

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051915\
 Data File : BF079358.D
 Acq On : 20 May 2015 1:08
 Operator : TP/IZ
 Sample : G2270-02MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-20MS

Quant Time: May 20 01:57:58 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 01:42:45 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	38372	20.00	ng	0.00
21) Naphthalene-d8	8.71	136	160888	20.00	ng	0.00
38) Acenaphthene-d10	10.88	164	81480	20.00	ng	0.00
63) Phenanthrene-d10	12.72	188	159878	20.00	ng	0.00
75) Chrysene-d12	16.00	240	174731	20.00	ng	0.00
86) Perylene-d12	17.70	264	185570	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	281834	126.43	ng	0.00
7) Phenol-d6	6.70	99	399796	135.68	ng	-0.01
23) Nitrobenzene-d5	7.83	82	225237	80.46	ng	0.00
41) 2,4,6-Tribromophenol	11.85	330	119027	135.03	ng	-0.01
44) 2-Fluorobiphenyl	10.04	172	433617	74.14	ng	-0.01
78) Terphenyl-d14	14.71	244	512302	70.20	ng	0.00

Target Compounds						Qvalue
6) Aniline	6.72	93	81269	19.54	ng	# 1
8) 2-Chlorophenol	6.86	128	115849	45.82	ng	92
9) Benzaldehyde	6.57	77	35900	18.09	ng	97
10) Phenol	6.72	94	149472	43.73	ng	80
11) bis(2-Chloroethyl)ether	6.82	93	113822	45.42	ng	95
12) 1,3-Dichlorobenzene	7.05	146	116795	41.10	ng	# 96
13) 1,4-Dichlorobenzene	7.15	146	116293	39.76	ng	96
14) 1,2-Dichlorobenzene	7.34	146	110755	40.68	ng	95
15) Benzyl Alcohol	7.31	79	92585	42.33	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.50	45	162202	42.31	ng	95
17) 2-Methylphenol	7.46	107	92263	45.35	ng	95
18) Hexachloroethane	7.75	117	39812	39.52	ng	97
19) n-Nitroso-di-n-propylamine	7.64	70	82802	41.60	ng	95
20) 3+4-Methylphenols	7.66	107	125636	46.34	ng	# 48
22) Acetophenone	7.64	105	162447	44.69	ng	# 81
24) Nitrobenzene	7.85	77	119774	43.16	ng	# 75
25) Isophorone	8.15	82	228508	44.03	ng	98
26) 2-Nitrophenol	8.24	139	56598	49.28	ng	97
27) 2,4-Dimethylphenol	8.31	122	108052	47.02	ng	95
28) bis(2-Chloroethoxy)methane	8.43	93	140691	43.97	ng	98
29) 2,4-Dichlorophenol	8.54	162	97248	47.59	ng	98
30) 1,2,4-Trichlorobenzene	8.64	180	96759	43.10	ng	98
31) Naphthalene	8.73	128	340119	44.37	ng	99
32) Benzoic acid	8.42	122	41806	31.53	ng	98
33) 4-Chloroaniline	8.81	127	84100	25.93	ng	# 91
34) Hexachlorobutadiene	8.89	225	47837	37.00	ng	99
35) Caprolactam	9.23	113	29201	44.19	ng	# 90
36) 4-Chloro-3-methylphenol	9.42	107	104043	48.47	ng	# 84
37) 2-Methylnaphthalene	9.59	142	232027	43.68	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.79	216	89512	39.01	ng	97
40) Hexachlorocyclopentadiene	9.78	237	58210	50.45	ng	97
42) 2,4,6-Trichlorophenol	9.94	196	67010	42.48	ng	97
43) 2,4,5-Trichlorophenol	9.99	196	70563	44.24	ng	# 86
45) 1,1'-Biphenyl	10.17	154	278221	42.95	ng	98

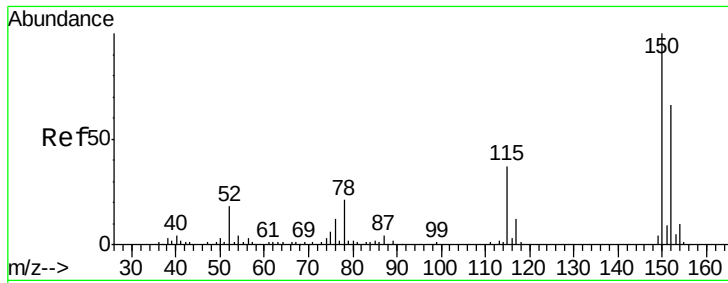
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051915\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2-Chloronaphthalene	10.19	162	213613	42.28	ng	# 91
47) 2-Nitroaniline	10.32	65	63707	43.52	ng	99
48) Acenaphthylene	10.70	152	334286	40.30	ng	99
49) Dimethylphthalate	10.56	163	336750	56.31	ng	98
50) 2,6-Dinitrotoluene	10.64	165	56163	47.59	ng	92
51) Acenaphthene	10.91	154	196790	39.78	ng	100
52) 3-Nitroaniline	10.83	138	51229	34.75	ng	97
53) 2,4-Dinitrophenol	10.98	184	34270	72.90	ng	# 52
54) Dibenzofuran	11.13	168	310602	43.47	ng	98
55) 4-Nitrophenol	11.06	139	98639	84.54	ng	# 79
56) 2,4-Dinitrotoluene	11.13	165	72245	46.31	ng	# 60
57) Fluorene	11.55	166	248877	42.43	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.29	232	54611	41.90	ng	98
59) Diethylphthalate	11.44	149	274243	46.29	ng	100
60) 4-Chlorophenyl-phenylether	11.57	204	110113	42.32	ng	98
61) 4-Nitroaniline	11.59	138	60503	41.02	ng	97
62) Azobenzene	11.76	77	253295	43.39	ng	99
64) 4,6-Dinitro-2-methylphenol	11.63	198	29015	44.76	ng	# 49
65) n-Nitrosodiphenylamine	11.71	169	223801	42.03	ng	99
66) 4-Bromophenyl-phenylether	12.17	248	70550	42.34	ng	# 90
67) Hexachlorobenzene	12.23	284	75012	39.38	ng	# 83
68) Atrazine	12.39	200	68210	44.05	ng	96
69) Pentachlorophenol	12.48	266	72107	66.01	ng	99
70) Phenanthrene	12.74	178	363415	40.63	ng	99
71) Anthracene	12.81	178	365770	41.69	ng	99
72) Carbazole	13.02	167	378647	45.27	ng	99
73) Di-n-butylphthalate	13.47	149	446895	44.56	ng	99
74) Fluoranthene	14.22	202	384613	41.27	ng	97
76) Benzidine	14.40	184	58316	12.38	ng	98
77) Pyrene	14.22	202	384613	38.20	ng	98
79) Butylbenzylphthalate	15.33	149	195716	44.47	ng	# 86
80) Benzo(a)anthracene	15.99	228	375804	39.28	ng	100
81) 3,3'-Dichlorobenzidine	15.97	252	117667	34.52	ng	# 97
82) Chrysene	16.03	228	357463	38.84	ng	99
83) Bis(2-ethylhexyl)phthalate	16.05	149	320014	48.00	ng	# 98
84) Di-n-octyl phthalate	16.83	149	550918	46.92	ng	96
85) Indeno(1,2,3-cd)pyrene	19.07	276	448203	38.22	ng	100
87) Benzo(b)fluoranthene	17.27	252	370471	36.47	ng	97
88) Benzo(k)fluoranthene	17.27	252	370471	37.68	ng	# 98
89) Benzo(a)pyrene	17.65	252	362377	38.75	ng	98
90) Dibenzo(a,h)anthracene	19.10	278	384058	38.64	ng	99
91) Benzo(g,h,i)perylene	19.49	276	362940	36.43	ng	99

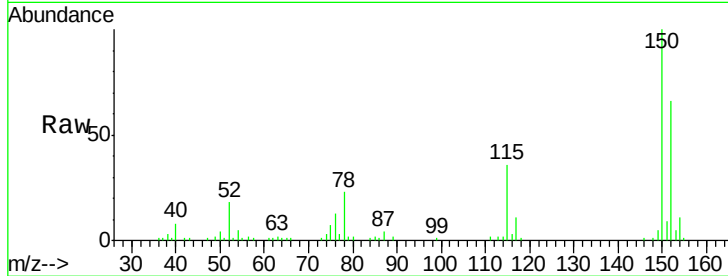
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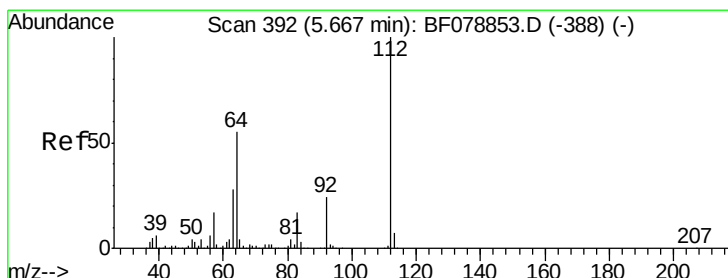
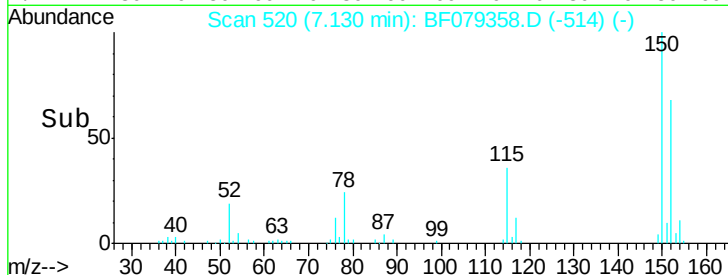
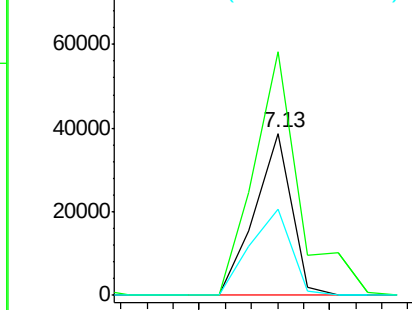
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.13 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF079358.D
 Acq: 20 May 2015 1:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-20MS

Tgt Ion:152 Resp: 38372
 Ion Ratio Lower Upper
 152 100
 150 150.4 123.8 185.8
 115 53.5 49.4 74.0

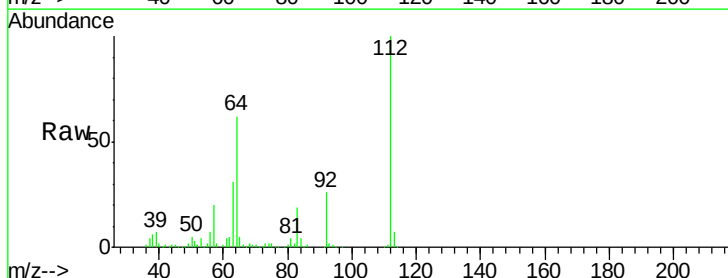


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

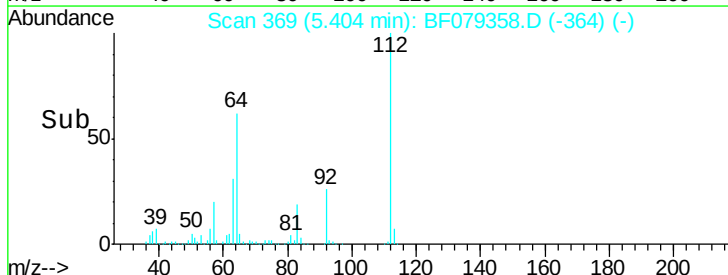
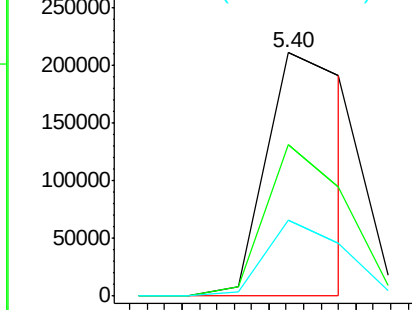


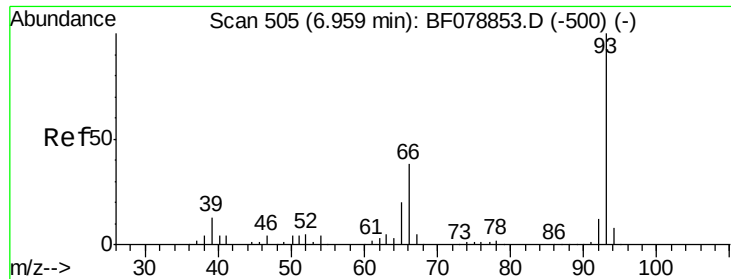
#5
 2-Fluorophenol
 Concen: 126.43 ng
 RT: 5.40 min Scan# 369
 Delta R.T. 0.00 min
 Lab File: BF079358.D
 Acq: 20 May 2015 1:08

Tgt Ion:112 Resp: 281834
 Ion Ratio Lower Upper
 112 100
 64 62.2 44.2 66.2
 63 31.3 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 19.54 ng

RT: 6.72 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

Instrument :

BNA_F

ClientSampleId :

SB-20MS

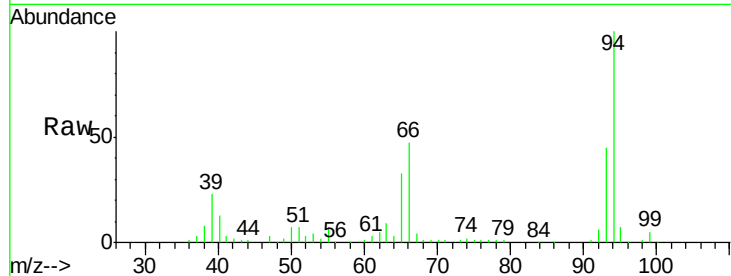
Tgt Ion: 93 Resp: 81269

Ion Ratio Lower Upper

93 100

66 102.8 30.7 46.1#

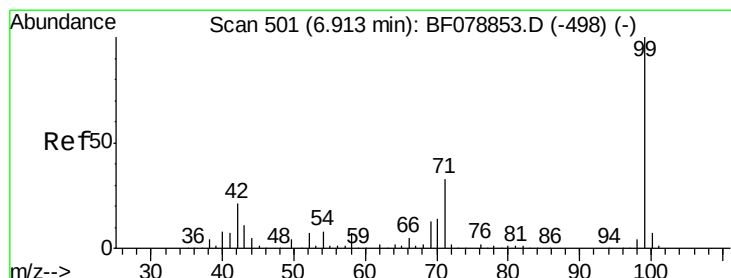
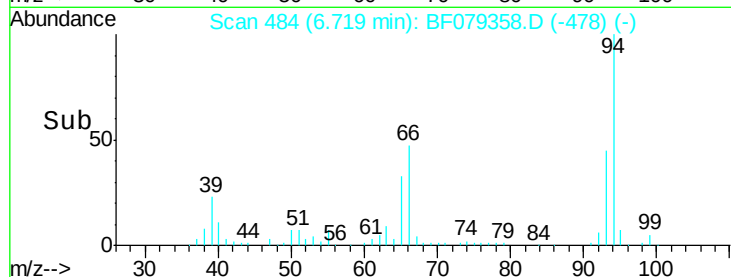
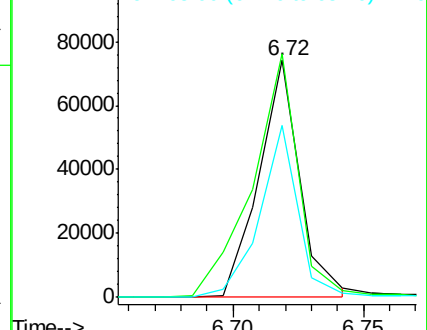
65 72.7 15.8 23.8#



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: 135.68 ng

RT: 6.70 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

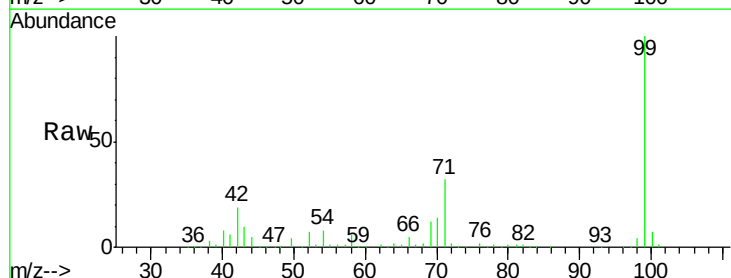
Tgt Ion: 99 Resp: 399796

Ion Ratio Lower Upper

99 100

42 19.5 17.1 25.7

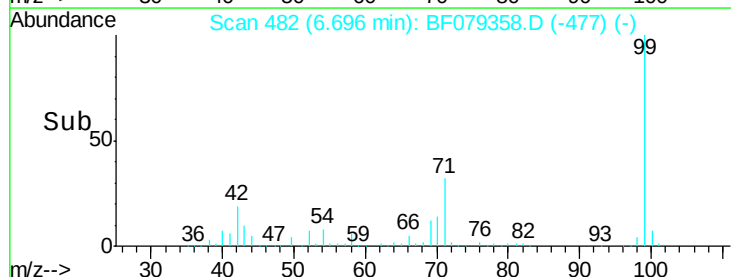
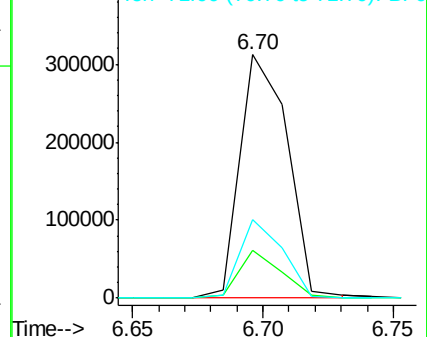
71 32.4 26.3 39.5

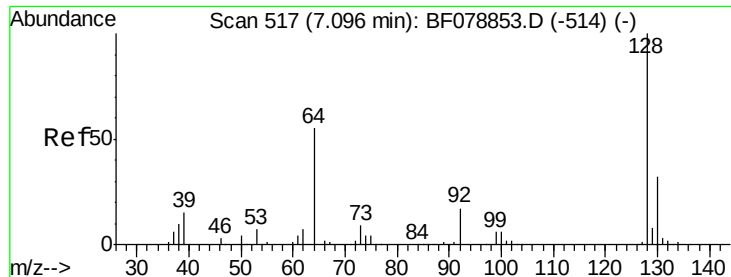


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 45.82 ng

RT: 6.86 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

Instrument :

BNA_F

ClientSampleId :

SB-20MS

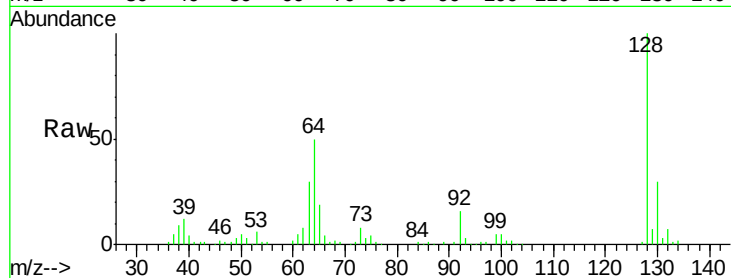
Tgt Ion:128 Resp: 115849

Ion Ratio Lower Upper

128 100

130 30.3 12.4 52.4

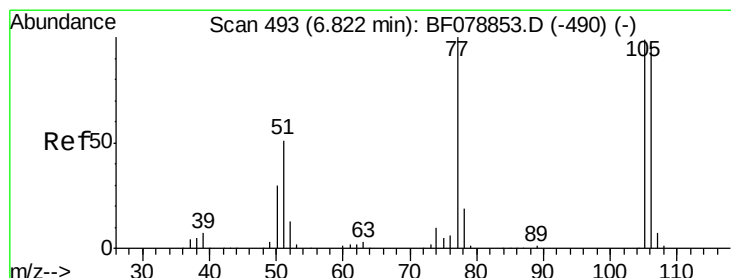
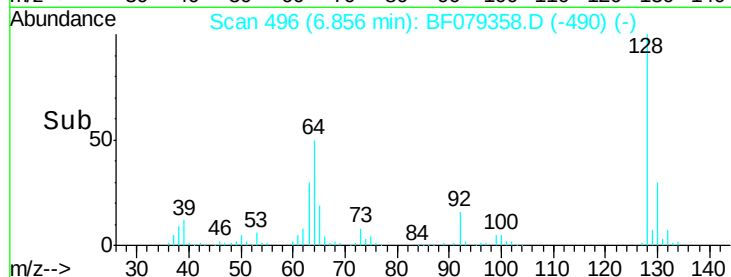
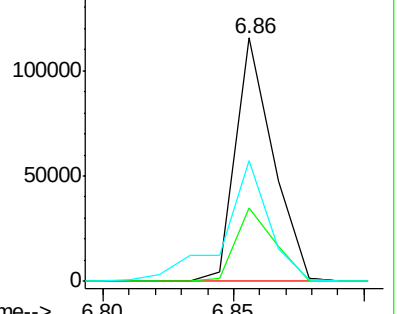
64 49.8 37.8 77.8



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: 18.09 ng

RT: 6.57 min Scan# 471

Delta R.T. 0.00 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

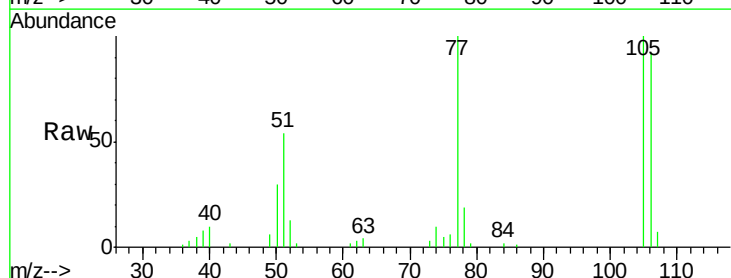
Tgt Ion: 77 Resp: 35900

Ion Ratio Lower Upper

77 100

105 100.1 78.9 118.9

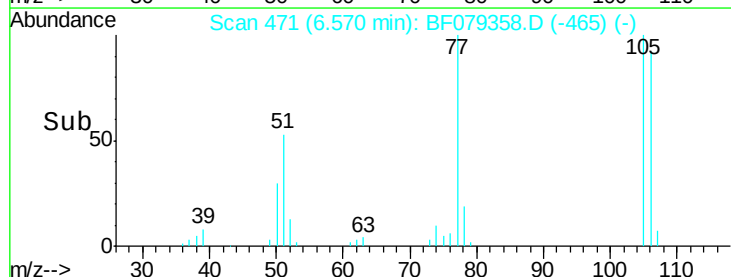
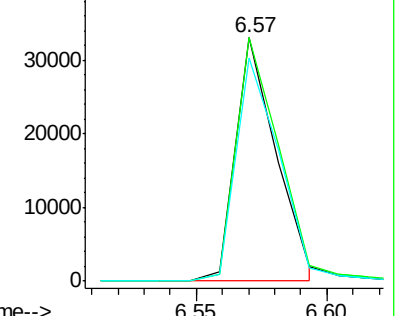
106 91.8 75.8 115.8

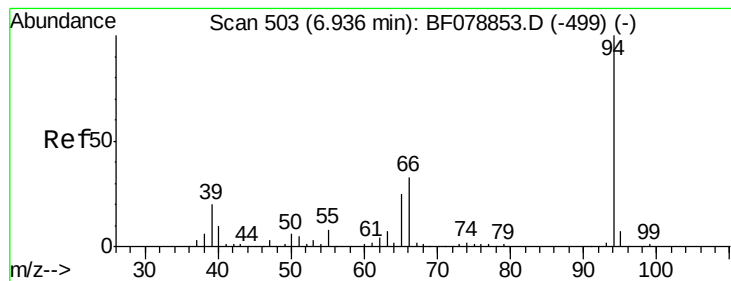


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 43.73 ng

RT: 6.72 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

Instrument :

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ClientSampleId :

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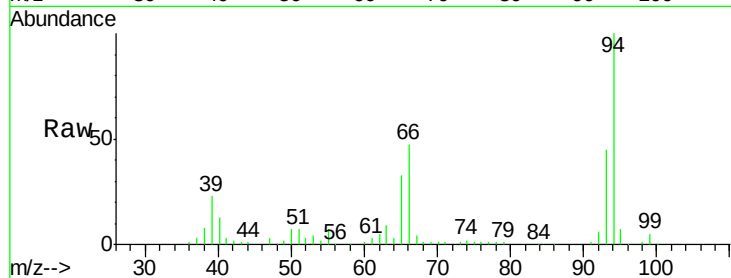
Tgt Ion: 94 Resp: 149472

Ion Ratio Lower Upper

94 100

65 33.0 5.1 45.1

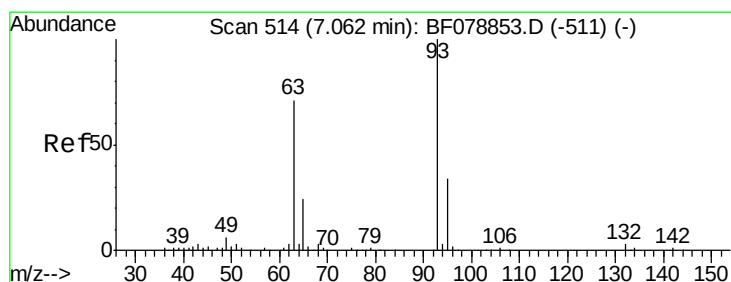
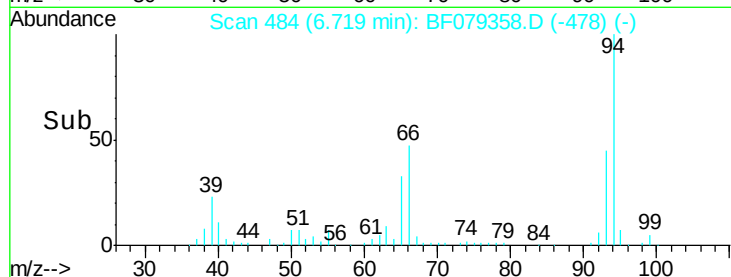
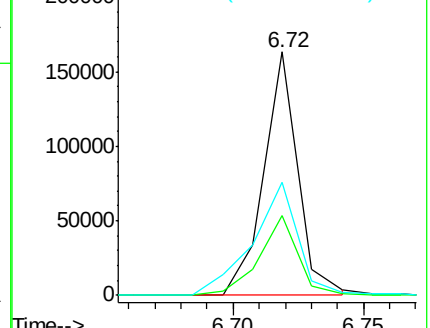
66 46.6 13.1 53.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 45.42 ng

RT: 6.82 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

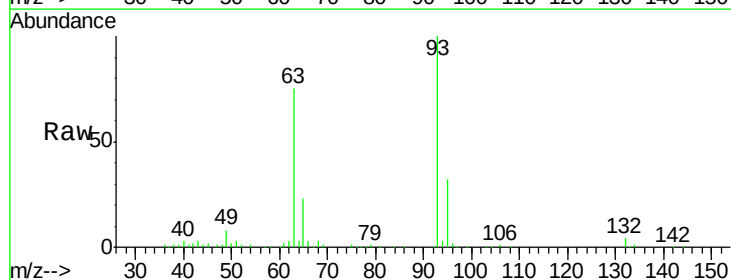
Tgt Ion: 93 Resp: 113822

Ion Ratio Lower Upper

93 100

63 75.5 50.8 90.8

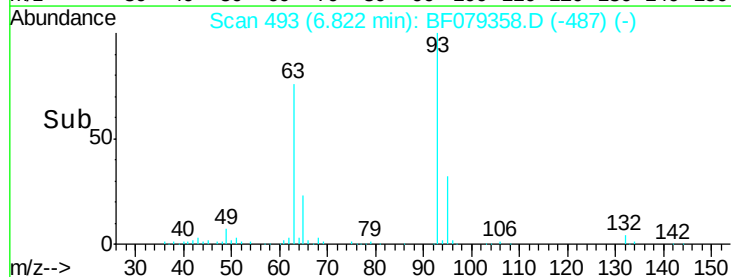
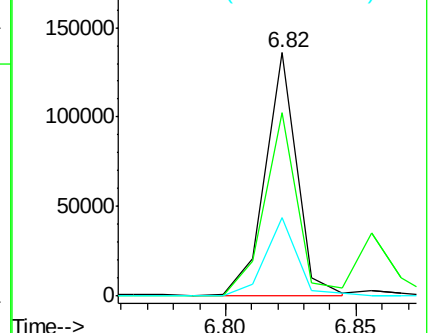
95 32.1 13.9 53.9

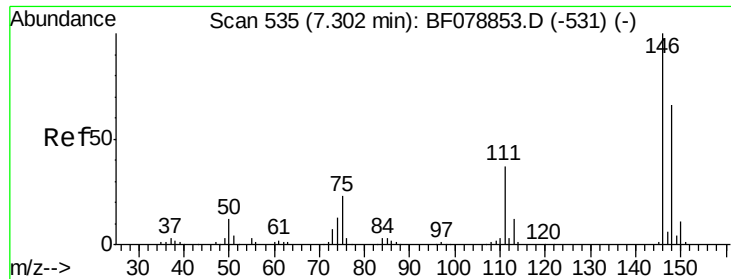


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

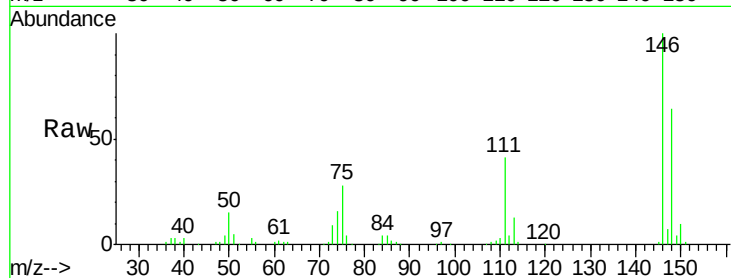




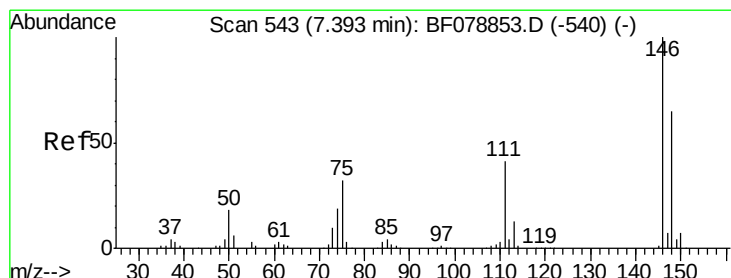
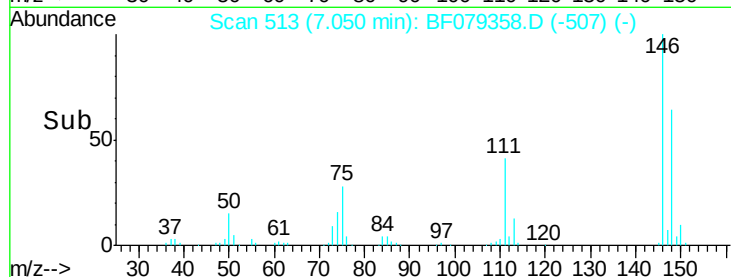
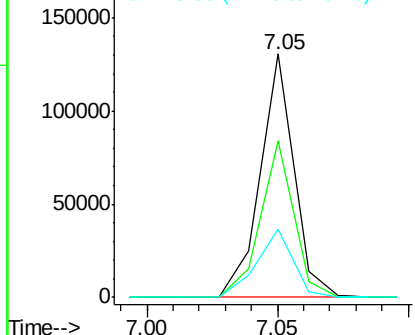
#12
 1,3-Dichlorobenzene
 Concen: 41.10 ng
 RT: 7.05 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BF079358.D
 Acq: 20 May 2015 1:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-20MS

Tgt Ion:146 Resp: 116795
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.4 78.6
 75 27.9 18.6 27.8#

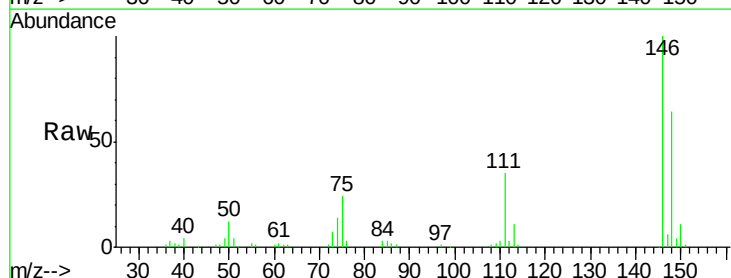


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

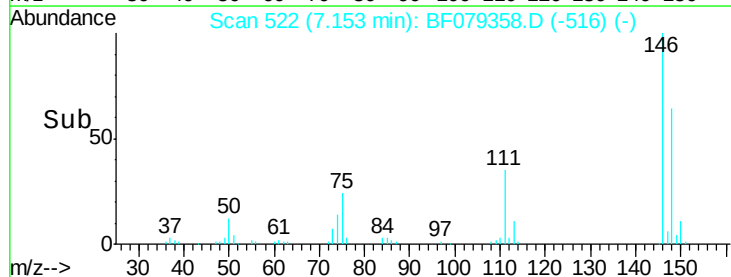
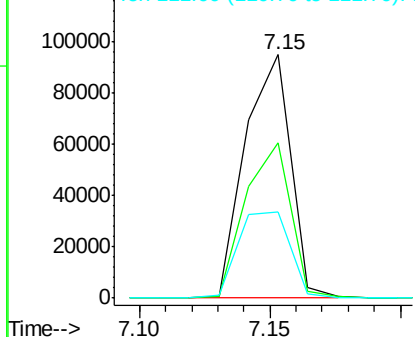


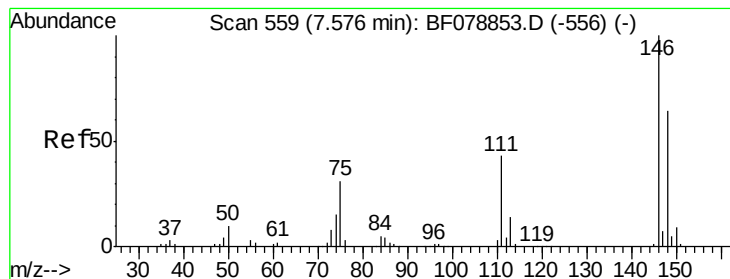
#13
 1,4-Dichlorobenzene
 Concen: 39.76 ng
 RT: 7.15 min Scan# 522
 Delta R.T. 0.00 min
 Lab File: BF079358.D
 Acq: 20 May 2015 1:08

Tgt Ion:146 Resp: 116293
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.7 77.5
 111 35.3 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: 40.68 ng

RT: 7.34 min Scan# 538

Delta R.T. 0.00 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

Instrument :

BNA_F

ClientSampled :

SB-20MS

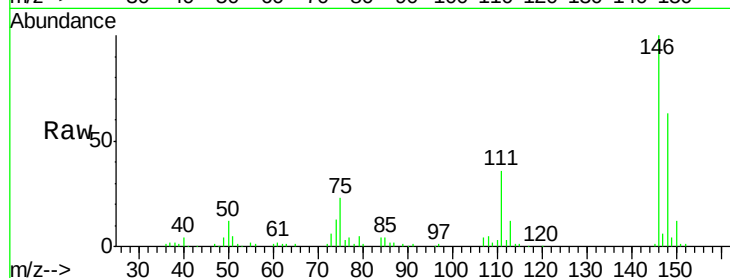
Tgt Ion:146 Resp: 110755

Ion Ratio Lower Upper

146 100

148 62.8 51.1 76.7

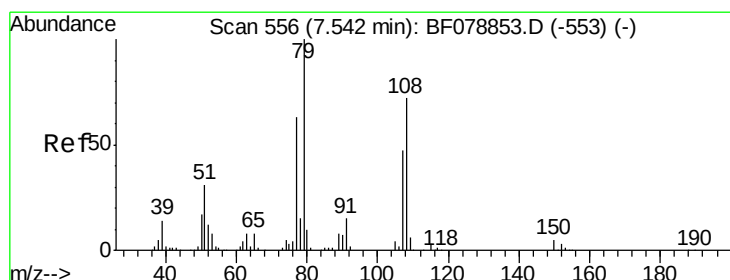
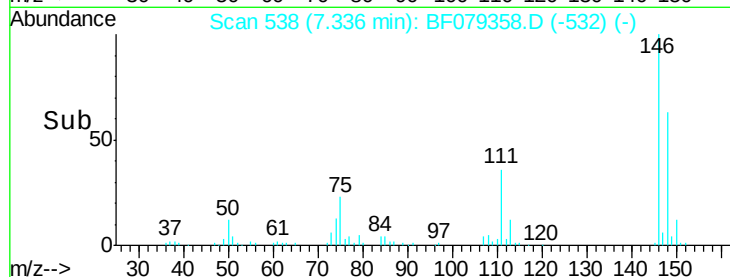
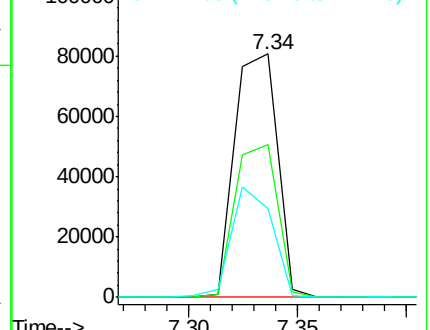
111 36.4 34.6 52.0



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: 42.33 ng

RT: 7.31 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

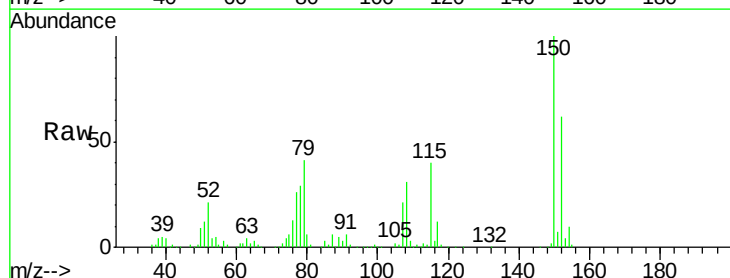
Tgt Ion: 79 Resp: 92585

Ion Ratio Lower Upper

79 100

108 76.1 57.4 86.2

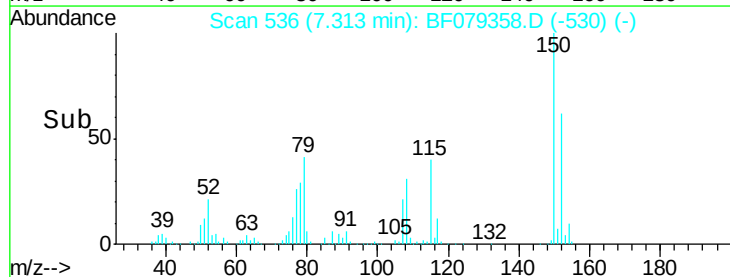
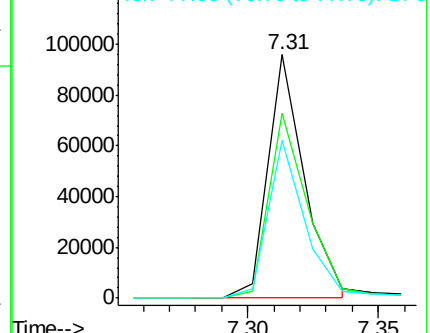
77 65.0 50.2 75.4

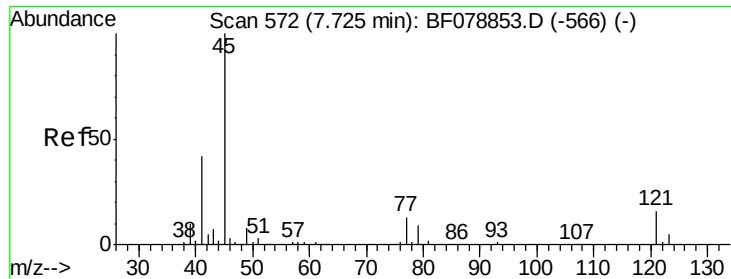


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

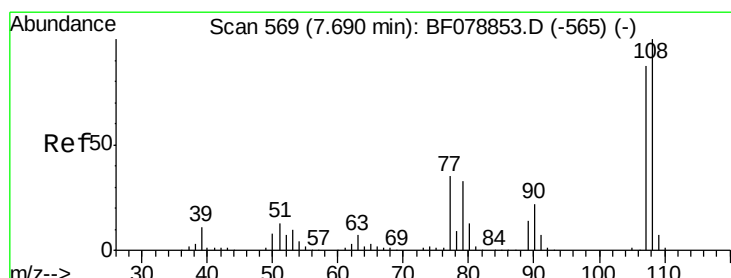
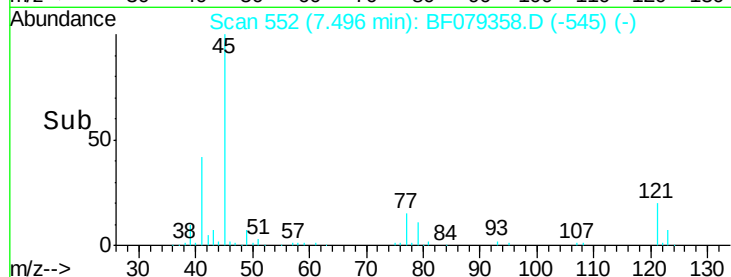
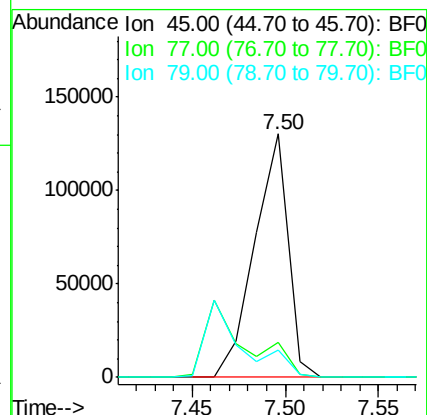
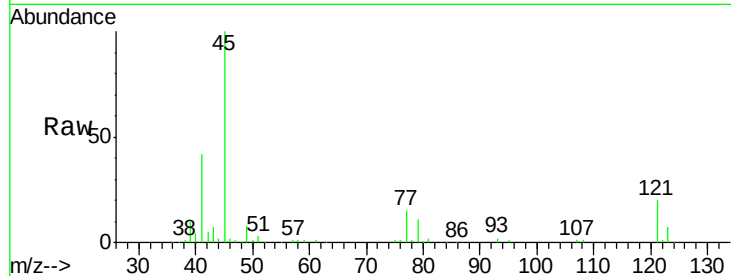




#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.31 ng
RT: 7.50 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF079358.D
Acq: 20 May 2015 1:08

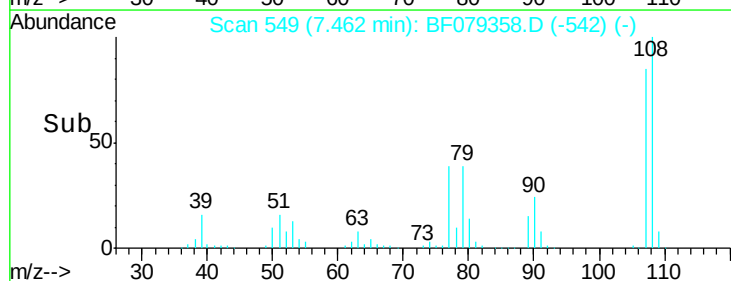
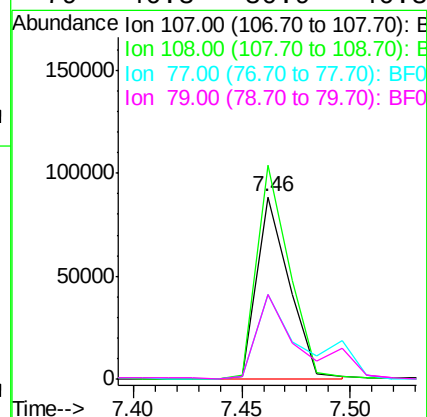
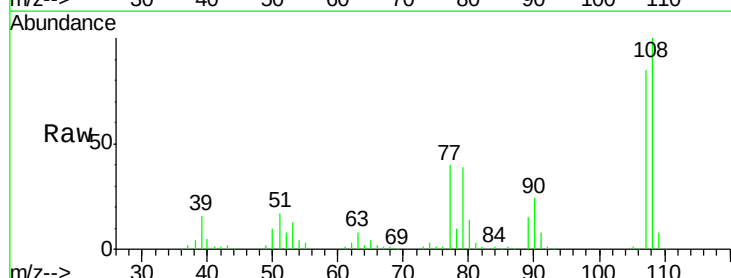
Instrument :
BNA_F
ClientSampleId :
SB-20MS

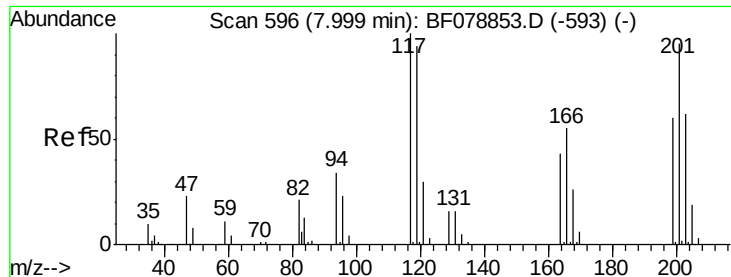
Tgt Ion: 45 Resp: 162202
Ion Ratio Lower Upper
45 100
77 14.5 0.0 32.6
79 11.5 0.0 29.3



#17
2-Methylphenol
Concen: 45.35 ng
RT: 7.46 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF079358.D
Acq: 20 May 2015 1:08

Tgt Ion: 107 Resp: 92263
Ion Ratio Lower Upper
107 100
108 117.2 92.4 138.6
77 46.5 32.6 49.0
79 46.3 30.9 46.3

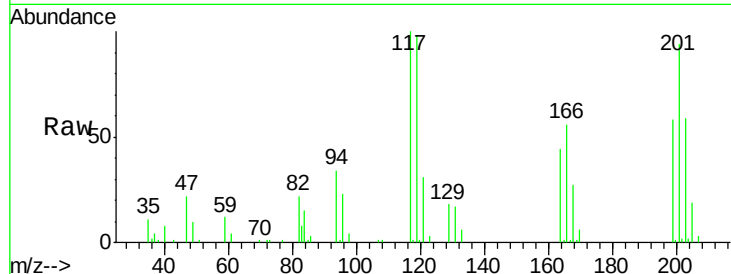




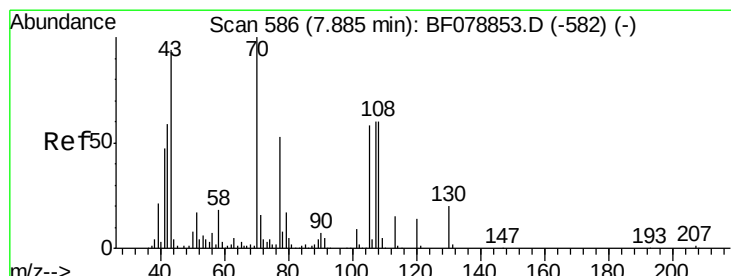
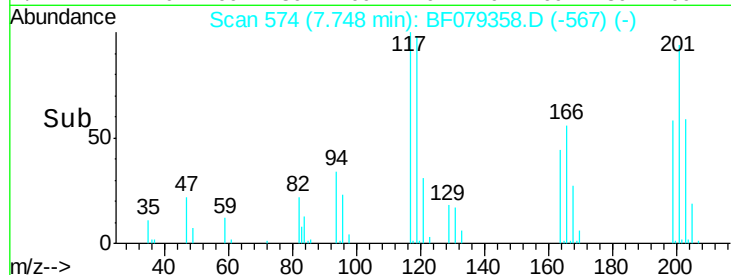
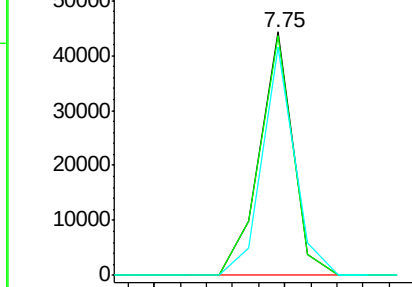
#18
Hexachloroethane
Concen: 39.52 ng
RT: 7.75 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF079358.D
Acq: 20 May 2015 1:08

Instrument :
BNA_F
ClientSampleId :
SB-20MS

Tgt Ion: 117 Resp: 39812
Ion Ratio Lower Upper
117 100
119 98.2 75.2 112.8
201 93.6 75.8 113.8

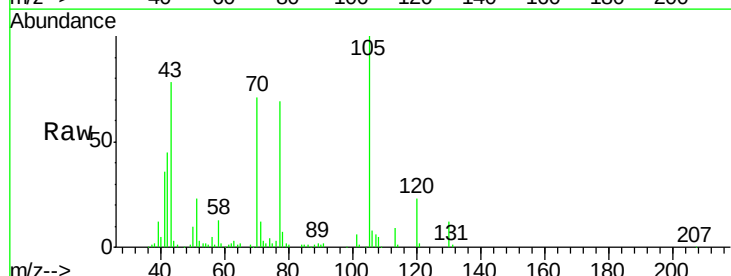


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

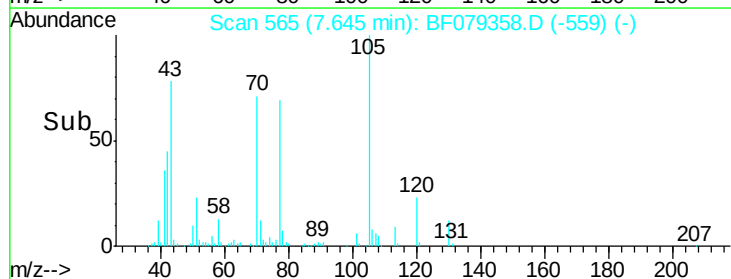
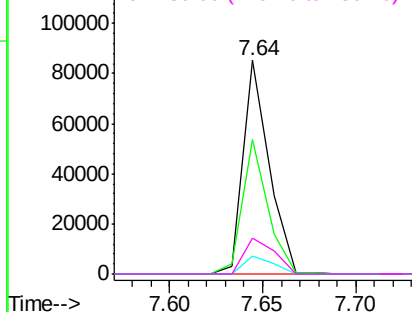


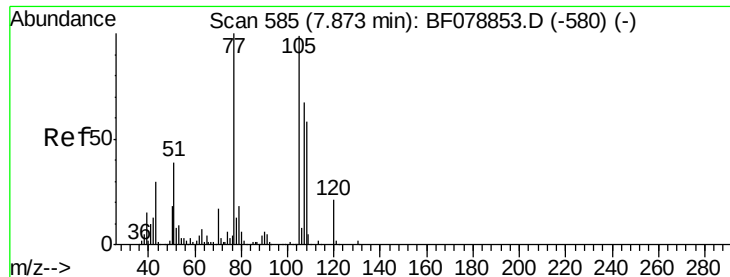
#19
n-Nitroso-di-n-propylamine
Concen: 41.60 ng
RT: 7.64 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF079358.D
Acq: 20 May 2015 1:08

Tgt Ion: 70 Resp: 82802
Ion Ratio Lower Upper
70 100
42 62.9 47.3 70.9
101 8.2 7.5 11.3
130 16.6 15.8 23.6



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 46.34 ng

RT: 7.66 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

Instrument :

BNA_F

ClientSampleId :

SB-20MS

Tgt Ion:107 Resp: 125636

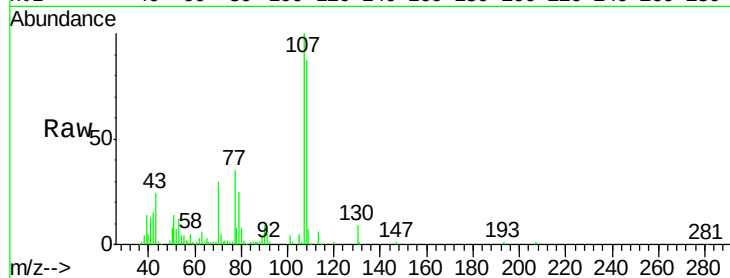
Ion Ratio Lower Upper

107 100

108 87.0 66.5 106.5

77 34.9 130.6 170.6#

79 25.1 6.4 46.4

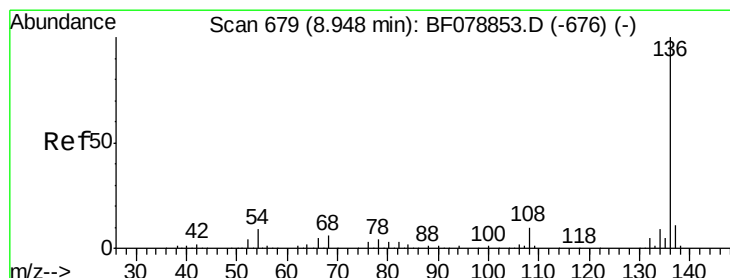
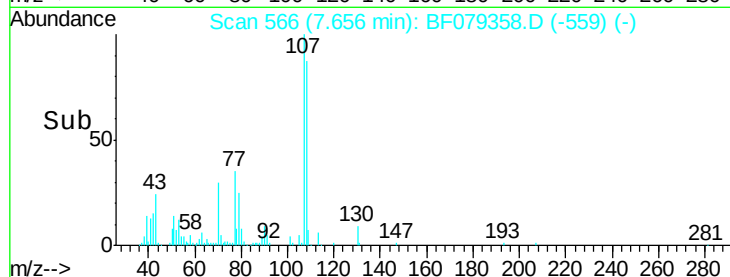
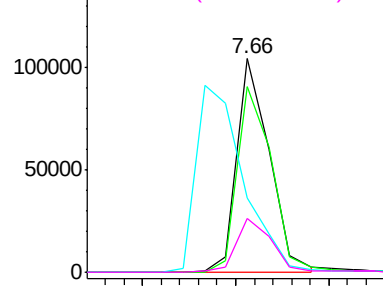


Abundance Ion 107.00 (106.70 to 107.70): E

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: BF079358.D

Acq: 20 May 2015 1:08

Tgt Ion:136 Resp: 160888

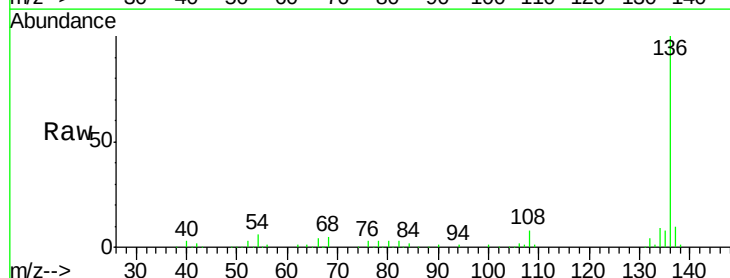
Ion Ratio Lower Upper

136 100

137 10.4 8.8 13.2

54 5.9 6.9 10.3#

68 4.6 4.9 7.3#

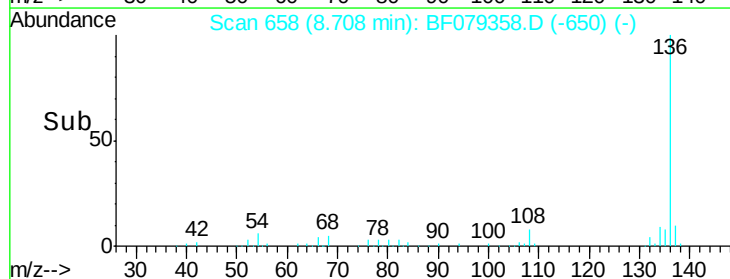
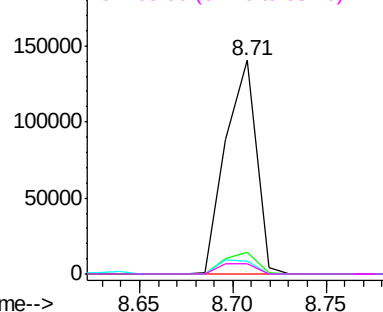


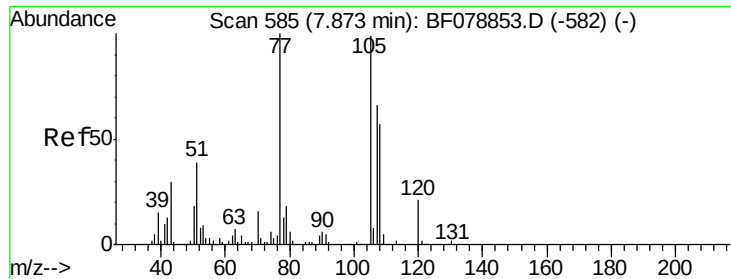
Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.69 ng

RT: 7.64 min Scan# 565

Delta R.T. 0.00 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

Instrument :

BNA_F

ClientSampleId :

SB-20MS

Tgt Ion: 105 Resp: 162447

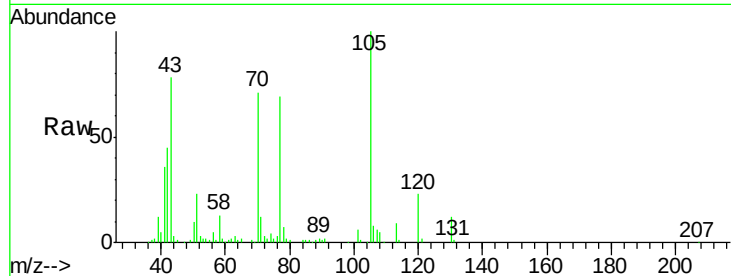
Ion Ratio Lower Upper

105 100

71 11.9 2.2 3.4#

51 22.8 31.1 46.7#

120 22.7 16.7 25.1

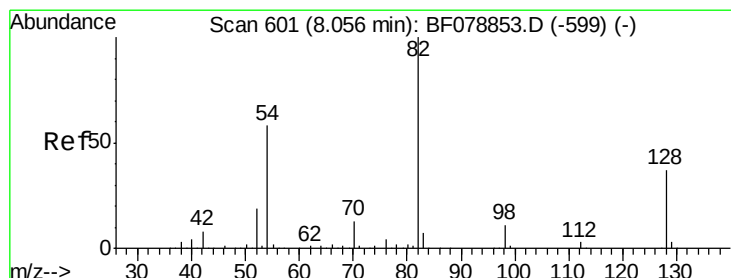
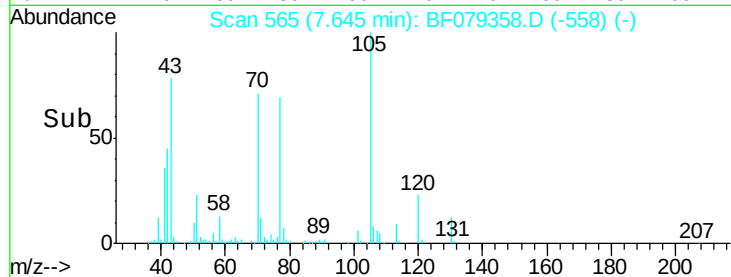
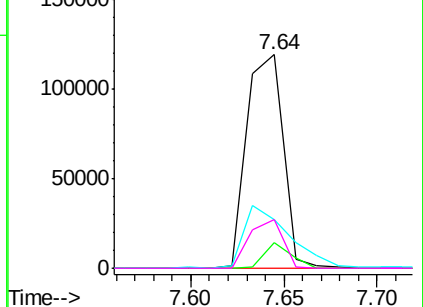


Abundance Ion 105.00 (104.70 to 105.70): E

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: 80.46 ng

RT: 7.83 min Scan# 581

Delta R.T. 0.00 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

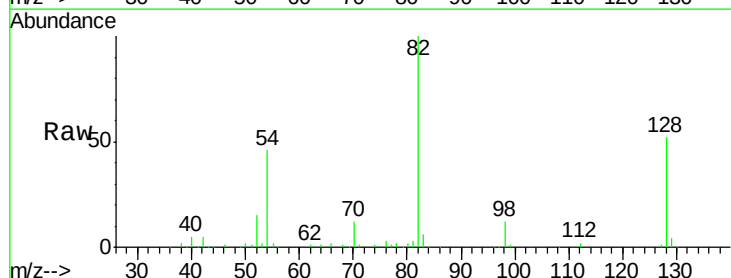
Tgt Ion: 82 Resp: 225237

Ion Ratio Lower Upper

82 100

128 52.2 29.7 44.5#

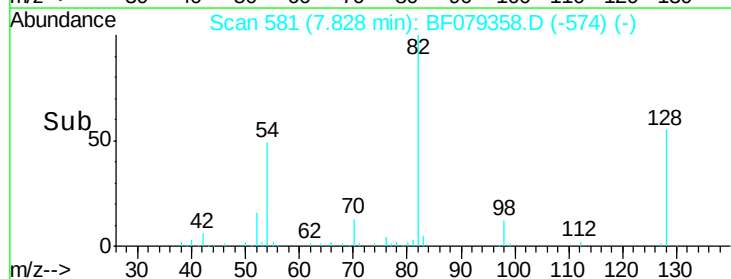
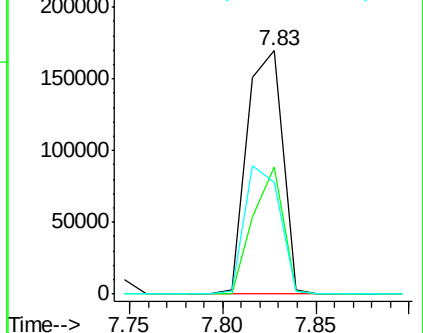
54 45.8 46.2 69.4#

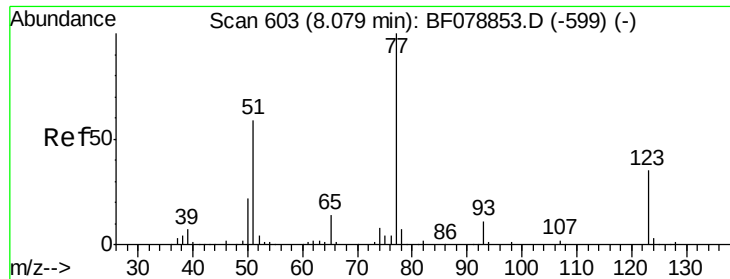


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

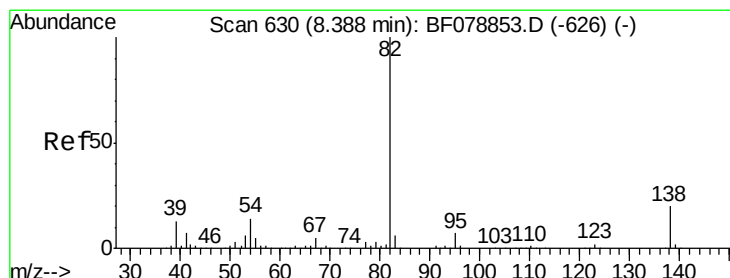
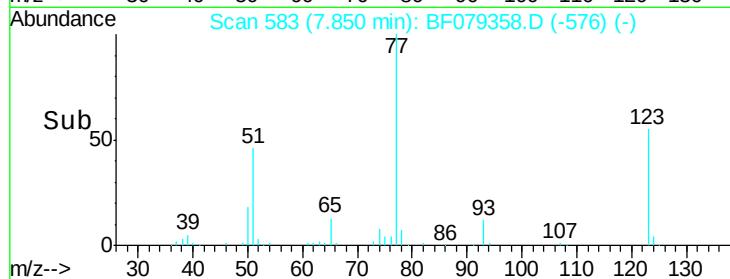
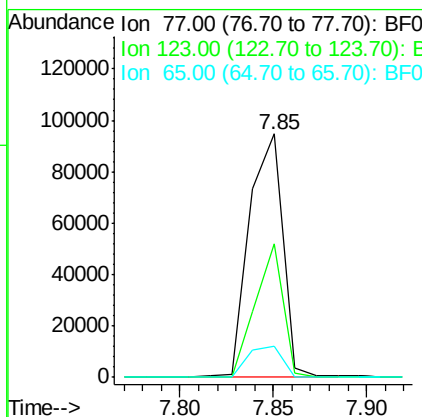
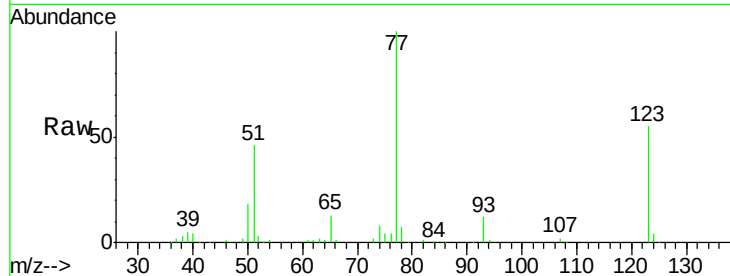




#24
 Nitrobenzene
 Concen: 43.16 ng
 RT: 7.85 min Scan# 583
 Delta R.T. 0.00 min
 Lab File: BF079358.D
 Acq: 20 May 2015 1:08

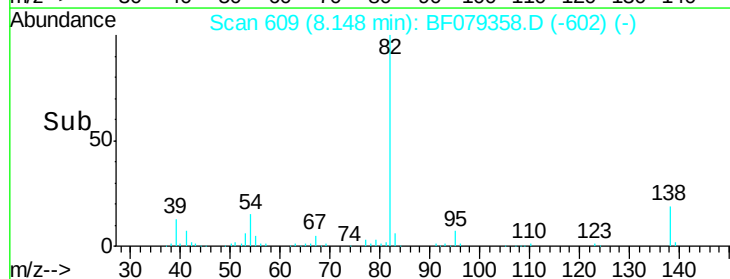
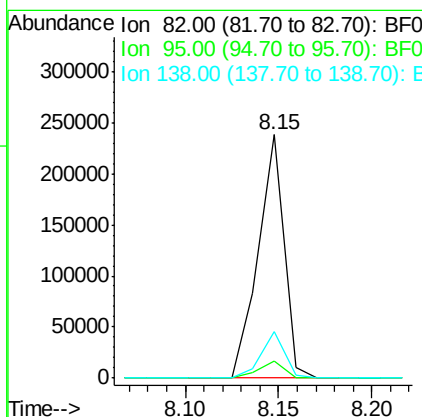
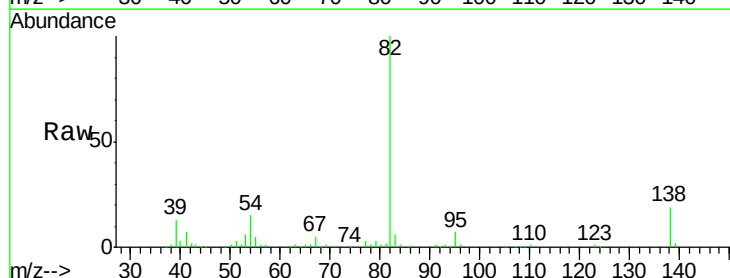
Instrument :
 BNA_F
 ClientSampleId :
 SB-20MS

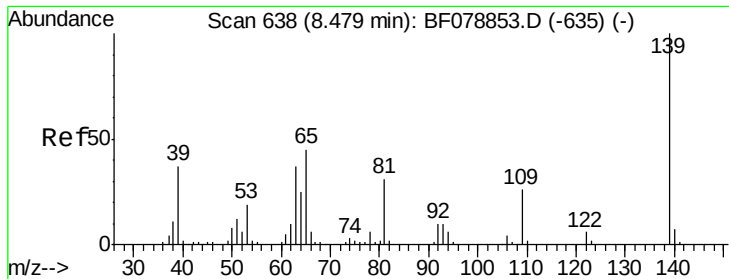
Tgt Ion: 77 Resp: 119774
 Ion Ratio Lower Upper
 77 100
 123 54.9 28.3 42.5#
 65 12.6 11.0 16.4



#25
 Isophorone
 Concen: 44.03 ng
 RT: 8.15 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF079358.D
 Acq: 20 May 2015 1:08

Tgt Ion: 82 Resp: 228508
 Ion Ratio Lower Upper
 82 100
 95 6.9 5.4 8.2
 138 19.2 16.1 24.1

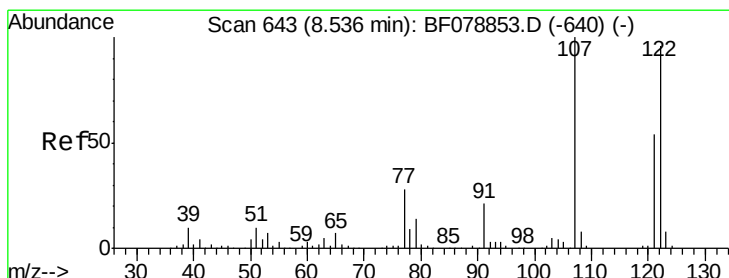
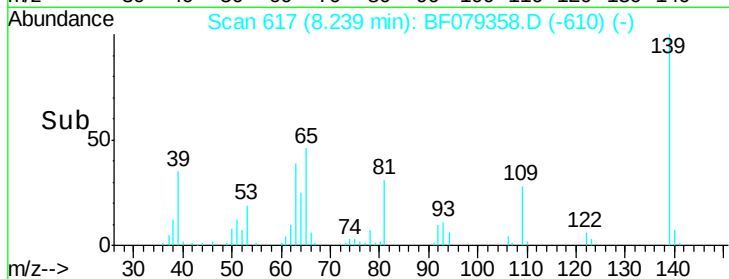
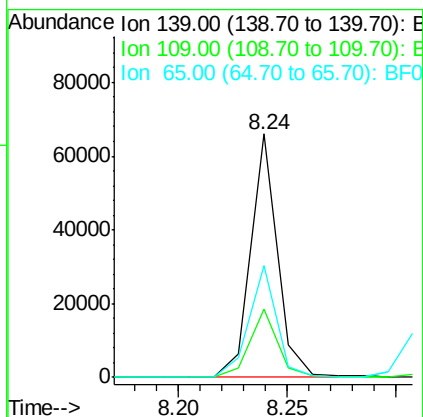
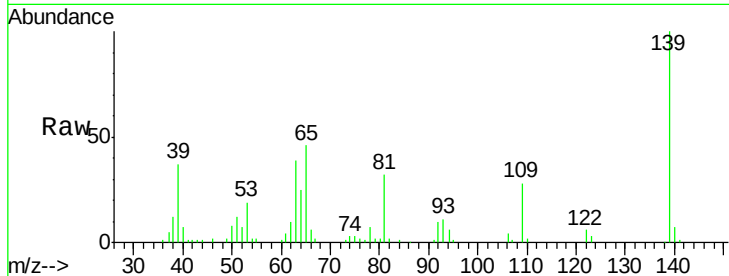




#26
 2-Nitrophenol
 Concen: 49.28 ng
 RT: 8.24 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF079358.D
 Acq: 20 May 2015 1:08

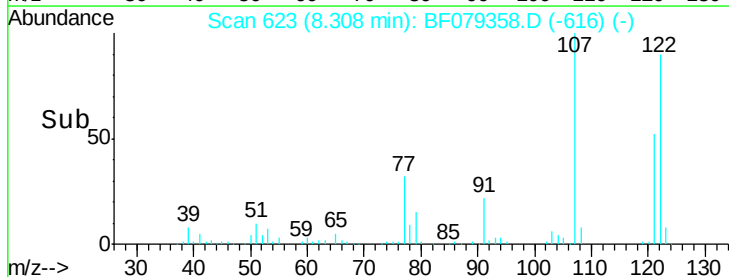
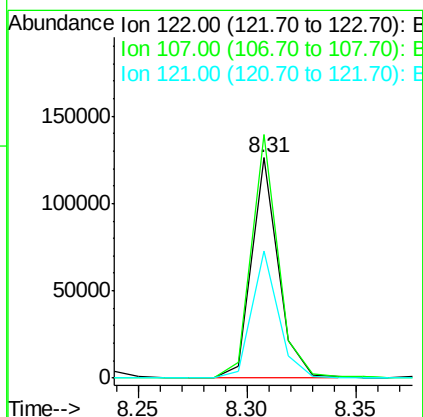
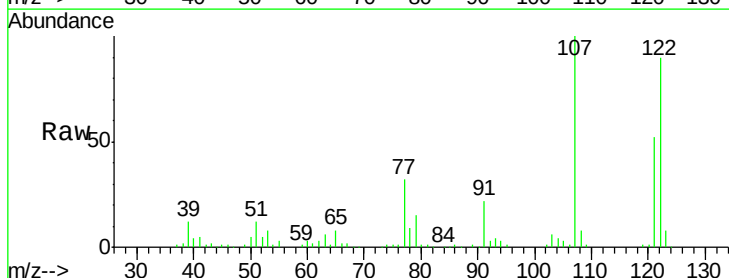
Instrument :
 BNA_F
 ClientSampleId :
 SB-20MS

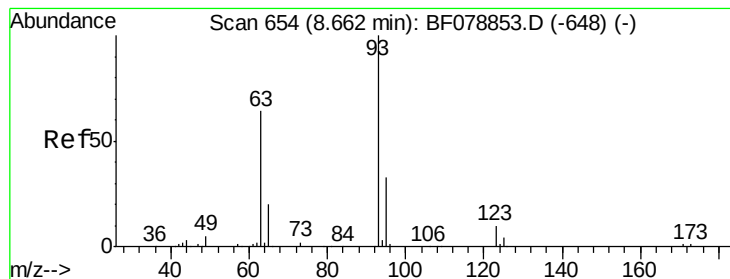
Tgt Ion	Ratio	Lower	Upper
139	100		
109	28.2	20.9	31.3
65	46.1	35.8	53.8



#27
 2,4-Dimethylphenol
 Concen: 47.02 ng
 RT: 8.31 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF079358.D
 Acq: 20 May 2015 1:08

Tgt Ion	Ratio	Lower	Upper
122	100		
107	110.6	83.6	125.4
121	57.6	44.9	67.3





#28

bis(2-Chloroethoxy)methane

Concen: 43.97 ng

RT: 8.43 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

Instrument :

BNA_F

ClientSampled :

SB-20MS

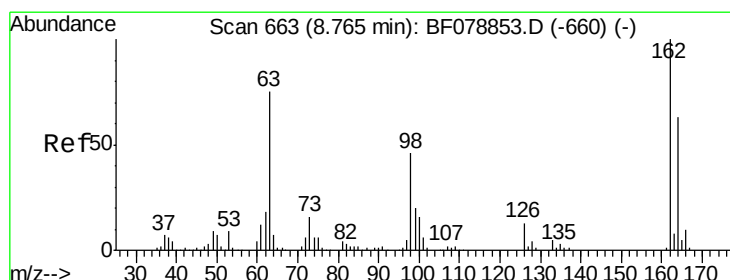
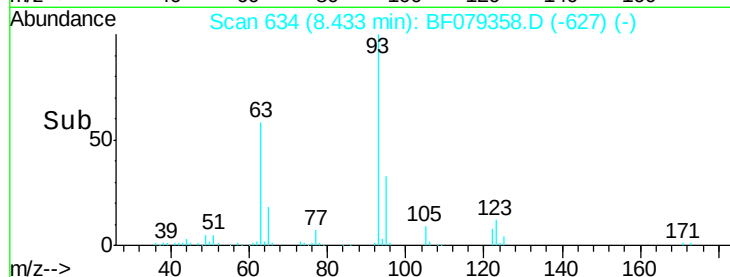
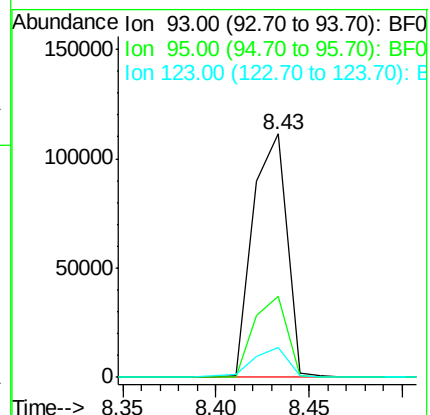
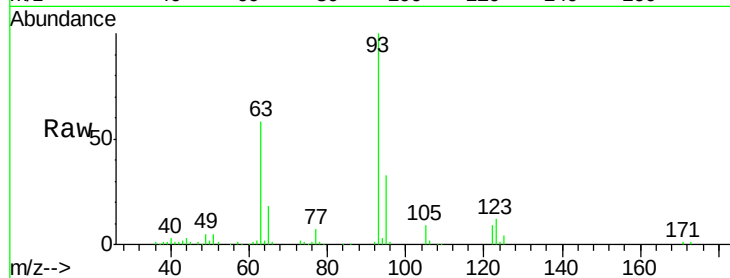
Tgt Ion: 93 Resp: 140691

Ion Ratio Lower Upper

93 100

95 33.4 26.2 39.2

123 12.2 8.6 12.8



#29

2,4-Dichlorophenol

Concen: 47.59 ng

RT: 8.54 min Scan# 643

Delta R.T. 0.00 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

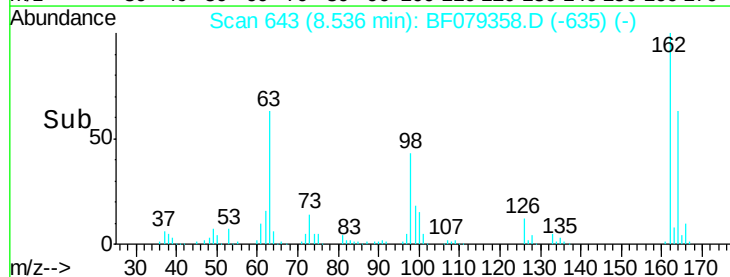
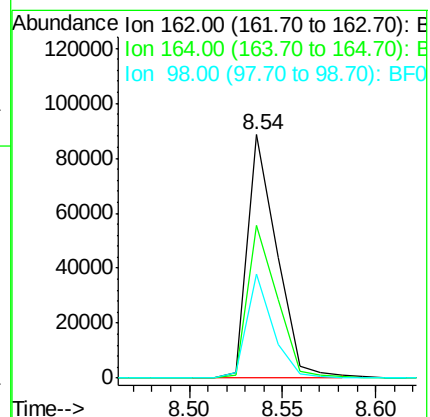
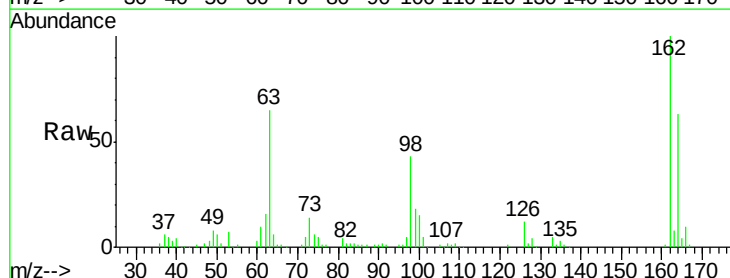
Tgt Ion: 162 Resp: 97248

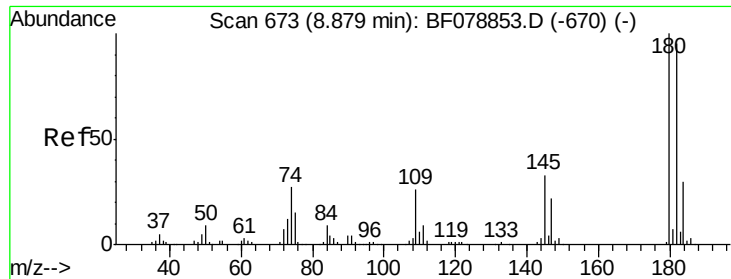
Ion Ratio Lower Upper

162 100

164 62.6 42.7 82.7

98 42.8 26.3 66.3

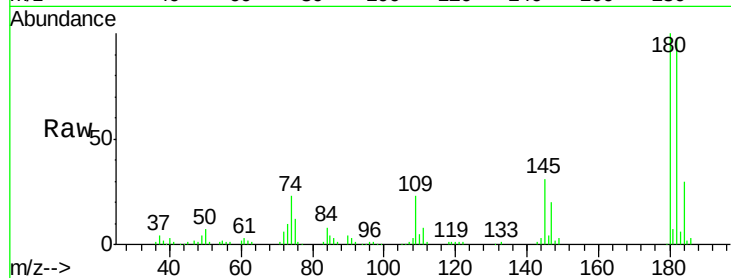




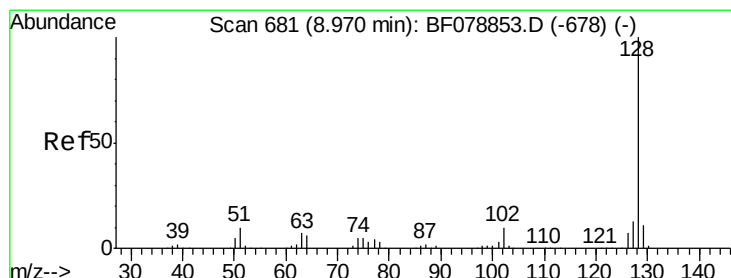
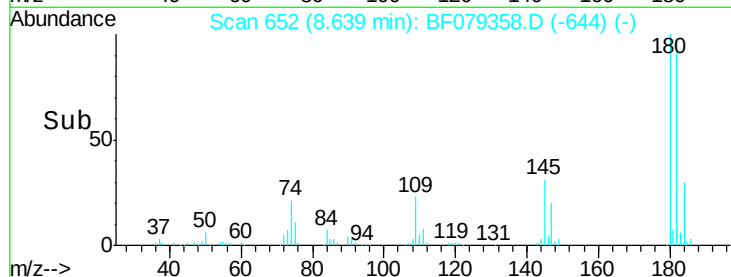
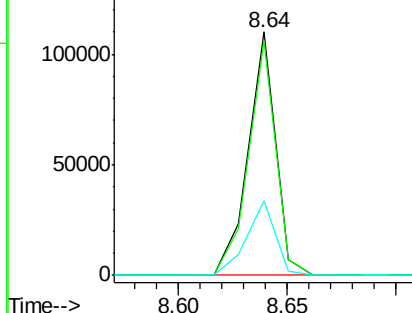
#30
 1,2,4-Trichlorobenzene
 Concen: 43.10 ng
 RT: 8.64 min Scan# 652
 Delta R.T. 0.00 min
 Lab File: BF079358.D
 Acq: 20 May 2015 1:08

Instrument :
 BNA_F
 ClientSampled :
 SB-20MS

Tgt Ion:180 Resp: 96759
 Ion Ratio Lower Upper
 180 100
 182 96.5 75.7 113.5
 145 30.6 26.2 39.4

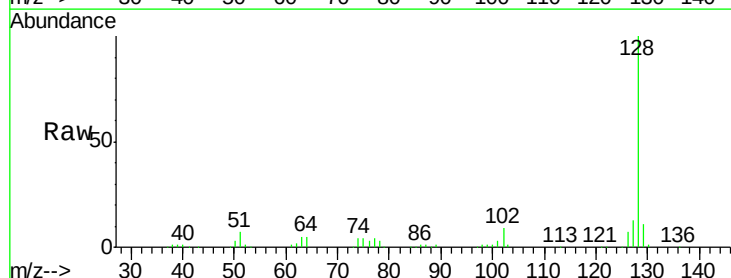


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

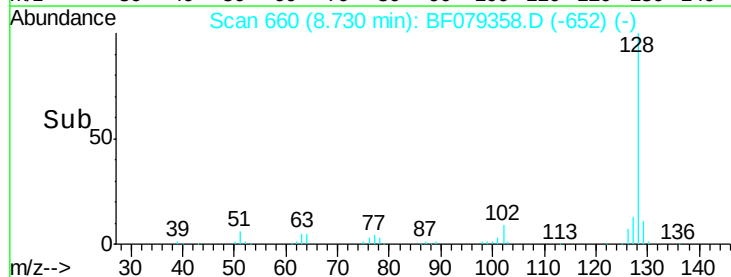
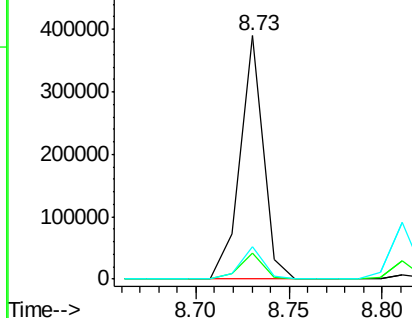


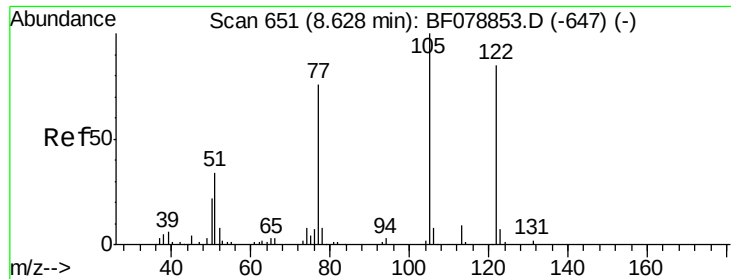
#31
 Naphthalene
 Concen: 44.37 ng
 RT: 8.73 min Scan# 660
 Delta R.T. 0.00 min
 Lab File: BF079358.D
 Acq: 20 May 2015 1:08

Tgt Ion:128 Resp: 340119
 Ion Ratio Lower Upper
 128 100
 129 10.8 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

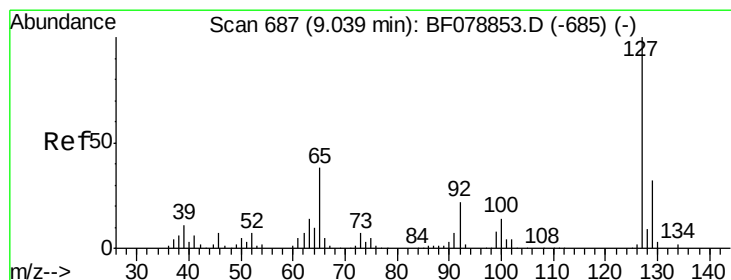
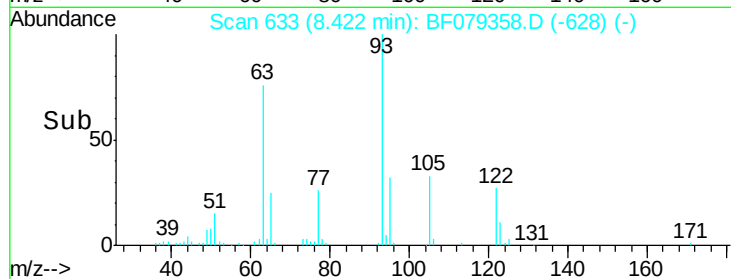
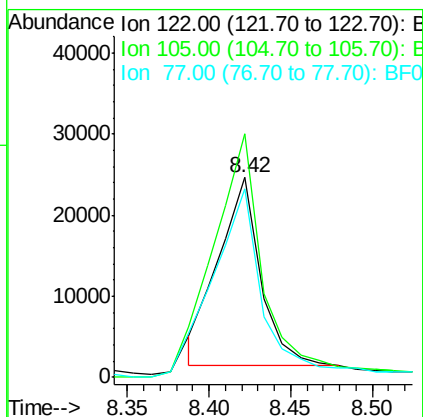
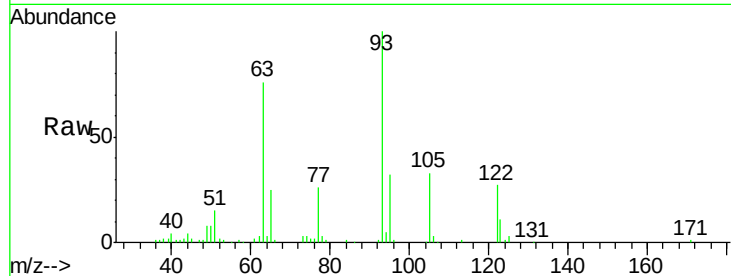




#32
Benzoic acid
Concen: 31.53 ng
RT: 8.42 min Scan# 633
Delta R.T. -0.02 min
Lab File: BF079358.D
Acq: 20 May 2015 1:08

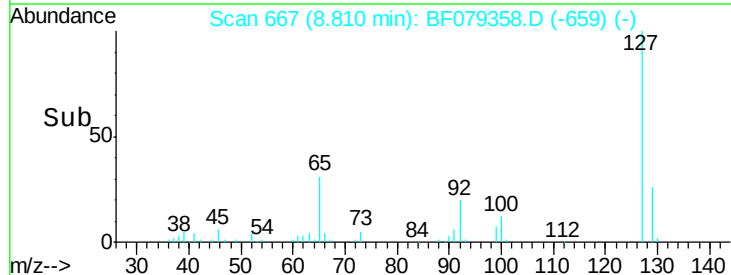
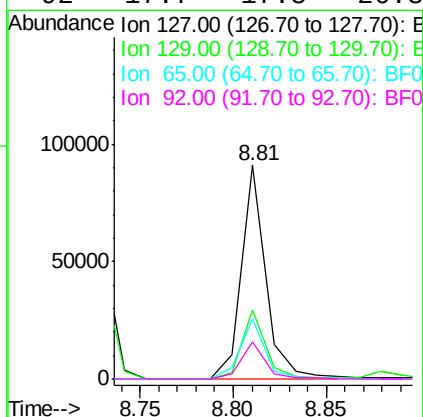
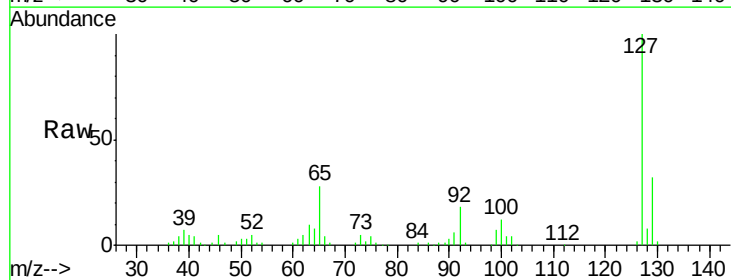
Instrument :
BNA_F
ClientSampleId :
SB-20MS

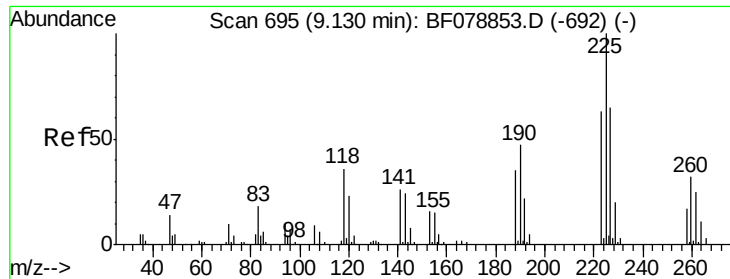
Tgt Ion:122 Resp: 41806
Ion Ratio Lower Upper
122 100
105 121.7 100.7 140.7
77 94.5 72.0 112.0



#33
4-Chloroaniline
Concen: 25.93 ng
RT: 8.81 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF079358.D
Acq: 20 May 2015 1:08

Tgt Ion:127 Resp: 84100
Ion Ratio Lower Upper
127 100
129 32.3 25.6 38.4
65 28.1 30.2 45.4#
92 17.7 17.5 26.3

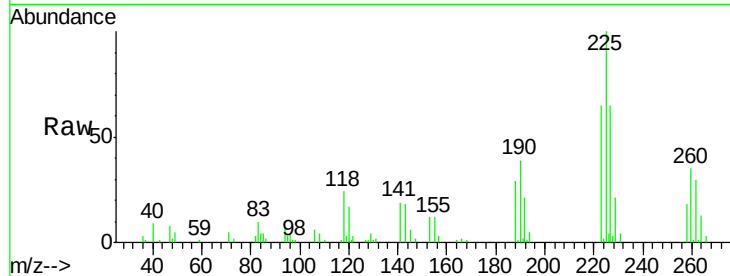




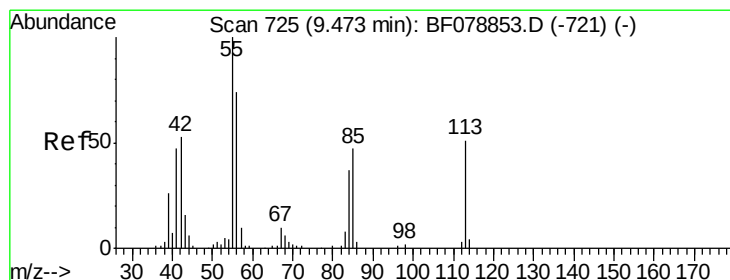
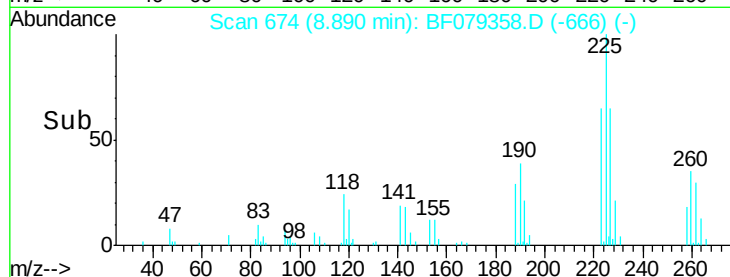
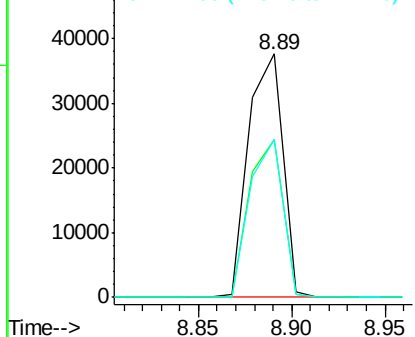
#34
Hexachlorobutadiene
Concen: 37.00 ng
RT: 8.89 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF079358.D
Acq: 20 May 2015 1:08

Instrument :
BNA_F
ClientSampleId :
SB-20MS

Tgt Ion: 225 Resp: 47837
Ion Ratio Lower Upper
225 100
223 64.6 50.6 75.8
227 65.0 52.1 78.1

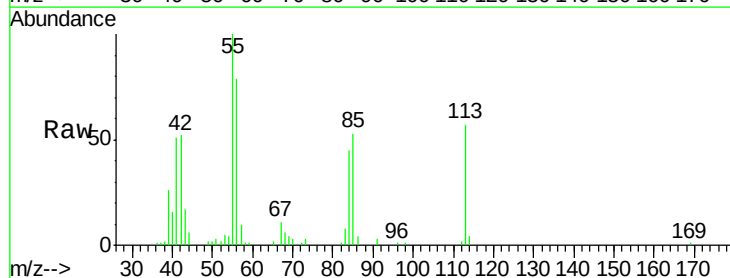


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

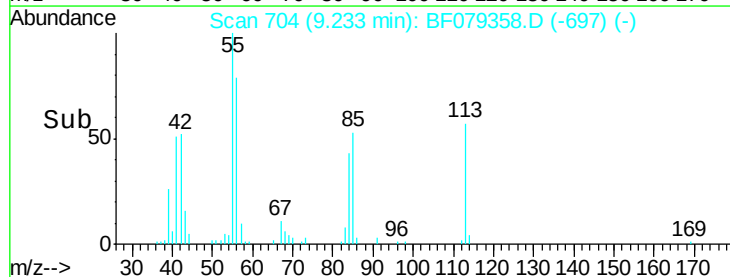
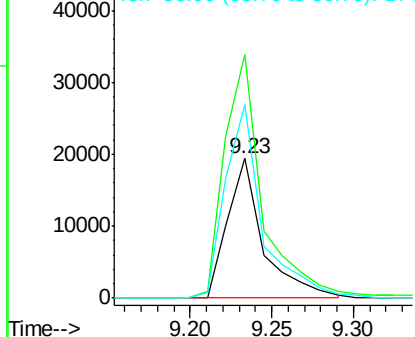


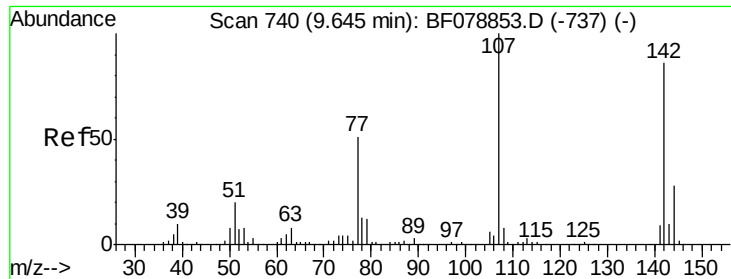
#35
Caprolactam
Concen: 44.19 ng
RT: 9.23 min Scan# 704
Delta R.T. -0.01 min
Lab File: BF079358.D
Acq: 20 May 2015 1:08

Tgt Ion: 113 Resp: 29201
Ion Ratio Lower Upper
113 100
55 174.5 176.0 216.0#
56 138.6 123.8 163.8



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

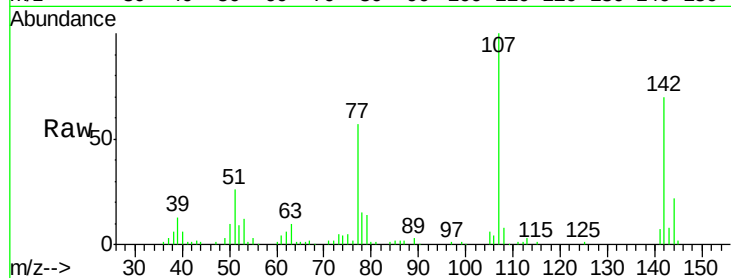




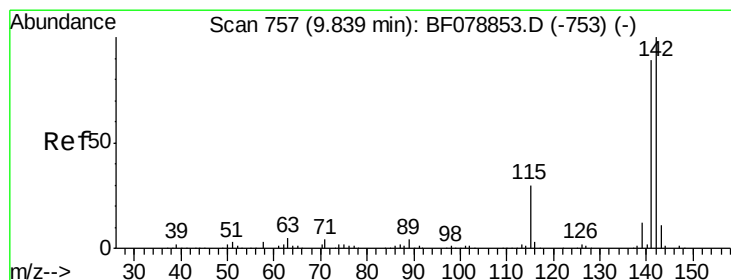
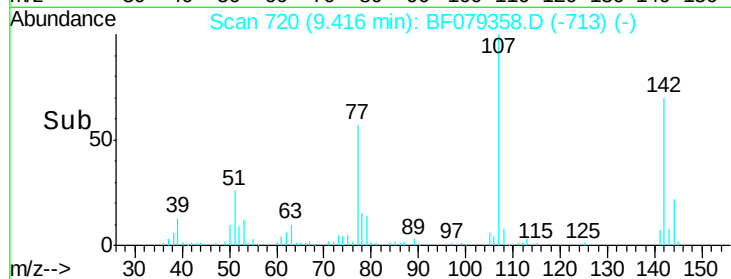
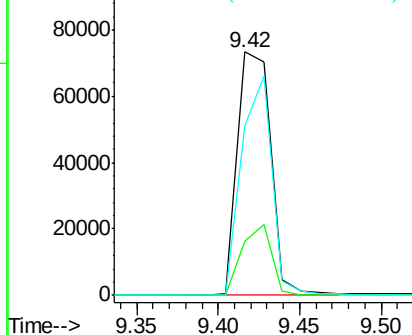
#36
 4-Chloro-3-methylphenol
 Concen: 48.47 ng
 RT: 9.42 min Scan# 720
 Delta R.T. -0.01 min
 Lab File: BF079358.D
 Acq: 20 May 2015 1:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-20MS

Tgt Ion:107 Resp: 104043
 Ion Ratio Lower Upper
 107 100
 144 22.2 22.5 33.7#
 142 69.8 68.6 103.0

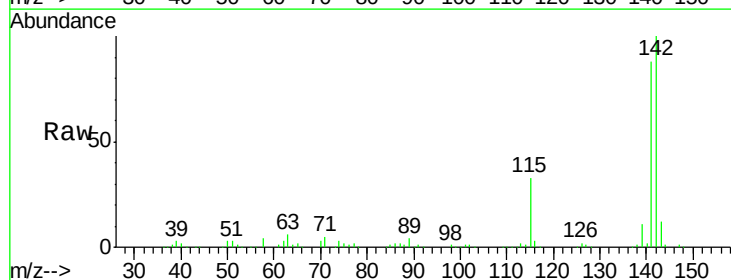


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

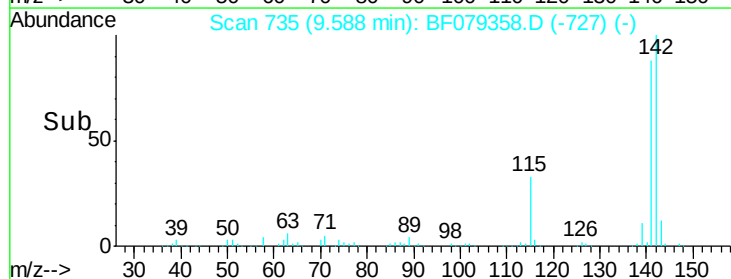
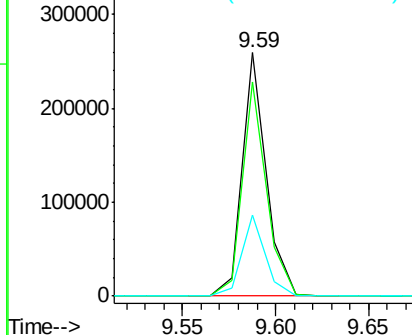


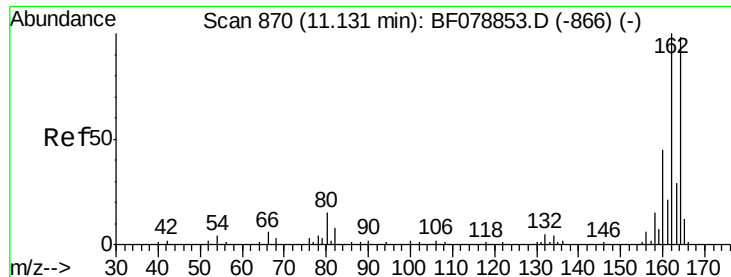
#37
 2-Methylnaphthalene
 Concen: 43.68 ng
 RT: 9.59 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF079358.D
 Acq: 20 May 2015 1:08

Tgt Ion:142 Resp: 232027
 Ion Ratio Lower Upper
 142 100
 141 87.9 71.6 107.4
 115 33.4 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: 10.88 min Scan# 848

Delta R.T. 0.00 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

Instrument :

BNA_F

ClientSampleId :

SB-20MS

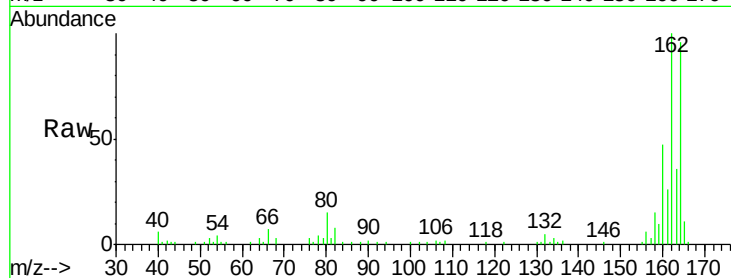
Tgt Ion:164 Resp: 81480

Ion Ratio Lower Upper

164 100

162 104.0 81.4 122.0

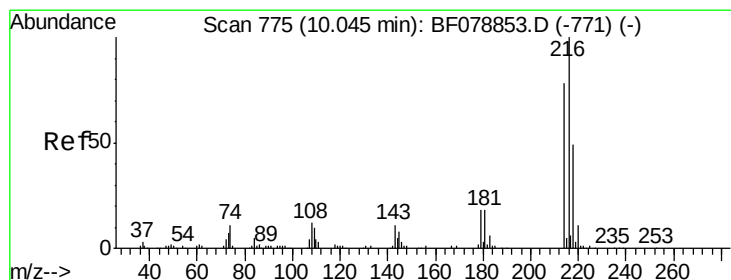
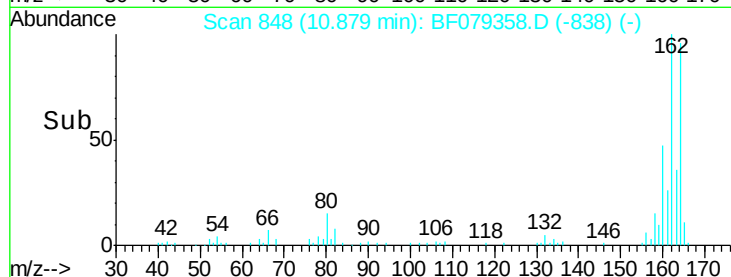
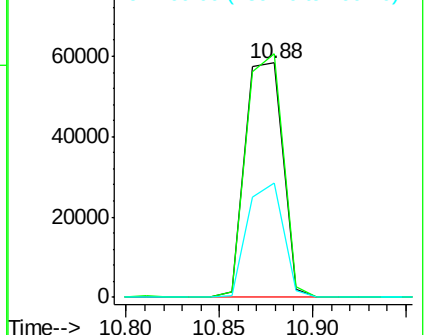
160 48.7 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.01 ng

RT: 9.79 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

Tgt Ion:216 Resp: 89512

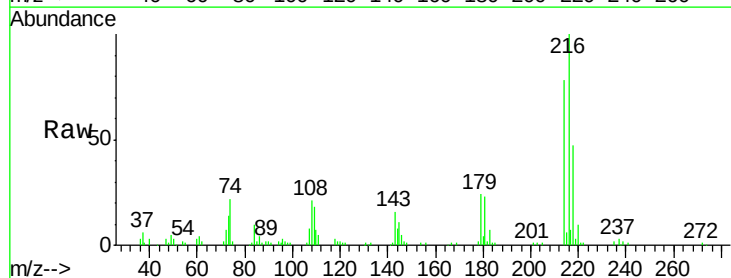
Ion Ratio Lower Upper

216 100

214 78.1 64.0 96.0

179 23.2 17.0 25.4

108 22.9 17.0 25.6

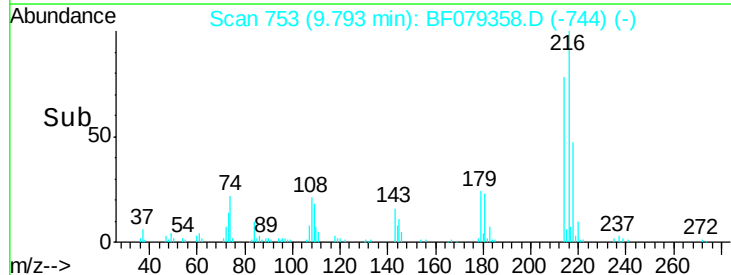
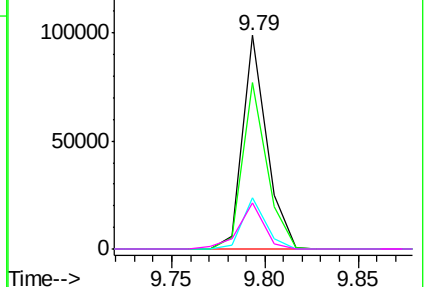


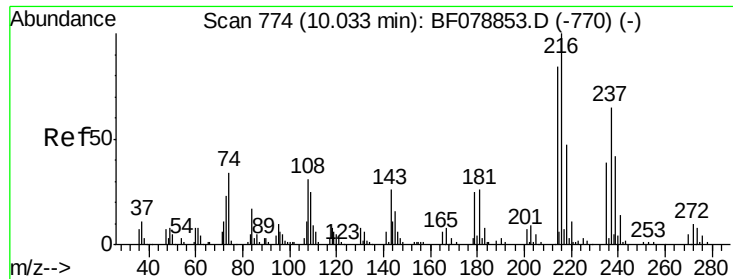
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

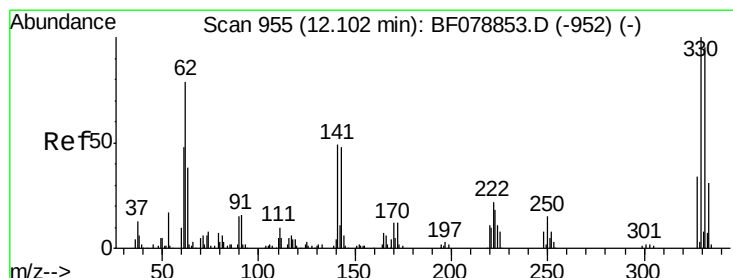
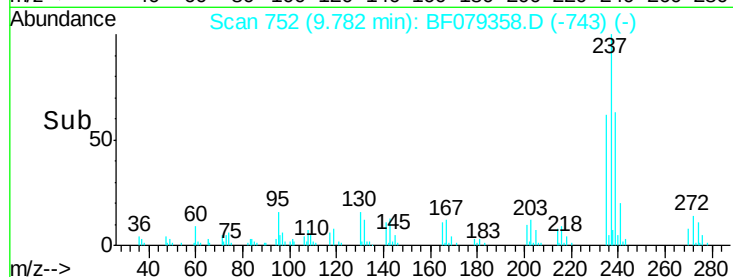
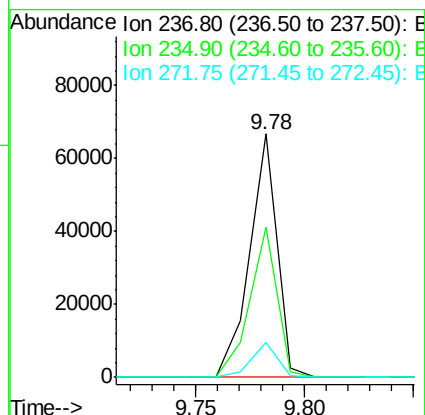
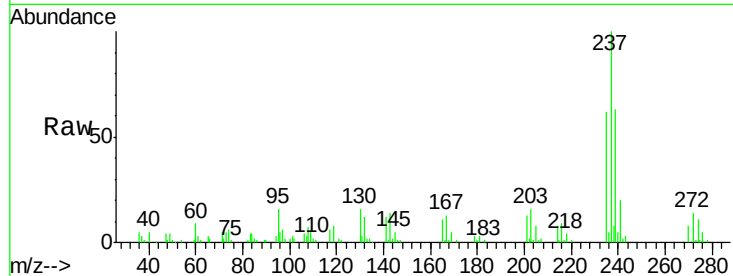




#40
Hexachlorocyclopentadiene
Concen: 50.45 ng
RT: 9.78 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF079358.D
Acq: 20 May 2015 1:08

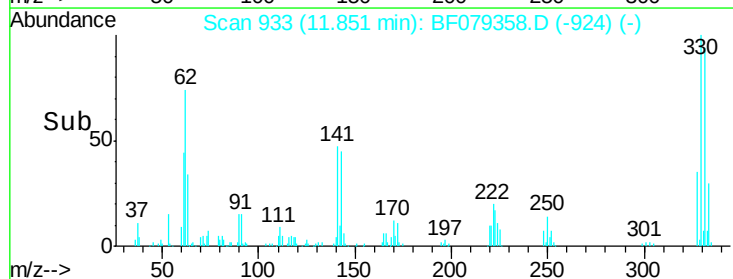
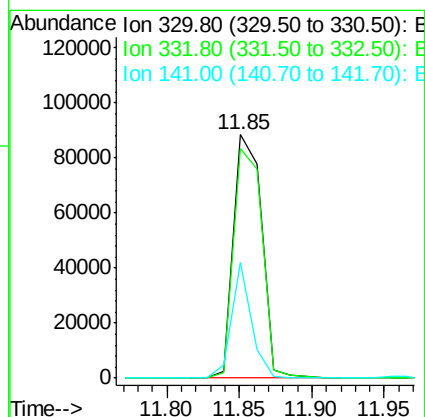
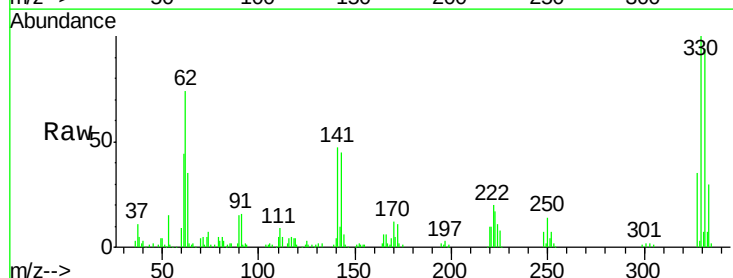
Instrument :
BNA_F
ClientSampleId :
SB-20MS

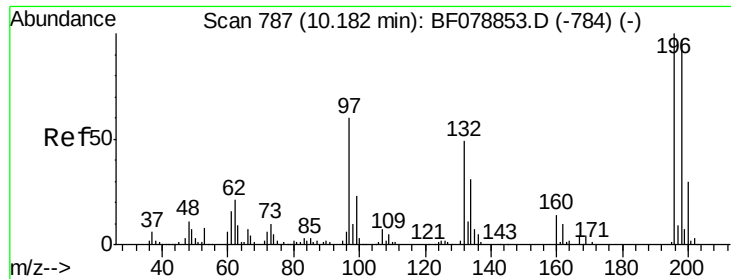
Tgt Ion: 237 Resp: 58210
Ion Ratio Lower Upper
237 100
235 61.7 40.0 80.0
272 14.3 0.0 36.0



#41
2,4,6-Tribromophenol
Concen: 135.03 ng
RT: 11.85 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF079358.D
Acq: 20 May 2015 1:08

Tgt Ion: 330 Resp: 119027
Ion Ratio Lower Upper
330 100
332 95.8 76.9 115.3
141 33.4 27.8 41.8

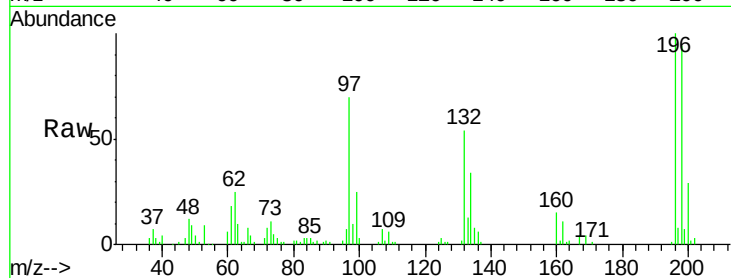




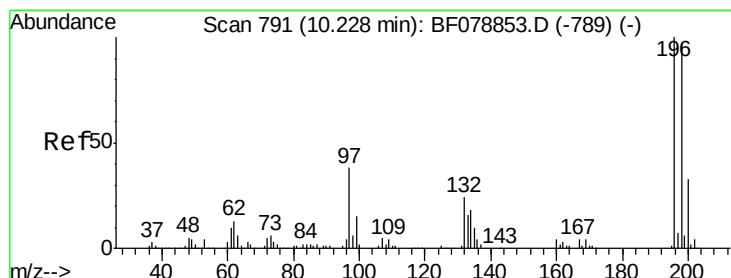
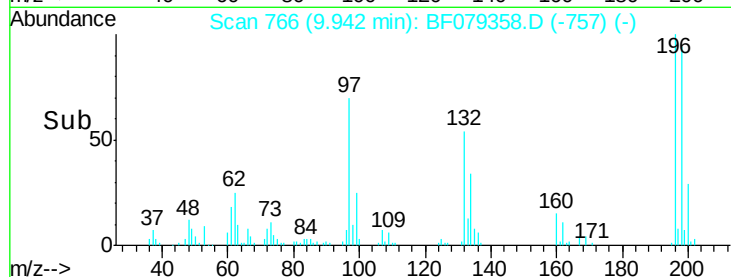
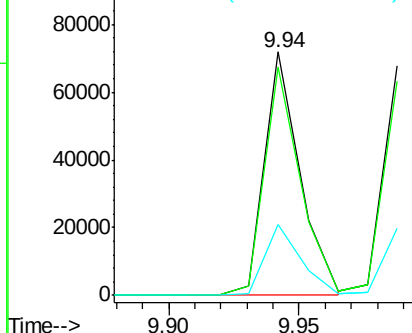
#42
 2,4,6-Trichlorophenol
 Concen: 42.48 ng
 RT: 9.94 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF079358.D
 Acq: 20 May 2015 1:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-20MS

Tgt Ion:196 Resp: 67010
 Ion Ratio Lower Upper
 196 100
 198 93.5 77.4 116.2
 200 29.0 23.7 35.5

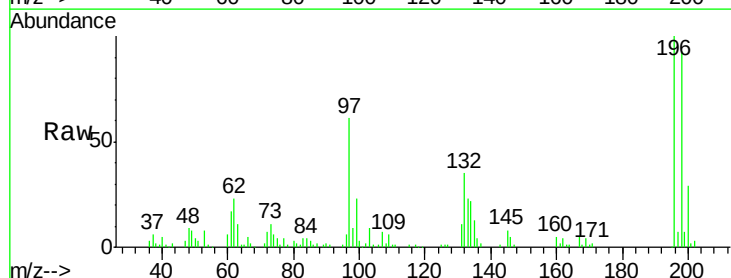


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

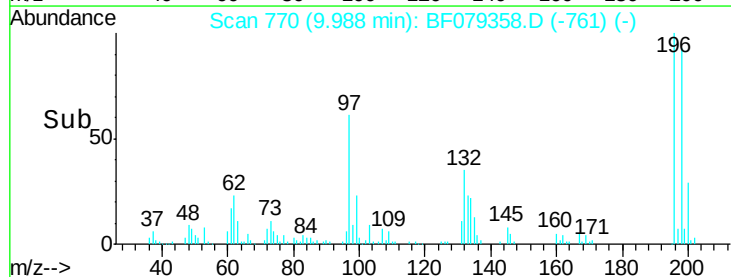
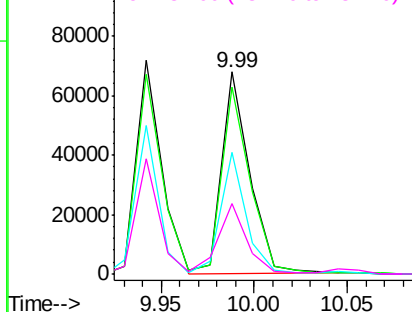


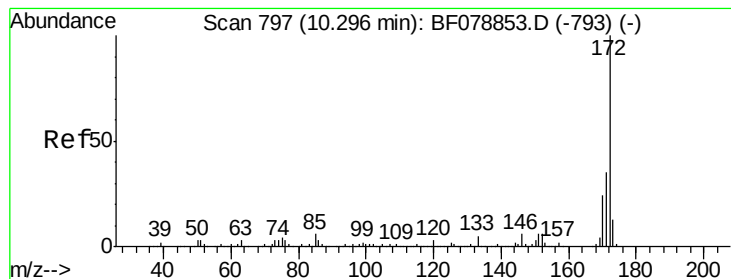
#43
 2,4,5-Trichlorophenol
 Concen: 44.24 ng
 RT: 9.99 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF079358.D
 Acq: 20 May 2015 1:08

Tgt Ion:196 Resp: 70563
 Ion Ratio Lower Upper
 196 100
 198 92.9 77.3 115.9
 97 60.6 31.3 46.9#
 132 34.9 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: 74.14 ng

RT: 10.04 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

Instrument :

BNA_F

ClientSampleId :

SB-20MS

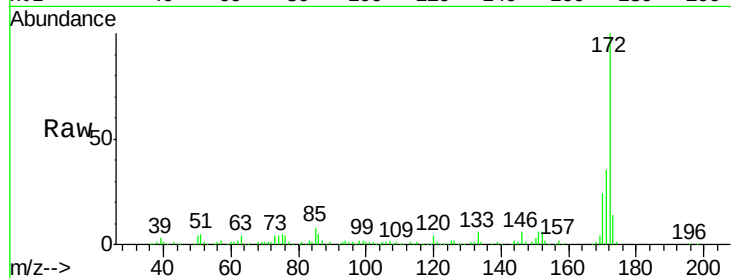
Tgt Ion:172 Resp: 433617

Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

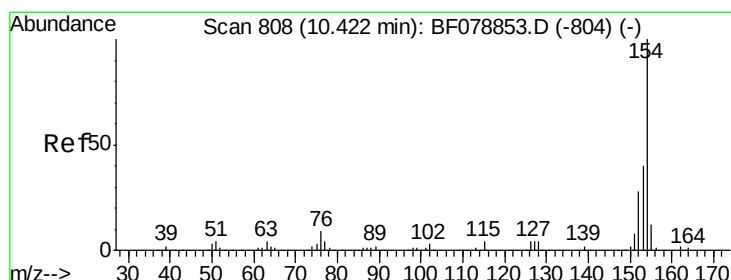
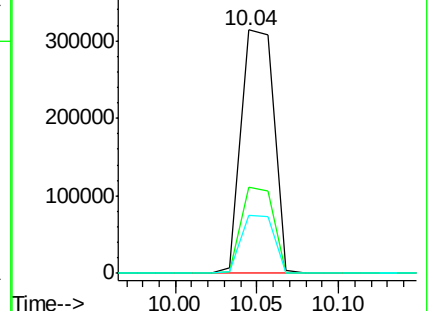
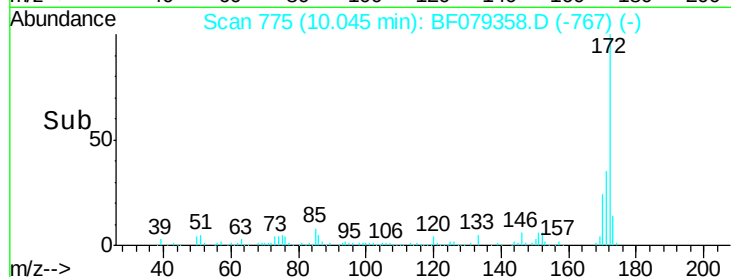
170 24.0 19.4 29.2



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: 42.95 ng

RT: 10.17 min Scan# 786

Delta R.T. 0.00 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

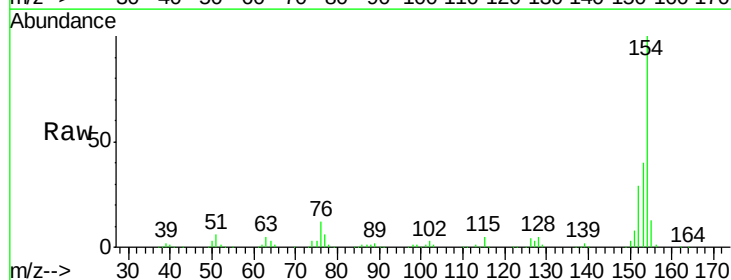
Tgt Ion:154 Resp: 278221

Ion Ratio Lower Upper

154 100

153 39.5 19.7 59.7

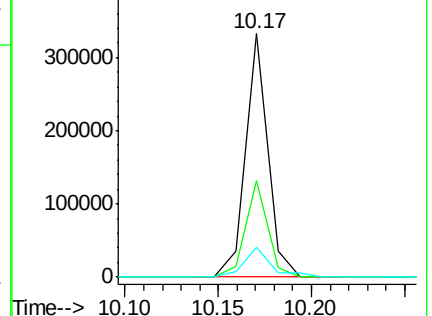
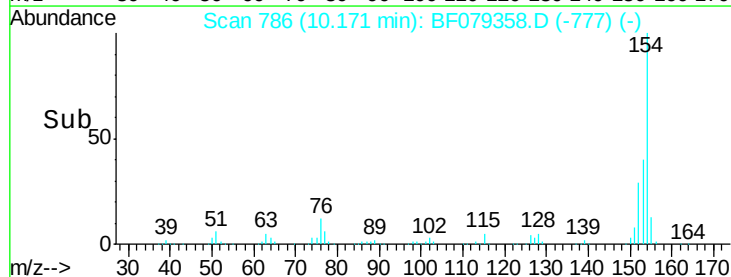
76 12.3 0.0 29.1

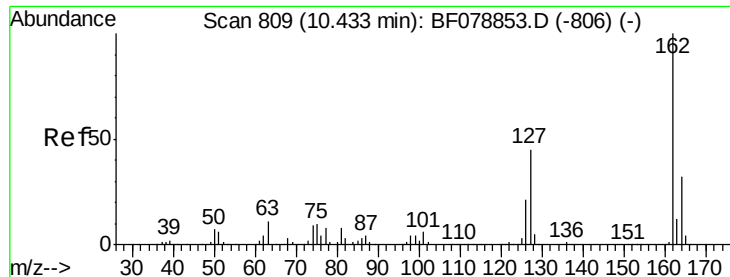


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

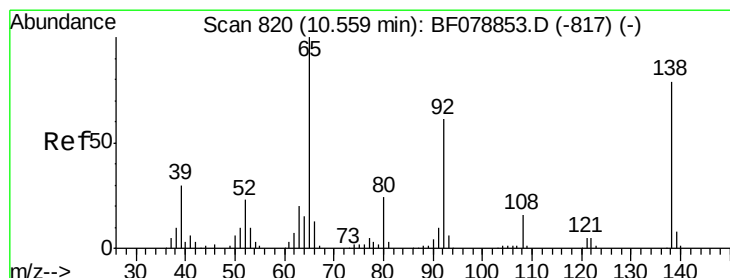
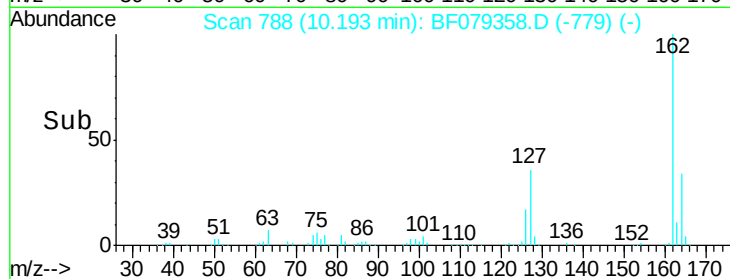
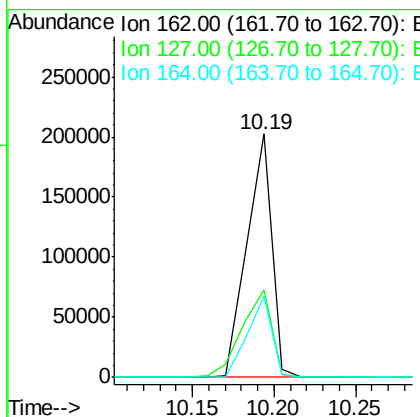
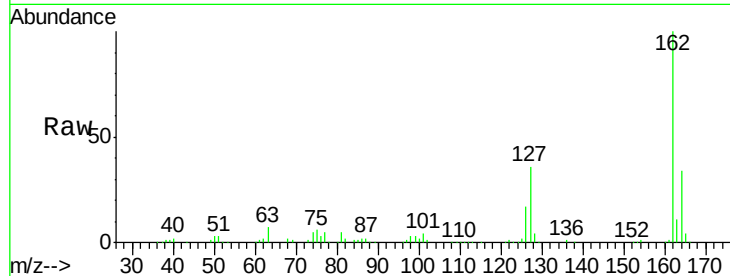




#46
 2-Chloronaphthalene
 Concen: 42.28 ng
 RT: 10.19 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF079358.D
 Acq: 20 May 2015 1:08

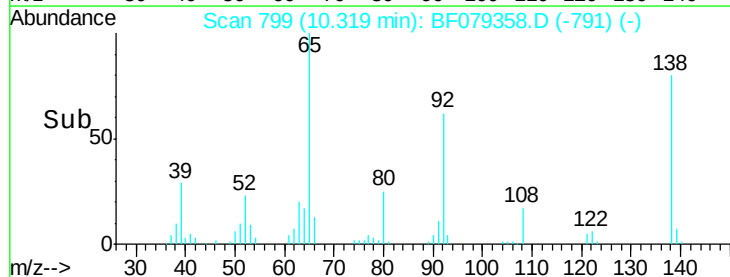
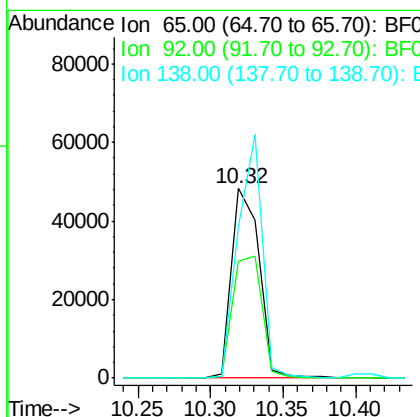
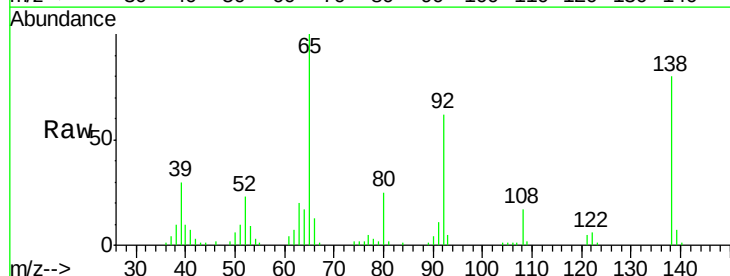
Instrument :
 BNA_F
 ClientSampleId :
 SB-20MS

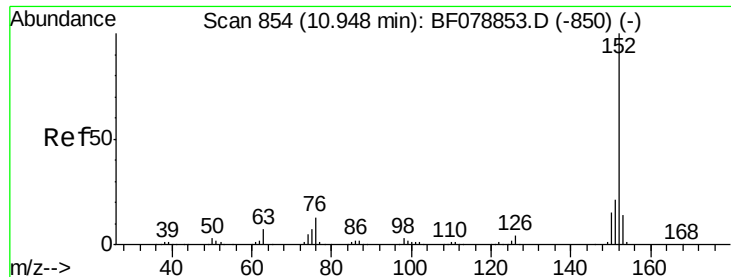
Tgt Ion: 162 Resp: 213613
 Ion Ratio Lower Upper
 162 100
 127 35.7 36.3 54.5#
 164 33.5 25.9 38.9



#47
 2-Nitroaniline
 Concen: 43.52 ng
 RT: 10.32 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF079358.D
 Acq: 20 May 2015 1:08

Tgt Ion: 65 Resp: 63707
 Ion Ratio Lower Upper
 65 100
 92 62.0 49.1 73.7
 138 79.9 63.2 94.8





#48

Acenaphthylene

Concen: 40.30 ng

RT: 10.70 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

Instrument :

BNA_F

ClientSampleId :

SB-20MS

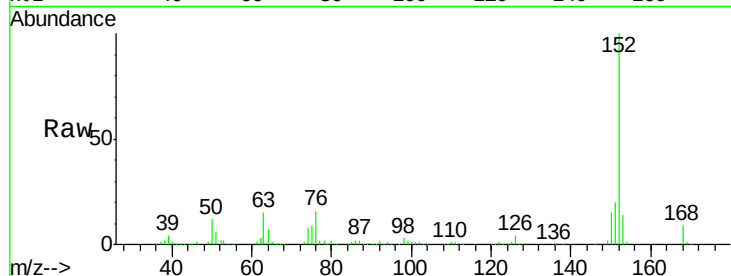
Tgt Ion:152 Resp: 334286

Ion Ratio Lower Upper

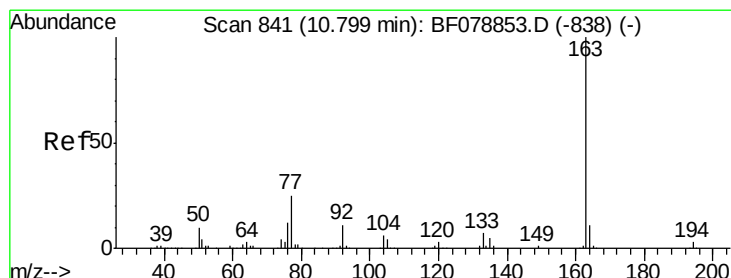
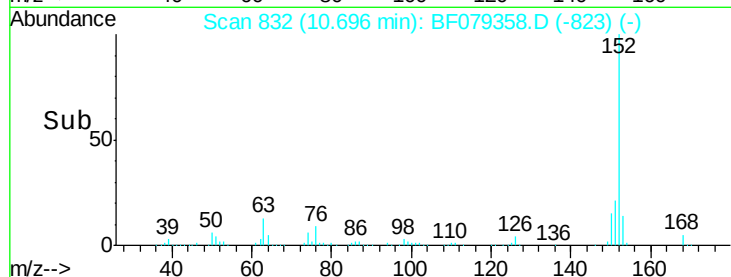
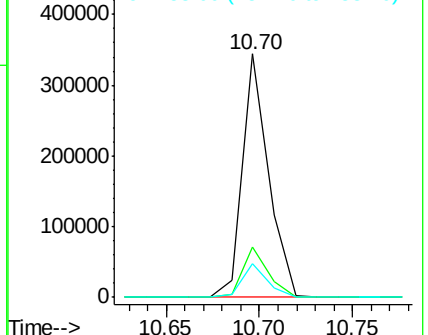
152 100

151 20.4 16.6 24.8

153 13.6 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: 56.31 ng

RT: 10.56 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

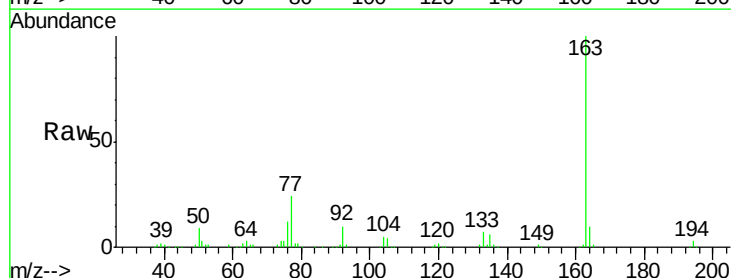
Tgt Ion:163 Resp: 336750

Ion Ratio Lower Upper

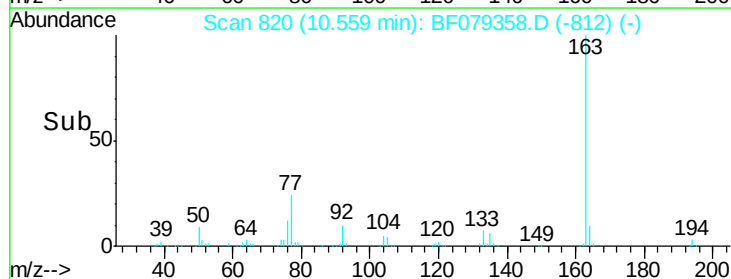
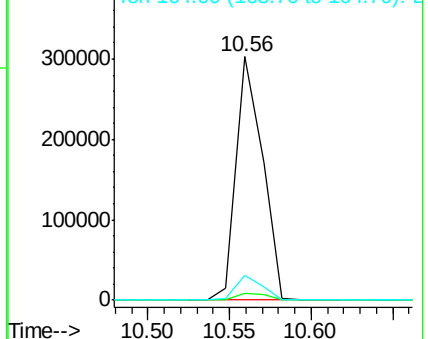
163 100

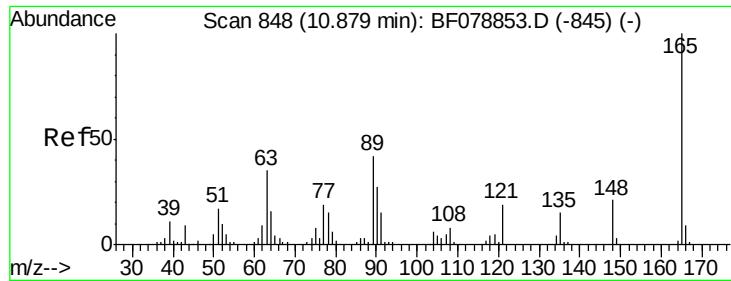
194 3.0 2.4 3.6

164 9.9 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

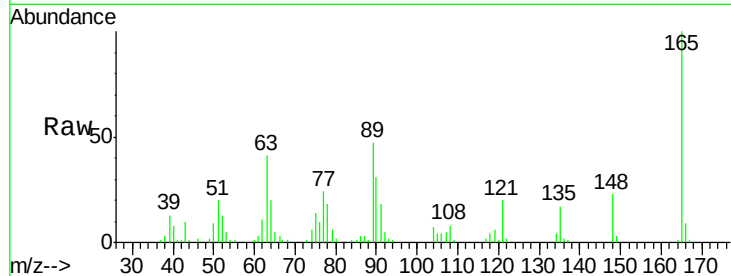




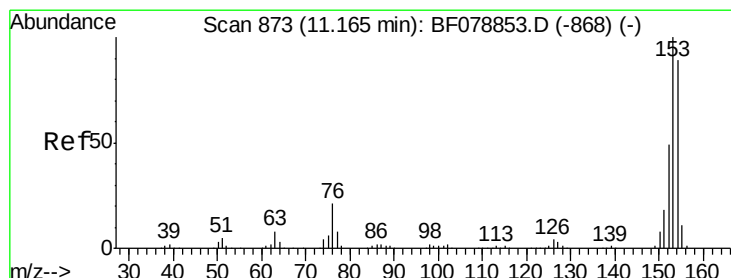
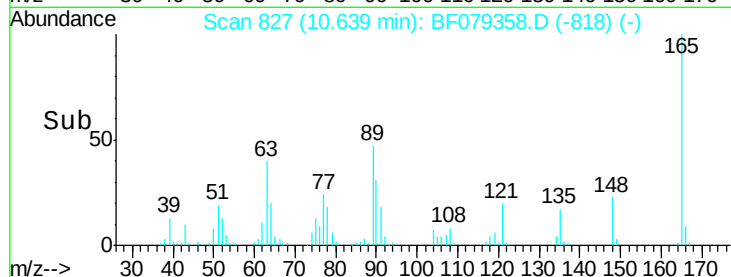
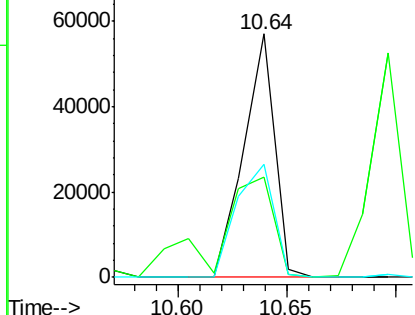
#50
 2,6-Dinitrotoluene
 Concen: 47.59 ng
 RT: 10.64 min Scan# 827
 Delta R.T. 0.00 min
 Lab File: BF079358.D
 Acq: 20 May 2015 1:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-20MS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	41.2	29.2	43.8
89	46.7	33.3	49.9

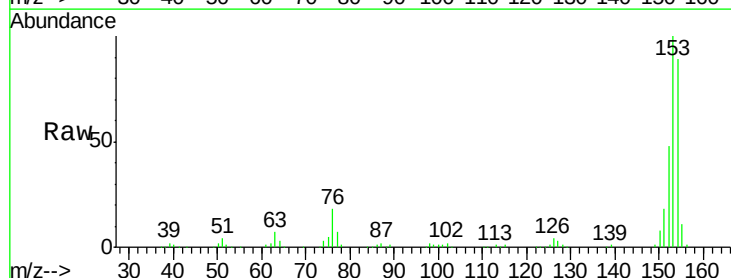


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

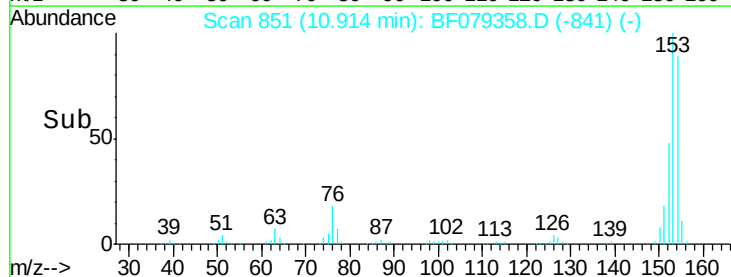
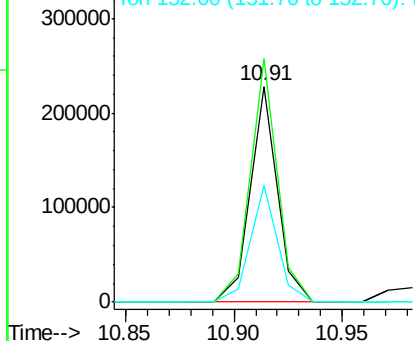


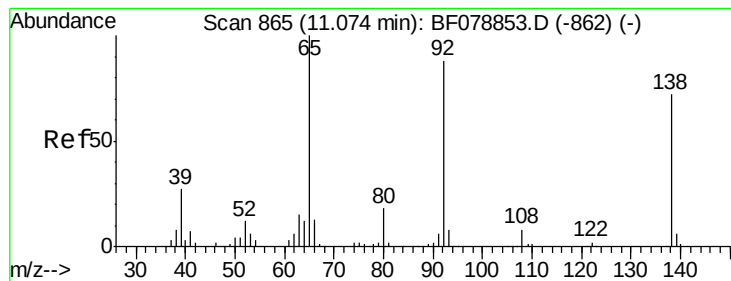
#51
 Acenaphthene
 Concen: 39.78 ng
 RT: 10.91 min Scan# 851
 Delta R.T. 0.00 min
 Lab File: BF079358.D
 Acq: 20 May 2015 1:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.9	90.2	135.2
152	54.5	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: 34.75 ng

RT: 10.83 min Scan# 844

Delta R.T. 0.00 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

Instrument :

BNA_F

ClientSampleId :

SB-20MS

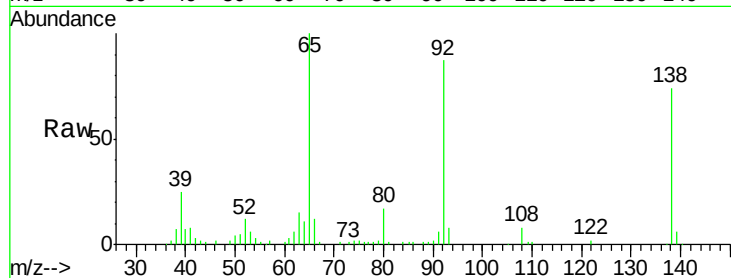
Tgt Ion:138 Resp: 51229

Ion Ratio Lower Upper

138 100

108 10.3 8.5 12.7

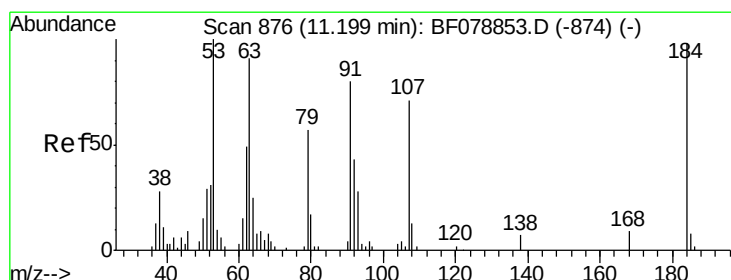
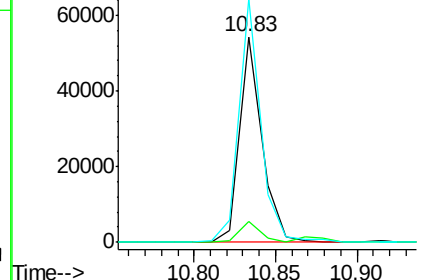
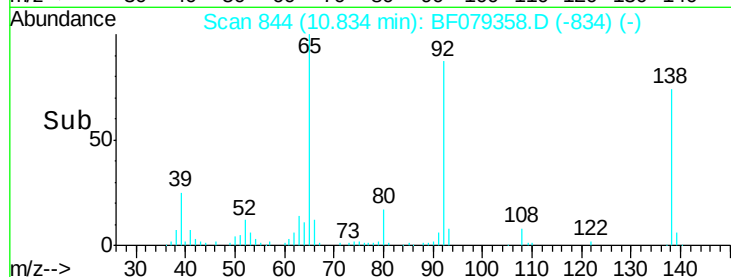
92 118.4 97.4 146.0



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: 72.90 ng

RT: 10.98 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

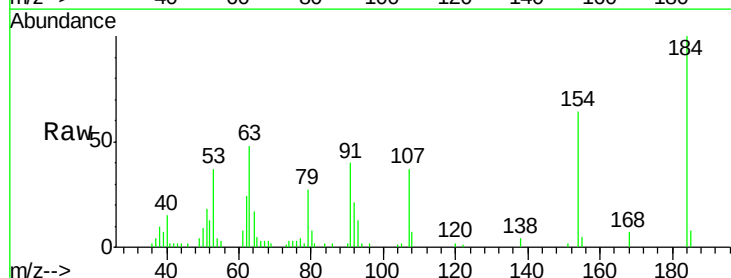
Tgt Ion:184 Resp: 34270

Ion Ratio Lower Upper

184 100

63 47.6 98.8 148.2#

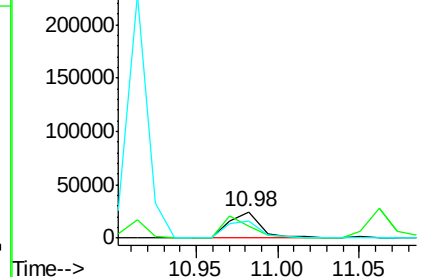
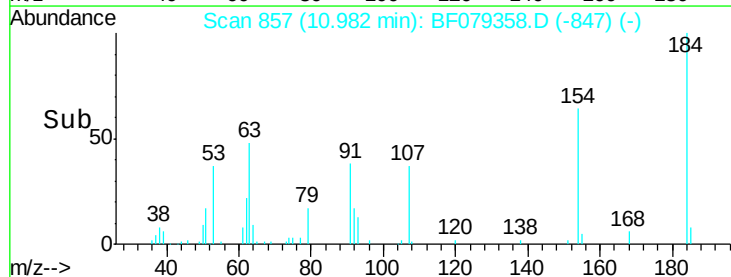
154 64.0 63.4 95.0

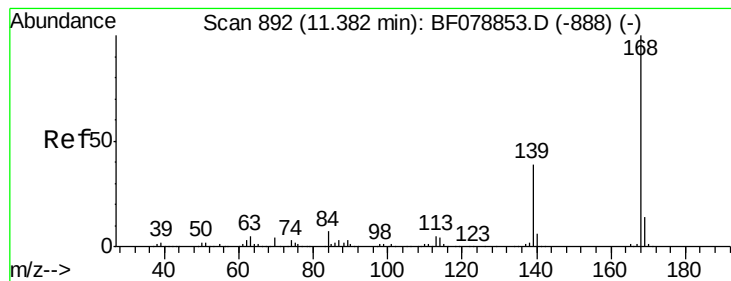


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 43.47 ng

RT: 11.13 min Scan# 870

Delta R.T. 0.00 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

Instrument :

BNA_F

ClientSampleId :

SB-20MS

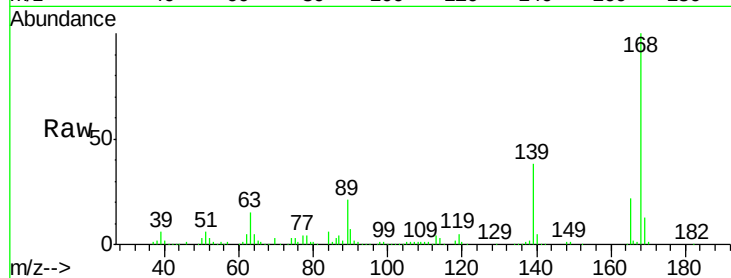
Tgt Ion:168 Resp: 310602

Ion Ratio Lower Upper

168 100

139 38.0 31.5 47.3

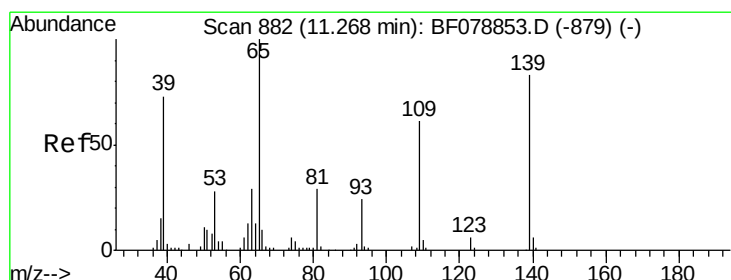
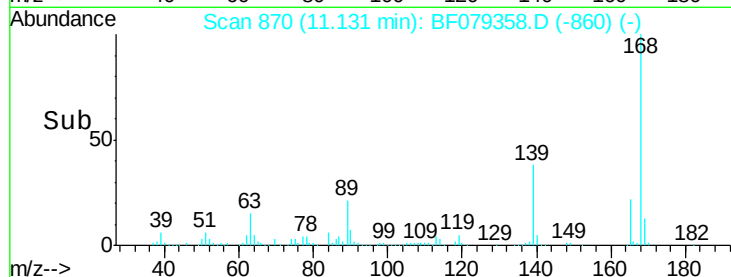
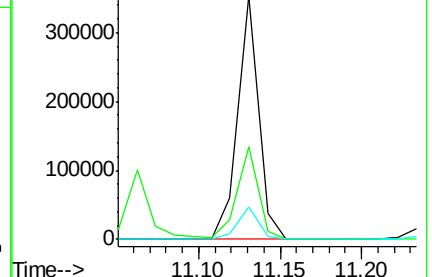
169 13.3 11.0 16.4



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: 84.54 ng

RT: 11.06 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

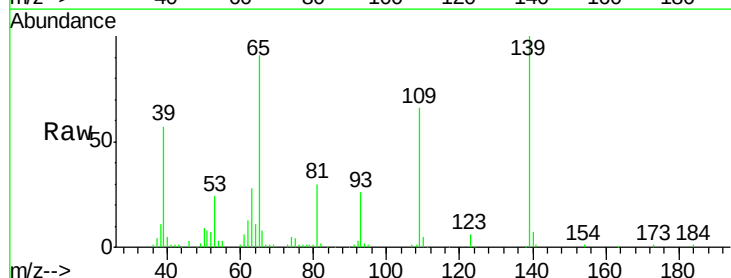
Tgt Ion:139 Resp: 98639

Ion Ratio Lower Upper

139 100

109 66.2 54.4 94.4

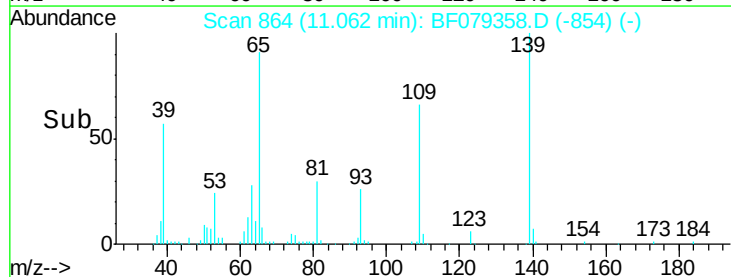
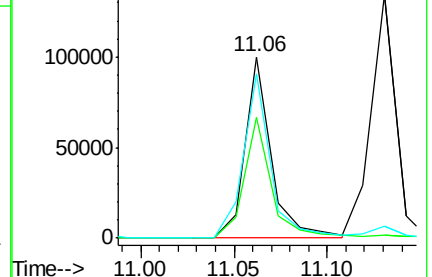
65 90.5 101.0 141.0#

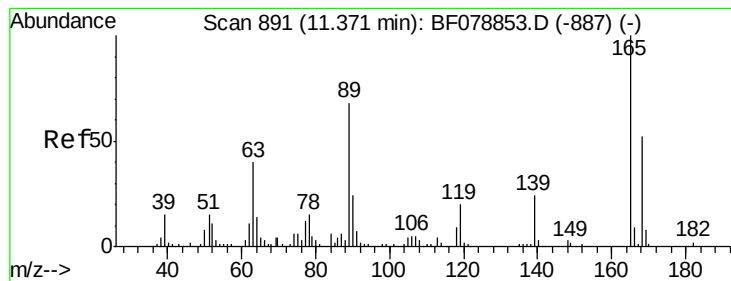


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 46.31 ng

RT: 11.13 min Scan# 870

Delta R.T. 0.00 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

Instrument :

BNA_F

ClientSampleId :

SB-20MS

Tgt Ion:165 Resp: 72245

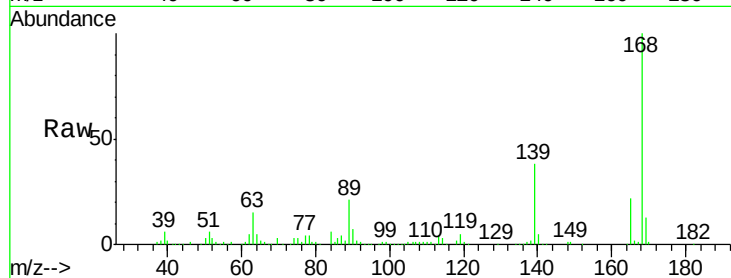
Ion Ratio Lower Upper

165 100

63 71.0 32.3 48.5#

89 96.5 54.6 81.8#

182 1.9 1.8 2.6

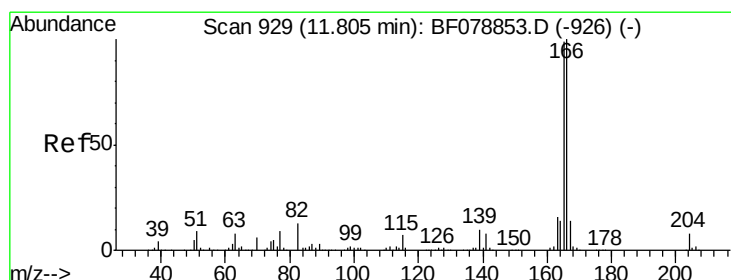
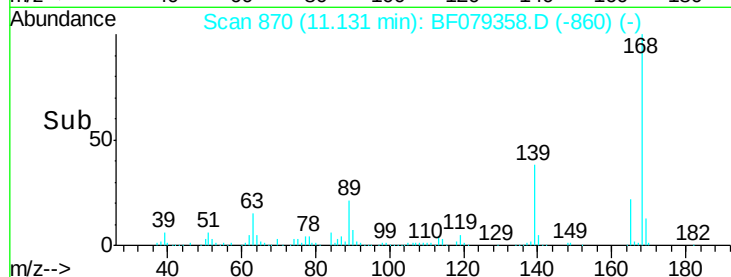
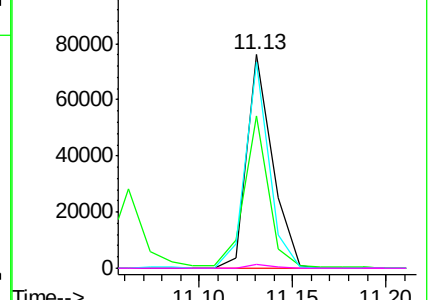


Abundance Ion 165.00 (164.70 to 165.70): E

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: 42.43 ng

RT: 11.55 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

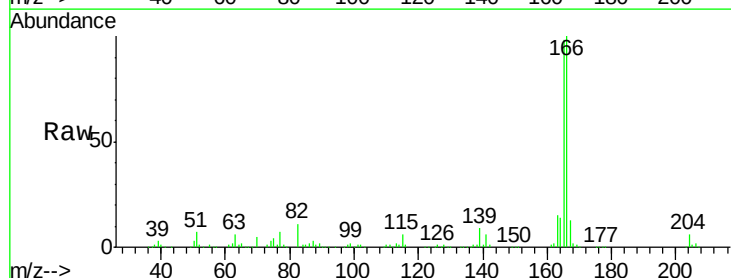
Tgt Ion:166 Resp: 248877

Ion Ratio Lower Upper

166 100

165 97.9 79.5 119.3

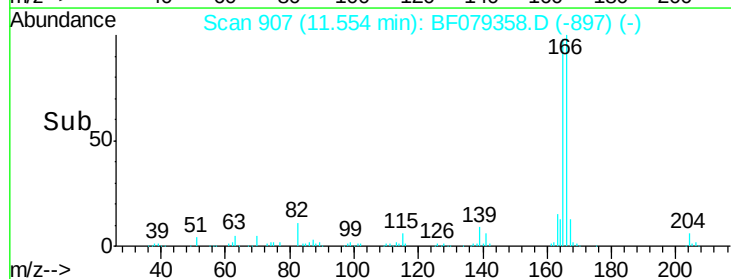
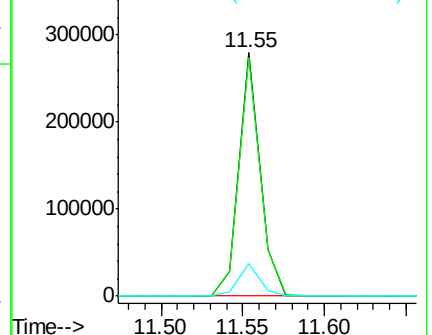
167 13.2 11.0 16.6

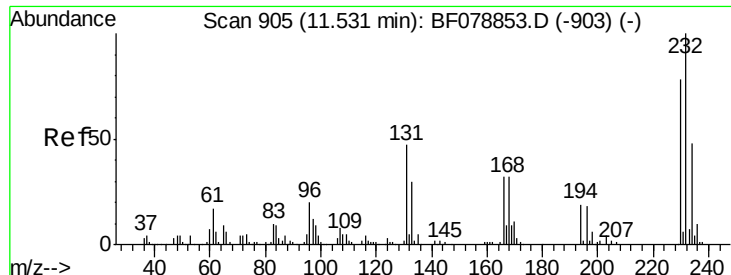


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

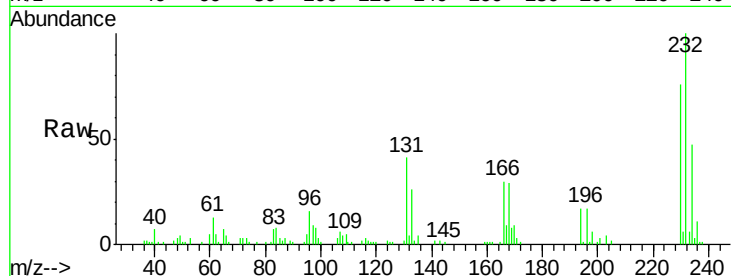




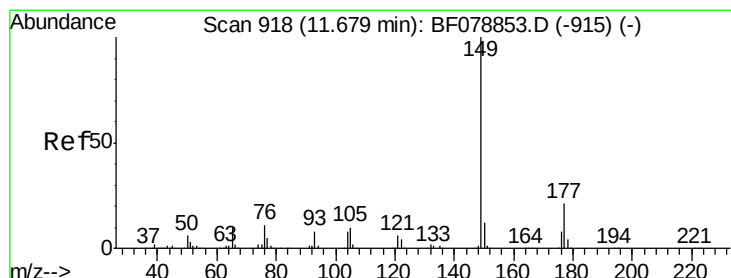
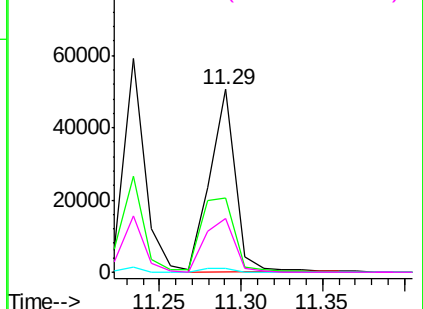
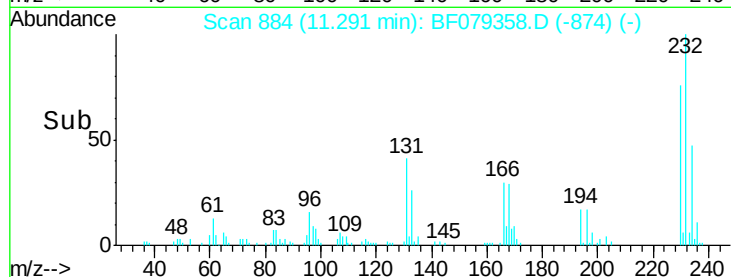
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.90 ng
 RT: 11.29 min Scan# 884
 Delta R.T. 0.00 min
 Lab File: BF079358.D
 Acq: 20 May 2015 1:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-20MS

Tgt Ion: 232 Resp: 54611
 Ion Ratio Lower Upper
 232 100
 131 54.2 41.9 62.9
 130 2.5 1.9 2.9
 166 34.8 27.0 40.6

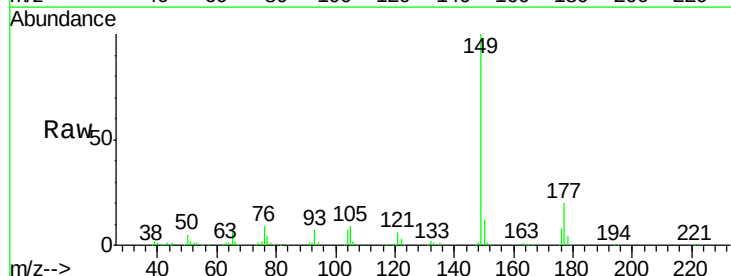


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

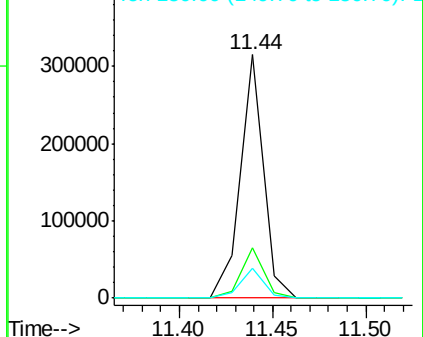
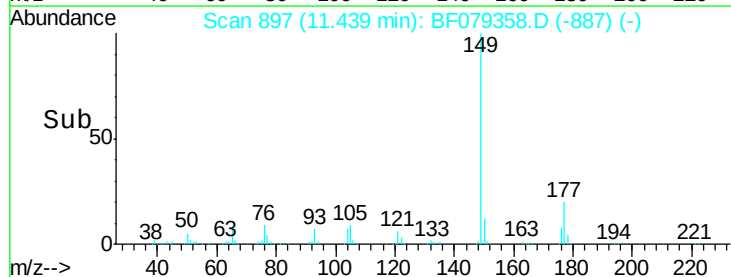


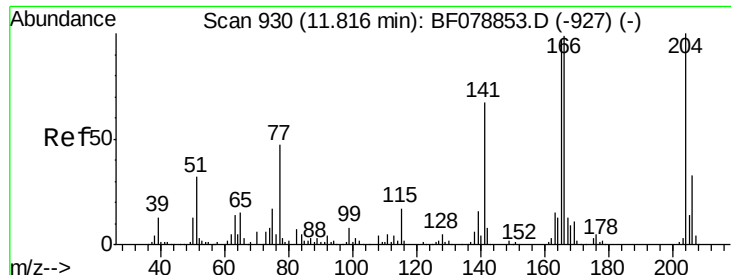
#59
 Diethylphthalate
 Concen: 46.29 ng
 RT: 11.44 min Scan# 897
 Delta R.T. 0.00 min
 Lab File: BF079358.D
 Acq: 20 May 2015 1:08

Tgt Ion: 149 Resp: 274243
 Ion Ratio Lower Upper
 149 100
 177 20.5 16.4 24.6
 150 12.5 9.8 14.6



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

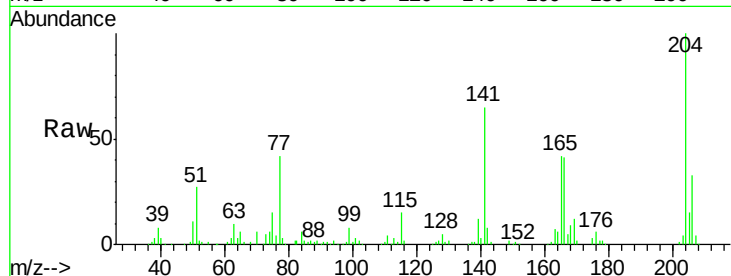




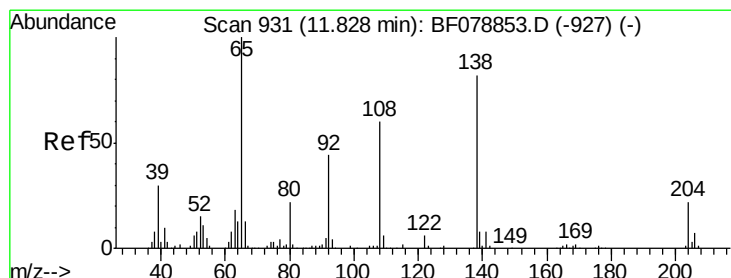
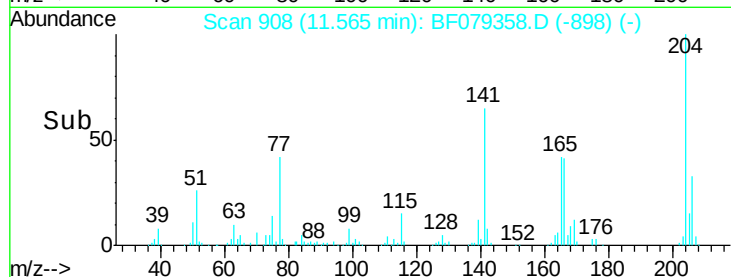
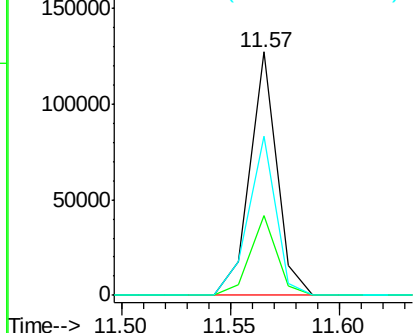
#60
 4-Chlorophenyl-phenylether
 Concen: 42.32 ng
 RT: 11.57 min Scan# 908
 Delta R.T. 0.00 min
 Lab File: BF079358.D
 Acq: 20 May 2015 1:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-20MS

Tgt Ion:204 Resp: 110113
 Ion Ratio Lower Upper
 204 100
 206 33.0 26.2 39.4
 141 65.1 53.6 80.4

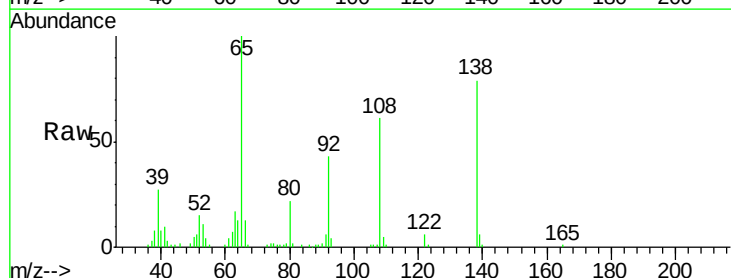


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

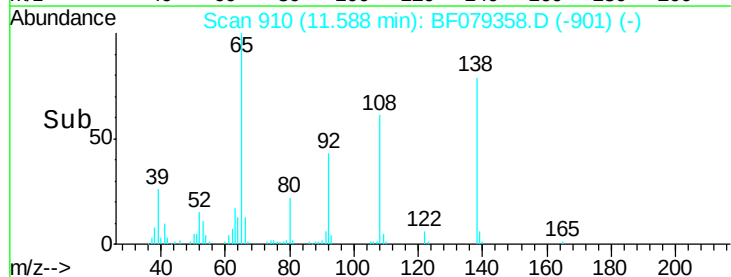
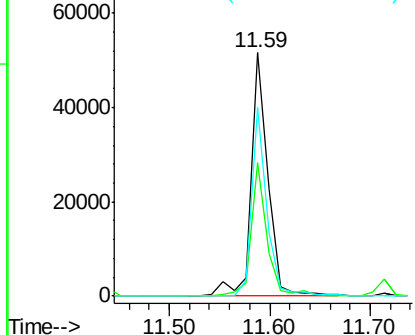


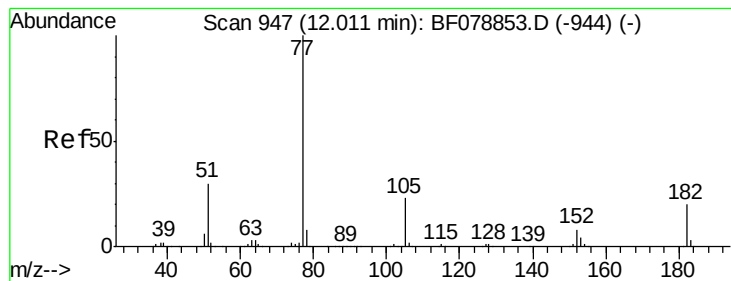
#61
 4-Nitroaniline
 Concen: 41.02 ng
 RT: 11.59 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF079358.D
 Acq: 20 May 2015 1:08

Tgt Ion:138 Resp: 60503
 Ion Ratio Lower Upper
 138 100
 92 54.9 33.7 73.7
 108 77.5 53.4 93.4



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





#62

Azobenzene

Concen: 43.39 ng

RT: 11.76 min Scan# 925

Delta R.T. 0.00 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

Instrument :

BNA_F

ClientSampleId :

SB-20MS

Tgt Ion: 77 Resp: 253295

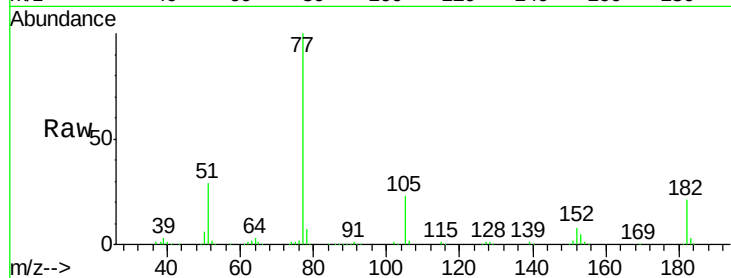
Ion Ratio Lower Upper

77 100

182 20.8 0.0 40.0

105 22.8 2.9 42.9

51 29.2 10.0 50.0

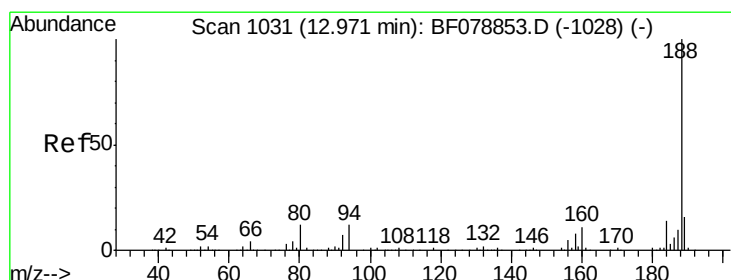
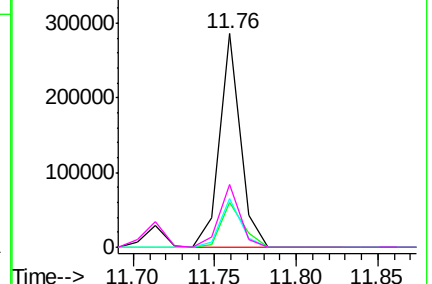
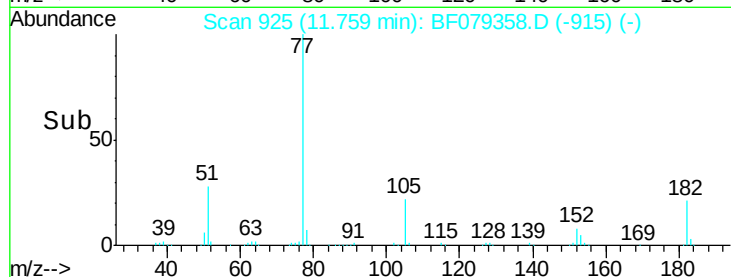


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 12.72 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

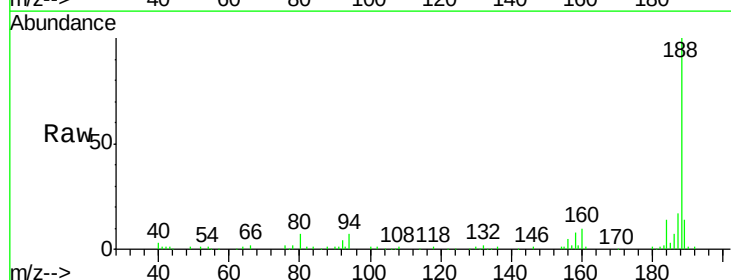
Tgt Ion: 188 Resp: 159878

Ion Ratio Lower Upper

188 100

94 6.8 9.4 14.0#

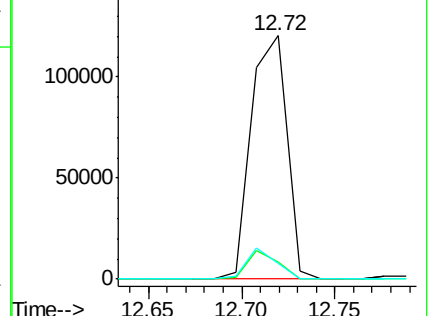
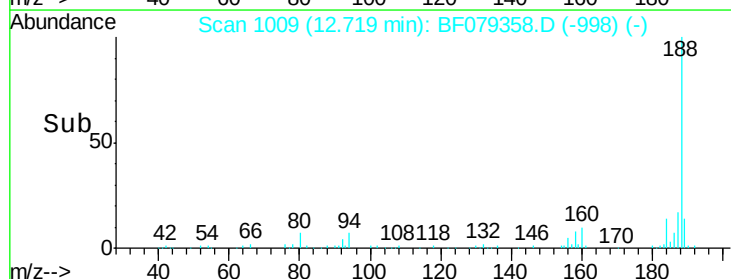
80 6.7 9.8 14.6#

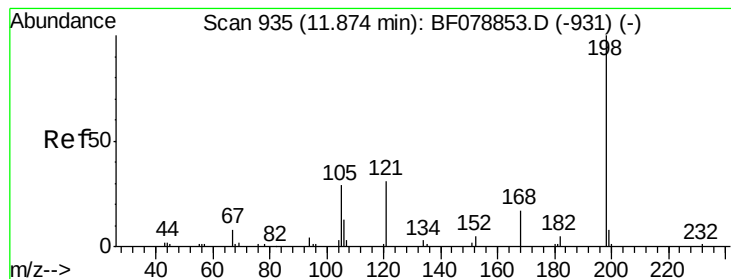


Abundance Ion 188.00 (187.70 to 188.70): E

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: 44.76 ng

RT: 11.63 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

Instrument :

BNA_F

ClientSampleId :

SB-20MS

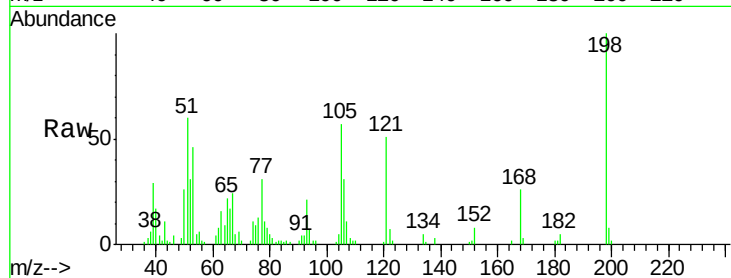
Tgt Ion:198 Resp: 29015

Ion Ratio Lower Upper

198 100

51 60.2 7.0 47.0#

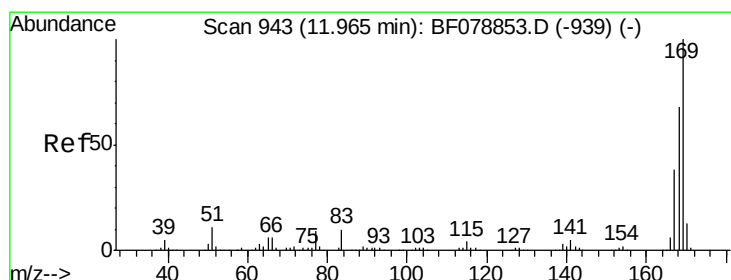
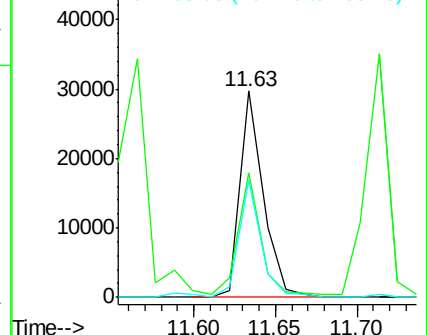
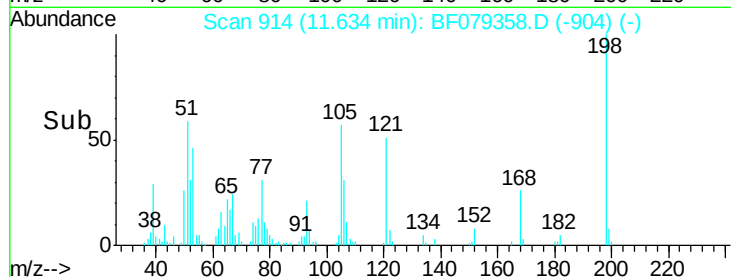
105 56.6 13.7 53.7#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 42.03 ng

RT: 11.71 min Scan# 921

Delta R.T. 0.00 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

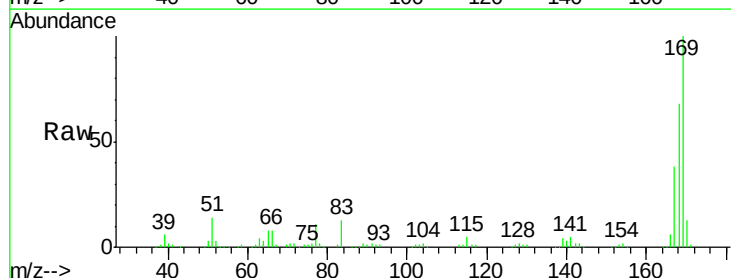
Tgt Ion:169 Resp: 223801

Ion Ratio Lower Upper

169 100

168 67.9 54.1 81.1

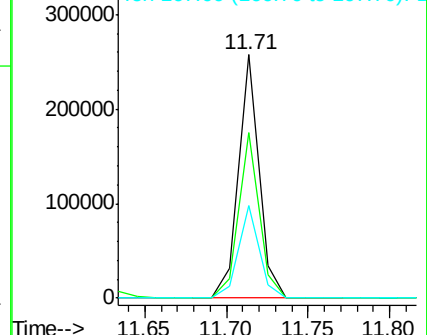
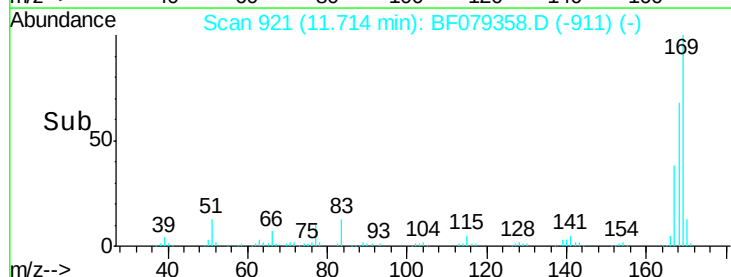
167 38.3 30.1 45.1

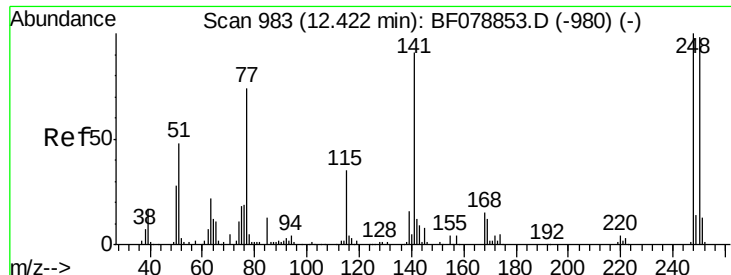


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

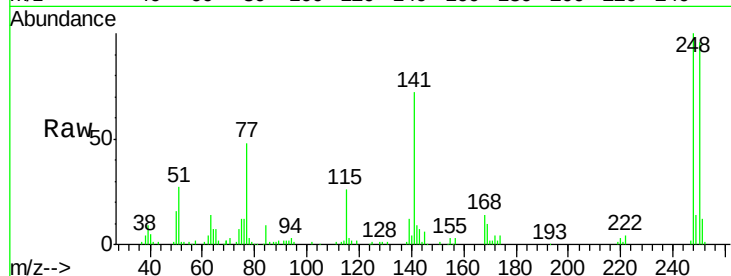




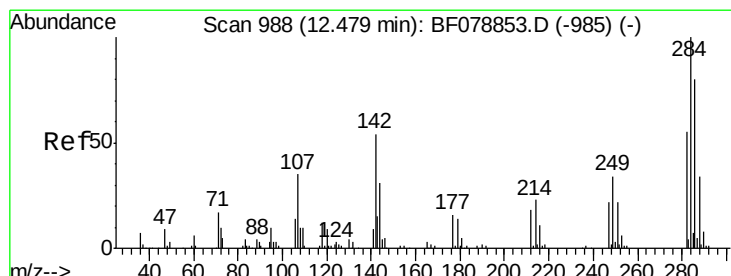
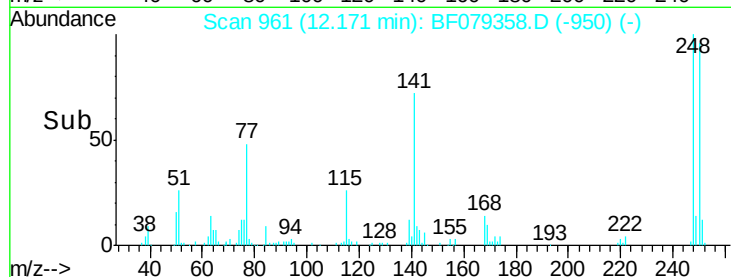
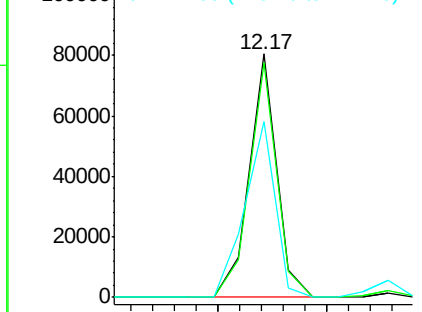
#66
 4-Bromophenyl-phenylether
 Concen: 42.34 ng
 RT: 12.17 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BF079358.D
 Acq: 20 May 2015 1:08

Instrument :
 BNA_F
 ClientSampled :
 SB-20MS

Tgt Ion:248 Resp: 70550
 Ion Ratio Lower Upper
 248 100
 250 96.2 78.0 117.0
 141 72.3 72.6 109.0#

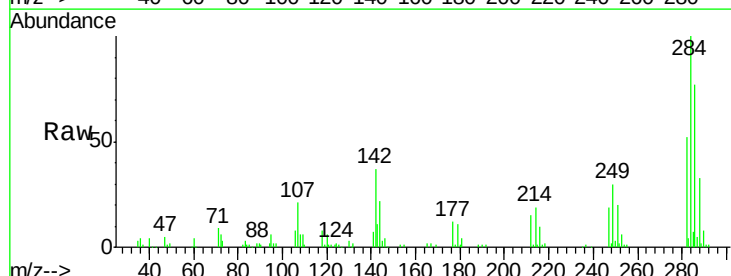


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

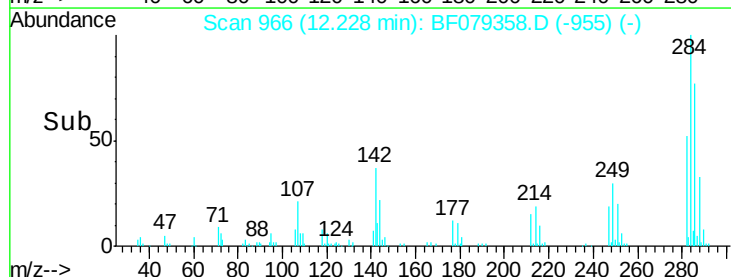
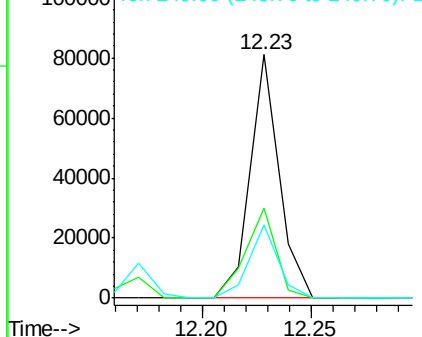


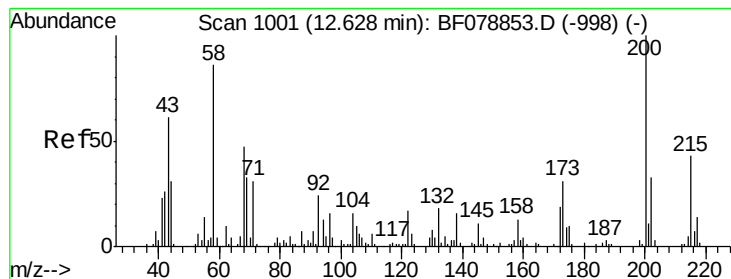
#67
 Hexachlorobenzene
 Concen: 39.38 ng
 RT: 12.23 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: BF079358.D
 Acq: 20 May 2015 1:08

Tgt Ion:284 Resp: 75012
 Ion Ratio Lower Upper
 284 100
 142 37.1 43.2 64.8#
 249 30.3 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: 44.05 ng

RT: 12.39 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

Instrument :

BNA_F

ClientSampled :

SB-20MS

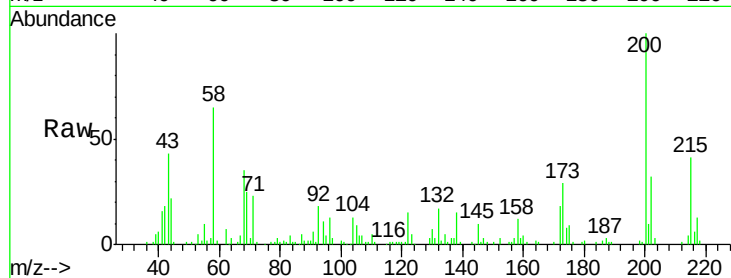
Tgt Ion:200 Resp: 68210

Ion Ratio Lower Upper

200 100

173 28.6 10.9 50.9

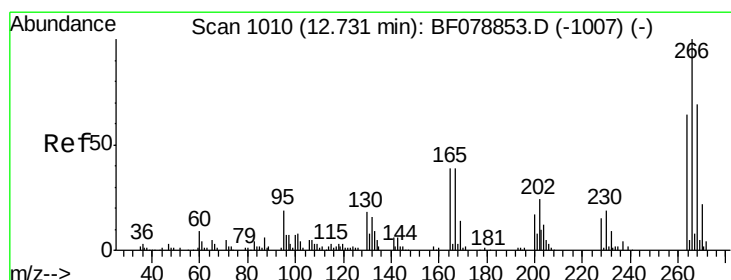
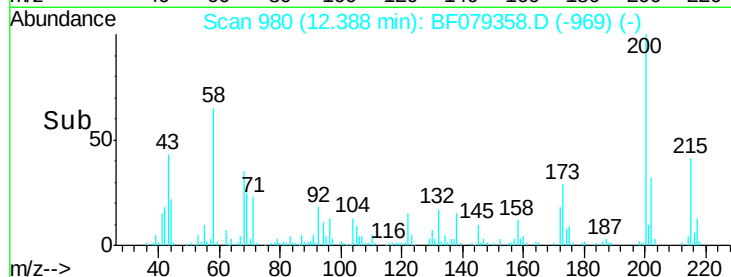
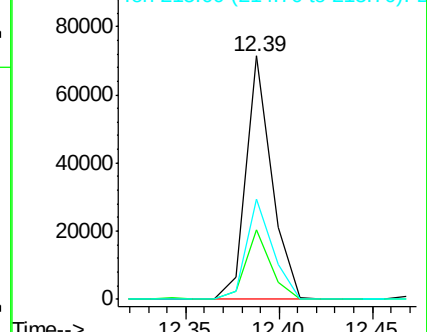
215 41.3 23.2 63.2



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: 66.01 ng

RT: 12.48 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

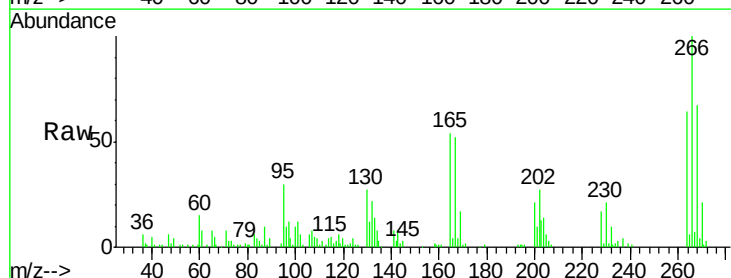
Tgt Ion:266 Resp: 72107

Ion Ratio Lower Upper

266 100

268 66.5 55.0 82.6

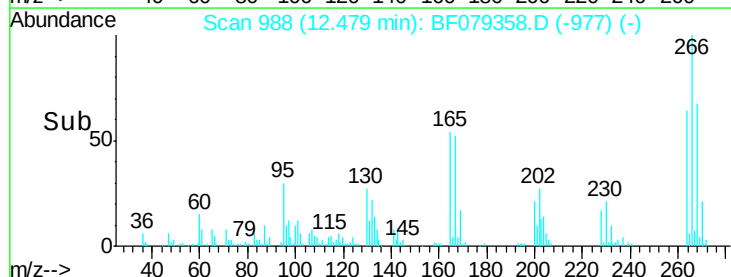
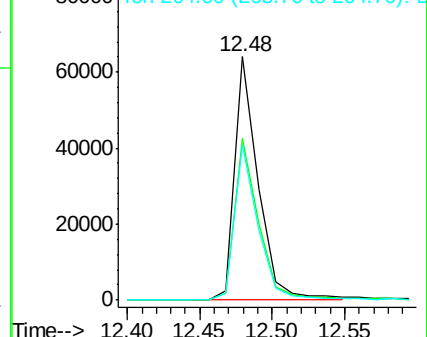
264 63.7 50.9 76.3

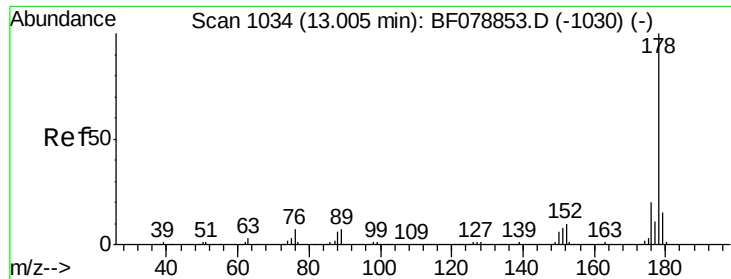


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

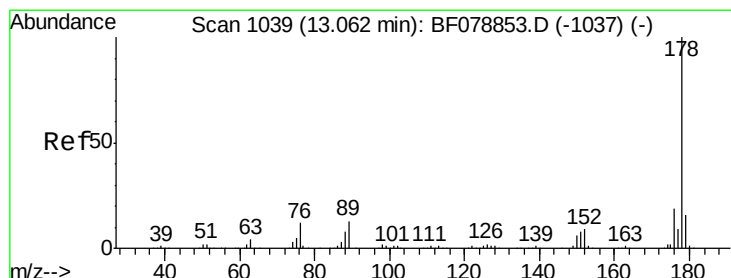
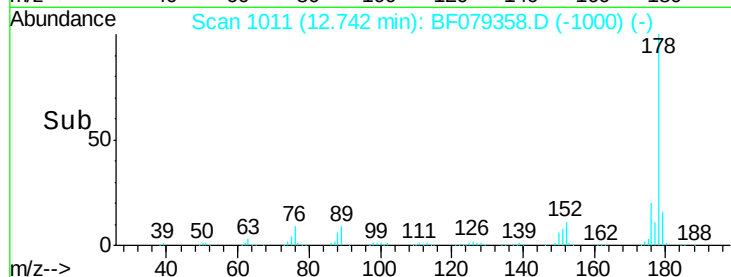
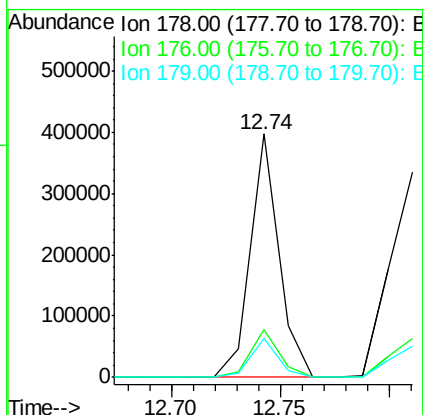
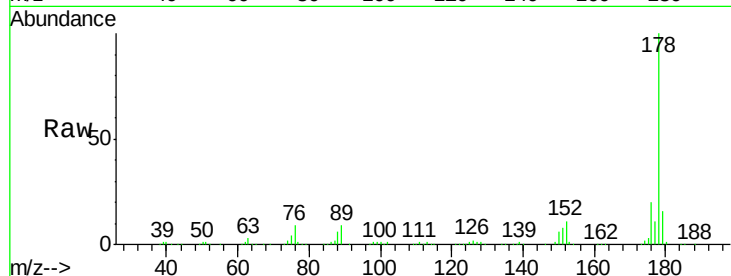




#70
Phenanthrene
Concen: 40.63 ng
RT: 12.74 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF079358.D
Acq: 20 May 2015 1:08

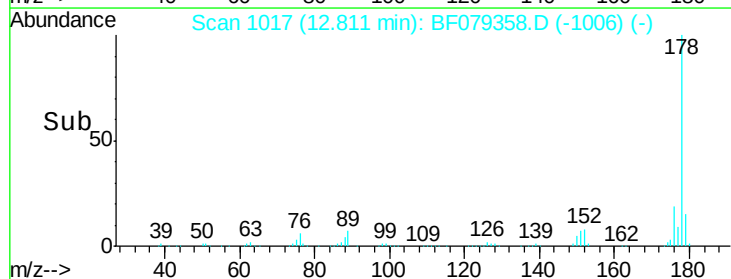
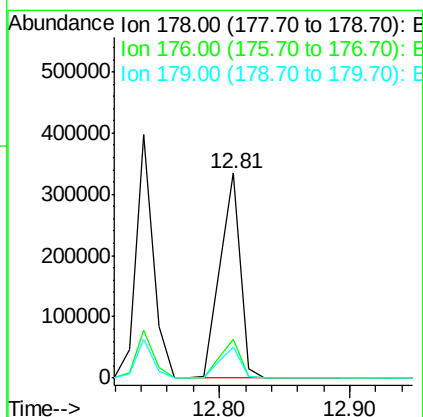
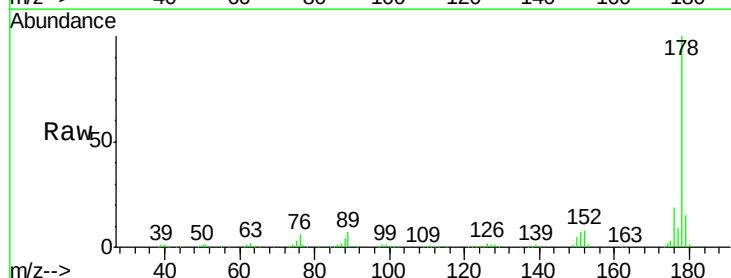
Instrument :
BNA_F
ClientSampleId :
SB-20MS

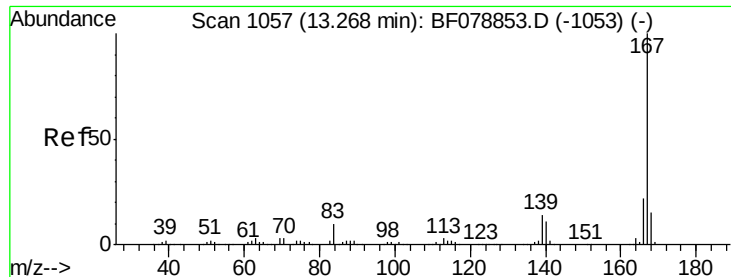
Tgt Ion:178 Resp: 363415
Ion Ratio Lower Upper
178 100
176 19.7 15.9 23.9
179 15.7 12.2 18.4



#71
Anthracene
Concen: 41.69 ng
RT: 12.81 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF079358.D
Acq: 20 May 2015 1:08

Tgt Ion:178 Resp: 365770
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.2 12.6 19.0





#72

Carbazole

Concen: 45.27 ng

RT: 13.02 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

Instrument :

BNA_F

ClientSampleId :

SB-20MS

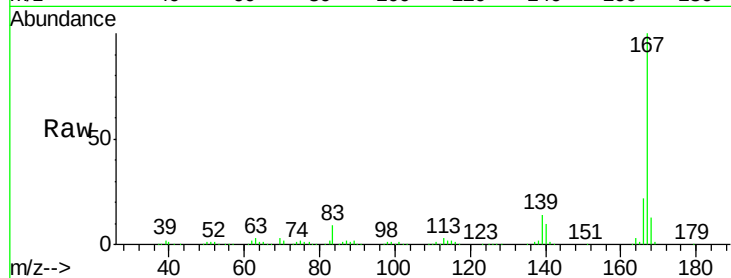
Tgt Ion:167 Resp: 378647

Ion Ratio Lower Upper

167 100

166 21.6 17.5 26.3

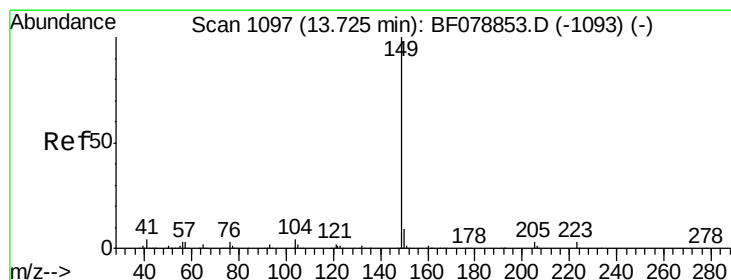
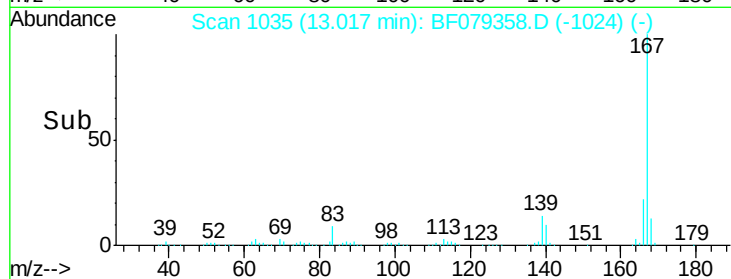
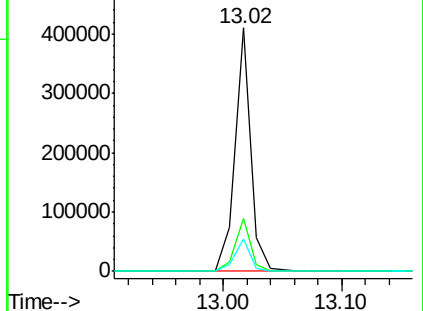
139 13.6 11.0 16.4



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: 44.56 ng

RT: 13.47 min Scan# 1075

Delta R.T. 0.00 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

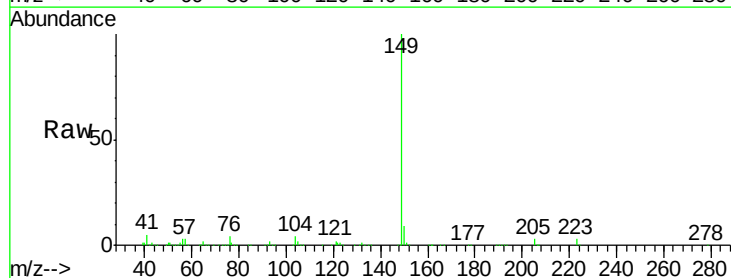
Tgt Ion:149 Resp: 446895

Ion Ratio Lower Upper

149 100

150 9.0 7.0 10.4

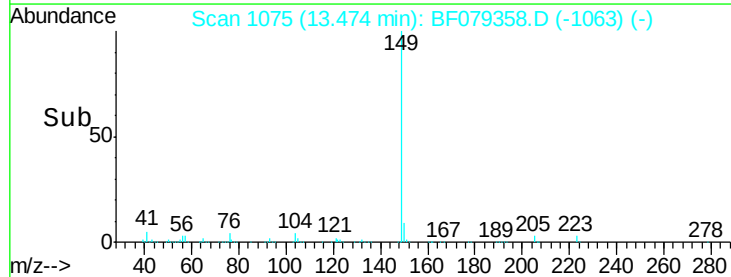
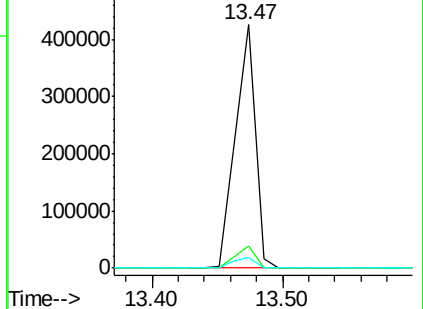
104 4.2 3.3 4.9

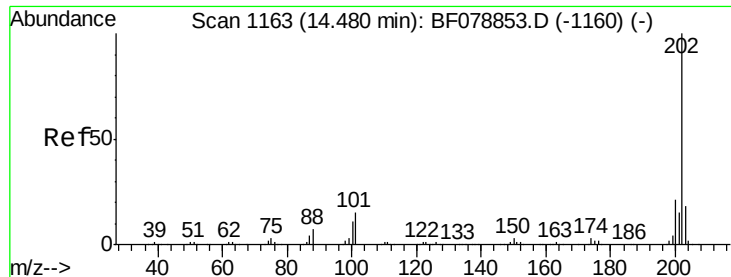


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

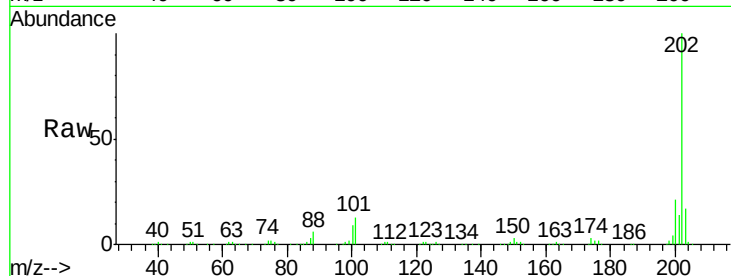




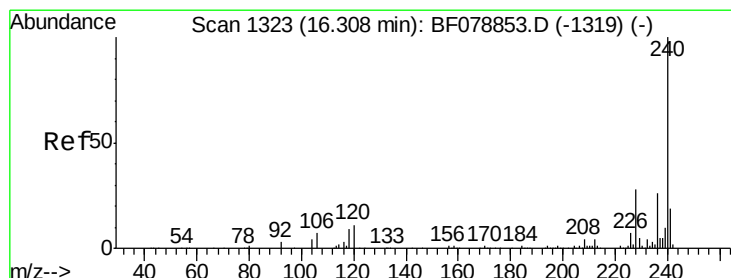
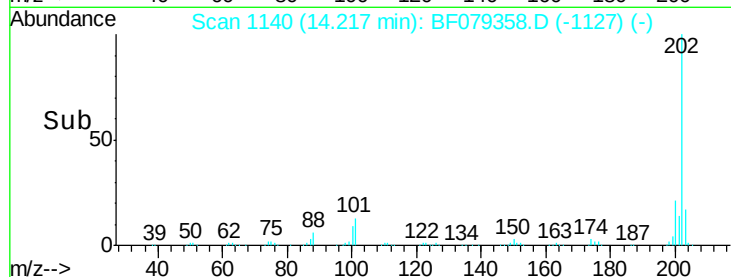
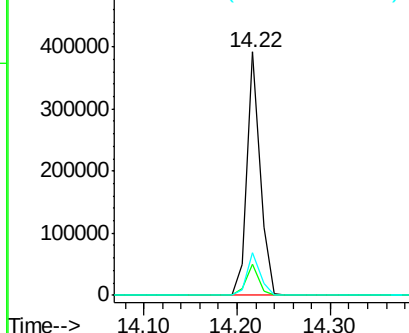
#74
 Fluoranthene
 Concen: 41.27 ng
 RT: 14.22 min Scan# 1140
 Delta R.T. 0.00 min
 Lab File: BF079358.D
 Acq: 20 May 2015 1:08

Instrument :
 BNA_F
 ClientSampled :
 SB-20MS

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	34.7
203	17.4	0.0	37.9

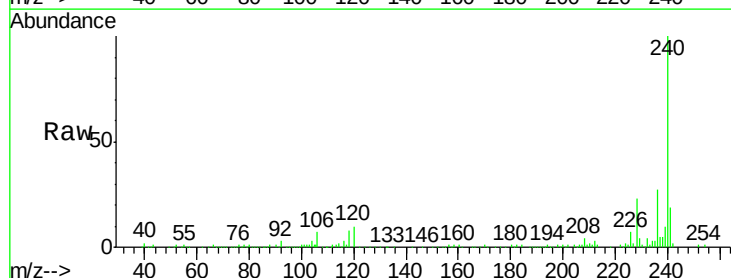


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

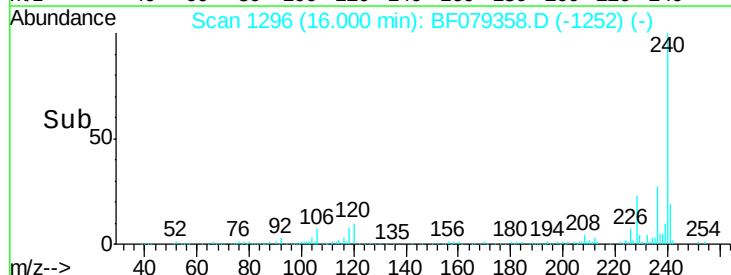
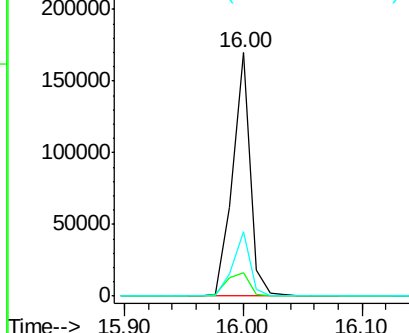


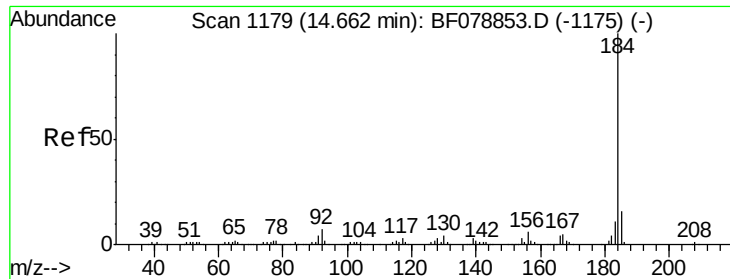
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.00 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BF079358.D
 Acq: 20 May 2015 1:08

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.6	12.8
236	26.6	21.0	31.6



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 12.38 ng

RT: 14.40 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

Instrument :

BNA_F

ClientSampleId :

SB-20MS

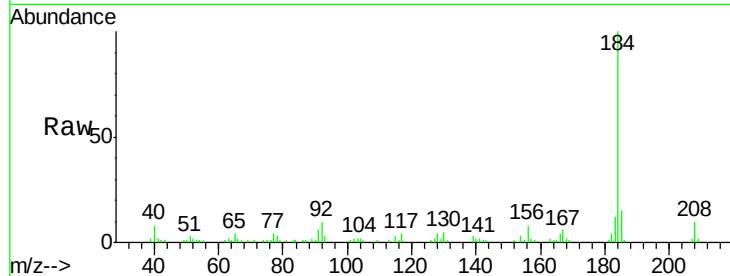
Tgt Ion:184 Resp: 58316

Ion Ratio Lower Upper

184 100

185 15.1 12.8 19.2

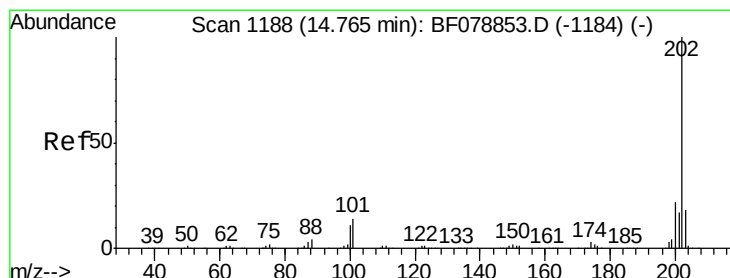
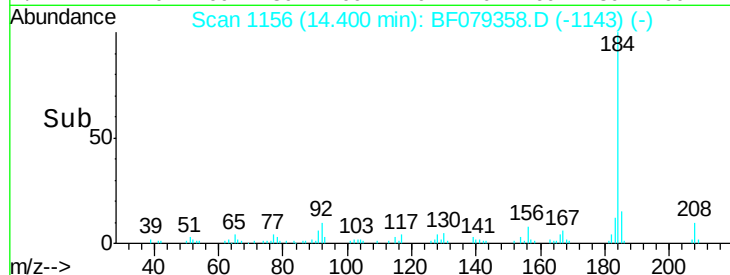
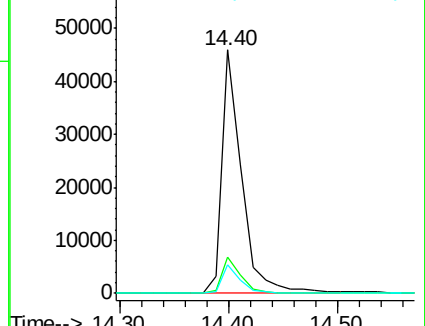
183 11.8 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 38.20 ng

RT: 14.22 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

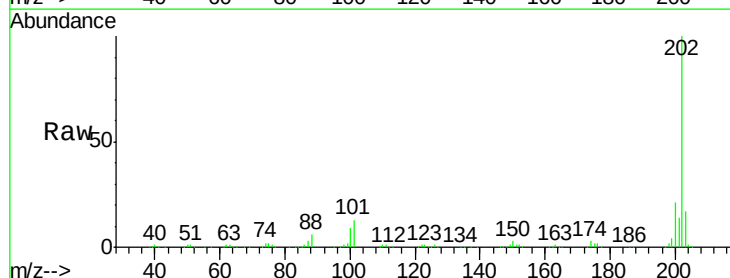
Tgt Ion:202 Resp: 384613

Ion Ratio Lower Upper

202 100

200 21.4 17.5 26.3

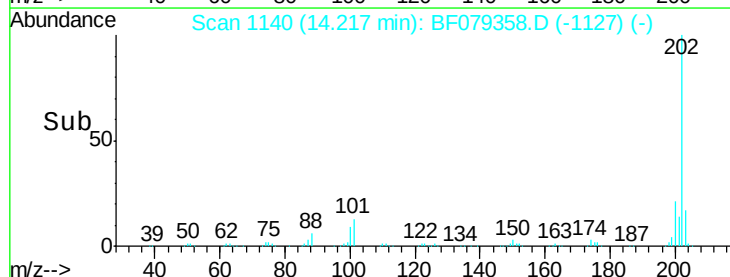
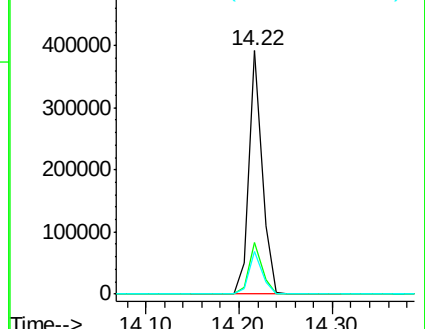
203 17.4 14.7 22.1

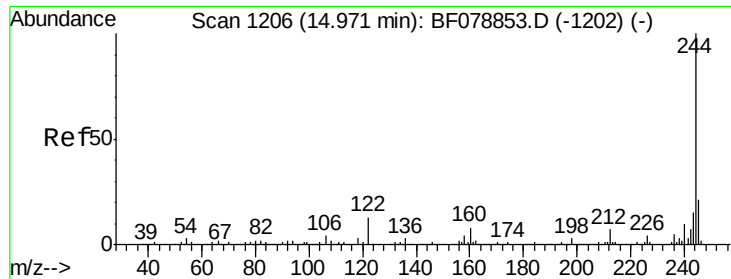


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 70.20 ng

RT: 14.71 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

Instrument :

BNA_F

ClientSampleId :

SB-20MS

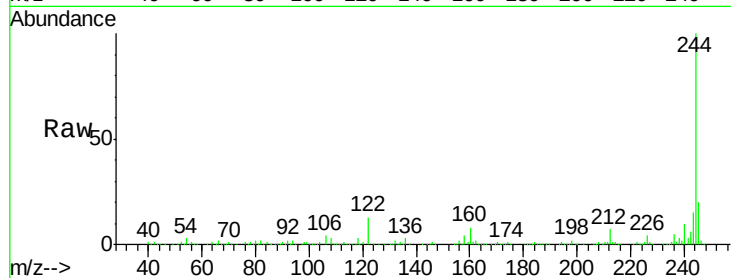
Tgt Ion:244 Resp: 512302

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

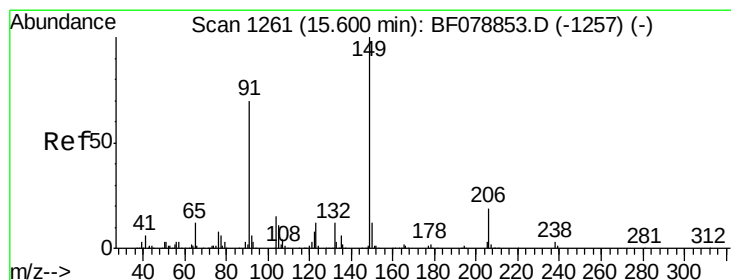
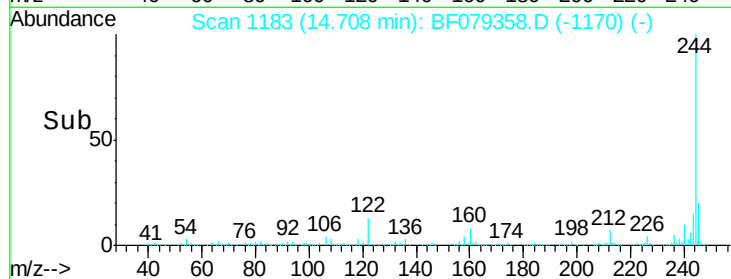
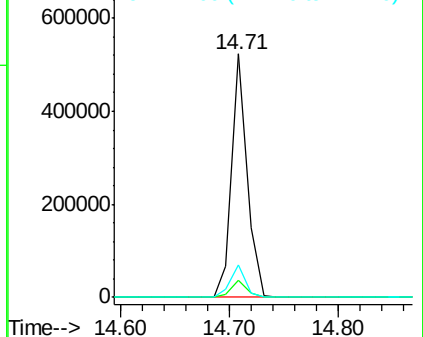
122 13.3 10.5 15.7



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: 44.47 ng

RT: 15.33 min Scan# 1237

Delta R.T. 0.00 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

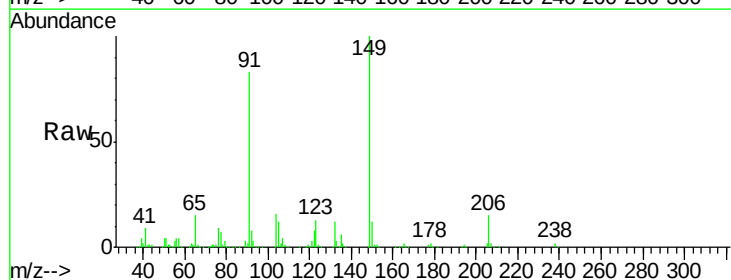
Tgt Ion:149 Resp: 195716

Ion Ratio Lower Upper

149 100

91 83.1 56.2 84.2

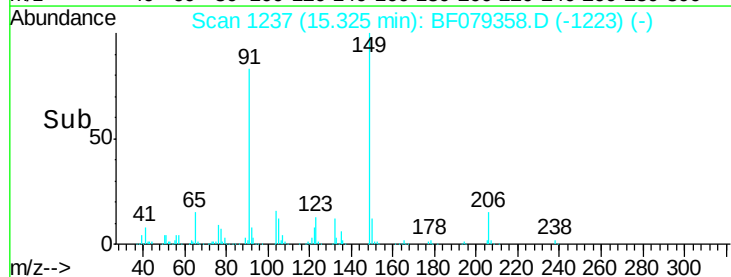
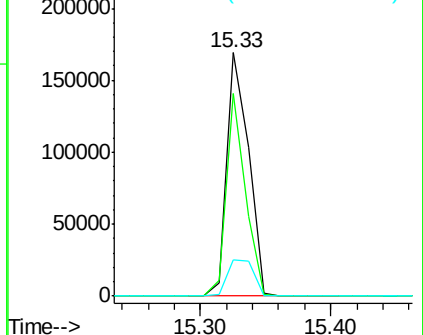
206 15.1 15.2 22.8#

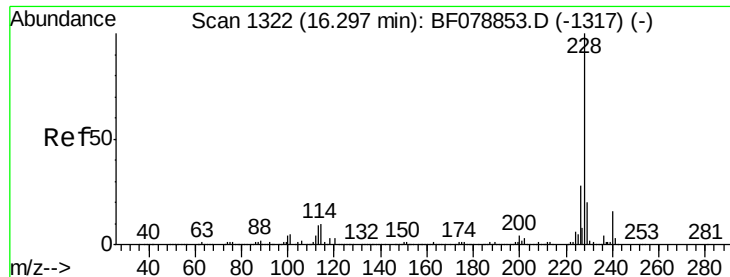


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 39.28 ng

RT: 15.99 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

Instrument :

BNA_F

ClientSampleId :

SB-20MS

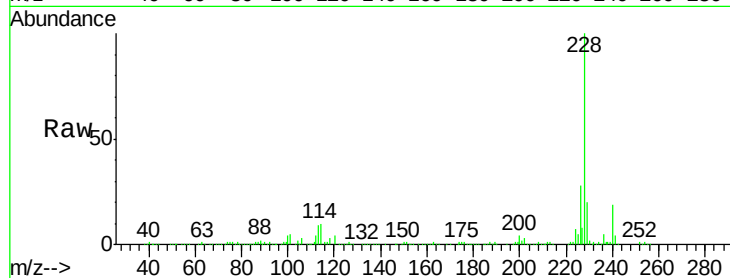
Tgt Ion:228 Resp: 375804

Ion Ratio Lower Upper

228 100

226 27.9 22.3 33.5

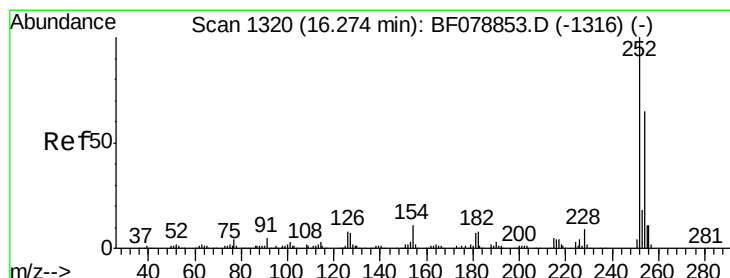
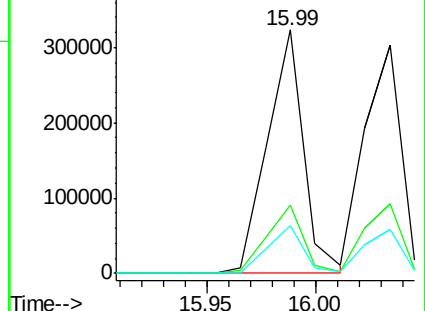
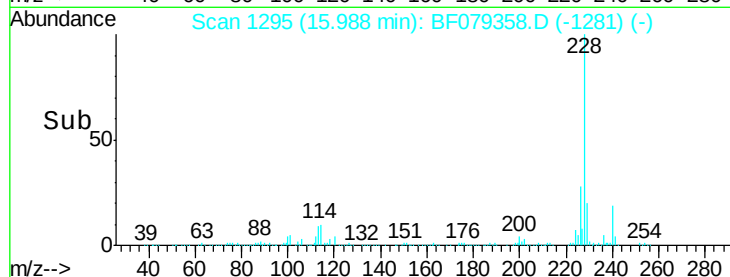
229 19.6 16.1 24.1



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



#81

3,3'-Dichlorobenzidine

Concen: 34.52 ng

RT: 15.97 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

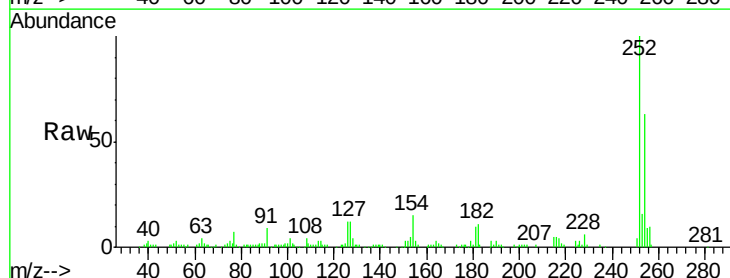
Tgt Ion:252 Resp: 117667

Ion Ratio Lower Upper

252 100

254 63.4 52.2 78.2

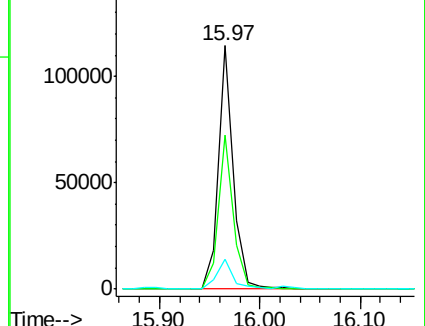
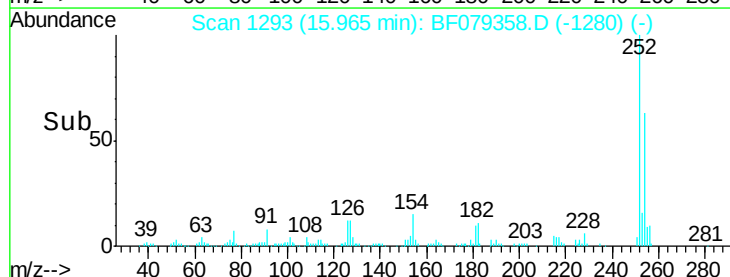
126 12.3 6.6 9.8#

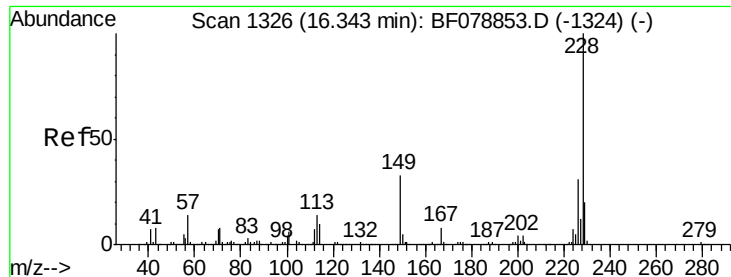


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 38.84 ng

RT: 16.03 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

Instrument :

BNA_F

ClientSampleId :

SB-20MS

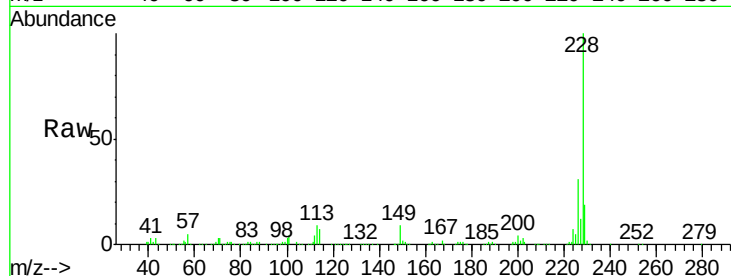
Tgt Ion: 228 Resp: 357463

Ion Ratio Lower Upper

228 100

226 30.7 24.8 37.2

229 19.5 16.1 24.1

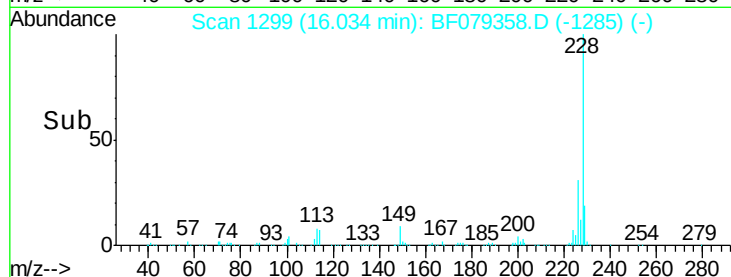


Abundance Ion 228.00 (227.70 to 228.70): E

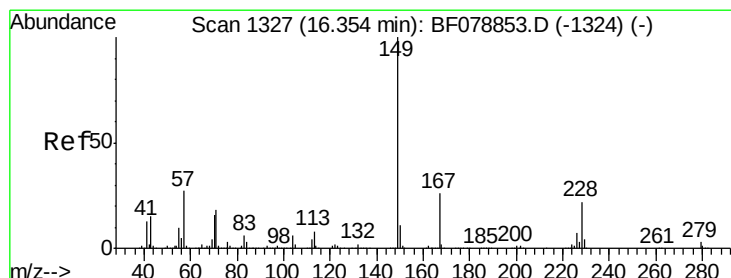
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

16.03



Time-->



#83

Bis(2-ethylhexyl)phthalate

Concen: 48.00 ng

RT: 16.05 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

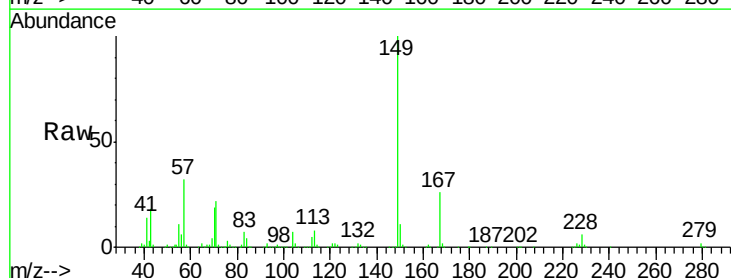
Tgt Ion: 149 Resp: 320014

Ion Ratio Lower Upper

149 100

167 25.7 21.2 31.8

279 2.2 2.6 4.0#

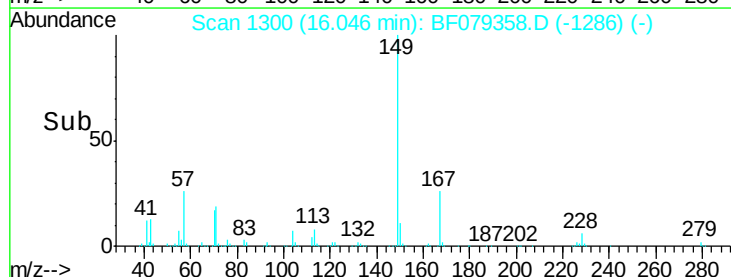


Abundance Ion 149.00 (148.70 to 149.70): E

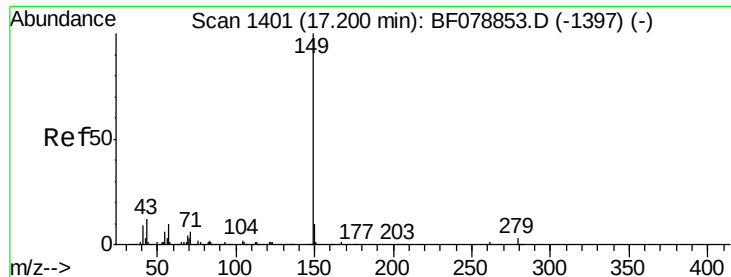
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

16.05



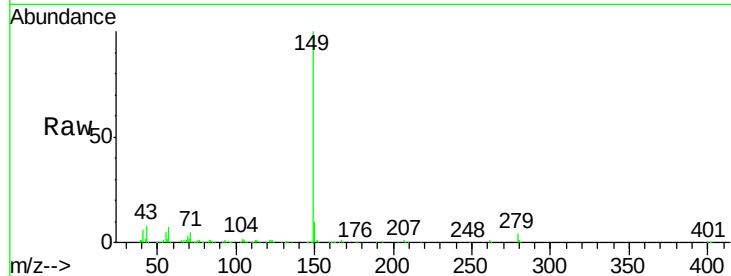
Time-->



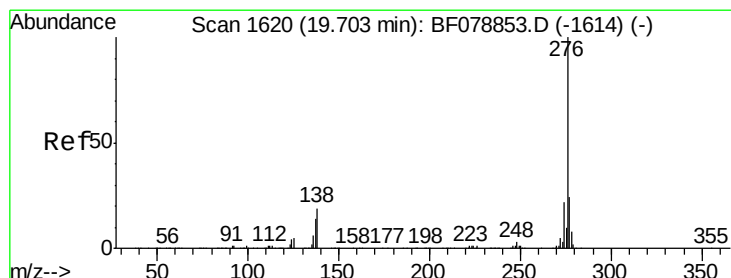
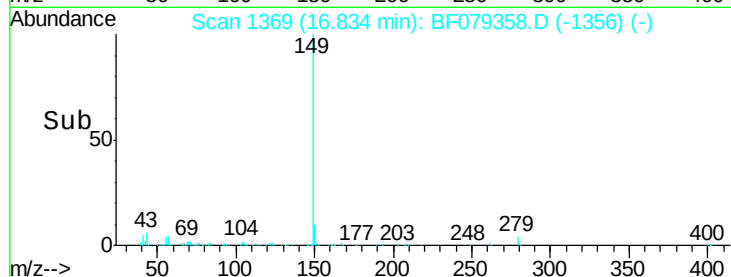
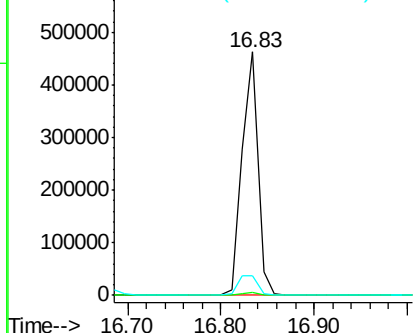
#84
Di-n-octyl phthalate
Concen: 46.92 ng
RT: 16.83 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BF079358.D
Acq: 20 May 2015 1:08

Instrument :
BNA_F
ClientSampleId :
SB-20MS

Tgt Ion:149 Resp: 550918
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.7 9.0 13.6

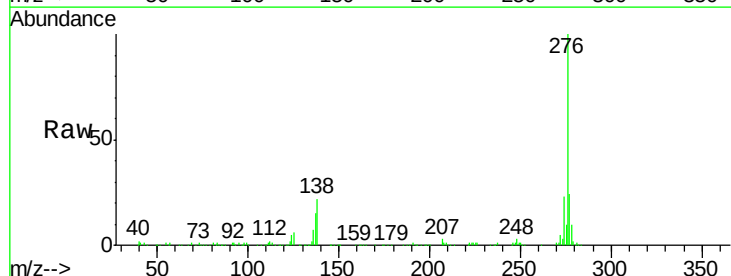


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

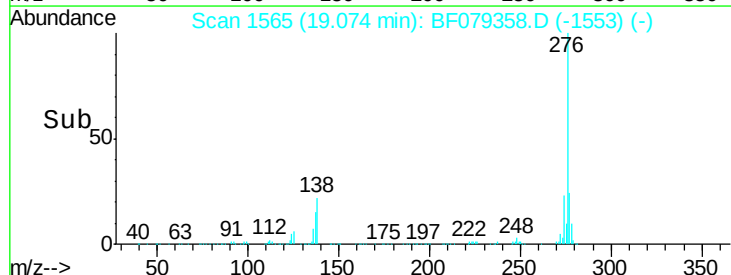
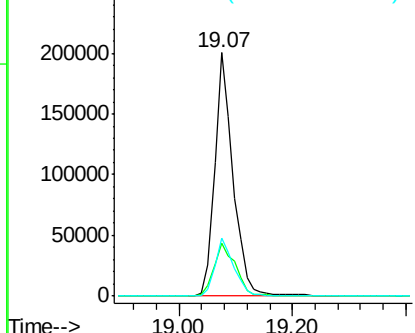


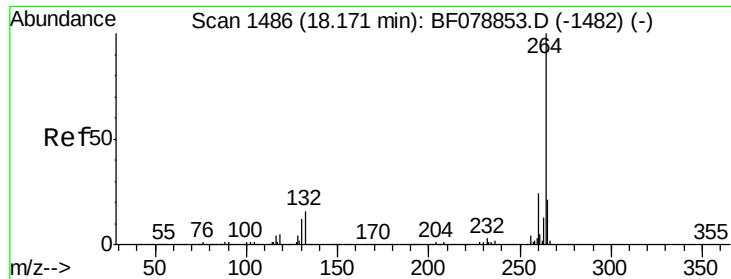
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.22 ng
RT: 19.07 min Scan# 1565
Delta R.T. -0.07 min
Lab File: BF079358.D
Acq: 20 May 2015 1:08

Tgt Ion:276 Resp: 448203
Ion Ratio Lower Upper
276 100
138 26.1 21.1 31.7
277 24.7 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

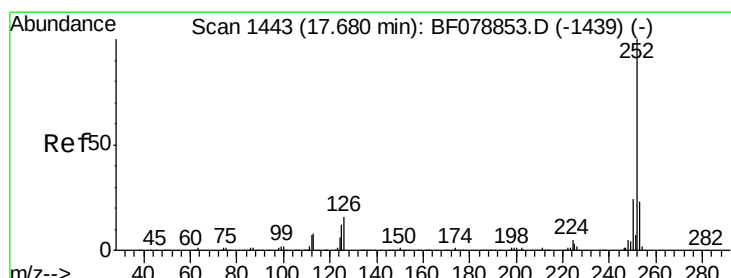
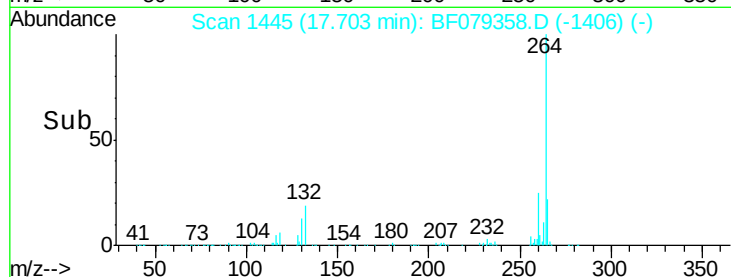
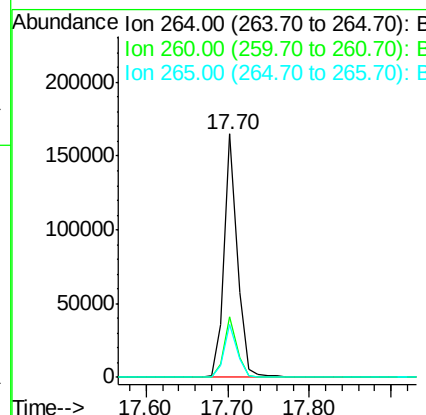
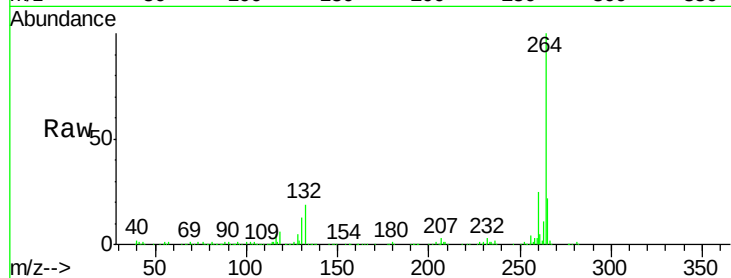




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.70 min Scan# 1445
Delta R.T. -0.06 min
Lab File: BF079358.D
Acq: 20 May 2015 1:08

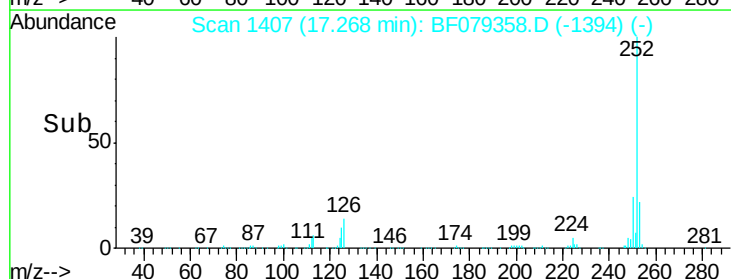
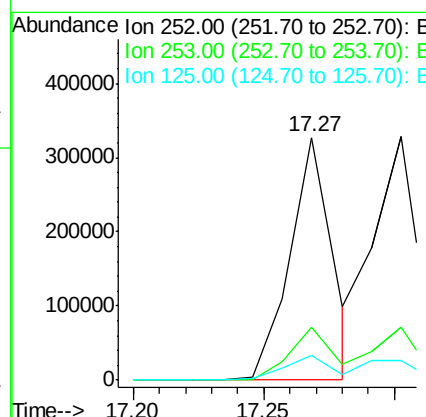
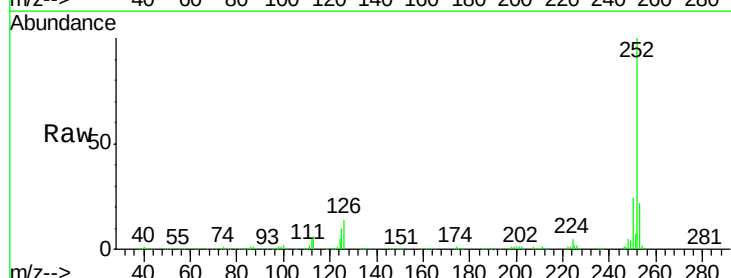
Instrument :
BNA_F
ClientSampleId :
SB-20MS

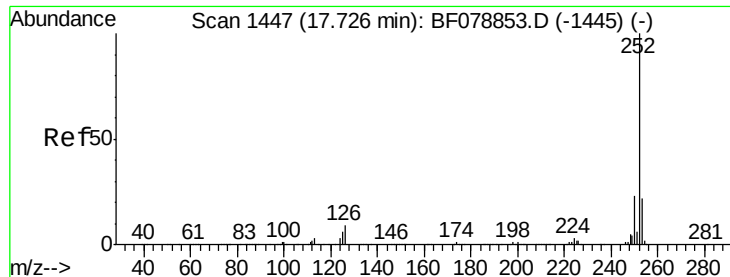
Tgt Ion: 264 Resp: 185570
Ion Ratio Lower Upper
264 100
260 24.7 19.2 28.8
265 21.9 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 36.47 ng
RT: 17.27 min Scan# 1407
Delta R.T. -0.03 min
Lab File: BF079358.D
Acq: 20 May 2015 1:08

Tgt Ion: 252 Resp: 370471
Ion Ratio Lower Upper
252 100
253 21.8 18.1 27.1
125 9.9 9.4 14.2

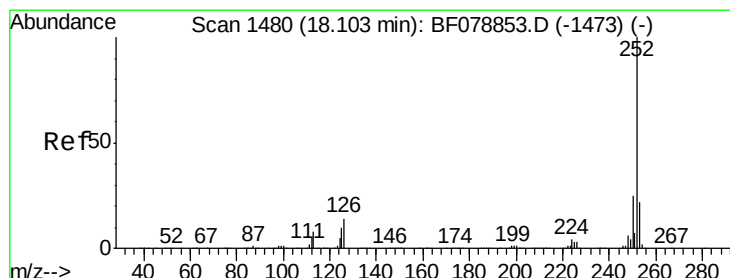
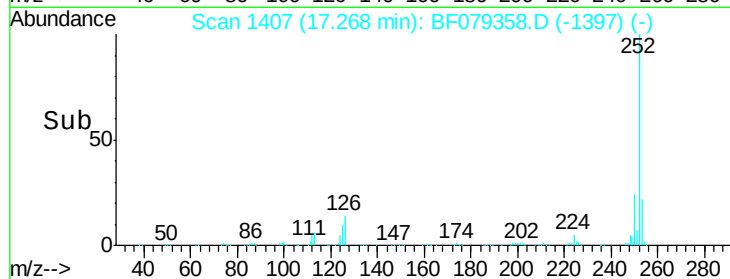
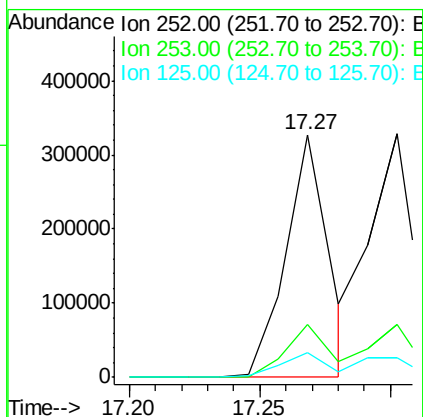
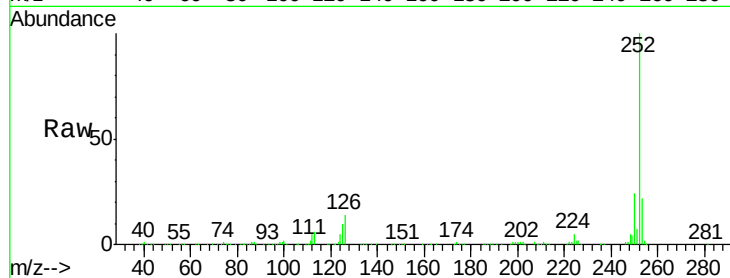




#88
Benzo(k)fluoranthene
Concen: 37.68 ng
RT: 17.27 min Scan# 1407
Delta R.T. -0.07 min
Lab File: BF079358.D
Acq: 20 May 2015 1:08

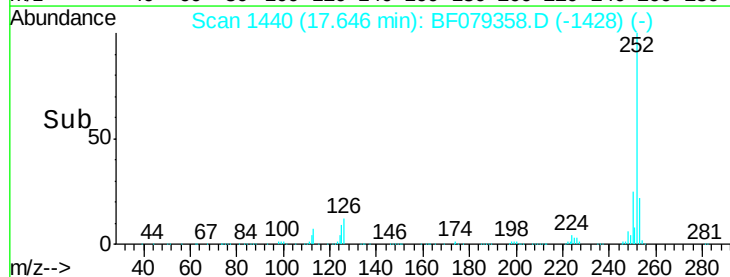
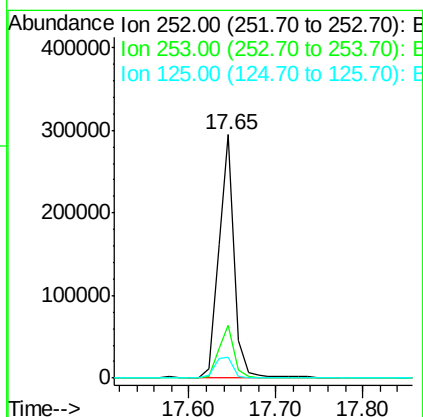
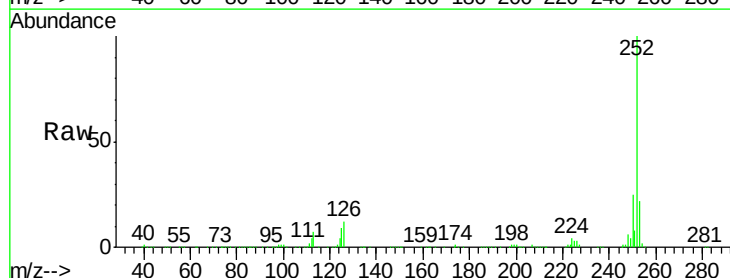
Instrument :
BNA_F
ClientSampleId :
SB-20MS

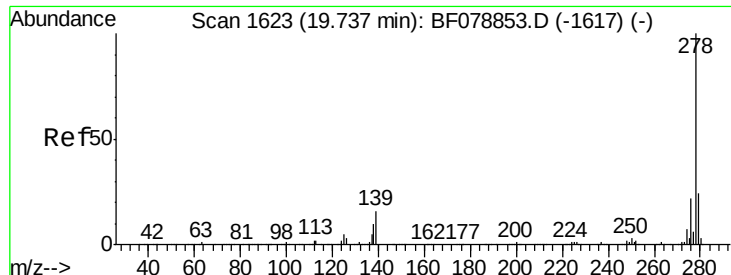
Tgt Ion: 252 Resp: 370471
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 9.9 6.1 9.1#



#89
Benzo(a)pyrene
Concen: 38.75 ng
RT: 17.65 min Scan# 1440
Delta R.T. -0.05 min
Lab File: BF079358.D
Acq: 20 May 2015 1:08

Tgt Ion: 252 Resp: 362377
Ion Ratio Lower Upper
252 100
253 21.6 18.0 27.0
125 8.8 8.2 12.2





#90

Dibenzo(a,h)anthracene

Concen: 38.64 ng

RT: 19.10 min Scan# 1567

Delta R.T. -0.07 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

Instrument :

BNA_F

ClientSampled :

SB-20MS

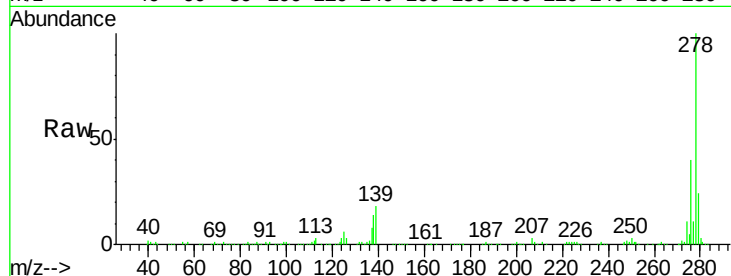
Tgt Ion: 278 Resp: 384058

Ion Ratio Lower Upper

278 100

139 17.7 13.1 19.7

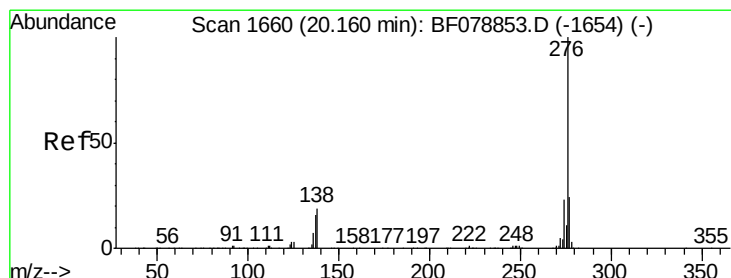
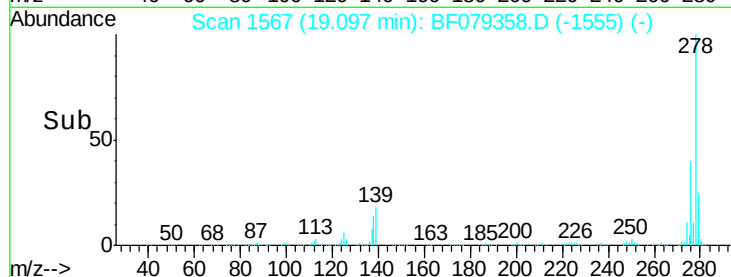
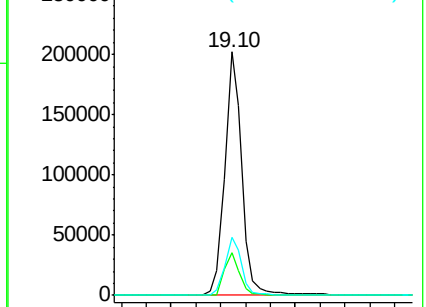
279 23.8 19.1 28.7



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: 36.43 ng

RT: 19.49 min Scan# 1601

Delta R.T. -0.06 min

Lab File: BF079358.D

Acq: 20 May 2015 1:08

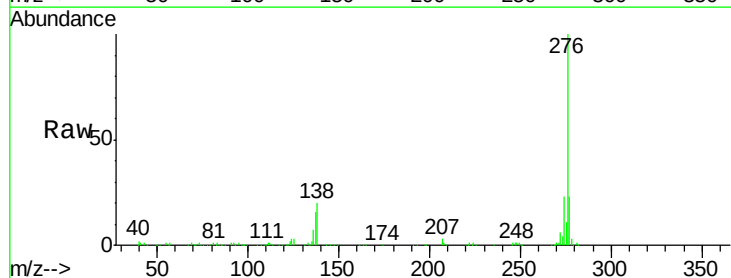
Tgt Ion: 276 Resp: 362940

Ion Ratio Lower Upper

276 100

277 23.0 18.8 28.2

138 19.6 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

