

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051915\
 Data File : BF079359.D
 Acq On : 20 May 2015 1:36
 Operator : TP/IZ
 Sample : G2270-02MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-20MSD

Quant Time: May 20 04:30:57 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 19 13:22:43 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	41693	20.00	ng	0.00
21) Naphthalene-d8	8.71	136	174499	20.00	ng	0.00
38) Acenaphthene-d10	10.87	164	88225	20.00	ng	-0.01
63) Phenanthrene-d10	12.71	188	170386	20.00	ng	-0.01
75) Chrysene-d12	16.00	240	176754	20.00	ng	-0.02
86) Perylene-d12	17.69	264	188045	20.00	ng	-0.13

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	350375	144.66	ng	0.00
7) Phenol-d6	6.70	99	458965	143.36	ng	-0.01
23) Nitrobenzene-d5	7.83	82	269215	88.67	ng	0.00
41) 2,4,6-Tribromophenol	11.85	330	130212	136.43	ng	-0.01
44) 2-Fluorobiphenyl	10.06	172	500757	79.08	ng	0.00
78) Terphenyl-d14	14.71	244	560278	75.89	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Aniline	6.72	93	98395	21.77	ng	# 2
8) 2-Chlorophenol	6.86	128	123282	44.88	ng	93
9) Benzaldehyde	6.57	77	37999	17.62	ng	95
10) Phenol	6.72	94	160996	43.35	ng	80
11) bis(2-Chloroethyl)ether	6.82	93	117065	43.00	ng	94
12) 1,3-Dichlorobenzene	7.05	146	127276	41.22	ng	97
13) 1,4-Dichlorobenzene	7.15	146	126307	39.75	ng	96
14) 1,2-Dichlorobenzene	7.34	146	122048	41.26	ng	95
15) Benzyl Alcohol	7.31	79	95552	40.20	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.50	45	171771	41.24	ng	96
17) 2-Methylphenol	7.46	107	97506	44.11	ng	95
18) Hexachloroethane	7.75	117	44248	40.43	ng	98
19) n-Nitroso-di-n-propylamine	7.64	70	86838	40.16	ng	95
20) 3+4-Methylphenols	7.66	107	131722	44.72	ng	# 47
22) Acetophenone	7.64	105	172177	43.67	ng	# 81
24) Nitrobenzene	7.85	77	123608	41.07	ng	# 77
25) Isophorone	8.15	82	237877	42.26	ng	99
26) 2-Nitrophenol	8.24	139	60253	48.37	ng	97
27) 2,4-Dimethylphenol	8.31	122	112728	45.22	ng	97
28) bis(2-Chloroethoxy)methane	8.43	93	147069	42.38	ng	99
29) 2,4-Dichlorophenol	8.54	162	103552	46.72	ng	96
30) 1,2,4-Trichlorobenzene	8.64	180	101928	41.86	ng	98
31) Naphthalene	8.73	128	361025	43.42	ng	99
32) Benzoic acid	8.42	122	38805	27.90	ng	98
33) 4-Chloroaniline	8.81	127	88934	25.28	ng	# 91
34) Hexachlorobutadiene	8.89	225	51670	36.85	ng	99
35) Caprolactam	9.23	113	29573	41.26	ng	92
36) 4-Chloro-3-methylphenol	9.42	107	103474	44.45	ng	86
37) 2-Methylnaphthalene	9.59	142	243641	42.29	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.79	216	97178	39.11	ng	98
40) Hexachlorocyclopentadiene	9.78	237	67108	53.71	ng	99
42) 2,4,6-Trichlorophenol	9.94	196	69865	40.90	ng	97
43) 2,4,5-Trichlorophenol	9.99	196	71272	41.27	ng	# 87
45) 1,1'-Biphenyl	10.17	154	288599	41.15	ng	98

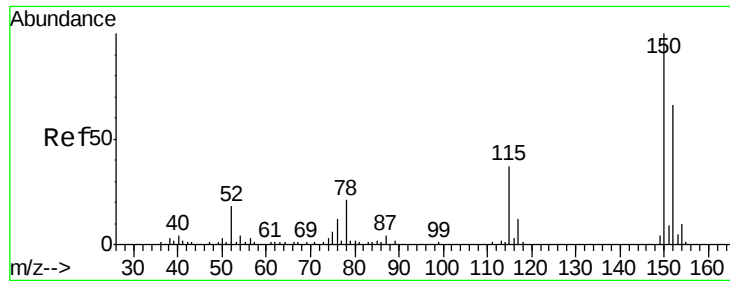
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2-Chloronaphthalene	10.19	162	221429	40.47	ng	# 91
47) 2-Nitroaniline	10.32	65	63224	39.89	ng	95
48) Acenaphthylene	10.70	152	355651	39.59	ng	98
49) Dimethylphthalate	10.56	163	305516	47.18	ng	99
50) 2,6-Dinitrotoluene	10.64	165	56749	44.41	ng	94
51) Acenaphthene	10.91	154	207837	38.80	ng	99
52) 3-Nitroaniline	10.83	138	54446	34.11	ng	97
53) 2,4-Dinitrophenol	10.98	184	34639	69.96	ng	# 50
54) Dibenzofuran	11.13	168	323992	41.87	ng	97
55) 4-Nitrophenol	11.06	139	100358	79.43	ng	# 75
56) 2,4-Dinitrotoluene	11.13	165	74811	44.28	ng	# 67
57) Fluorene	11.55	166	259812	40.91	ng	98
58) 2,3,4,6-Tetrachlorophenol	11.29	232	56340	39.92	ng	99
59) Diethylphthalate	11.44	149	272932	42.55	ng	99
60) 4-Chlorophenyl-phenylether	11.57	204	114609	40.68	ng	99
61) 4-Nitroaniline	11.59	138	61635	38.60	ng	98
62) Azobenzene	11.76	77	261264	41.33	ng	99
64) 4,6-Dinitro-2-methylphenol	11.63	198	30373	44.19	ng	# 52
65) n-Nitrosodiphenylamine	11.71	169	226595	39.93	ng	99
66) 4-Bromophenyl-phenylether	12.17	248	70465	39.68	ng	# 88
67) Hexachlorobenzene	12.23	284	78098	38.47	ng	# 80
68) Atrazine	12.39	200	71891	43.57	ng	98
69) Pentachlorophenol	12.48	266	75519	64.99	ng	97
70) Phenanthrene	12.74	178	367493	38.55	ng	100
71) Anthracene	12.81	178	371540	39.73	ng	100
72) Carbazole	13.02	167	380121	42.65	ng	99
73) Di-n-butylphthalate	13.47	149	458296	42.88	ng	100
74) Fluoranthene	14.22	202	395914	39.86	ng	96
76) Benzidine	14.40	184	94779	19.90	ng	96
77) Pyrene	14.22	202	395914	38.87	ng	99
79) Butylbenzylphthalate	15.33	149	192205	43.17	ng	89
80) Benzo(a)anthracene	15.99	228	386199	39.90	ng	99
81) 3,3'-Dichlorobenzidine	15.97	252	123422	35.80	ng	# 99
82) Chrysene	16.02	228	342561	36.80	ng	100
83) Bis(2-ethylhexyl)phthalate	16.05	149	303061	44.94	ng	100
84) Di-n-octyl phthalate	16.82	149	534985	45.04	ng	97
85) Indeno(1,2,3-cd)pyrene	19.06	276	448920	37.85	ng	100
87) Benzo(b)fluoranthene	17.26	252	415404	40.36	ng	100
88) Benzo(k)fluoranthene	17.26	252	415404	41.69	ng	# 95
89) Benzo(a)pyrene	17.63	252	360883	38.08	ng	99
90) Dibenzo(a,h)anthracene	19.09	278	376264	37.36	ng	98
91) Benzo(g,h,i)perylene	19.46	276	360251	35.69	ng	# 94

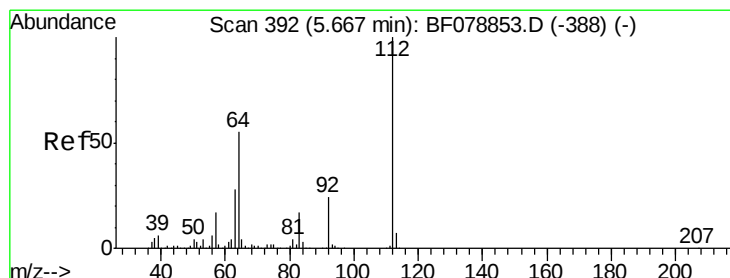
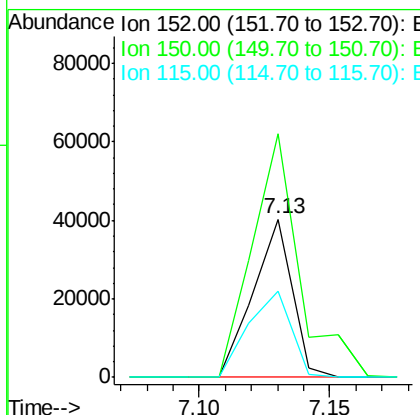
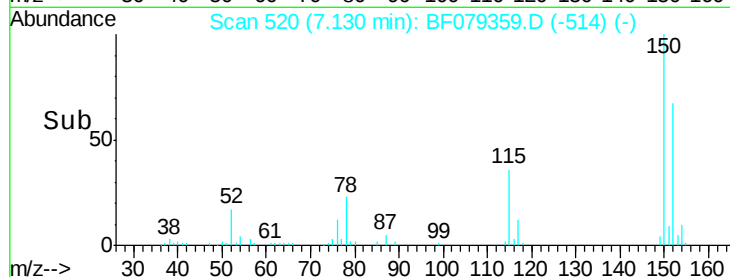
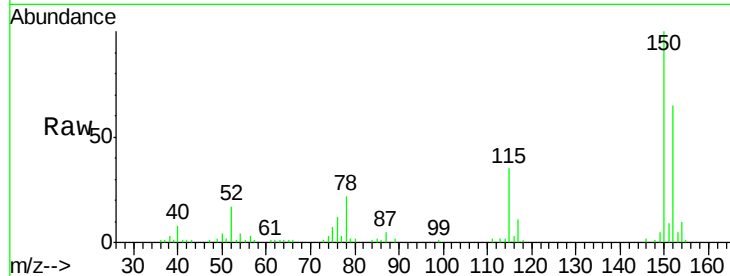
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.13 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

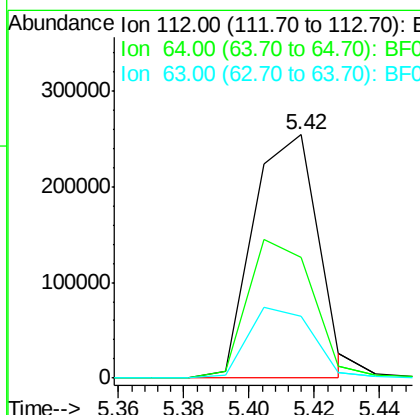
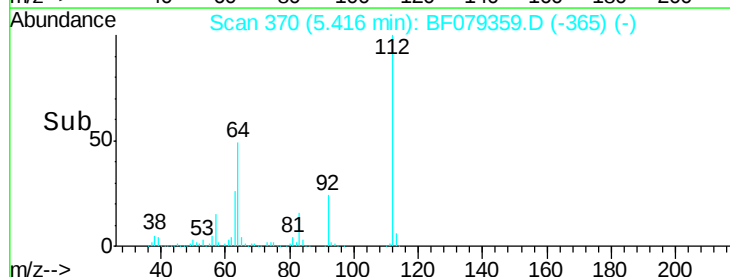
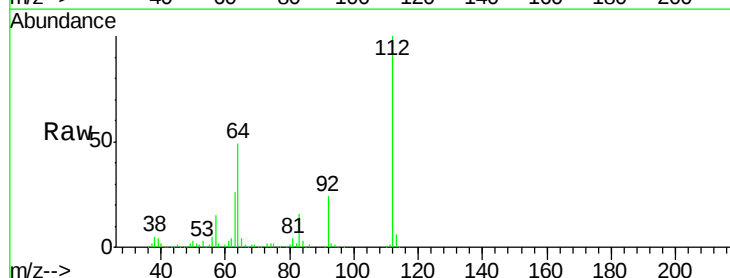
Instrument :
 BNA_F
 ClientSampleId :
 SB-20MSD

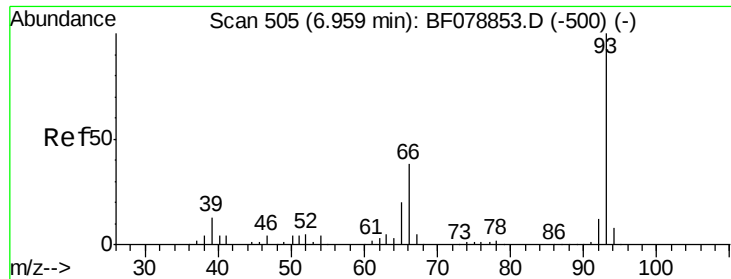
Tgt Ion:	152	Resp:	41693
Ion	Ratio	Lower	Upper
152	100		
150	154.2	123.8	185.8
115	54.5	49.4	74.0



#5
 2-Fluorophenol
 Concen: 144.66 ng
 RT: 5.42 min Scan# 370
 Delta R.T. 0.00 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

Tgt Ion:	112	Resp:	350375
Ion	Ratio	Lower	Upper
112	100		
64	49.5	44.2	66.2
63	25.5	22.7	34.1





#6

Aniline

Concen: 21.77 ng

RT: 6.72 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

Instrument :

BNA_F

ClientSampleId :

SB-20MSD

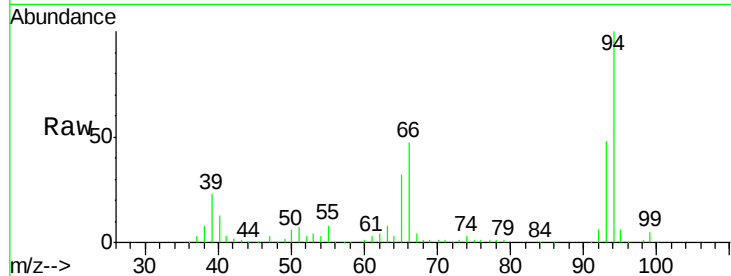
Tgt Ion: 93 Resp: 98395

Ion Ratio Lower Upper

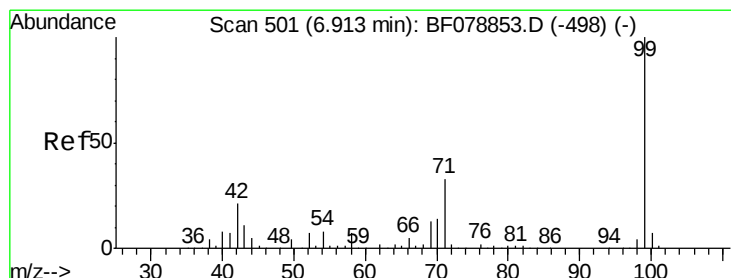
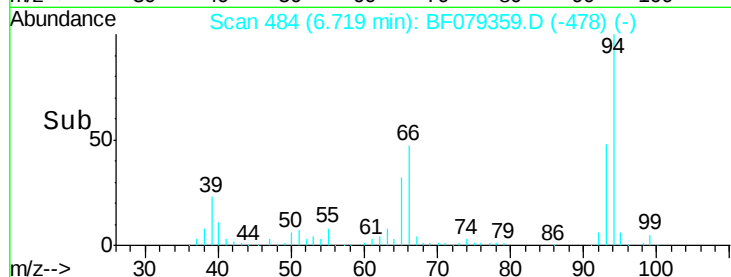
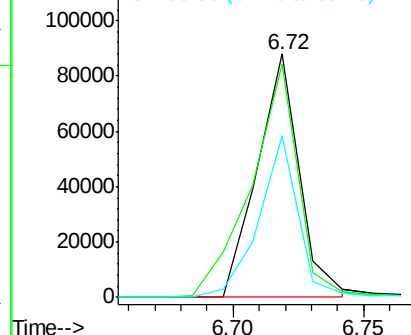
93 100

66 96.1 30.7 46.1#

65 66.6 15.8 23.8#



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: 143.36 ng

RT: 6.70 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

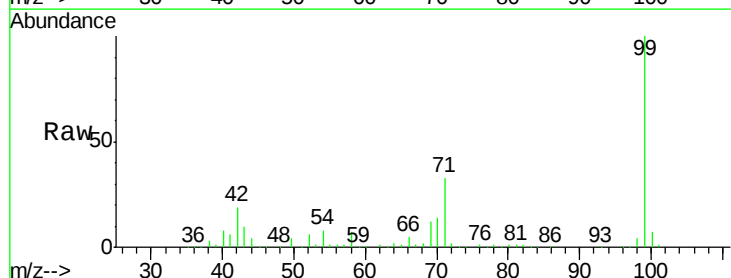
Tgt Ion: 99 Resp: 458965

Ion Ratio Lower Upper

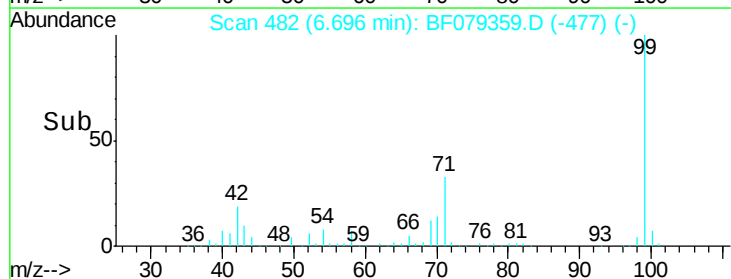
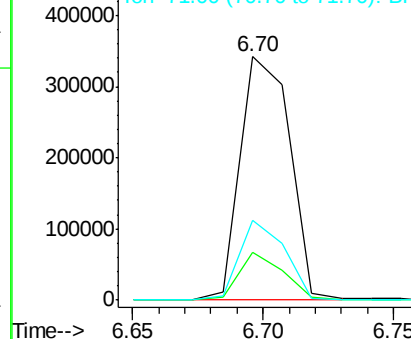
99 100

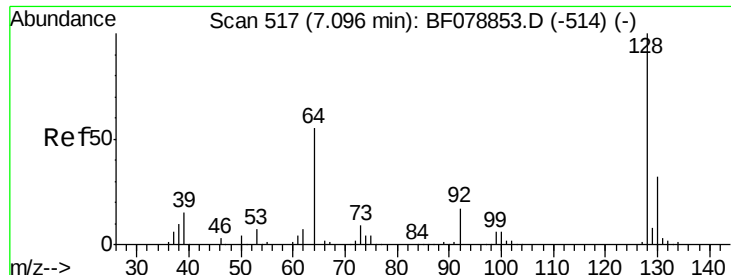
42 19.5 17.1 25.7

71 32.7 26.3 39.5



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

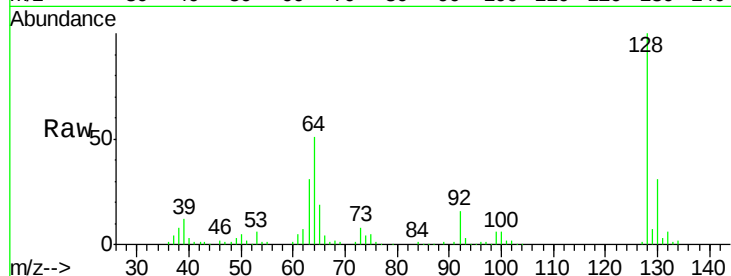




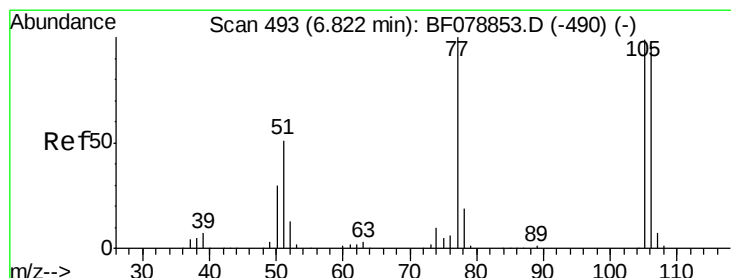
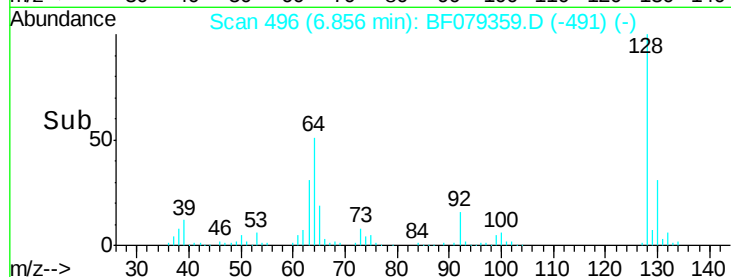
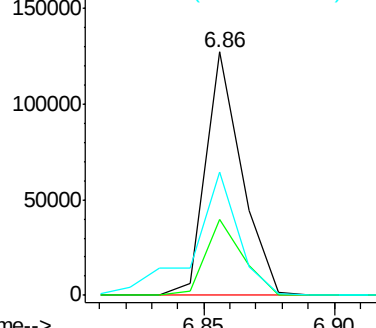
#8
 2-Chlorophenol
 Concen: 44.88 ng
 RT: 6.86 min Scan# 496
 Delta R.T. -0.01 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

Instrument :
 BNA_F
 ClientSampleId :
 SB-20MSD

Tgt Ion: 128 Resp: 123282
 Ion Ratio Lower Upper
 128 100
 130 31.1 12.4 52.4
 64 50.7 37.8 77.8

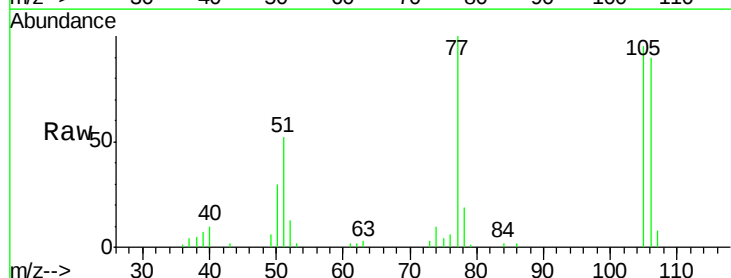


Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 64.00 (63.70 to 64.70): BF0

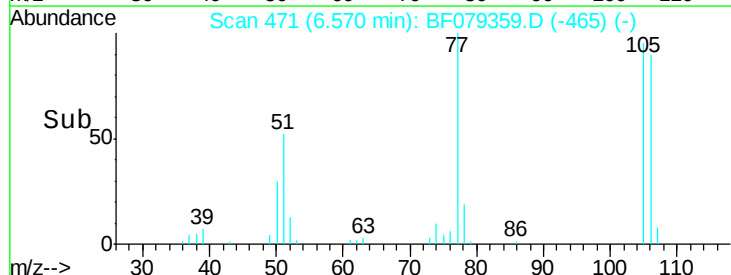
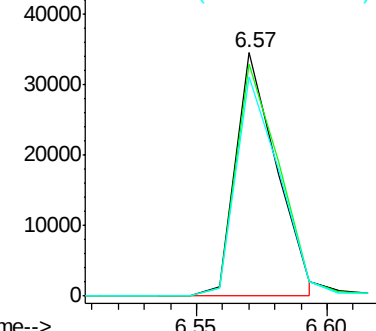


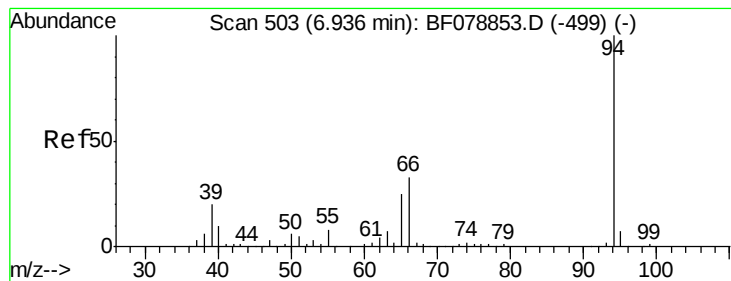
#9
 Benzaldehyde
 Concen: 17.62 ng
 RT: 6.57 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

Tgt Ion: 77 Resp: 37999
 Ion Ratio Lower Upper
 77 100
 105 95.2 78.9 118.9
 106 89.9 75.8 115.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 105.00 (104.70 to 105.70): E
 Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 43.35 ng

RT: 6.72 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

Instrument :

BNA_F

ClientSampled :

SB-20MSD

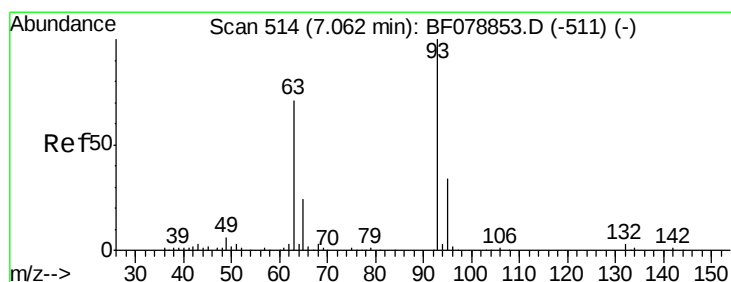
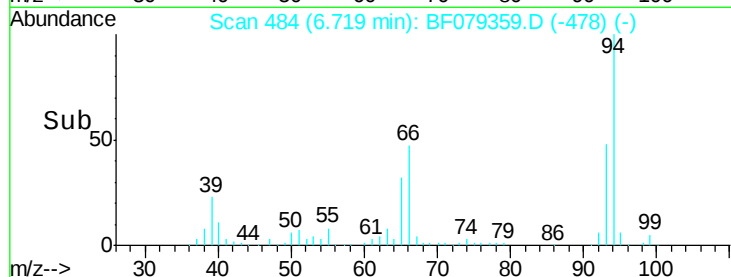
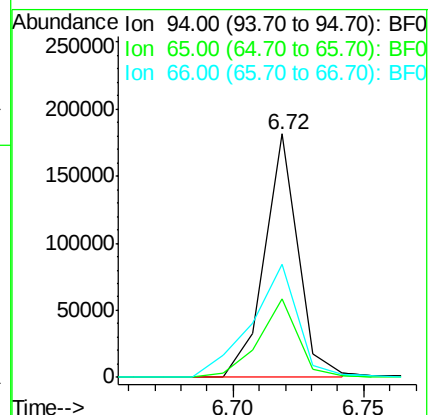
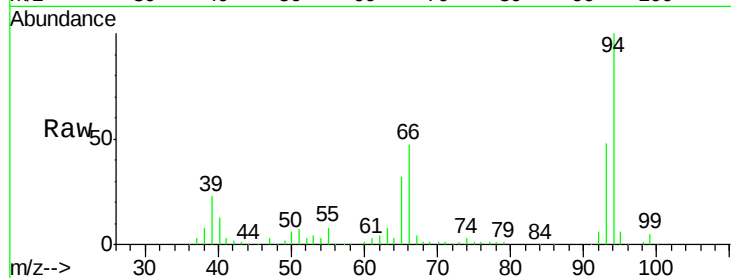
Tgt Ion: 94 Resp: 160996

Ion Ratio Lower Upper

94 100

65 32.3 5.1 45.1

66 46.6 13.1 53.1



#11

bis(2-Chloroethyl)ether

Concen: 43.00 ng

RT: 6.82 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

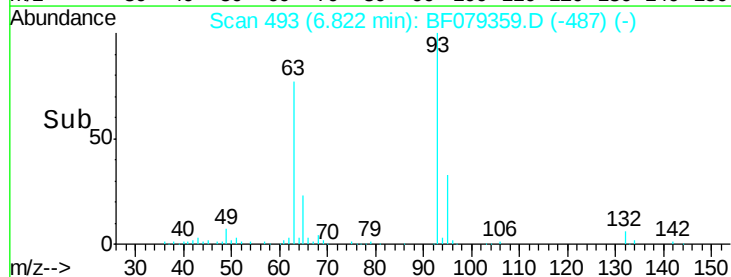
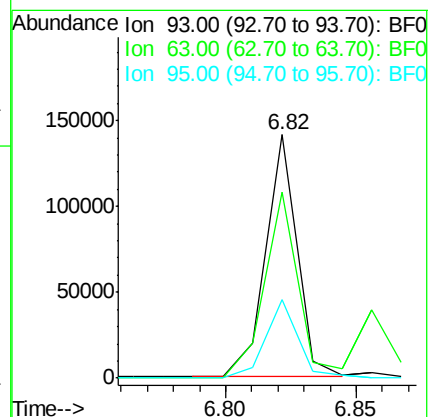
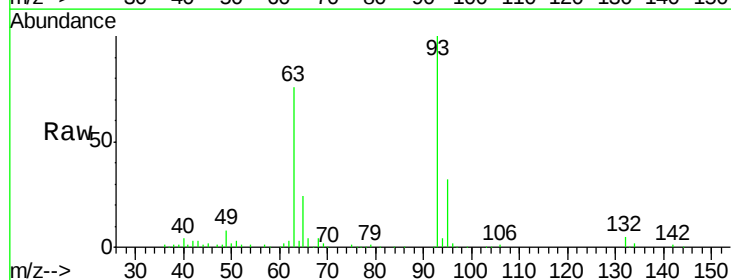
Tgt Ion: 93 Resp: 117065

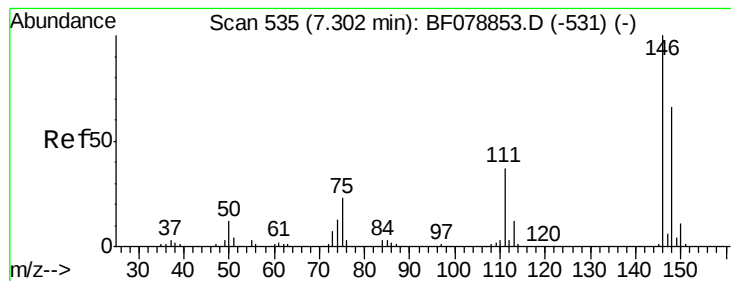
Ion Ratio Lower Upper

93 100

63 76.5 50.8 90.8

95 32.2 13.9 53.9





#12

1,3-Dichlorobenzene

Concen: 41.22 ng

RT: 7.05 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

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BNA_F

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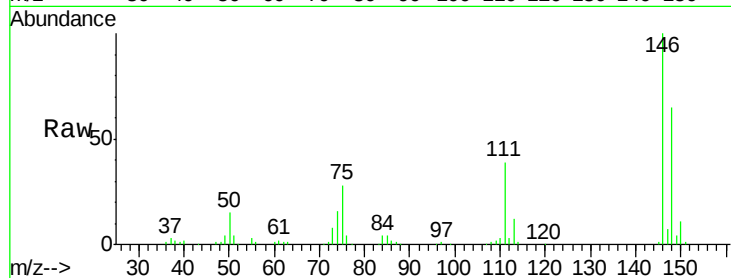
Tgt Ion:146 Resp: 127276

Ion Ratio Lower Upper

146 100

148 64.5 52.4 78.6

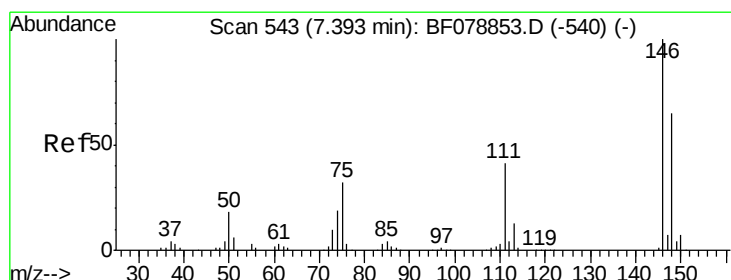
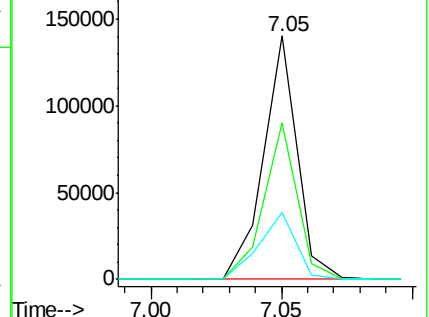
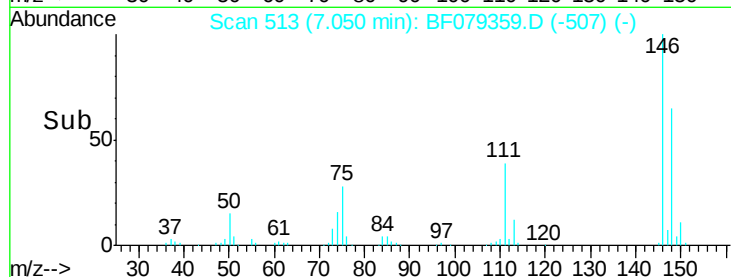
75 27.7 18.6 27.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 39.75 ng

RT: 7.15 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

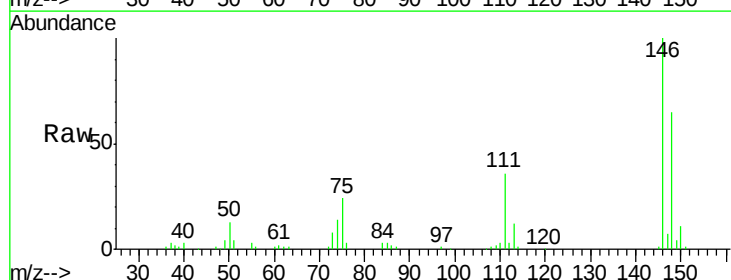
Tgt Ion:146 Resp: 126307

Ion Ratio Lower Upper

146 100

148 65.1 51.7 77.5

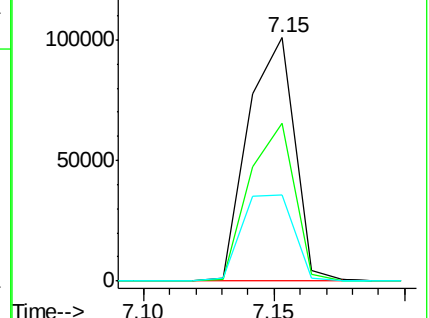
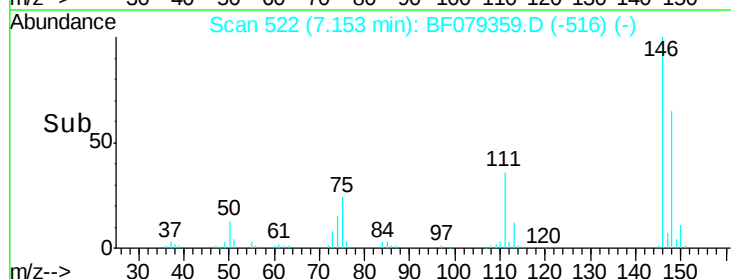
111 35.6 32.8 49.2

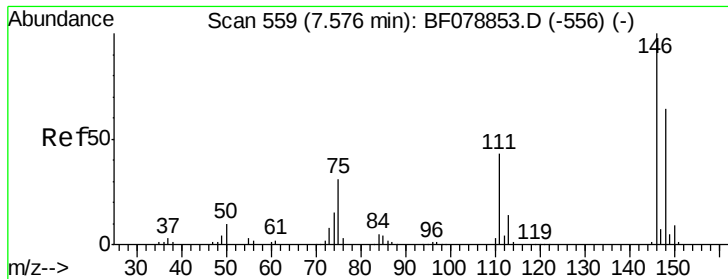


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

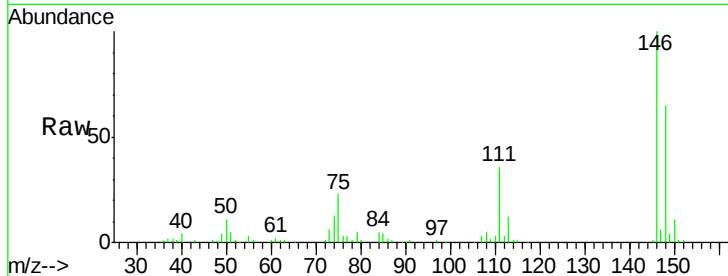




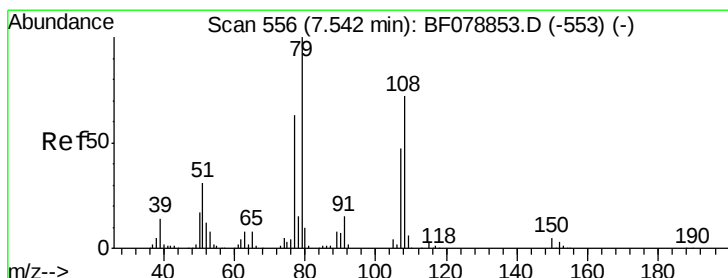
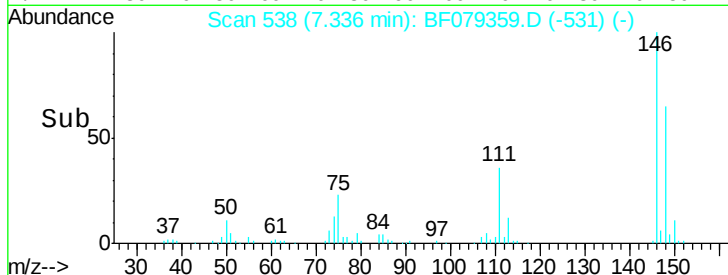
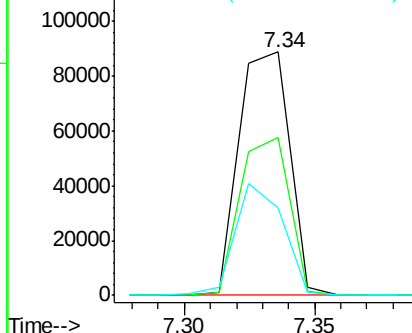
#14
1,2-Dichlorobenzene
Concen: 41.26 ng
RT: 7.34 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF079359.D
Acq: 20 May 2015 1:36

Instrument :
BNA_F
ClientSampleId :
SB-20MSD

Tgt Ion: 146 Resp: 122048
Ion Ratio Lower Upper
146 100
148 65.0 51.1 76.7
111 36.1 34.6 52.0

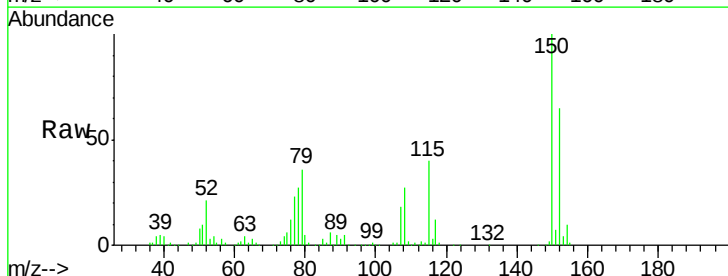


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

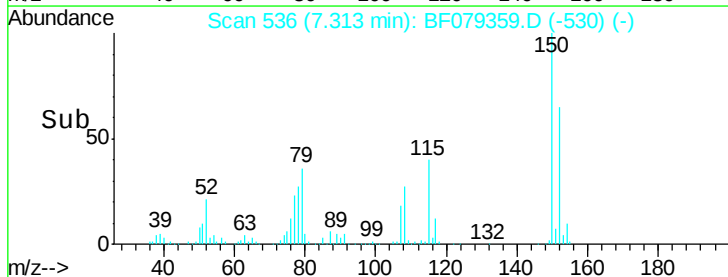
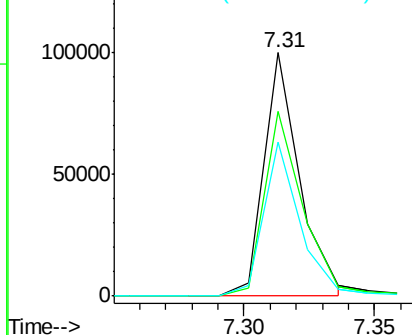


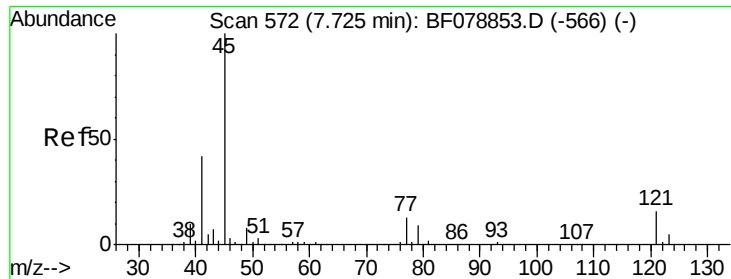
#15
Benzyl Alcohol
Concen: 40.20 ng
RT: 7.31 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF079359.D
Acq: 20 May 2015 1:36

Tgt Ion: 79 Resp: 95552
Ion Ratio Lower Upper
79 100
108 75.8 57.4 86.2
77 63.5 50.2 75.4



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

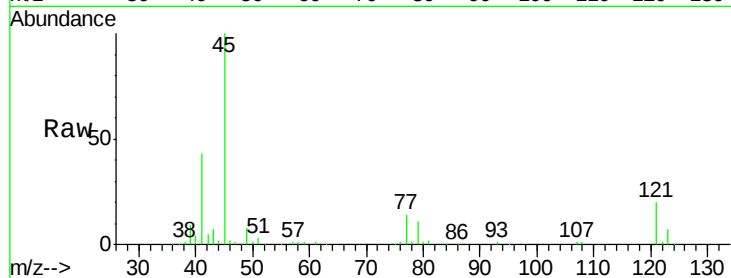




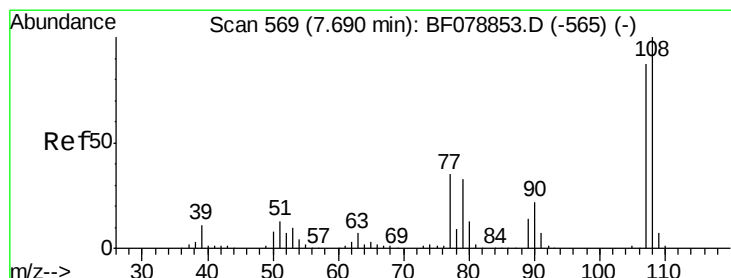
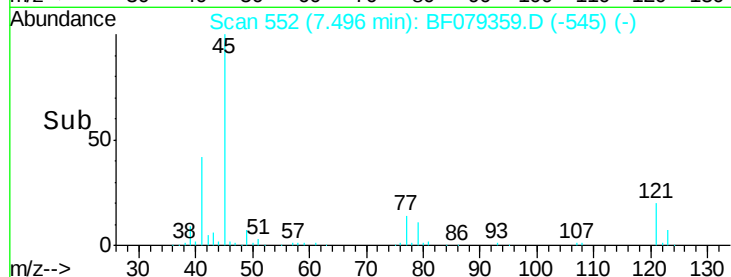
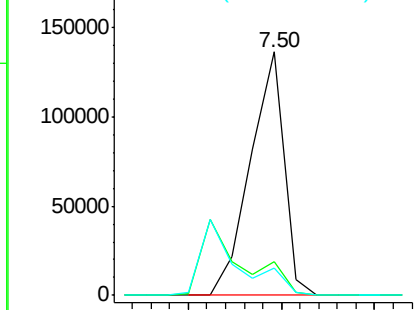
#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.24 ng
RT: 7.50 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF079359.D
Acq: 20 May 2015 1:36

Instrument :
BNA_F
ClientSampleId :
SB-20MSD

Tgt Ion: 45 Resp: 171771
Ion Ratio Lower Upper
45 100
77 13.8 0.0 32.6
79 11.3 0.0 29.3

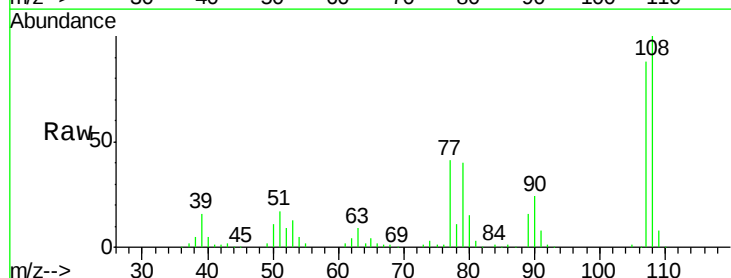


Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

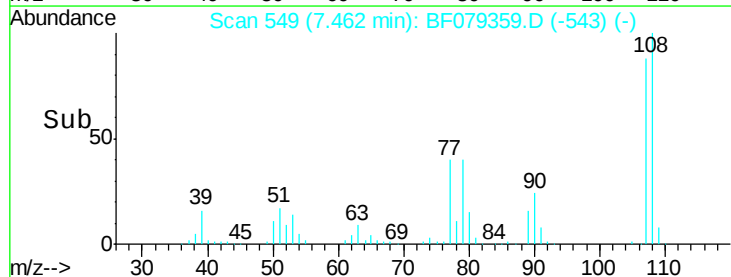
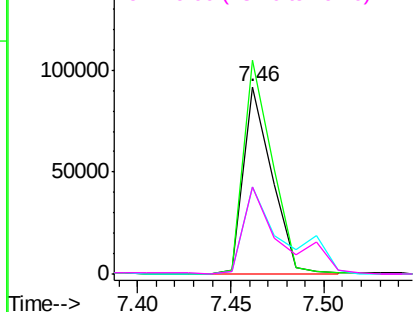


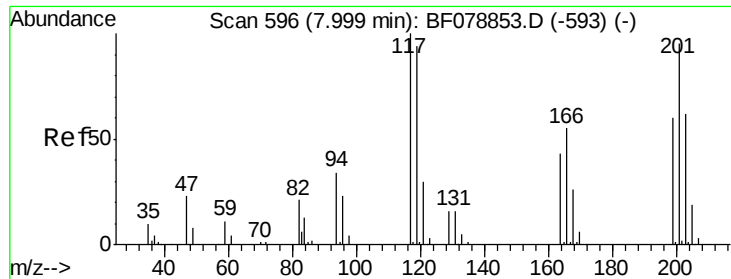
#17
2-Methylphenol
Concen: 44.11 ng
RT: 7.46 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF079359.D
Acq: 20 May 2015 1:36

Tgt Ion: 107 Resp: 97506
Ion Ratio Lower Upper
107 100
108 114.0 92.4 138.6
77 46.3 32.6 49.0
79 46.2 30.9 46.3



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

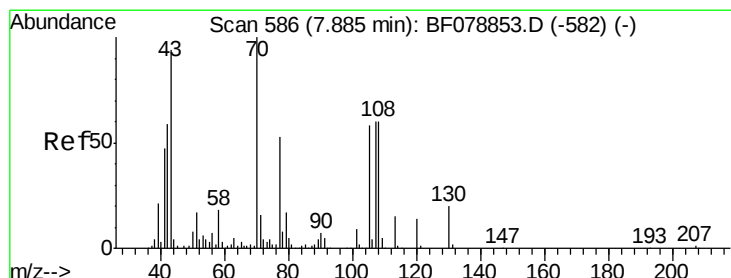
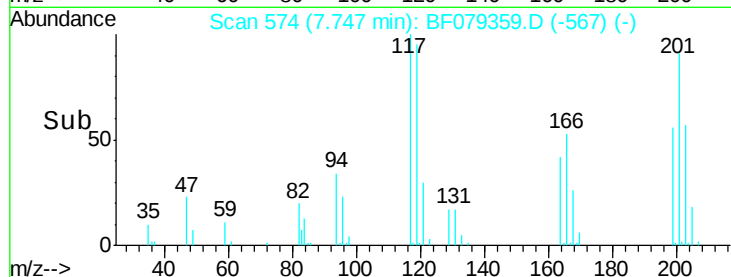
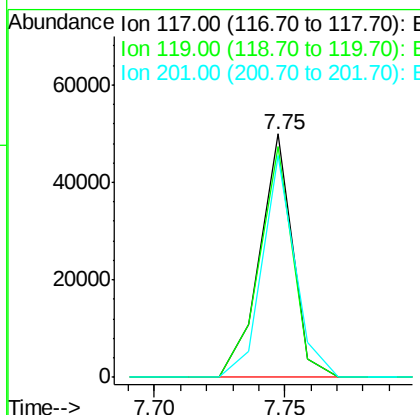
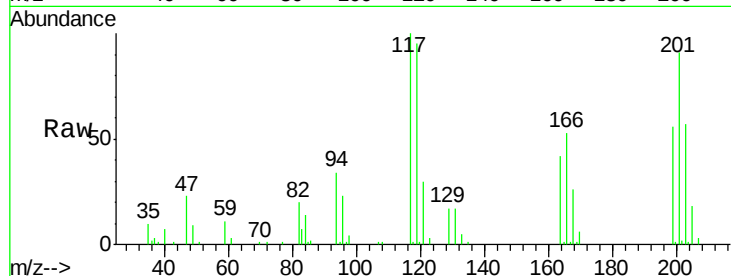




#18
Hexachloroethane
Concen: 40.43 ng
RT: 7.75 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF079359.D
Acq: 20 May 2015 1:36

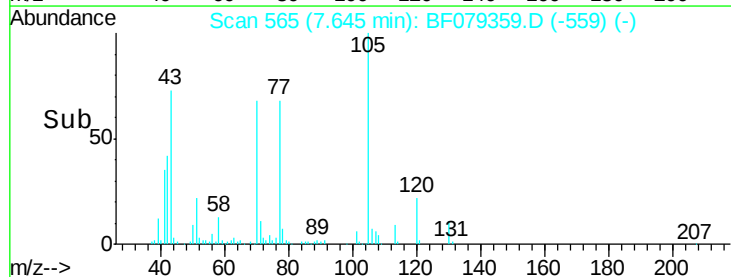
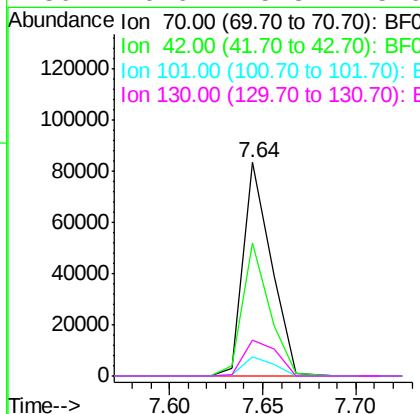
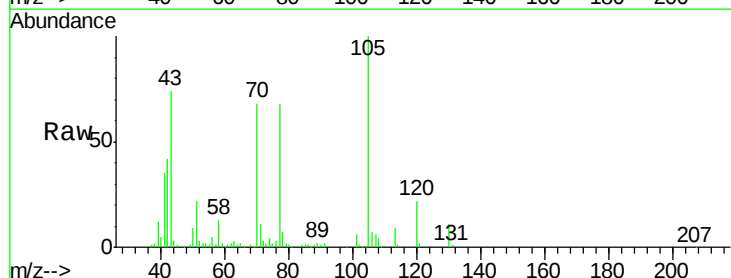
Instrument :
BNA_F
ClientSampleId :
SB-20MSD

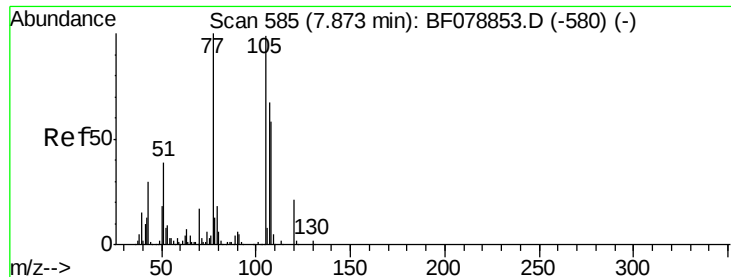
Tgt Ion: 117 Resp: 44248
Ion Ratio Lower Upper
117 100
119 95.1 75.2 112.8
201 91.3 75.8 113.8



#19
n-Nitroso-di-n-propylamine
Concen: 40.16 ng
RT: 7.64 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF079359.D
Acq: 20 May 2015 1:36

Tgt Ion: 70 Resp: 86838
Ion Ratio Lower Upper
70 100
42 62.6 47.3 70.9
101 8.7 7.5 11.3
130 16.6 15.8 23.6





#20

3+4-Methylphenols

Concen: 44.72 ng

RT: 7.66 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

Instrument :

BNA_F

ClientSampleId :

SB-20MSD

Tgt Ion:107 Resp: 131722

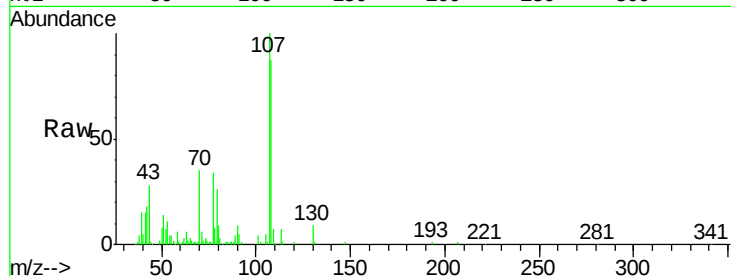
Ion Ratio Lower Upper

107 100

108 87.2 66.5 106.5

77 34.0 130.6 170.6#

79 25.5 6.4 46.4

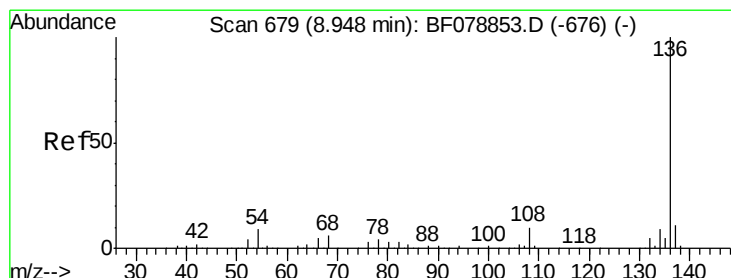
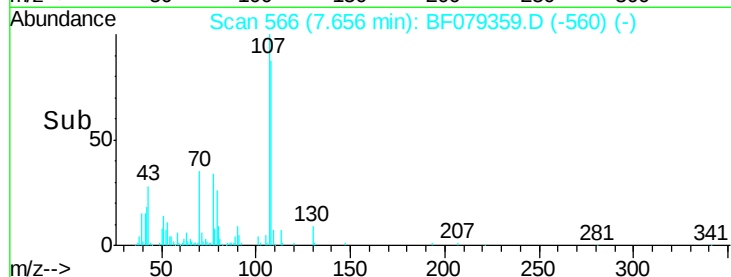
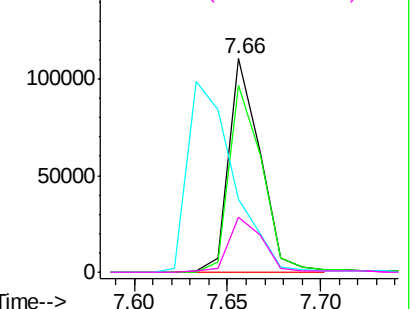


Abundance Ion 107.00 (106.70 to 107.70): E

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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.71 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

Tgt Ion:136 Resp: 174499

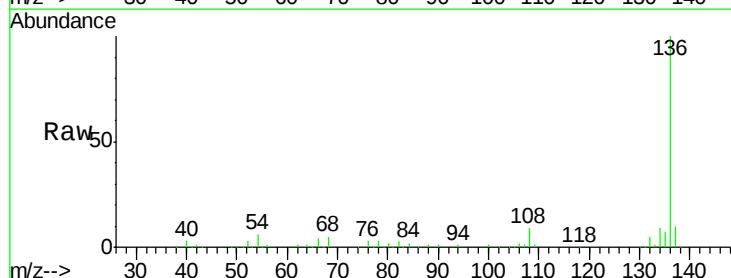
Ion Ratio Lower Upper

136 100

137 10.2 8.8 13.2

54 6.1 6.9 10.3#

68 4.6 4.9 7.3#

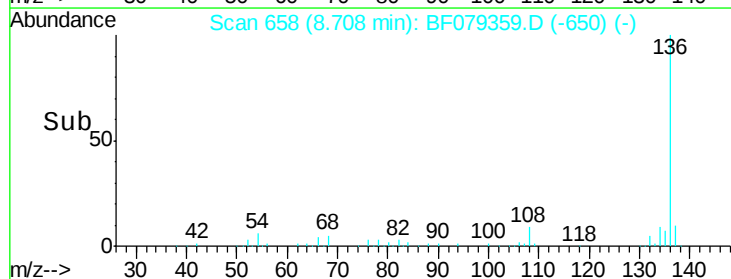
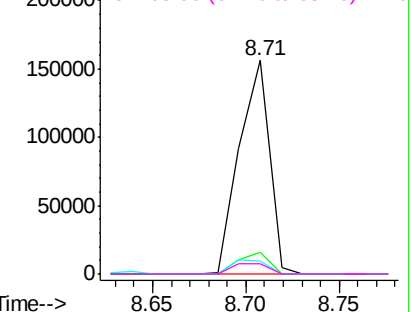


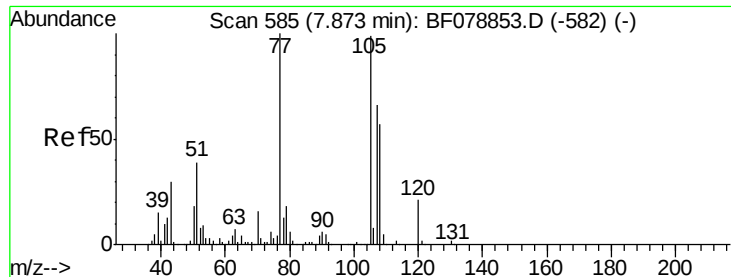
Abundance Ion 136.00 (135.70 to 136.70): E

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

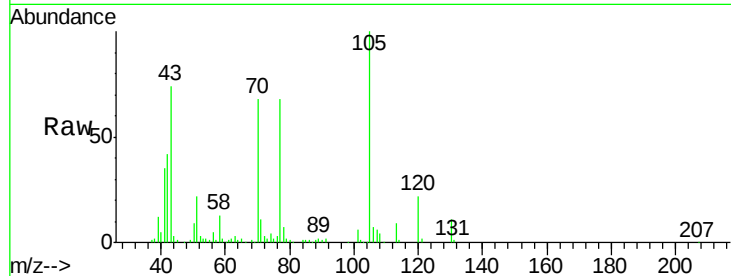




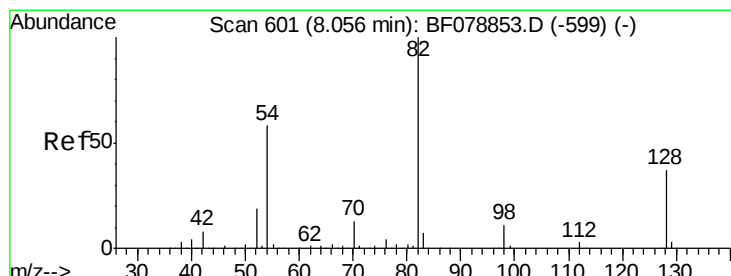
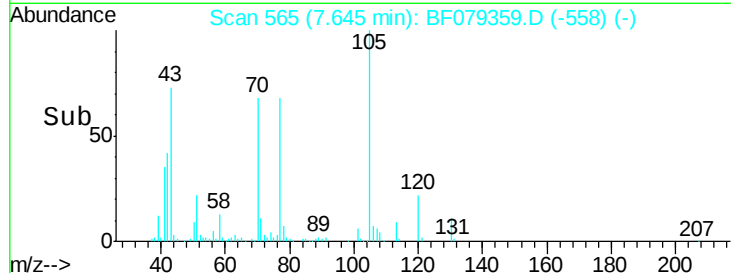
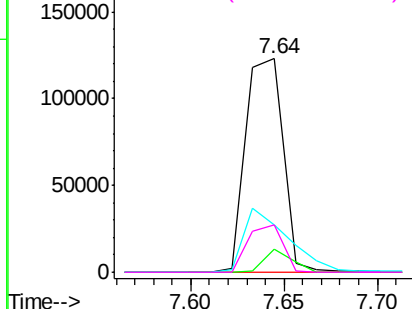
#22
Acetophenone
Concen: 43.67 ng
RT: 7.64 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF079359.D
Acq: 20 May 2015 1:36

Instrument :
BNA_F
ClientSampleId :
SB-20MSD

Tgt Ion: 105 Resp: 172177
Ion Ratio Lower Upper
105 100
71 11.1 2.2 3.4#
51 22.0 31.1 46.7#
120 22.4 16.7 25.1

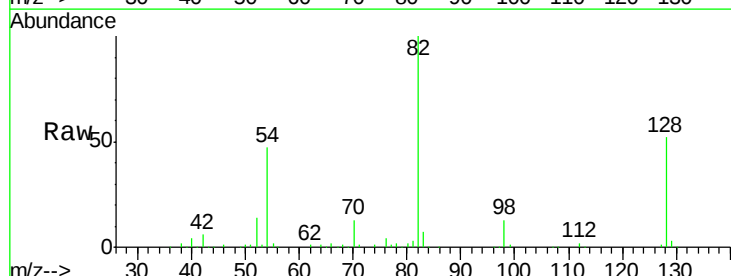


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

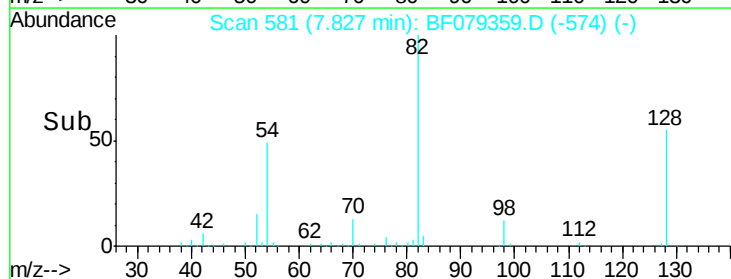
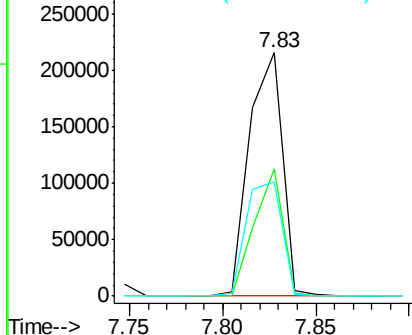


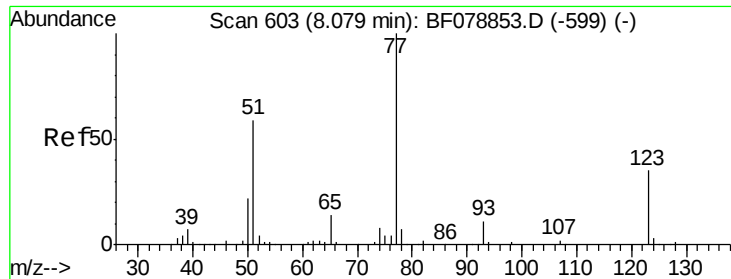
#23
Nitrobenzene-d5
Concen: 88.67 ng
RT: 7.83 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF079359.D
Acq: 20 May 2015 1:36

Tgt Ion: 82 Resp: 269215
Ion Ratio Lower Upper
82 100
128 52.2 29.7 44.5#
54 47.1 46.2 69.4



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

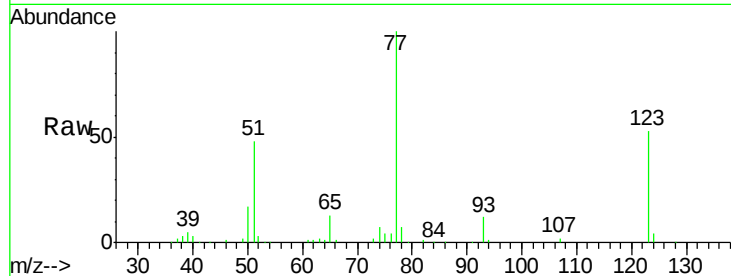




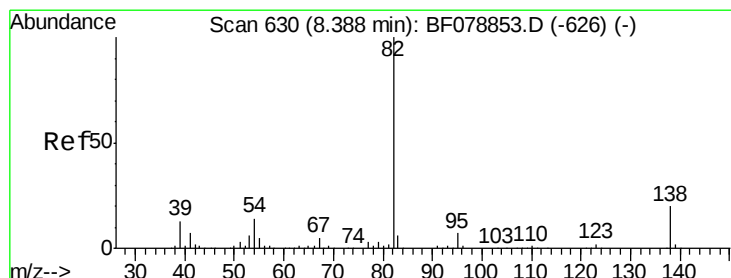
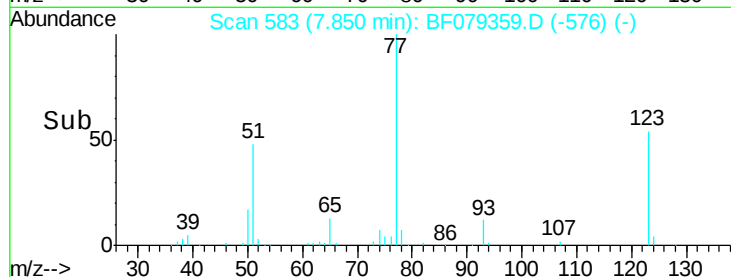
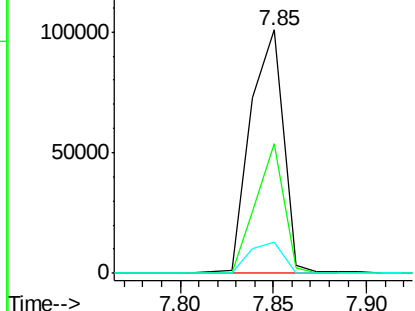
#24
 Nitrobenzene
 Concen: 41.07 ng
 RT: 7.85 min Scan# 583
 Delta R.T. 0.00 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

Instrument :
 BNA_F
 ClientSampleId :
 SB-20MSD

Tgt Ion	Ratio	Lower	Upper
77	100		
123	53.4	28.3	42.5#
65	12.6	11.0	16.4

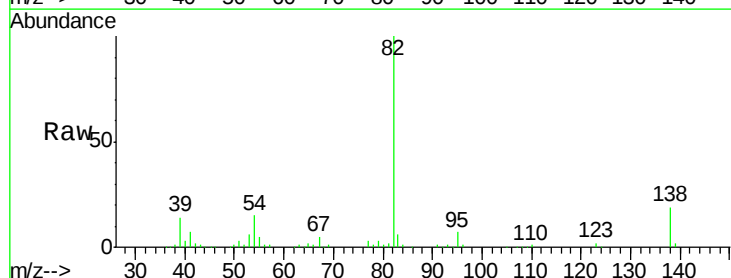


Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): BF0
 Ion 65.00 (64.70 to 65.70): BF0

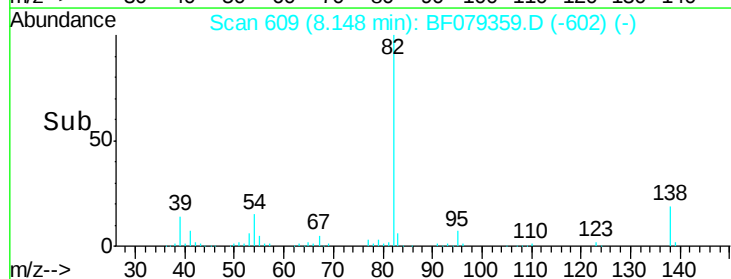
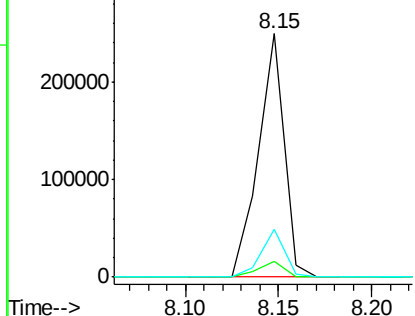


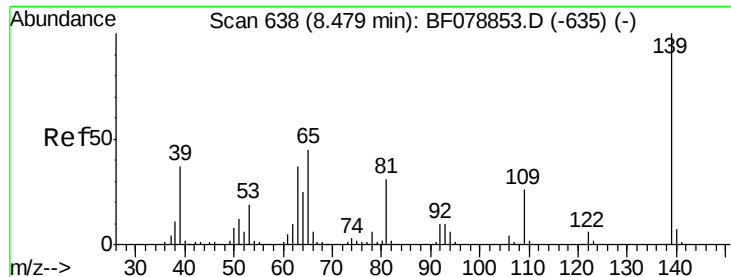
#25
 Isophorone
 Concen: 42.26 ng
 RT: 8.15 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.4	8.2
138	19.5	16.1	24.1



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

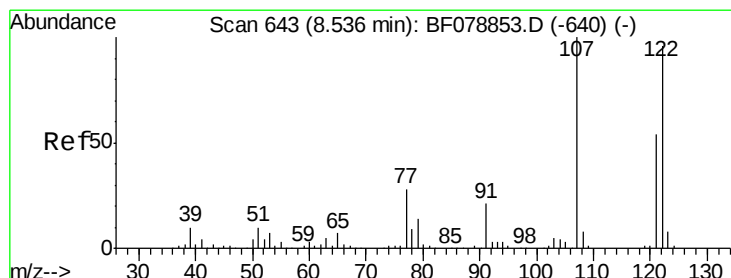
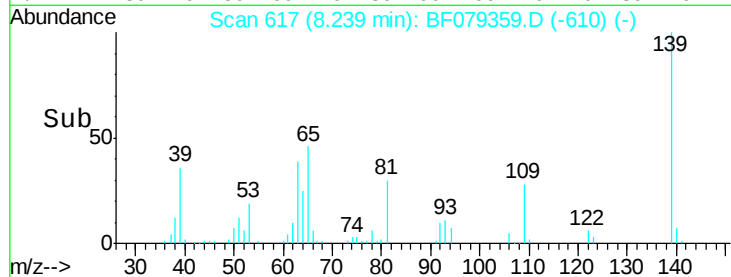
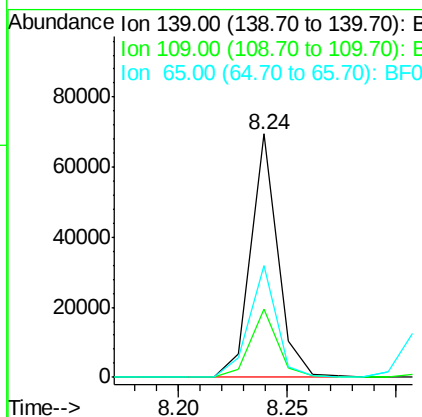
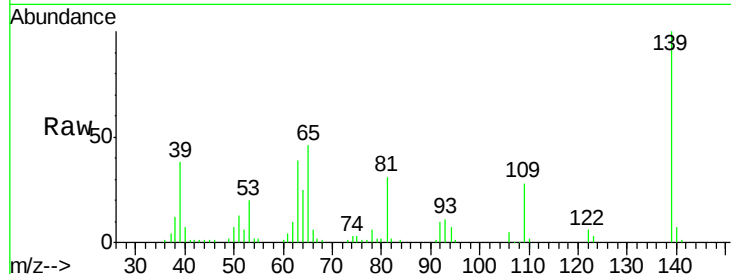




#26
 2-Nitrophenol
 Concen: 48.37 ng
 RT: 8.24 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

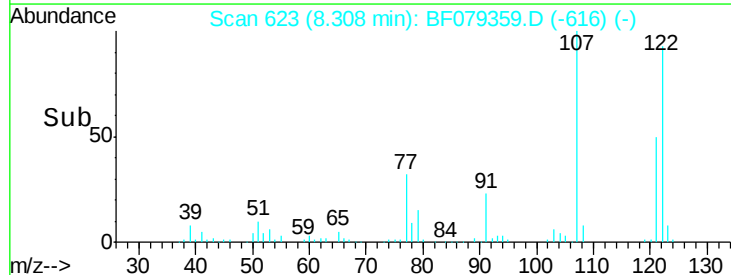
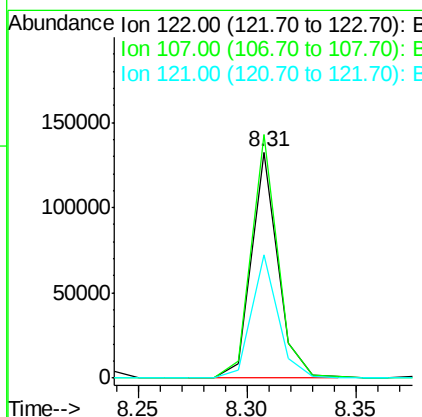
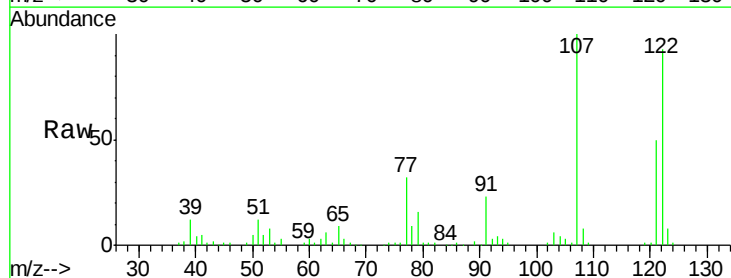
Instrument :
 BNA_F
 ClientSampleId :
 SB-20MSD

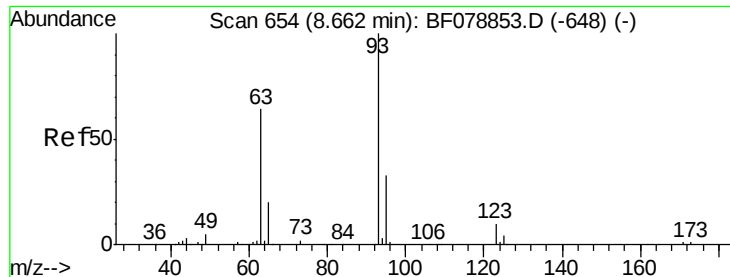
Tgt Ion:139 Resp: 60253
 Ion Ratio Lower Upper
 139 100
 109 27.9 20.9 31.3
 65 46.1 35.8 53.8



#27
 2,4-Dimethylphenol
 Concen: 45.22 ng
 RT: 8.31 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

Tgt Ion:122 Resp: 112728
 Ion Ratio Lower Upper
 122 100
 107 107.6 83.6 125.4
 121 54.3 44.9 67.3

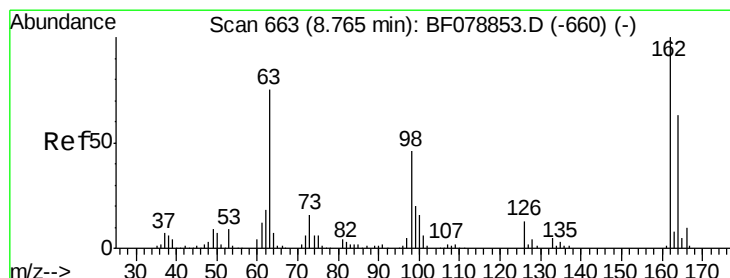
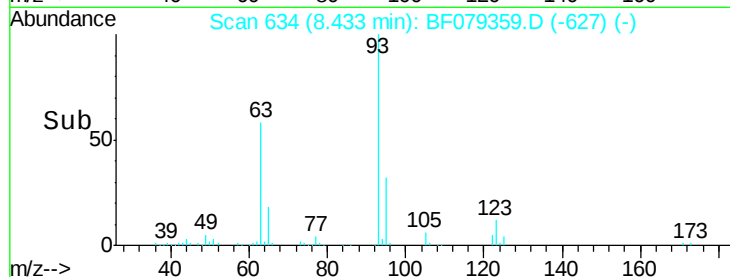
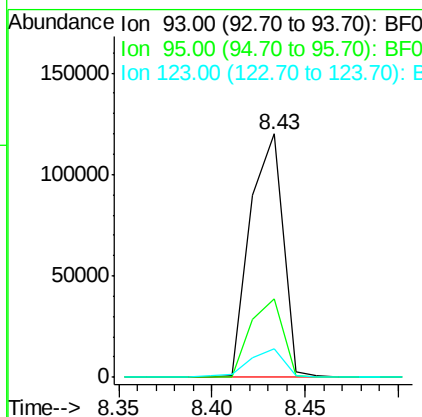
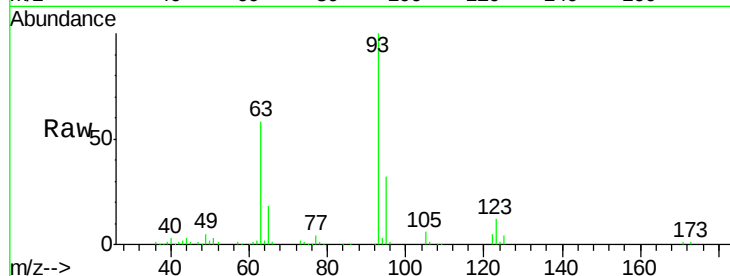




#28
 bis(2-Chloroethoxy)methane
 Concen: 42.38 ng
 RT: 8.43 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

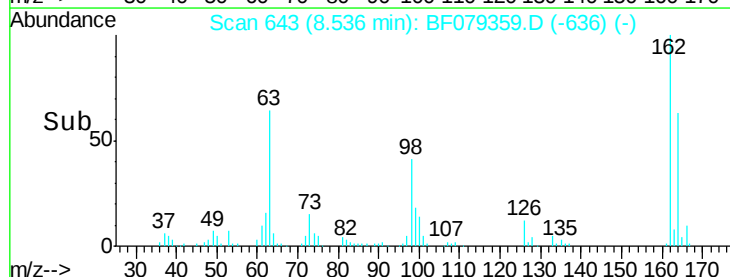
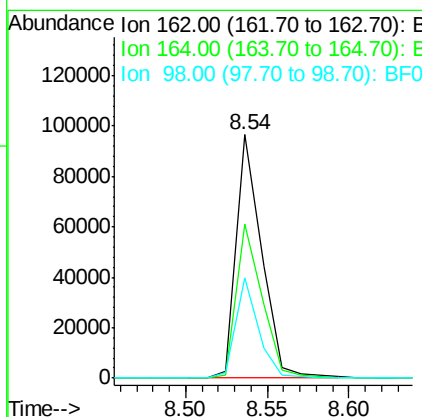
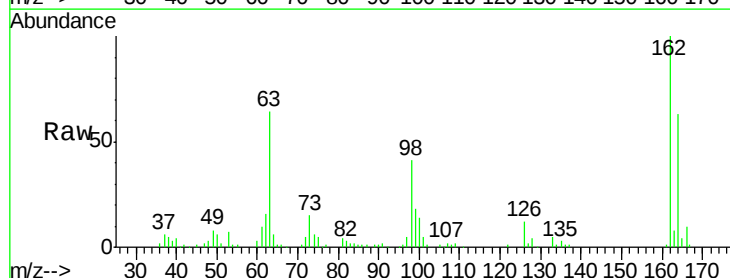
Instrument :
 BNA_F
 ClientSampleId :
 SB-20MSD

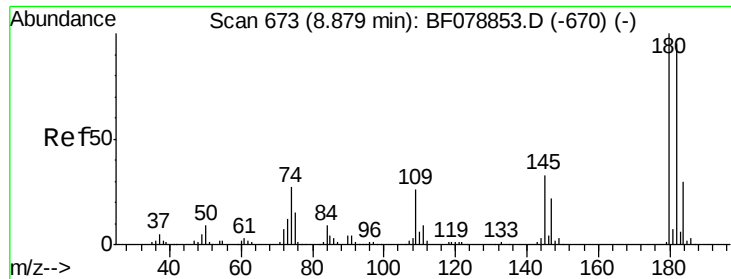
Tgt Ion: 93 Resp: 147069
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.2 39.2
 123 11.7 8.6 12.8



#29
 2,4-Dichlorophenol
 Concen: 46.72 ng
 RT: 8.54 min Scan# 643
 Delta R.T. -0.01 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

Tgt Ion: 162 Resp: 103552
 Ion Ratio Lower Upper
 162 100
 164 63.3 42.7 82.7
 98 41.1 26.3 66.3

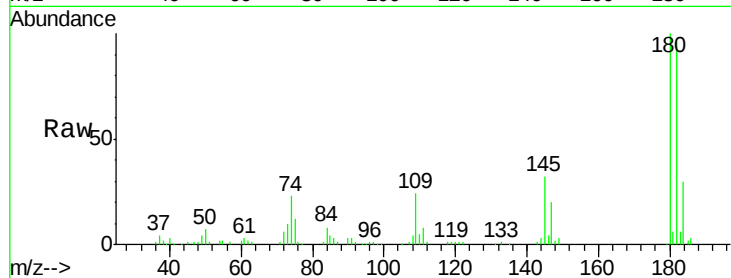




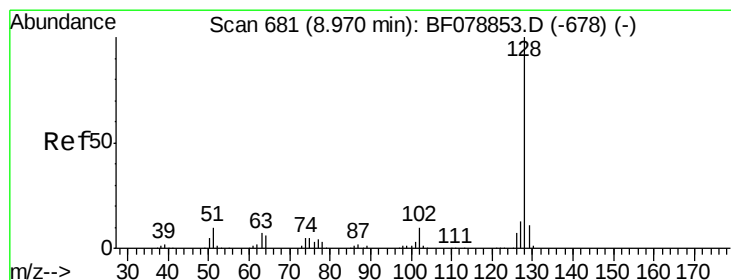
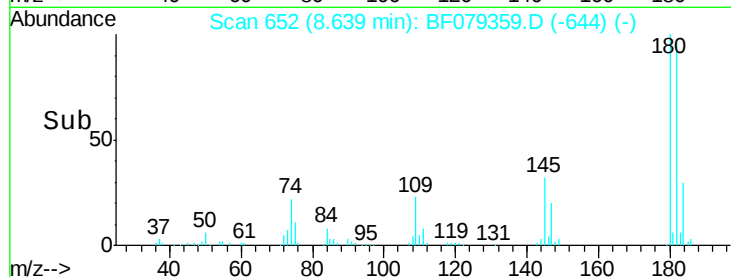
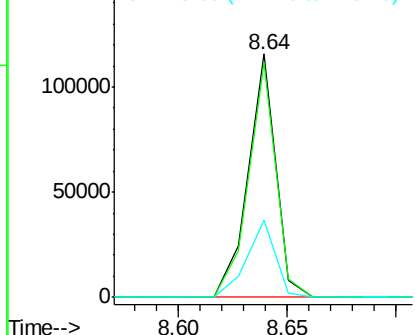
#30
 1,2,4-Trichlorobenzene
 Concen: 41.86 ng
 RT: 8.64 min Scan# 652
 Delta R.T. 0.00 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

Instrument :
 BNA_F
 ClientSampleId :
 SB-20MSD

Tgt Ion:180 Resp: 101928
 Ion Ratio Lower Upper
 180 100
 182 96.4 75.7 113.5
 145 31.8 26.2 39.4

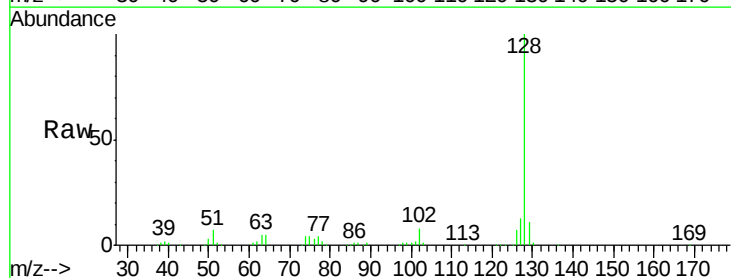


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

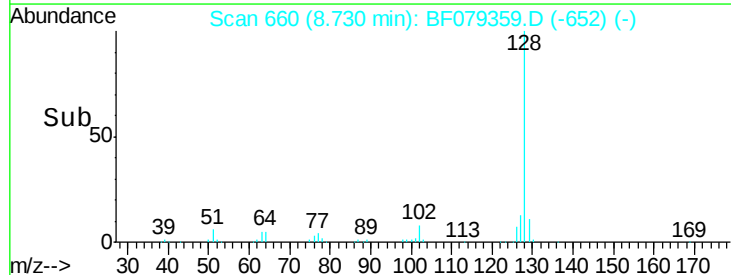
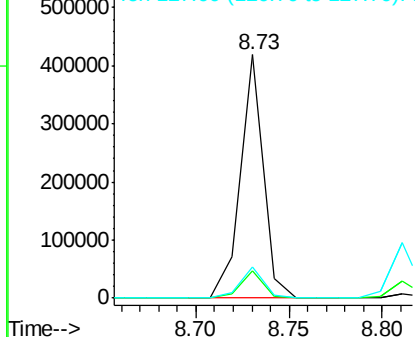


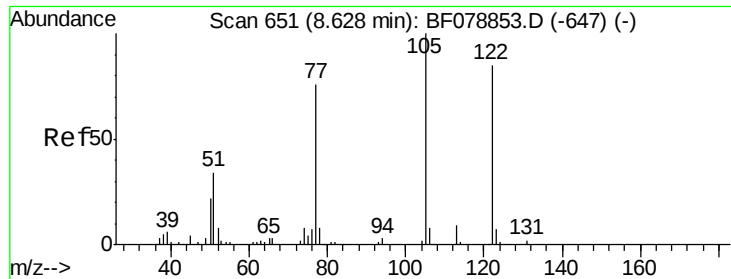
#31
 Naphthalene
 Concen: 43.42 ng
 RT: 8.73 min Scan# 660
 Delta R.T. 0.00 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

Tgt Ion:128 Resp: 361025
 Ion Ratio Lower Upper
 128 100
 129 11.0 9.2 13.8
 127 13.1 10.3 15.5



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

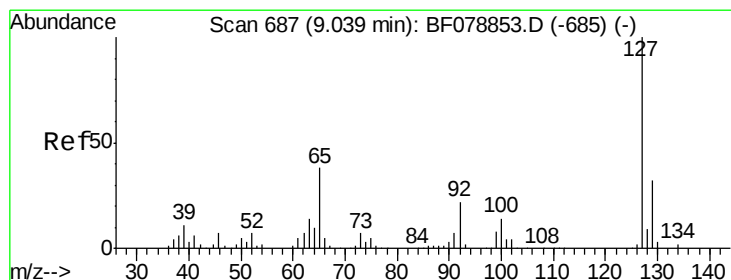
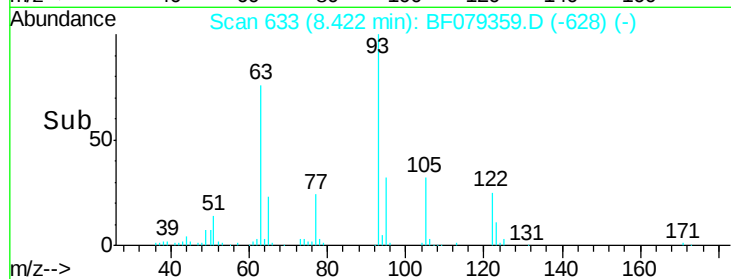
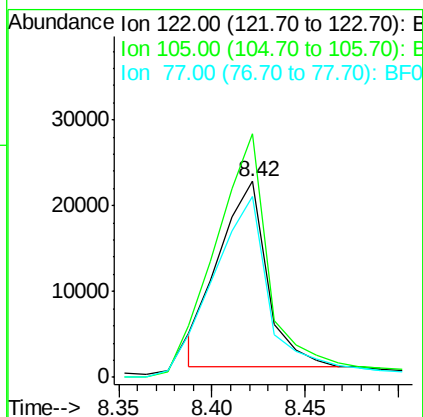
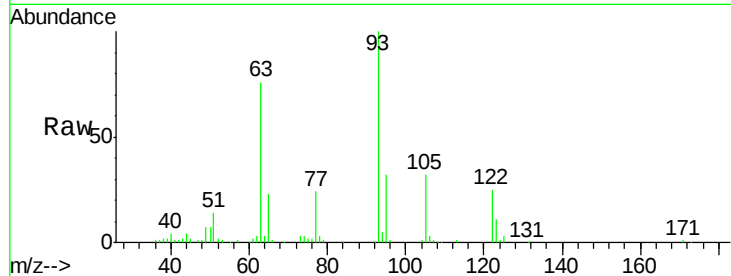




#32
Benzoic acid
Concen: 27.90 ng
RT: 8.42 min Scan# 633
Delta R.T. -0.02 min
Lab File: BF079359.D
Acq: 20 May 2015 1:36

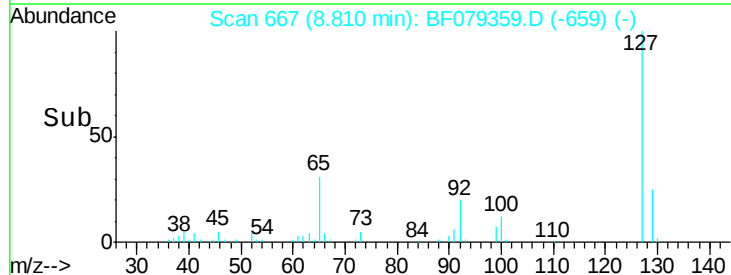
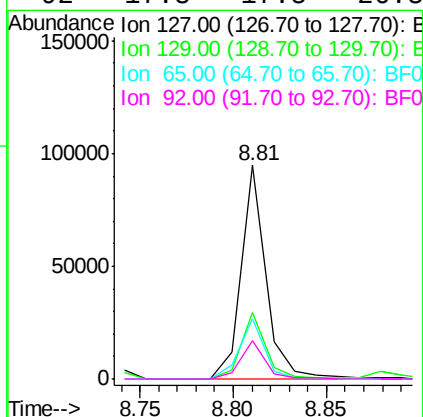
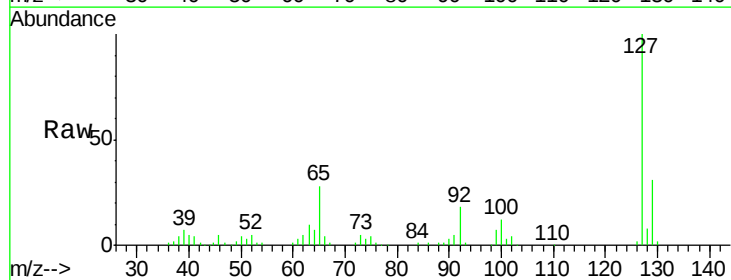
Instrument :
BNA_F
ClientSampleId :
SB-20MSD

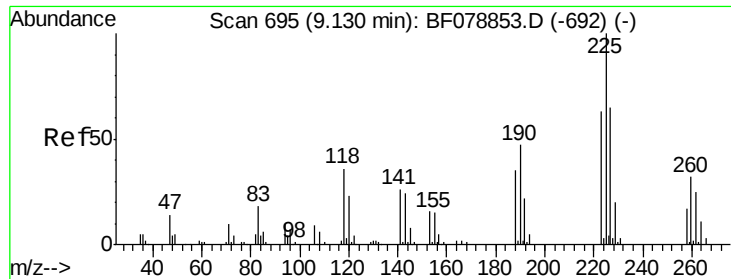
Tgt Ion:122 Resp: 38805
Ion Ratio Lower Upper
122 100
105 124.1 100.7 140.7
77 92.3 72.0 112.0



#33
4-Chloroaniline
Concen: 25.28 ng
RT: 8.81 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF079359.D
Acq: 20 May 2015 1:36

Tgt Ion:127 Resp: 88934
Ion Ratio Lower Upper
127 100
129 31.4 25.6 38.4
65 28.5 30.2 45.4#
92 17.8 17.5 26.3

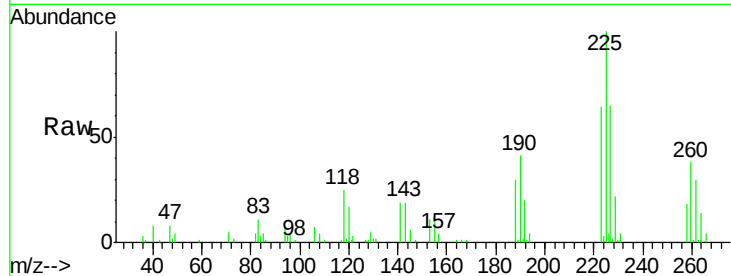




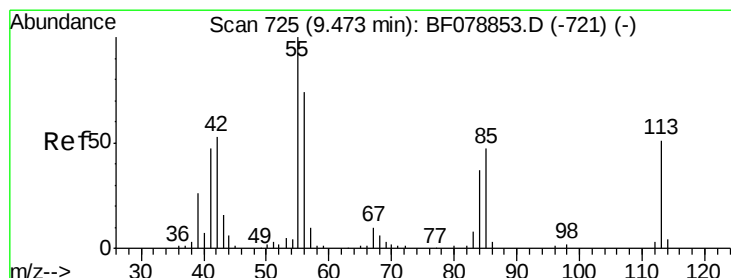
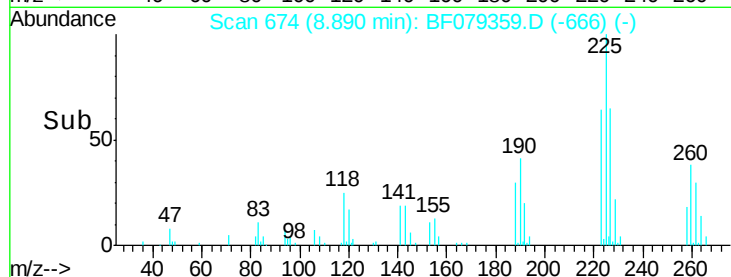
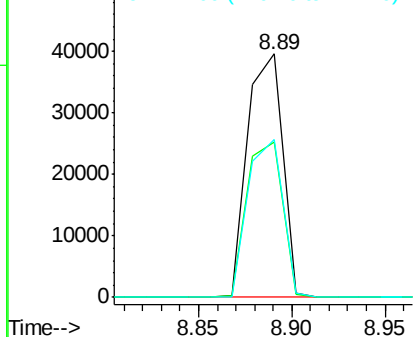
#34
Hexachlorobutadiene
Concen: 36.85 ng
RT: 8.89 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF079359.D
Acq: 20 May 2015 1:36

Instrument :
BNA_F
ClientSampleId :
SB-20MSD

Tgt Ion: 225 Resp: 51670
Ion Ratio Lower Upper
225 100
223 63.9 50.6 75.8
227 64.9 52.1 78.1

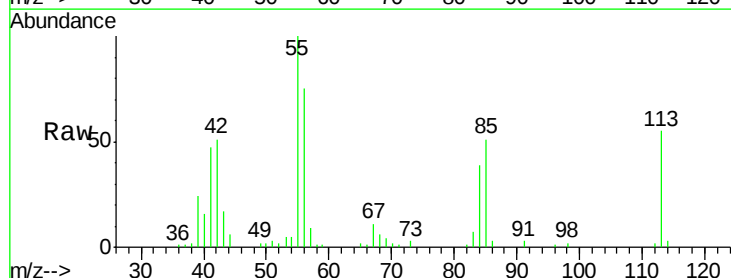


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

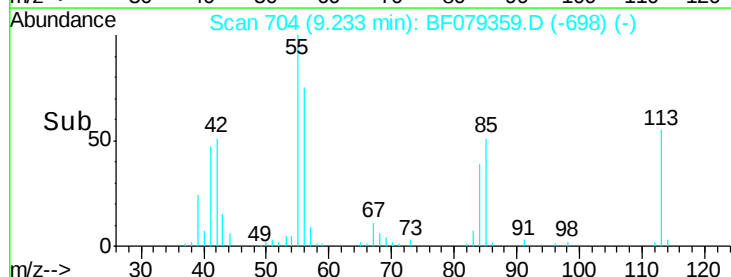
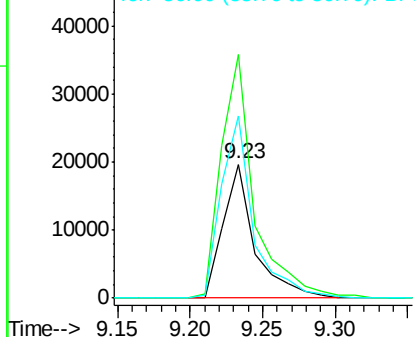


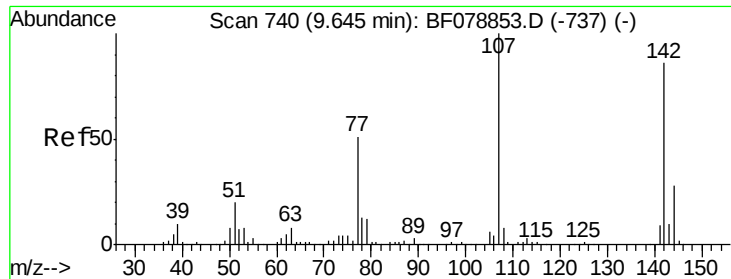
#35
Caprolactam
Concen: 41.26 ng
RT: 9.23 min Scan# 704
Delta R.T. -0.02 min
Lab File: BF079359.D
Acq: 20 May 2015 1:36

Tgt Ion: 113 Resp: 29573
Ion Ratio Lower Upper
113 100
55 181.8 176.0 216.0
56 135.6 123.8 163.8



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

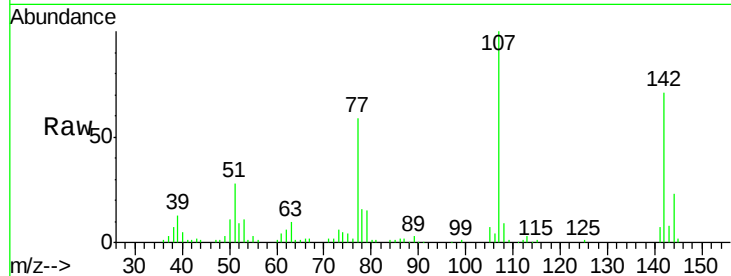




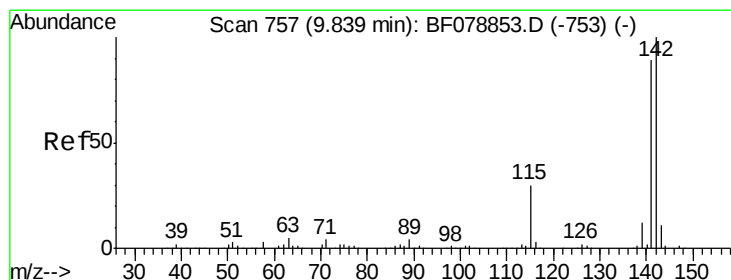
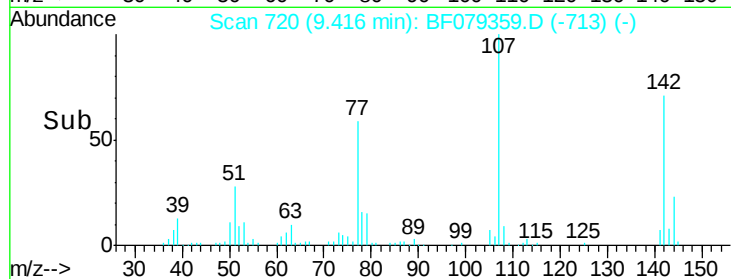
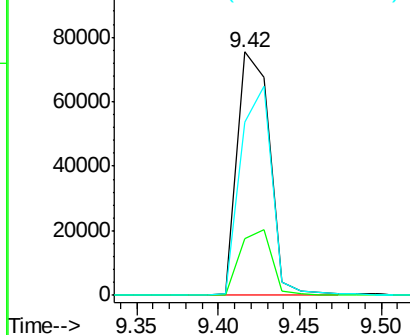
#36
 4-Chloro-3-methylphenol
 Concen: 44.45 ng
 RT: 9.42 min Scan# 720
 Delta R.T. -0.01 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

Instrument :
 BNA_F
 ClientSampleId :
 SB-20MSD

Tgt Ion:107 Resp: 103474
 Ion Ratio Lower Upper
 107 100
 144 23.2 22.5 33.7
 142 71.1 68.6 103.0

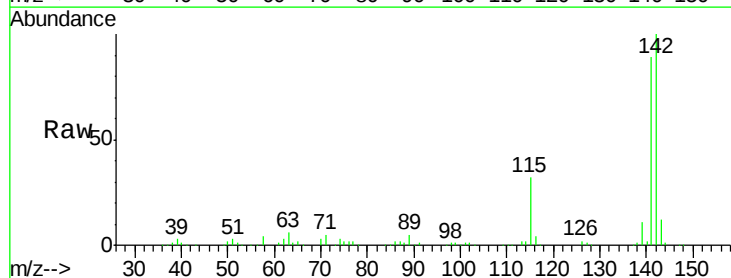


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

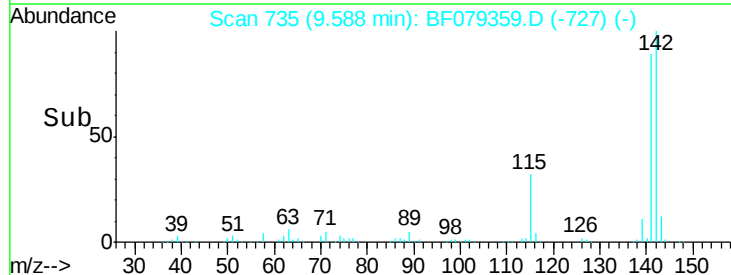
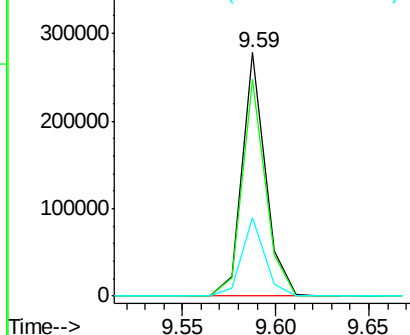


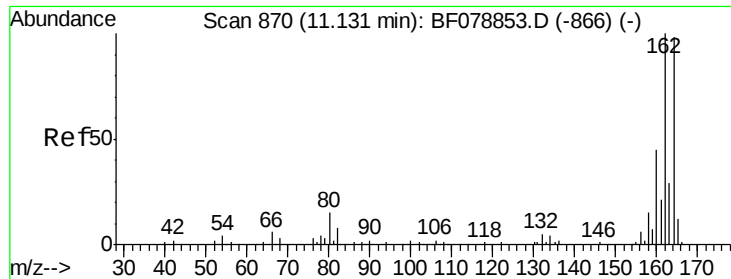
#37
 2-Methylnaphthalene
 Concen: 42.29 ng
 RT: 9.59 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

Tgt Ion:142 Resp: 243641
 Ion Ratio Lower Upper
 142 100
 141 89.0 71.6 107.4
 115 32.4 24.2 36.4



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

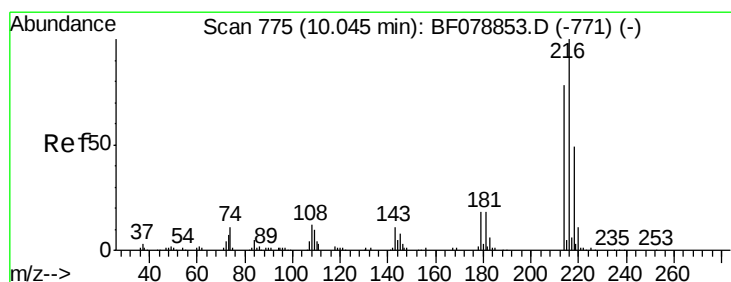
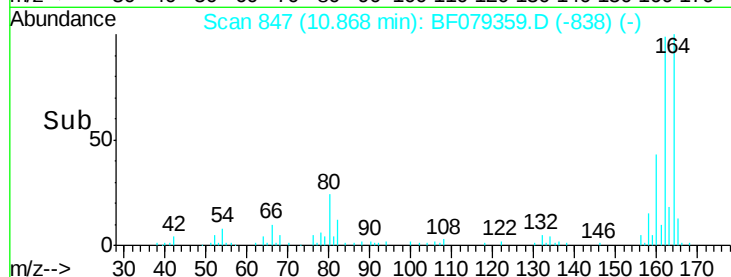
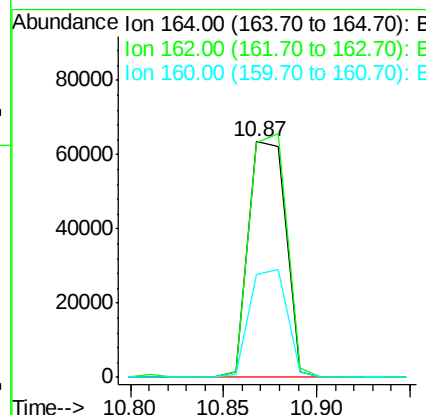
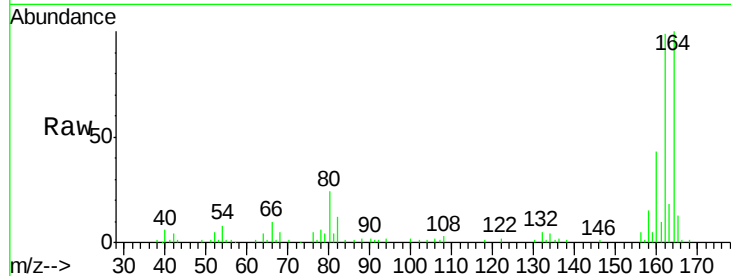




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.87 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

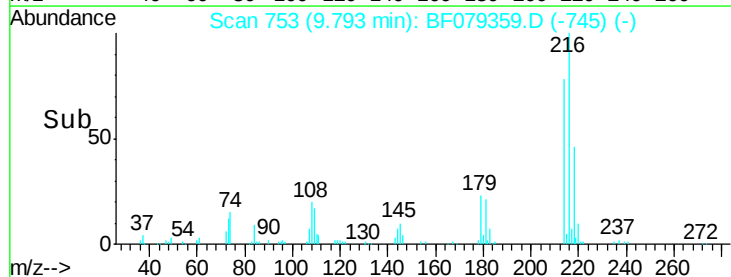
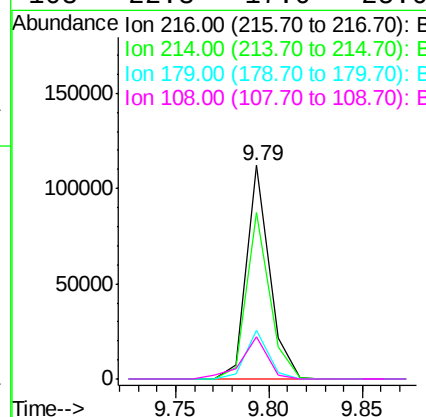
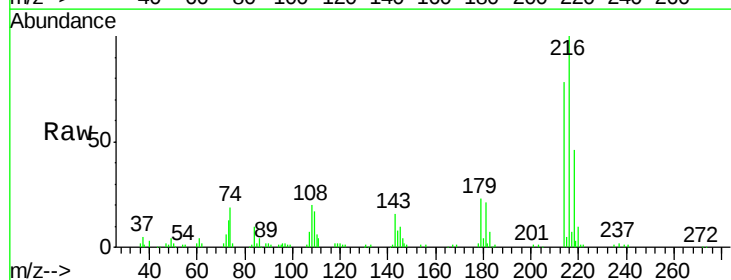
Instrument :
 BNA_F
 ClientSampleId :
 SB-20MSD

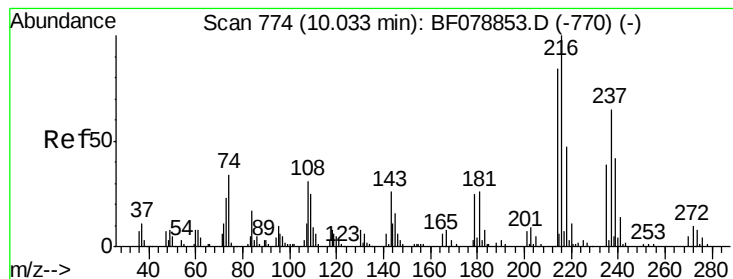
Tgt Ion:164 Resp: 88225
 Ion Ratio Lower Upper
 164 100
 162 99.4 81.4 122.0
 160 43.5 36.6 54.8



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.11 ng
 RT: 9.79 min Scan# 753
 Delta R.T. -0.01 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

Tgt Ion:216 Resp: 97178
 Ion Ratio Lower Upper
 216 100
 214 78.3 64.0 96.0
 179 22.2 17.0 25.4
 108 22.3 17.0 25.6





#40

Hexachlorocyclopentadiene

Concen: 53.71 ng

RT: 9.78 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

Instrument :

BNA_F

ClientSampleId :

SB-20MSD

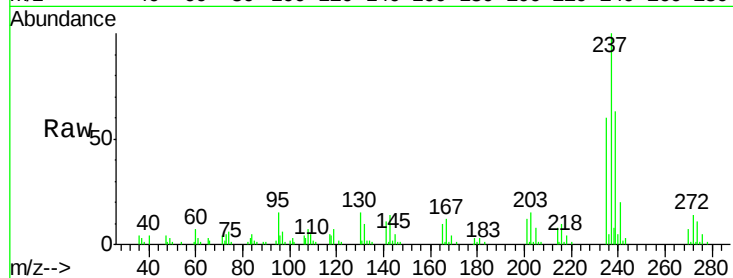
Tgt Ion:237 Resp: 67108

Ion Ratio Lower Upper

237 100

235 59.6 40.0 80.0

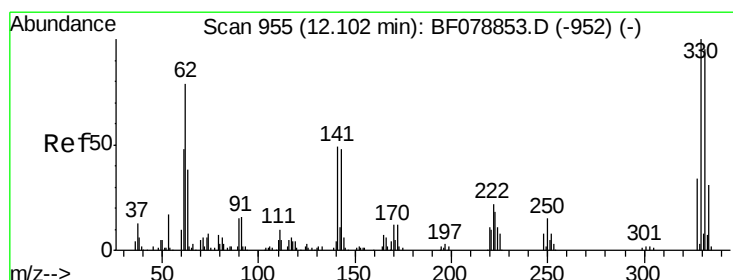
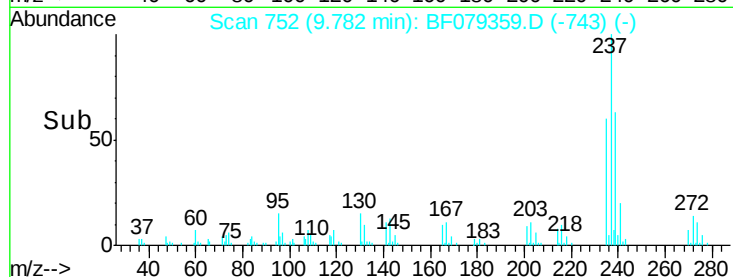
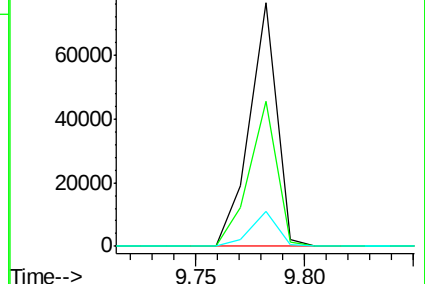
272 14.3 0.0 36.0



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: 136.43 ng

RT: 11.85 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

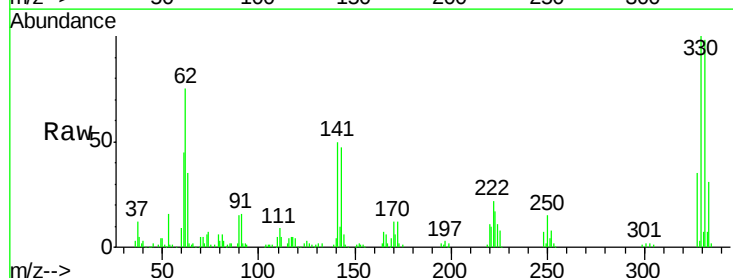
Tgt Ion:330 Resp: 130212

Ion Ratio Lower Upper

330 100

332 97.0 76.9 115.3

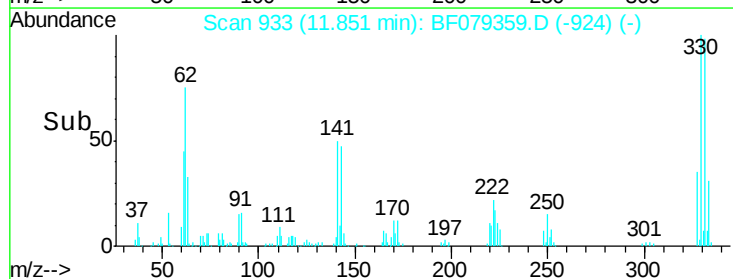
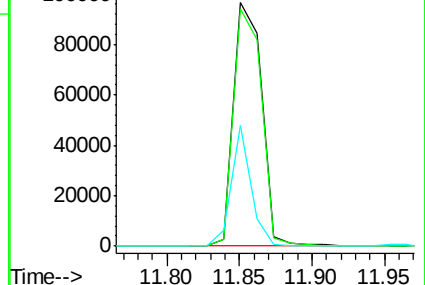
141 34.6 27.8 41.8

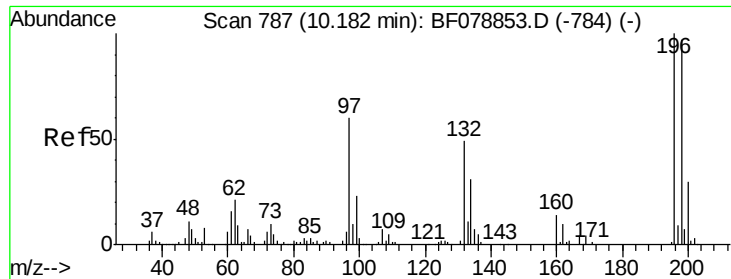


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

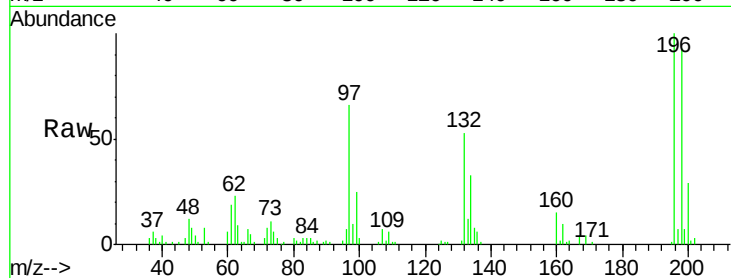




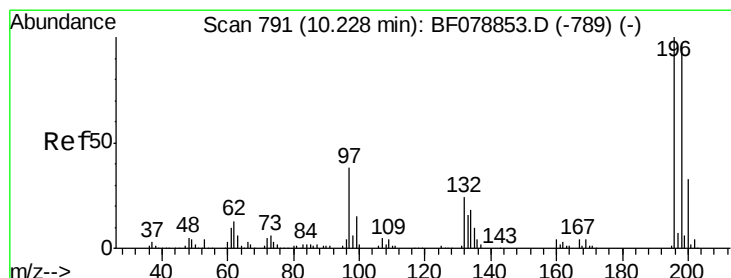
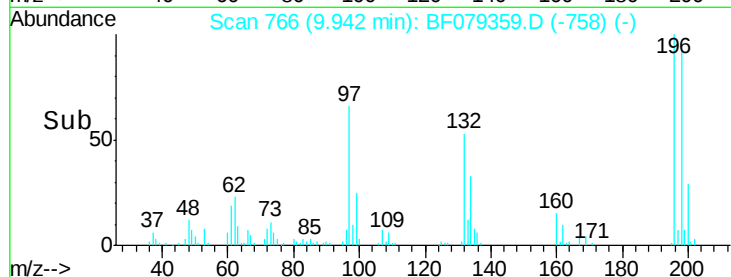
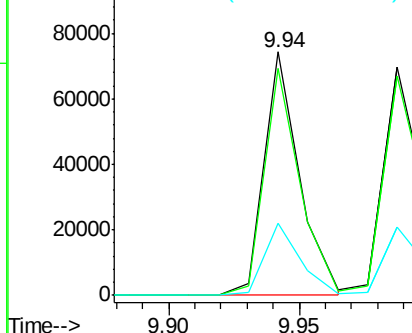
#42
 2,4,6-Trichlorophenol
 Concen: 40.90 ng
 RT: 9.94 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

Instrument :
 BNA_F
 ClientSampleId :
 SB-20MSD

Tgt Ion:196 Resp: 69865
 Ion Ratio Lower Upper
 196 100
 198 93.5 77.4 116.2
 200 29.4 23.7 35.5



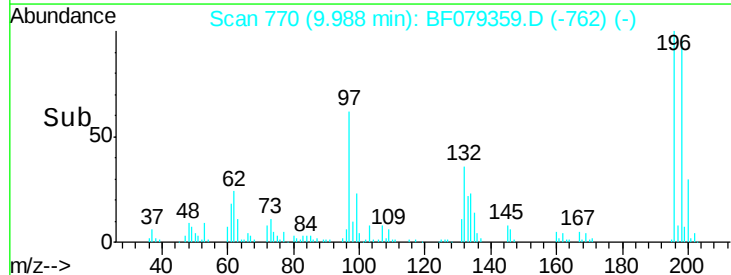
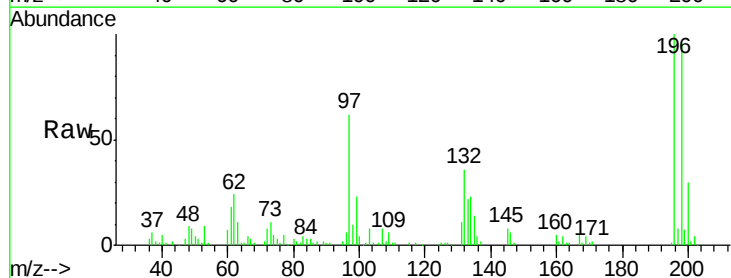
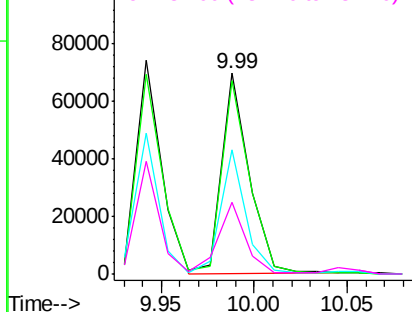
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

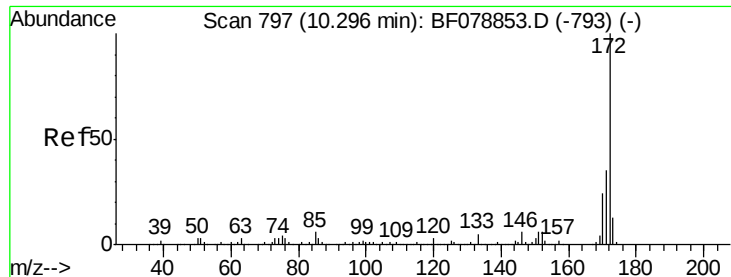


#43
 2,4,5-Trichlorophenol
 Concen: 41.27 ng
 RT: 9.99 min Scan# 770
 Delta R.T. -0.01 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

Tgt Ion:196 Resp: 71272
 Ion Ratio Lower Upper
 196 100
 198 96.1 77.3 115.9
 97 62.2 31.3 46.9#
 132 35.8 19.7 29.5#

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

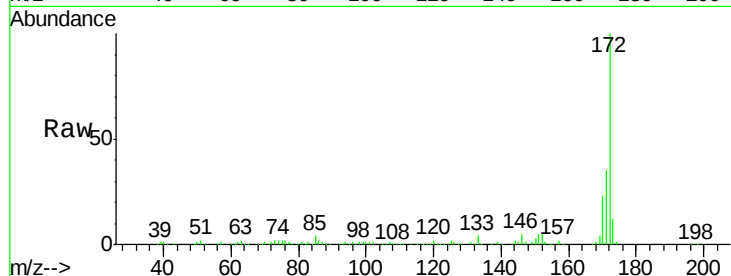




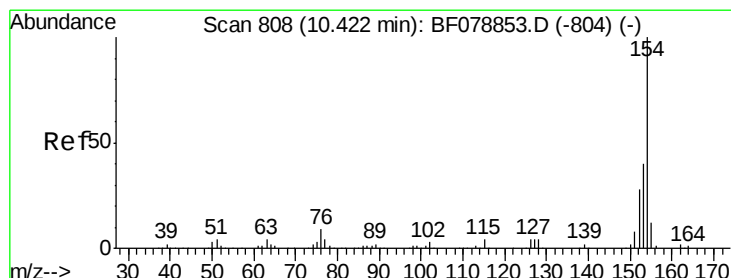
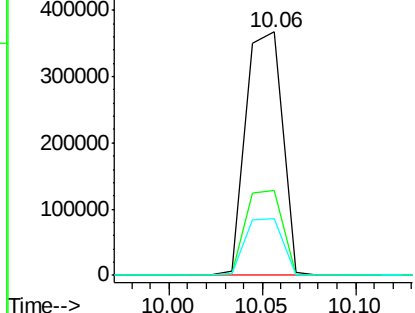
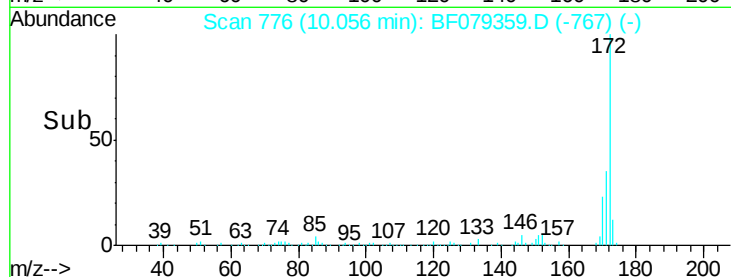
#44
 2-Fluorobiphenyl
 Concen: 79.08 ng
 RT: 10.06 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

Instrument :
 BNA_F
 ClientSampleId :
 SB-20MSD

Tgt Ion:172 Resp: 500757
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.3 42.5
 170 23.4 19.4 29.2

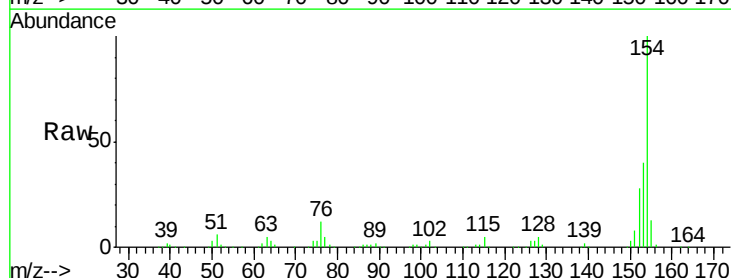


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

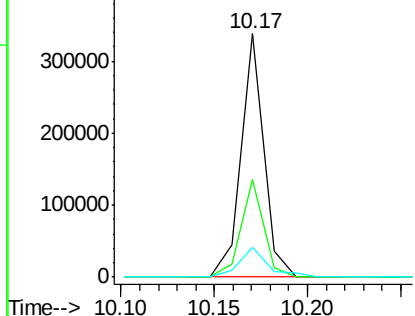
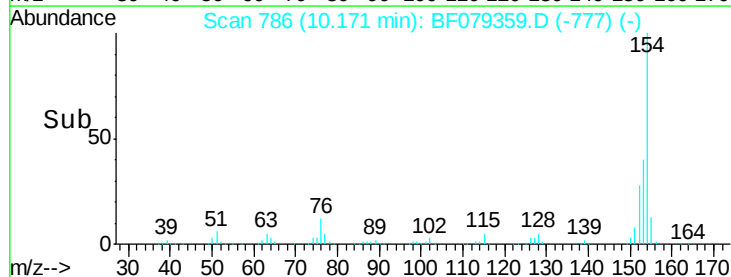


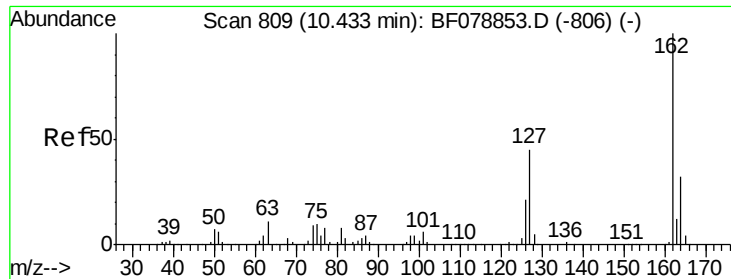
#45
 1,1'-Biphenyl
 Concen: 41.15 ng
 RT: 10.17 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

Tgt Ion:154 Resp: 288599
 Ion Ratio Lower Upper
 154 100
 153 40.1 19.7 59.7
 76 12.1 0.0 29.1



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

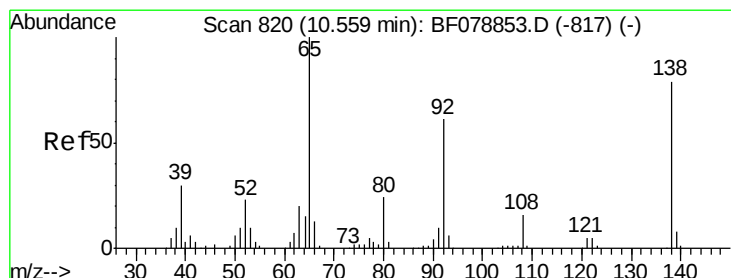
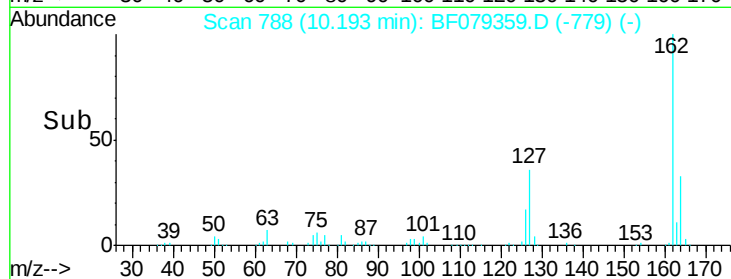
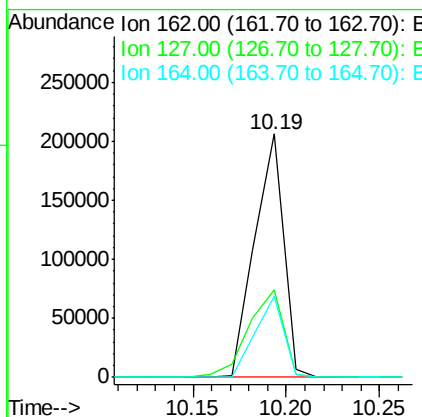
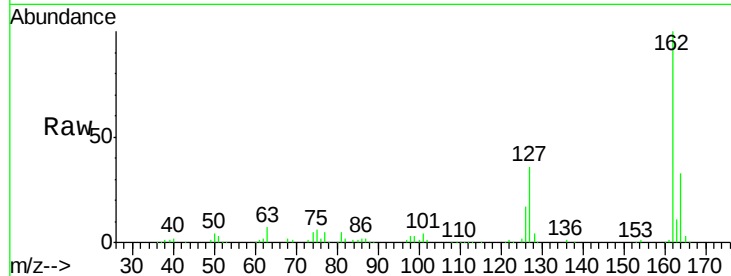




#46
 2-Chloronaphthalene
 Concen: 40.47 ng
 RT: 10.19 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

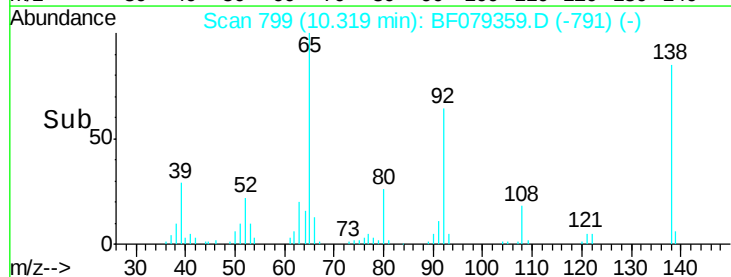
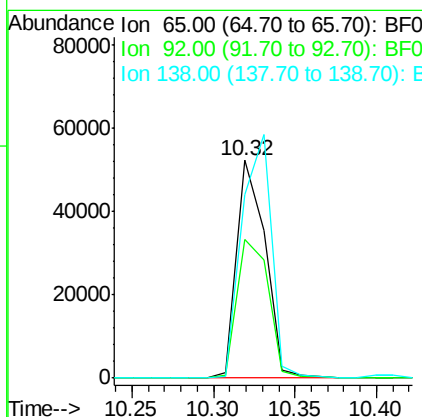
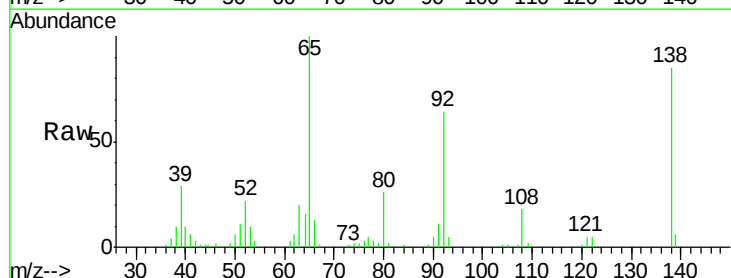
Instrument :
 BNA_F
 ClientSampleId :
 SB-20MSD

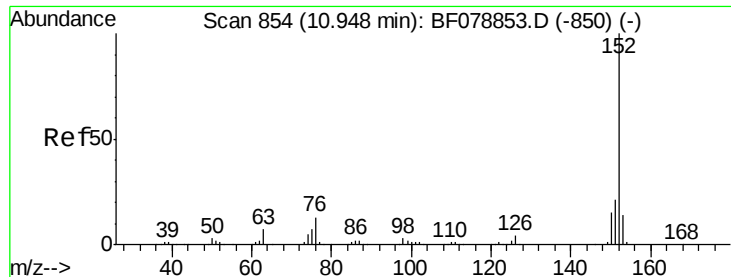
Tgt Ion: 162 Resp: 221429
 Ion Ratio Lower Upper
 162 100
 127 36.1 36.3 54.5#
 164 33.3 25.9 38.9



#47
 2-Nitroaniline
 Concen: 39.89 ng
 RT: 10.32 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

Tgt Ion: 65 Resp: 63224
 Ion Ratio Lower Upper
 65 100
 92 63.5 49.1 73.7
 138 84.6 63.2 94.8





#48

Acenaphthylene

Concen: 39.59 ng

RT: 10.70 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

Instrument :

BNA_F

ClientSampleId :

SB-20MSD

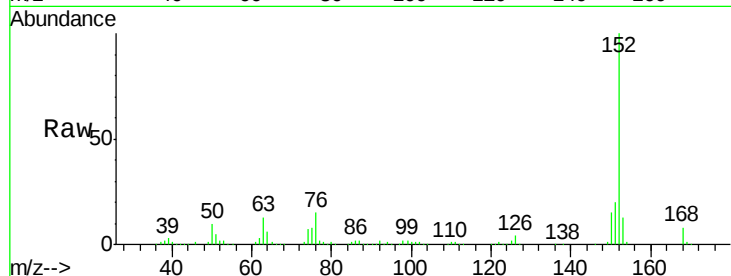
Tgt Ion:152 Resp: 355651

Ion Ratio Lower Upper

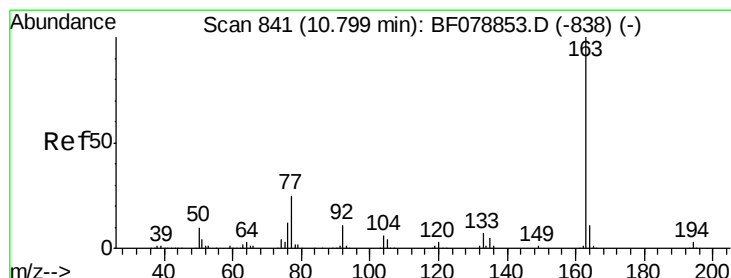
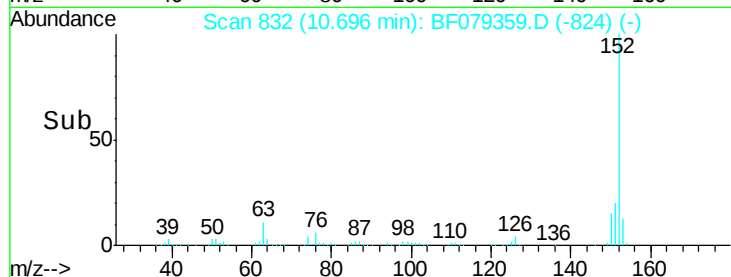
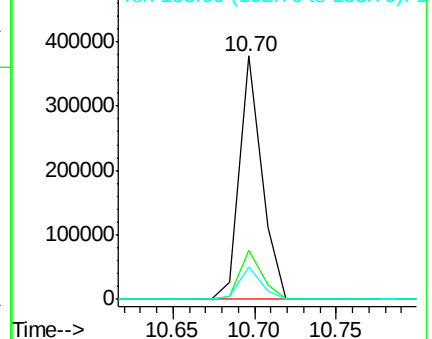
152 100

151 19.9 16.6 24.8

153 13.2 11.0 16.6



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



#49

Dimethylphthalate

Concen: 47.18 ng

RT: 10.56 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

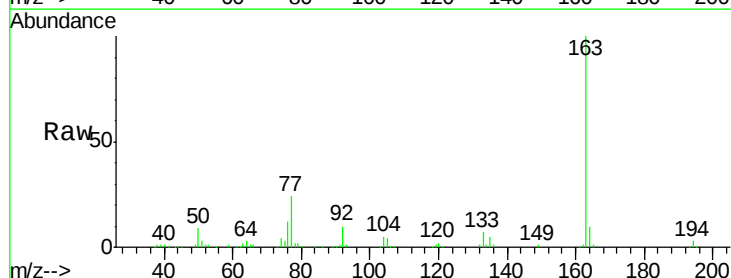
Tgt Ion:163 Resp: 305516

Ion Ratio Lower Upper

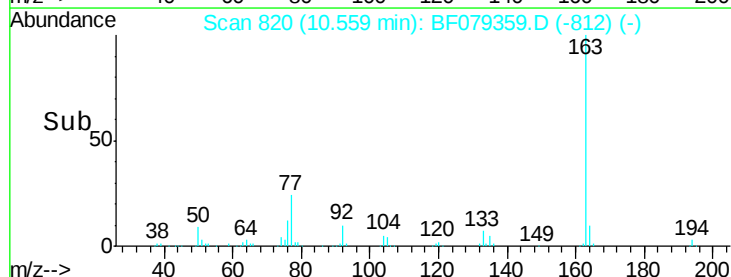
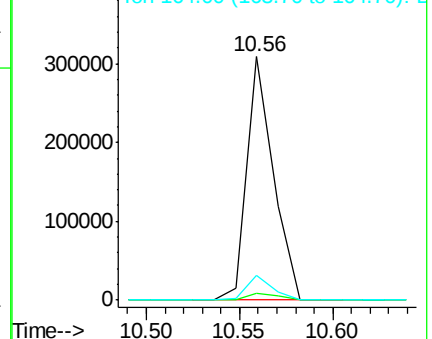
163 100

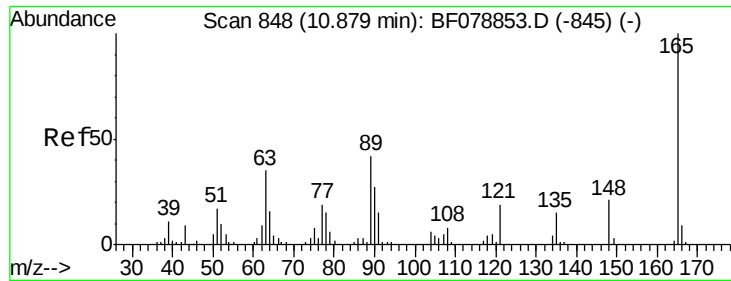
194 3.0 2.4 3.6

164 10.3 8.6 12.8



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

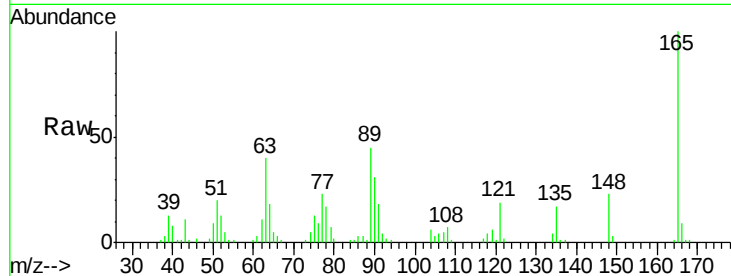




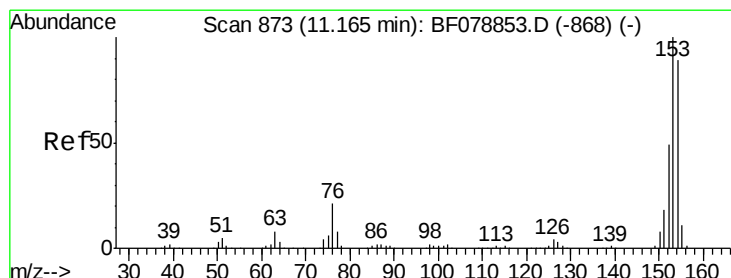
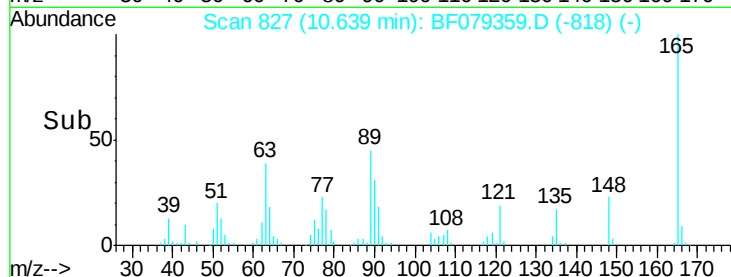
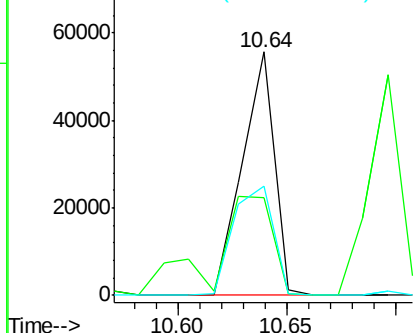
#50
2,6-Dinitrotoluene
Concen: 44.41 ng
RT: 10.64 min Scan# 827
Delta R.T. 0.00 min
Lab File: BF079359.D
Acq: 20 May 2015 1:36

Instrument :
BNA_F
ClientSampleId :
SB-20MSD

Tgt Ion:165 Resp: 56749
Ion Ratio Lower Upper
165 100
63 40.4 29.2 43.8
89 44.6 33.3 49.9

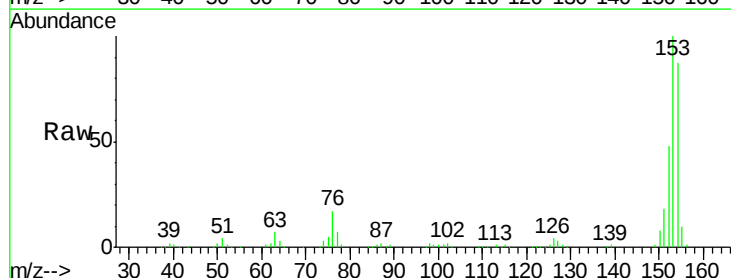


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

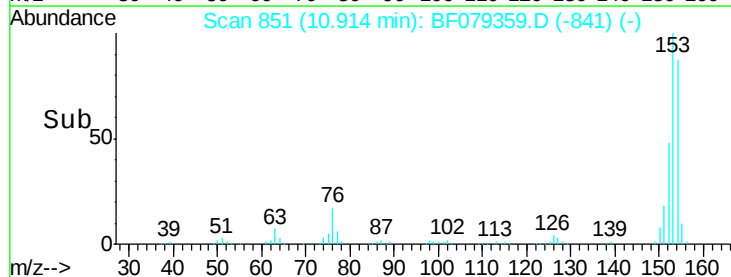
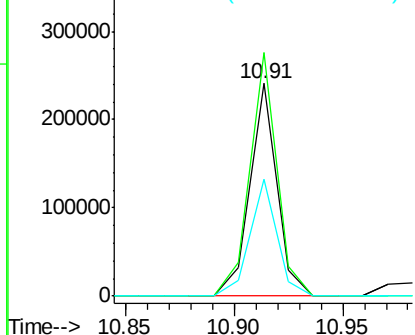


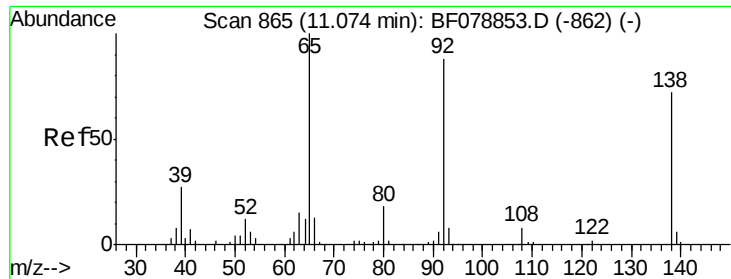
#51
Acenaphthene
Concen: 38.80 ng
RT: 10.91 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF079359.D
Acq: 20 May 2015 1:36

Tgt Ion:154 Resp: 207837
Ion Ratio Lower Upper
154 100
153 114.5 90.2 135.2
152 55.0 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

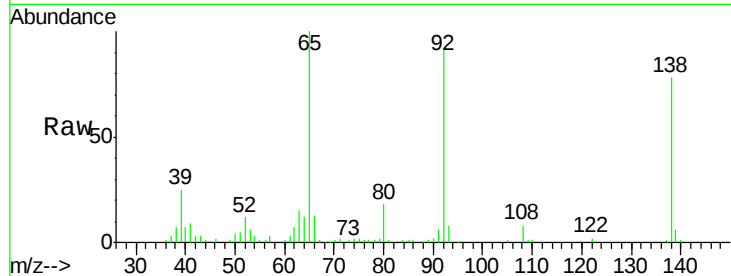




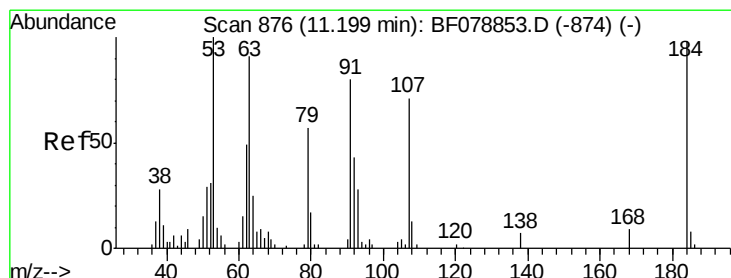
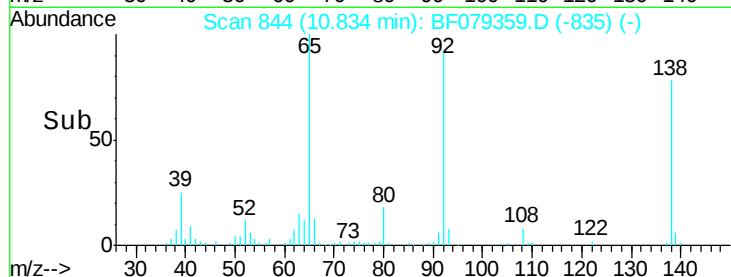
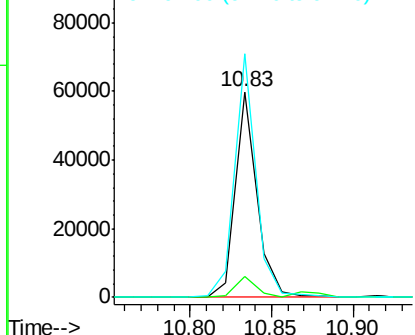
#52
 3-Nitroaniline
 Concen: 34.11 ng
 RT: 10.83 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

Instrument :
 BNA_F
 ClientSampleId :
 SB-20MSD

Tgt Ion:138 Resp: 54446
 Ion Ratio Lower Upper
 138 100
 108 9.9 8.5 12.7
 92 118.5 97.4 146.0

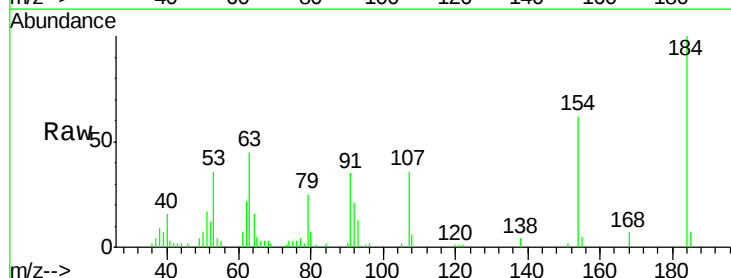


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF0

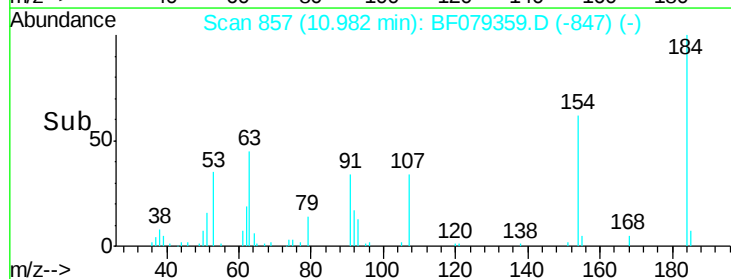
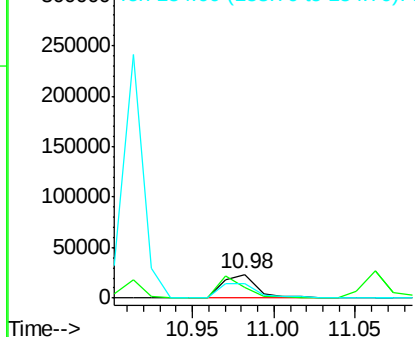


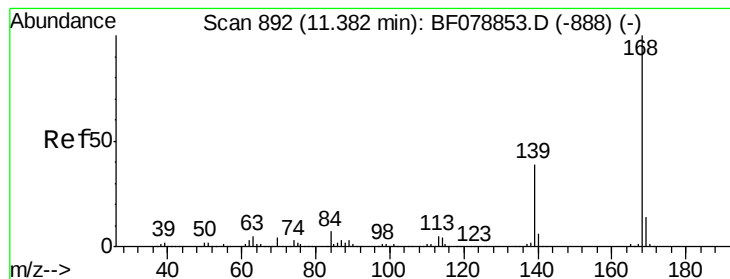
#53
 2,4-Dinitrophenol
 Concen: 69.96 ng
 RT: 10.98 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

Tgt Ion:184 Resp: 34639
 Ion Ratio Lower Upper
 184 100
 63 45.2 98.8 148.2#
 154 61.9 63.4 95.0#



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





#54

Dibenzenofuran

Concen: 41.87 ng

RT: 11.13 min Scan# 870

Delta R.T. 0.00 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

Instrument :

BNA_F

ClientSampleId :

SB-20MSD

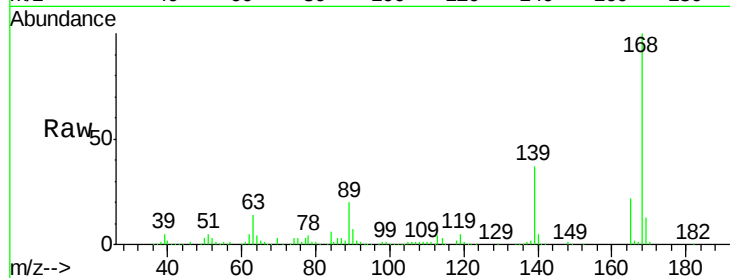
Tgt Ion:168 Resp: 323992

Ion Ratio Lower Upper

168 100

139 37.1 31.5 47.3

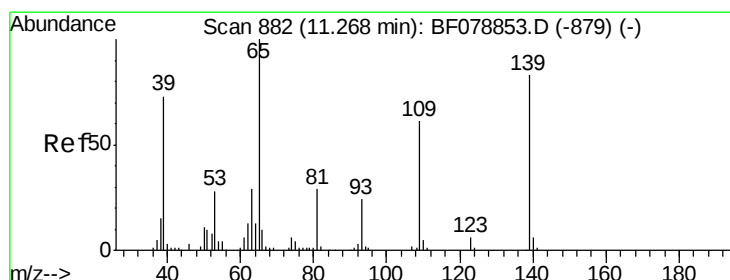
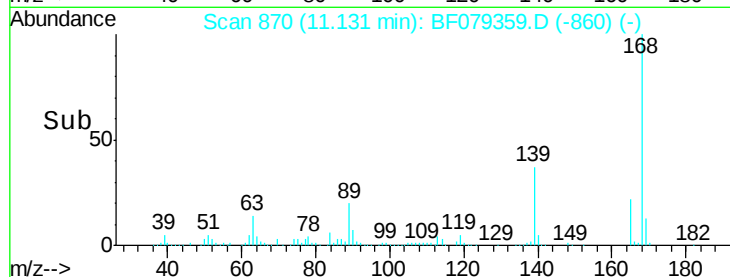
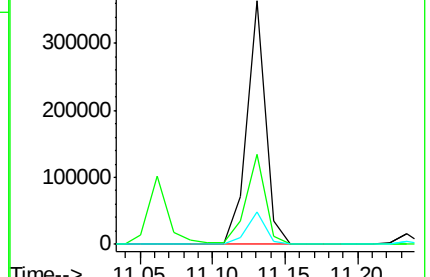
169 13.1 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 79.43 ng

RT: 11.06 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

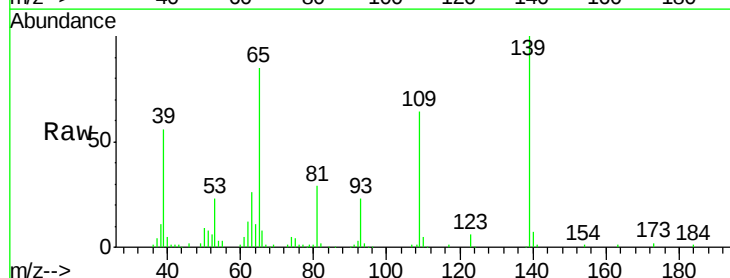
Tgt Ion:139 Resp: 100358

Ion Ratio Lower Upper

139 100

109 64.1 54.4 94.4

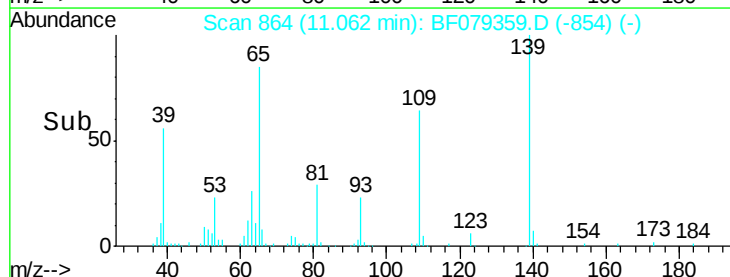
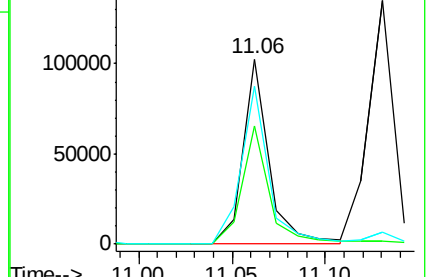
65 85.1 101.0 141.0#

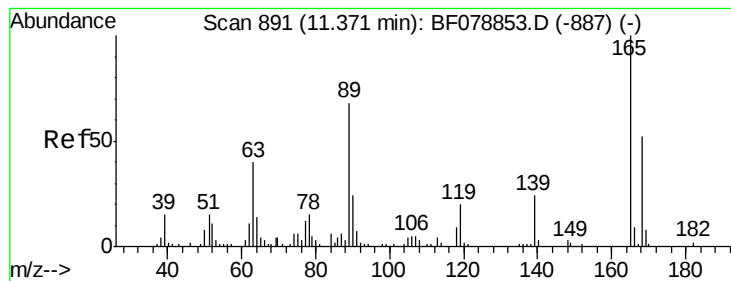


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

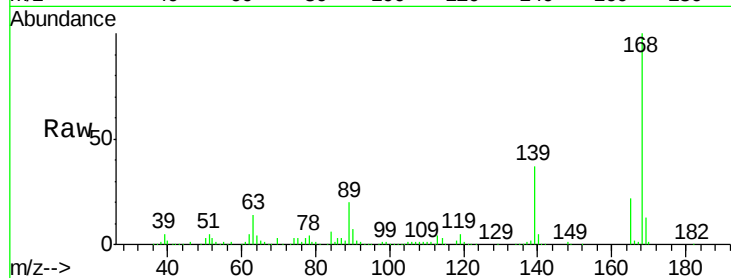




#56
2,4-Dinitrotoluene
Concen: 44.28 ng
RT: 11.13 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF079359.D
Acq: 20 May 2015 1:36

Instrument :
BNA_F
ClientSampleId :
SB-20MSD

Tgt Ion	Ratio	Lower	Upper
165	100		
63	65.9	32.3	48.5#
89	92.1	54.6	81.8#
182	1.8	1.8	2.6

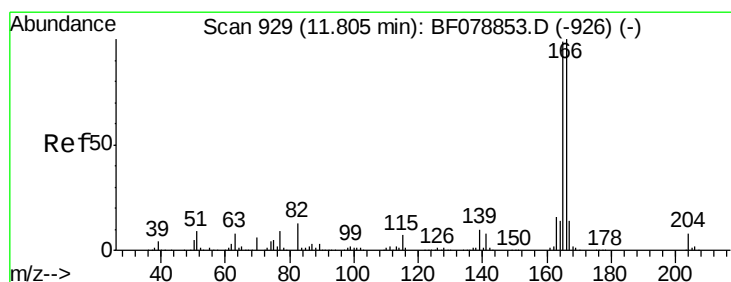
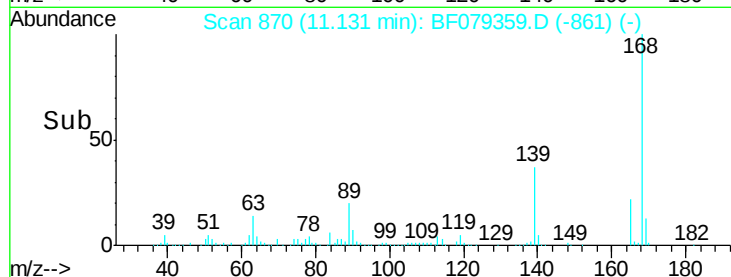
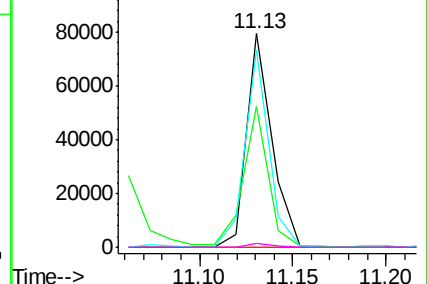


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

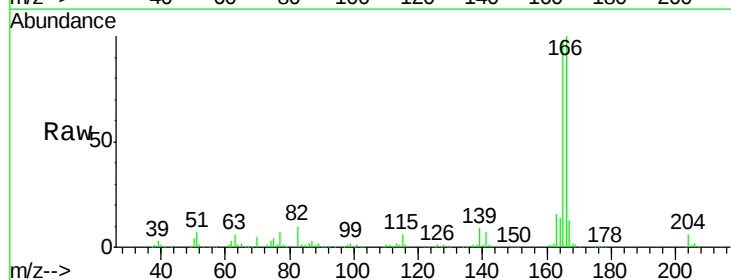
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 40.91 ng
RT: 11.55 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF079359.D
Acq: 20 May 2015 1:36

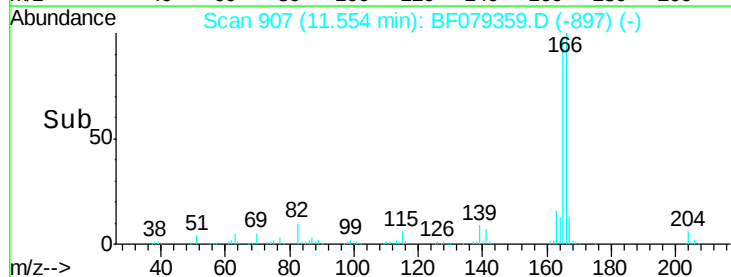
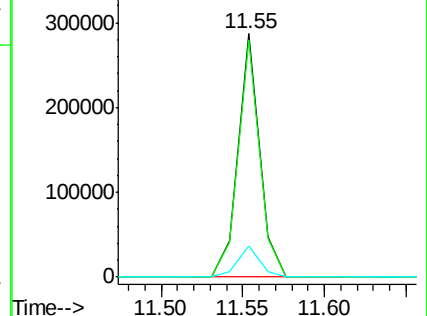
Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.5	79.5	119.3
167	12.8	11.0	16.6

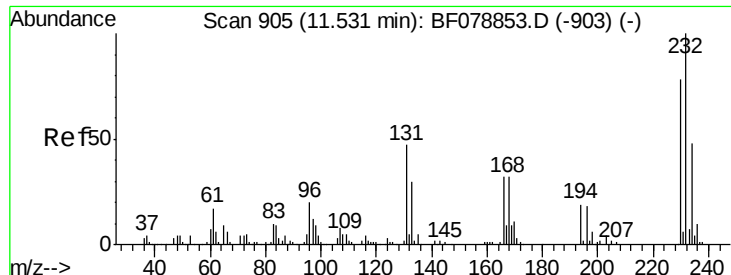


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

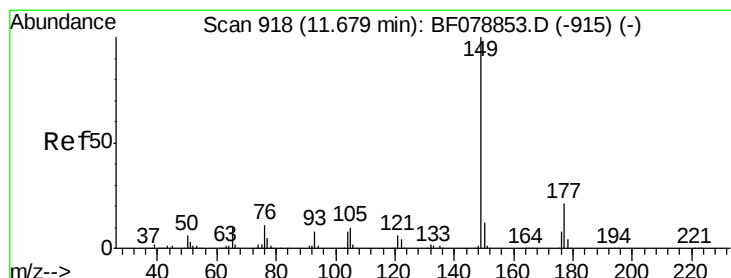
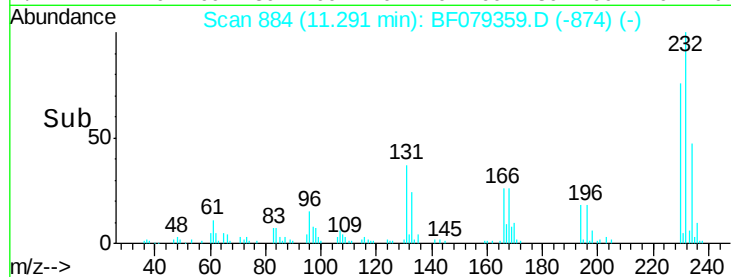
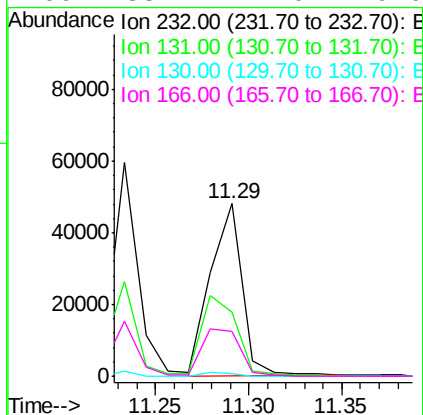
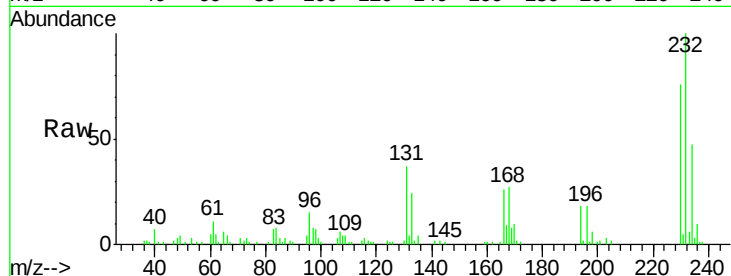




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.92 ng
 RT: 11.29 min Scan# 884
 Delta R.T. 0.00 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

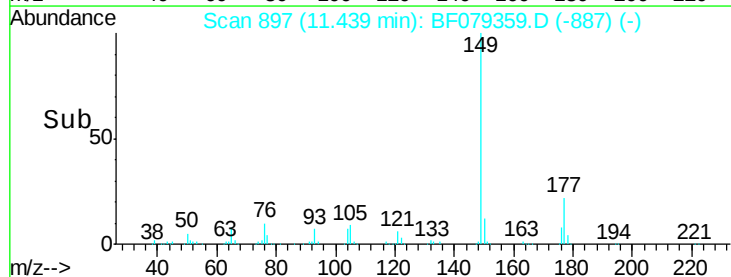
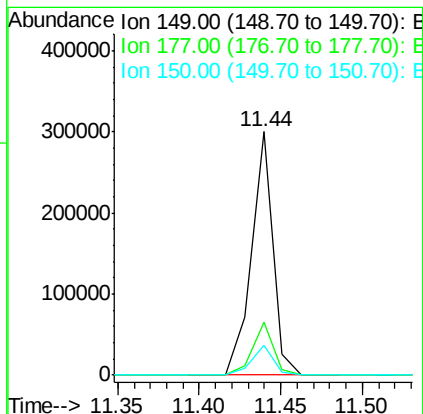
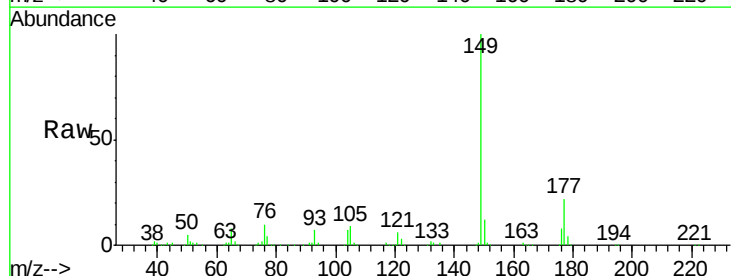
Instrument :
 BNA_F
 ClientSampleId :
 SB-20MSD

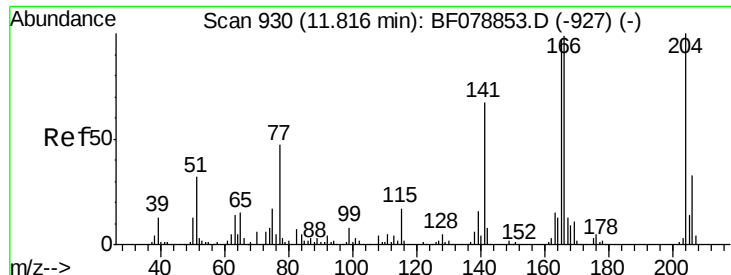
Tgt Ion:	232	Resp:	56340
Ion	Ratio	Lower	Upper
232	100		
131	53.8	41.9	62.9
130	2.5	1.9	2.9
166	33.4	27.0	40.6



#59
 Diethylphthalate
 Concen: 42.55 ng
 RT: 11.44 min Scan# 897
 Delta R.T. 0.00 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

Tgt Ion:	149	Resp:	272932
Ion	Ratio	Lower	Upper
149	100		
177	21.5	16.4	24.6
150	12.2	9.8	14.6

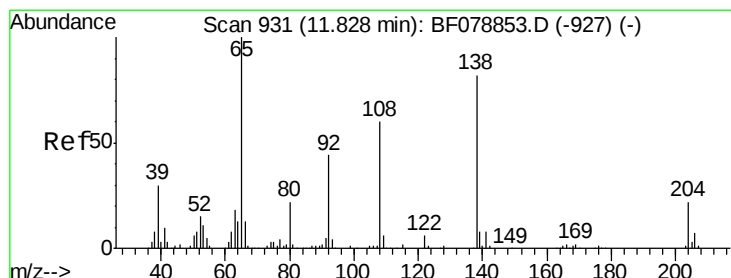
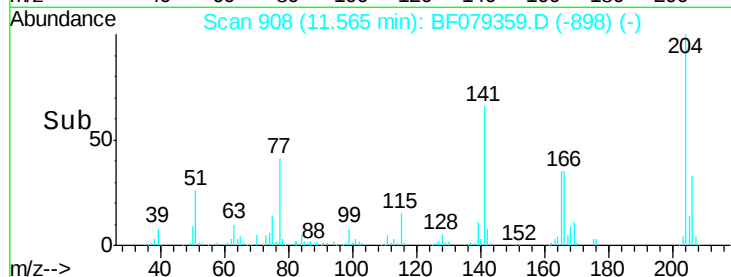
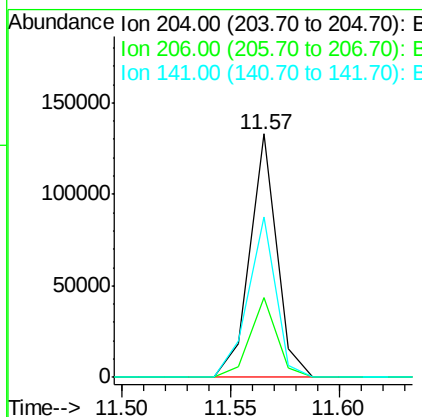
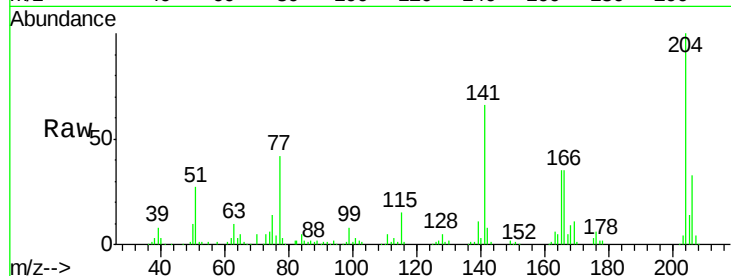




#60
 4-Chlorophenyl-phenylether
 Concen: 40.68 ng
 RT: 11.57 min Scan# 908
 Delta R.T. 0.00 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

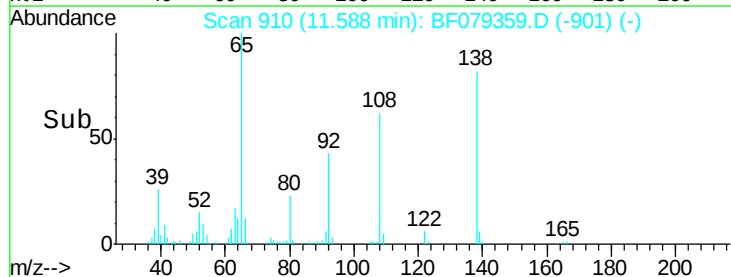
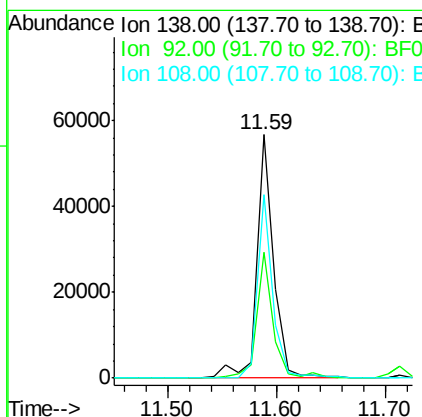
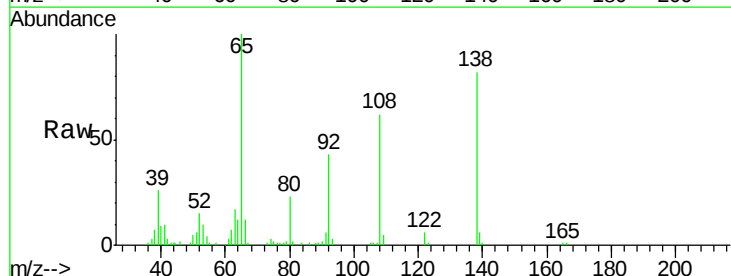
Instrument :
 BNA_F
 ClientSampleId :
 SB-20MSD

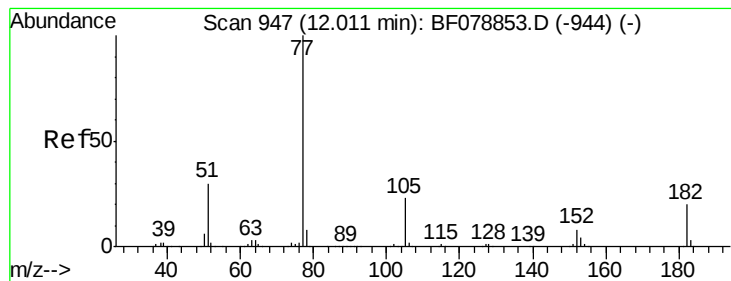
Tgt Ion: 204 Resp: 114609
 Ion Ratio Lower Upper
 204 100
 206 32.6 26.2 39.4
 141 65.8 53.6 80.4



#61
 4-Nitroaniline
 Concen: 38.60 ng
 RT: 11.59 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

Tgt Ion: 138 Resp: 61635
 Ion Ratio Lower Upper
 138 100
 92 51.9 33.7 73.7
 108 75.3 53.4 93.4





#62

Azobenzene

Concen: 41.33 ng

RT: 11.76 min Scan# 925

Delta R.T. 0.00 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

Instrument :

BNA_F

ClientSampleId :

SB-20MSD

Tgt Ion: 77 Resp: 261264

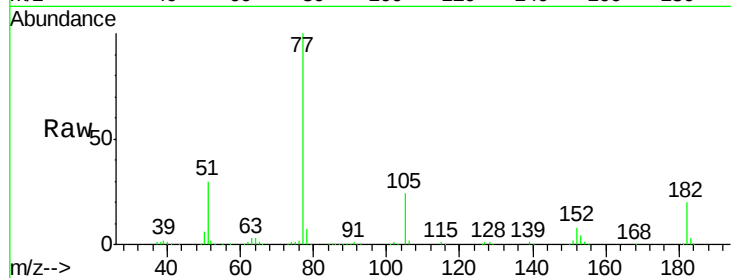
Ion Ratio Lower Upper

77 100

182 20.1 0.0 40.0

105 23.6 2.9 42.9

51 29.8 10.0 50.0

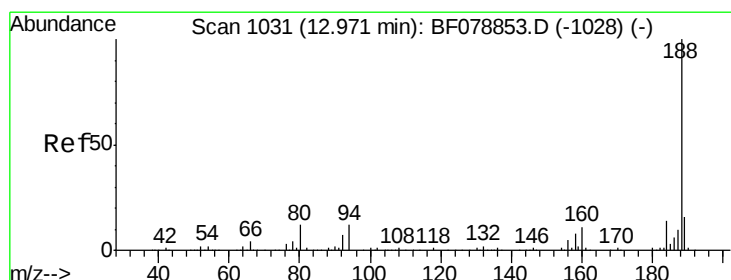
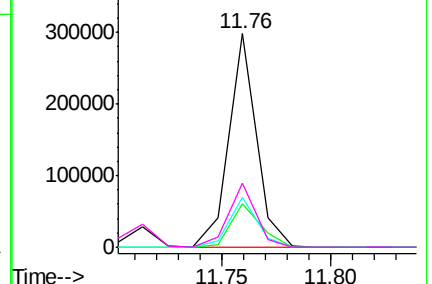
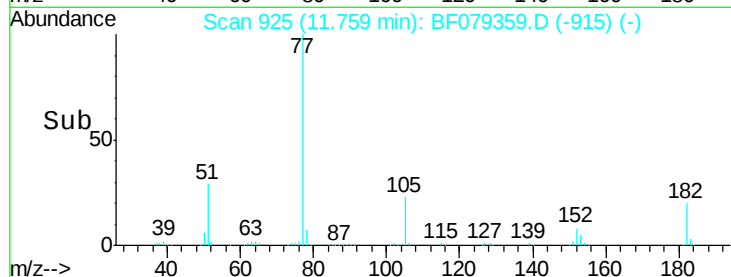


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.71 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

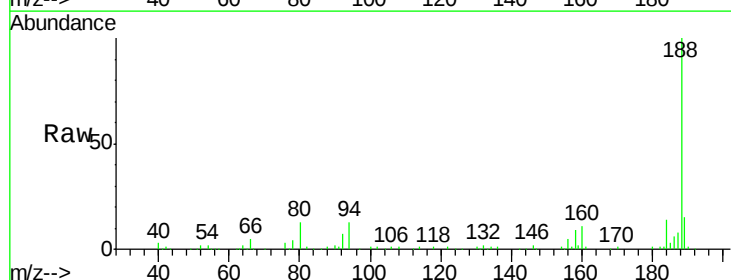
Tgt Ion: 188 Resp: 170386

Ion Ratio Lower Upper

188 100

94 12.7 9.4 14.0

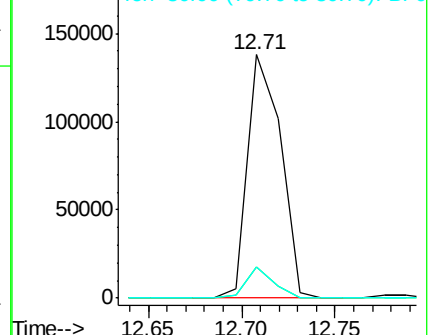
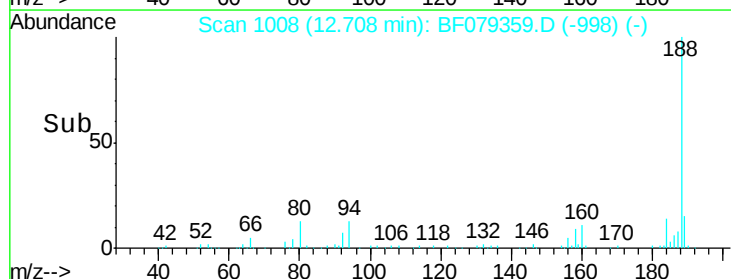
80 12.9 9.8 14.6

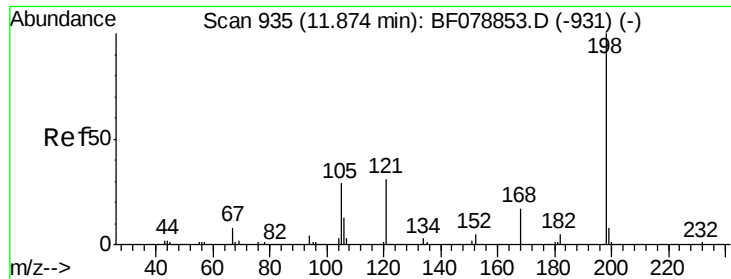


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

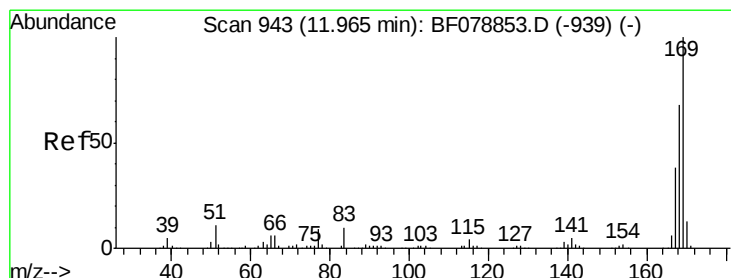
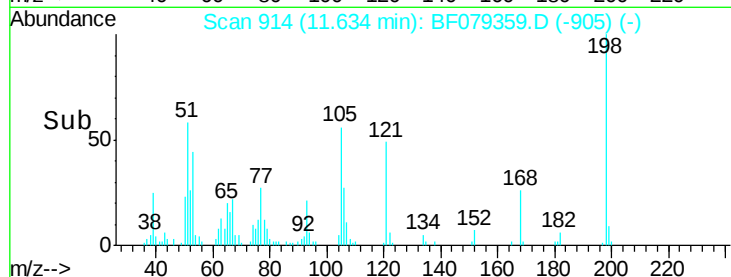
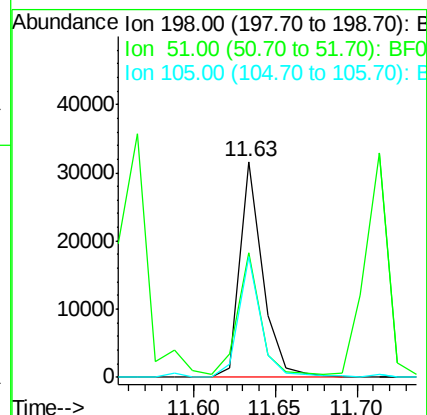
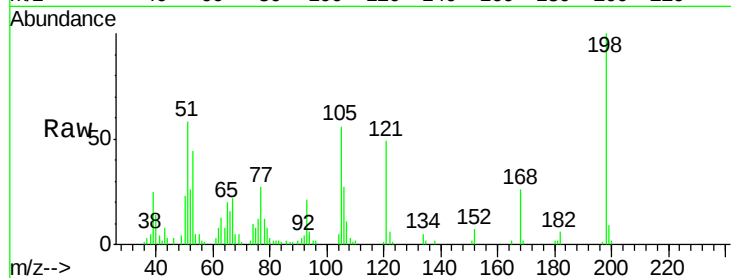




#64
4,6-Dinitro-2-methylphenol
Concen: 44.19 ng
RT: 11.63 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF079359.D
Acq: 20 May 2015 1:36

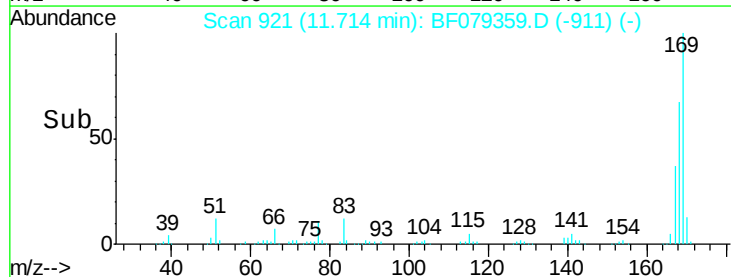
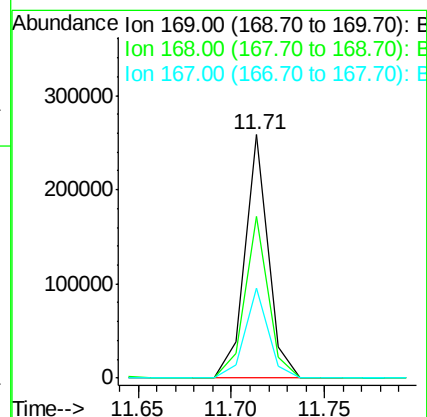
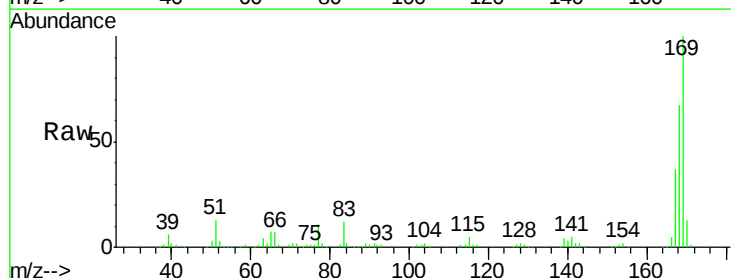
Instrument :
BNA_F
ClientSampleId :
SB-20MSD

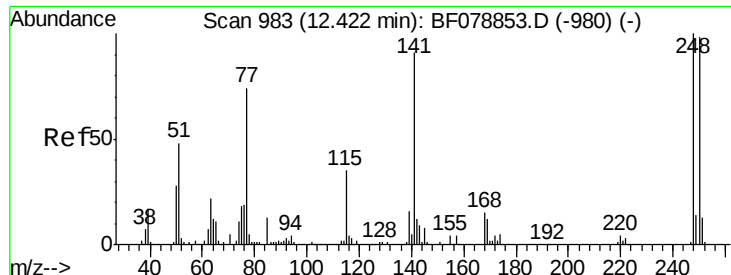
Tgt Ion:198 Resp: 30373
Ion Ratio Lower Upper
198 100
51 57.6 7.0 47.0#
105 56.1 13.7 53.7#



#65
n-Nitrosodiphenylamine
Concen: 39.93 ng
RT: 11.71 min Scan# 921
Delta R.T. 0.00 min
Lab File: BF079359.D
Acq: 20 May 2015 1:36

Tgt Ion:169 Resp: 226595
Ion Ratio Lower Upper
169 100
168 66.6 54.1 81.1
167 37.2 30.1 45.1

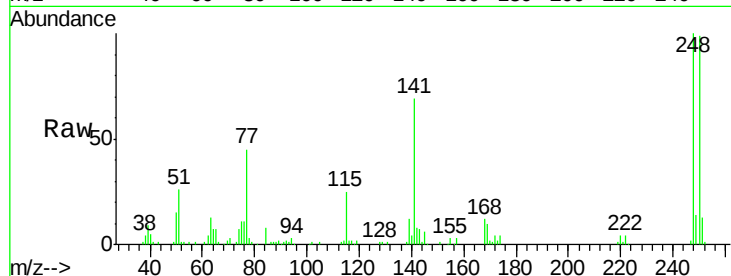




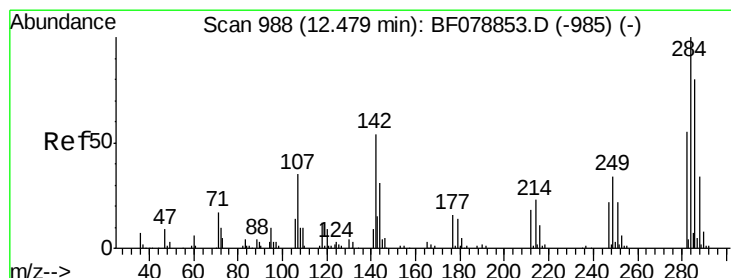
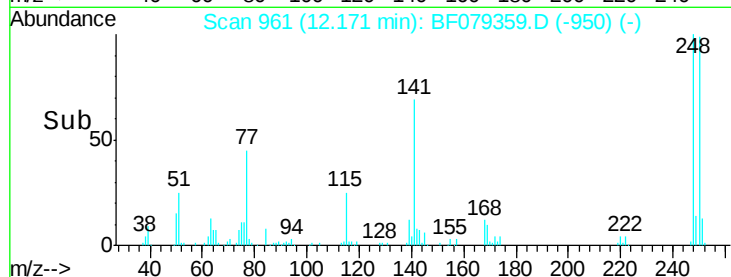
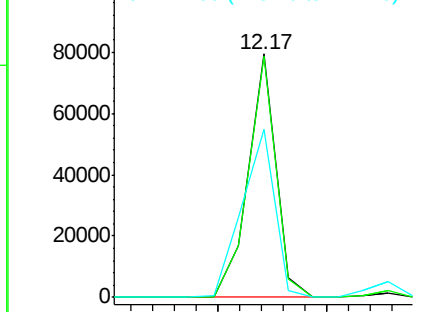
#66
 4-Bromophenyl-phenylether
 Concen: 39.68 ng
 RT: 12.17 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

Instrument :
 BNA_F
 ClientSampled :
 SB-20MSD

Tgt Ion: 248 Resp: 70465
 Ion Ratio Lower Upper
 248 100
 250 98.9 78.0 117.0
 141 69.0 72.6 109.0#

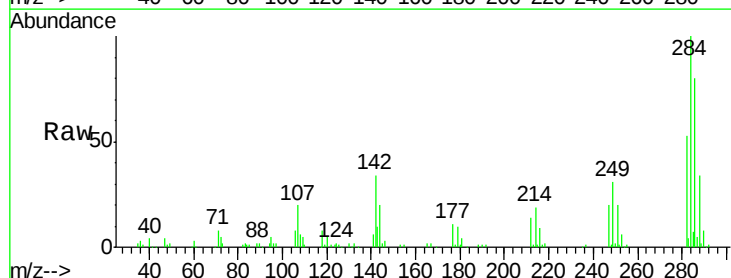


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

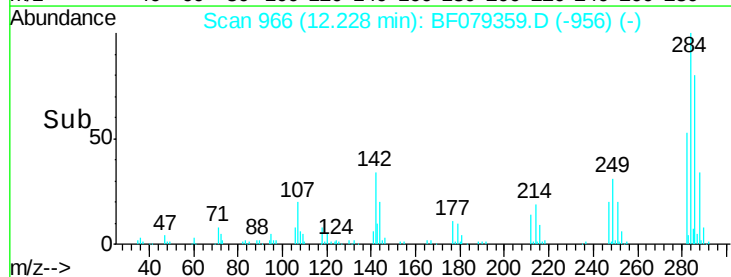
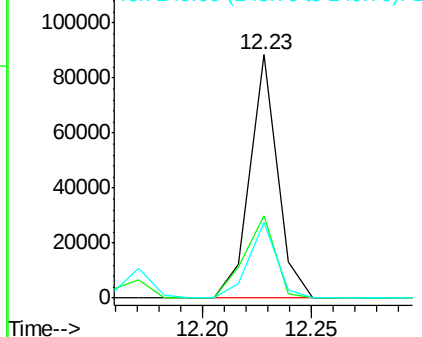


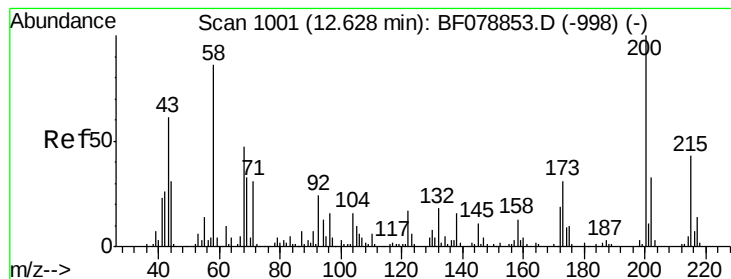
#67
 Hexachlorobenzene
 Concen: 38.47 ng
 RT: 12.23 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

Tgt Ion: 284 Resp: 78098
 Ion Ratio Lower Upper
 284 100
 142 33.6 43.2 64.8#
 249 31.1 27.5 41.3



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: 43.57 ng

RT: 12.39 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

Instrument :

BNA_F

ClientSampleId :

SB-20MSD

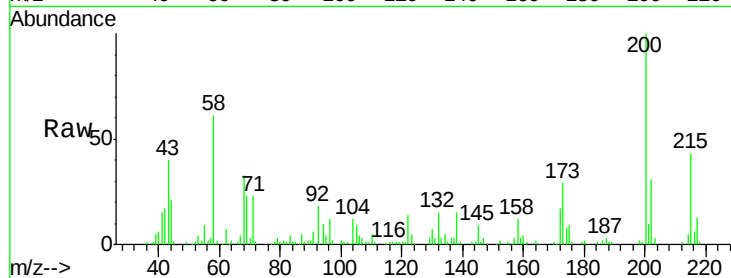
Tgt Ion:200 Resp: 71891

Ion Ratio Lower Upper

200 100

173 29.1 10.9 50.9

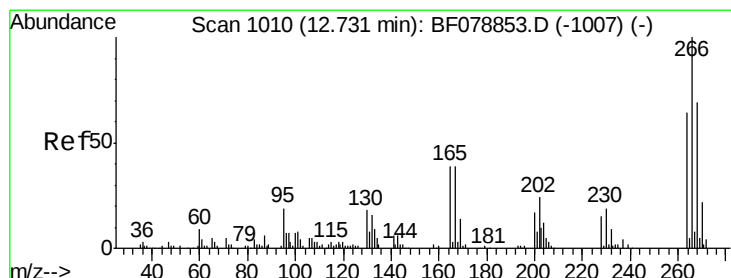
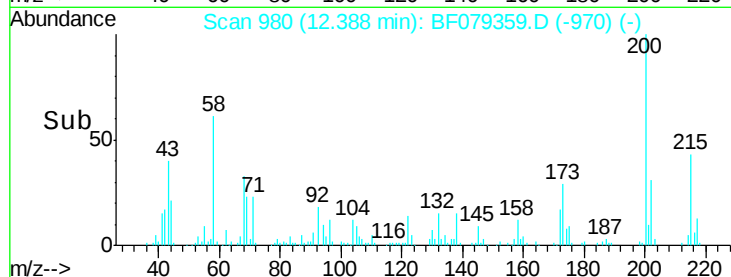
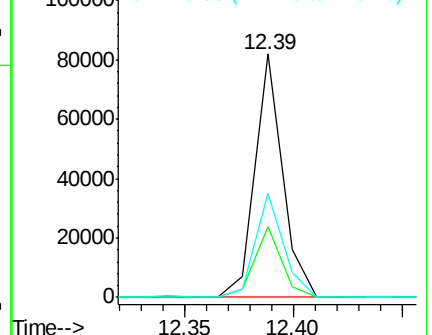
215 42.7 23.2 63.2



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: 64.99 ng

RT: 12.48 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

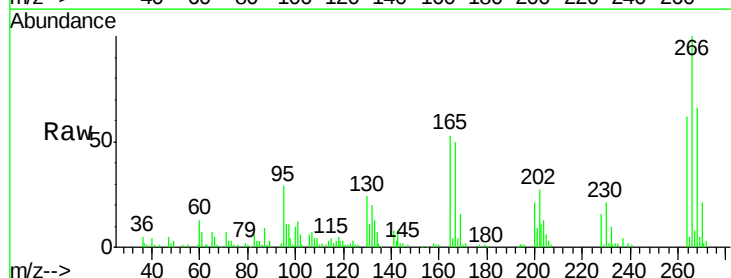
Tgt Ion:266 Resp: 75519

Ion Ratio Lower Upper

266 100

268 66.1 55.0 82.6

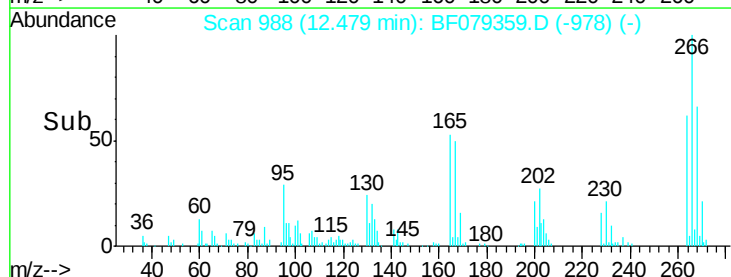
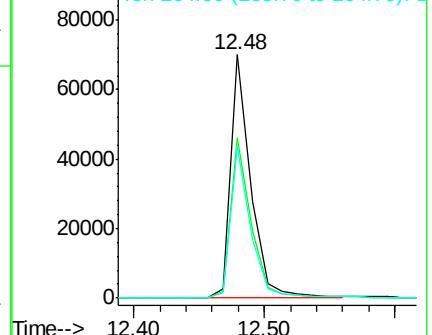
264 62.2 50.9 76.3

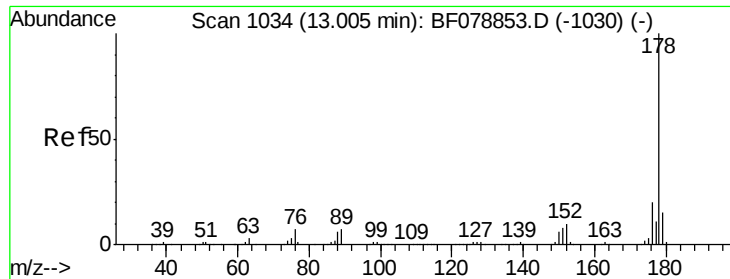


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

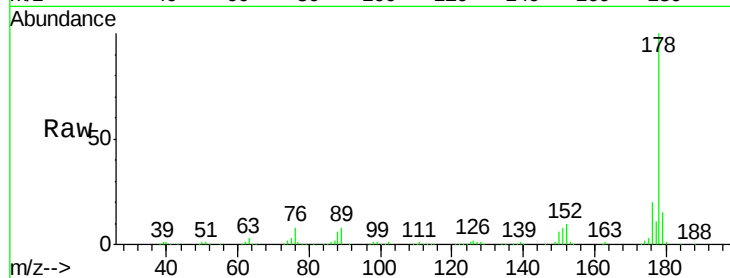




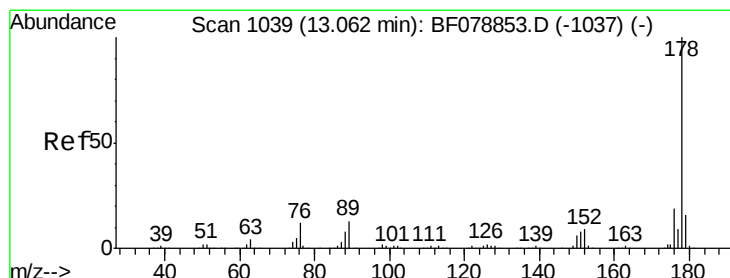
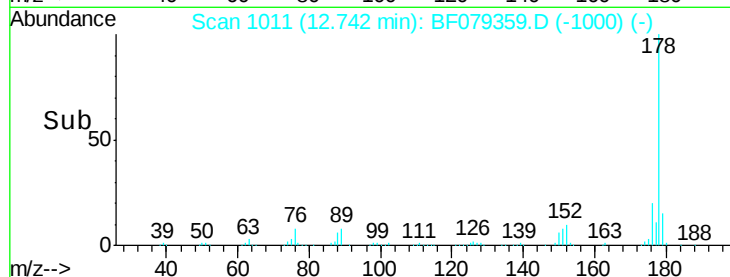
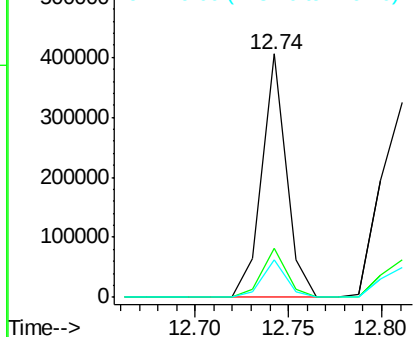
#70
Phenanthrene
Concen: 38.55 ng
RT: 12.74 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF079359.D
Acq: 20 May 2015 1:36

Instrument :
BNA_F
ClientSampleId :
SB-20MSD

Tgt Ion:178 Resp: 367493
Ion Ratio Lower Upper
178 100
176 19.9 15.9 23.9
179 15.5 12.2 18.4

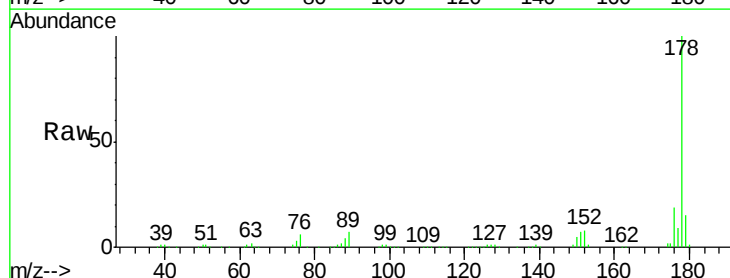


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

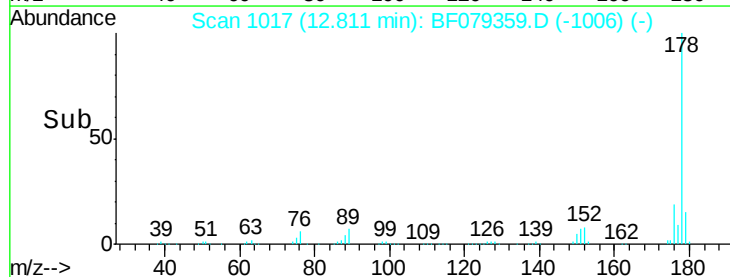
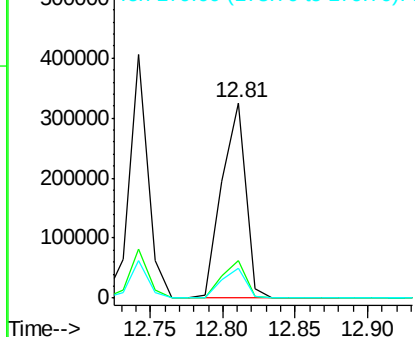


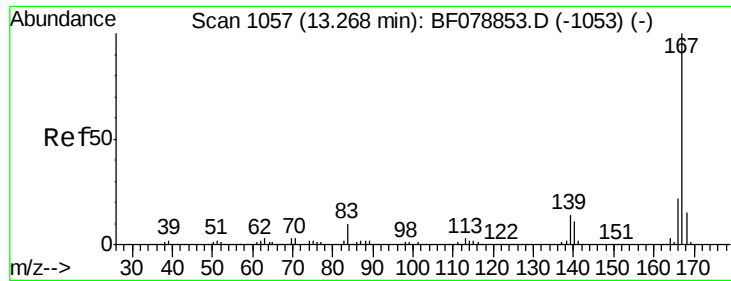
#71
Anthracene
Concen: 39.73 ng
RT: 12.81 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF079359.D
Acq: 20 May 2015 1:36

Tgt Ion:178 Resp: 371540
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.4 12.6 19.0



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





#72

Carbazole

Concen: 42.65 ng

RT: 13.02 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

Instrument :

BNA_F

ClientSampleId :

SB-20MSD

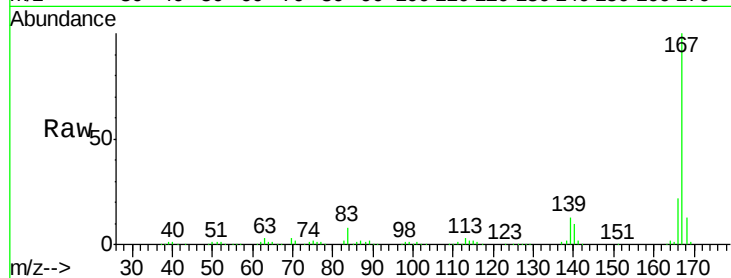
Tgt Ion:167 Resp: 380121

Ion Ratio Lower Upper

167 100

166 21.6 17.5 26.3

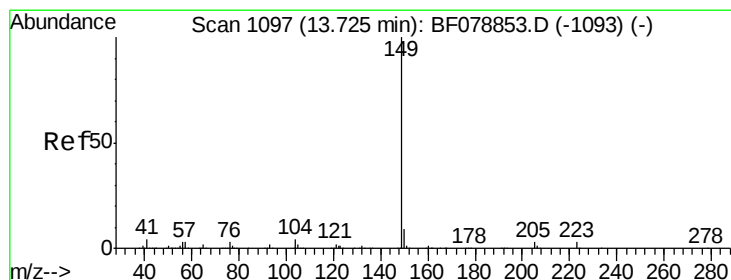
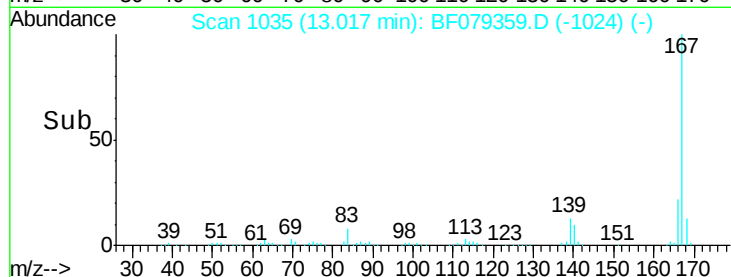
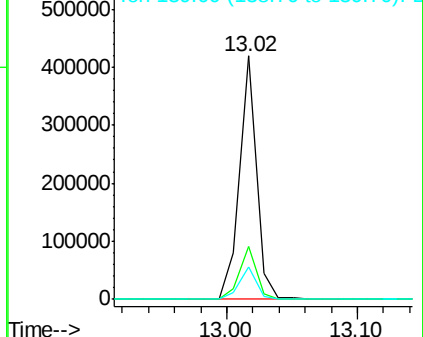
139 13.5 11.0 16.4



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: 42.88 ng

RT: 13.47 min Scan# 1075

Delta R.T. 0.00 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

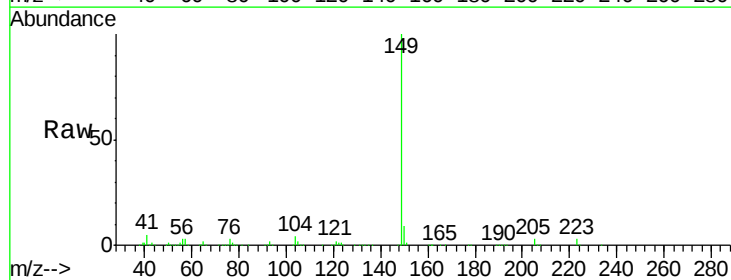
Tgt Ion:149 Resp: 458296

Ion Ratio Lower Upper

149 100

150 8.9 7.0 10.4

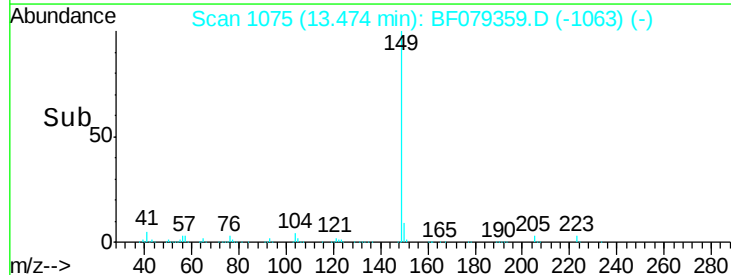
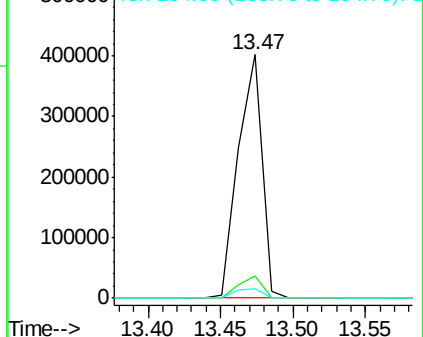
104 4.0 3.3 4.9

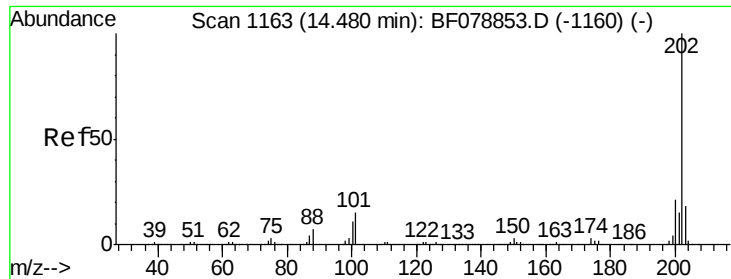


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

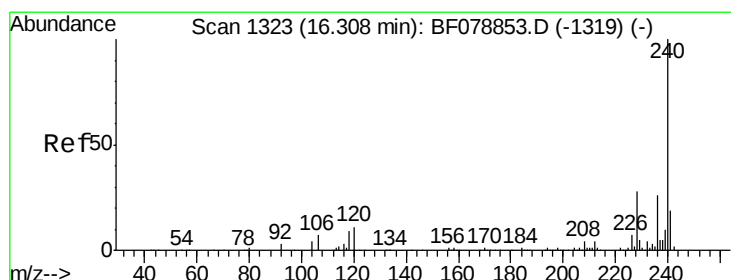
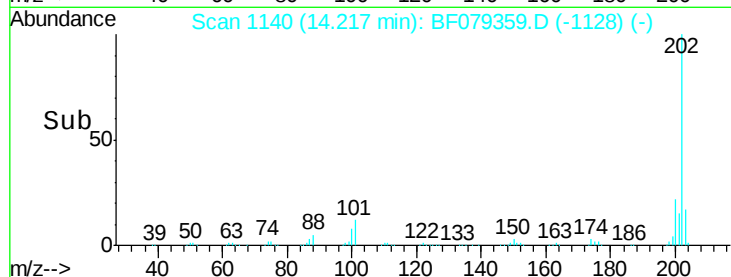
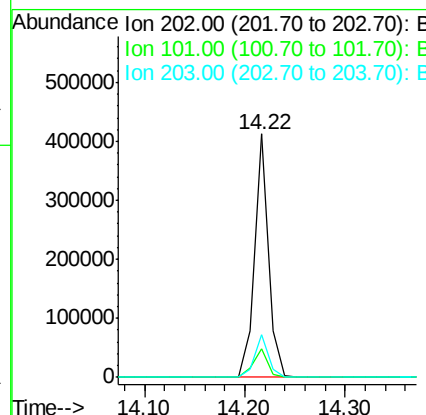
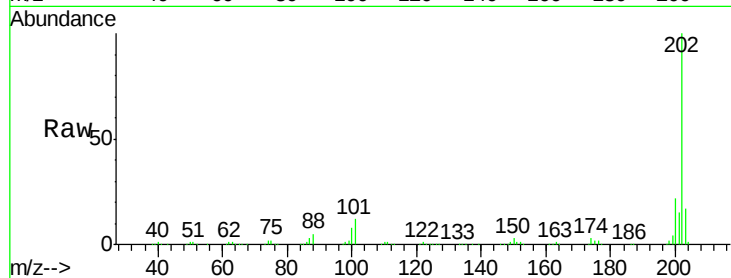




#74
 Fluoranthene
 Concen: 39.86 ng
 RT: 14.22 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

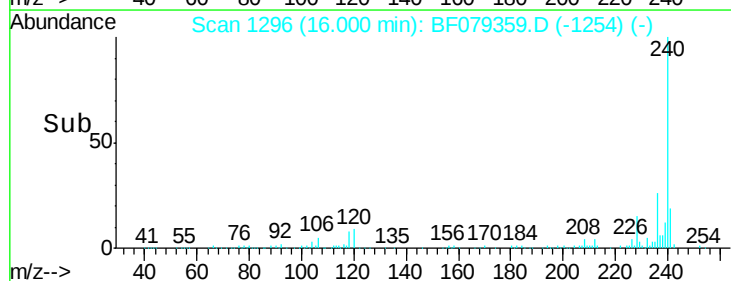
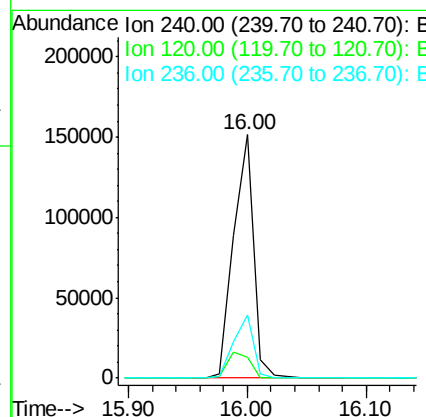
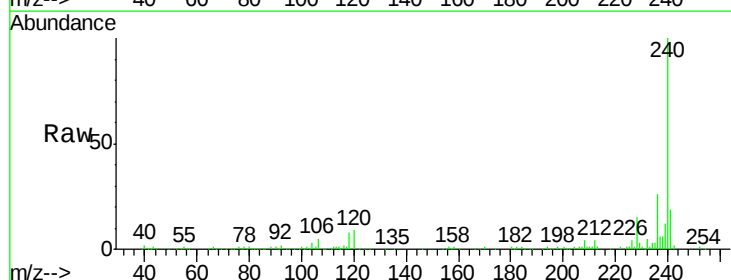
Instrument :
 BNA_F
 ClientSampled :
 SB-20MSD

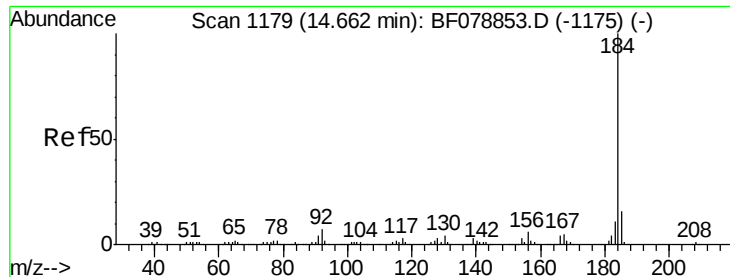
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	34.7
203	17.4	0.0	37.9



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.00 min Scan# 1296
 Delta R.T. -0.02 min
 Lab File: BF079359.D
 Acq: 20 May 2015 1:36

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.6	8.6	12.8
236	25.8	21.0	31.6

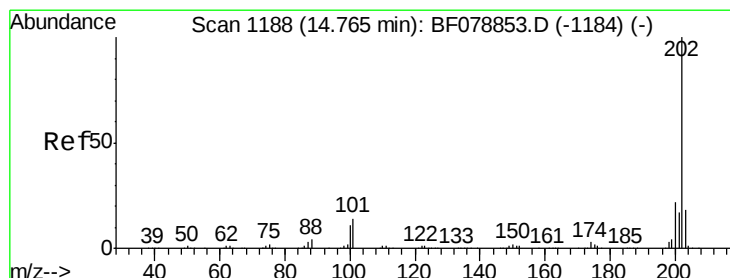
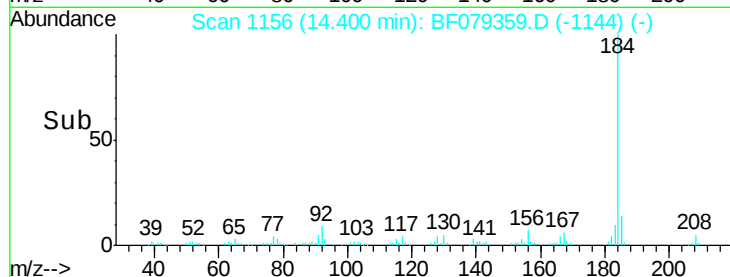
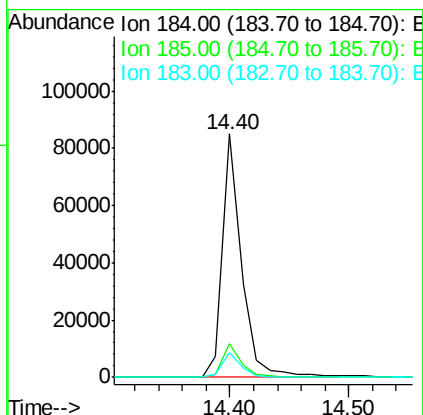
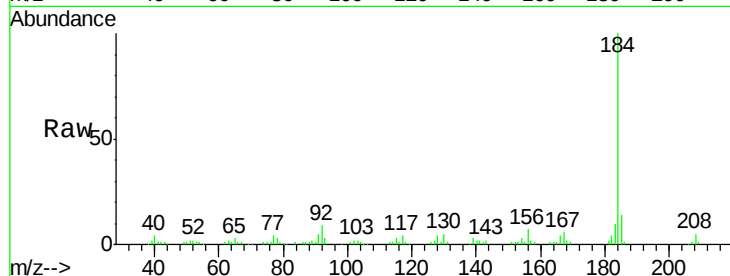




#76
Benzidine
Concen: 19.90 ng
RT: 14.40 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF079359.D
Acq: 20 May 2015 1:36

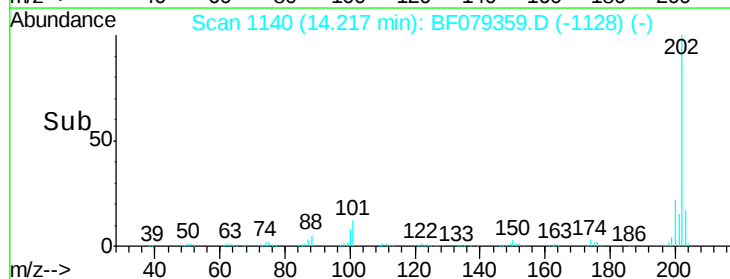
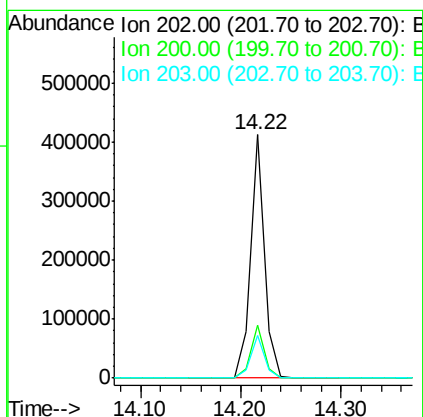
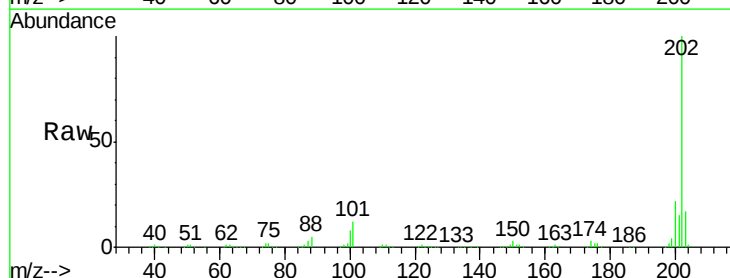
Instrument :
BNA_F
ClientSampleId :
SB-20MSD

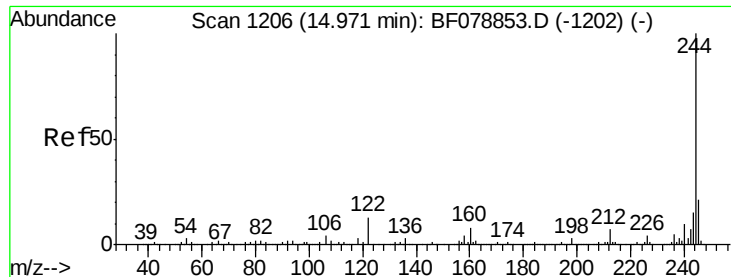
Tgt Ion:184 Resp: 94779
Ion Ratio Lower Upper
184 100
185 14.0 12.8 19.2
183 10.4 9.0 13.4



#77
Pyrene
Concen: 38.87 ng
RT: 14.22 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF079359.D
Acq: 20 May 2015 1:36

Tgt Ion:202 Resp: 395914
Ion Ratio Lower Upper
202 100
200 21.9 17.5 26.3
203 17.4 14.7 22.1





#78

Terphenyl-d14

Concen: 75.89 ng

RT: 14.71 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

Instrument :

BNA_F

ClientSampleId :

SB-20MSD

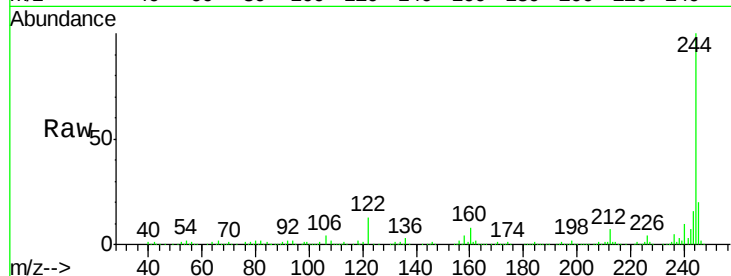
Tgt Ion:244 Resp: 560278

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

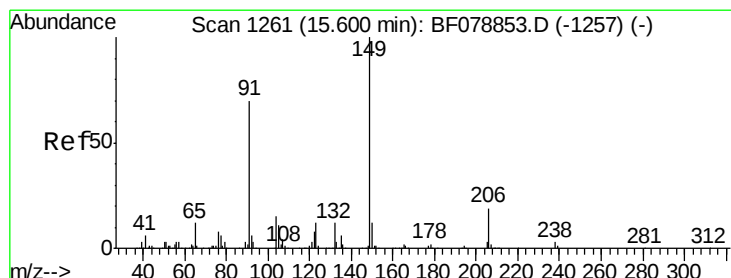
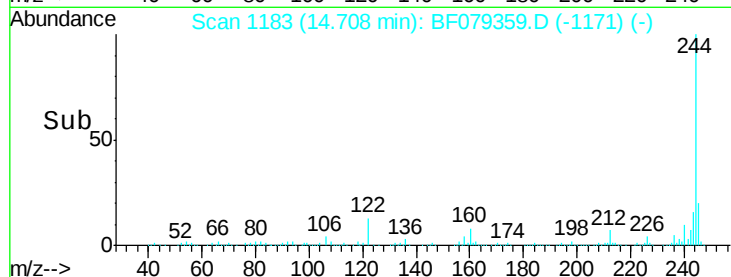
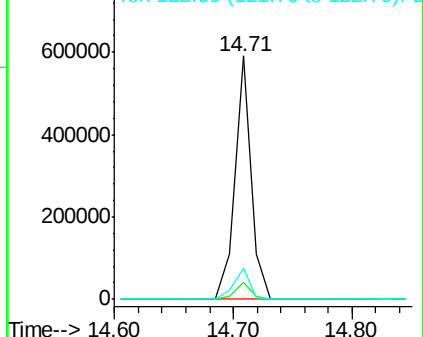
122 12.6 10.5 15.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 43.17 ng

RT: 15.33 min Scan# 1237

Delta R.T. -0.01 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

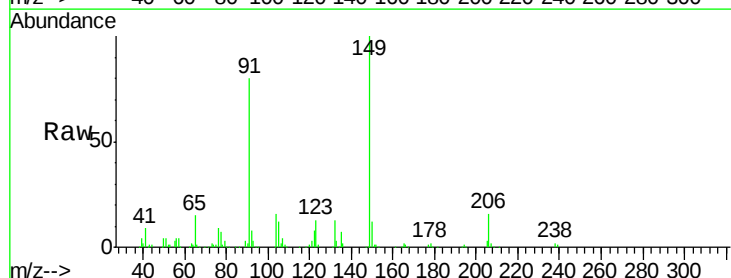
Tgt Ion:149 Resp: 192205

Ion Ratio Lower Upper

149 100

91 80.0 56.2 84.2

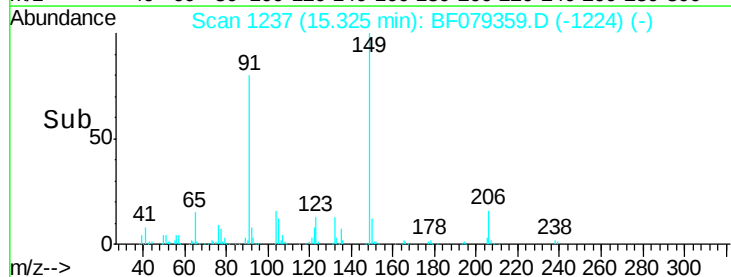
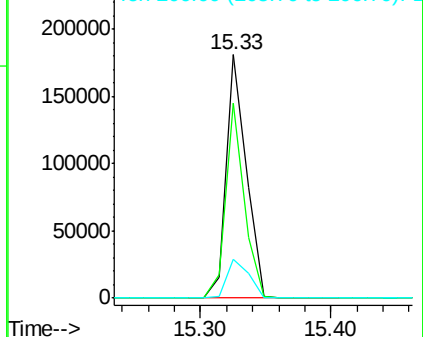
206 15.9 15.2 22.8

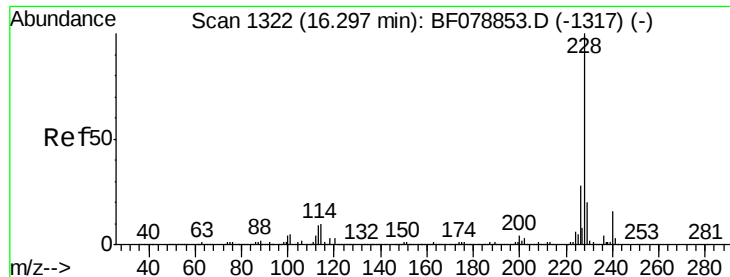


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 39.90 ng

RT: 15.99 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

Instrument :

BNA_F

ClientSampleId :

SB-20MSD

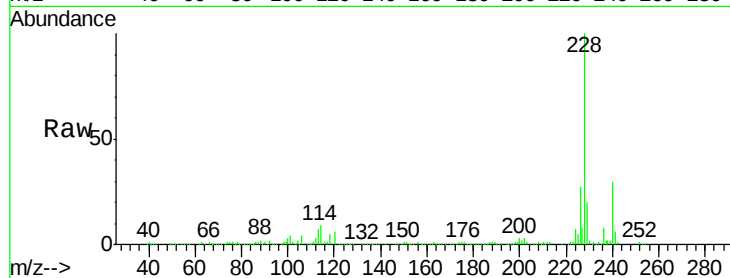
Tgt Ion:228 Resp: 386199

Ion Ratio Lower Upper

228 100

226 27.3 22.3 33.5

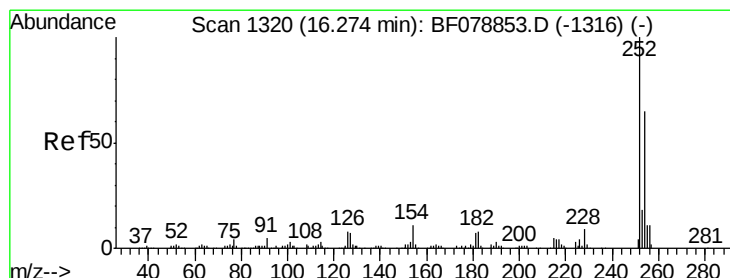
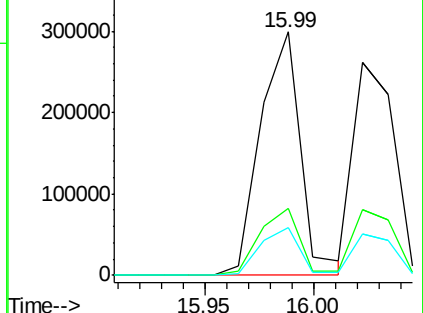
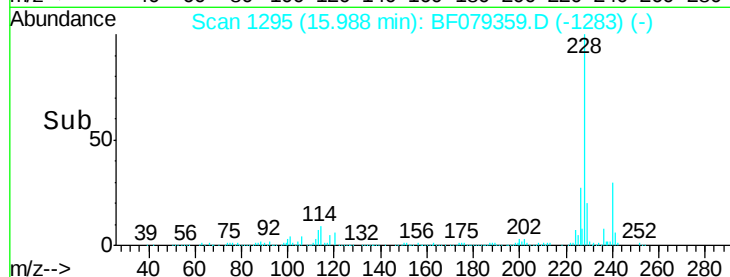
229 19.5 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 35.80 ng

RT: 15.97 min Scan# 1293

Delta R.T. -0.02 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

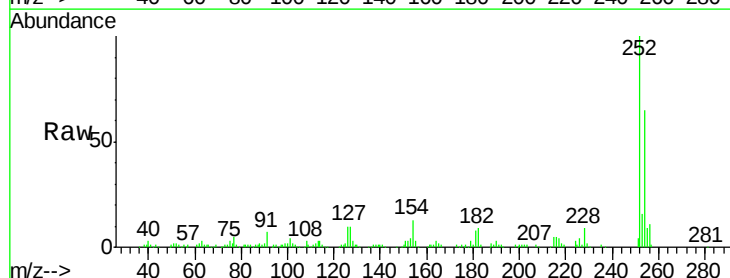
Tgt Ion:252 Resp: 123422

Ion Ratio Lower Upper

252 100

254 64.6 52.2 78.2

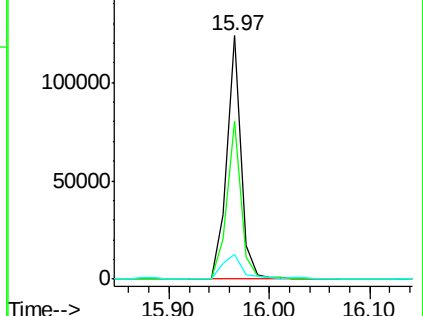
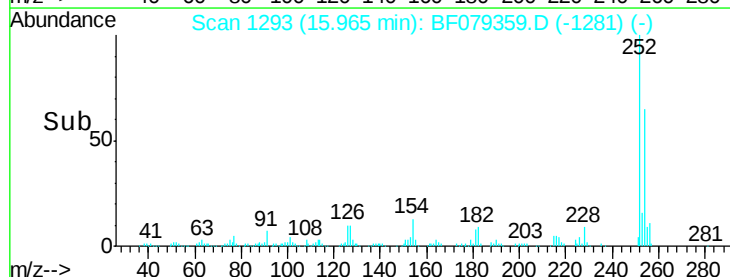
126 10.4 6.6 9.8#

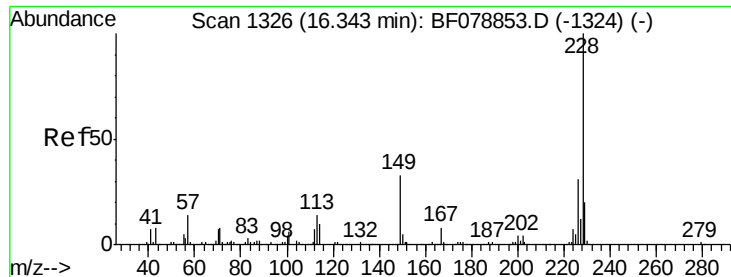


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 36.80 ng

RT: 16.02 min Scan# 1298

Delta R.T. -0.03 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

Instrument :

BNA_F

ClientSampleId :

SB-20MSD

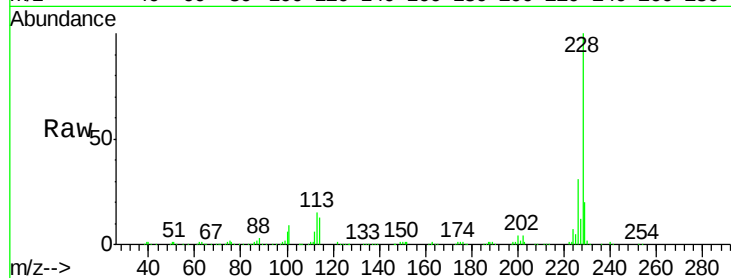
Tgt Ion: 228 Resp: 342561

Ion Ratio Lower Upper

228 100

226 31.1 24.8 37.2

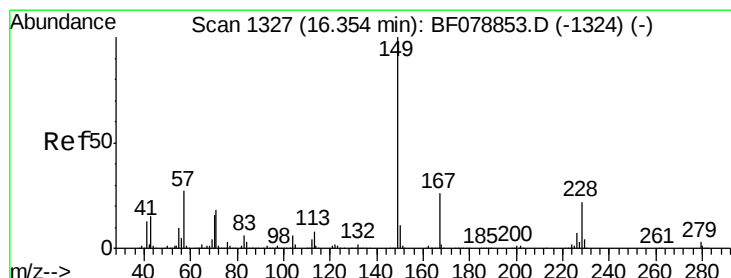
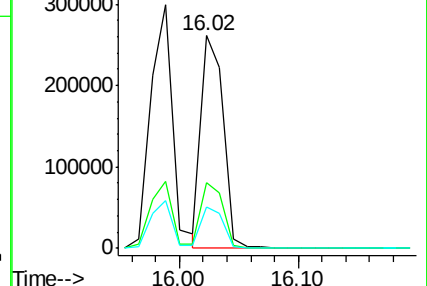
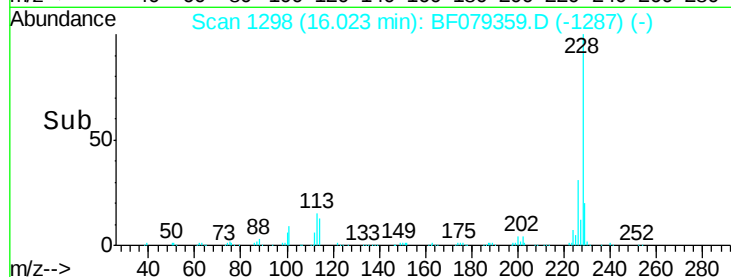
229 19.6 16.1 24.1



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: 44.94 ng

RT: 16.05 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

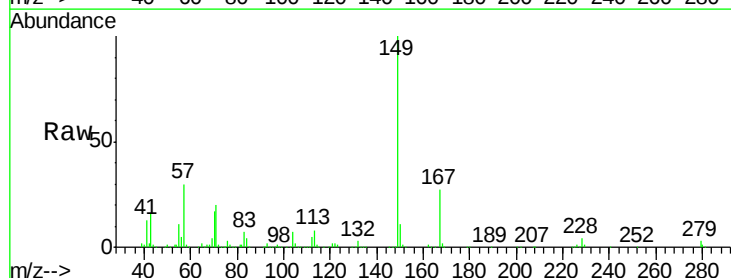
Tgt Ion: 149 Resp: 303061

Ion Ratio Lower Upper

149 100

167 26.6 21.2 31.8

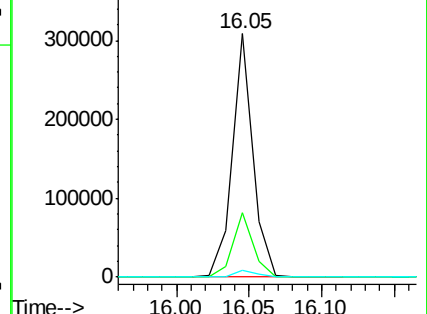
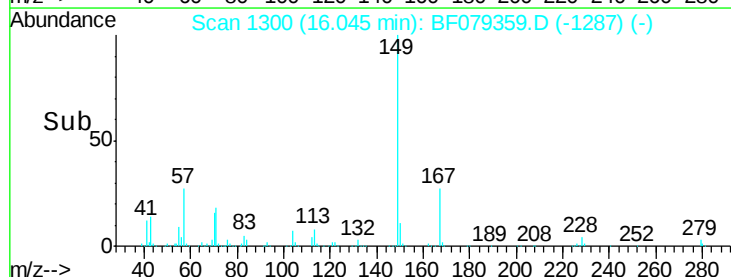
279 3.0 2.6 4.0

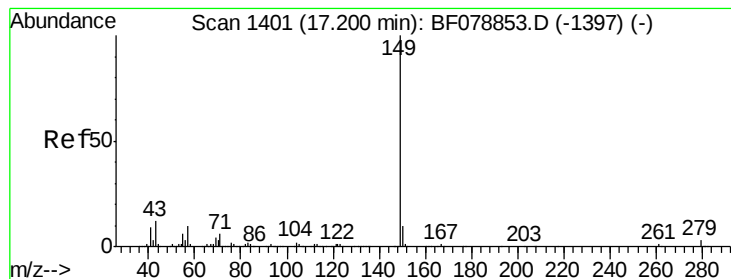


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 45.04 ng

RT: 16.82 min Scan# 1368

Delta R.T. -0.07 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

Instrument :

BNA_F

ClientSampleId :

SB-20MSD

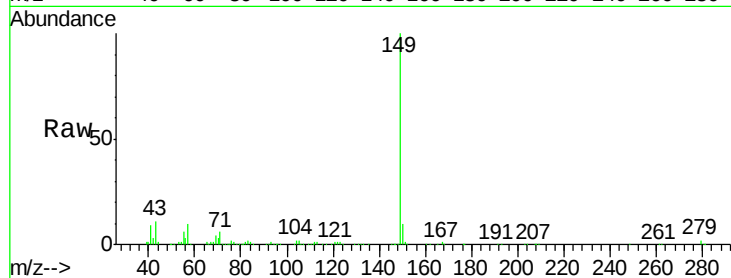
Tgt Ion:149 Resp: 534985

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

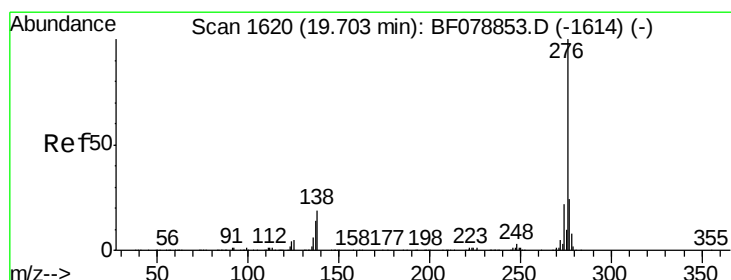
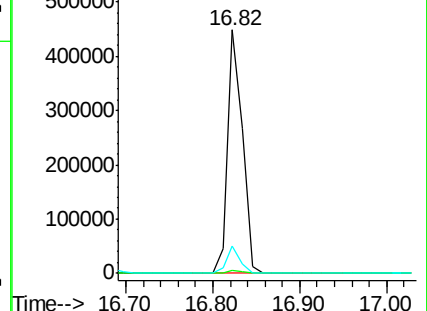
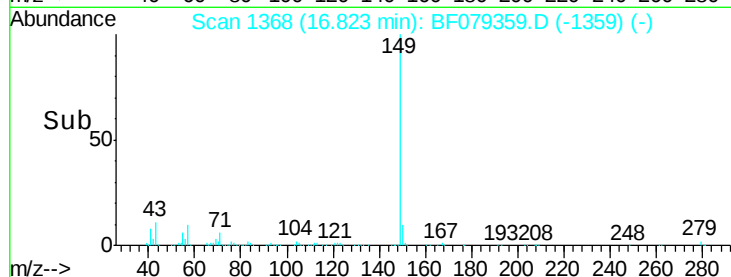
43 10.0 9.0 13.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 37.85 ng

RT: 19.06 min Scan# 1564

Delta R.T. -0.15 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

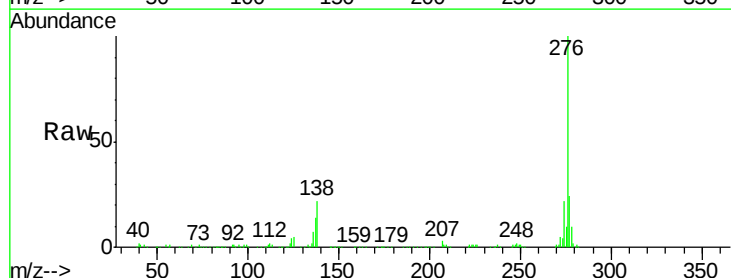
Tgt Ion:276 Resp: 448920

Ion Ratio Lower Upper

276 100

138 26.2 21.1 31.7

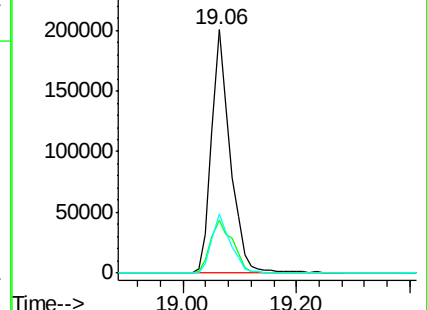
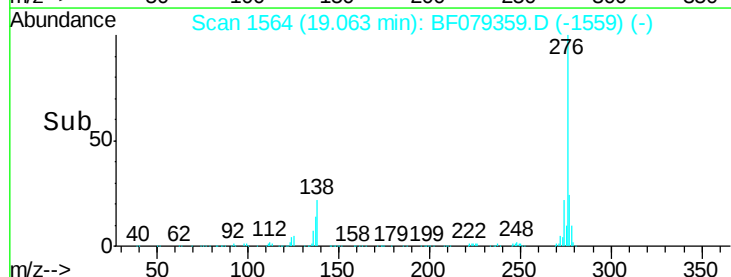
277 25.0 19.9 29.9

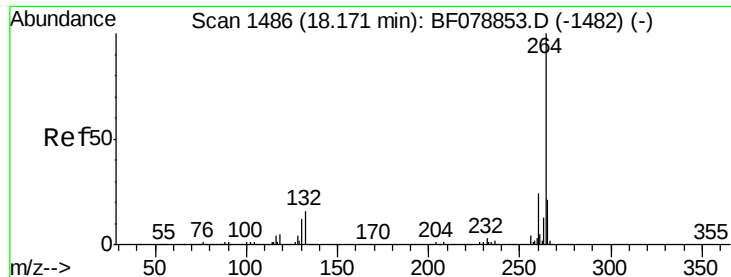


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

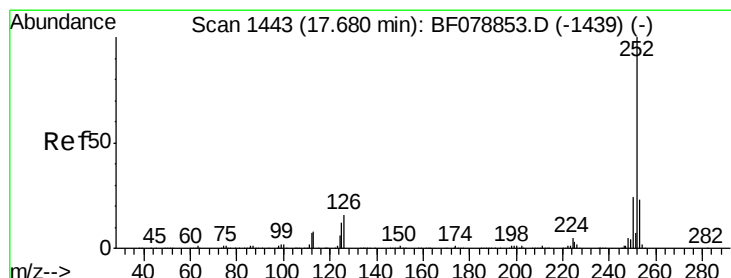
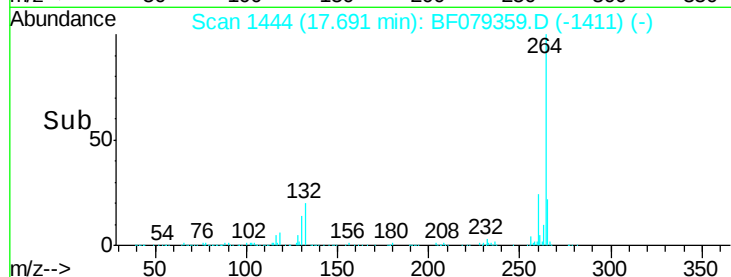
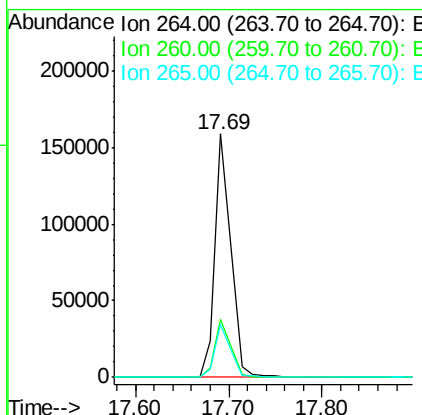
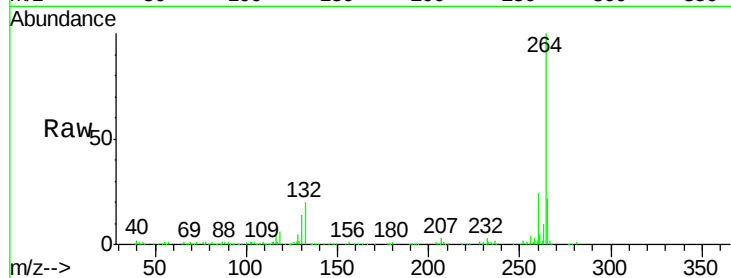




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.69 min Scan# 1444
Delta R.T. -0.13 min
Lab File: BF079359.D
Acq: 20 May 2015 1:36

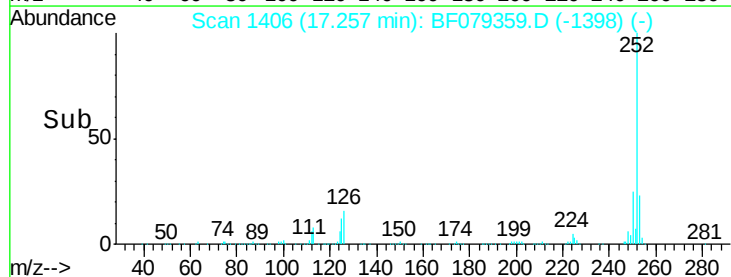
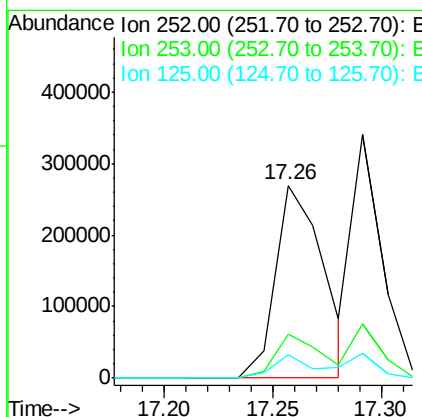
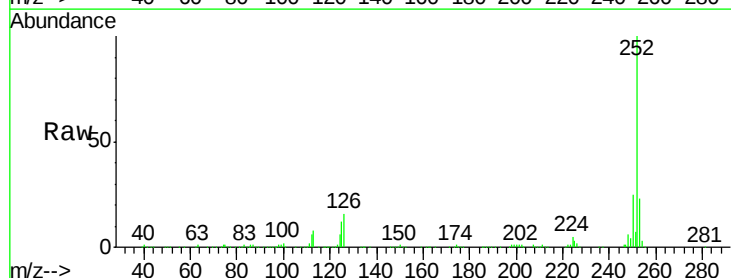
Instrument :
BNA_F
ClientSampleId :
SB-20MSD

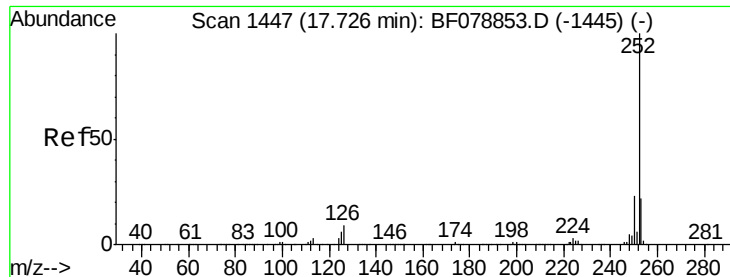
Tgt Ion: 264 Resp: 188045
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 21.8 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 40.36 ng
RT: 17.26 min Scan# 1406
Delta R.T. -0.09 min
Lab File: BF079359.D
Acq: 20 May 2015 1:36

Tgt Ion: 252 Resp: 415404
Ion Ratio Lower Upper
252 100
253 22.7 18.1 27.1
125 12.1 9.4 14.2

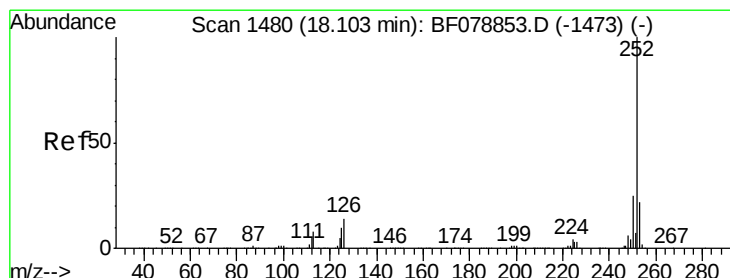
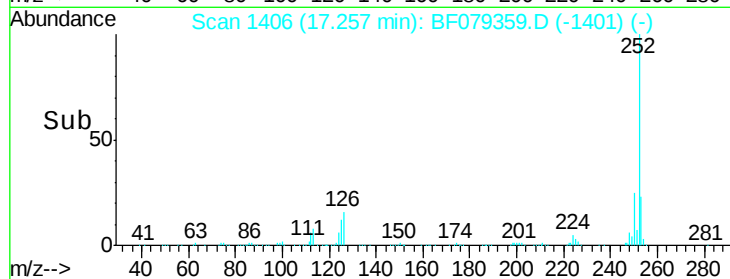
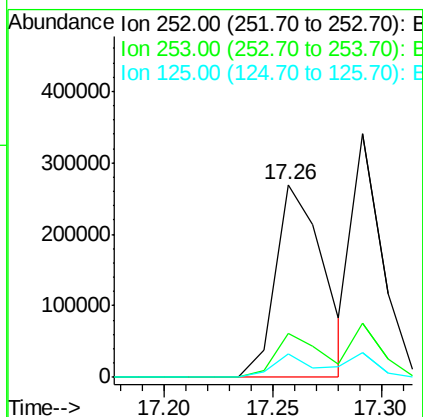
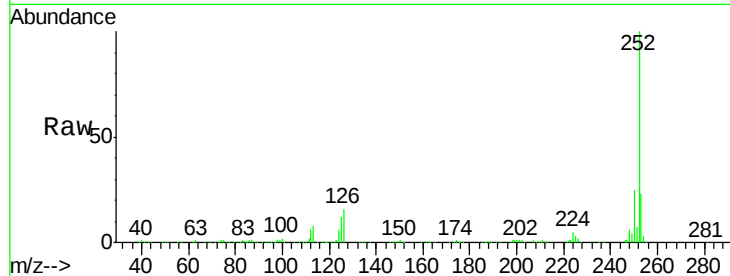




#88
Benzo(k)fluoranthene
Concen: 41.69 ng
RT: 17.26 min Scan# 1406
Delta R.T. -0.13 min
Lab File: BF079359.D
Acq: 20 May 2015 1:36

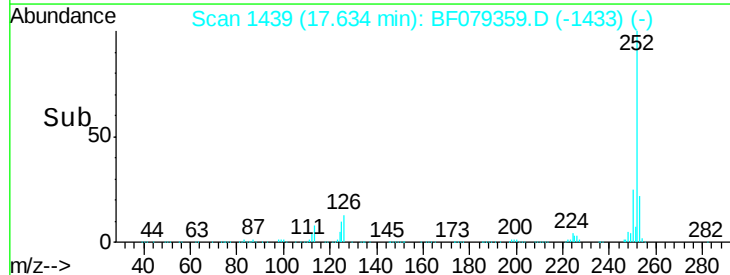
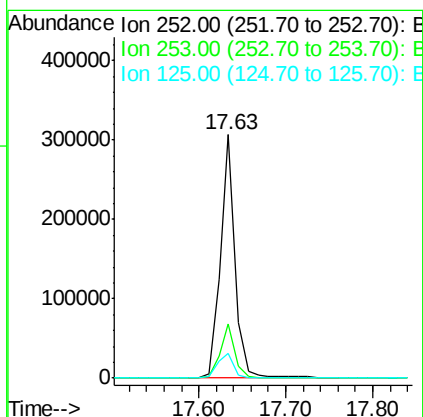
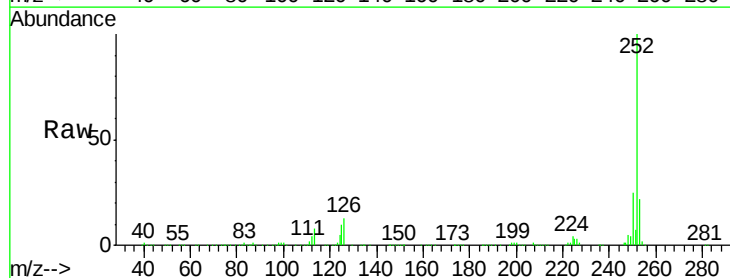
Instrument :
BNA_F
ClientSampleId :
SB-20MSD

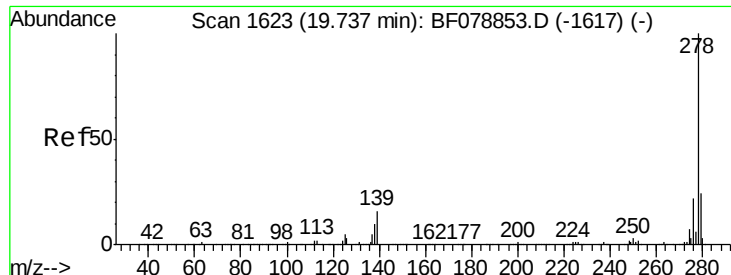
Tgt Ion:252 Resp: 415404
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.0
125 12.1 6.1 9.1#



#89
Benzo(a)pyrene
Concen: 38.08 ng
RT: 17.63 min Scan# 1439
Delta R.T. -0.11 min
Lab File: BF079359.D
Acq: 20 May 2015 1:36

Tgt Ion:252 Resp: 360883
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 9.9 8.2 12.2





#90

Dibenzo(a,h)anthracene

Concen: 37.36 ng

RT: 19.09 min Scan# 1566

Delta R.T. -0.16 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

Instrument :

BNA_F

ClientSampleId :

SB-20MSD

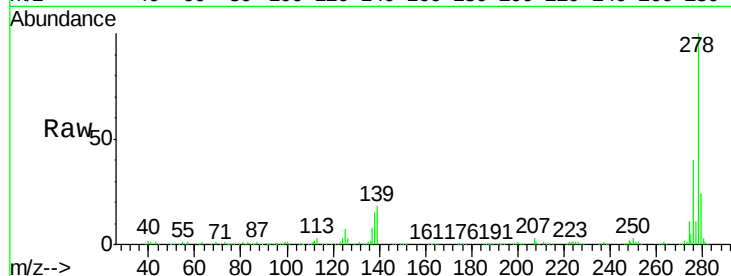
Tgt Ion: 278 Resp: 376264

Ion Ratio Lower Upper

278 100

139 17.8 13.1 19.7

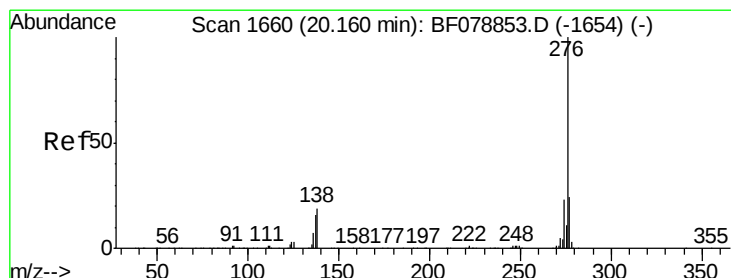
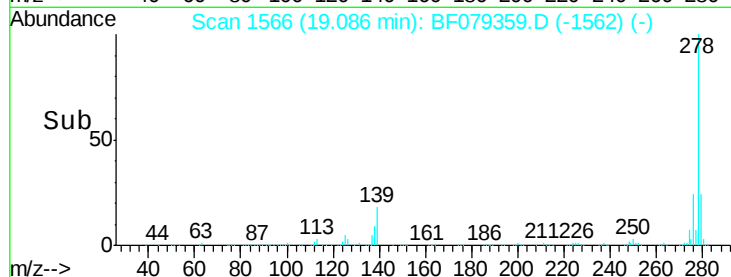
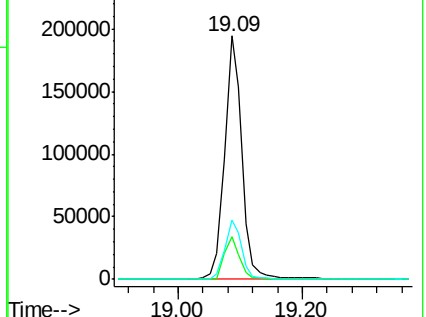
279 24.3 19.1 28.7



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: 35.69 ng

RT: 19.46 min Scan# 1599

Delta R.T. -0.16 min

Lab File: BF079359.D

Acq: 20 May 2015 1:36

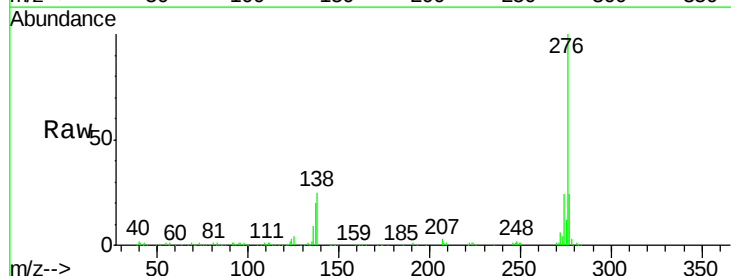
Tgt Ion: 276 Resp: 360251

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 25.0 15.2 22.8#



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

