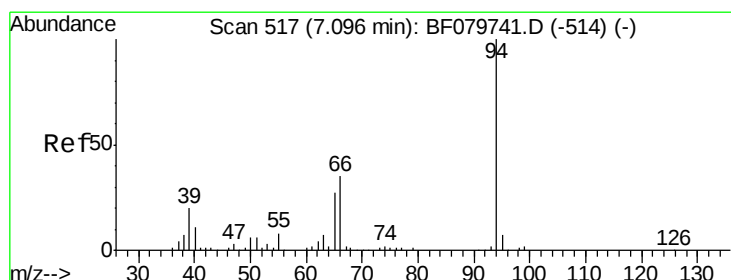
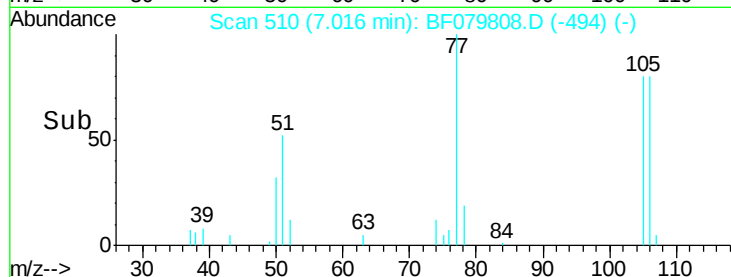
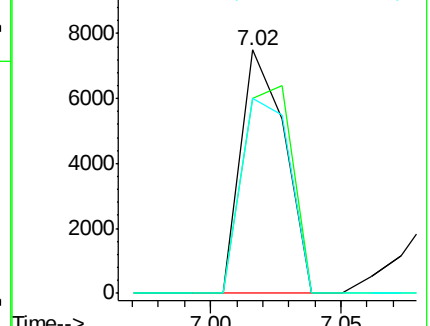
106 79.9 61.9 101.9



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: 42.36 ng

RT: 7.08 min Scan# 516

Delta R.T. 0.00 min

Lab File: BF079808.D

Acq: 7 Jun 2015 12:01

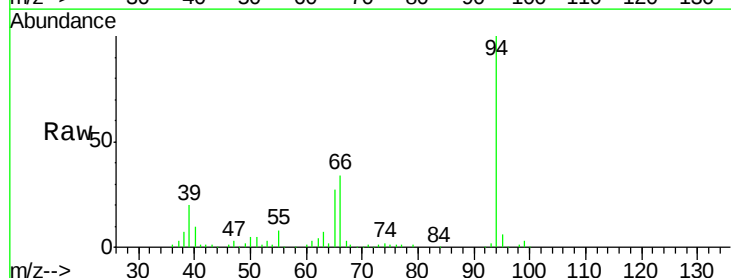
Tgt Ion: 94 Resp: 197274

Ion Ratio Lower Upper

94 100

65 27.1 5.3 45.3

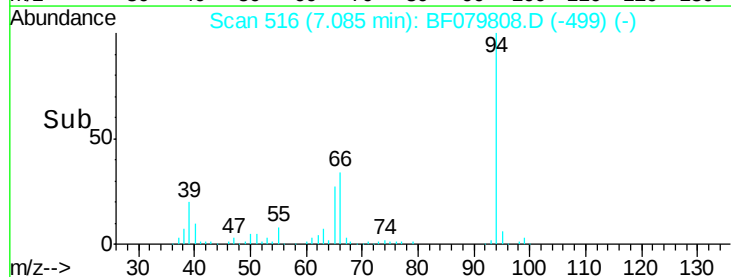
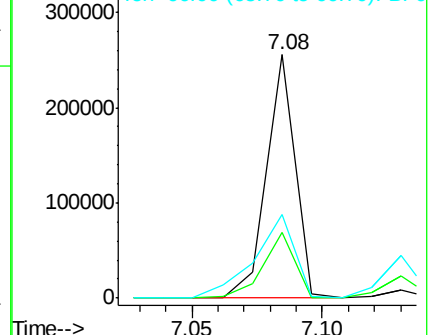
66 34.4 11.3 51.3

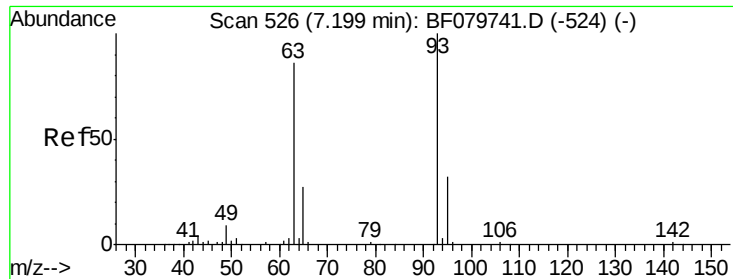


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.66 ng

RT: 7.19 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF079808.D

Acq: 7 Jun 2015 12:01

Instrument :

BNA_F

ClientSampleId :

FS-039MS

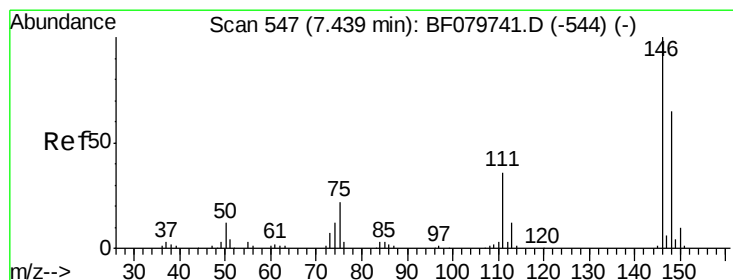
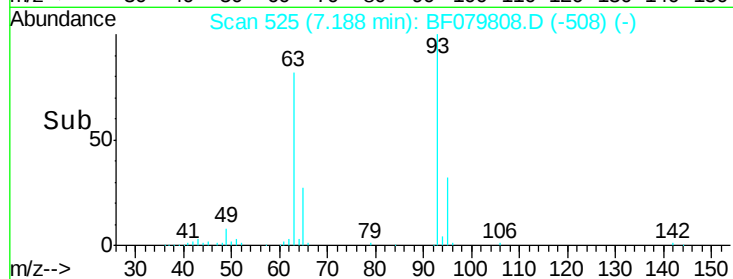
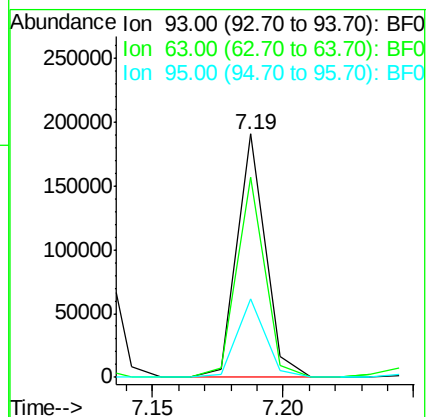
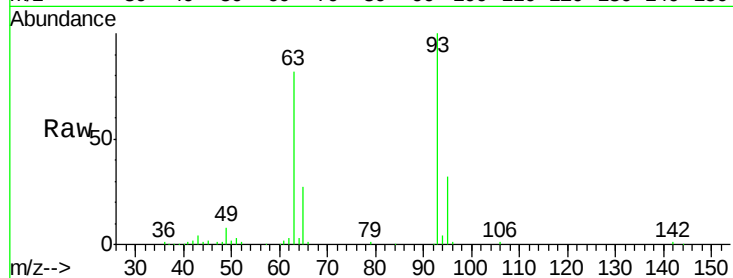
Tgt Ion: 93 Resp: 146840

Ion Ratio Lower Upper

93 100

63 82.4 58.7 98.7

95 32.2 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 35.09 ng

RT: 7.42 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF079808.D

Acq: 7 Jun 2015 12:01

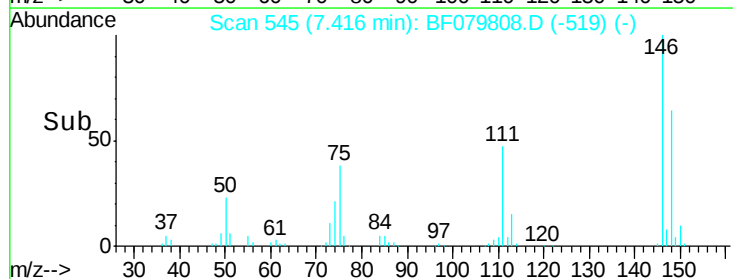
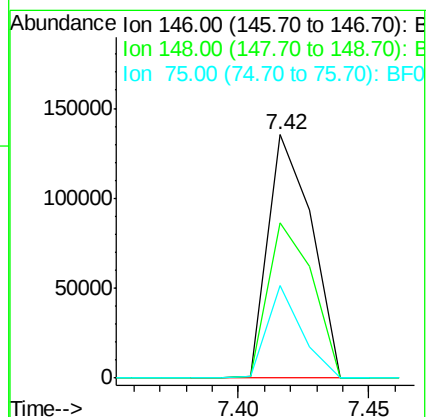
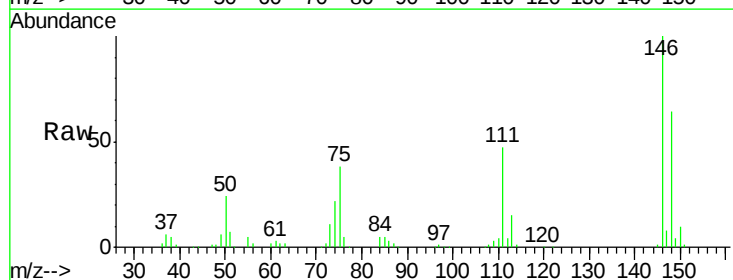
Tgt Ion: 146 Resp: 157518

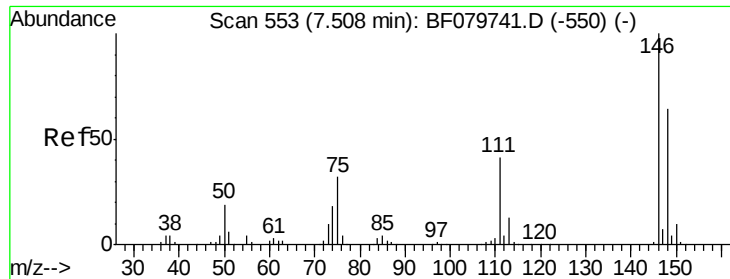
Ion Ratio Lower Upper

146 100

148 63.9 51.6 77.4

75 37.9 29.0 43.6

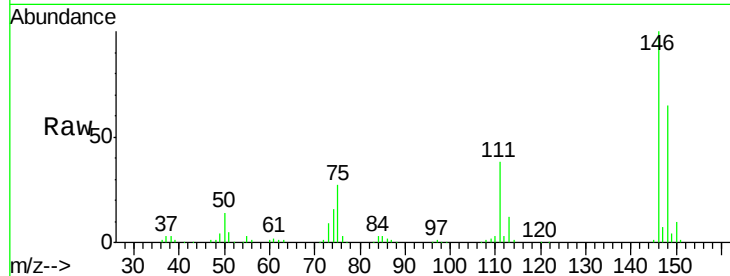




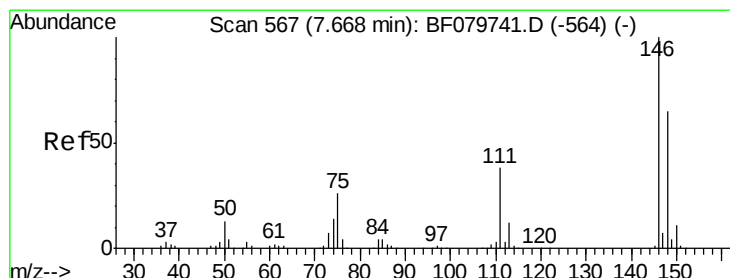
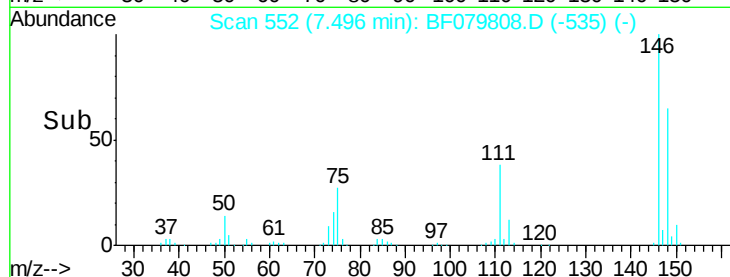
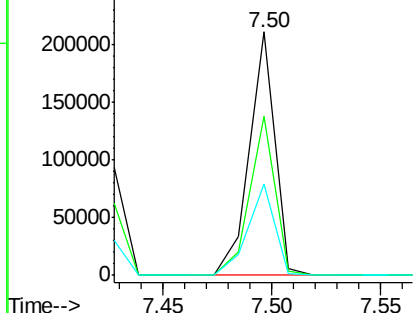
#13
 1,4-Dichlorobenzene
 Concen: 36.10 ng
 RT: 7.50 min Scan# 552
 Delta R.T. 0.00 min
 Lab File: BF079808.D
 Acq: 7 Jun 2015 12:01

Instrument :
 BNA_F
 ClientSampled :
 FS-039MS

Tgt Ion:146 Resp: 171945
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.4 77.0
 111 37.6 30.1 45.1

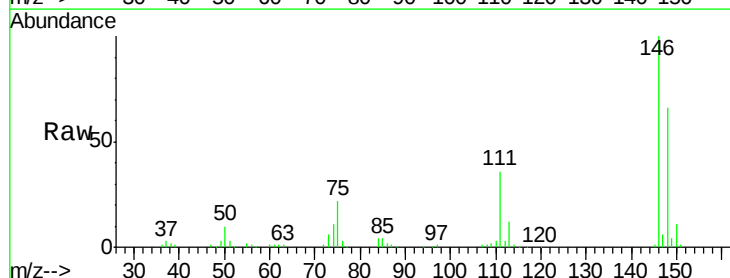


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

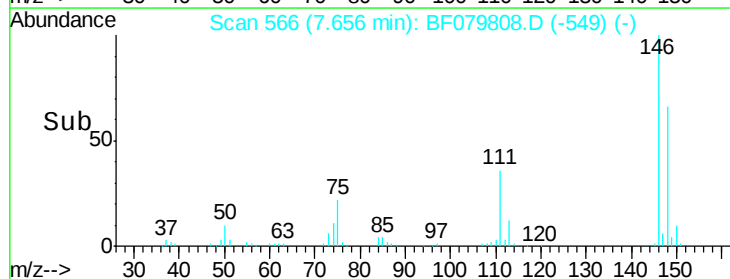
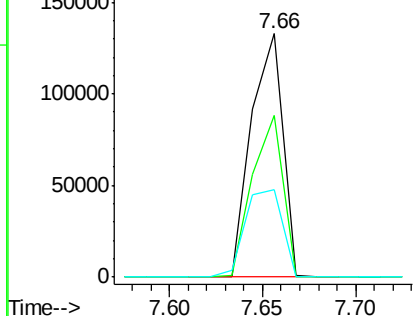


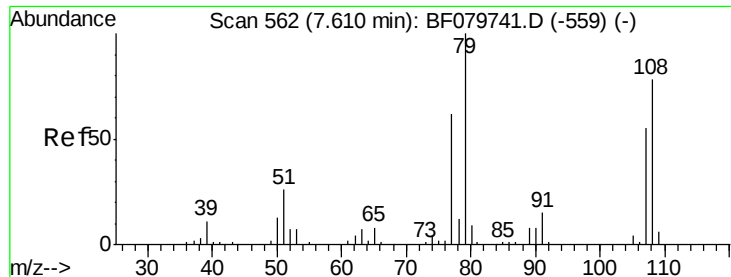
#14
 1,2-Dichlorobenzene
 Concen: 34.79 ng
 RT: 7.66 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: BF079808.D
 Acq: 7 Jun 2015 12:01

Tgt Ion:146 Resp: 154825
 Ion Ratio Lower Upper
 146 100
 148 66.4 52.2 78.4
 111 35.8 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: 35.08 ng

RT: 7.60 min Scan# 561

Delta R.T. 0.00 min

Lab File: BF079808.D

Acq: 7 Jun 2015 12:01

Instrument :

BNA_F

ClientSampleId :

FS-039MS

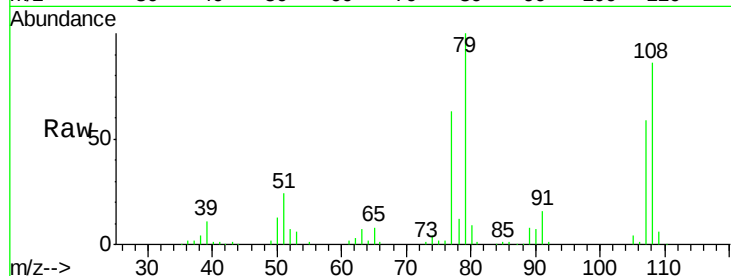
Tgt Ion: 79 Resp: 124030

Ion Ratio Lower Upper

79 100

108 86.0 68.4 102.6

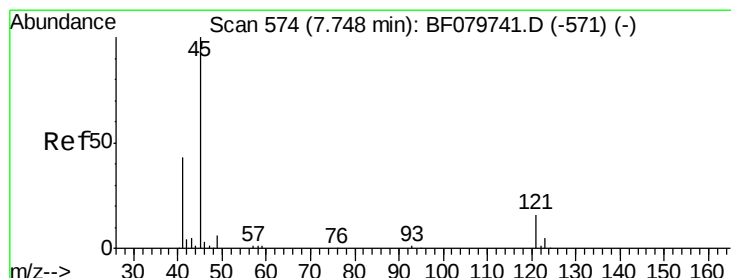
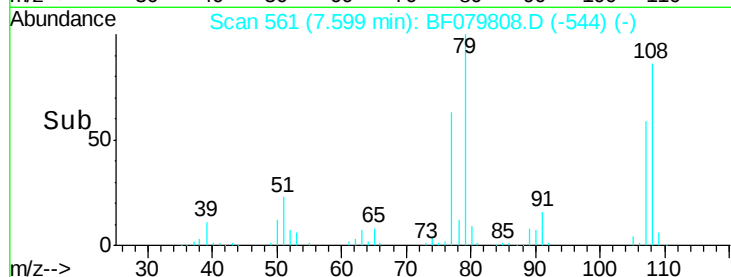
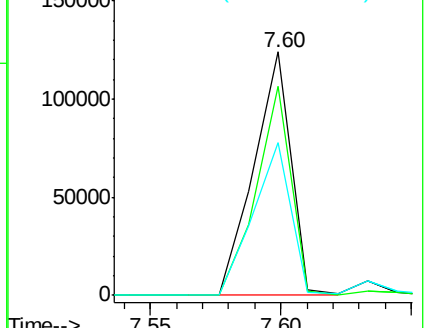
77 62.5 50.0 75.0



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: 40.41 ng

RT: 7.74 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF079808.D

Acq: 7 Jun 2015 12:01

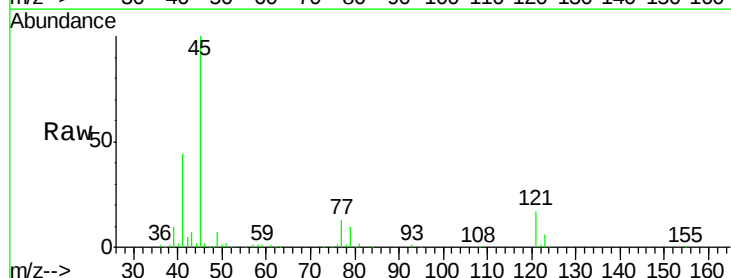
Tgt Ion: 45 Resp: 220730

Ion Ratio Lower Upper

45 100

77 12.7 0.0 32.7

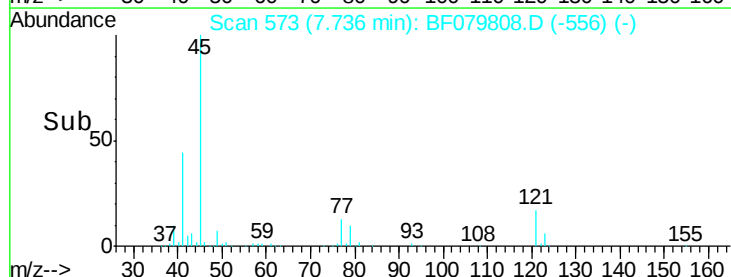
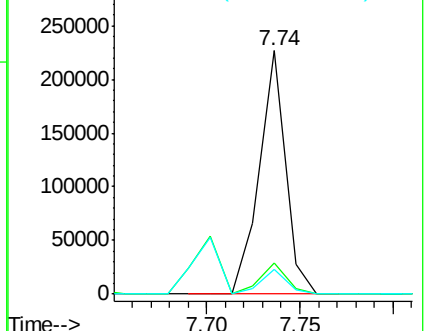
79 10.0 0.0 29.9

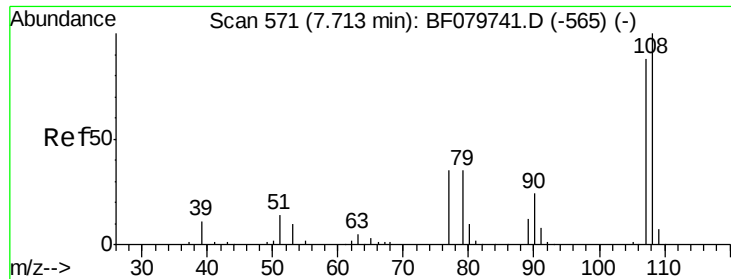


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

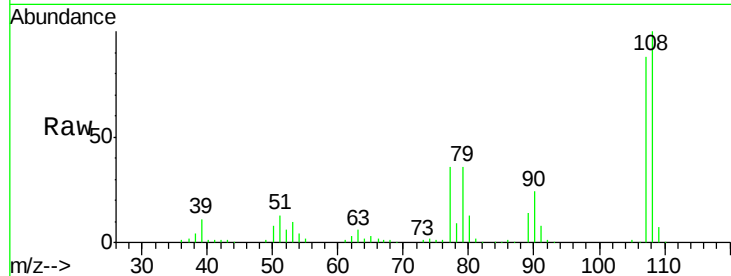




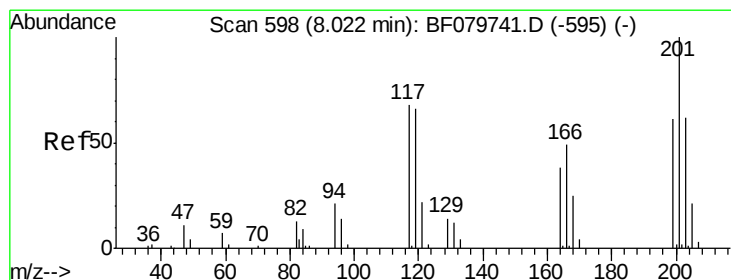
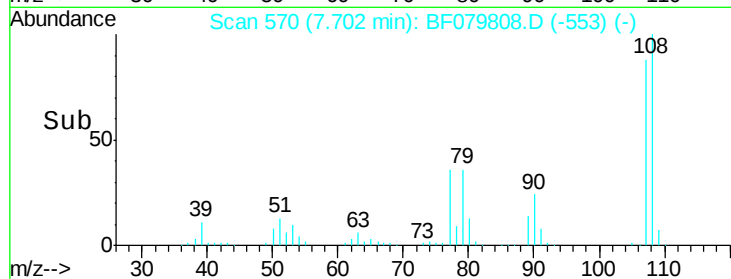
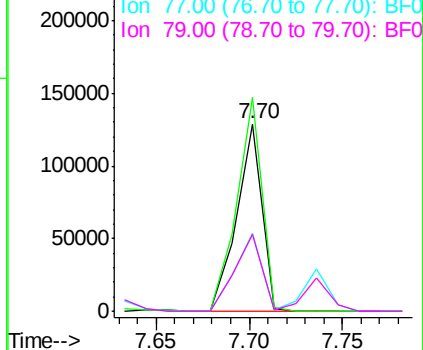
#17
2-Methylphenol
Concen: 36.51 ng
RT: 7.70 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF079808.D
Acq: 7 Jun 2015 12:01

Instrument :
BNA_F
ClientSampleId :
FS-039MS

Tgt Ion:	107	Resp:	122088
Ion	Ratio	Lower	Upper
107	100		
108	114.0	91.8	137.8
77	41.6	31.4	47.2
79	40.9	31.3	46.9

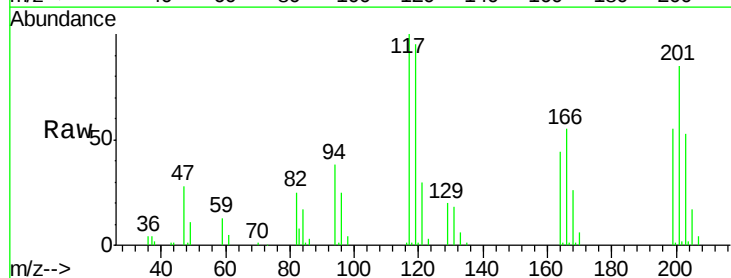


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

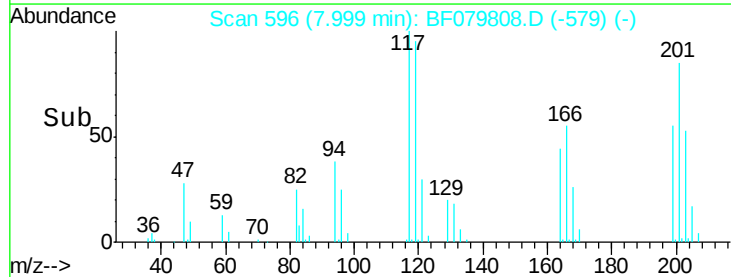
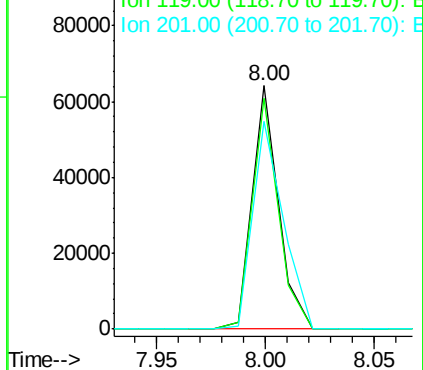


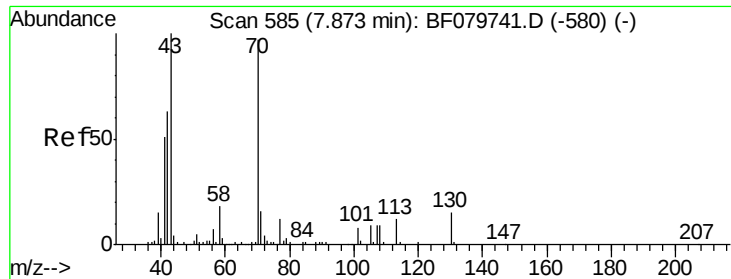
#18
Hexachloroethane
Concen: 38.71 ng
RT: 8.00 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF079808.D
Acq: 7 Jun 2015 12:01

Tgt Ion:	117	Resp:	53571
Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.5	113.3
201	85.2	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

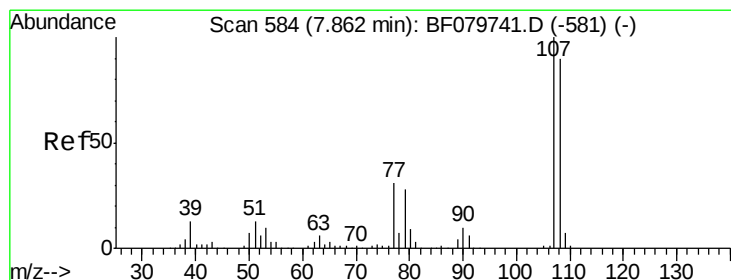
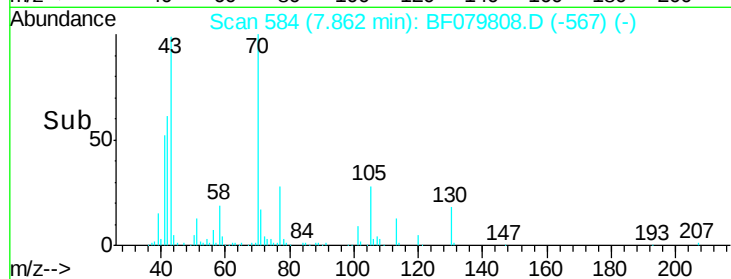
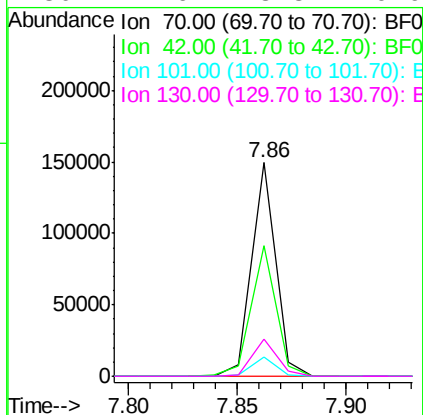
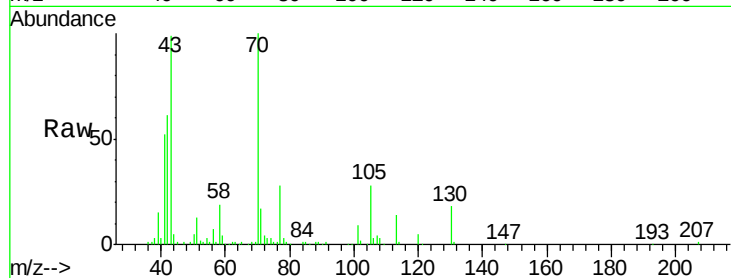




#19
n-Nitroso-di-n-propylamine
Concen: 38.75 ng
RT: 7.86 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF079808.D
Acq: 7 Jun 2015 12:01

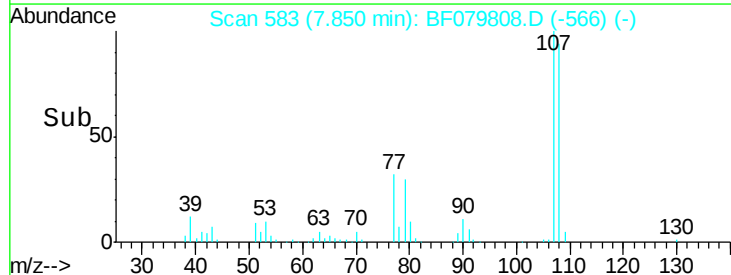
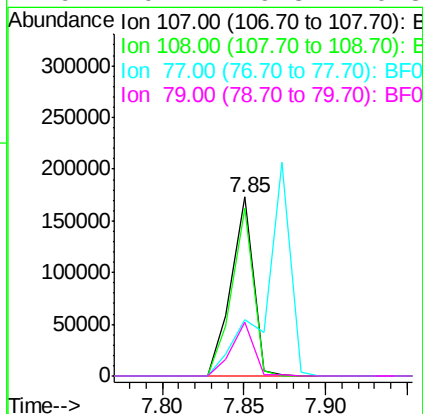
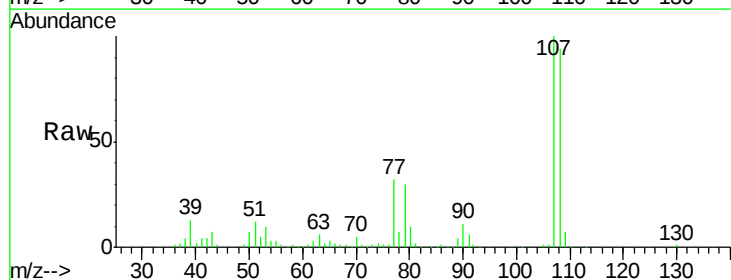
Instrument :
BNA_F
ClientSampleId :
FS-039MS

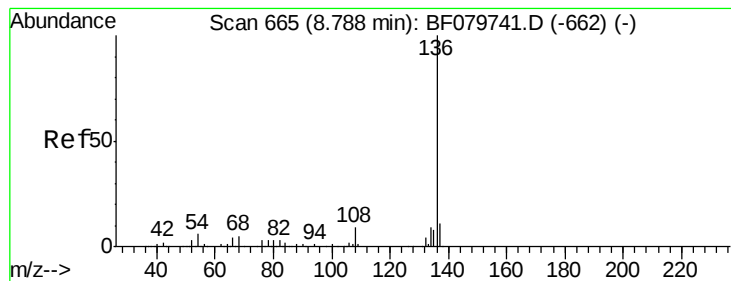
Tgt Ion:	70	Resp:	115033
Ion	Ratio	Lower	Upper
70	100		
42	61.2	51.1	76.7
101	8.9	7.0	10.6
130	17.6	13.3	19.9



#20
3+4-Methylphenols
Concen: 38.51 ng
RT: 7.85 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF079808.D
Acq: 7 Jun 2015 12:01

Tgt Ion:	107	Resp:	164137
Ion	Ratio	Lower	Upper
107	100		
108	93.7	75.2	115.2
77	31.7	10.3	50.3
79	29.7	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: BF079808.D

Acq: 7 Jun 2015 12:01

Instrument :

BNA_F

ClientSampleId :

FS-039MS

Tgt Ion:136 Resp: 215664

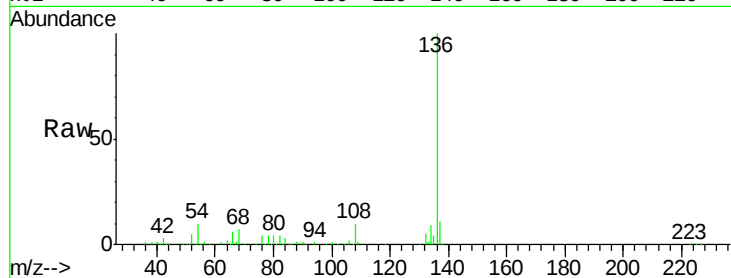
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 10.0 8.7 13.1

68 7.2 5.8 8.8

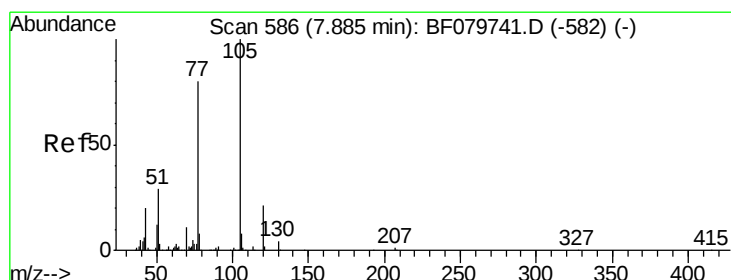
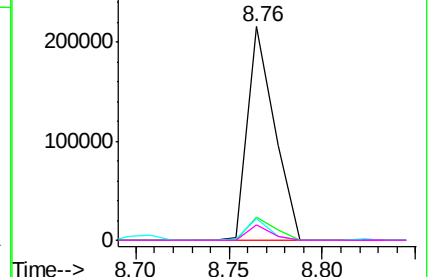
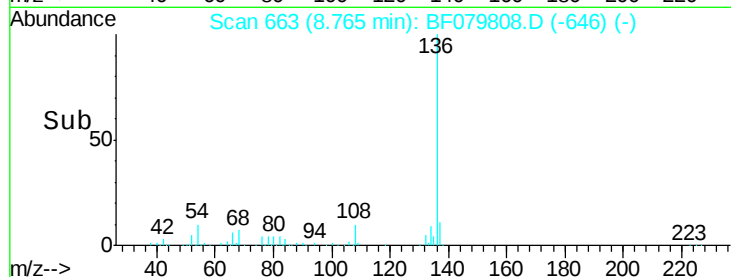


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 44.47 ng

RT: 7.87 min Scan# 585

Delta R.T. 0.00 min

Lab File: BF079808.D

Acq: 7 Jun 2015 12:01

Tgt Ion:105 Resp: 228778

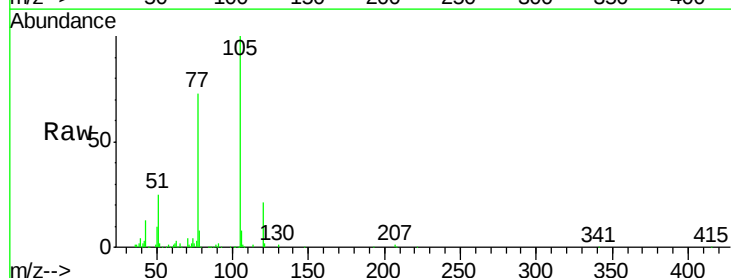
Ion Ratio Lower Upper

105 100

71 0.5 0.9 1.3#

51 25.0 21.3 31.9

120 20.9 17.1 25.7

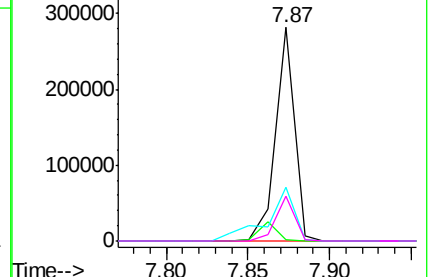
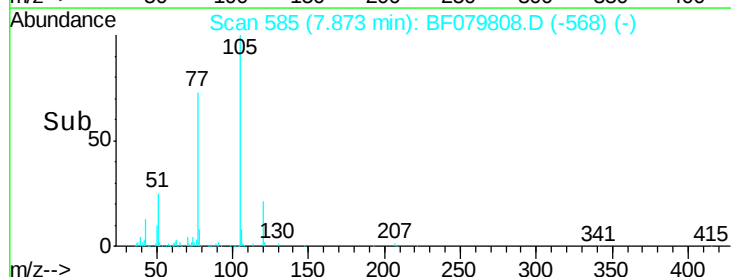


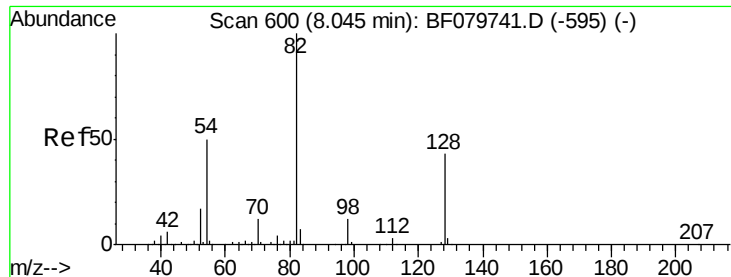
Abundance Ion 105.00 (104.70 to 105.70): E

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

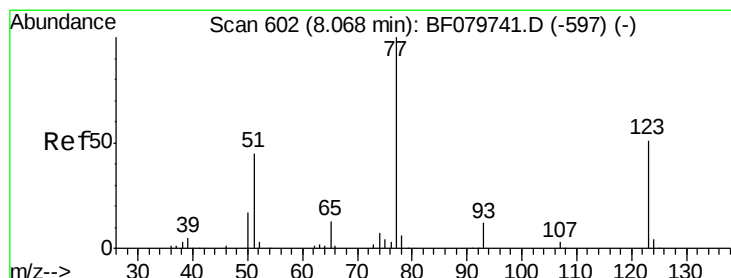
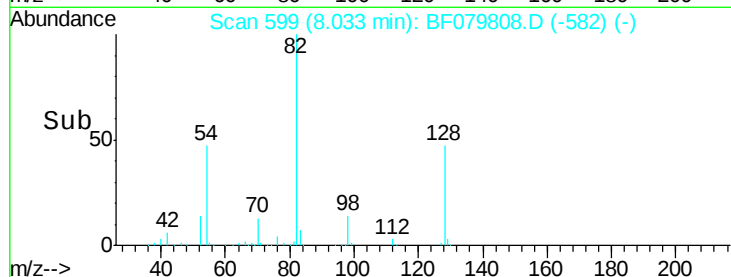
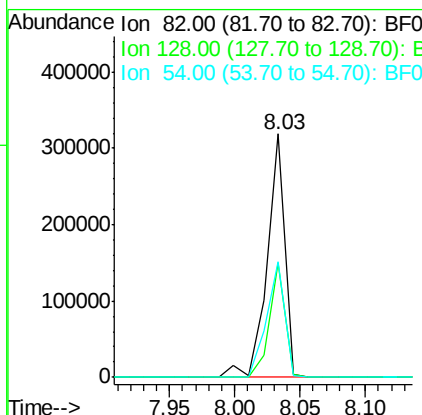
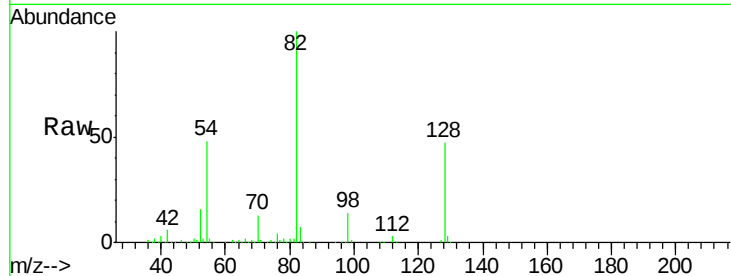




#23
Nitrobenzene-d5
Concen: 86.70 ng
RT: 8.03 min Scan# 599
Delta R.T. 0.00 min
Lab File: BF079808.D
Acq: 7 Jun 2015 12:01

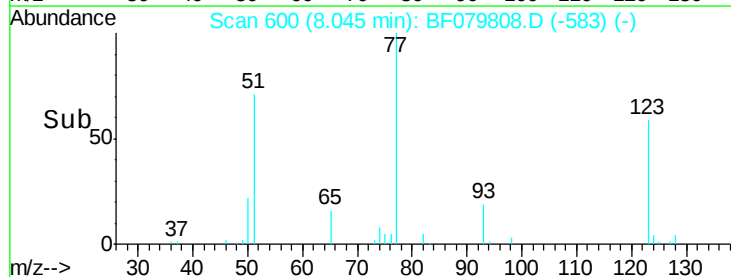
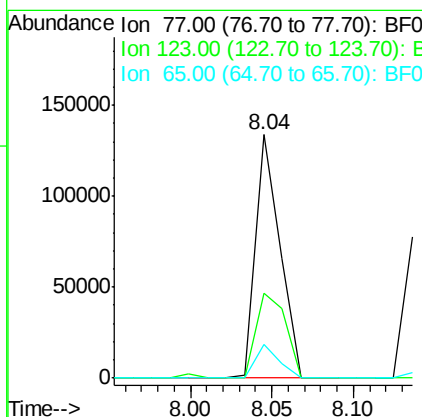
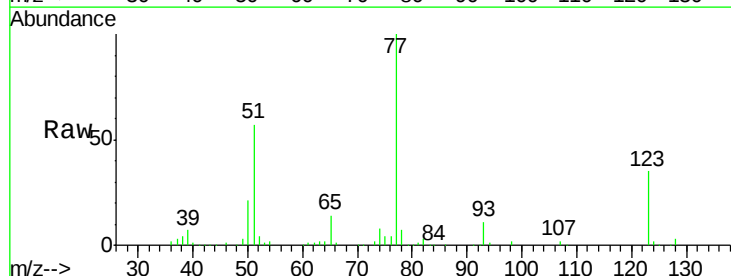
Instrument :
BNA_F
ClientSampleId :
FS-039MS

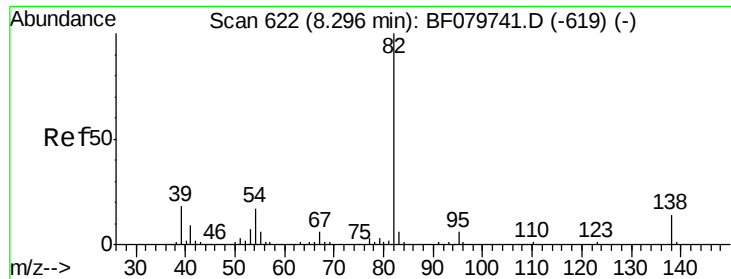
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.7	37.6	56.4
54	47.6	39.4	59.2



#24
Nitrobenzene
Concen: 39.58 ng
RT: 8.04 min Scan# 600
Delta R.T. 0.00 min
Lab File: BF079808.D
Acq: 7 Jun 2015 12:01

Tgt Ion	Ratio	Lower	Upper
77	100		
123	34.8	28.1	42.1
65	13.9	10.9	16.3

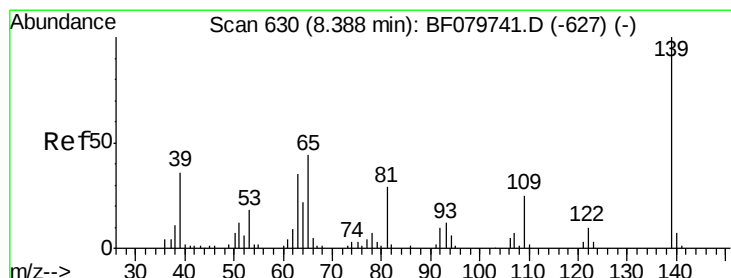
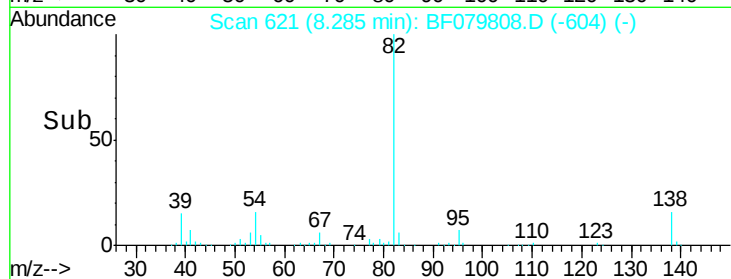
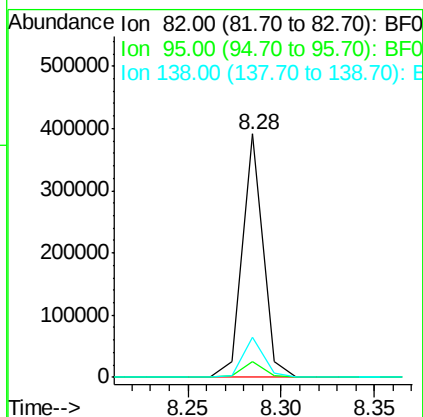
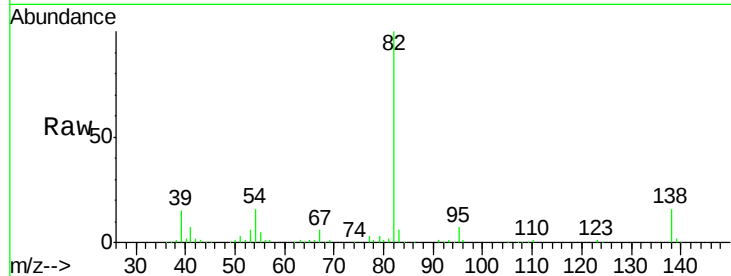




#25
Isophorone
Concen: 42.29 ng
RT: 8.28 min Scan# 621
Delta R.T. 0.00 min
Lab File: BF079808.D
Acq: 7 Jun 2015 12:01

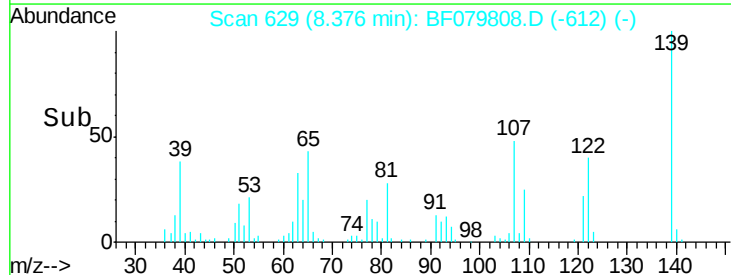
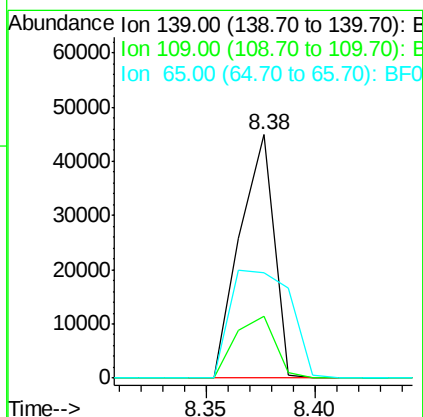
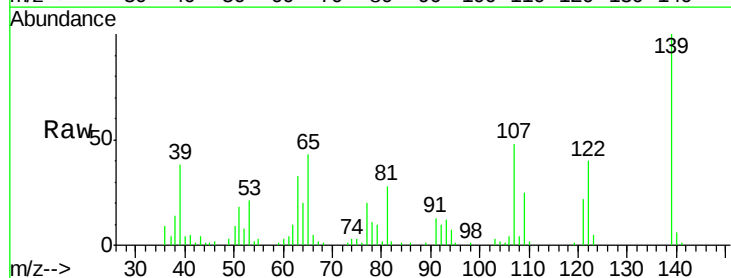
Instrument :
BNA_F
ClientSampleId :
FS-039MS

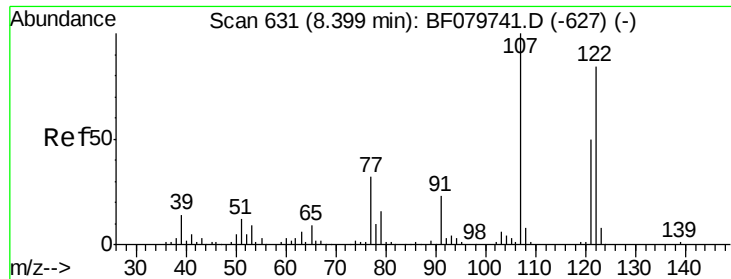
Tgt Ion: 82 Resp: 303215
Ion Ratio Lower Upper
82 100
95 6.5 5.3 7.9
138 16.5 13.0 19.4



#26
2-Nitrophenol
Concen: 33.10 ng
RT: 8.38 min Scan# 629
Delta R.T. 0.00 min
Lab File: BF079808.D
Acq: 7 Jun 2015 12:01

Tgt Ion: 139 Resp: 48846
Ion Ratio Lower Upper
139 100
109 25.3 17.5 26.3
65 43.4 34.6 52.0





#27

2,4-Dimethylphenol

Concen: 42.99 ng

RT: 8.39 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF079808.D

Acq: 7 Jun 2015 12:01

Instrument :

BNA_F

ClientSampleId :

FS-039MS

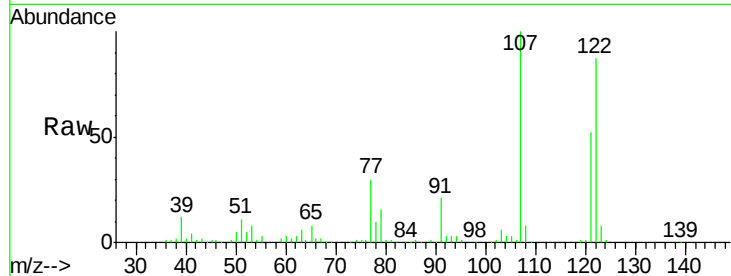
Tgt Ion:122 Resp: 142763

Ion Ratio Lower Upper

122 100

107 114.9 88.5 132.7

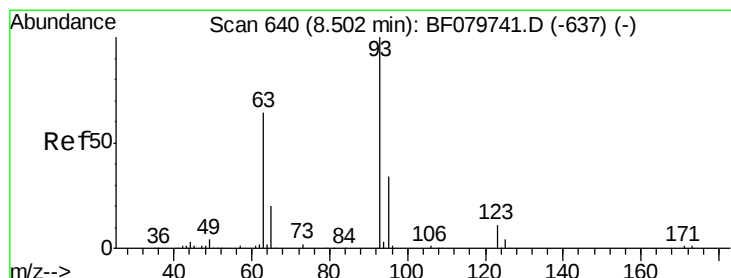
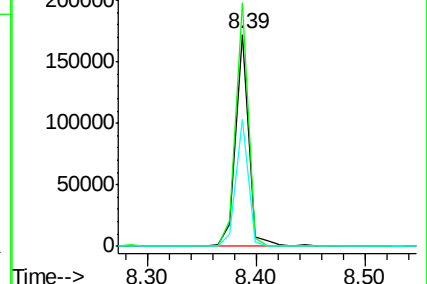
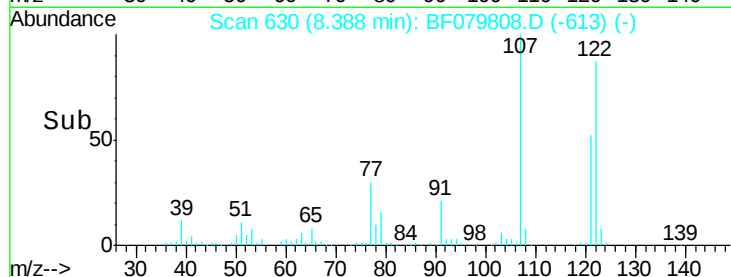
121 60.1 46.5 69.7



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: 36.62 ng

RT: 8.49 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF079808.D

Acq: 7 Jun 2015 12:01

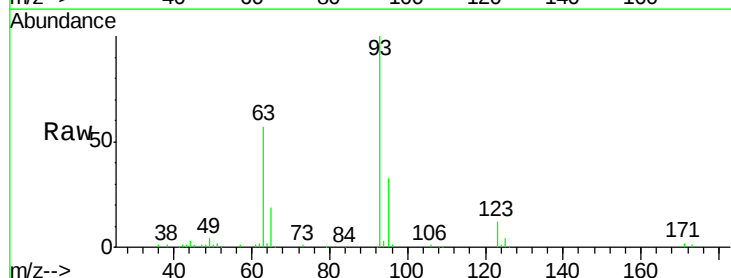
Tgt Ion: 93 Resp: 162272

Ion Ratio Lower Upper

93 100

95 33.0 25.5 38.3

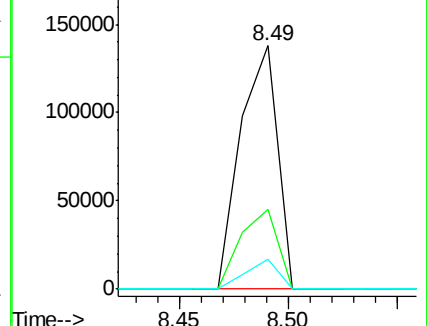
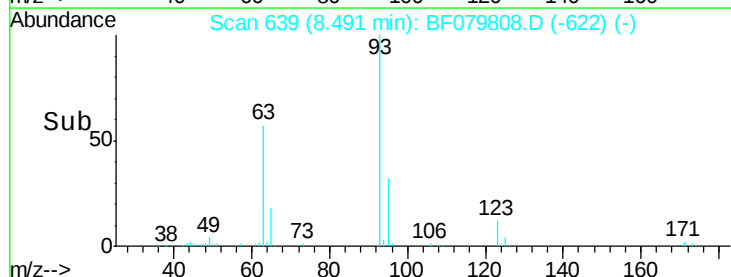
123 12.1 7.3 10.9#

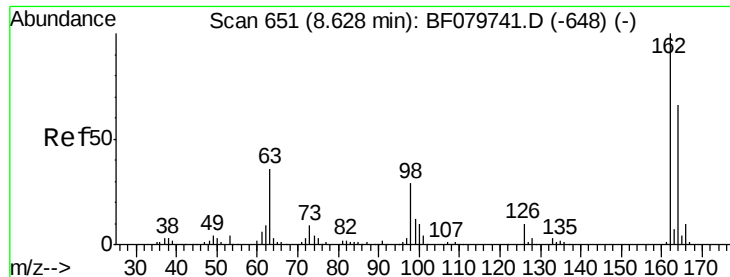


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

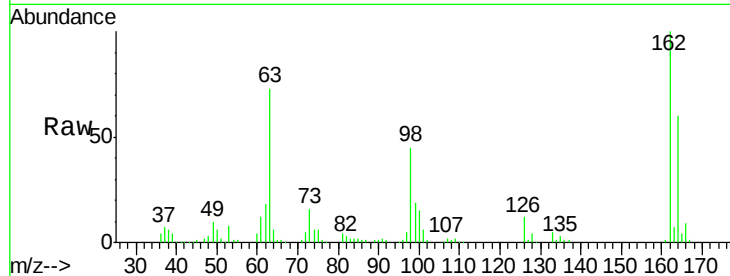




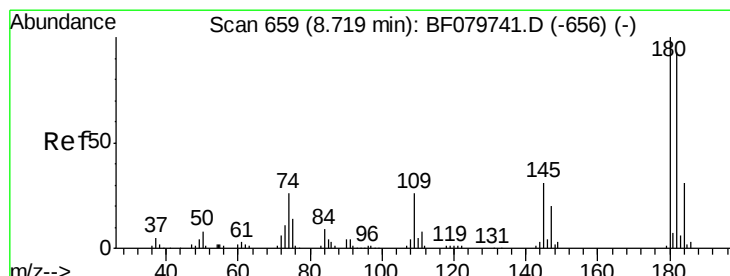
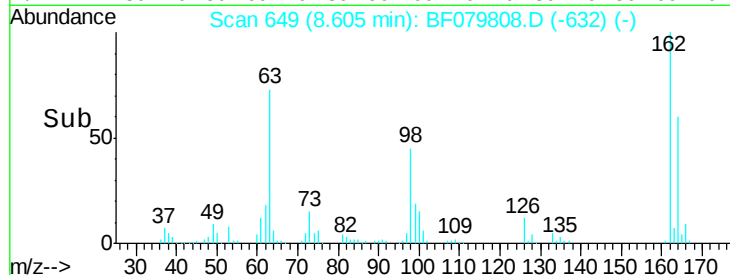
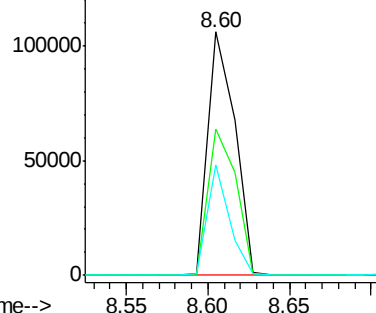
#29
 2,4-Dichlorophenol
 Concen: 40.63 ng
 RT: 8.60 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF079808.D
 Acq: 7 Jun 2015 12:01

Instrument :
 BNA_F
 ClientSampleId :
 FS-039MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	60.3	42.8	82.8
98	45.1	23.2	63.2

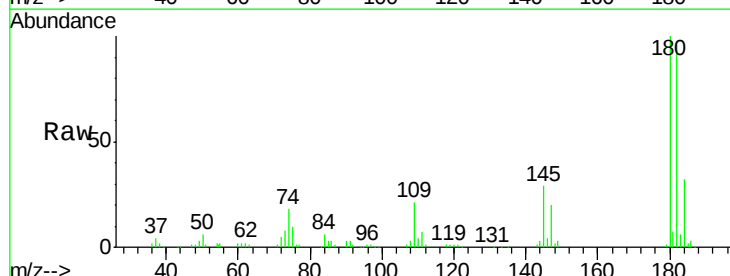


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

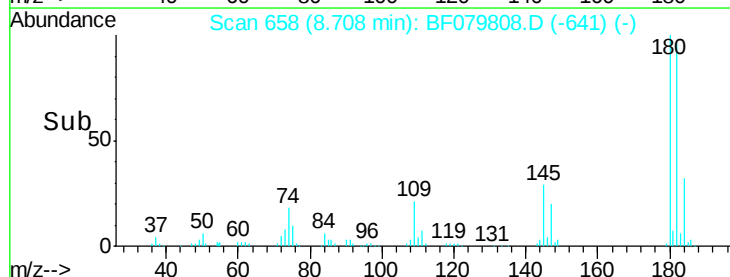
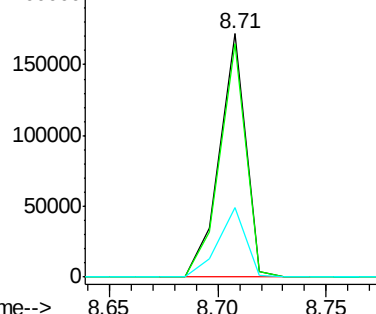


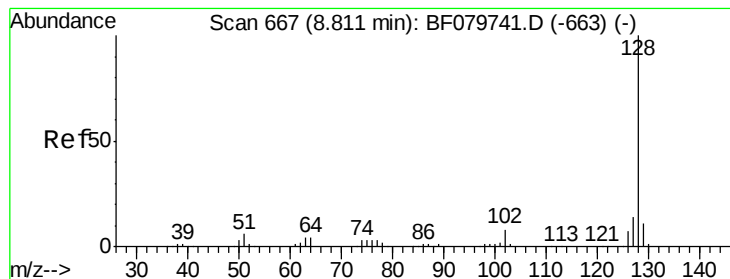
#30
 1,2,4-Trichlorobenzene
 Concen: 39.84 ng
 RT: 8.71 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: BF079808.D
 Acq: 7 Jun 2015 12:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	78.4	117.6
145	28.7	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: 37.70 ng m

RT: 8.79 min Scan# 665

Delta R.T. 0.00 min

Lab File: BF079808.D

Acq: 7 Jun 2015 12:01

Instrument :

BNA_F

ClientSampleId :

FS-039MS

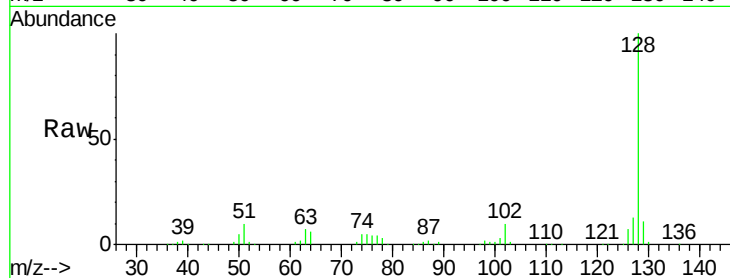
Tgt Ion:128 Resp: 426579

Ion Ratio Lower Upper

128 100

129 11.1 9.4 14.2

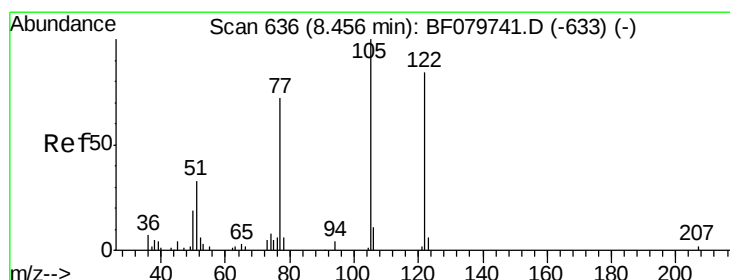
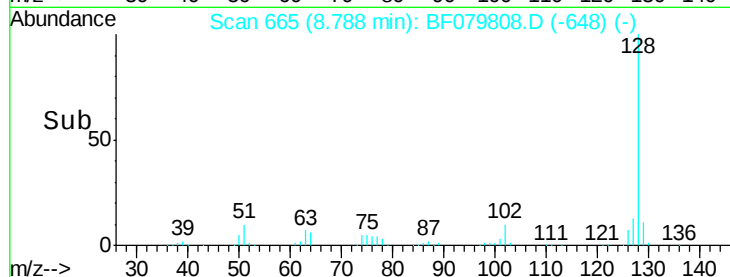
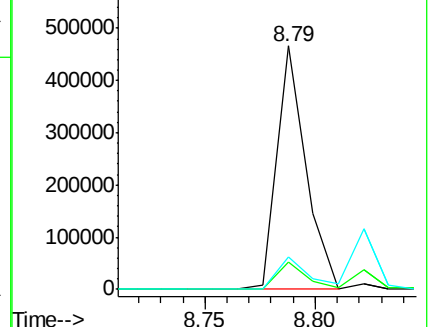
127 13.3 10.7 16.1



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: 8.45 ng m

RT: 8.40 min Scan# 631

Delta R.T. -0.05 min

Lab File: BF079808.D

Acq: 7 Jun 2015 12:01

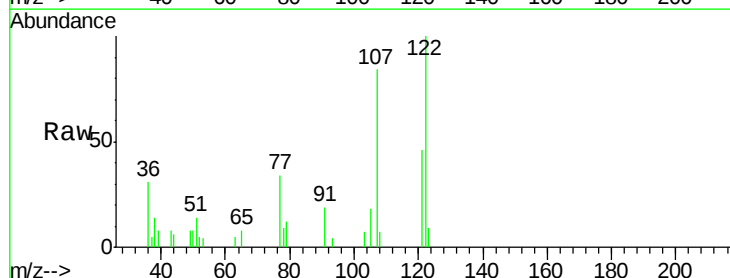
Tgt Ion:122 Resp: 5350

Ion Ratio Lower Upper

122 100

105 18.1 106.7 146.7#

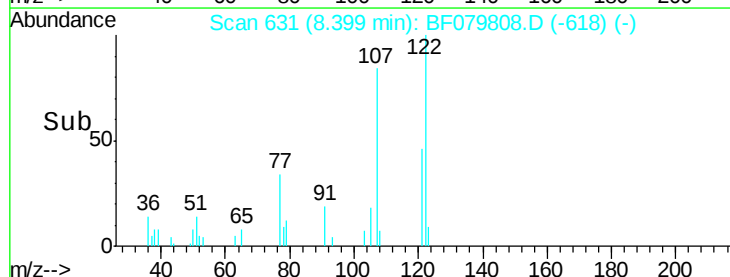
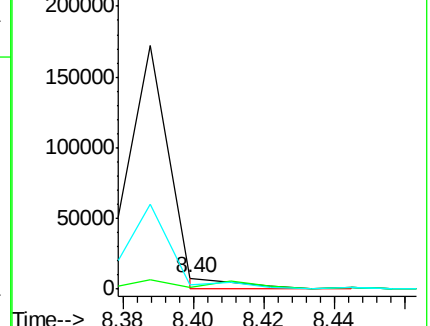
77 34.3 68.9 108.9#

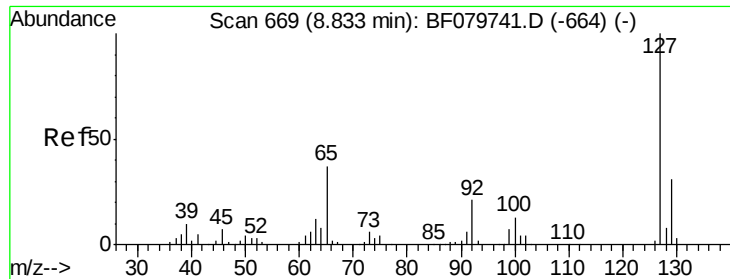


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

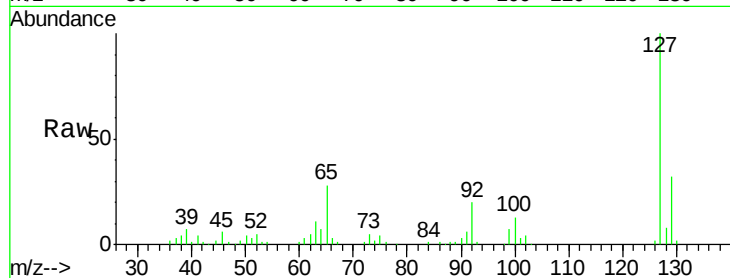




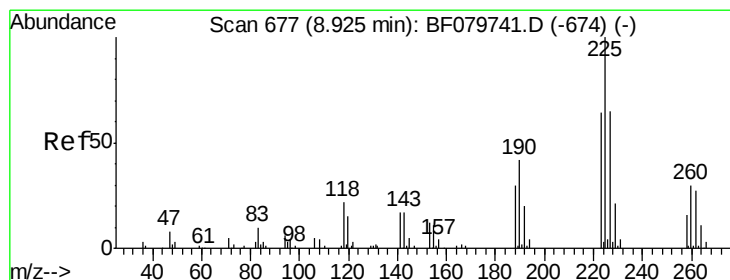
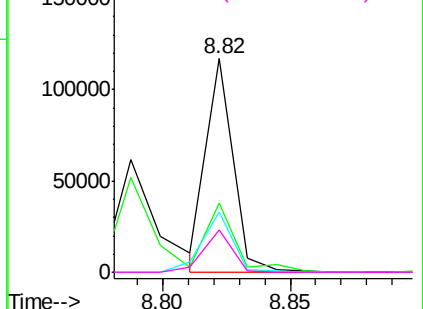
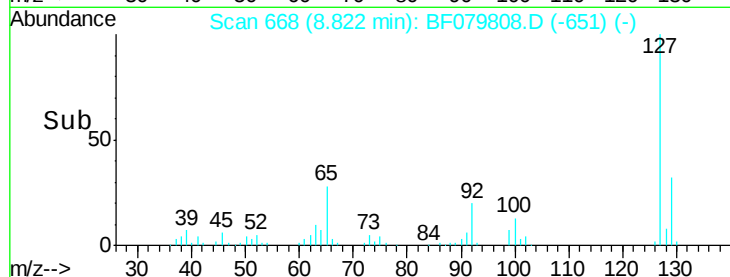
#33
4-Chloroaniline
Concen: 15.19 ng m
RT: 8.82 min Scan# 668
Delta R.T. 0.00 min
Lab File: BF079808.D
Acq: 7 Jun 2015 12:01

Instrument :
BNA_F
ClientSampleId :
FS-039MS

Tgt Ion:127 Resp: 87317
Ion Ratio Lower Upper
127 100
129 32.4 26.8 40.2
65 28.4 22.9 34.3
92 19.7 15.2 22.8

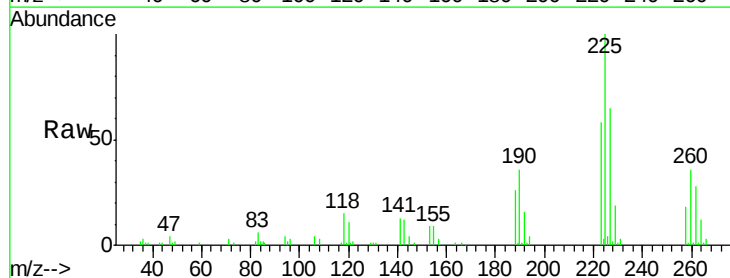


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

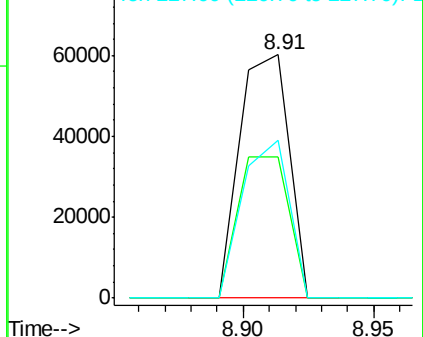
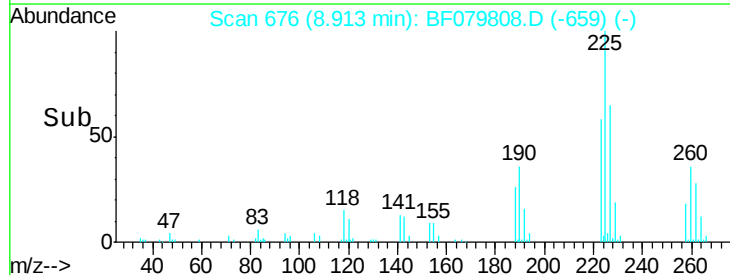


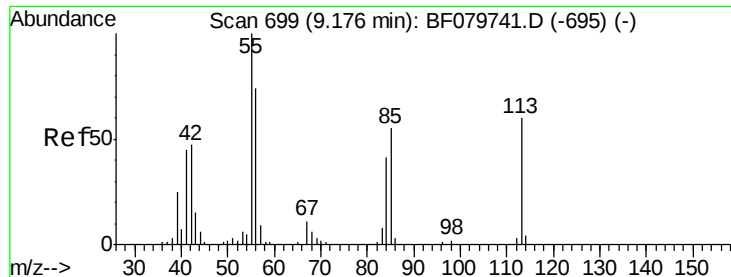
#34
Hexachlorobutadiene
Concen: 36.38 ng
RT: 8.91 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF079808.D
Acq: 7 Jun 2015 12:01

Tgt Ion:225 Resp: 80063
Ion Ratio Lower Upper
225 100
223 58.2 51.9 77.9
227 64.7 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

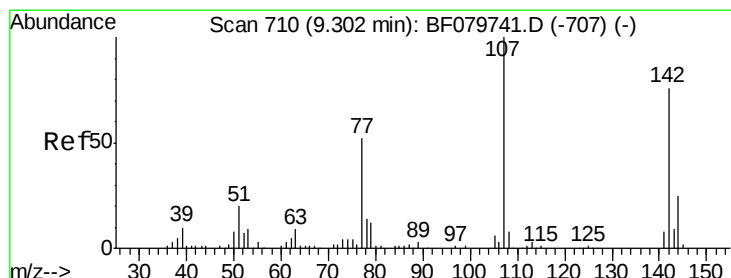
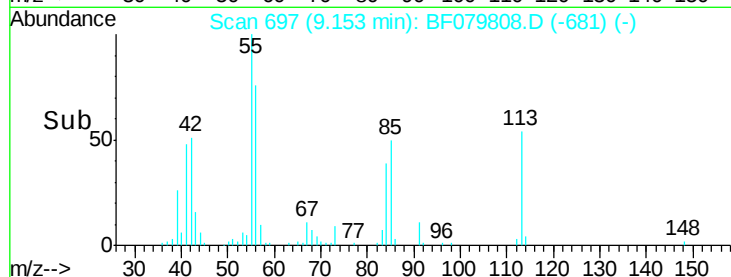
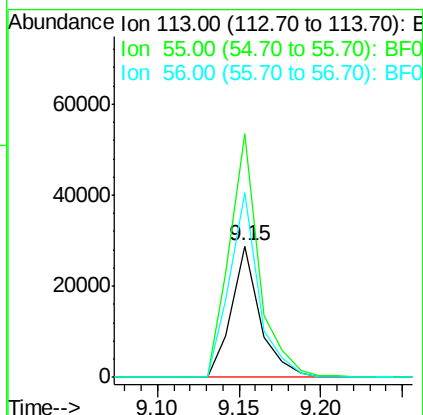
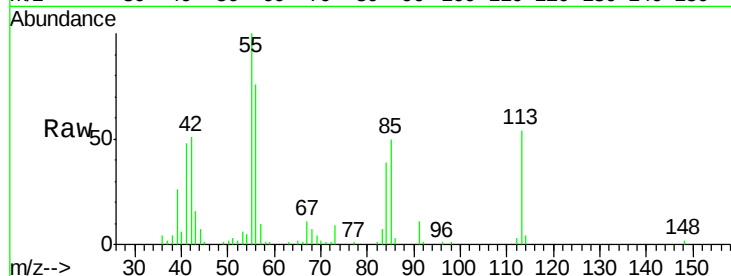




#35
 Caprolactam
 Concen: 38.50 ng
 RT: 9.15 min Scan# 697
 Delta R.T. -0.01 min
 Lab File: BF079808.D
 Acq: 7 Jun 2015 12:01

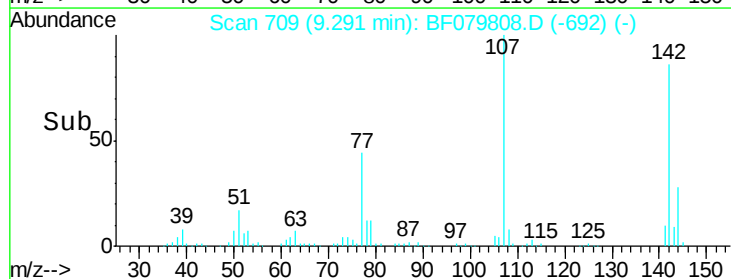
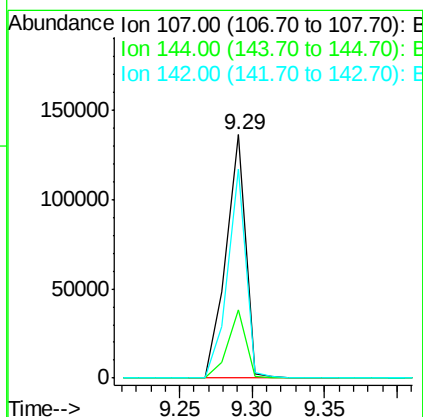
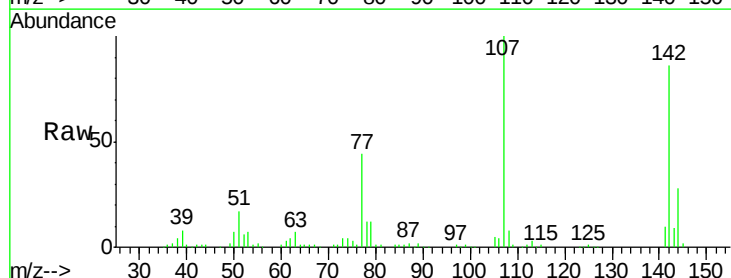
Instrument :
 BNA_F
 ClientSampleId :
 FS-039MS

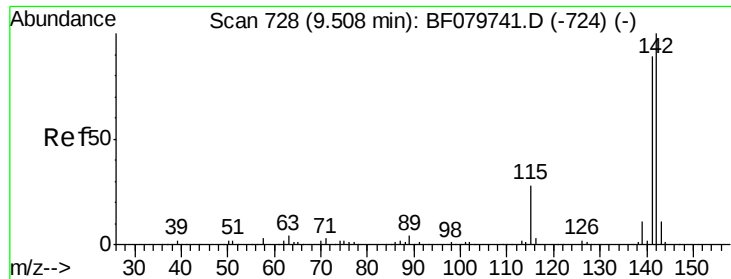
Tgt Ion:113 Resp: 34930
 Ion Ratio Lower Upper
 113 100
 55 185.1 186.6 226.6#
 56 140.5 137.8 177.8



#36
 4-Chloro-3-methylphenol
 Concen: 38.80 ng
 RT: 9.29 min Scan# 709
 Delta R.T. 0.00 min
 Lab File: BF079808.D
 Acq: 7 Jun 2015 12:01

Tgt Ion:107 Resp: 129168
 Ion Ratio Lower Upper
 107 100
 144 27.9 24.5 36.7
 142 86.1 74.6 112.0

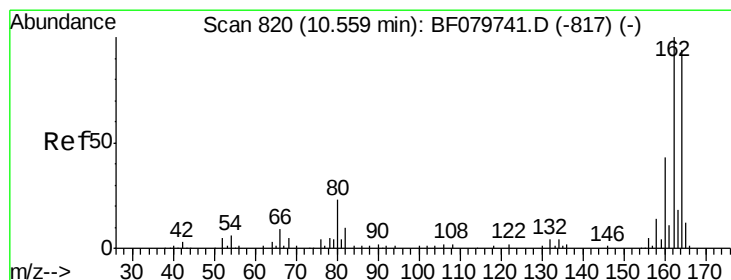
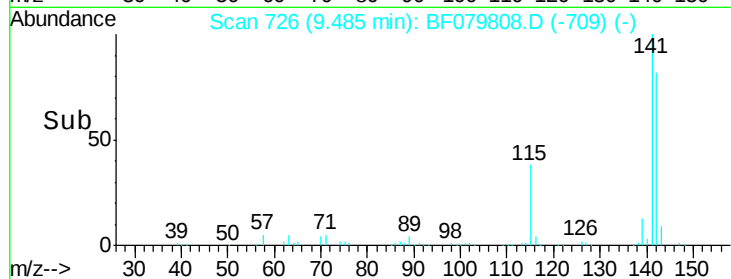
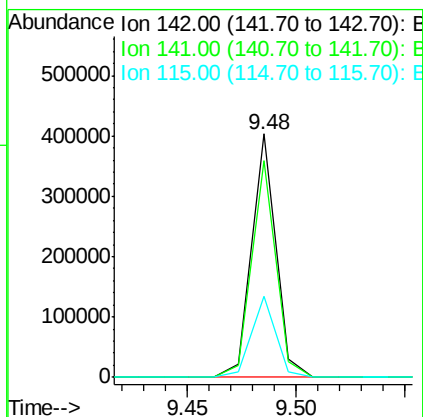
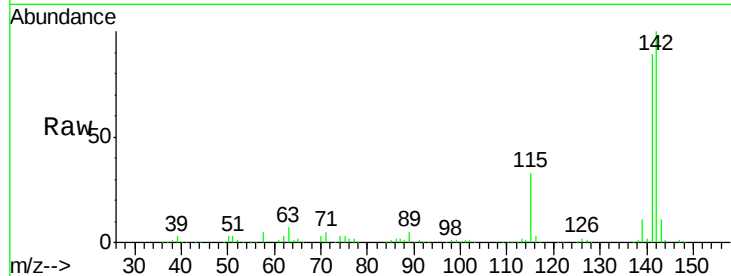




#37
 2-Methylnaphthalene
 Concen: 43.52 ng
 RT: 9.48 min Scan# 726
 Delta R.T. 0.00 min
 Lab File: BF079808.D
 Acq: 7 Jun 2015 12:01

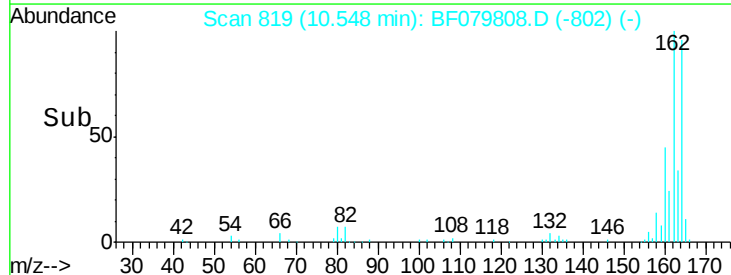
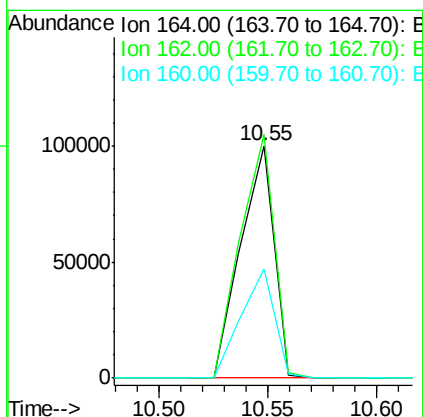
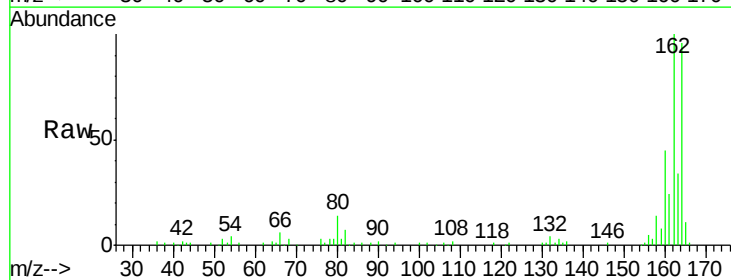
Instrument :
 BNA_F
 ClientSampleId :
 FS-039MS

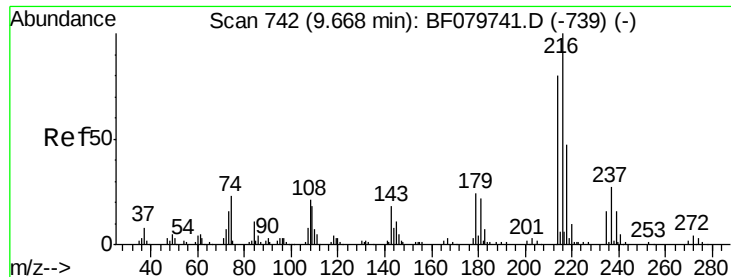
Tgt Ion:142 Resp: 313003
 Ion Ratio Lower Upper
 142 100
 141 89.3 72.8 109.2
 115 33.4 26.9 40.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.55 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF079808.D
 Acq: 7 Jun 2015 12:01

Tgt Ion:164 Resp: 106417
 Ion Ratio Lower Upper
 164 100
 162 104.7 82.6 123.8
 160 46.9 36.8 55.2

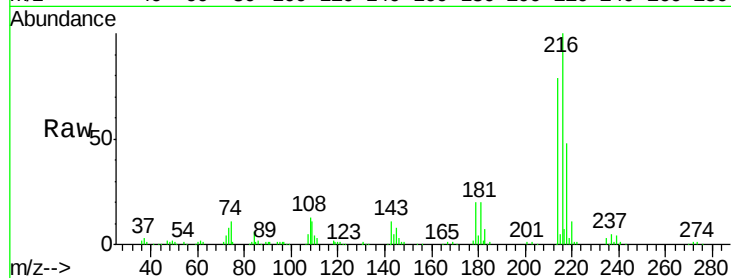




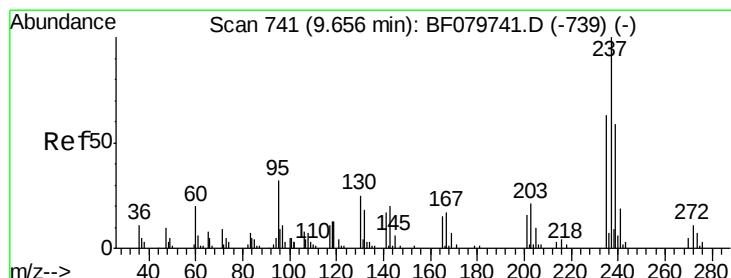
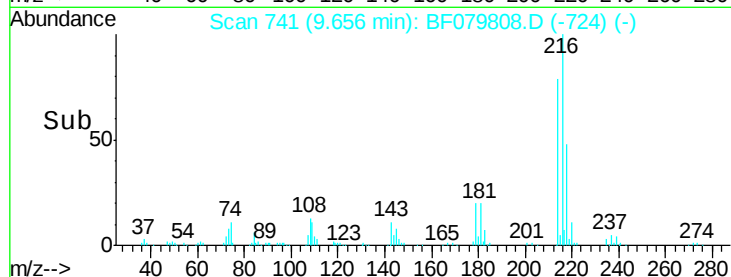
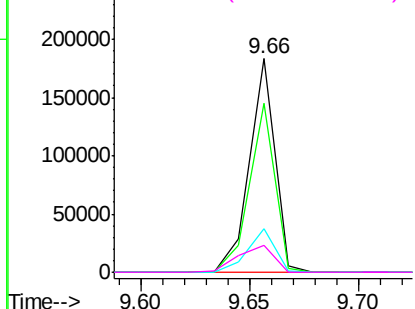
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.06 ng
 RT: 9.66 min Scan# 741
 Delta R.T. 0.00 min
 Lab File: BF079808.D
 Acq: 7 Jun 2015 12:01

Instrument :
 BNA_F
 ClientSampleId :
 FS-039MS

Tgt Ion:	216	Resp:	149338
Ion	Ratio	Lower	Upper
216	100		
214	79.3	62.2	93.4
179	21.1	16.6	24.8
108	17.8	13.4	20.0

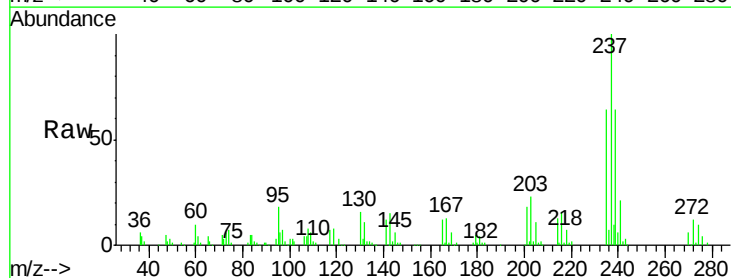


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

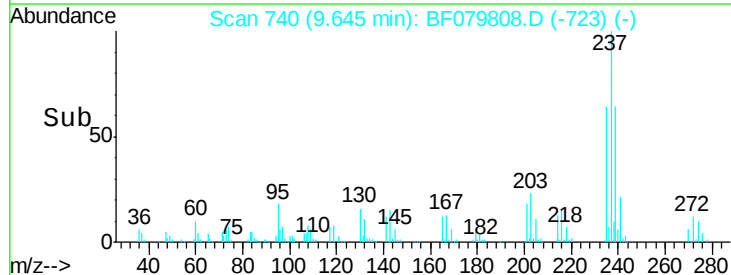
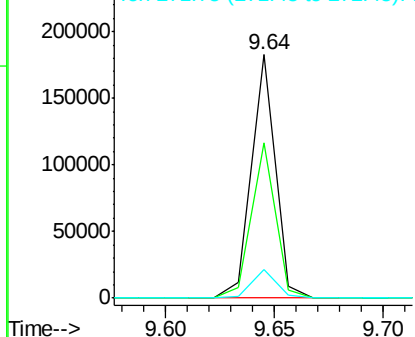


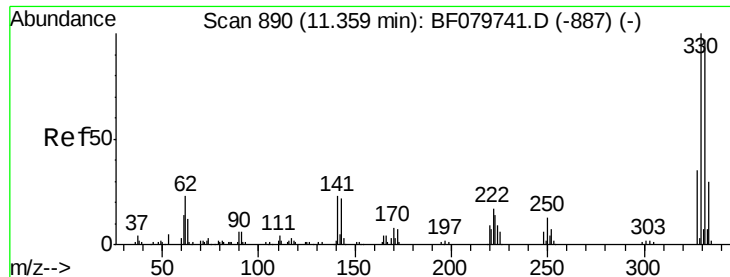
#40
 Hexachlorocyclopentadiene
 Concen: 97.85 ng
 RT: 9.64 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF079808.D
 Acq: 7 Jun 2015 12:01

Tgt Ion:	237	Resp:	139435
Ion	Ratio	Lower	Upper
237	100		
235	63.7	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

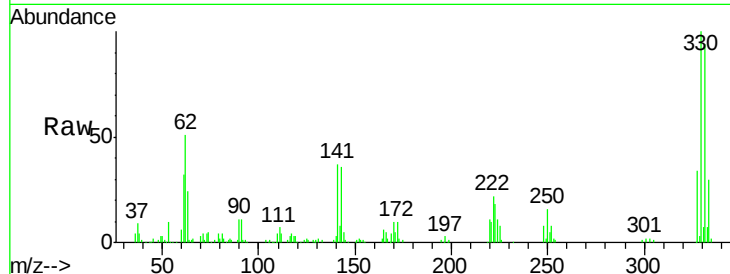




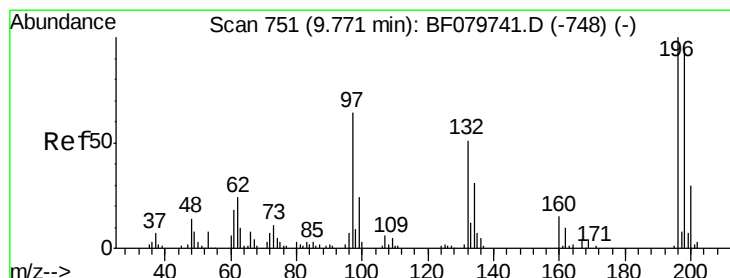
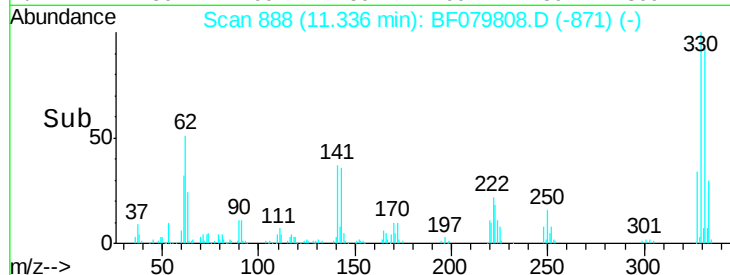
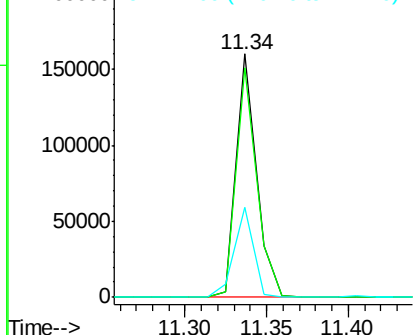
#41
 2,4,6-Tribromophenol
 Concen: 134.47 ng
 RT: 11.34 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: BF079808.D
 Acq: 7 Jun 2015 12:01

Instrument :
 BNA_F
 ClientSampleId :
 FS-039MS

Tgt Ion:330 Resp: 136865
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.4 116.0
 141 35.6 30.2 45.2

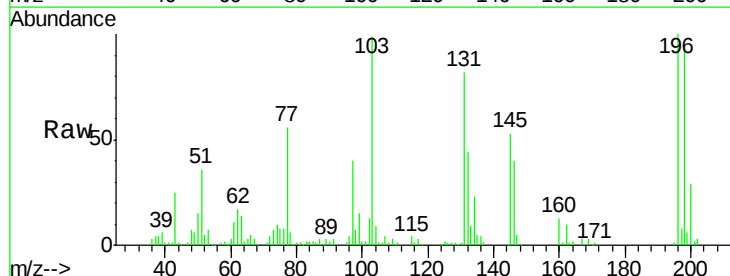


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

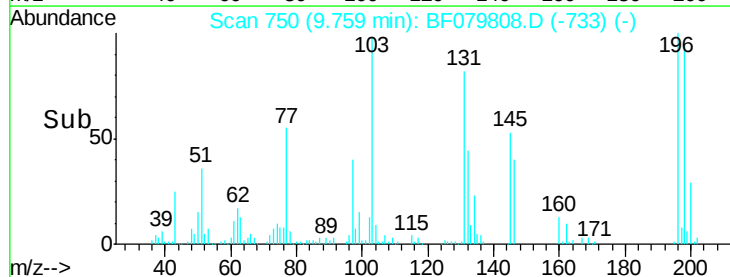
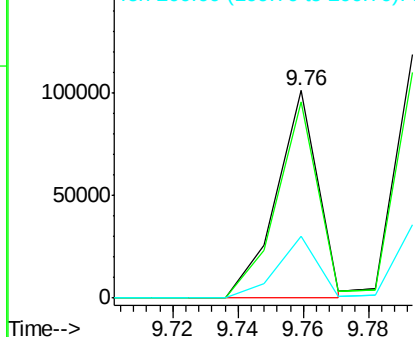


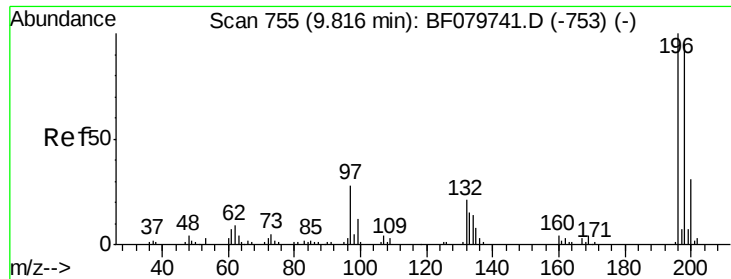
#42
 2,4,6-Trichlorophenol
 Concen: 40.56 ng
 RT: 9.76 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF079808.D
 Acq: 7 Jun 2015 12:01

Tgt Ion:196 Resp: 89398
 Ion Ratio Lower Upper
 196 100
 198 94.5 76.8 115.2
 200 29.5 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

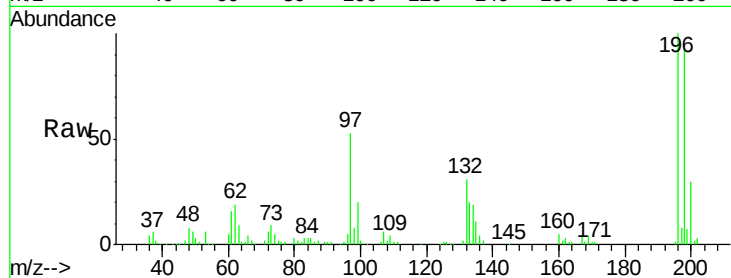




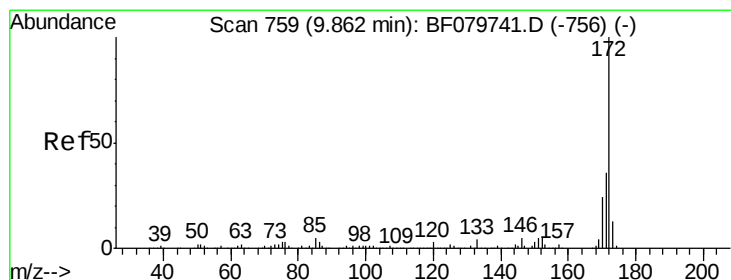
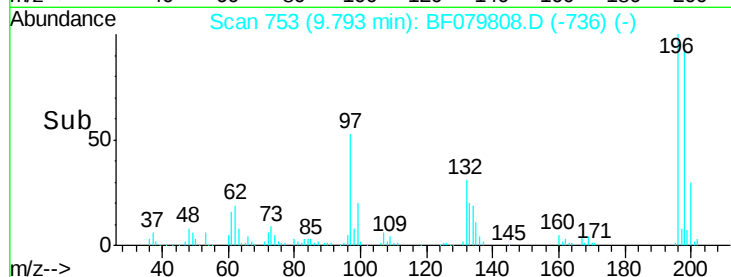
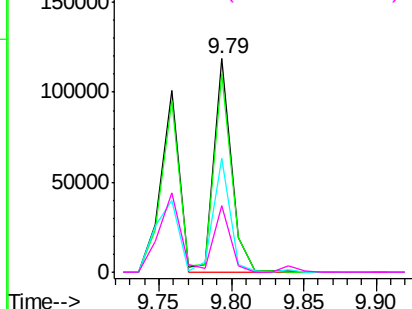
#43
 2,4,5-Trichlorophenol
 Concen: 42.67 ng
 RT: 9.79 min Scan# 753
 Delta R.T. 0.00 min
 Lab File: BF079808.D
 Acq: 7 Jun 2015 12:01

Instrument :
 BNA_F
 ClientSampleId :
 FS-039MS

Tgt Ion:	196	Resp:	98957
Ion	Ratio	Lower	Upper
196	100		
198	92.9	76.9	115.3
97	53.3	38.9	58.3
132	30.9	23.9	35.9

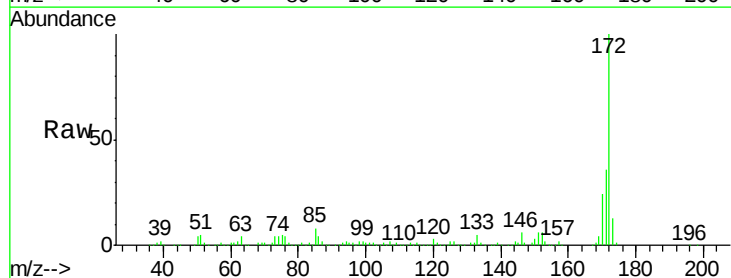


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

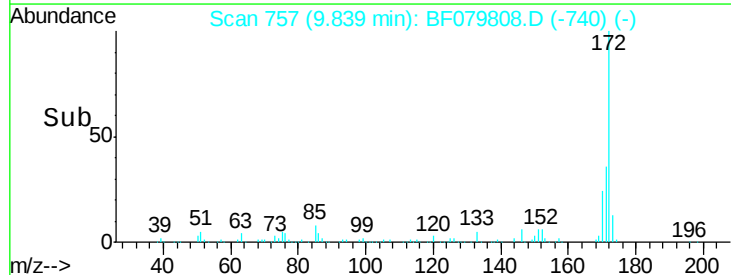
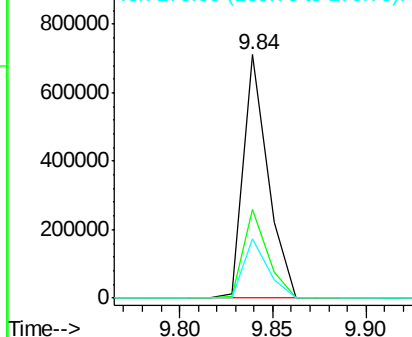


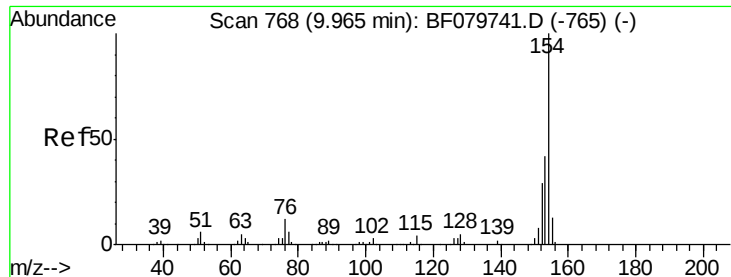
#44
 2-Fluorobiphenyl
 Concen: 82.57 ng
 RT: 9.84 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF079808.D
 Acq: 7 Jun 2015 12:01

Tgt Ion:	172	Resp:	648613
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.2	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: 38.17 ng

RT: 9.95 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF079808.D

Acq: 7 Jun 2015 12:01

Instrument :

BNA_F

ClientSampleId :

FS-039MS

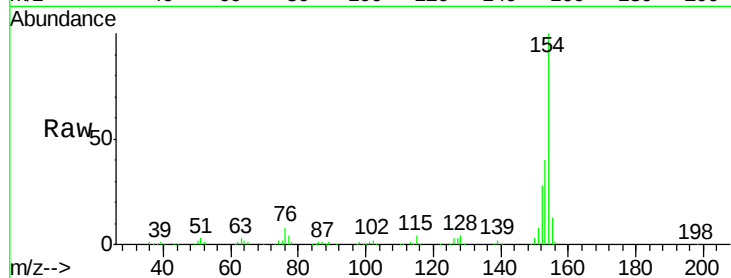
Tgt Ion:154 Resp: 353336

Ion Ratio Lower Upper

154 100

153 39.8 19.9 59.9

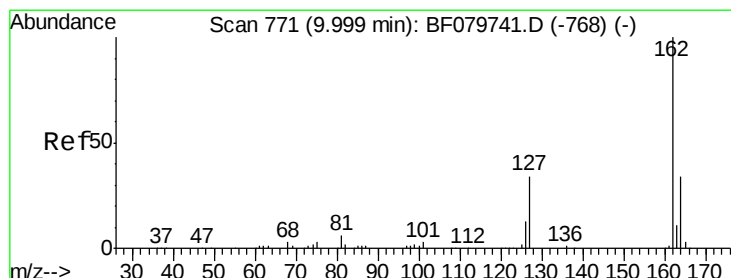
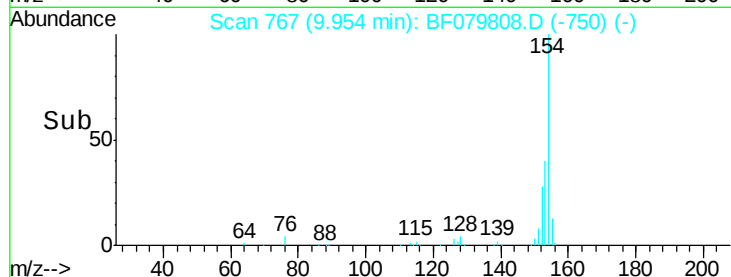
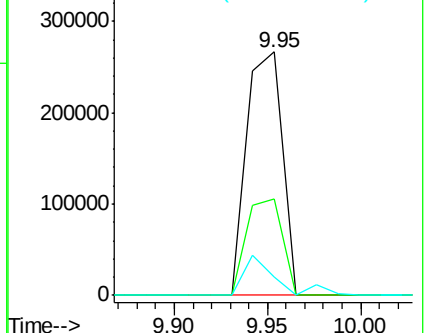
76 7.6 0.0 28.2



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): E



#46

2-Chloronaphthalene

Concen: 36.66 ng

RT: 9.98 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF079808.D

Acq: 7 Jun 2015 12:01

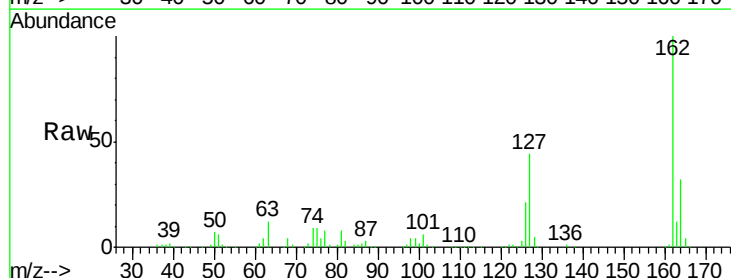
Tgt Ion:162 Resp: 277103

Ion Ratio Lower Upper

162 100

127 43.5 35.4 53.2

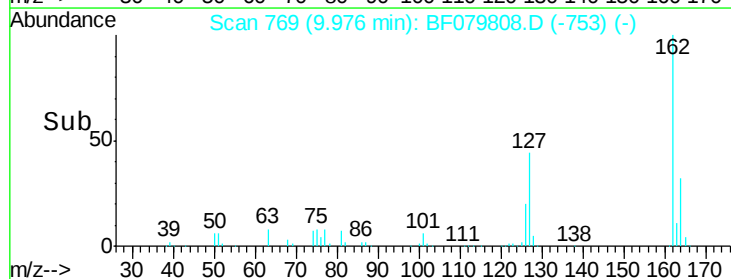
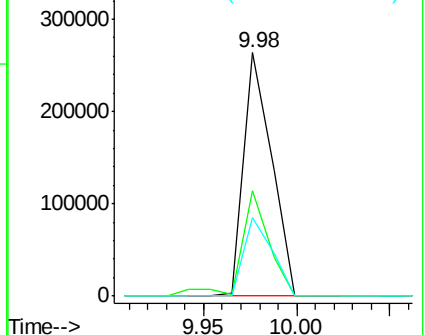
164 32.1 26.3 39.5

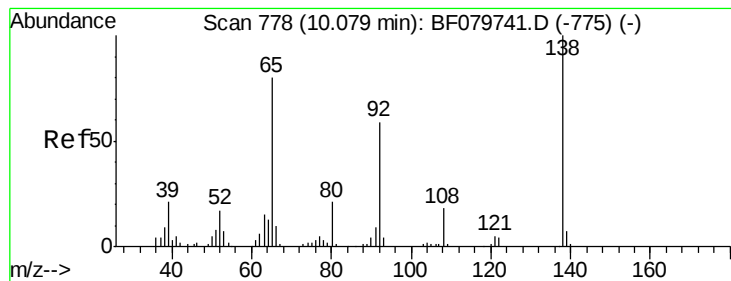


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 36.58 ng

RT: 10.06 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF079808.D

Acq: 7 Jun 2015 12:01

Instrument :

BNA_F

ClientSampleId :

FS-039MS

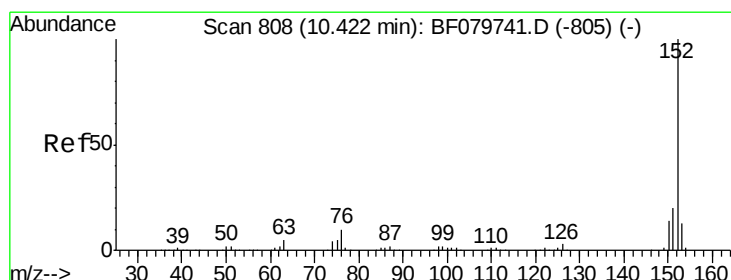
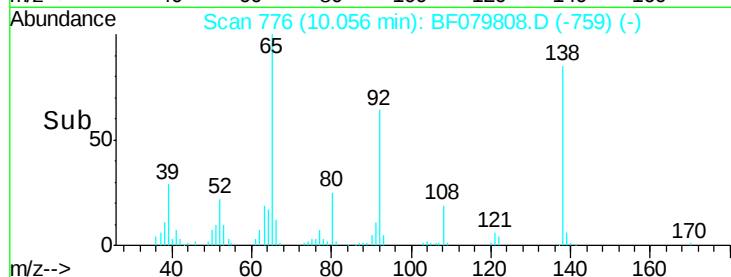
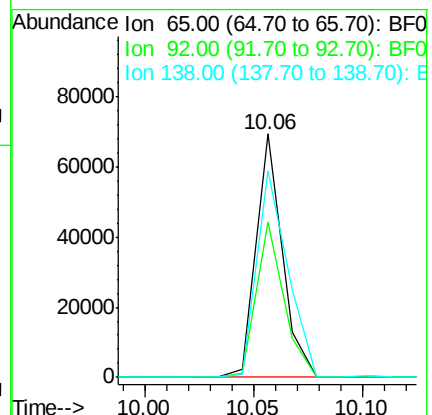
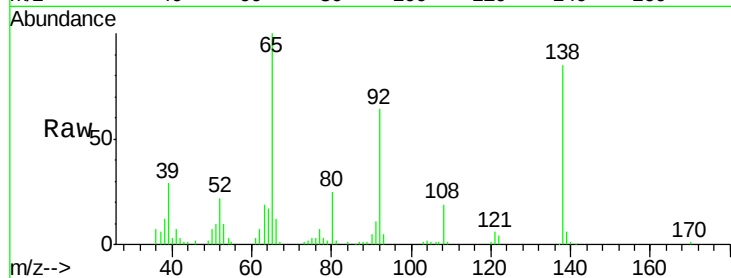
Tgt Ion: 65 Resp: 58002

Ion Ratio Lower Upper

65 100

92 63.9 49.0 73.6

138 85.0 67.7 101.5



#48

Acenaphthylene

Concen: 35.77 ng

RT: 10.40 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF079808.D

Acq: 7 Jun 2015 12:01

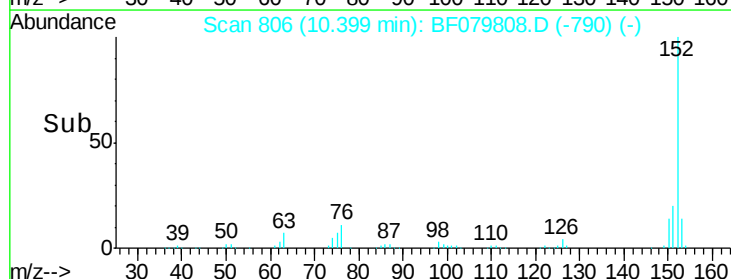
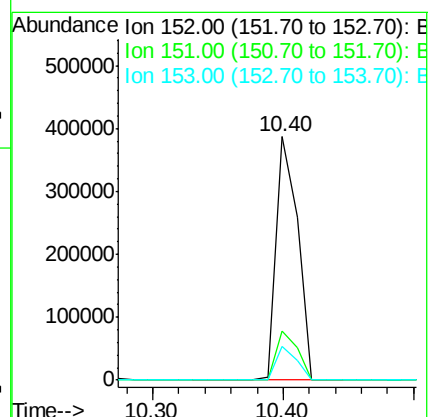
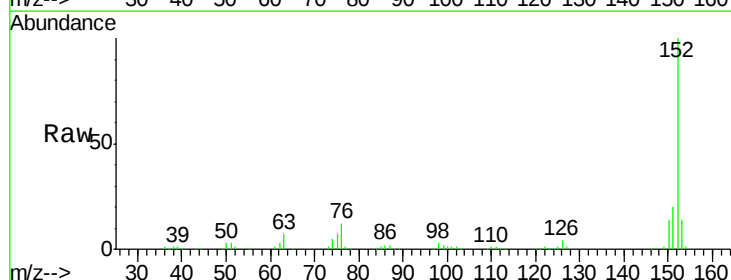
Tgt Ion: 152 Resp: 447022

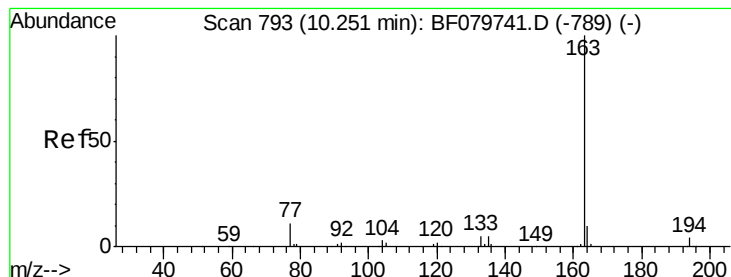
Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.4

153 13.7 10.4 15.6





#49

Dimethylphthalate

Concen: 49.17 ng

RT: 10.23 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF079808.D

Acq: 7 Jun 2015 12:01

Instrument :

BNA_F

ClientSampleId :

FS-039MS

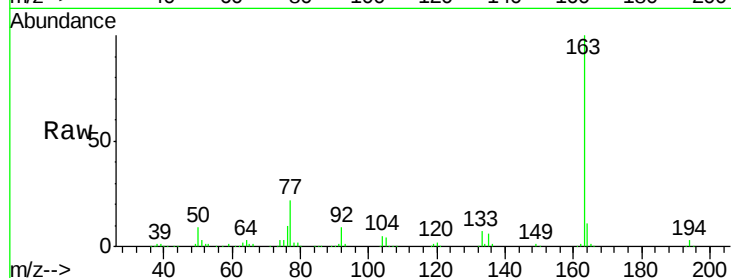
Tgt Ion:163 Resp: 403010

Ion Ratio Lower Upper

163 100

194 3.4 2.6 3.8

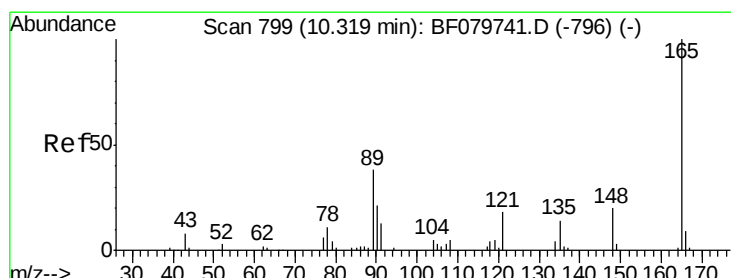
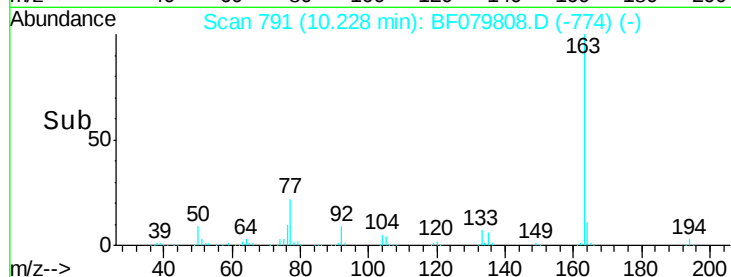
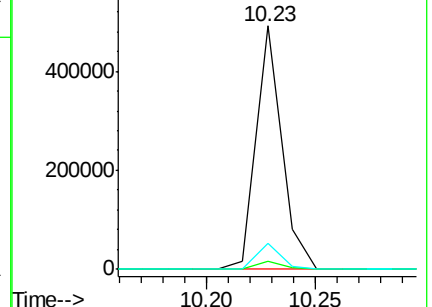
164 10.6 8.5 12.7



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: 44.05 ng

RT: 10.30 min Scan# 797

Delta R.T. 0.00 min

Lab File: BF079808.D

Acq: 7 Jun 2015 12:01

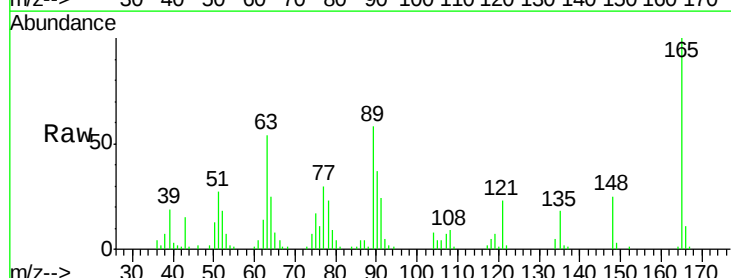
Tgt Ion:165 Resp: 58698

Ion Ratio Lower Upper

165 100

63 54.2 45.2 67.8

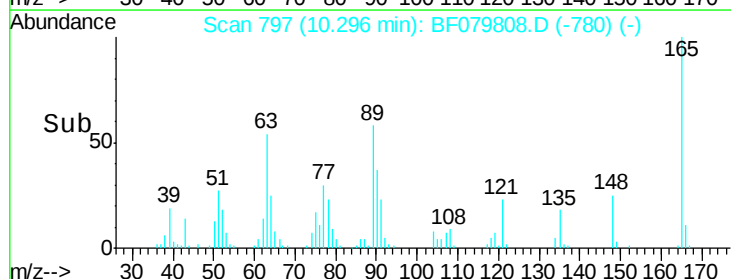
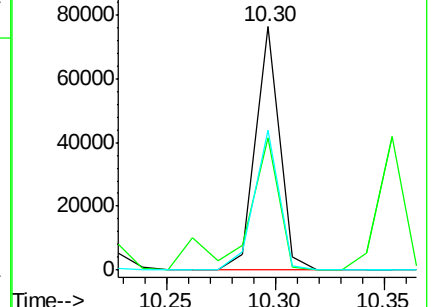
89 57.7 45.9 68.9

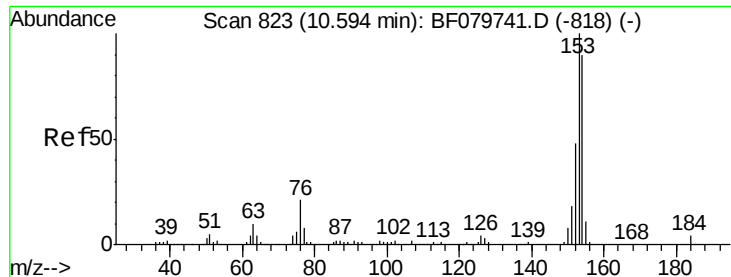


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.84 ng

RT: 10.58 min Scan# 822

Delta R.T. 0.00 min

Lab File: BF079808.D

Acq: 7 Jun 2015 12:01

Instrument :

BNA_F

ClientSampleId :

FS-039MS

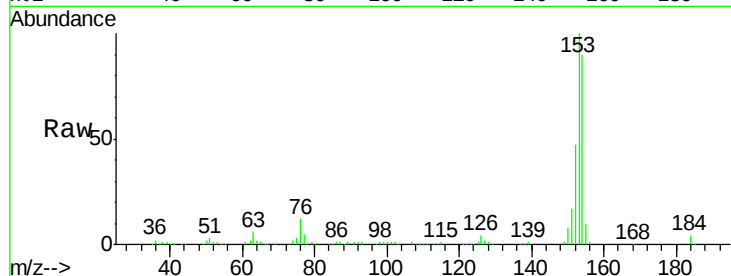
Tgt Ion:154 Resp: 260741

Ion Ratio Lower Upper

154 100

153 111.6 90.1 135.1

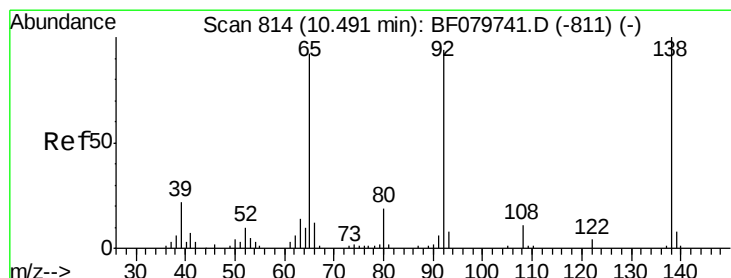
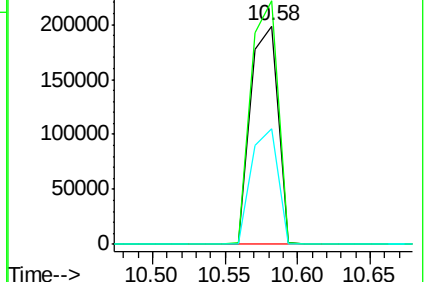
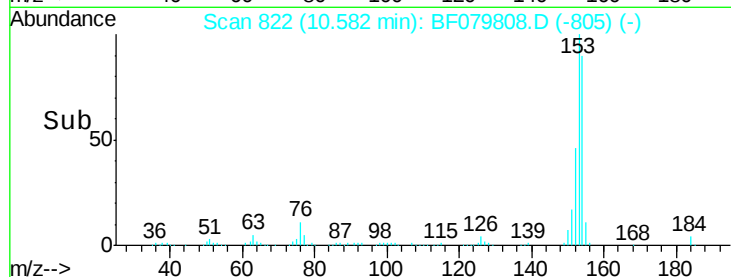
152 52.8 43.4 65.0



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: 26.67 ng

RT: 10.47 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF079808.D

Acq: 7 Jun 2015 12:01

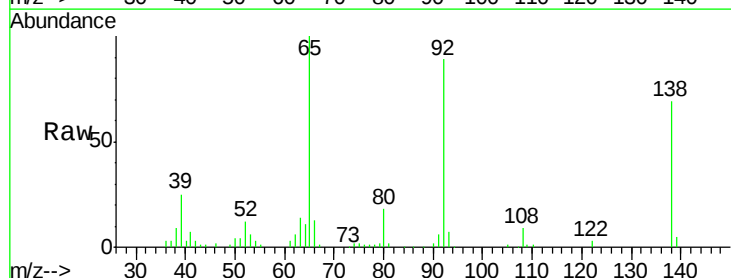
Tgt Ion:138 Resp: 46174

Ion Ratio Lower Upper

138 100

108 13.4 8.9 13.3#

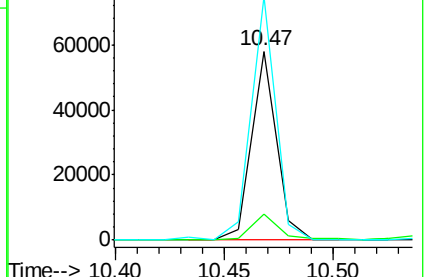
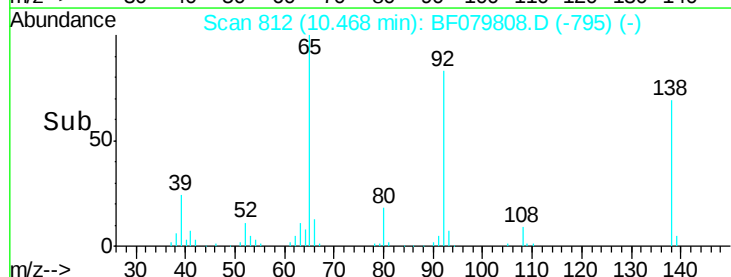
92 128.8 99.0 148.4

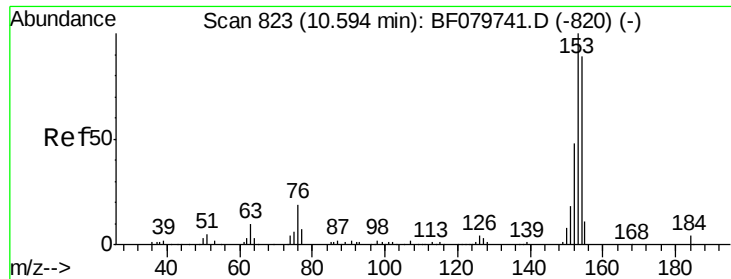


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

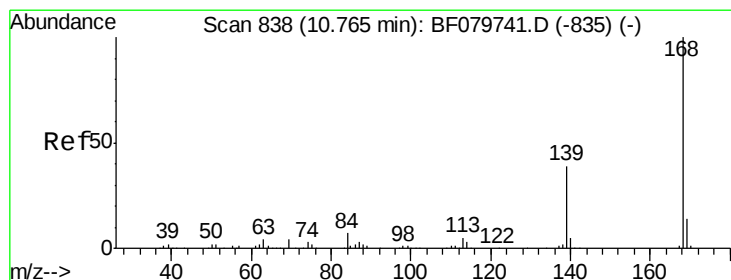
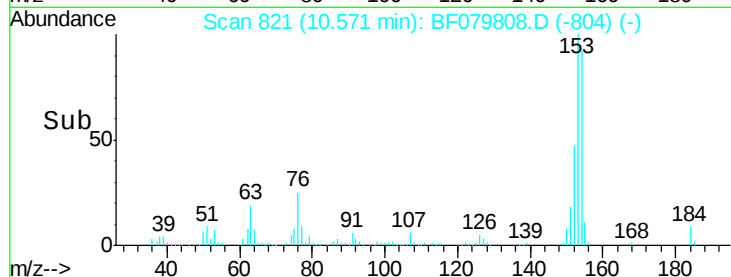
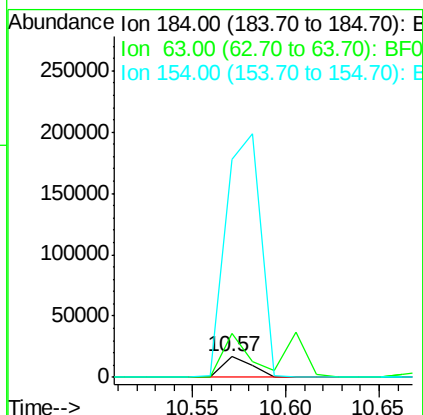
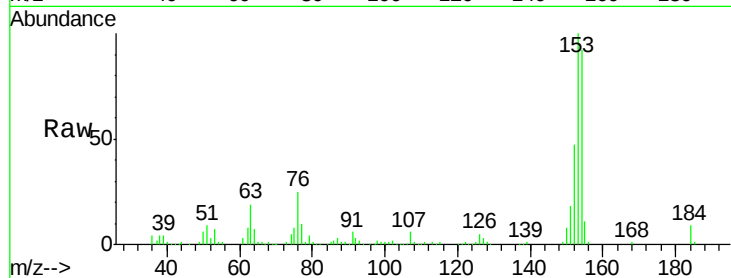




#53
2,4-Dinitrophenol
Concen: 52.54 ng
RT: 10.57 min Scan# 821
Delta R.T. 0.00 min
Lab File: BF079808.D
Acq: 7 Jun 2015 12:01

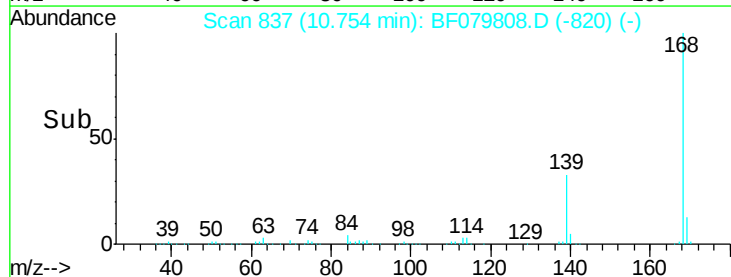
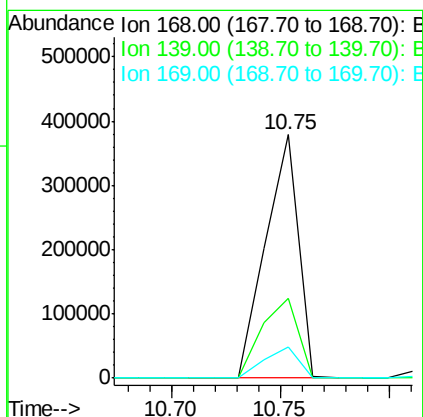
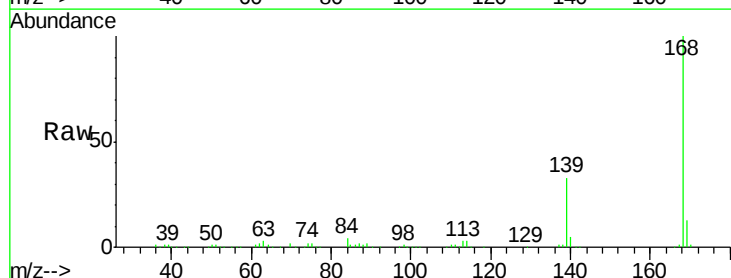
Instrument :
BNA_F
ClientSampled :
FS-039MS

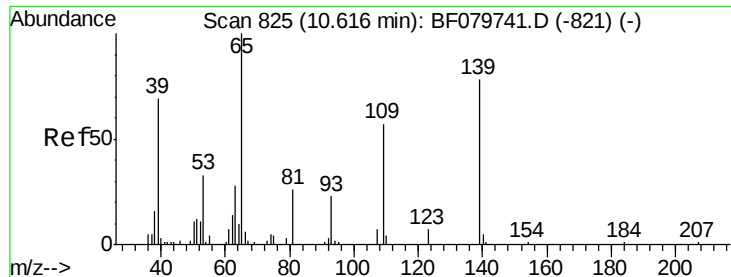
Tgt Ion:184 Resp: 19193
Ion Ratio Lower Upper
184 100
63 212.0 146.9 220.3
154 1049.4 653.8 980.8#



#54
Dibenzofuran
Concen: 40.09 ng
RT: 10.75 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF079808.D
Acq: 7 Jun 2015 12:01

Tgt Ion:168 Resp: 401822
Ion Ratio Lower Upper
168 100
139 32.8 27.7 41.5
169 12.8 11.0 16.4

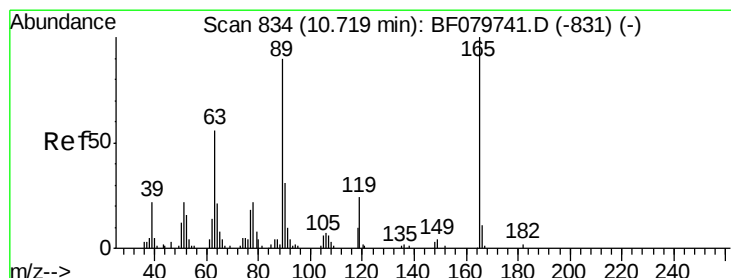
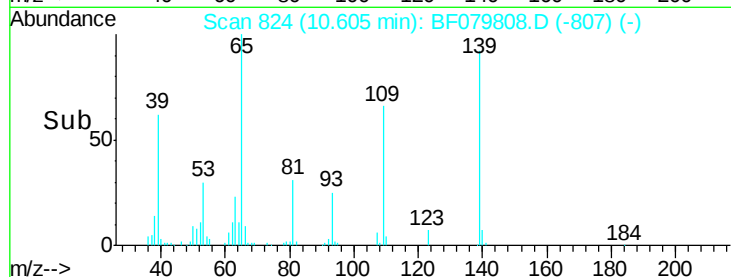
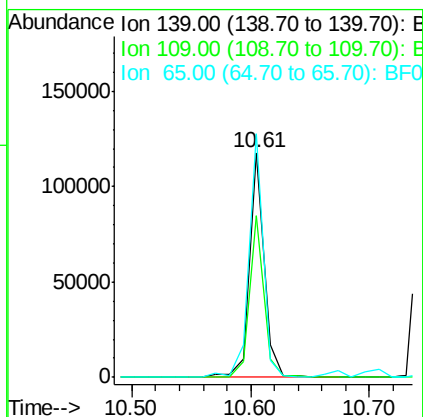
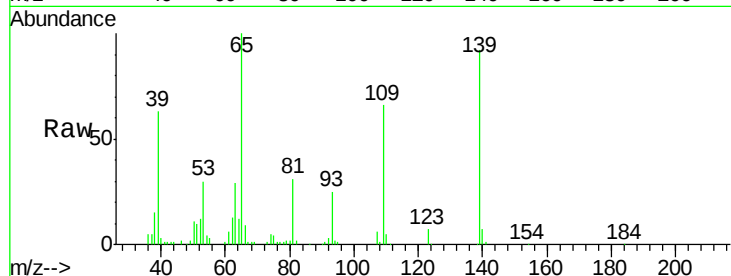




#55
4-Nitrophenol
Concen: 79.06 ng
RT: 10.61 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF079808.D
Acq: 7 Jun 2015 12:01

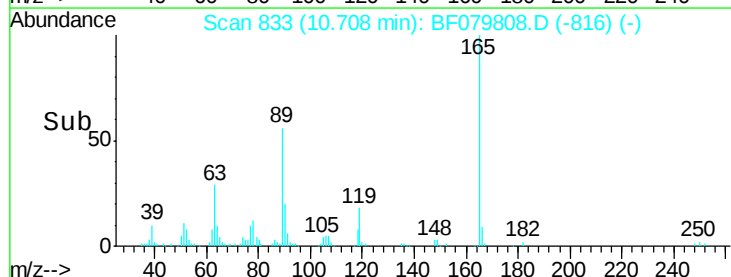
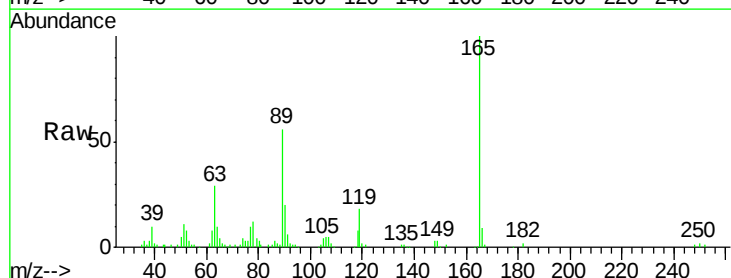
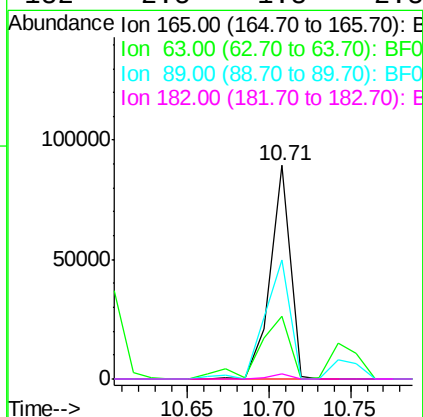
Instrument :
BNA_F
ClientSampleId :
FS-039MS

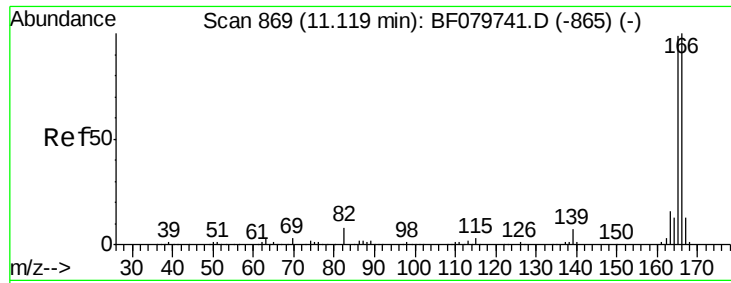
Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.8	44.2	84.2
65	108.4	72.3	112.3



#56
2,4-Dinitrotoluene
Concen: 47.29 ng
RT: 10.71 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF079808.D
Acq: 7 Jun 2015 12:01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	29.2	24.7	37.1
89	55.7	45.7	68.5
182	2.5	1.8	2.8

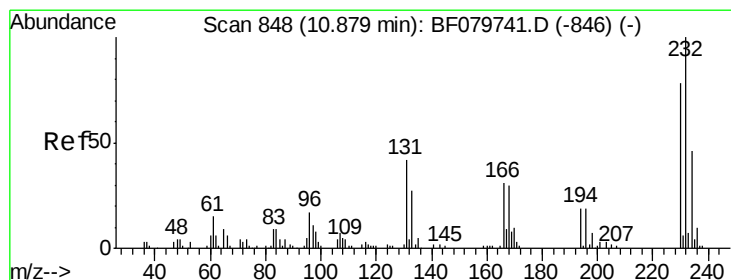
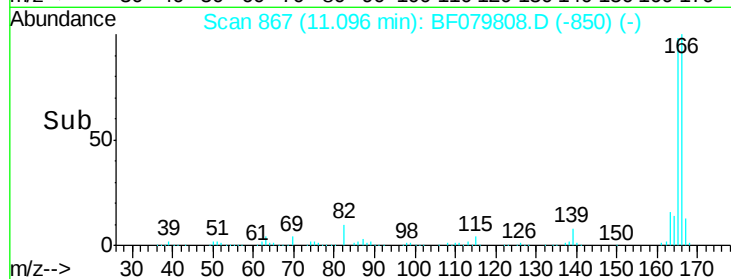
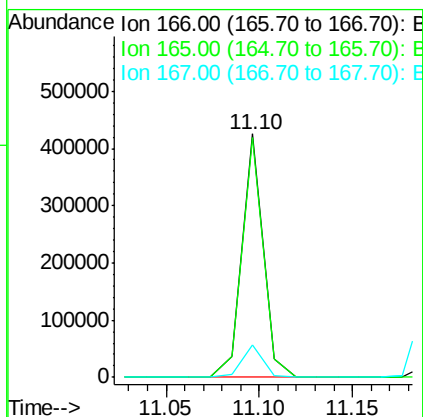
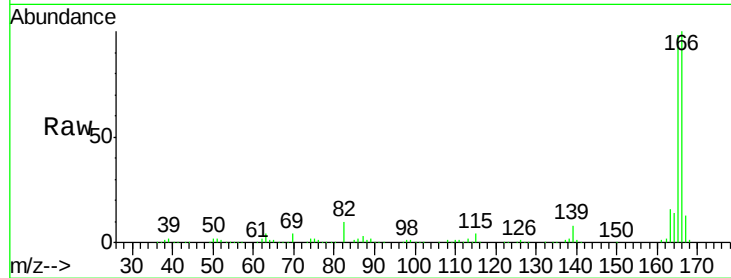




#57
Fluorene
 Concen: 39.09 ng
 RT: 11.10 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: BF079808.D
 Acq: 7 Jun 2015 12:01

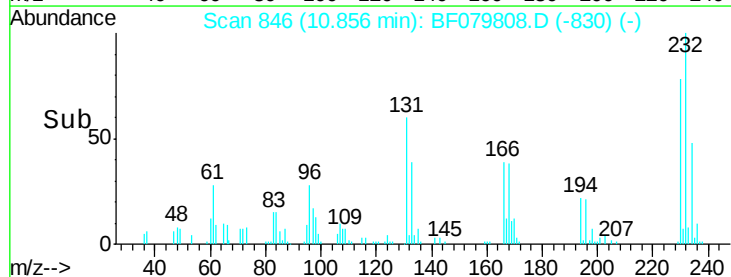
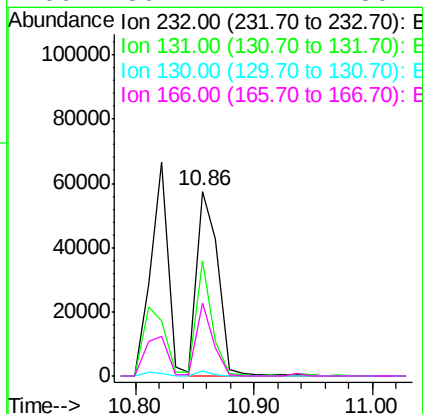
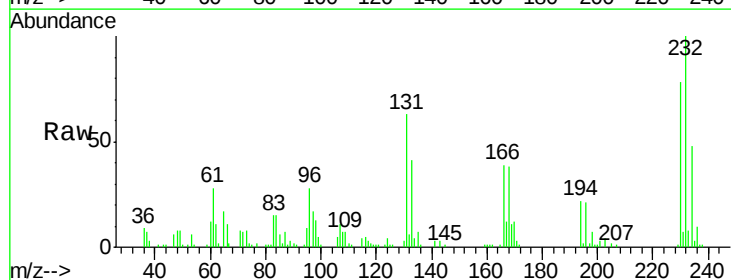
Instrument :
 BNA_F
 ClientSampled :
 FS-039MS

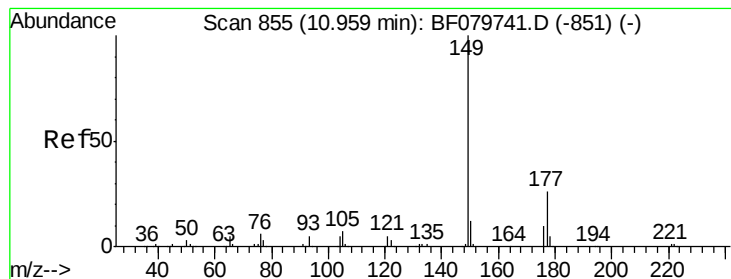
Tgt Ion:166 Resp: 339150
 Ion Ratio Lower Upper
 166 100
 165 98.2 79.4 119.0
 167 13.5 11.0 16.4



#58
2,3,4,6-Tetrachlorophenol
 Concen: 38.37 ng
 RT: 10.86 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BF079808.D
 Acq: 7 Jun 2015 12:01

Tgt Ion:232 Resp: 72028
 Ion Ratio Lower Upper
 232 100
 131 45.4 36.5 54.7
 130 2.2 1.8 2.8
 166 30.4 24.2 36.4





#59

Diethylphthalate

Concen: 43.13 ng

RT: 10.94 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF079808.D

Acq: 7 Jun 2015 12:01

Instrument :

BNA_F

ClientSampleId :

FS-039MS

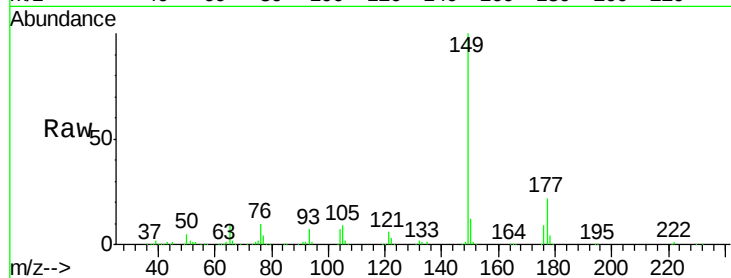
Tgt Ion:149 Resp: 345764

Ion Ratio Lower Upper

149 100

177 21.9 18.1 27.1

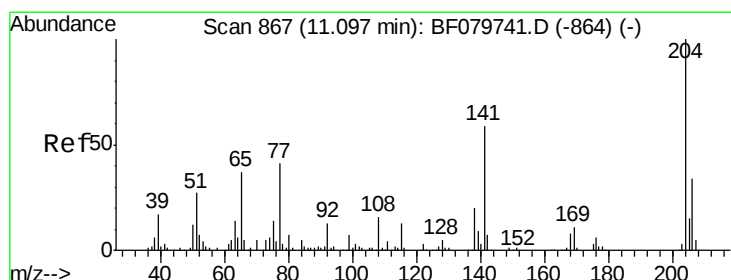
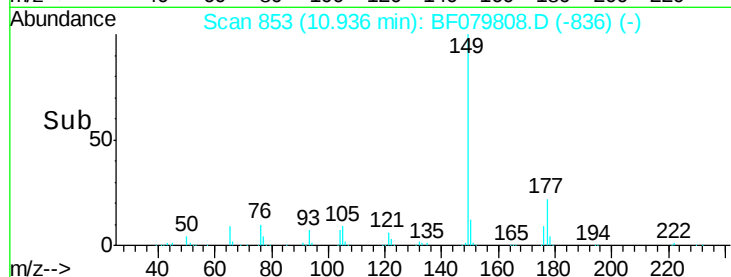
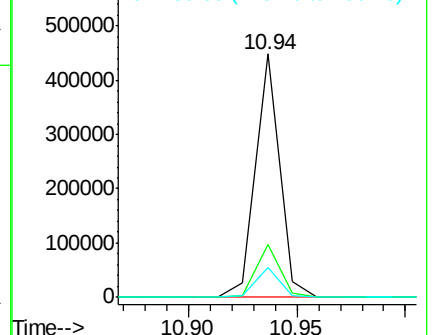
150 12.2 10.5 15.7



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: 38.22 ng

RT: 11.07 min Scan# 865

Delta R.T. -0.01 min

Lab File: BF079808.D

Acq: 7 Jun 2015 12:01

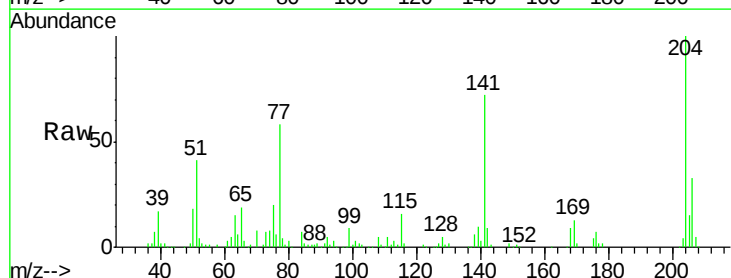
Tgt Ion:204 Resp: 150289

Ion Ratio Lower Upper

204 100

206 33.2 25.8 38.6

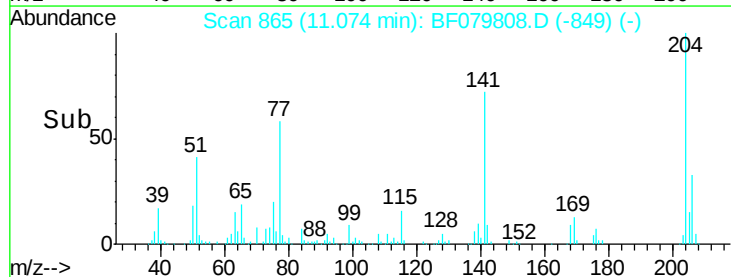
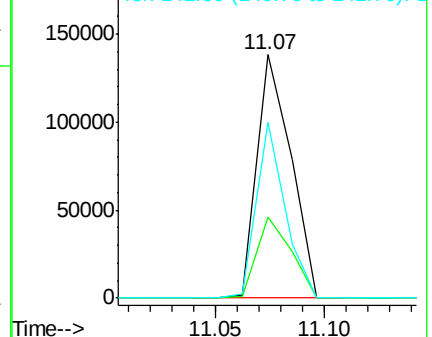
141 72.3 56.5 84.7

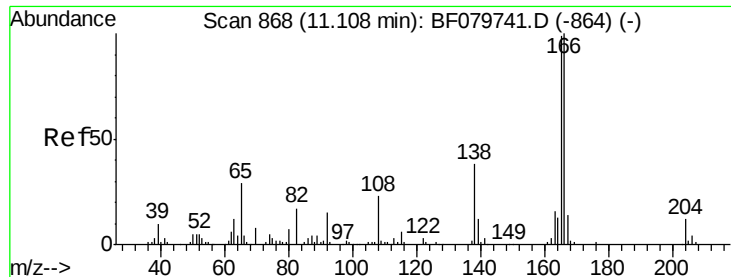


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

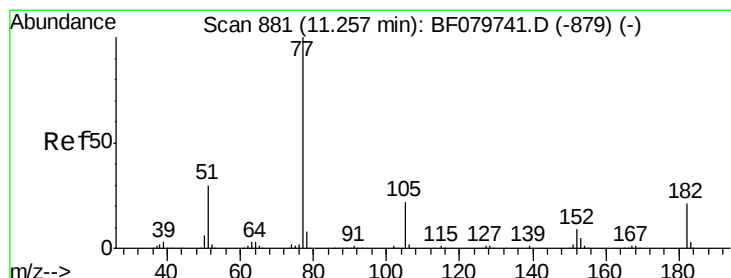
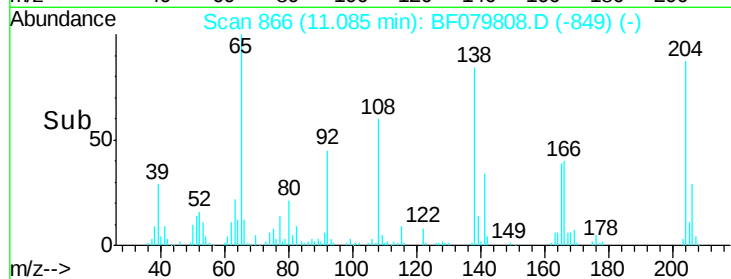
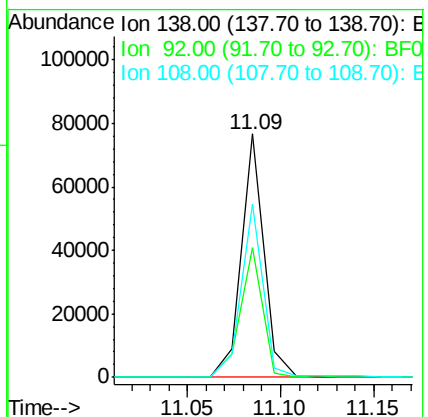
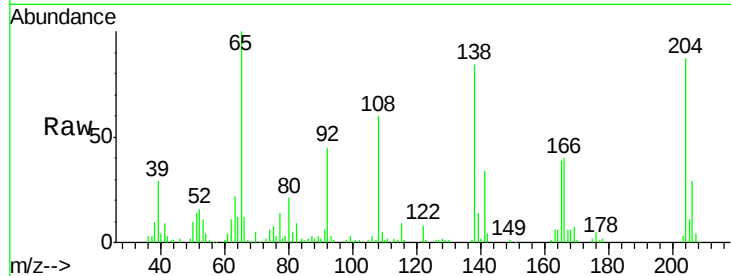




#61
4-Nitroaniline
Concen: 38.97 ng
RT: 11.09 min Scan# 866
Delta R.T. 0.00 min
Lab File: BF079808.D
Acq: 7 Jun 2015 12:01

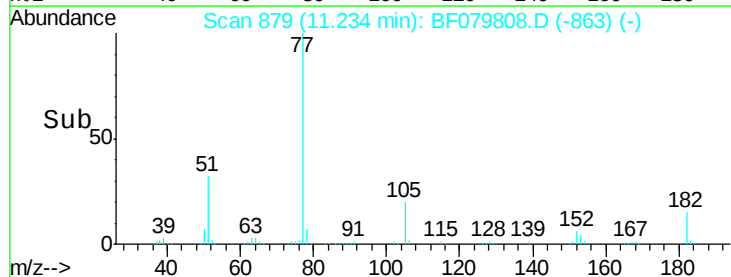
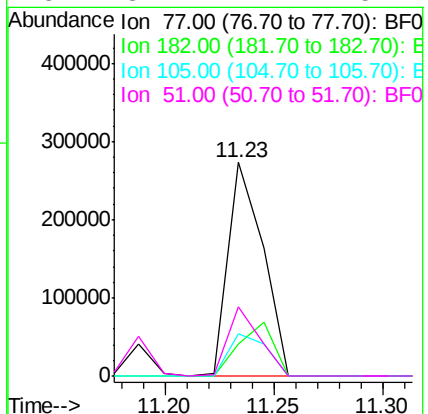
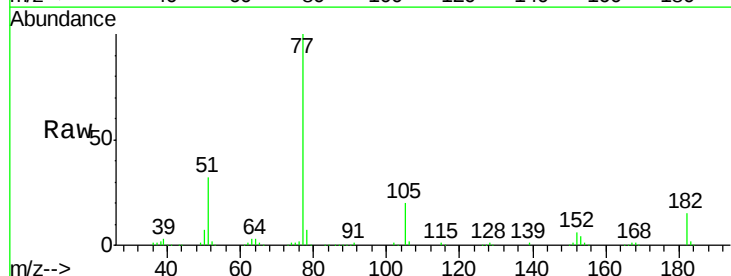
Instrument :
BNA_F
ClientSampleId :
FS-039MS

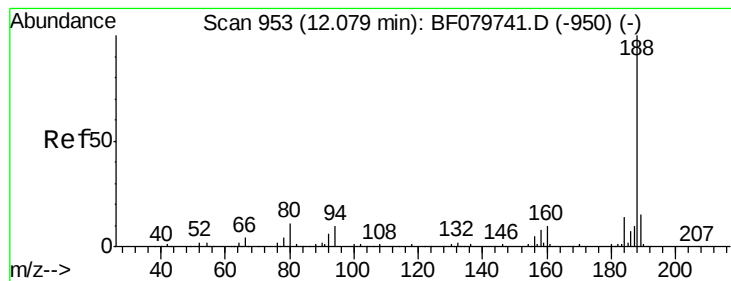
Tgt Ion: 138 Resp: 64625
Ion Ratio Lower Upper
138 100
92 53.3 38.2 78.2
108 71.0 53.8 93.8



#62
Azobenzene
Concen: 37.30 ng
RT: 11.23 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF079808.D
Acq: 7 Jun 2015 12:01

Tgt Ion: 77 Resp: 302190
Ion Ratio Lower Upper
77 100
182 14.9 0.0 35.2
105 19.9 0.0 39.5
51 32.2 12.4 52.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.06 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF079808.D

Acq: 7 Jun 2015 12:01

Instrument :

BNA_F

ClientSampleId :

FS-039MS

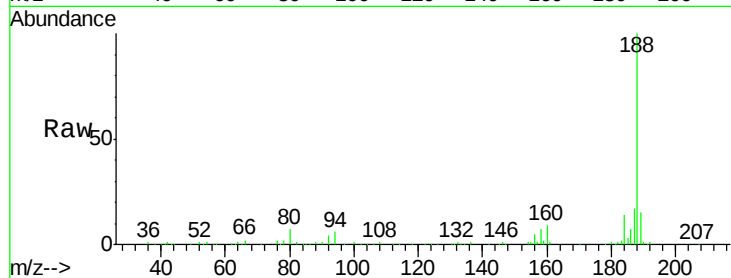
Tgt Ion:188 Resp: 208684

Ion Ratio Lower Upper

188 100

94 6.0 5.0 7.4

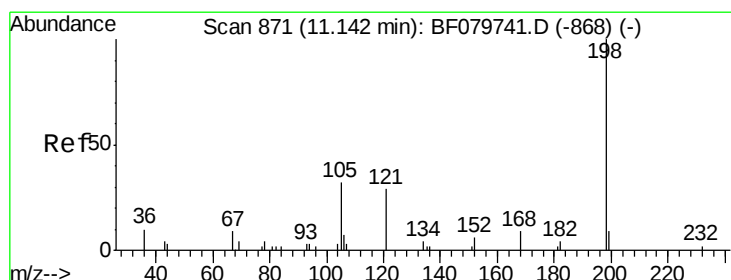
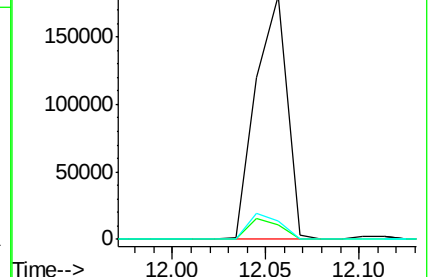
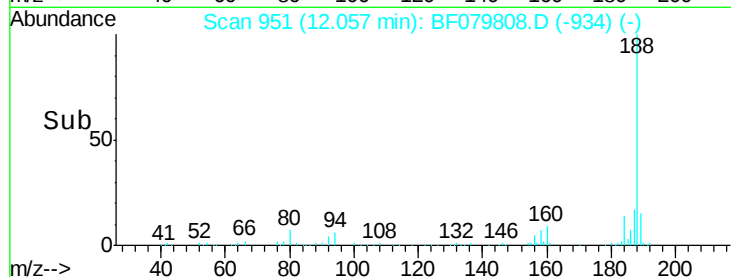
80 7.3 5.3 7.9



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: 40.31 ng

RT: 11.12 min Scan# 869

Delta R.T. 0.00 min

Lab File: BF079808.D

Acq: 7 Jun 2015 12:01

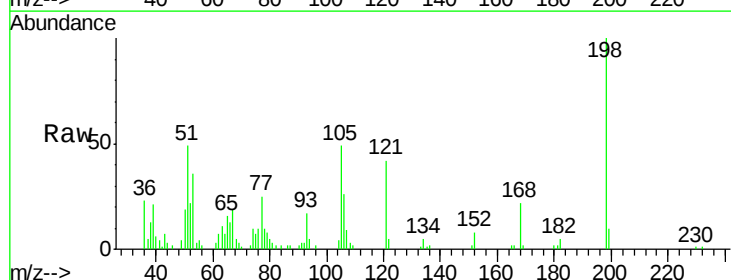
Tgt Ion:198 Resp: 20229

Ion Ratio Lower Upper

198 100

51 48.6 34.4 74.4

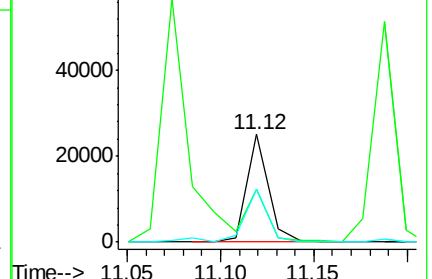
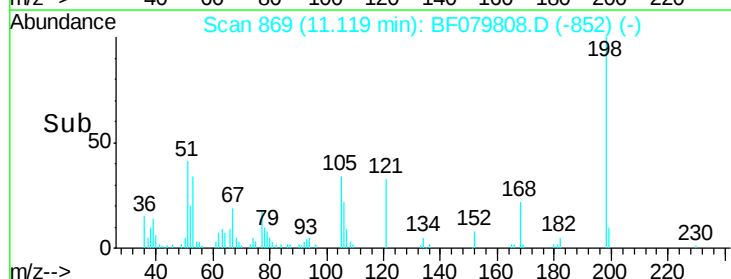
105 49.3 32.7 72.7

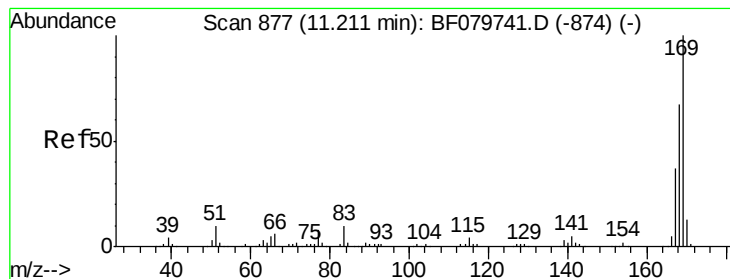


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

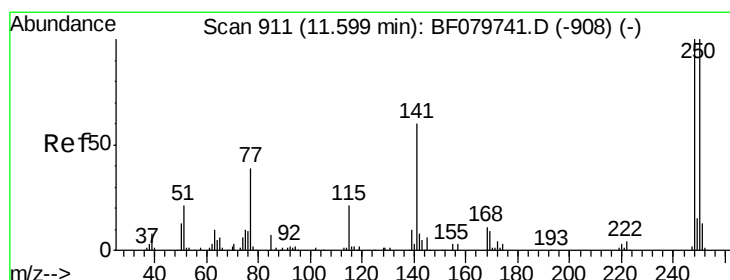
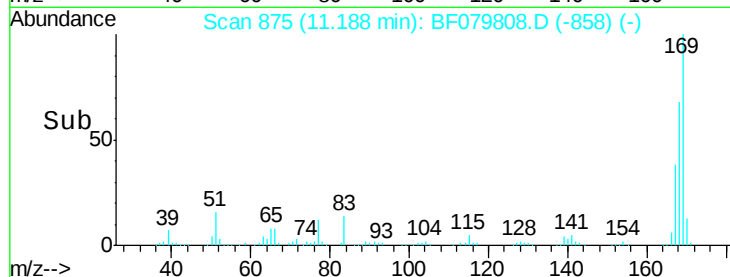
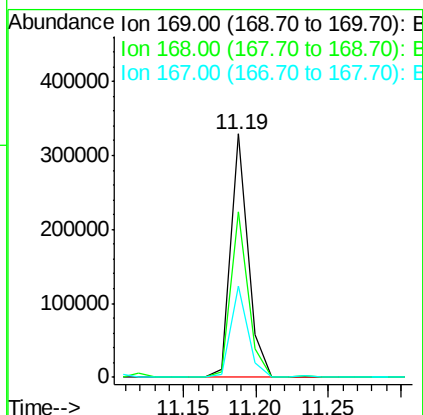
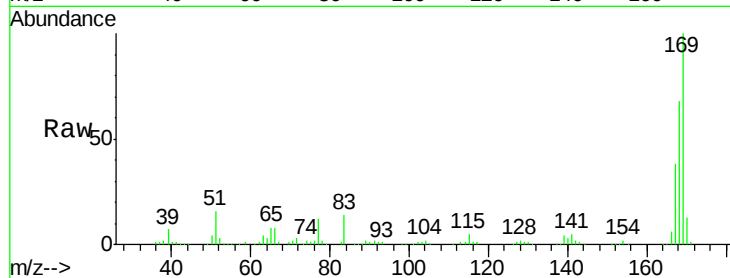




#65
 n-Nitrosodiphenylamine
 Concen: 39.09 ng
 RT: 11.19 min Scan# 875
 Delta R.T. 0.00 min
 Lab File: BF079808.D
 Acq: 7 Jun 2015 12:01

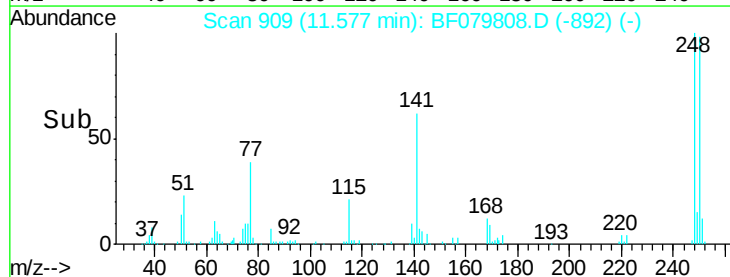
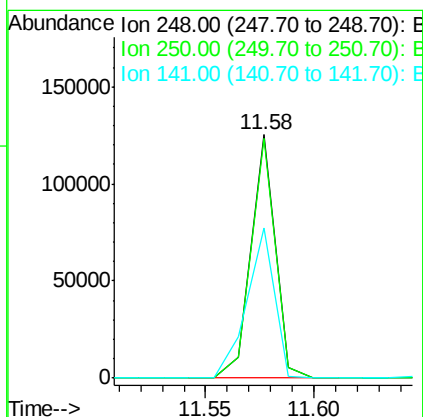
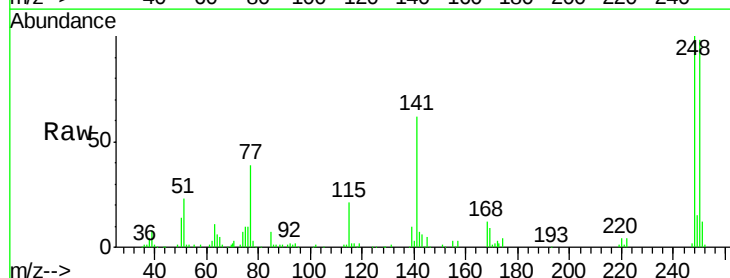
Instrument :
 BNA_F
 ClientSampleId :
 FS-039MS

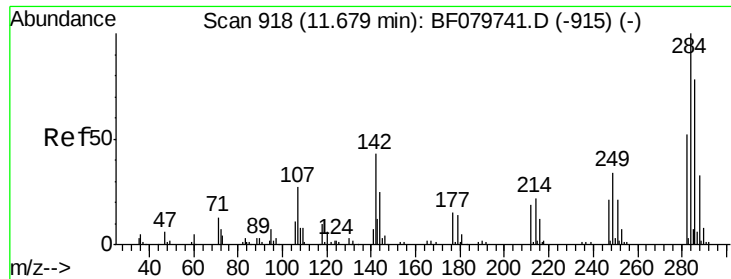
Tgt Ion:169 Resp: 272484
 Ion Ratio Lower Upper
 169 100
 168 68.2 54.8 82.2
 167 37.5 29.7 44.5



#66
 4-Bromophenyl-phenylether
 Concen: 43.06 ng
 RT: 11.58 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF079808.D
 Acq: 7 Jun 2015 12:01

Tgt Ion:248 Resp: 97307
 Ion Ratio Lower Upper
 248 100
 250 98.3 76.1 114.1
 141 61.7 64.6 96.8#

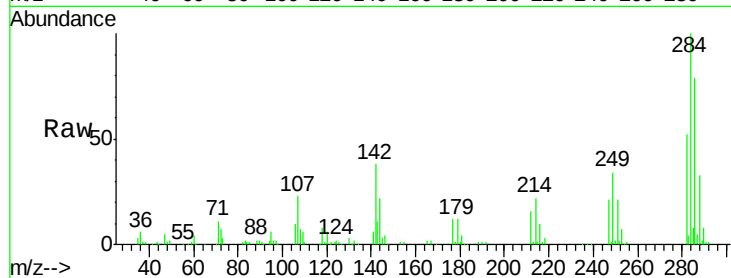




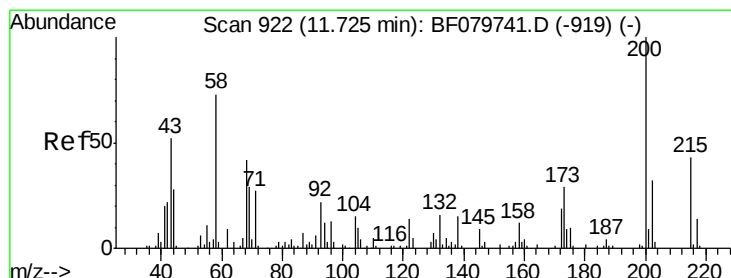
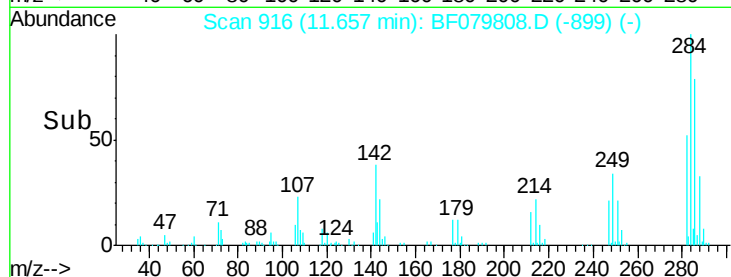
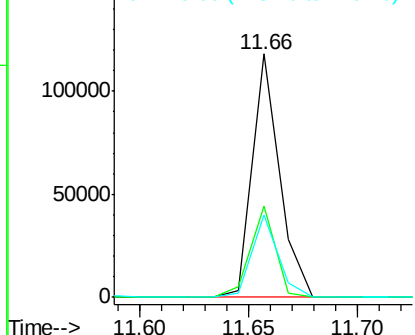
#67
Hexachlorobenzene
Concen: 40.41 ng
RT: 11.66 min Scan# 916
Delta R.T. 0.00 min
Lab File: BF079808.D
Acq: 7 Jun 2015 12:01

Instrument :
BNA_F
ClientSampleId :
FS-039MS

Tgt Ion:284 Resp: 102704
Ion Ratio Lower Upper
284 100
142 37.6 13.0 19.4#
249 33.7 22.3 33.5#

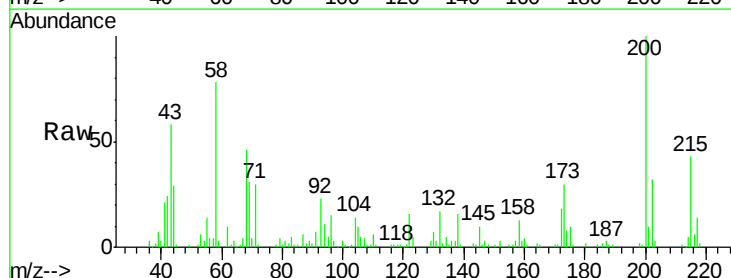


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

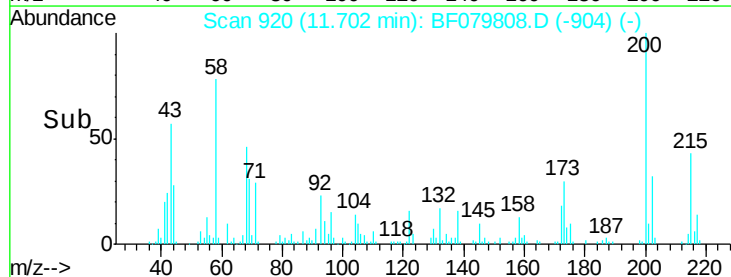
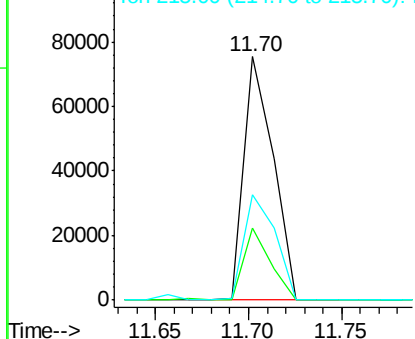


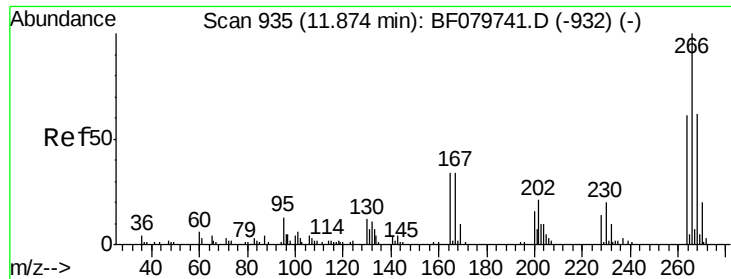
#68
Atrazine
Concen: 39.31 ng
RT: 11.70 min Scan# 920
Delta R.T. -0.01 min
Lab File: BF079808.D
Acq: 7 Jun 2015 12:01

Tgt Ion:200 Resp: 82345
Ion Ratio Lower Upper
200 100
173 29.7 5.5 45.5
215 43.0 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

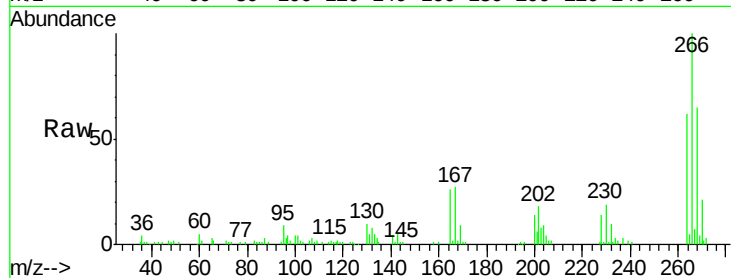




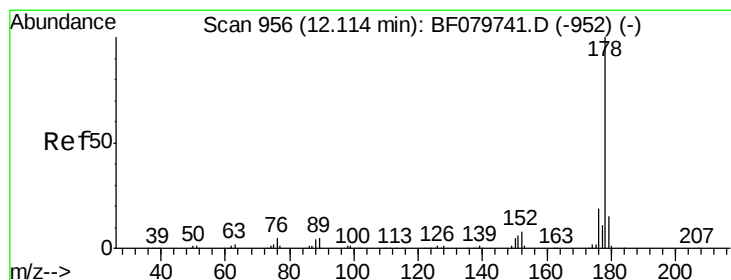
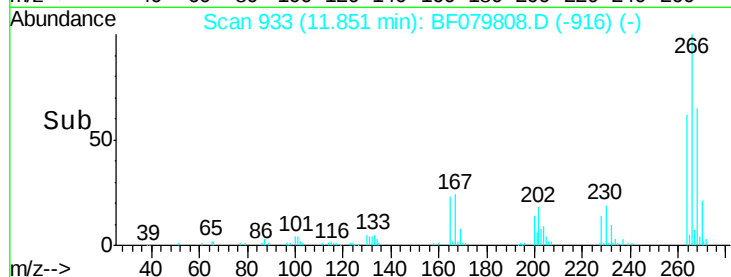
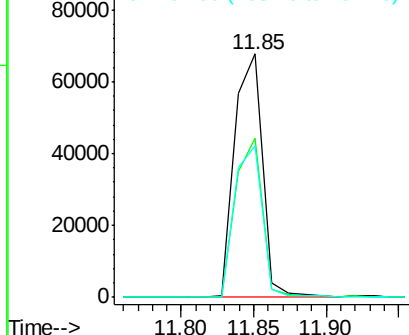
#69
 Pentachlorophenol
 Concen: 70.89 ng
 RT: 11.85 min Scan# 933
 Delta R.T. 0.00 min
 Lab File: BF079808.D
 Acq: 7 Jun 2015 12:01

Instrument :
 BNA_F
 ClientSampleId :
 FS-039MS

Tgt Ion:266 Resp: 90047
 Ion Ratio Lower Upper
 266 100
 268 65.5 50.4 75.6
 264 62.0 51.3 76.9

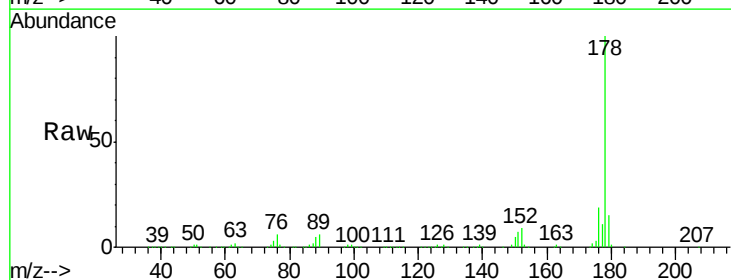


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

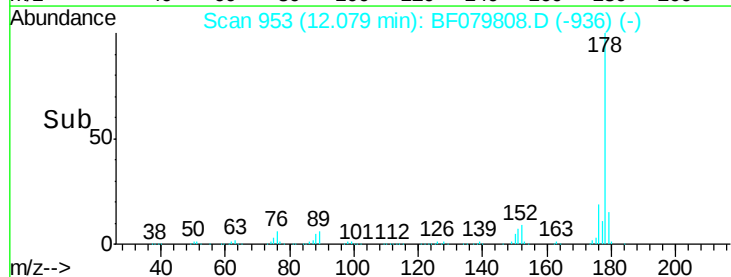
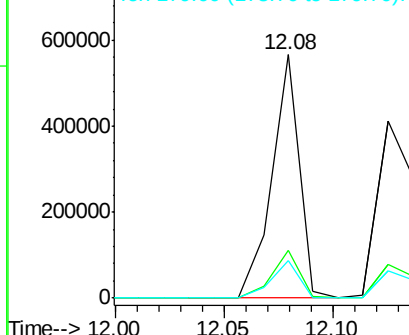


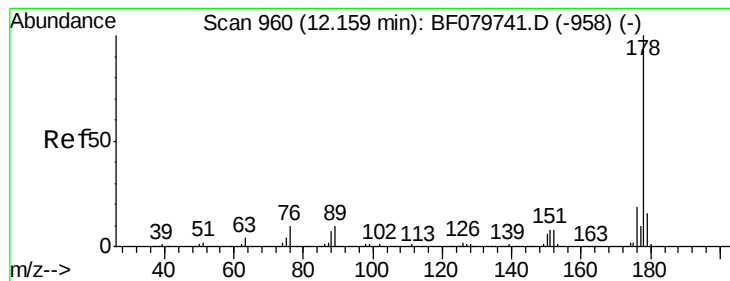
#70
 Phenanthrene
 Concen: 41.10 ng
 RT: 12.08 min Scan# 953
 Delta R.T. 0.00 min
 Lab File: BF079808.D
 Acq: 7 Jun 2015 12:01

Tgt Ion:178 Resp: 502125
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.2 24.4
 179 15.3 12.6 19.0



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





#71

Anthracene

Concen: 40.13 ng

RT: 12.13 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF079808.D

Acq: 7 Jun 2015 12:01

Instrument :

BNA_F

ClientSampleId :

FS-039MS

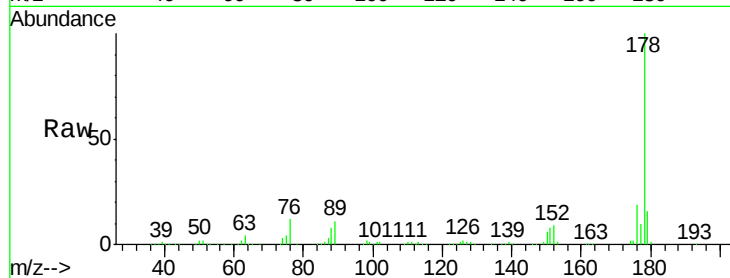
Tgt Ion:178 Resp: 483543

Ion Ratio Lower Upper

178 100

176 18.9 14.8 22.2

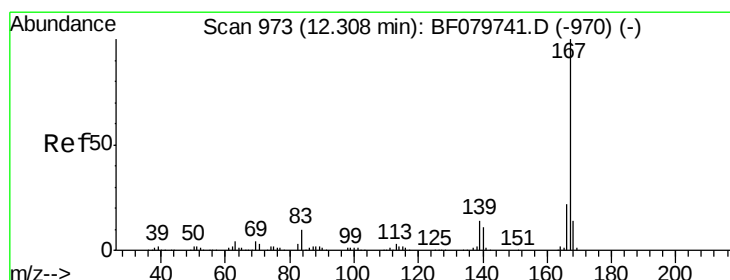
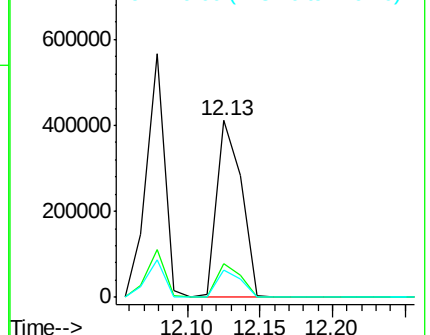
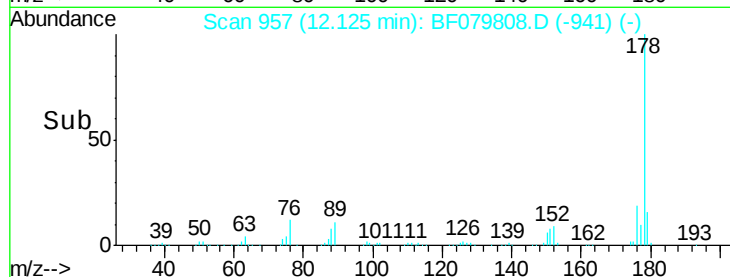
179 15.6 12.2 18.2



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: 38.08 ng

RT: 12.27 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF079808.D

Acq: 7 Jun 2015 12:01

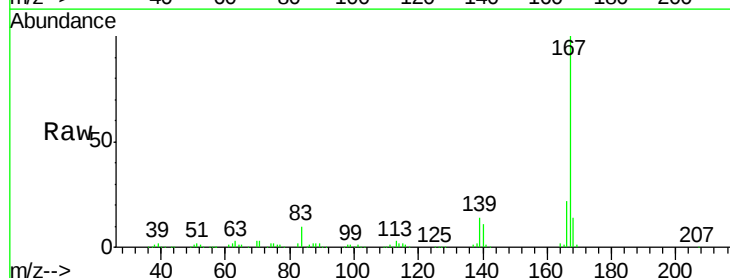
Tgt Ion:167 Resp: 436011

Ion Ratio Lower Upper

167 100

166 21.8 17.7 26.5

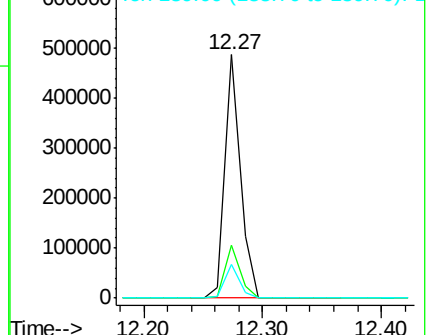
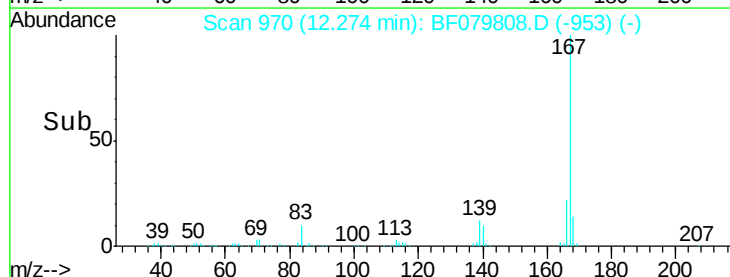
139 13.6 9.3 13.9

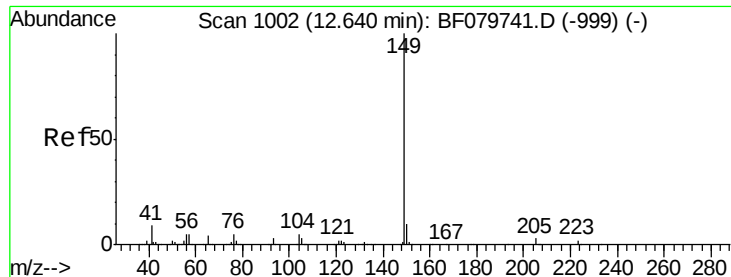


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.55 ng

RT: 12.59 min Scan# 998

Delta R.T. 0.00 min

Lab File: BF079808.D

Acq: 7 Jun 2015 12:01

Instrument :

BNA_F

ClientSampleId :

FS-039MS

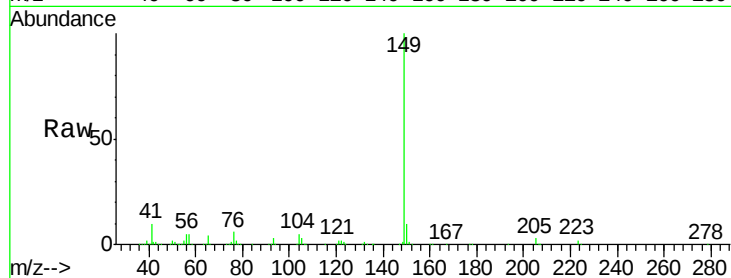
Tgt Ion:149 Resp: 500441

Ion Ratio Lower Upper

149 100

150 9.5 9.8 14.8#

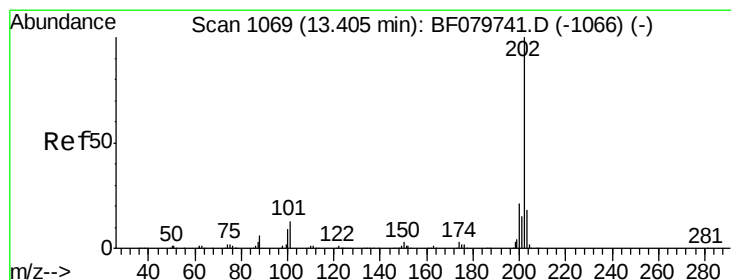
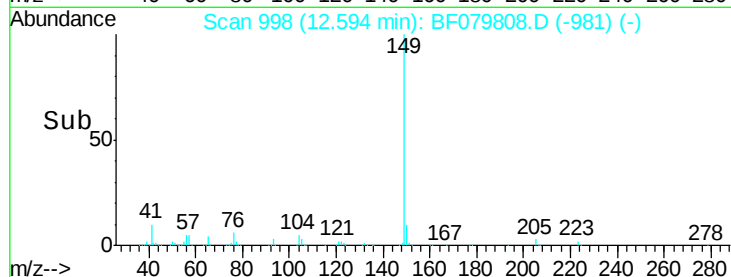
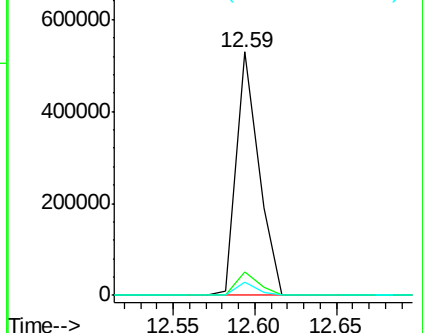
104 5.3 12.9 19.3#



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: 38.86 ng

RT: 13.34 min Scan# 1063

Delta R.T. 0.01 min

Lab File: BF079808.D

Acq: 7 Jun 2015 12:01

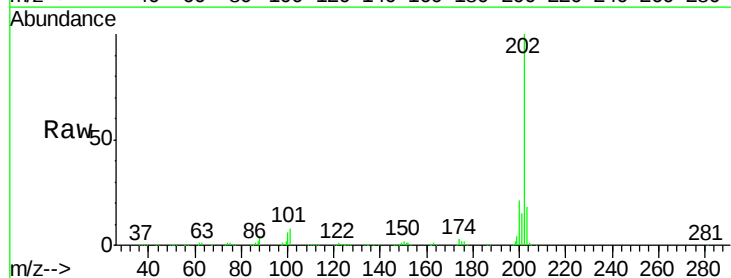
Tgt Ion:202 Resp: 519867

Ion Ratio Lower Upper

202 100

101 8.2 0.0 31.3

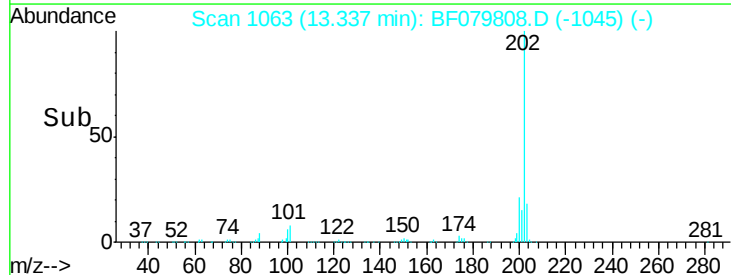
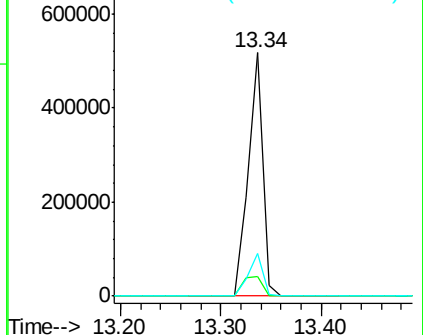
203 17.6 0.0 38.4

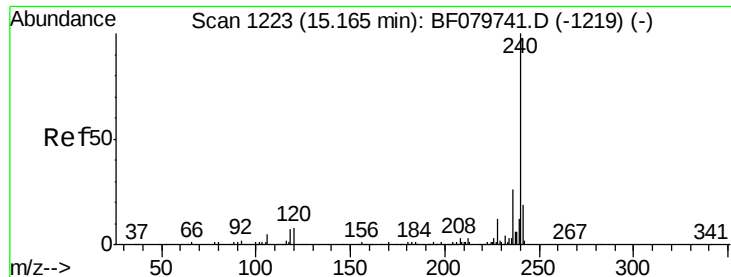


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.99 min Scan# 1208

Delta R.T. 0.01 min

Lab File: BF079808.D

Acq: 7 Jun 2015 12:01

Instrument :

BNA_F

ClientSampleId :

FS-039MS

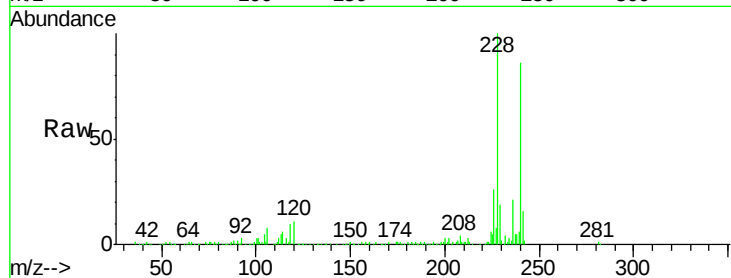
Tgt Ion:240 Resp: 217794

Ion Ratio Lower Upper

240 100

120 12.5 6.2 9.2#

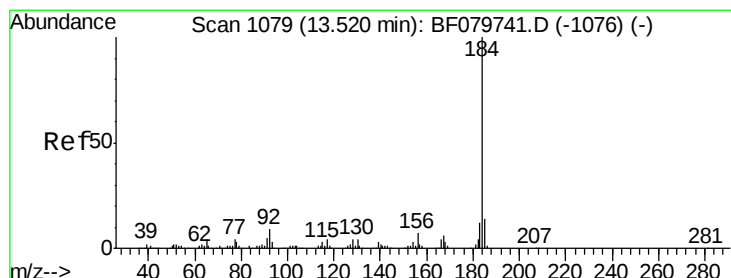
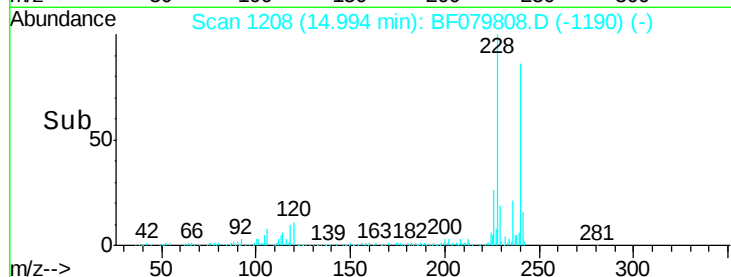
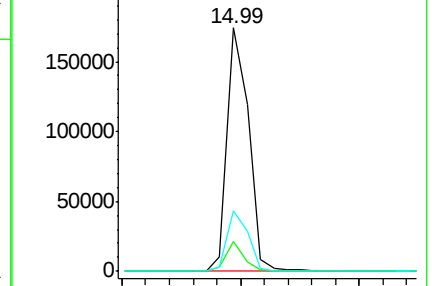
236 24.8 21.0 31.4



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: 25.97 ng

RT: 13.44 min Scan# 1072

Delta R.T. 0.00 min

Lab File: BF079808.D

Acq: 7 Jun 2015 12:01

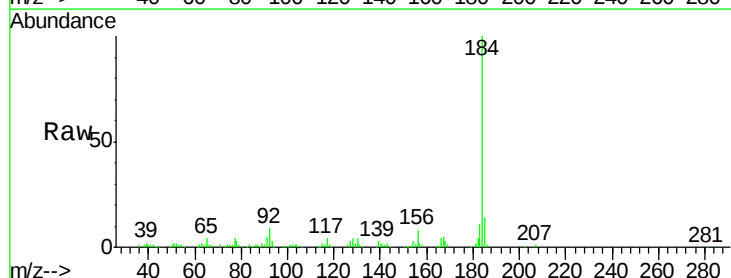
Tgt Ion:184 Resp: 178511

Ion Ratio Lower Upper

184 100

185 13.9 12.2 18.2

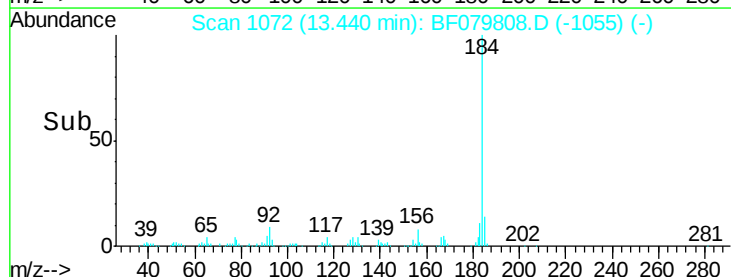
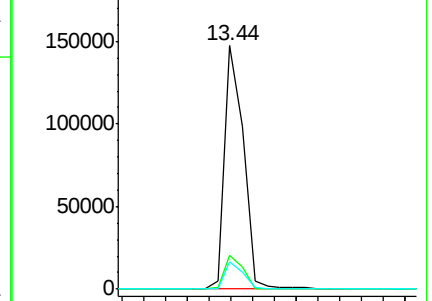
183 11.1 9.3 13.9

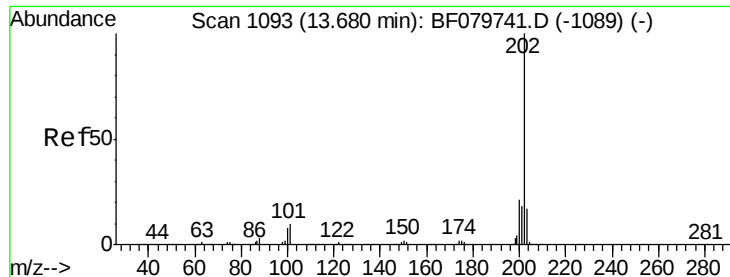


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

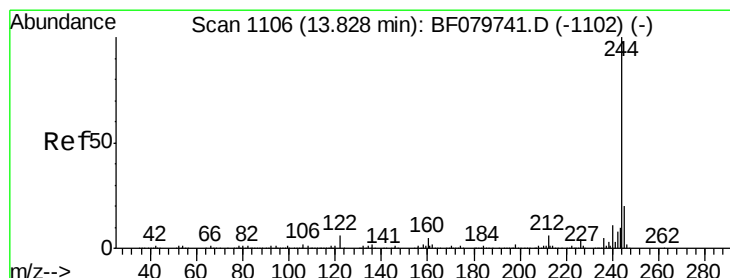
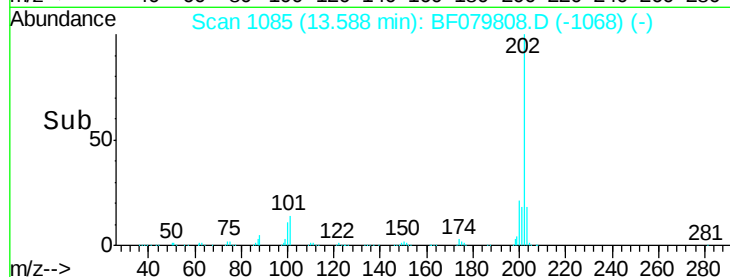
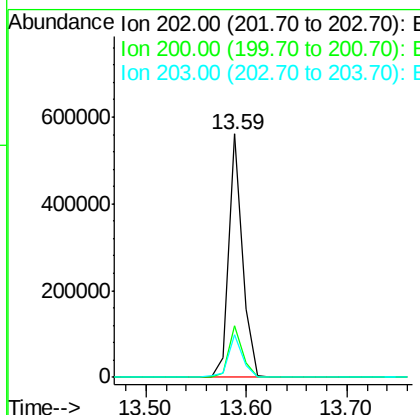
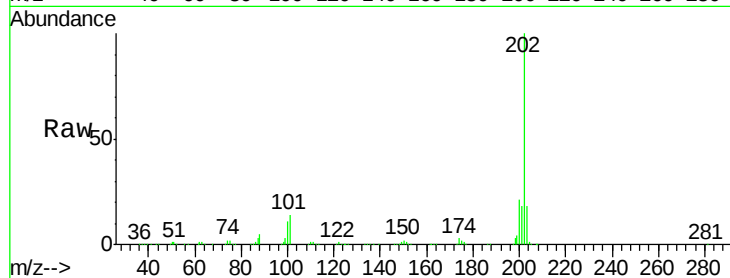




#77
 Pyrene
 Concen: 39.66 ng
 RT: 13.59 min Scan# 1085
 Delta R.T. 0.00 min
 Lab File: BF079808.D
 Acq: 7 Jun 2015 12:01

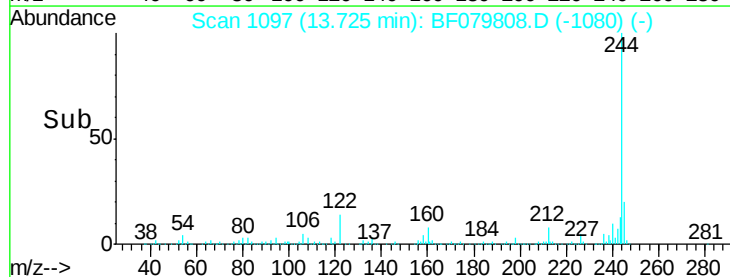
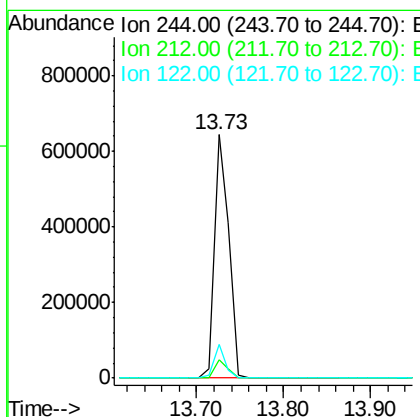
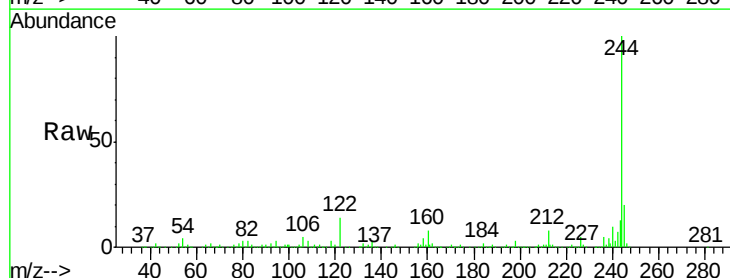
Instrument :
 BNA_F
 ClientSampleId :
 FS-039MS

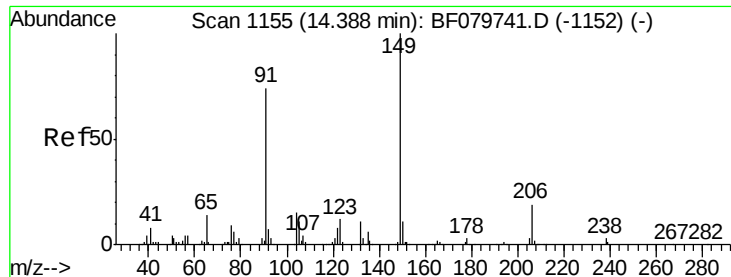
Tgt Ion: 202 Resp: 529574
 Ion Ratio Lower Upper
 202 100
 200 21.2 17.5 26.3
 203 17.6 14.8 22.2



#78
 Terphenyl-d14
 Concen: 78.91 ng
 RT: 13.73 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF079808.D
 Acq: 7 Jun 2015 12:01

Tgt Ion: 244 Resp: 750402
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 14.0 9.3 13.9#





#79

Butylbenzylphthalate

Concen: 39.28 ng

RT: 14.26 min Scan# 1144

Delta R.T. 0.01 min

Lab File: BF079808.D

Acq: 7 Jun 2015 12:01

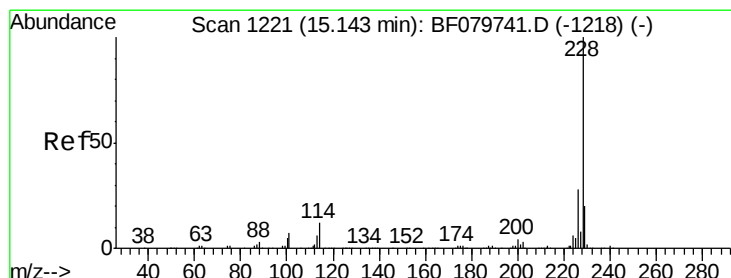
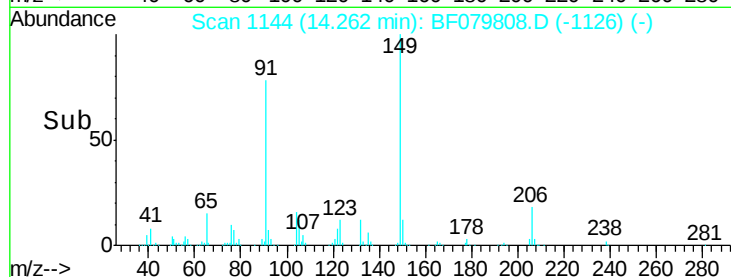
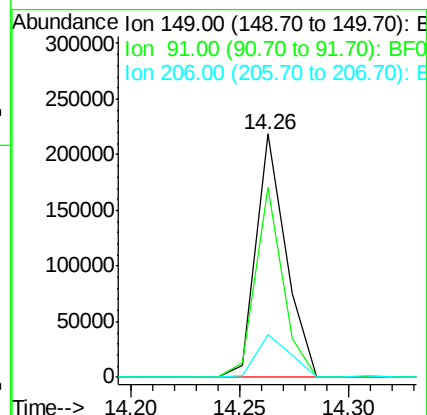
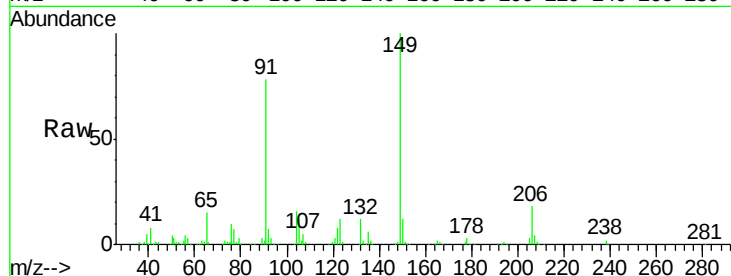
Instrument :

BNA_F

ClientSampleId :

FS-039MS

Tgt Ion:	149	Resp:	209112
Ion Ratio	Lower	Upper	
149	100		
91	77.9	64.4	96.6
206	17.7	14.8	22.2



#80

Benzo(a)anthracene

Concen: 36.78 ng

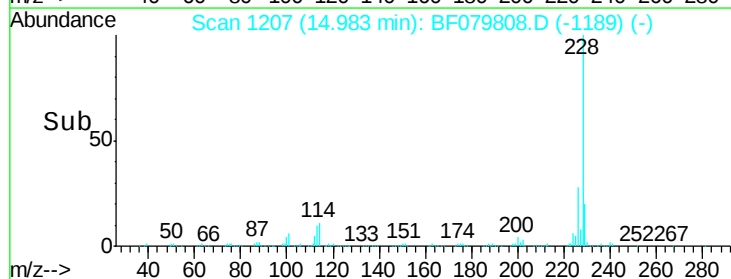
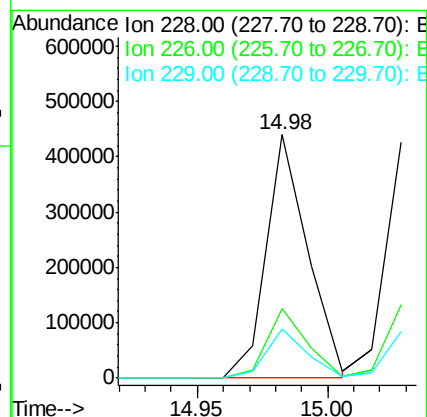
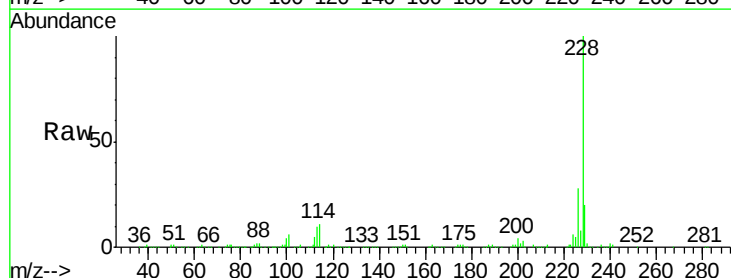
RT: 14.98 min Scan# 1207

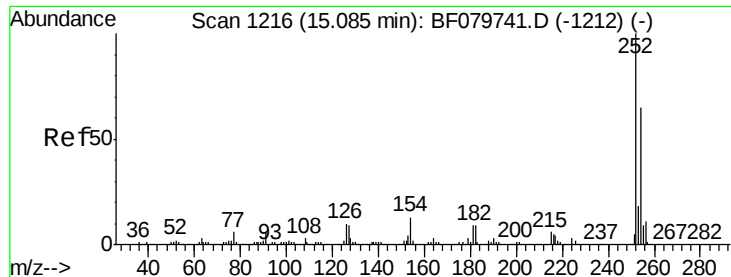
Delta R.T. 0.01 min

Lab File: BF079808.D

Acq: 7 Jun 2015 12:01

Tgt Ion:	228	Resp:	490421
Ion Ratio	Lower	Upper	
228	100		
226	28.3	22.2	33.4
229	20.1	16.6	25.0

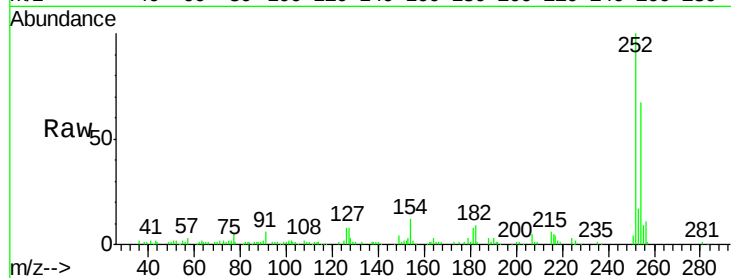




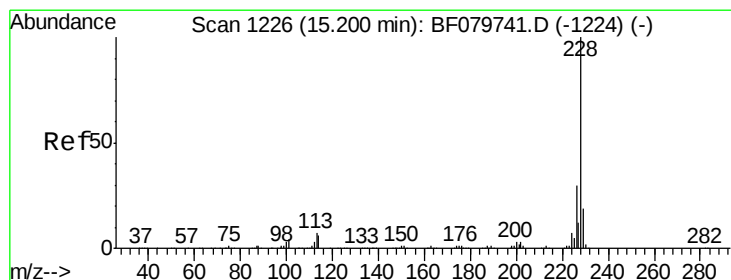
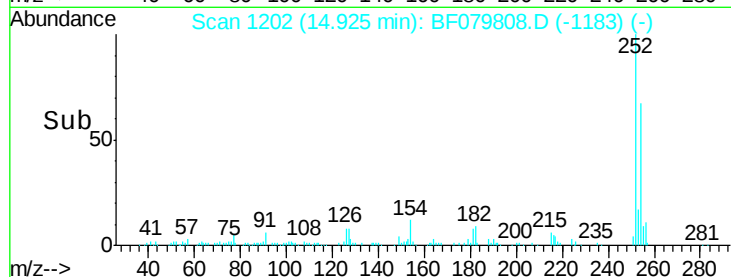
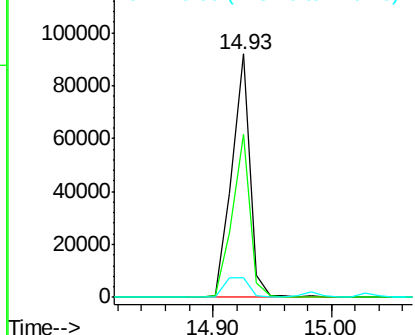
#81
 3,3'-Dichlorobenzidine
 Concen: 21.52 ng
 RT: 14.93 min Scan# 1202
 Delta R.T. 0.02 min
 Lab File: BF079808.D
 Acq: 7 Jun 2015 12:01

Instrument :
 BNA_F
 ClientSampleId :
 FS-039MS

Tgt Ion:252 Resp: 97469
 Ion Ratio Lower Upper
 252 100
 254 66.8 52.0 78.0
 126 8.2 6.9 10.3

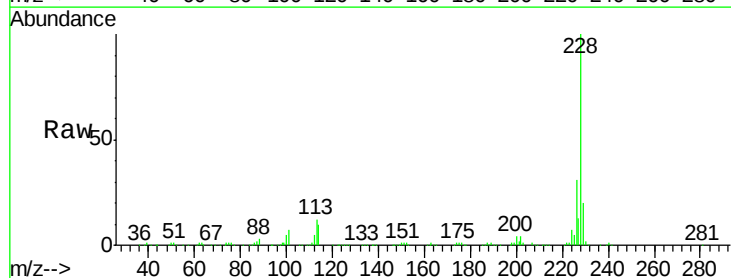


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

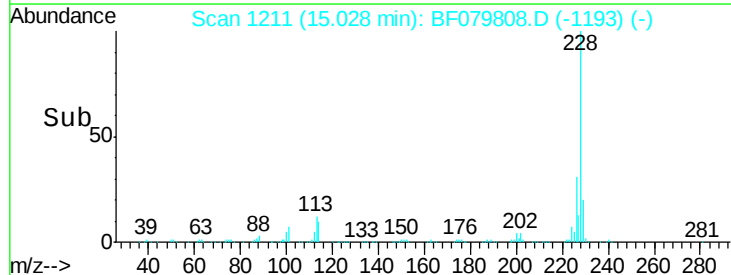
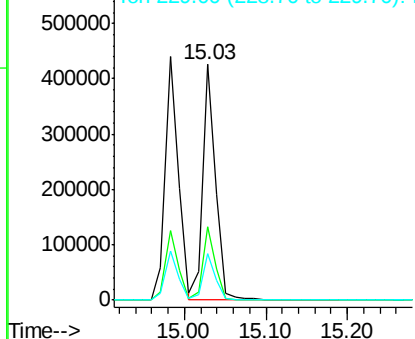


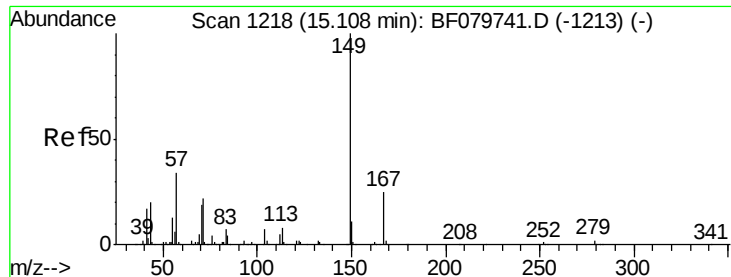
#82
 Chrysene
 Concen: 38.62 ng
 RT: 15.03 min Scan# 1211
 Delta R.T. 0.01 min
 Lab File: BF079808.D
 Acq: 7 Jun 2015 12:01

Tgt Ion:228 Resp: 475972
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.2 37.8
 229 19.7 16.2 24.4



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

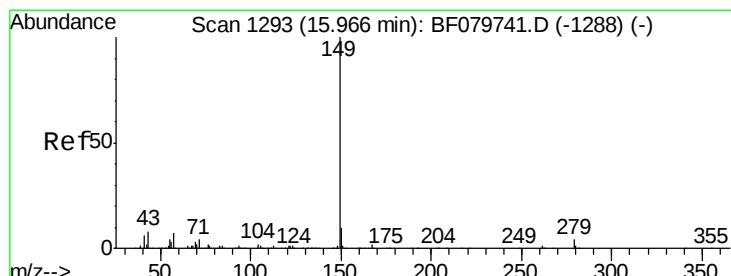
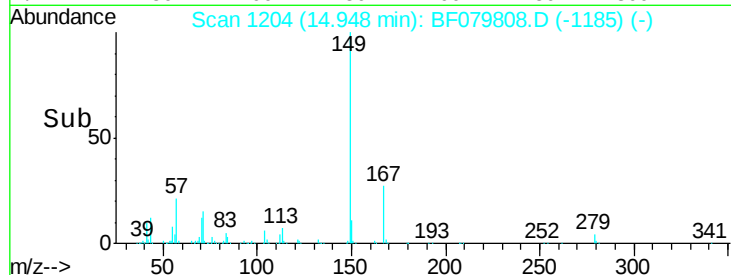
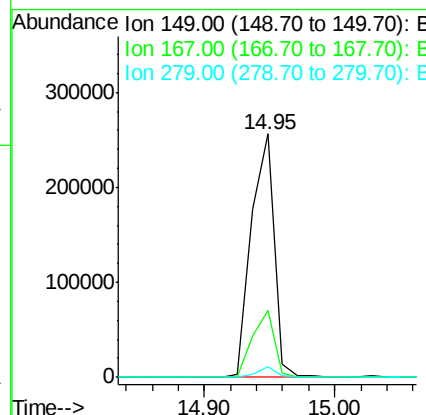
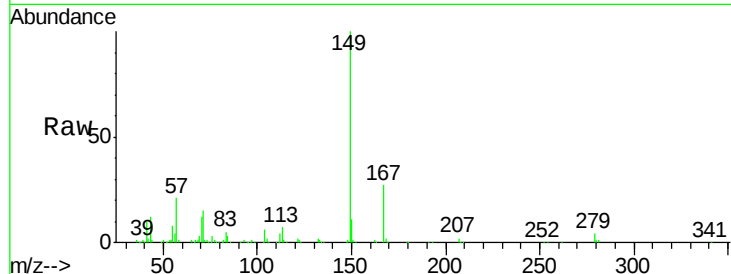




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.09 ng
 RT: 14.95 min Scan# 1204
 Delta R.T. 0.02 min
 Lab File: BF079808.D
 Acq: 7 Jun 2015 12:01

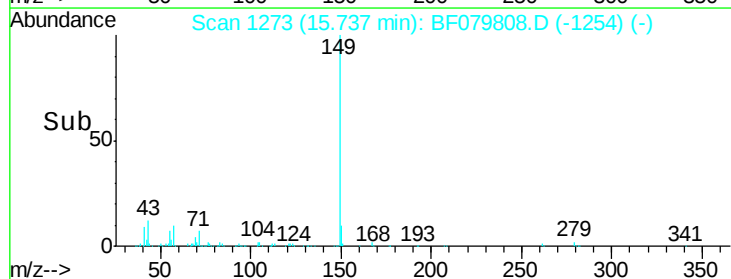
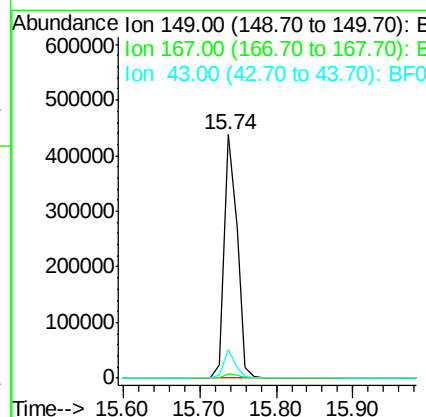
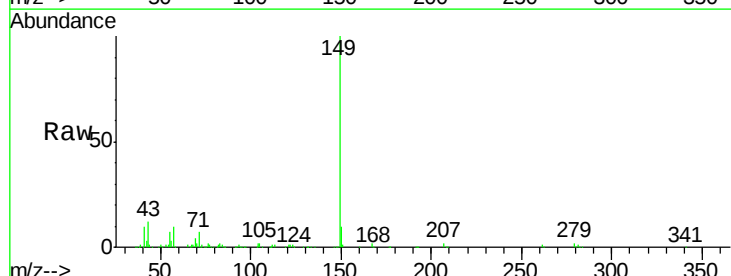
Instrument :
 BNA_F
 ClientSampleId :
 FS-039MS

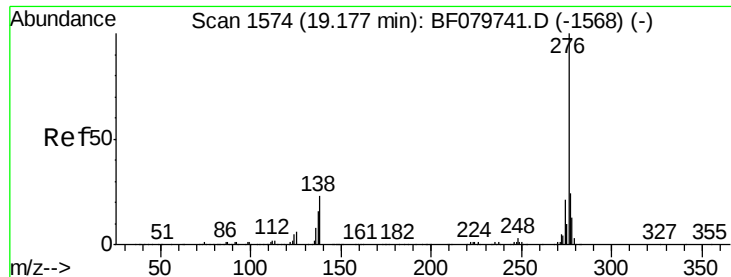
Tgt Ion:149 Resp: 311966
 Ion Ratio Lower Upper
 149 100
 167 27.4 20.9 31.3
 279 4.3 2.2 3.2#



#84
 Di-n-octyl phthalate
 Concen: 35.32 ng
 RT: 15.74 min Scan# 1273
 Delta R.T. 0.02 min
 Lab File: BF079808.D
 Acq: 7 Jun 2015 12:01

Tgt Ion:149 Resp: 523160
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 10.0 9.0 13.4

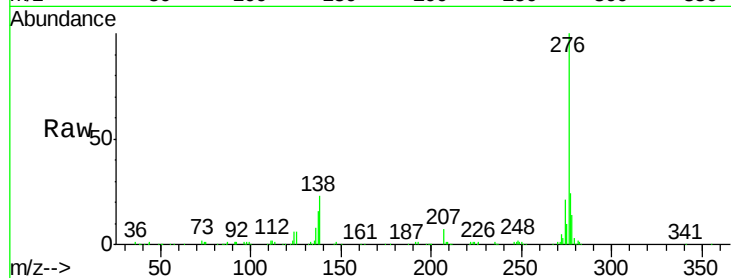




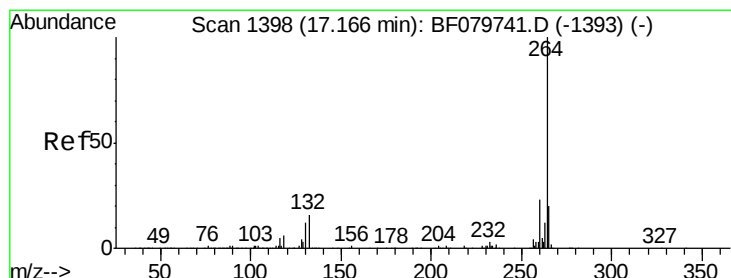
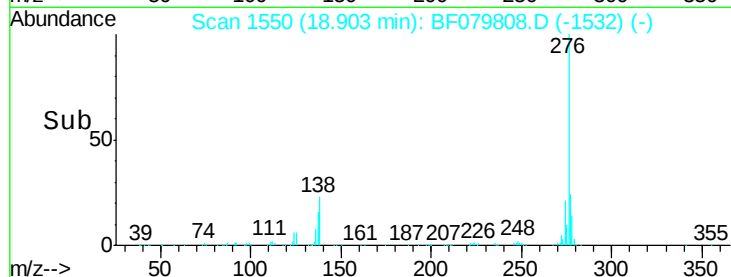
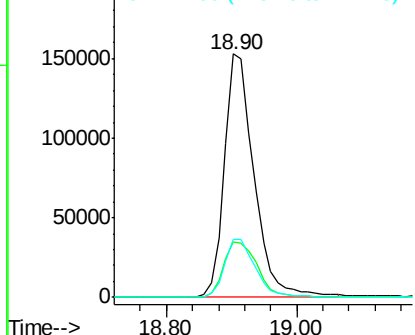
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.82 ng
 RT: 18.90 min Scan# 1550
 Delta R.T. 0.01 min
 Lab File: BF079808.D
 Acq: 7 Jun 2015 12:01

Instrument :
 BNA_F
 ClientSampleId :
 FS-039MS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.2	20.8	31.2
277	25.1	20.0	30.0

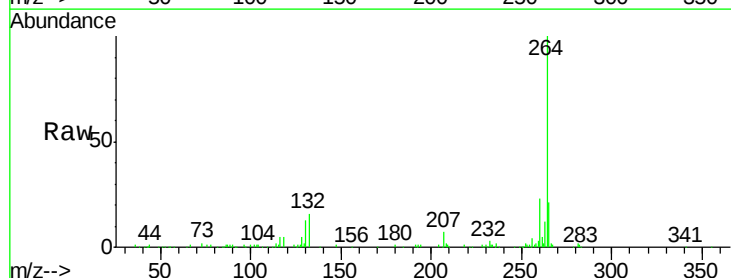


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

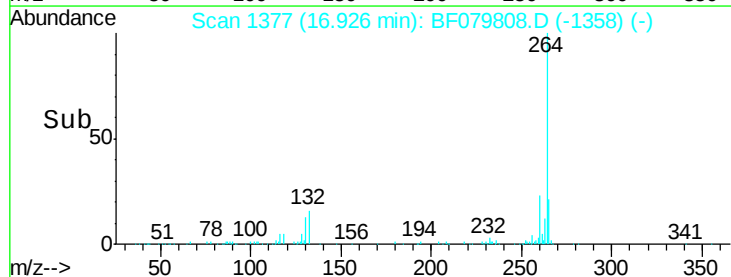
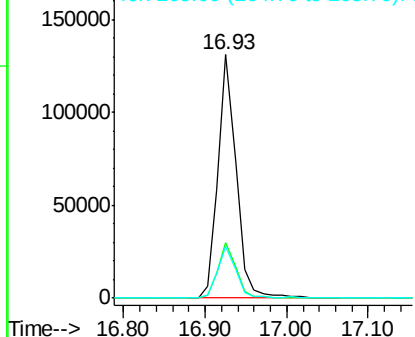


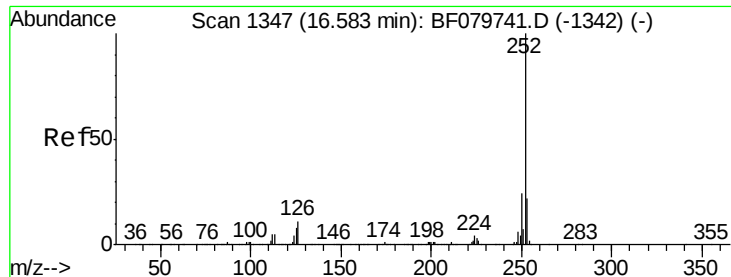
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.93 min Scan# 1377
 Delta R.T. 0.02 min
 Lab File: BF079808.D
 Acq: 7 Jun 2015 12:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.6	27.8
265	21.2	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

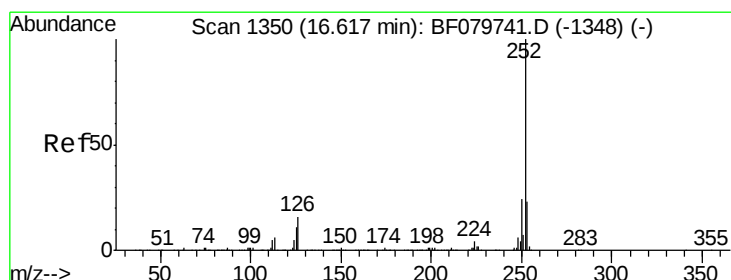
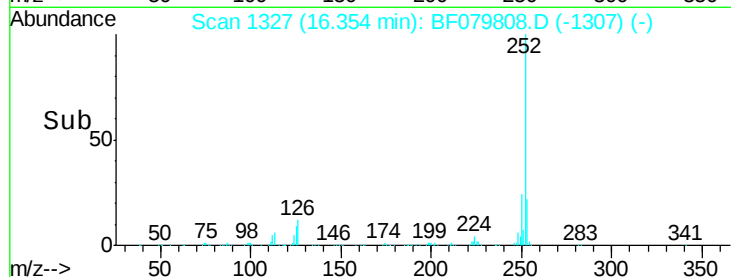
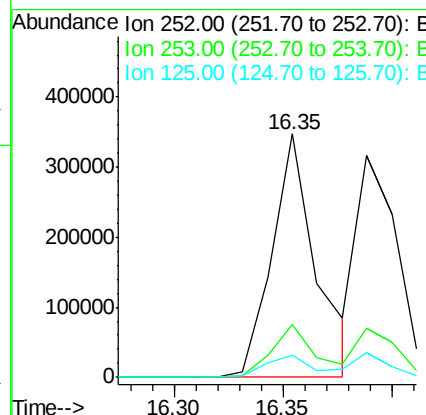
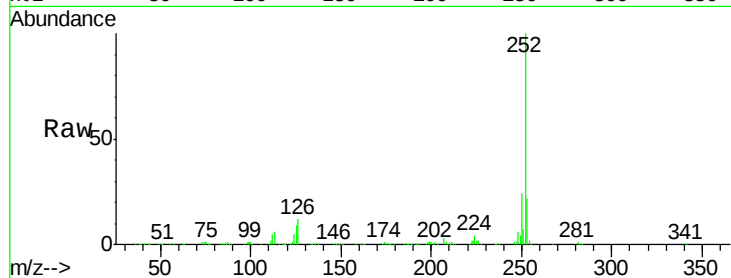




#87
Benzo(b)fluoranthene
Concen: 39.04 ng
RT: 16.35 min Scan# 1327
Delta R.T. 0.02 min
Lab File: BF079808.D
Acq: 7 Jun 2015 12:01

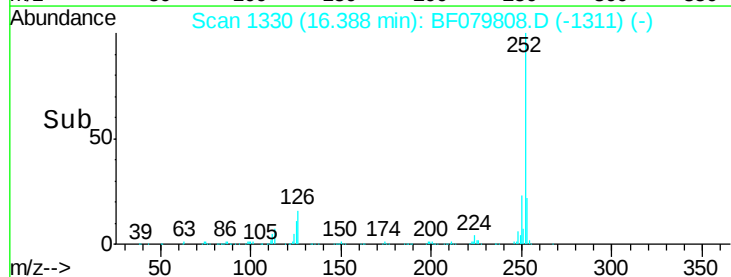
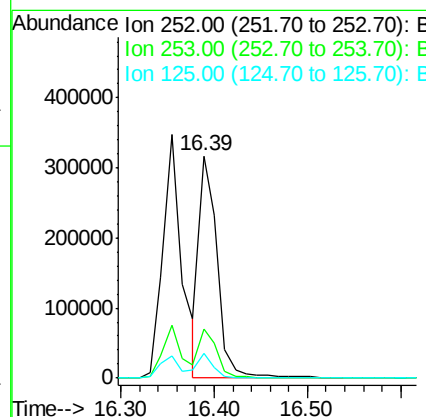
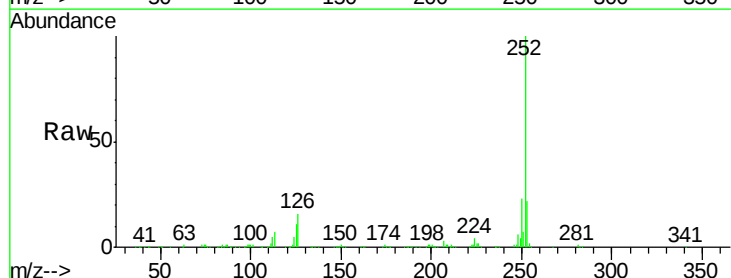
Instrument :
BNA_F
ClientSampleId :
FS-039MS

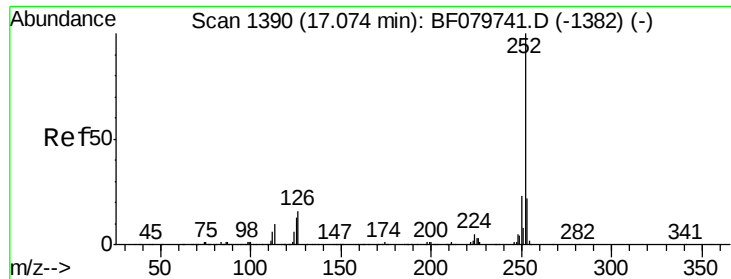
Tgt Ion:252 Resp: 492388
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 8.9 6.5 9.7



#88
Benzo(k)fluoranthene
Concen: 35.18 ng
RT: 16.39 min Scan# 1330
Delta R.T. 0.02 min
Lab File: BF079808.D
Acq: 7 Jun 2015 12:01

Tgt Ion:252 Resp: 425569
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 11.1 8.4 12.6





#89

Benzo(a)pyrene

Concen: 38.07 ng

RT: 16.85 min Scan# 1370

Delta R.T. 0.02 min

Lab File: BF079808.D

Acq: 7 Jun 2015 12:01

Instrument :

BNA_F

ClientSampleId :

FS-039MS

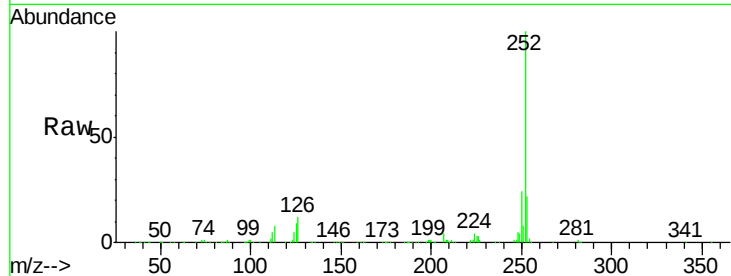
Tgt Ion: 252 Resp: 443249

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

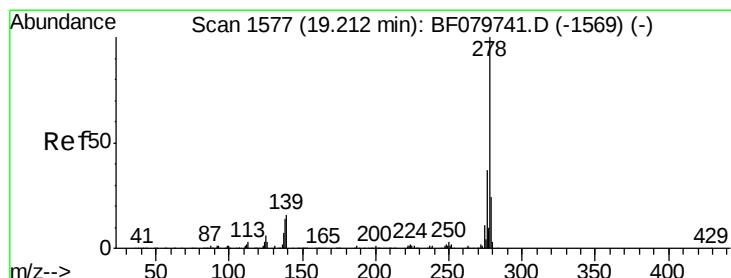
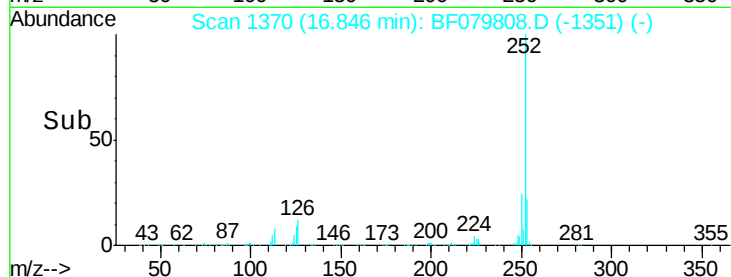
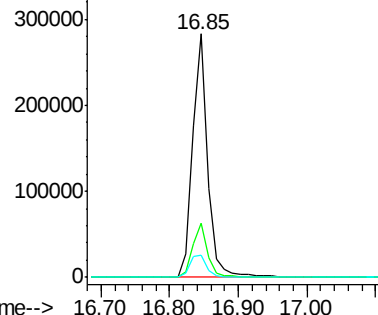
125 9.2 7.4 11.0



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: 35.38 ng

RT: 18.94 min Scan# 1553

Delta R.T. 0.02 min

Lab File: BF079808.D

Acq: 7 Jun 2015 12:01

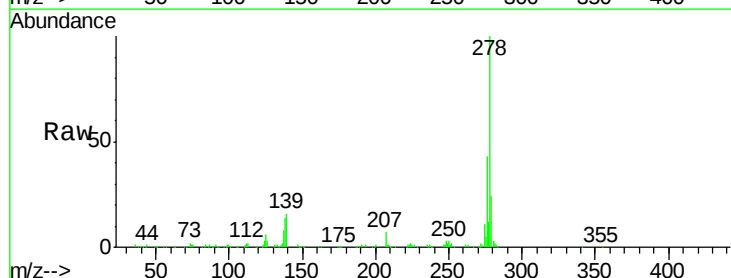
Tgt Ion: 278 Resp: 397579

Ion Ratio Lower Upper

278 100

139 16.0 12.7 19.1

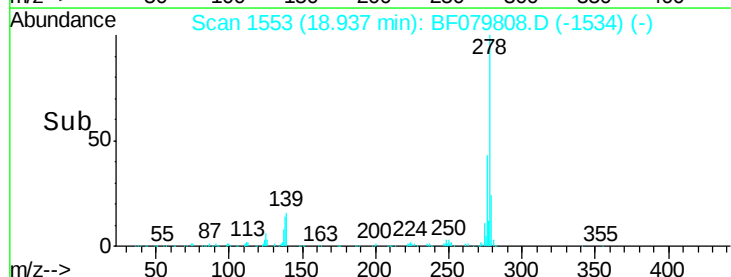
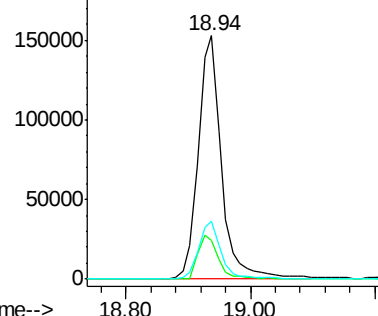
279 23.7 19.4 29.2

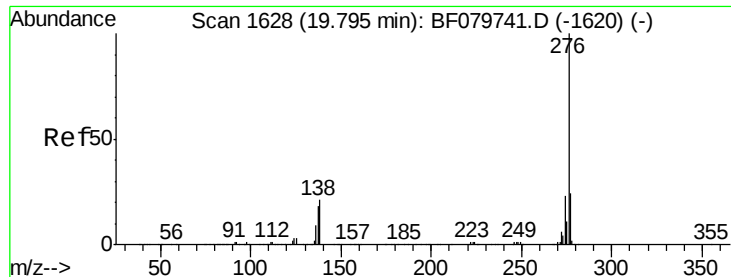


Abundance Ion 278.00 (277.70 to 278.70): E

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: 35.65 ng

RT: 19.51 min Scan# 1603

Delta R.T. 0.02 min

Lab File: BF079808.D

Acq: 7 Jun 2015 12:01

Instrument :

BNA_F

ClientSampleId :

FS-039MS

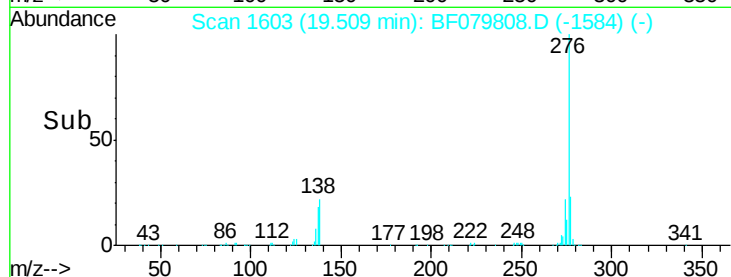
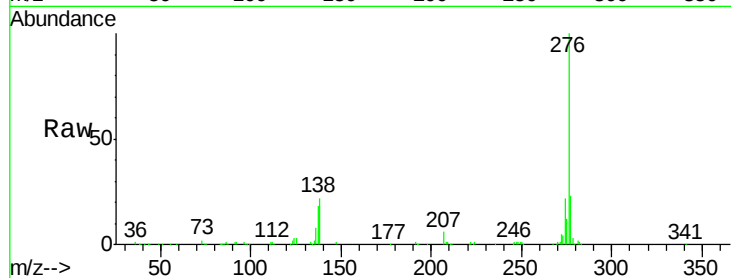
Tgt Ion:276 Resp: 414110

Ion Ratio Lower Upper

276 100

277 23.0 18.8 28.2

138 21.8 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

