

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052915\
 Data File : BF079571.D
 Acq On : 29 May 2015 20:35
 Operator : TP/IZ
 Sample : G2419-05MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-05MS

Quant Time: May 29 23:39:03 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 23:13:06 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	104057	20.00	ng	0.00
21) Naphthalene-d8	8.52	136	431113	20.00	ng	-0.01
38) Acenaphthene-d10	10.70	164	215539	20.00	ng	0.00
63) Phenanthrene-d10	12.53	188	378823	20.00	ng	0.00
75) Chrysene-d12	15.86	240	354540	20.00	ng	-0.01
86) Perylene-d12	17.77	264	365522	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	257769	42.97	ng	0.00
7) Phenol-d6	6.55	99	209874	27.45	ng	0.00
23) Nitrobenzene-d5	7.66	82	450087	60.35	ng	0.00
41) 2,4,6-Tribromophenol	11.68	330	216466	91.44	ng	0.00
44) 2-Fluorobiphenyl	9.88	172	884775	58.56	ng	0.00
78) Terphenyl-d14	14.53	244	810093	53.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.78	88	36413	12.76	ng	# 100
3) Pyridine	2.46	79	49995	7.96	ng	# 89
4) n-Nitrosodimethylamine	2.36	42	33279	10.75	ng	# 92
6) Aniline	6.55	93	126064	11.62	ng	99
8) 2-Chlorophenol	6.68	128	169998	24.34	ng	96
9) Benzaldehyde	6.40	77	23836	3.57	ng	98
10) Phenol	6.57	94	81231	9.02	ng	98
11) bis(2-Chloroethyl)ether	6.65	93	211875	32.53	ng	97
12) 1,3-Dichlorobenzene	6.87	146	205418	26.55	ng	99
13) 1,4-Dichlorobenzene	6.97	146	212608	26.94	ng	99
14) 1,2-Dichlorobenzene	7.15	146	200604	27.37	ng	97
15) Benzyl Alcohol	7.15	79	113765	20.24	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.32	45	289496	30.37	ng	91
17) 2-Methylphenol	7.31	107	115812	21.11	ng	96
18) Hexachloroethane	7.56	117	69044	25.42	ng	99
19) n-Nitroso-di-n-propylamine	7.48	70	164034	30.49	ng	# 93
20) 3+4-Methylphenols	7.51	107	138046	18.31	ng	90
22) Acetophenone	7.47	105	312369	32.34	ng	# 91
24) Nitrobenzene	7.68	77	228311	31.06	ng	# 86
25) Isophorone	7.98	82	400471	29.46	ng	94
26) 2-Nitrophenol	8.07	139	106355	30.56	ng	# 88
27) 2,4-Dimethylphenol	8.16	122	167725	26.81	ng	95
28) bis(2-Chloroethoxy)methane	8.26	93	256854	30.49	ng	98
29) 2,4-Dichlorophenol	8.38	162	168931	29.48	ng	95
30) 1,2,4-Trichlorobenzene	8.47	180	178316	30.00	ng	94
31) Naphthalene	8.56	128	608823	29.43	ng	99
32) Benzoic acid	8.27	122	36575	9.42	ng	97
33) 4-Chloroaniline	8.65	127	122231	14.14	ng	# 94
34) Hexachlorobutadiene	8.71	225	93779	27.74	ng	98
35) Caprolactam	9.10	113	8314	4.60	ng	97
36) 4-Chloro-3-methylphenol	9.27	107	159422	26.82	ng	# 83
37) 2-Methylnaphthalene	9.42	142	444650	30.96	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.62	216	176884	29.34	ng	# 100
40) Hexachlorocyclopentadiene	9.61	237	92711	58.72	ng	93

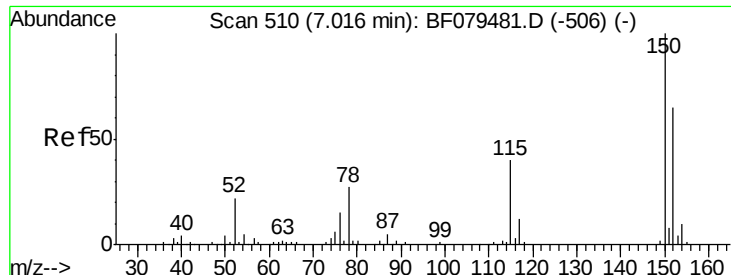
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052915\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.78	196	117388	27.88	ng	97
43) 2,4,5-Trichlorophenol	9.83	196	123658	29.51	ng	# 87
45) 1,1'-Biphenyl	10.00	154	529370	31.45	ng	98
46) 2-Chloronaphthalene	10.01	162	386407	29.06	ng	97
47) 2-Nitroaniline	10.16	65	113726	28.77	ng	# 62
48) Acenaphthylene	10.52	152	637794	28.90	ng	99
49) Dimethylphthalate	10.40	163	483121	30.42	ng	99
50) 2,6-Dinitrotoluene	10.47	165	96158	30.31	ng	# 66
51) Acenaphthene	10.73	154	363245	28.78	ng	99
52) 3-Nitroaniline	10.67	138	58850	14.26	ng	# 77
53) 2,4-Dinitrophenol	10.81	184	73213	62.43	ng	# 82
54) Dibenzofuran	10.95	168	552930	29.71	ng	98
55) 4-Nitrophenol	10.95	139	257690	112.60	ng	# 15
56) 2,4-Dinitrotoluene	10.97	165	131974	31.01	ng	# 76
57) Fluorene	11.37	166	447227	29.15	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.12	232	92677	30.39	ng	# 100
59) Diethylphthalate	11.27	149	449732	28.93	ng	97
60) 4-Chlorophenyl-phenylether	11.38	204	204296	30.82	ng	94
61) 4-Nitroaniline	11.43	138	81615	21.23	ng	84
62) Azobenzene	11.58	77	470314	31.10	ng	97
64) 4,6-Dinitro-2-methylphenol	11.47	198	53417	30.82	ng	78
65) n-Nitrosodiphenylamine	11.54	169	391633	31.13	ng	99
66) 4-Bromophenyl-phenylether	11.99	248	126215	32.36	ng	95
67) Hexachlorobenzene	12.05	284	142011	31.93	ng	96
68) Atrazine	12.23	200	113087	33.27	ng	98
69) Pentachlorophenol	12.31	266	115966	68.06	ng	99
70) Phenanthrene	12.56	178	629275	30.28	ng	99
71) Anthracene	12.62	178	628231	29.77	ng	99
72) Carbazole	12.83	167	586463	28.87	ng	99
73) Di-n-butylphthalate	13.29	149	703821	30.33	ng	99
74) Fluoranthene	14.03	202	652585	29.28	ng	98
77) Pyrene	14.31	202	671297	30.56	ng	99
79) Butylbenzylphthalate	15.17	149	295336	29.90	ng	95
80) Benzo(a)anthracene	15.85	228	596865	29.26	ng	99
81) 3,3'-Dichlorobenzidine	15.84	252	27686	3.71	ng	# 96
82) Chrysene	15.90	228	577431	29.79	ng	99
83) Bis(2-ethylhexyl)phthalate	15.93	149	422102	29.83	ng	99
84) Di-n-octyl phthalate	16.81	149	717248	29.12	ng	100
85) Indeno(1,2,3-cd)pyrene	19.17	276	732620	29.38	ng	99
87) Benzo(b)fluoranthene	17.27	252	629999	30.22	ng	98
88) Benzo(k)fluoranthene	17.31	252	571708	30.67	ng	99
89) Benzo(a)pyrene	17.70	252	598354	32.18	ng	98
90) Dibenzo(a,h)anthracene	19.19	278	600413	30.92	ng	99
91) Benzo(g,h,i)perylene	19.54	276	609685	31.91	ng	97

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

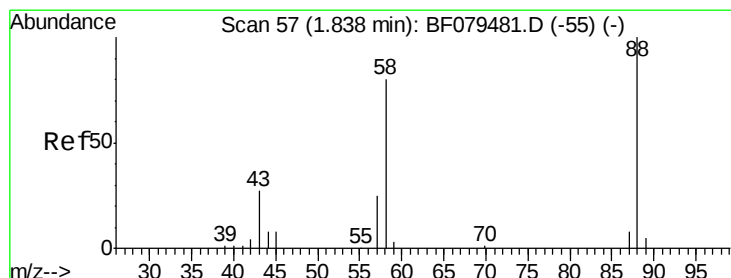
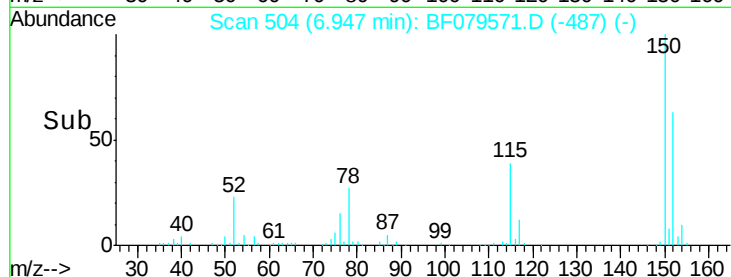
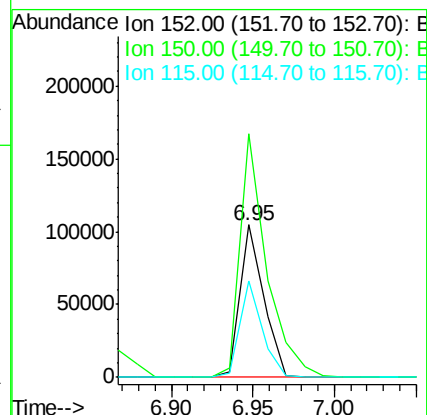
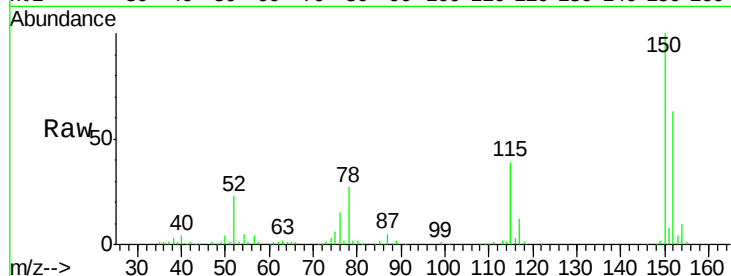


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 504
Delta R.T. -0.00 min
Lab File: BF079571.D
Acq: 29 May 2015 20:35

Instrument :
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ClientSampleId :
MW-05MS

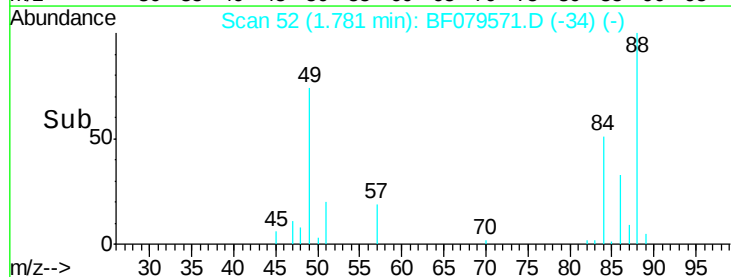
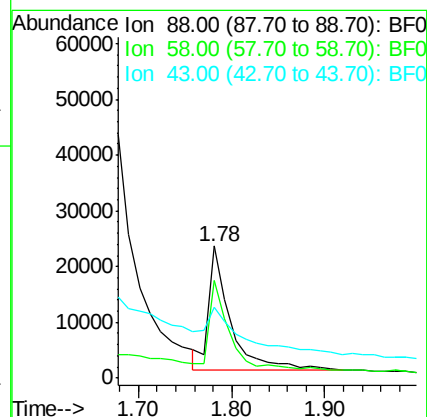
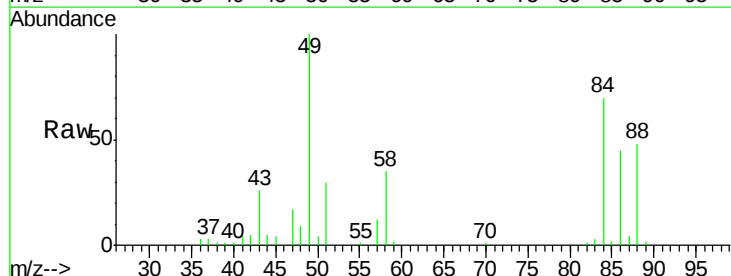
Tgt Ion:152 Resp: 104057
Ion Ratio Lower Upper
152 100
150 159.6 124.0 186.0
115 63.0 49.6 74.4



#2

1,4-Dioxane
Concen: 12.76 ng
RT: 1.78 min Scan# 52
Delta R.T. 0.01 min
Lab File: BF079571.D
Acq: 29 May 2015 20:35

Tgt Ion: 88 Resp: 36413
Ion Ratio Lower Upper
88 100
58 68.8 0.0 0.0#
43 66.6 0.0 0.0#





#3

Pyridine

Concen: 7.96 ng

RT: 2.46 min Scan# 111

Delta R.T. 0.06 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

Instrument :

BNA_F

ClientSampleId :

MW-05MS

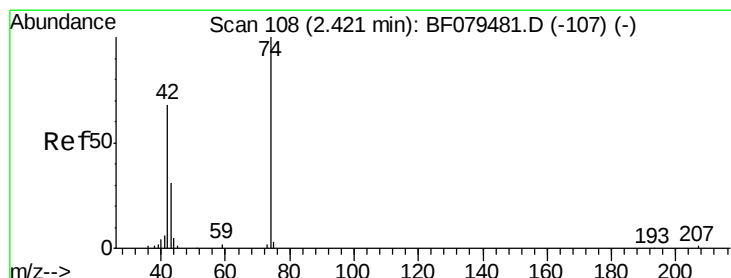
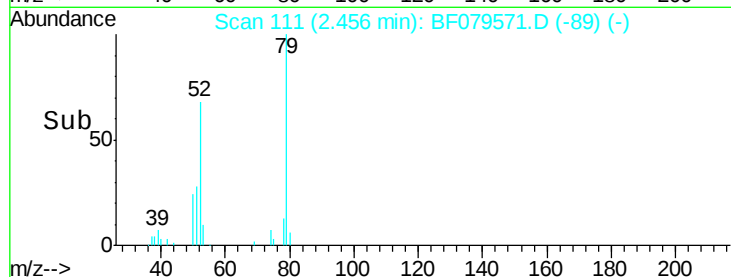
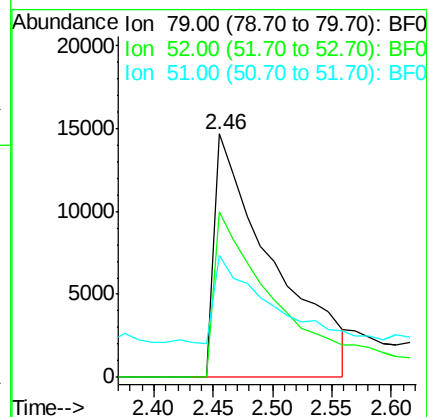
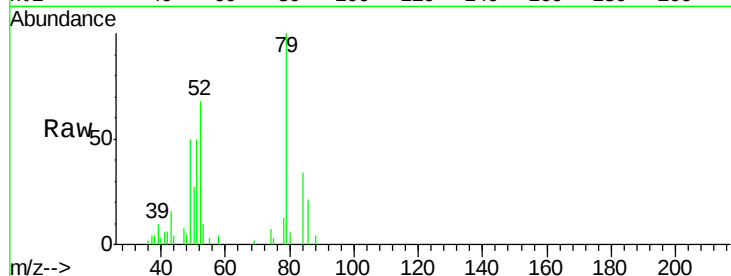
Tgt Ion: 79 Resp: 49995

Ion Ratio Lower Upper

79 100

52 68.2 57.4 86.2

51 50.3 29.4 44.0#



#4

n-Nitrosodimethylamine

Concen: 10.75 ng

RT: 2.36 min Scan# 103

Delta R.T. 0.03 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

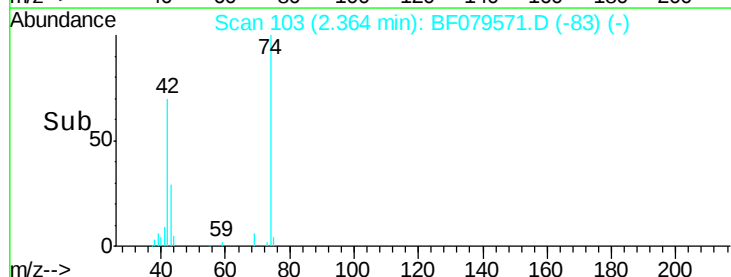
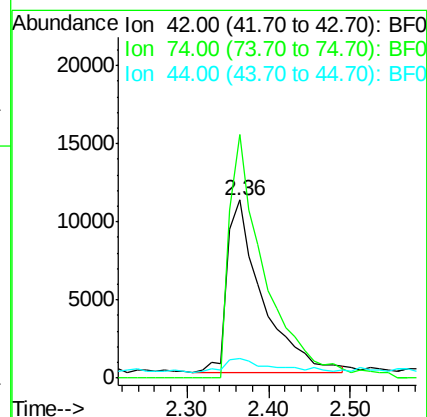
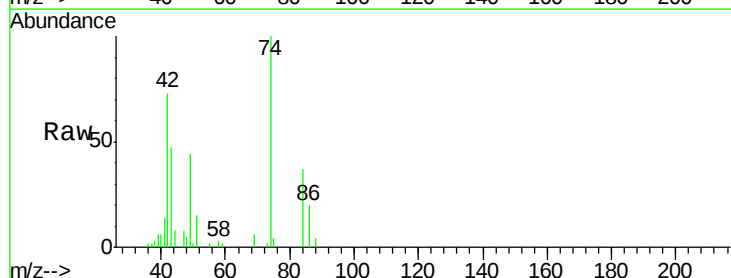
Tgt Ion: 42 Resp: 33279

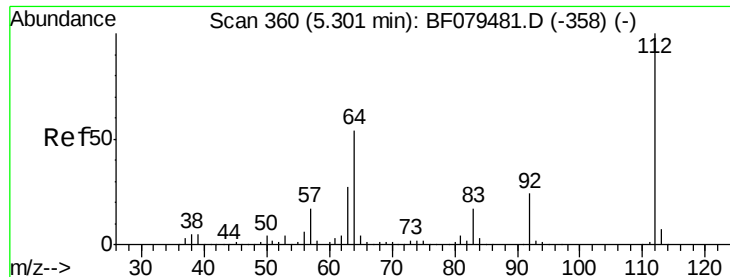
Ion Ratio Lower Upper

42 100

74 136.9 117.6 176.4

44 11.3 6.9 10.3#





#5

2-Fluorophenol

Concen: 42.97 ng

RT: 5.23 min Scan# 354

Delta R.T. -0.00 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

Instrument :

BNA_F

ClientSampleId :

MW-05MS

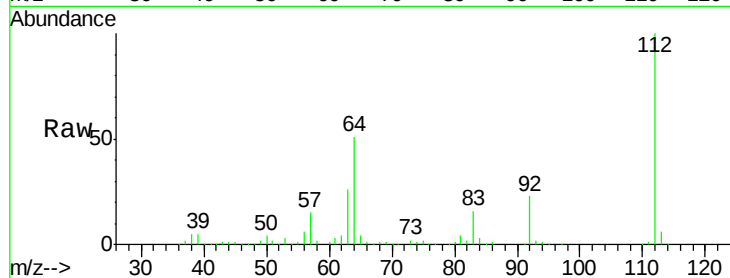
Tgt Ion: 112 Resp: 257769

Ion Ratio Lower Upper

112 100

64 50.5 43.5 65.3

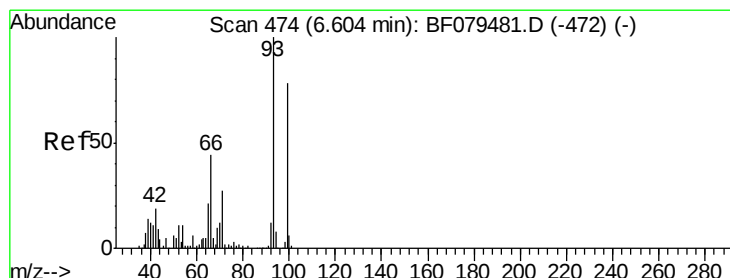
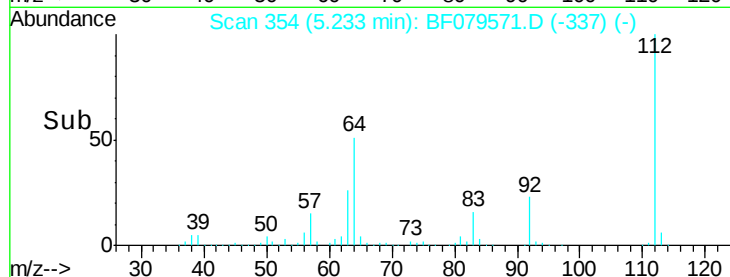
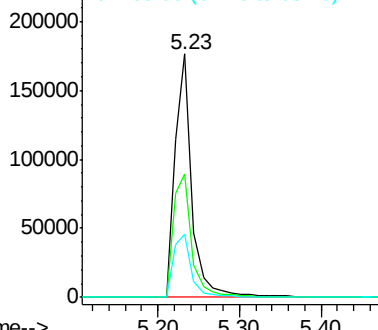
63 25.9 21.8 32.8



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: 11.62 ng

RT: 6.55 min Scan# 469

Delta R.T. -0.00 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

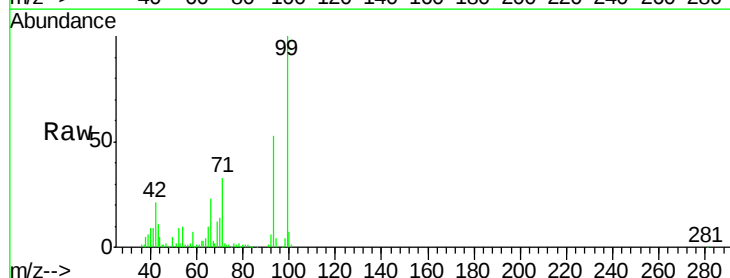
Tgt Ion: 93 Resp: 126064

Ion Ratio Lower Upper

93 100

66 43.0 34.8 52.2

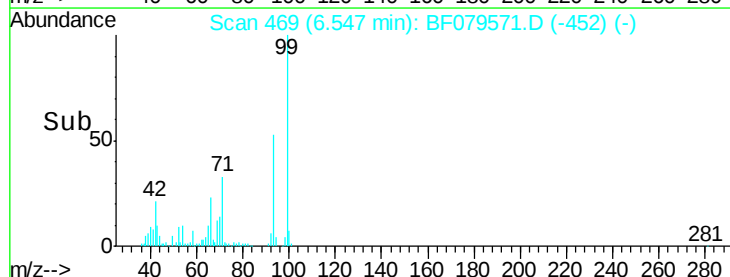
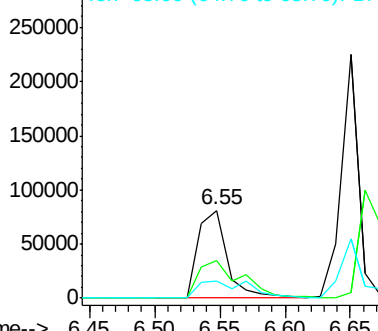
65 19.8 16.7 25.1

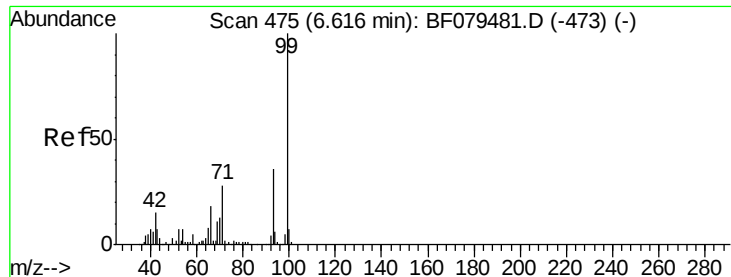


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 27.45 ng

RT: 6.55 min Scan# 469

Delta R.T. -0.00 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

Instrument :

BNA_F

ClientSampleId :

MW-05MS

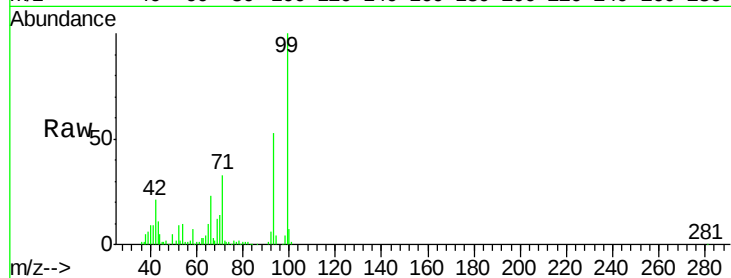
Tgt Ion: 99 Resp: 209874

Ion Ratio Lower Upper

99 100

42 21.1 11.9 17.9#

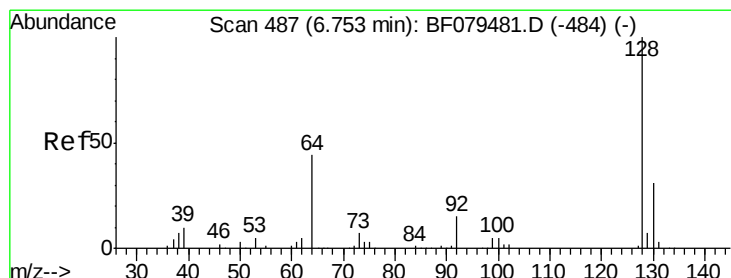
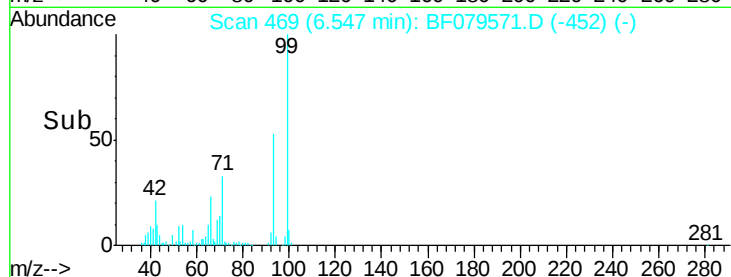
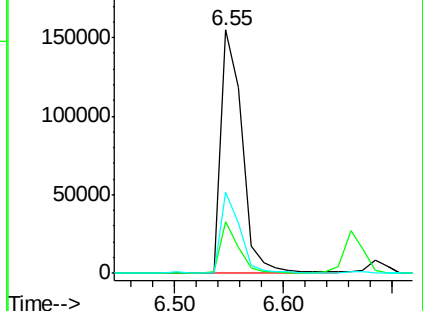
71 33.2 22.1 33.1#



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: 24.34 ng

RT: 6.68 min Scan# 481

Delta R.T. -0.00 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

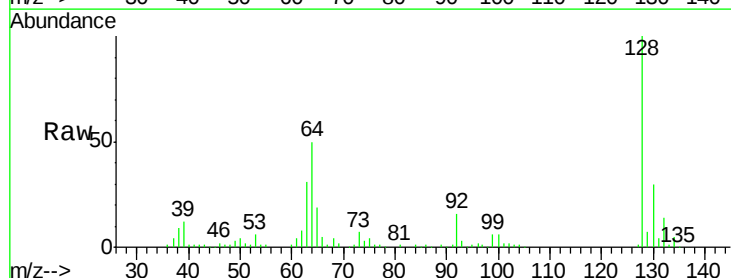
Tgt Ion: 128 Resp: 169998

Ion Ratio Lower Upper

128 100

130 30.3 11.4 51.4

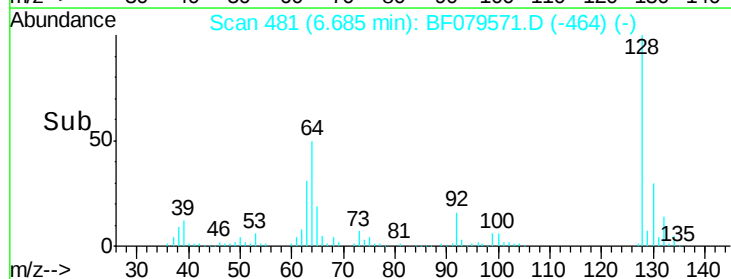
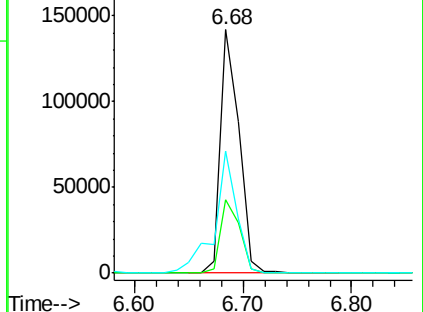
64 50.0 25.9 65.9

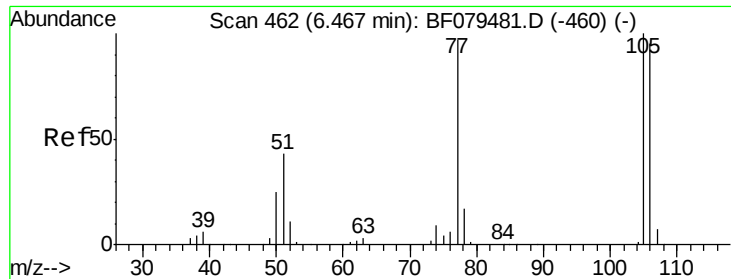


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 3.57 ng

RT: 6.40 min Scan# 456

Delta R.T. -0.00 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

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MW-05MS

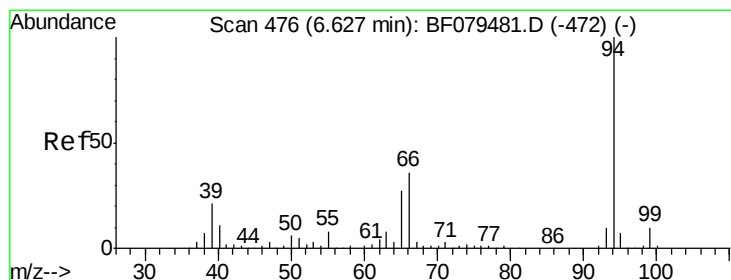
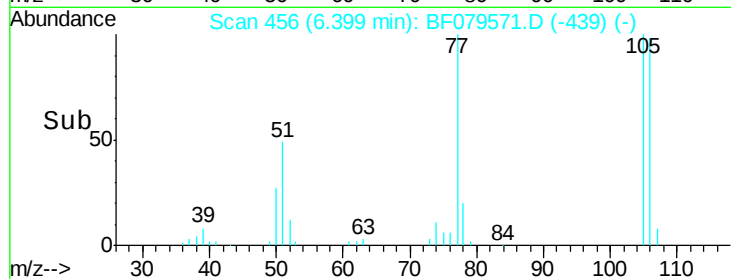
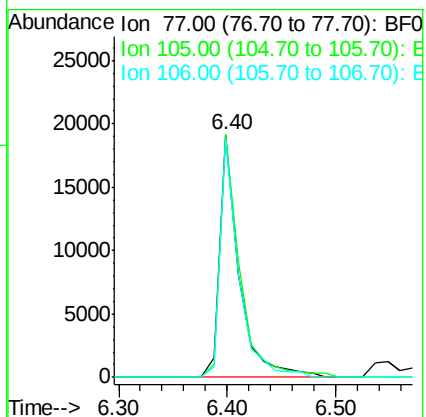
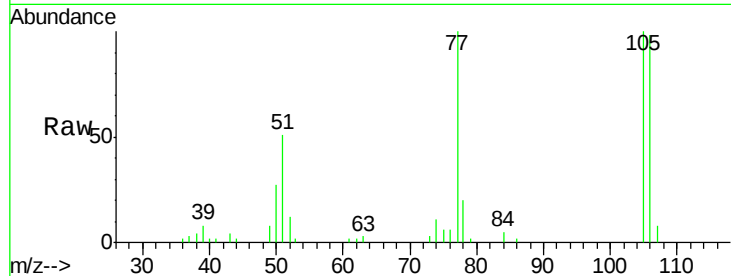
Tgt Ion: 77 Resp: 23836

Ion Ratio Lower Upper

77 100

105 100.4 83.3 123.3

106 98.5 78.4 118.4



#10

Phenol

Concen: 9.02 ng

RT: 6.57 min Scan# 471

Delta R.T. -0.00 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

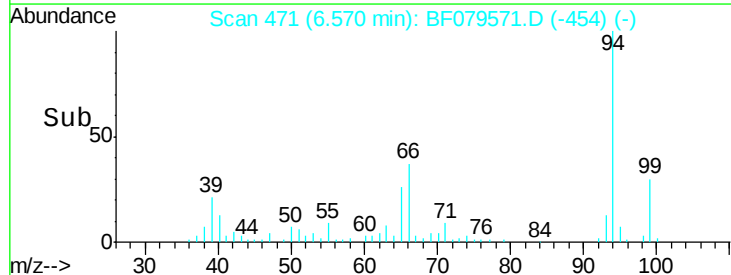
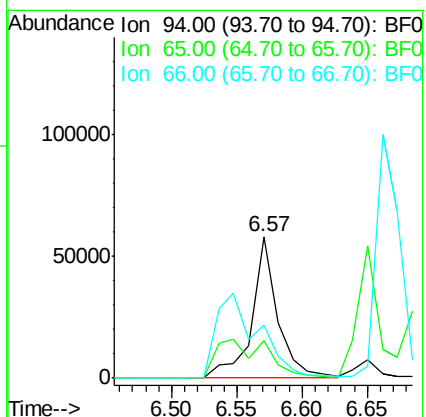
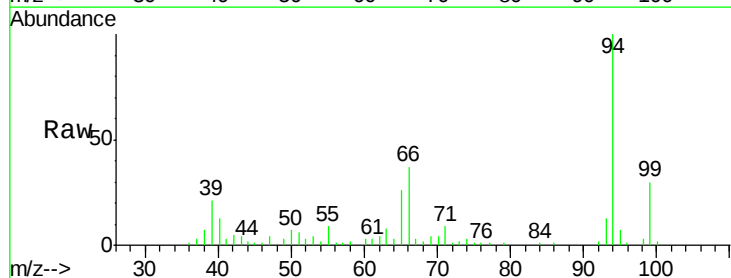
Tgt Ion: 94 Resp: 81231

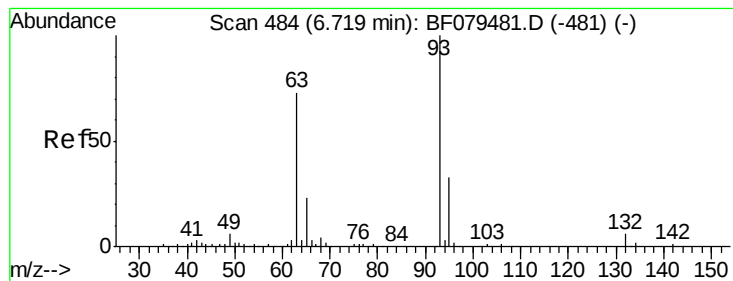
Ion Ratio Lower Upper

94 100

65 26.2 7.2 47.2

66 37.1 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 32.53 ng

RT: 6.65 min Scan# 478

Delta R.T. -0.00 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

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ClientSampleId :

MW-05MS

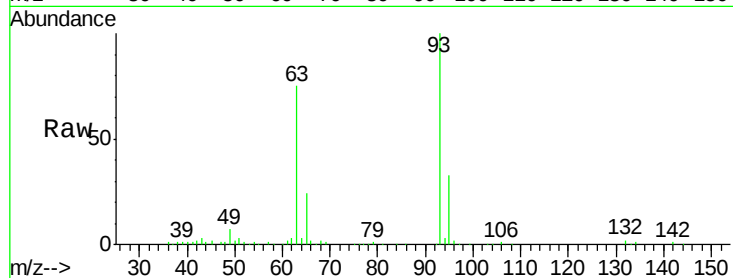
Tgt Ion: 93 Resp: 211875

Ion Ratio Lower Upper

93 100

63 75.0 51.8 91.8

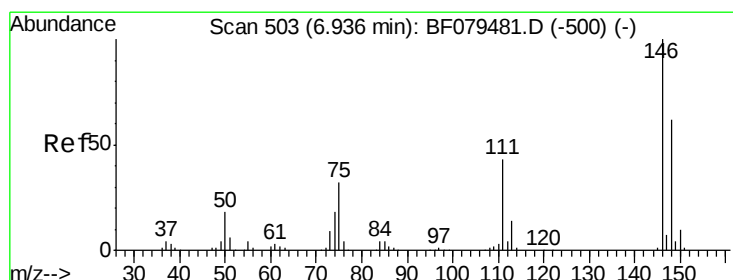
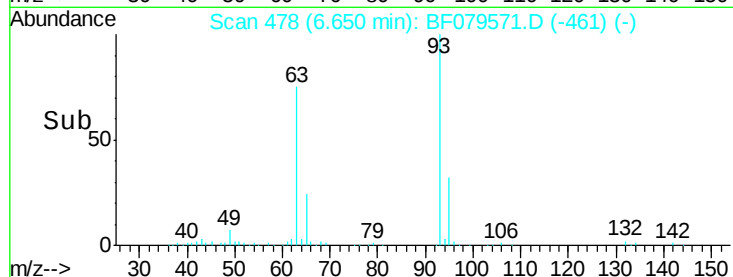
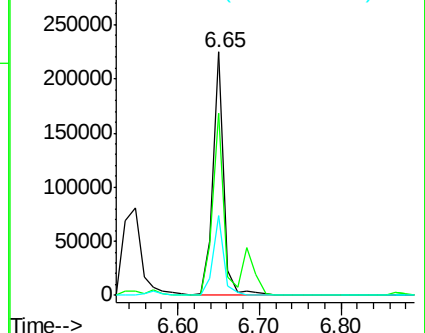
95 32.6 13.0 53.0



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: 26.55 ng

RT: 6.87 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

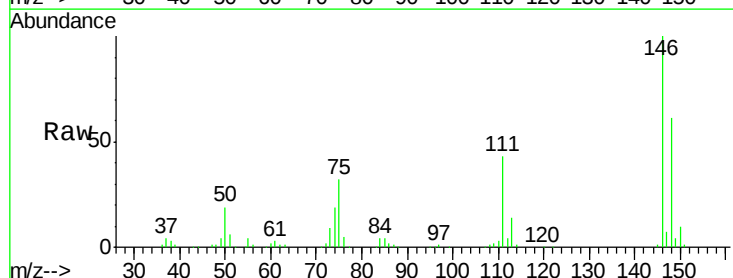
Tgt Ion: 146 Resp: 205418

Ion Ratio Lower Upper

146 100

148 61.1 49.6 74.4

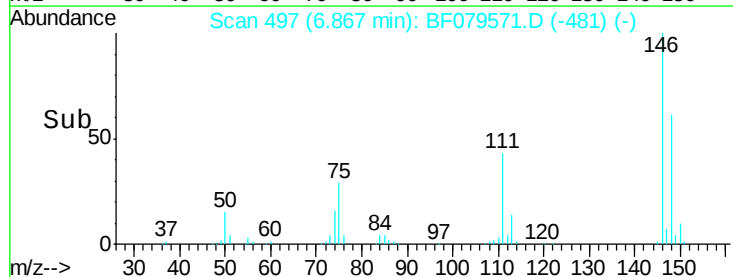
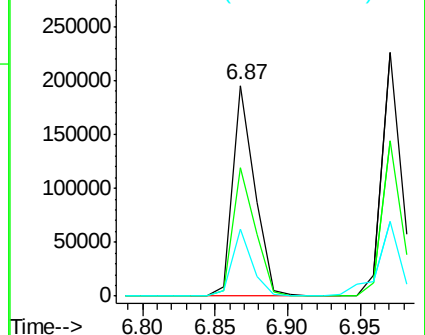
75 31.9 25.9 38.9

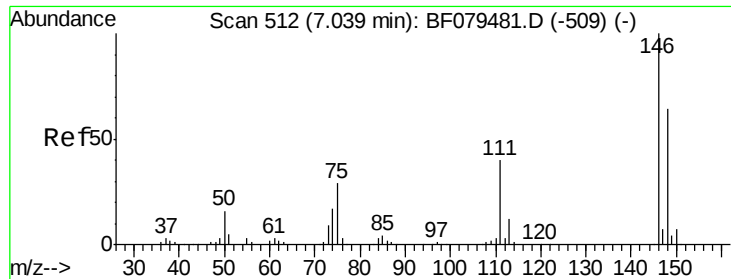


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

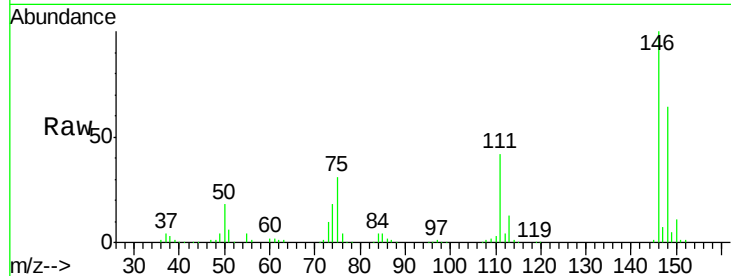




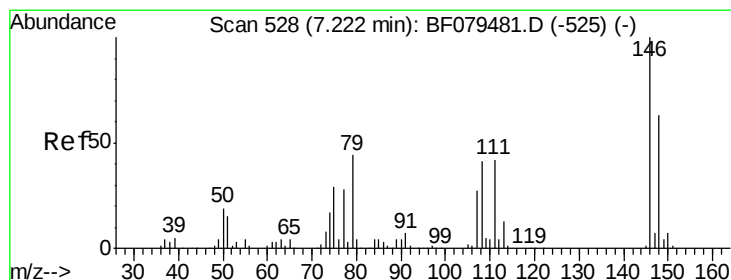
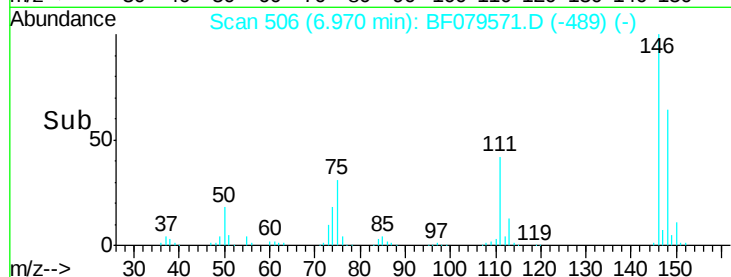
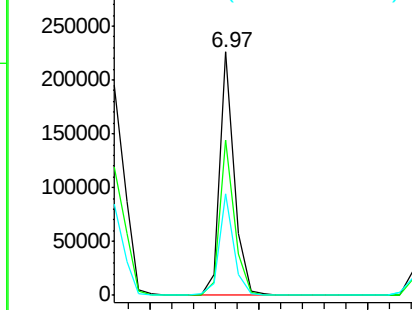
#13
 1,4-Dichlorobenzene
 Concen: 26.94 ng
 RT: 6.97 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: BF079571.D
 Acq: 29 May 2015 20:35

Instrument :
 BNA_F
 ClientSampled :
 MW-05MS

Tgt Ion:146 Resp: 212608
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.3 76.9
 111 41.6 31.8 47.8

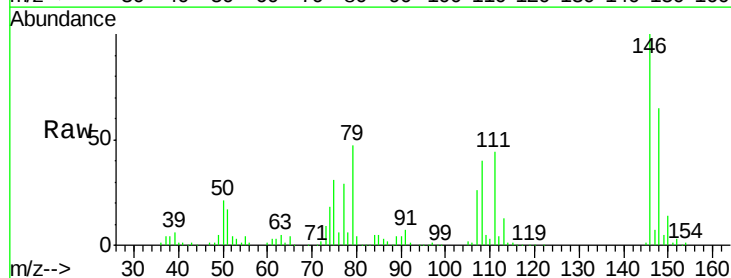


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

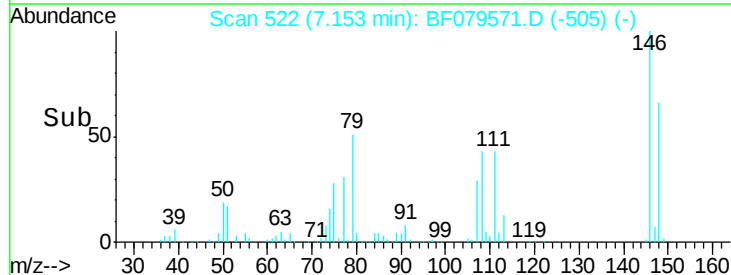
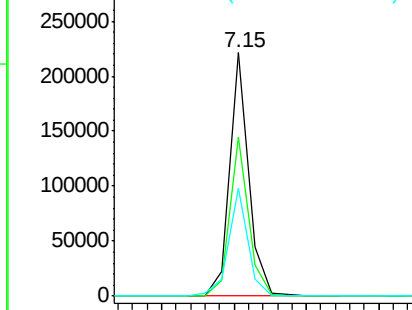


#14
 1,2-Dichlorobenzene
 Concen: 27.37 ng
 RT: 7.15 min Scan# 522
 Delta R.T. -0.00 min
 Lab File: BF079571.D
 Acq: 29 May 2015 20:35

Tgt Ion:146 Resp: 200604
 Ion Ratio Lower Upper
 146 100
 148 65.3 50.6 76.0
 111 44.1 33.2 49.8



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

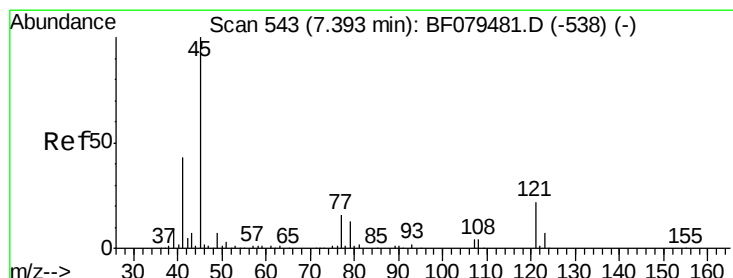
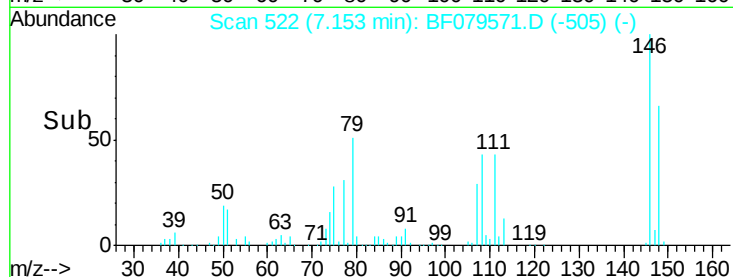
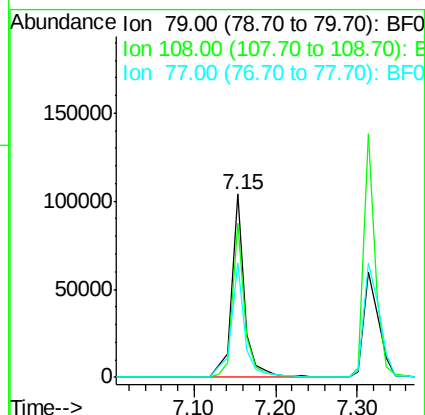
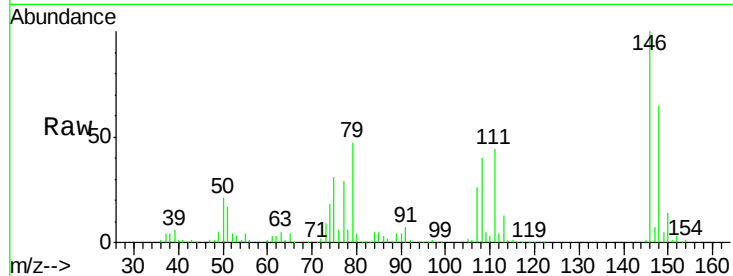




#15
Benzyl Alcohol
Concen: 20.24 ng
RT: 7.15 min Scan# 522
Delta R.T. -0.00 min
Lab File: BF079571.D
Acq: 29 May 2015 20:35

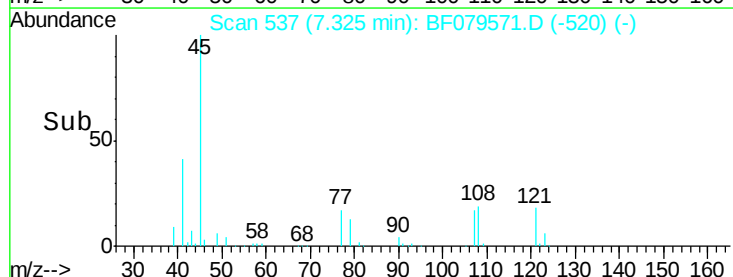
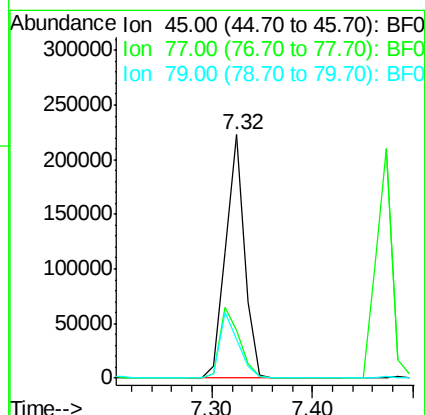
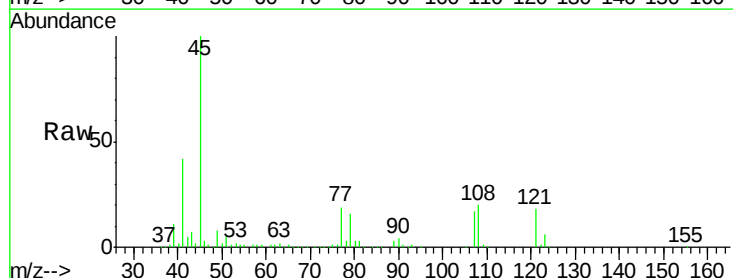
Instrument :
BNA_F
ClientSampled :
MW-05MS

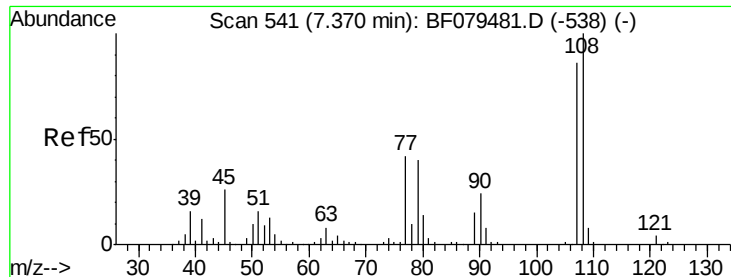
Tgt Ion: 79 Resp: 113765
Ion Ratio Lower Upper
79 100
108 84.3 73.7 110.5
77 62.4 51.1 76.7



#16
2,2'-oxybis(1-chloropropane)
Concen: 30.37 ng
RT: 7.32 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF079571.D
Acq: 29 May 2015 20:35

Tgt Ion: 45 Resp: 289496
Ion Ratio Lower Upper
45 100
77 19.5 0.0 35.5
79 16.0 0.0 32.8





#17

2-Methylphenol

Concen: 21.11 ng

RT: 7.31 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

Instrument :

BNA_F

ClientSampleId :

MW-05MS

Tgt Ion:107 Resp: 115812

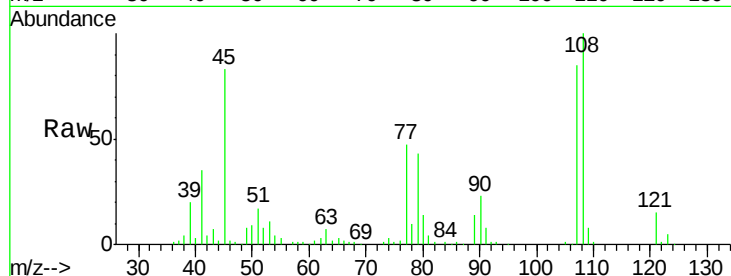
Ion Ratio Lower Upper

107 100

108 117.4 93.1 139.7

77 54.9 39.2 58.8

79 50.6 37.8 56.8

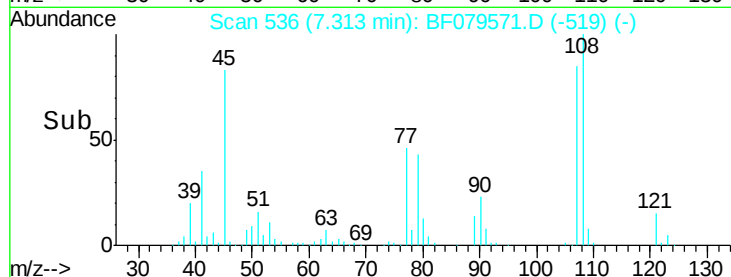


Abundance Ion 107.00 (106.70 to 107.70): E

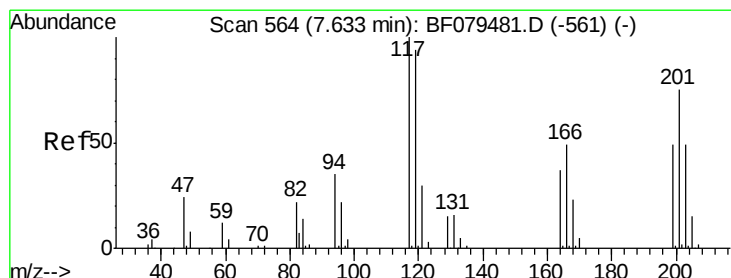
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 25.42 ng

RT: 7.56 min Scan# 558

Delta R.T. -0.00 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

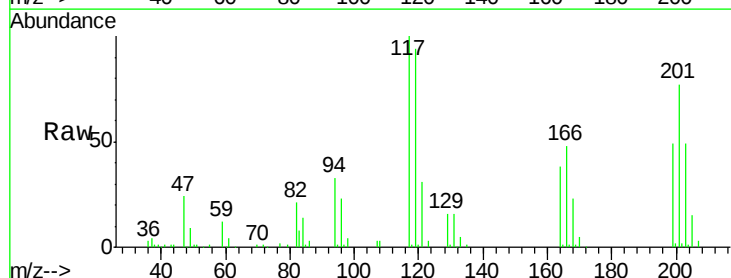
Tgt Ion:117 Resp: 69044

Ion Ratio Lower Upper

117 100

119 94.2 74.9 112.3

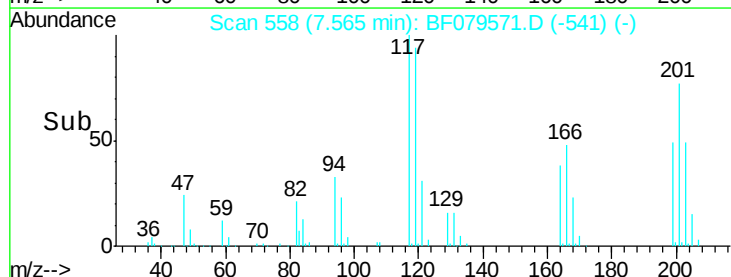
201 77.2 60.2 90.4



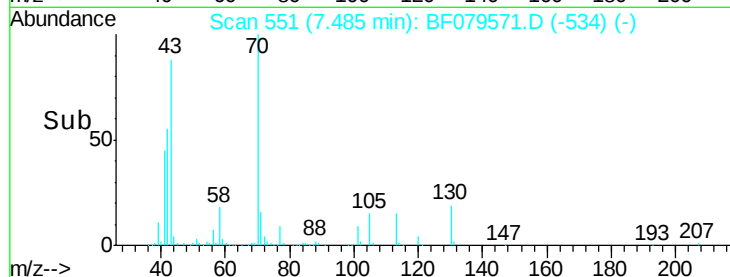
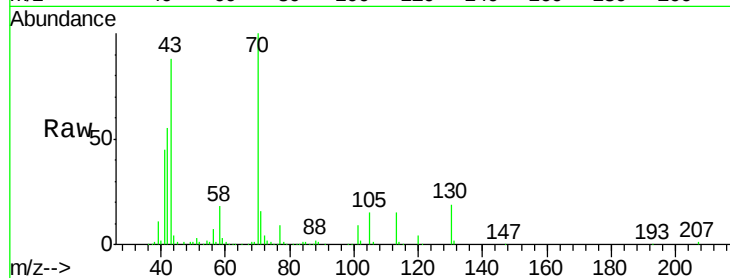
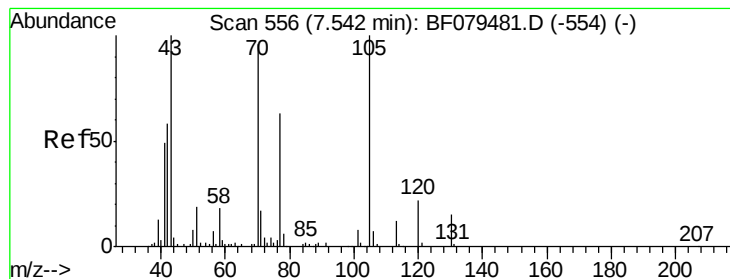
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 30.49 ng

RT: 7.48 min Scan# 551

Delta R.T. -0.00 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

Instrument :

BNA_F

ClientSampleId :

MW-05MS

Tgt Ion: 70 Resp: 164034

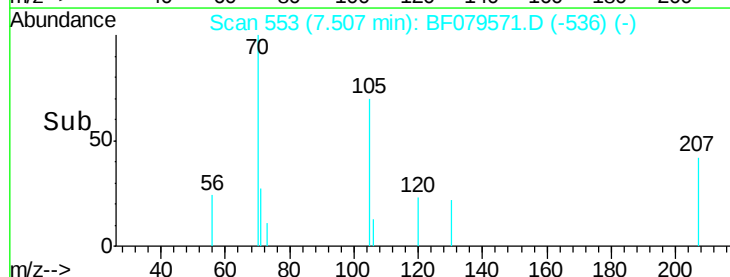
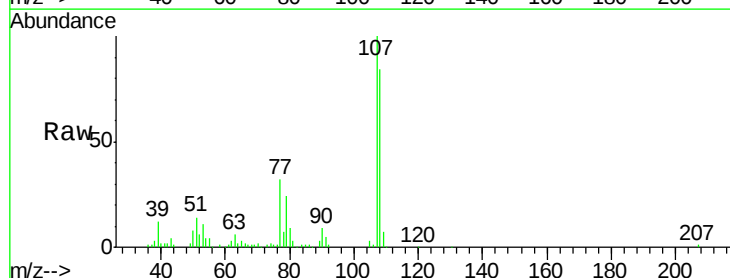
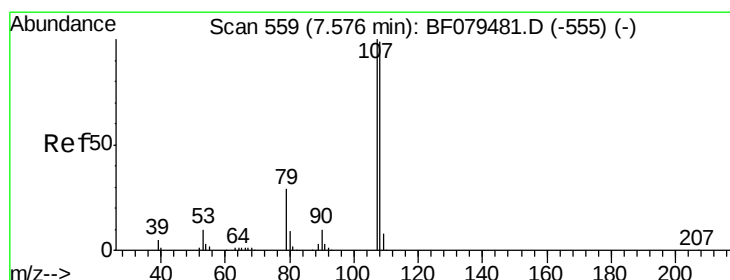
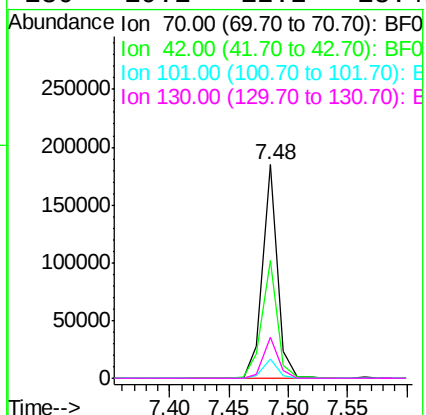
Ion Ratio Lower Upper

70 100

42 55.4 48.8 73.2

101 8.9 6.6 9.8

130 19.1 12.2 18.4#



#20

3+4-Methylphenols

Concen: 18.31 ng

RT: 7.51 min Scan# 553

Delta R.T. -0.00 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

Tgt Ion: 107 Resp: 138046

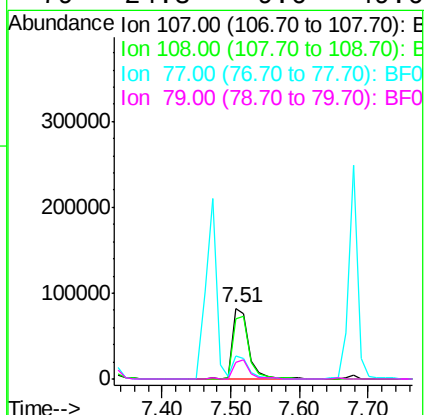
Ion Ratio Lower Upper

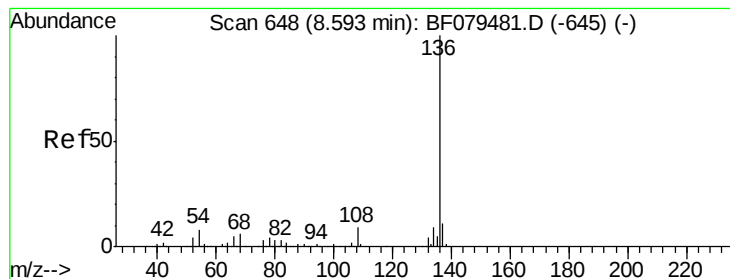
107 100

108 84.3 77.7 117.7

77 31.7 11.4 51.4

79 24.3 9.6 49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.52 min Scan# 642

Delta R.T. -0.01 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

Instrument :

BNA_F

ClientSampleId :

MW-05MS

Tgt Ion:136 Resp: 431113

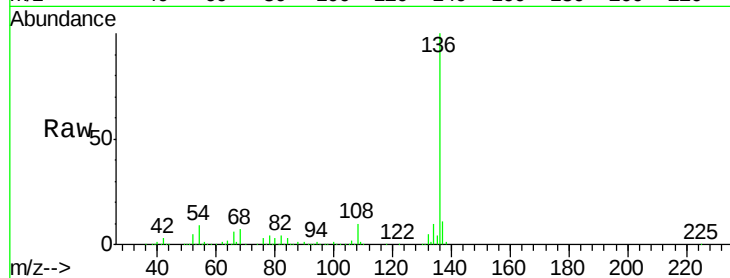
Ion Ratio Lower Upper

136 100

137 11.5 8.5 12.7

54 8.9 6.6 9.8

68 7.0 4.7 7.1

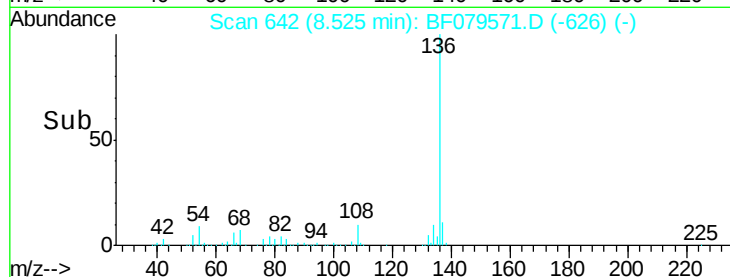


Abundance Ion 136.00 (135.70 to 136.70): E

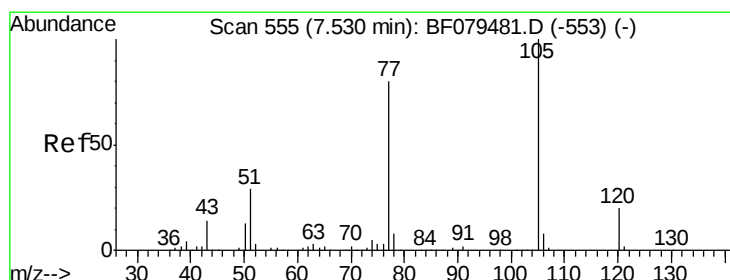
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 32.34 ng

RT: 7.47 min Scan# 550

Delta R.T. -0.00 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

Tgt Ion:105 Resp: 312369

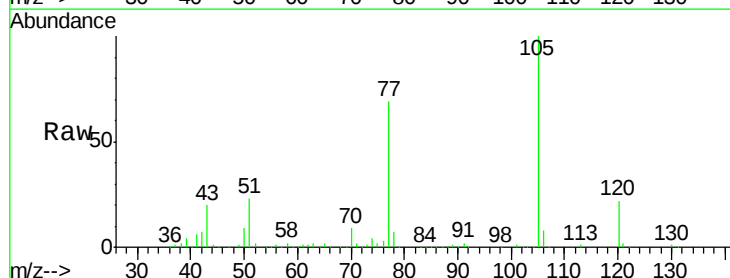
Ion Ratio Lower Upper

105 100

71 1.7 0.2 0.4#

51 22.9 23.7 35.5#

120 22.0 16.2 24.4

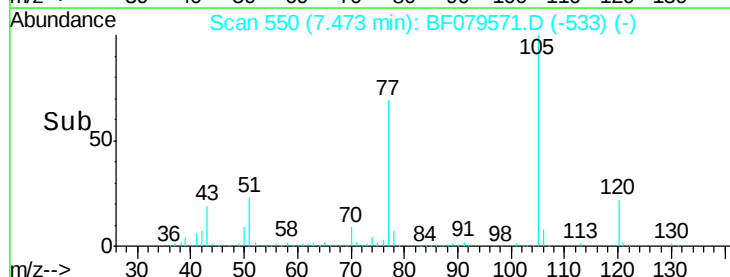


Abundance Ion 105.00 (104.70 to 105.70): E

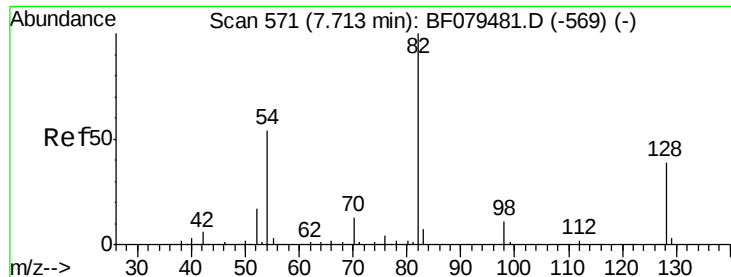
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



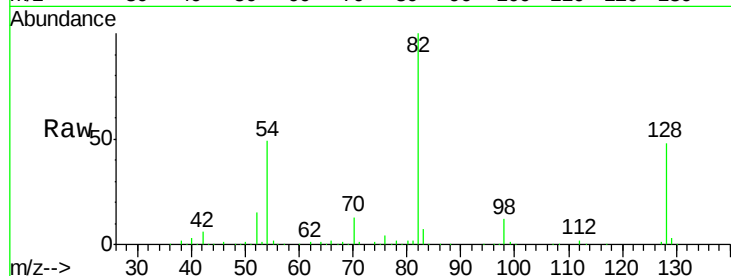
Time-->



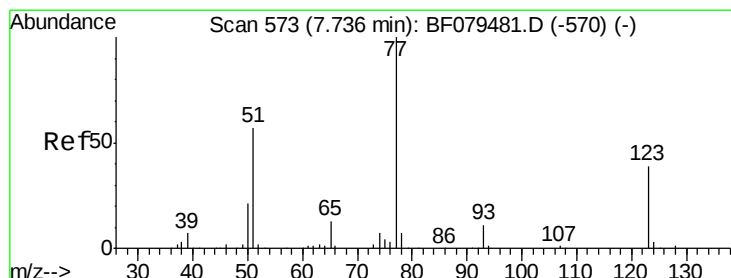
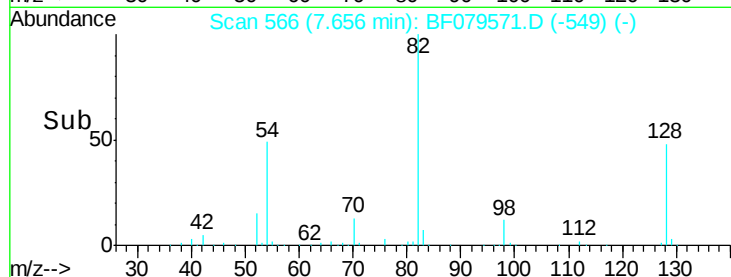
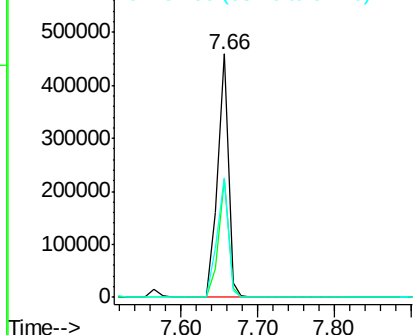
#23
 Nitrobenzene-d5
 Concen: 60.35 ng
 RT: 7.66 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: BF079571.D
 Acq: 29 May 2015 20:35

Instrument :
 BNA_F
 ClientSampleId :
 MW-05MS

Tgt Ion: 82 Resp: 450087
 Ion Ratio Lower Upper
 82 100
 128 48.4 30.8 46.2#
 54 48.9 42.8 64.2

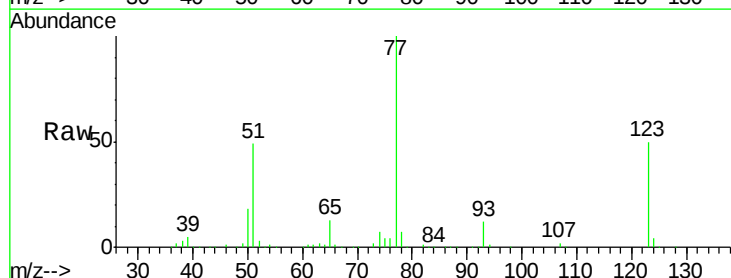


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

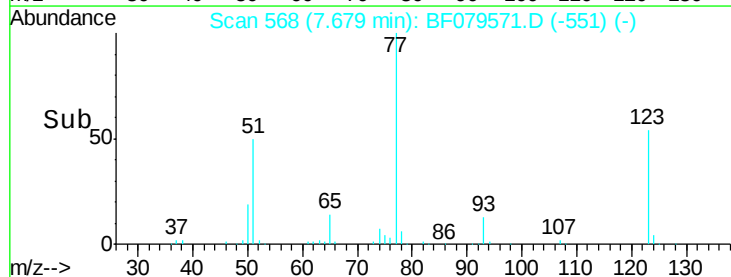
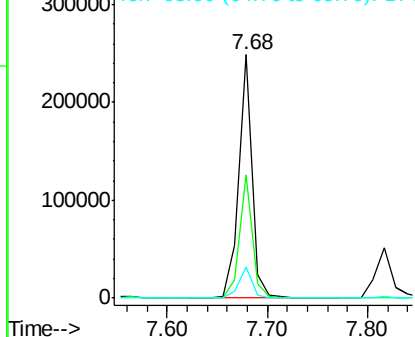


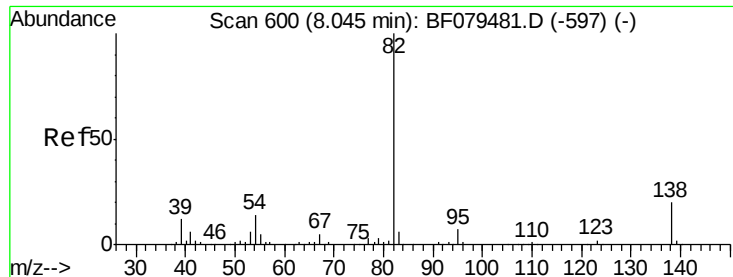
#24
 Nitrobenzene
 Concen: 31.06 ng
 RT: 7.68 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: BF079571.D
 Acq: 29 May 2015 20:35

Tgt Ion: 77 Resp: 228311
 Ion Ratio Lower Upper
 77 100
 123 50.4 31.0 46.4#
 65 13.0 10.6 15.8



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

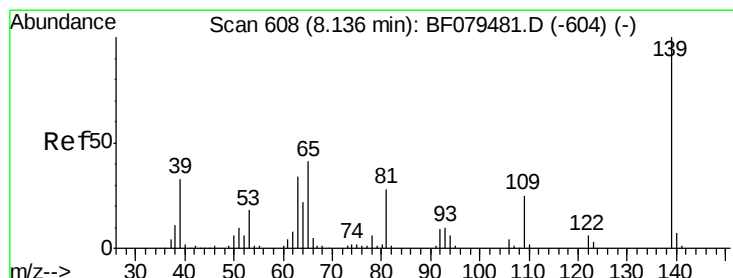
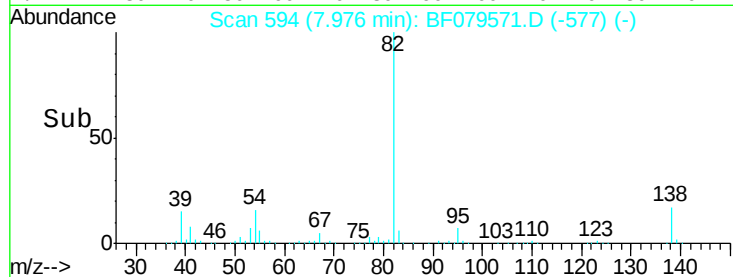
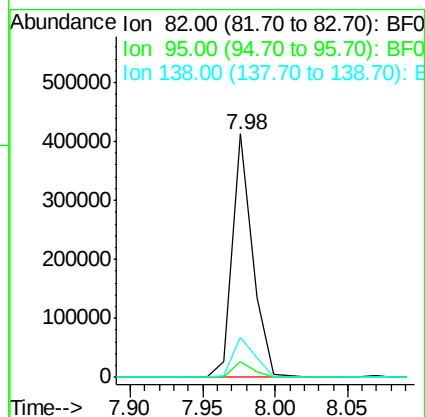
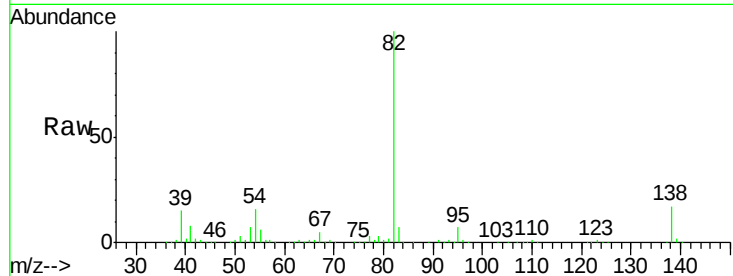




#25
Isophorone
Concen: 29.46 ng
RT: 7.98 min Scan# 594
Delta R.T. -0.00 min
Lab File: BF079571.D
Acq: 29 May 2015 20:35

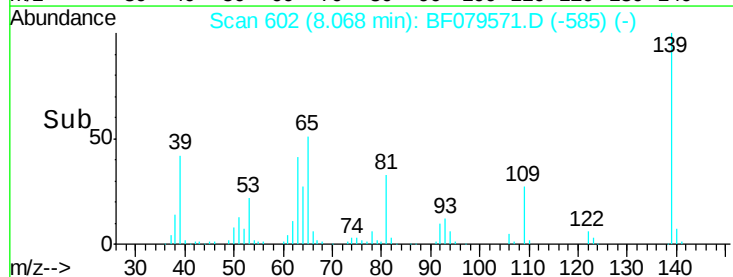
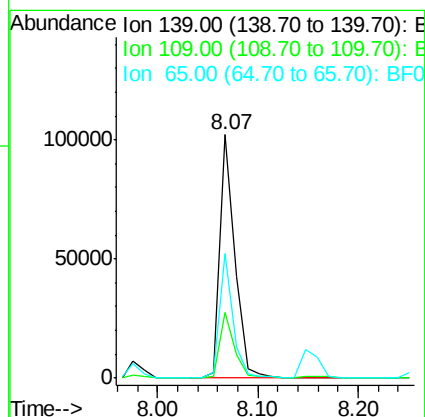
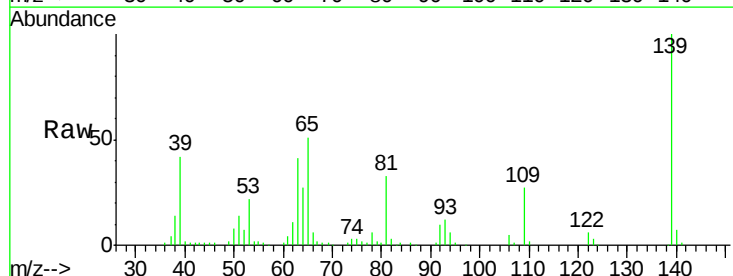
Instrument :
BNA_F
ClientSampleId :
MW-05MS

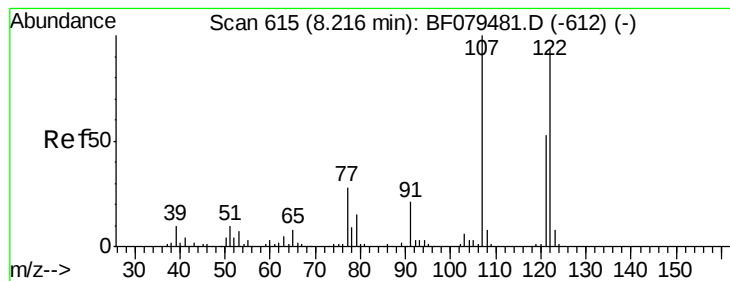
Tgt Ion: 82 Resp: 400471
Ion Ratio Lower Upper
82 100
95 6.5 5.5 8.3
138 16.7 16.1 24.1



#26
2-Nitrophenol
Concen: 30.56 ng
RT: 8.07 min Scan# 602
Delta R.T. -0.00 min
Lab File: BF079571.D
Acq: 29 May 2015 20:35

Tgt Ion: 139 Resp: 106355
Ion Ratio Lower Upper
139 100
109 27.2 20.2 30.2
65 51.4 32.5 48.7#





#27

2,4-Dimethylphenol

Concen: 26.81 ng

RT: 8.16 min Scan# 610

Delta R.T. -0.00 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

Instrument :

BNA_F

ClientSampleId :

MW-05MS

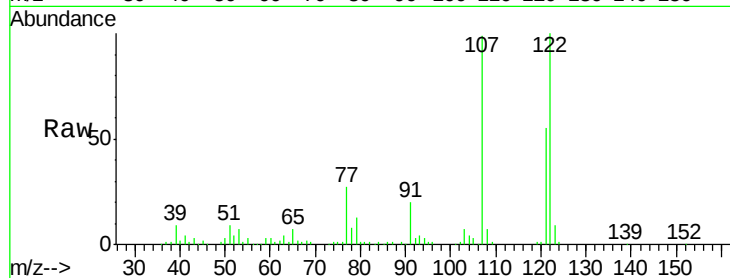
Tgt Ion:122 Resp: 167725

Ion Ratio Lower Upper

122 100

107 99.0 85.2 127.8

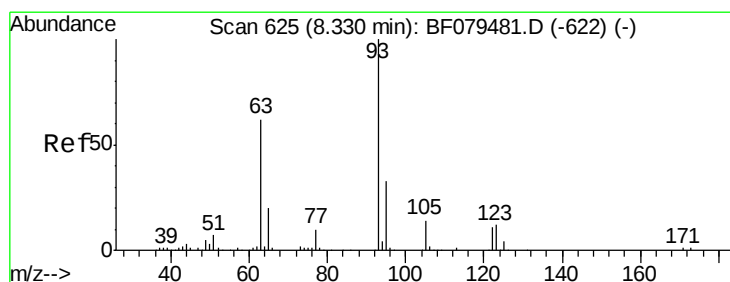
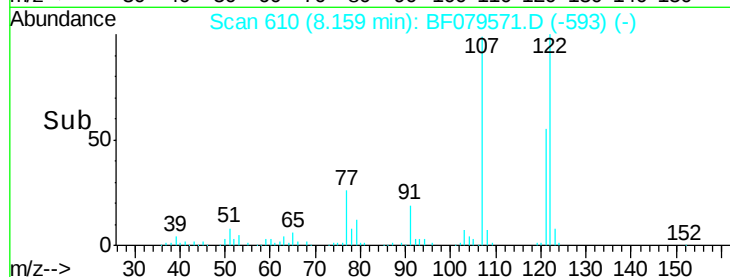
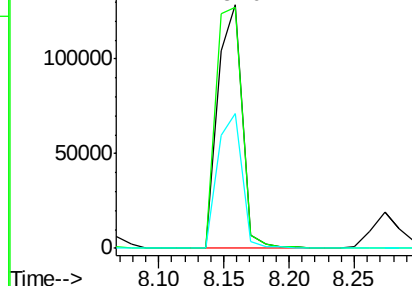
121 55.2 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 30.49 ng

RT: 8.26 min Scan# 619

Delta R.T. -0.00 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

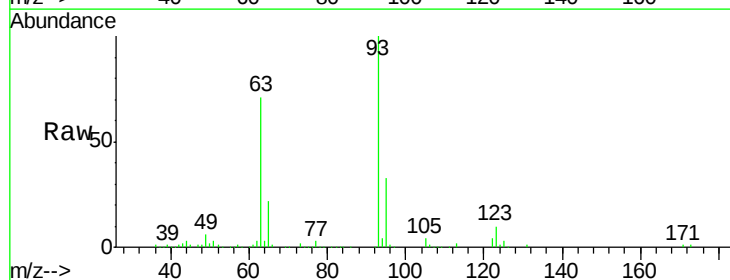
Tgt Ion: 93 Resp: 256854

Ion Ratio Lower Upper

93 100

95 32.8 26.6 39.8

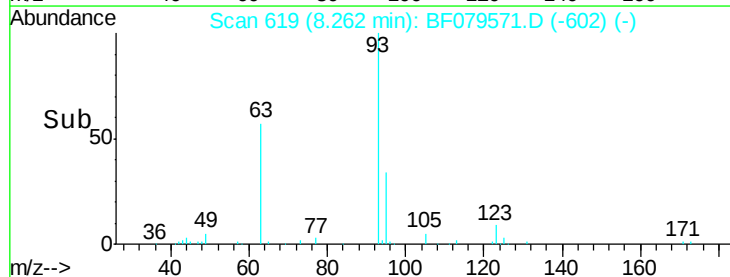
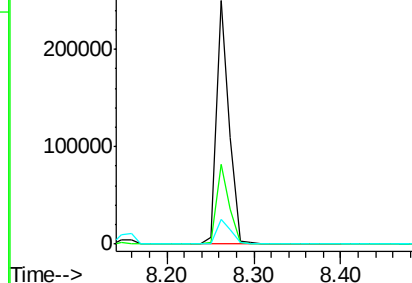
123 9.9 9.4 14.0

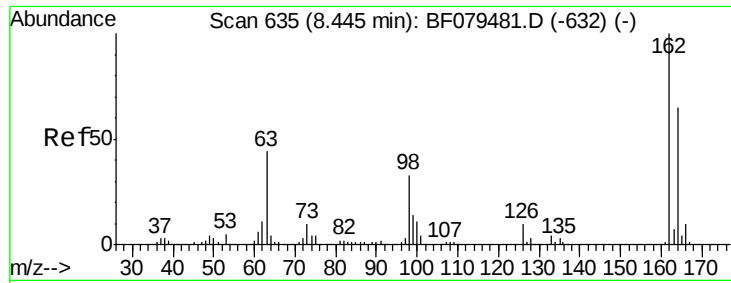


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

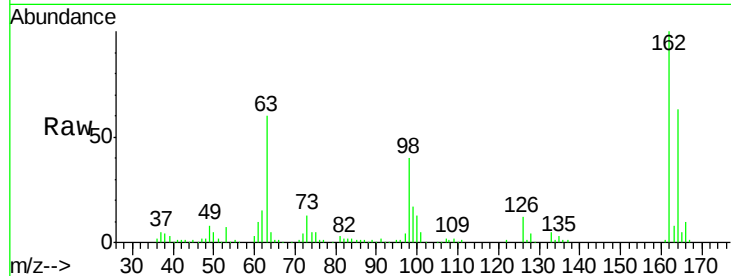




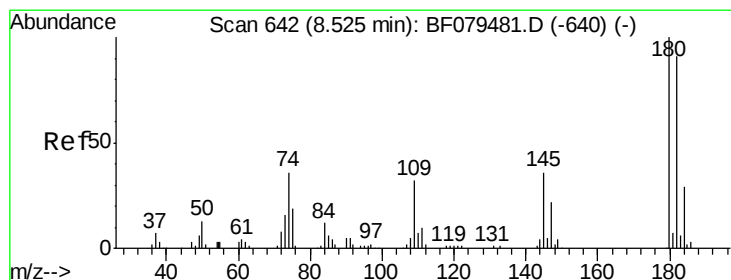
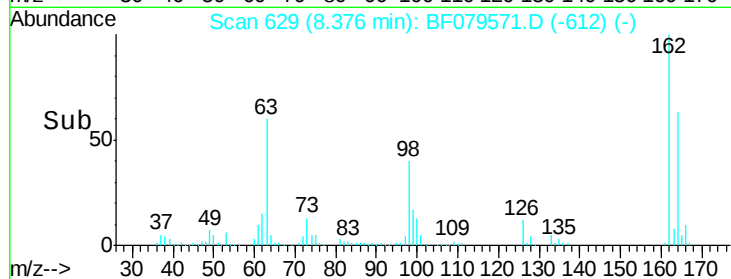
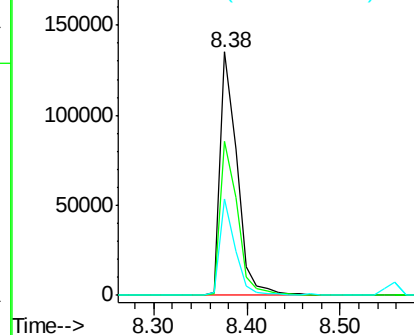
#29
 2,4-Dichlorophenol
 Concen: 29.48 ng
 RT: 8.38 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF079571.D
 Acq: 29 May 2015 20:35

Instrument :
 BNA_F
 ClientSampleId :
 MW-05MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.2	45.0	85.0
98	39.7	13.2	53.2

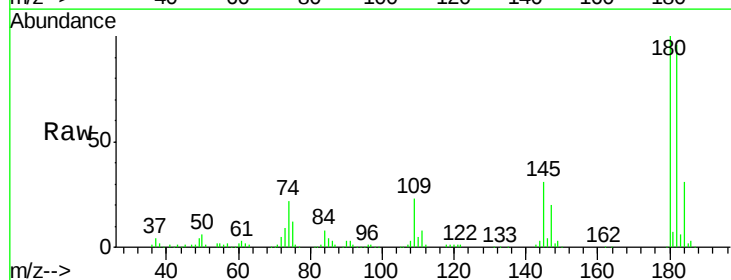


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

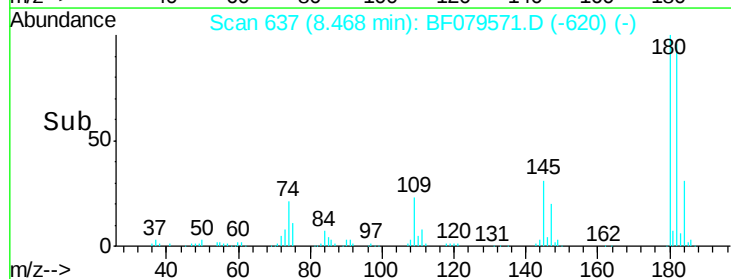
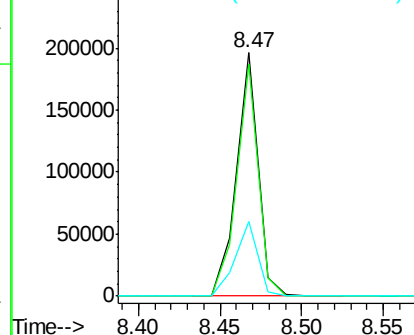


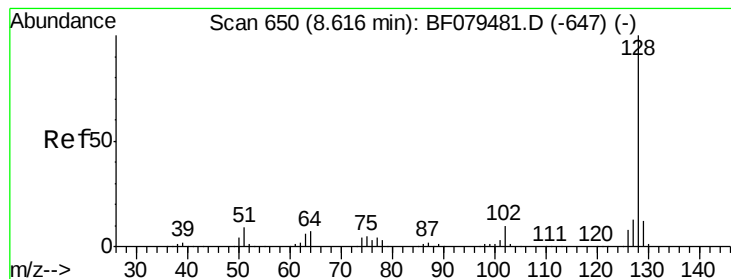
#30
 1,2,4-Trichlorobenzene
 Concen: 30.00 ng
 RT: 8.47 min Scan# 637
 Delta R.T. -0.00 min
 Lab File: BF079571.D
 Acq: 29 May 2015 20:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	73.2	109.8
145	30.6	28.9	43.3



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: 29.43 ng

RT: 8.56 min Scan# 645

Delta R.T. -0.00 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

Instrument :

BNA_F

ClientSampleId :

MW-05MS

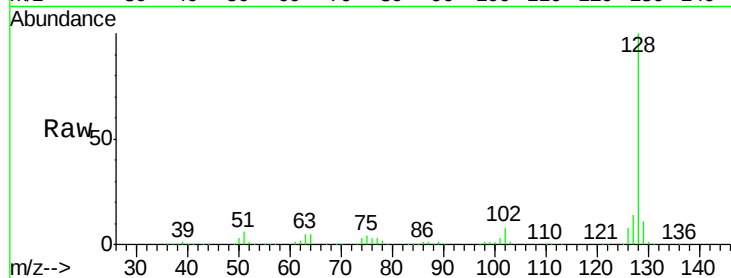
Tgt Ion:128 Resp: 608823

Ion Ratio Lower Upper

128 100

129 11.1 9.3 13.9

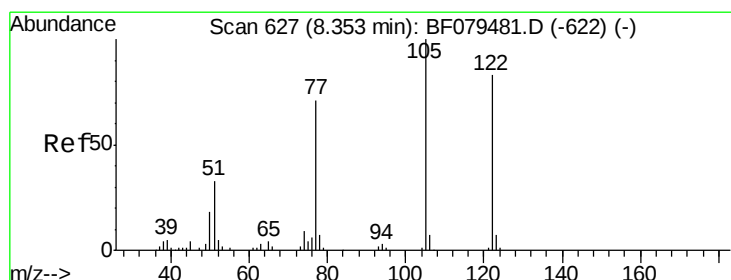
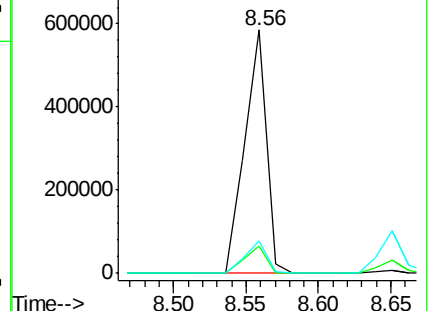
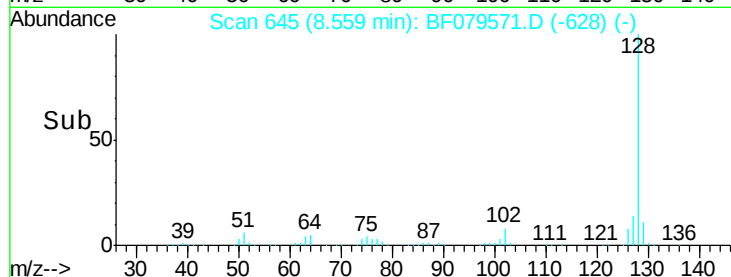
127 13.5 10.6 15.8



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: 9.42 ng

RT: 8.27 min Scan# 620

Delta R.T. -0.02 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

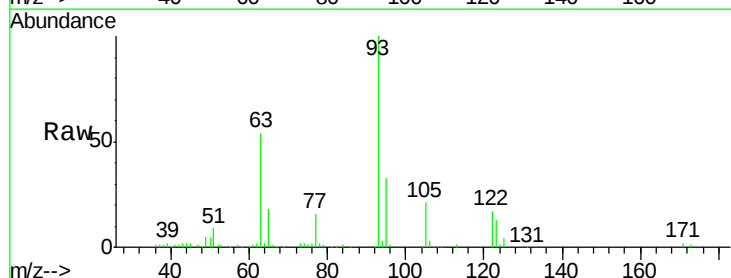
Tgt Ion:122 Resp: 36575

Ion Ratio Lower Upper

122 100

105 119.8 100.2 140.2

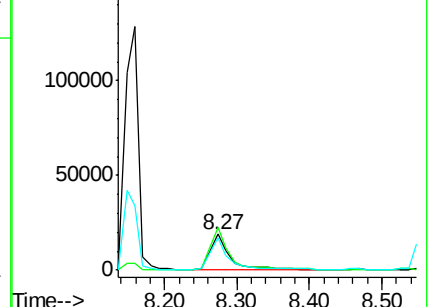
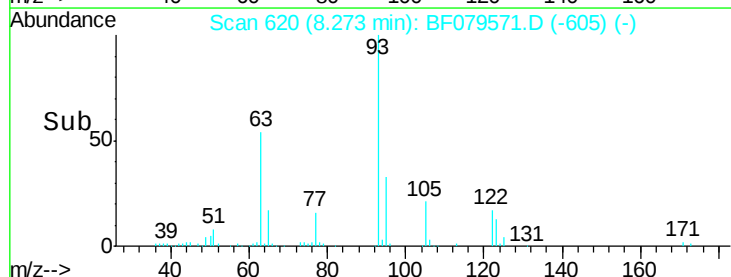
77 92.0 64.8 104.8

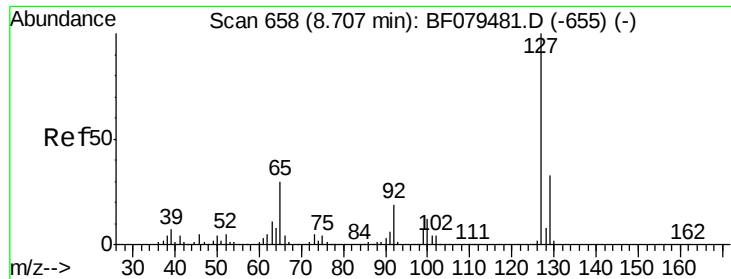


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

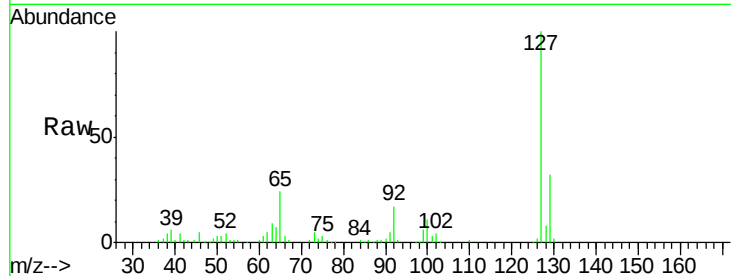




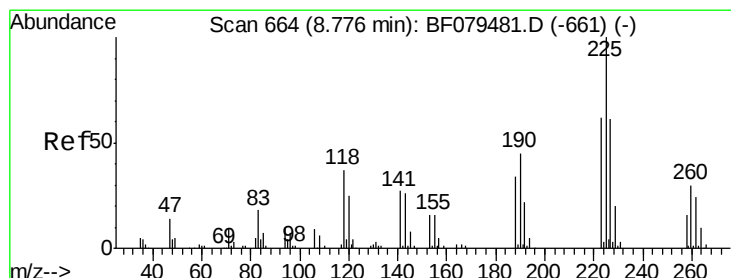
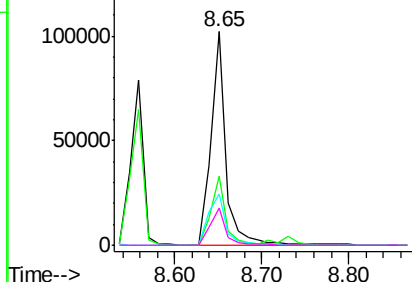
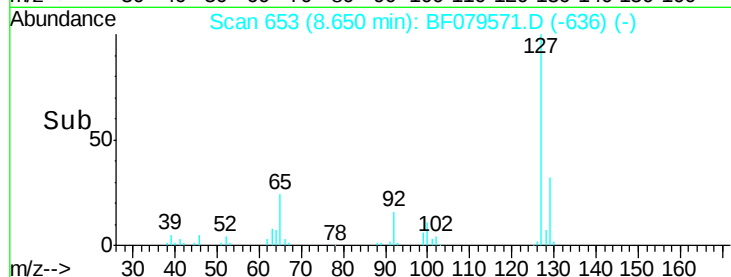
#33
4-Chloroaniline
Concen: 14.14 ng
RT: 8.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BF079571.D
Acq: 29 May 2015 20:35

Instrument :
BNA_F
ClientSampleId :
MW-05MS

Tgt Ion:	127	Resp:	122231
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.2	39.2
65	24.1	24.2	36.4#
92	17.1	15.4	23.0

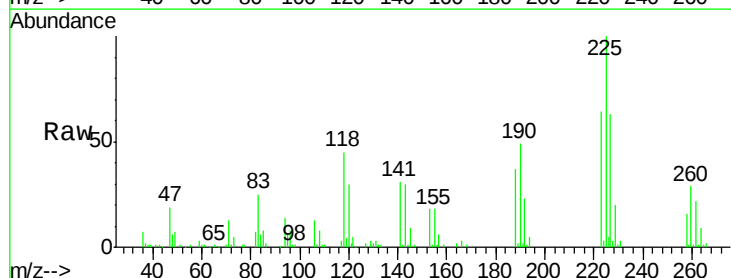


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

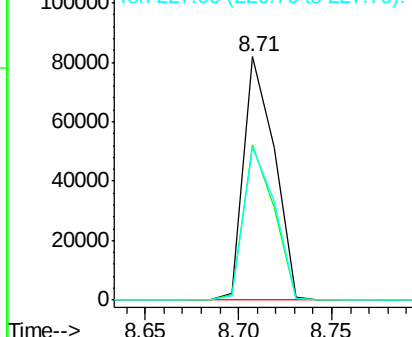
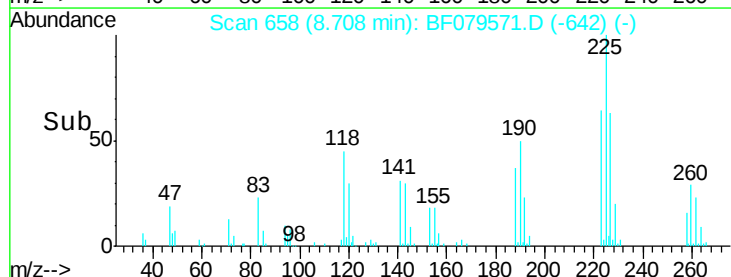


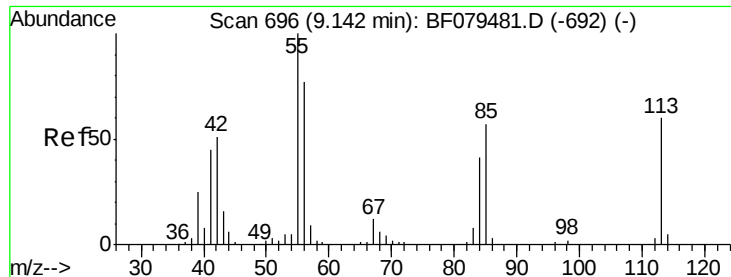
#34
Hexachlorobutadiene
Concen: 27.74 ng
RT: 8.71 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF079571.D
Acq: 29 May 2015 20:35

Tgt Ion:	225	Resp:	93779
Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.9	74.9
227	62.5	48.9	73.3



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: 4.60 ng

RT: 9.10 min Scan# 692

Delta R.T. 0.01 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

Instrument :

BNA_F

ClientSampleId :

MW-05MS

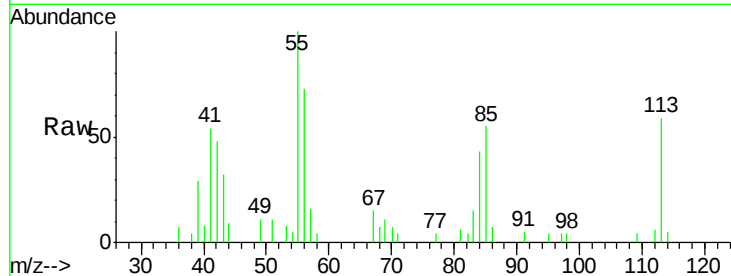
Tgt Ion:113 Resp: 8314

Ion Ratio Lower Upper

113 100

55 170.7 147.2 187.2

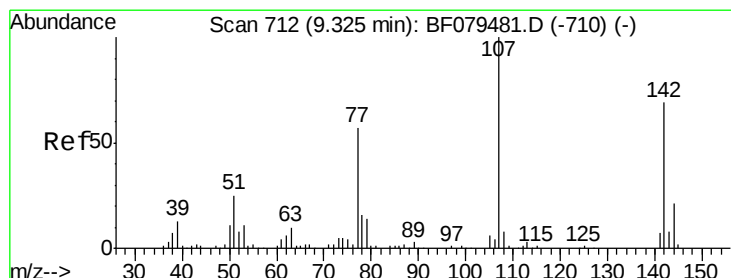
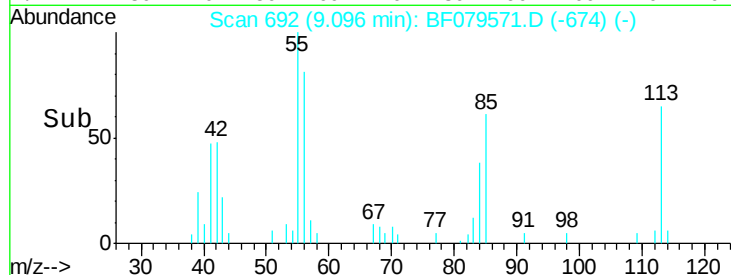
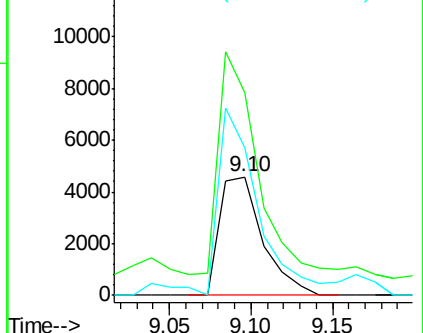
56 125.0 108.6 148.6



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: 26.82 ng

RT: 9.27 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

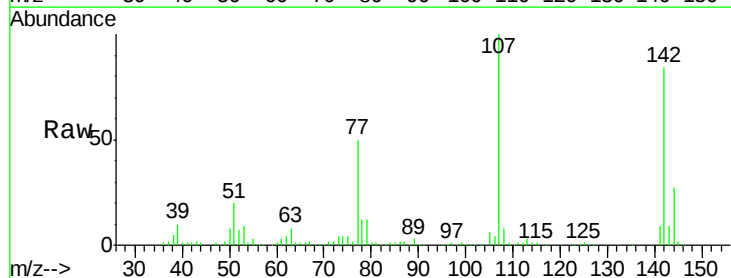
Tgt Ion:107 Resp: 159422

Ion Ratio Lower Upper

107 100

144 27.2 16.9 25.3#

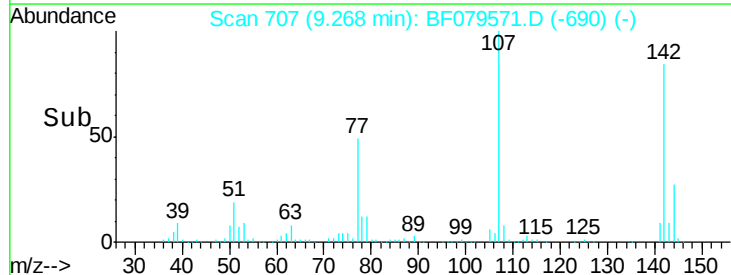
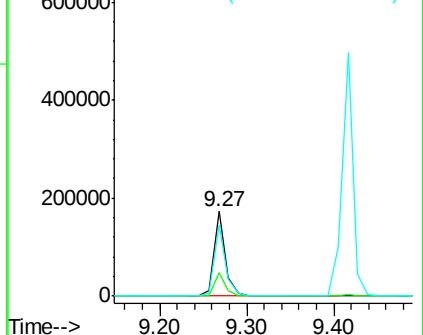
142 83.8 55.2 82.8#

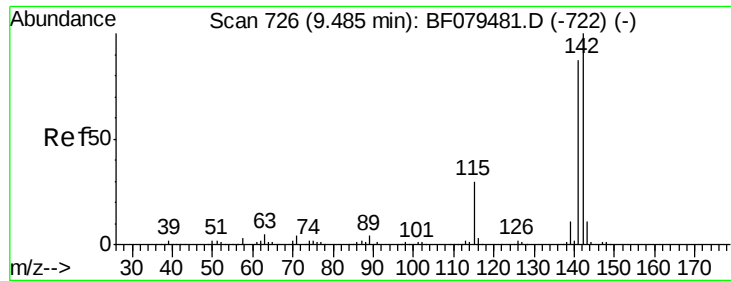


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 30.96 ng

RT: 9.42 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

Instrument :

BNA_F

ClientSampleId :

MW-05MS

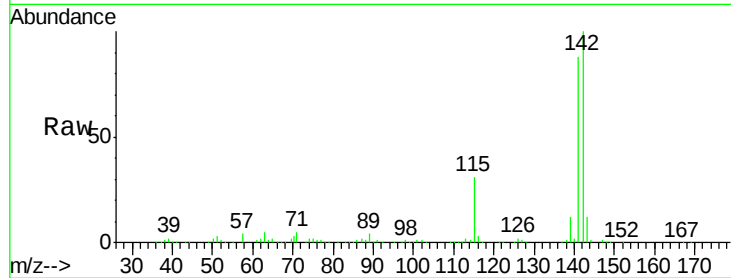
Tgt Ion:142 Resp: 444650

Ion Ratio Lower Upper

142 100

141 88.3 69.5 104.3

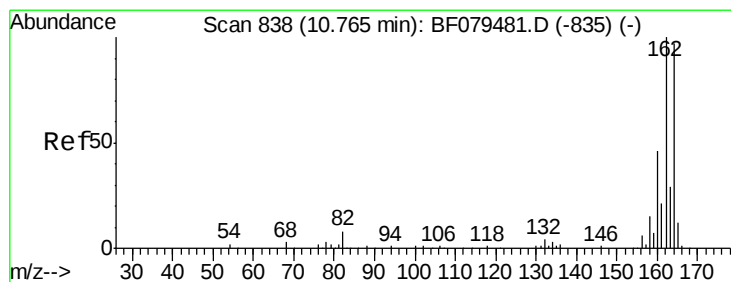
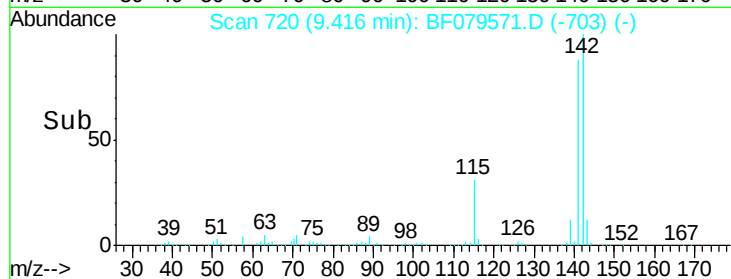
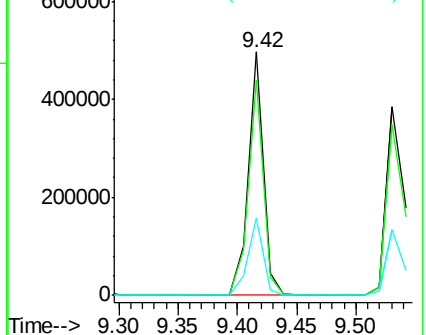
115 31.5 23.8 35.6



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: 10.70 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

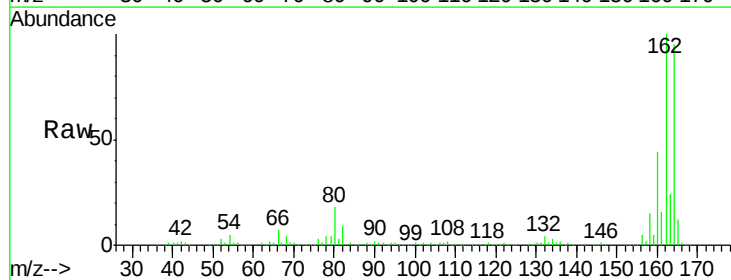
Tgt Ion:164 Resp: 215539

Ion Ratio Lower Upper

164 100

162 105.5 82.6 124.0

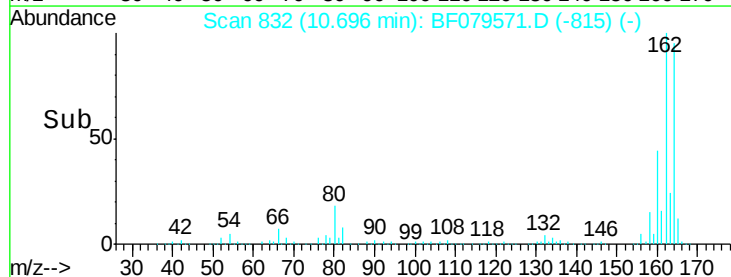
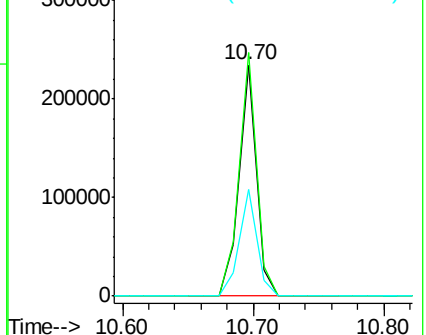
160 46.0 37.7 56.5

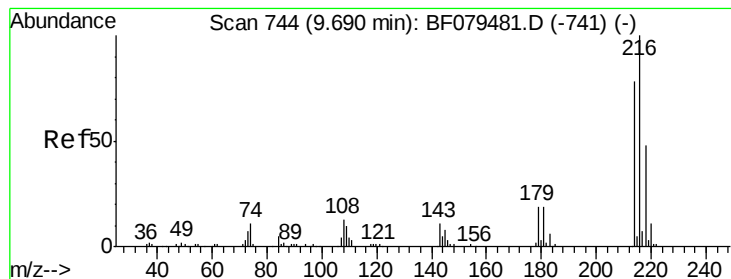


Abundance Ion 164.00 (163.70 to 164.70): E

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: 29.34 ng

RT: 9.62 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

Instrument :

BNA_F

ClientSampleId :

MW-05MS

Tgt Ion:216 Resp: 176884

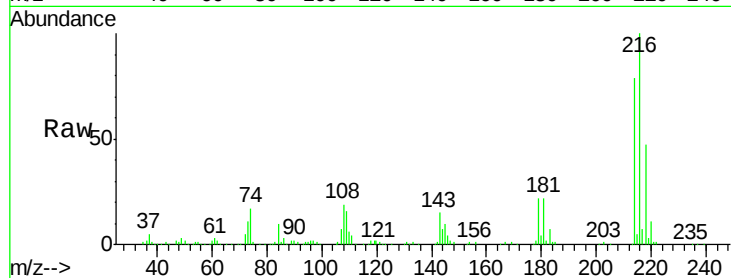
Ion Ratio Lower Upper

216 100

214 79.4 0.0 0.0#

179 22.1 0.0 0.0#

108 22.5 0.0 0.0#

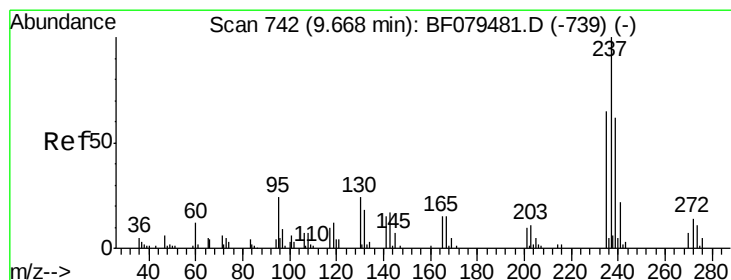
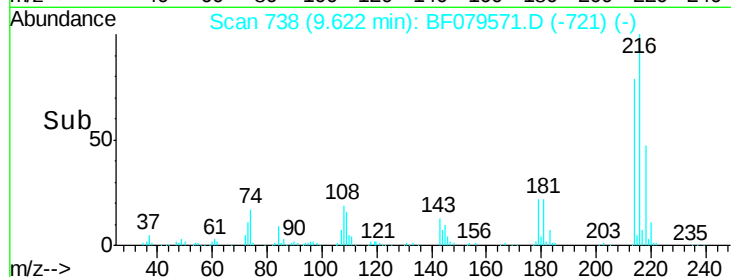
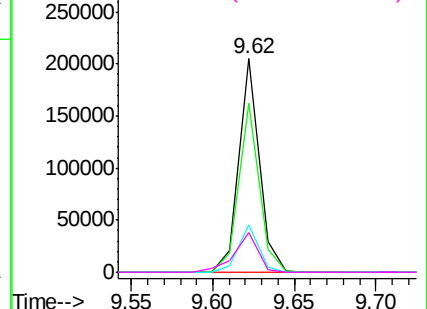


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 58.72 ng

RT: 9.61 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

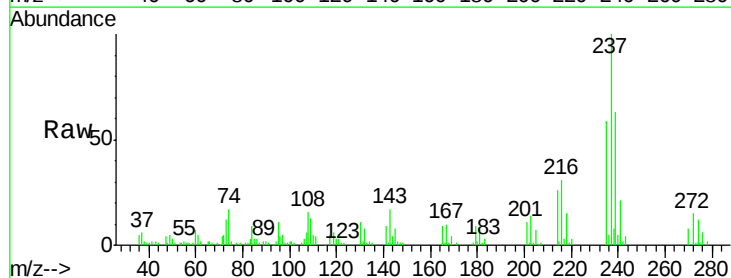
Tgt Ion:237 Resp: 92711

Ion Ratio Lower Upper

237 100

235 58.7 45.0 85.0

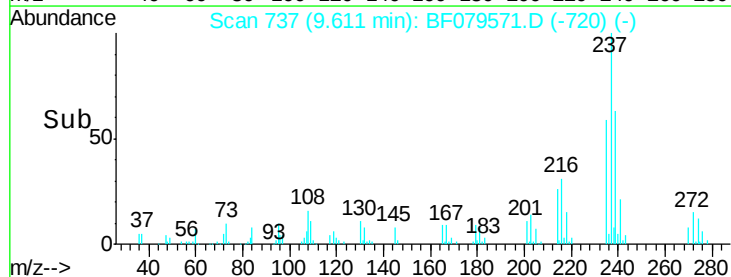
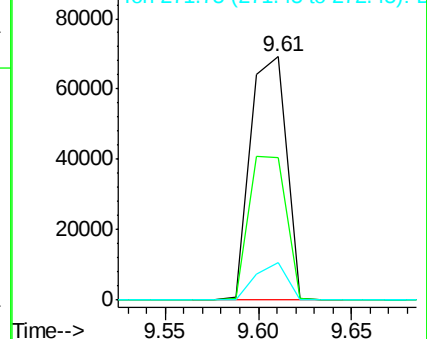
272 15.4 0.0 33.9

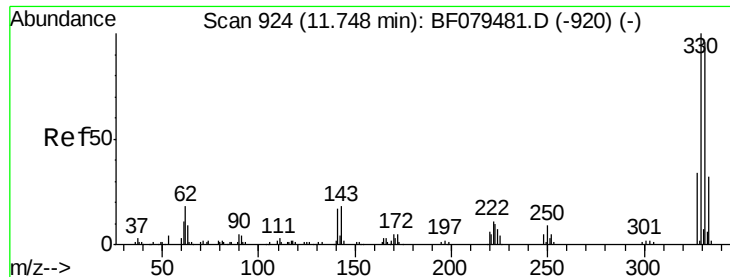


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

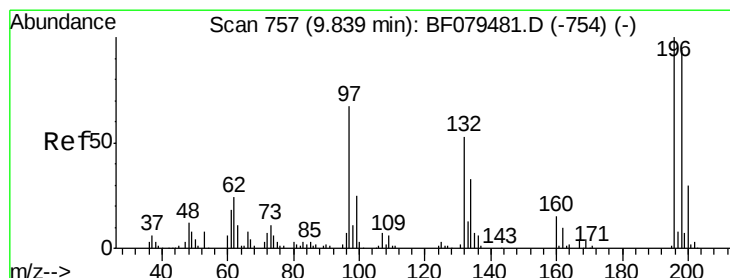
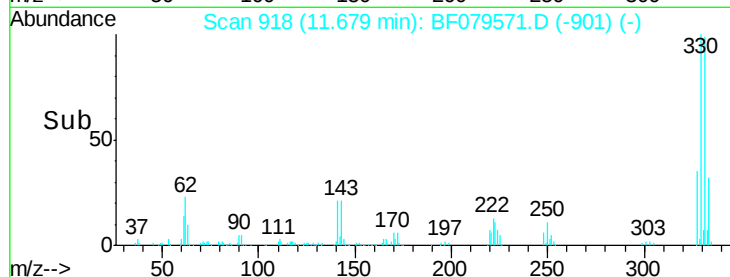
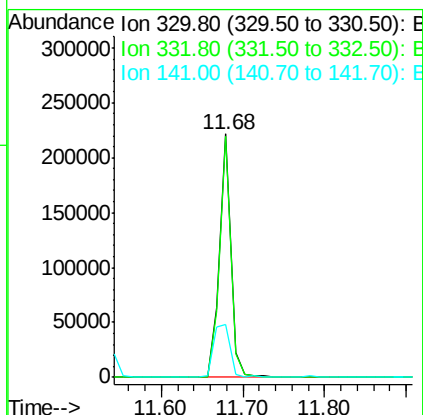
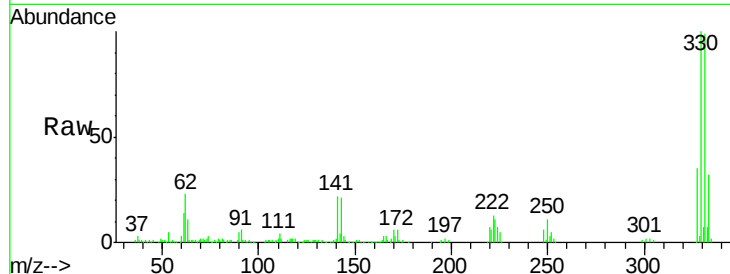




#41
 2,4,6-Tribromophenol
 Concen: 91.44 ng
 RT: 11.68 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: BF079571.D
 Acq: 29 May 2015 20:35

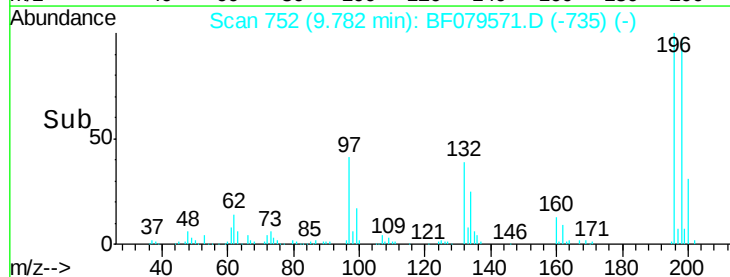
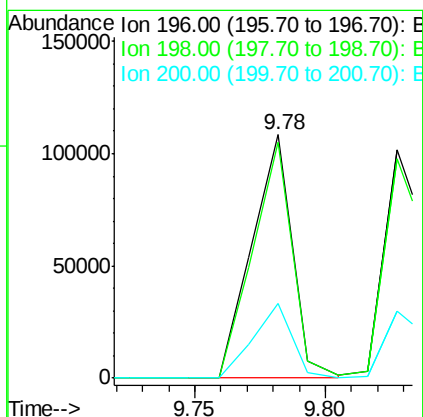
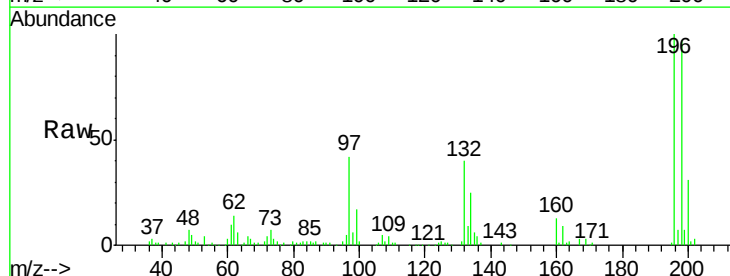
Instrument :
 BNA_F
 ClientSampled :
 MW-05MS

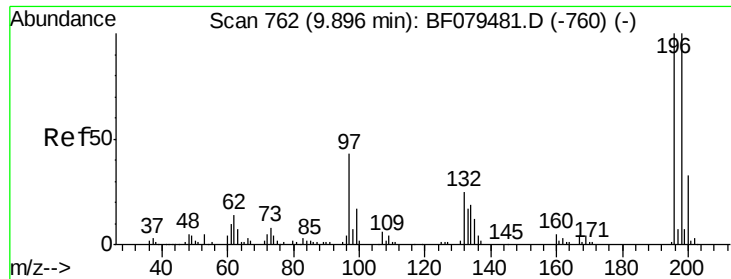
Tgt Ion:330 Resp: 216466
 Ion Ratio Lower Upper
 330 100
 332 97.7 0.0 0.0#
 141 31.6 0.0 0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 27.88 ng
 RT: 9.78 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF079571.D
 Acq: 29 May 2015 20:35

Tgt Ion:196 Resp: 117388
 Ion Ratio Lower Upper
 196 100
 198 97.1 75.3 112.9
 200 30.6 23.8 35.8

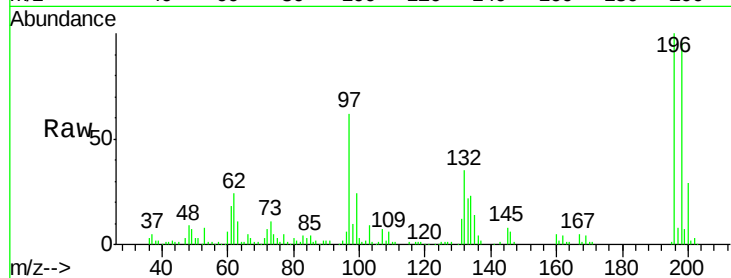




#43
 2,4,5-Trichlorophenol
 Concen: 29.51 ng
 RT: 9.83 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BF079571.D
 Acq: 29 May 2015 20:35

Instrument :
 BNA_F
 ClientSampleId :
 MW-05MS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.0	80.3	120.5
97	61.6	34.8	52.2
132	35.2	20.6	31.0



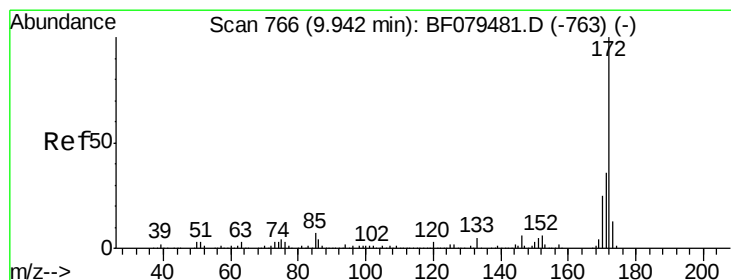
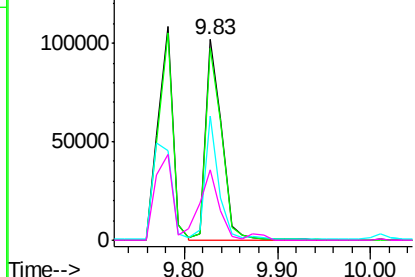
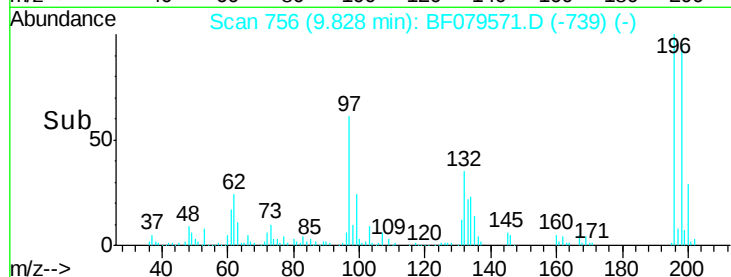
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

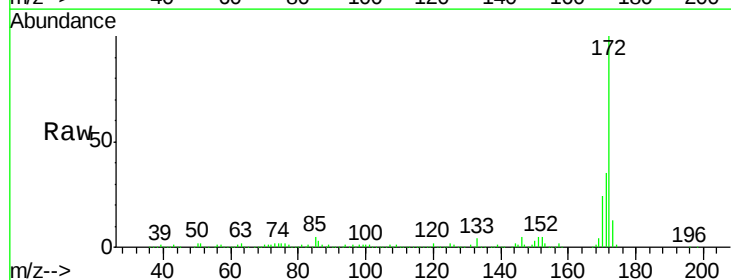
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 58.56 ng
 RT: 9.88 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF079571.D
 Acq: 29 May 2015 20:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.5	42.7
170	24.1	19.7	29.5

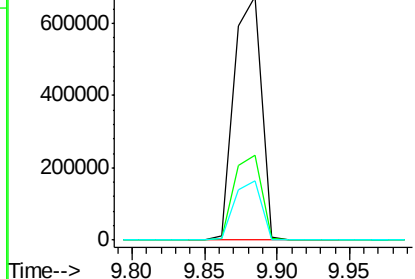
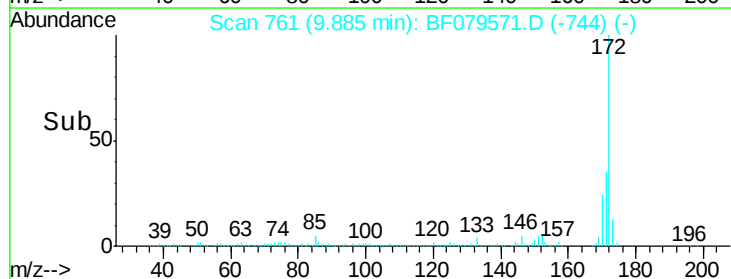


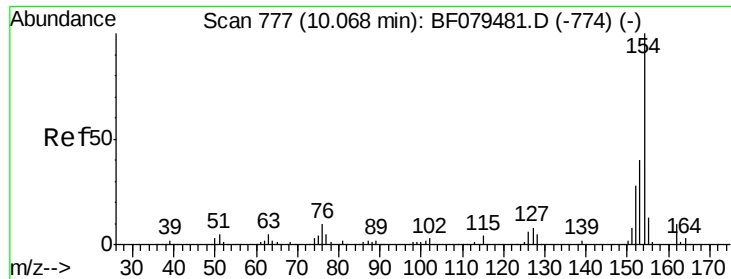
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

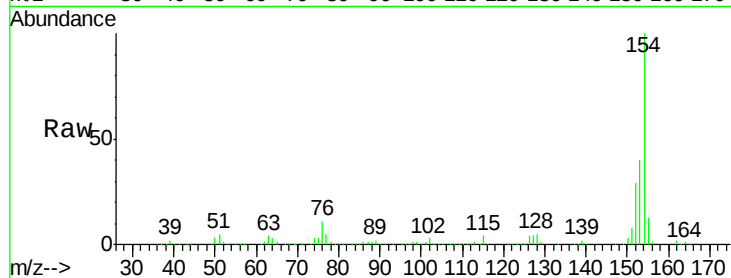




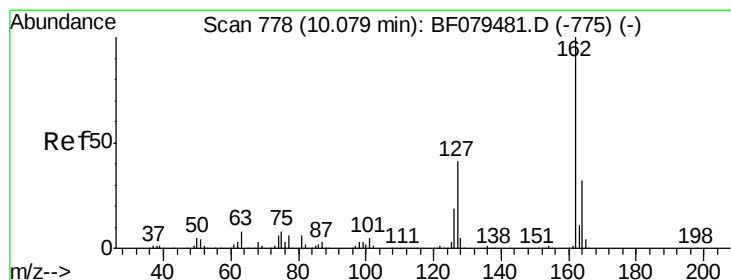
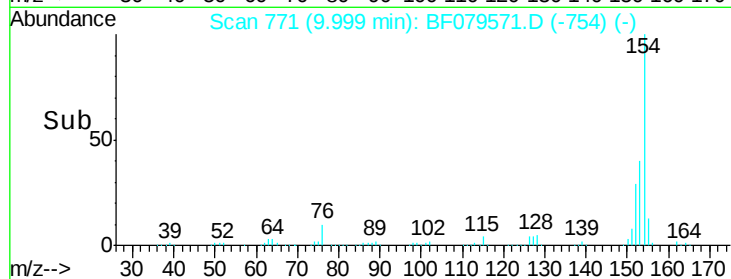
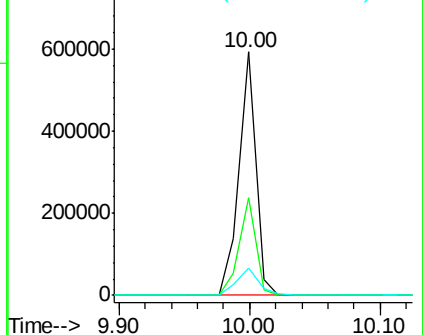
#45
 1,1'-Biphenyl
 Concen: 31.45 ng
 RT: 10.00 min Scan# 771
 Delta R.T. -0.00 min
 Lab File: BF079571.D
 Acq: 29 May 2015 20:35

Instrument :
 BNA_F
 ClientSampleId :
 MW-05MS

Tgt Ion:154 Resp: 529370
 Ion Ratio Lower Upper
 154 100
 153 40.3 19.5 59.5
 76 11.4 0.0 29.6

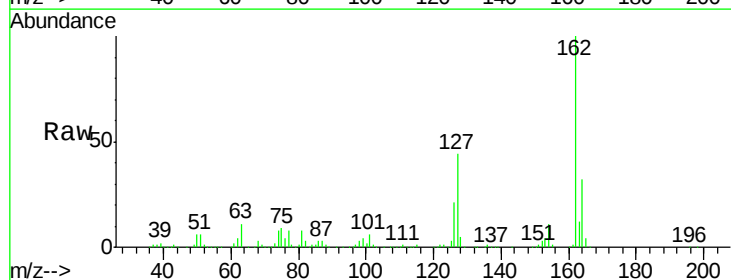


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

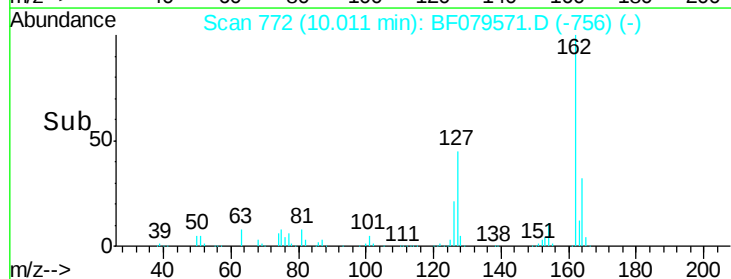
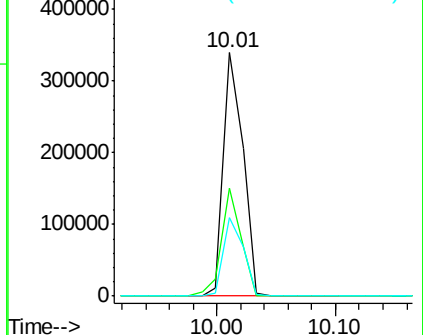


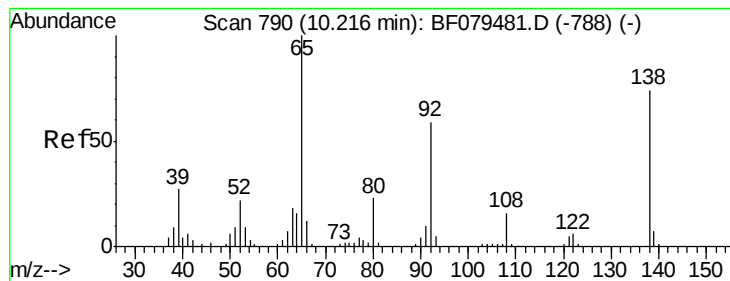
#46
 2-Chloronaphthalene
 Concen: 29.06 ng
 RT: 10.01 min Scan# 772
 Delta R.T. -0.01 min
 Lab File: BF079571.D
 Acq: 29 May 2015 20:35

Tgt Ion:162 Resp: 386407
 Ion Ratio Lower Upper
 162 100
 127 44.3 32.7 49.1
 164 32.3 25.8 38.6



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 28.77 ng

RT: 10.16 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

Instrument :

BNA_F

ClientSampleId :

MW-05MS

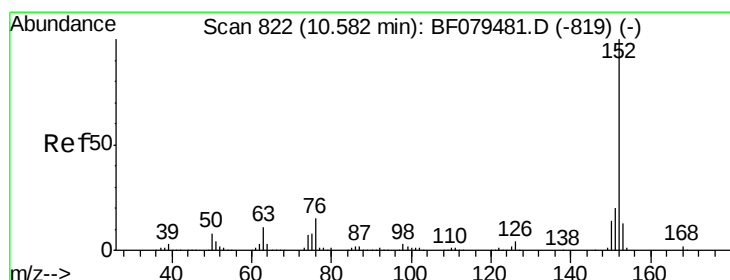
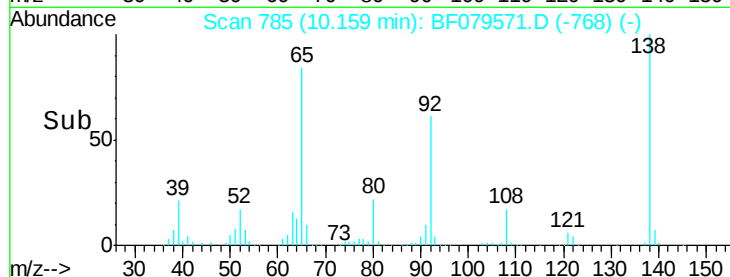
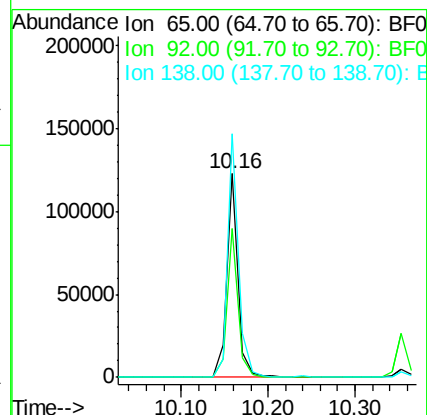
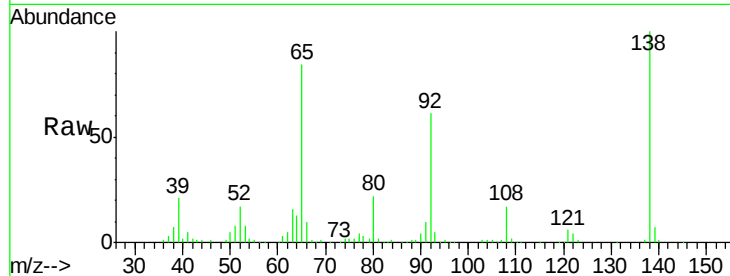
Tgt Ion: 65 Resp: 113726

Ion Ratio Lower Upper

65 100

92 73.0 47.2 70.8#

138 119.6 59.2 88.8#



#48

Acenaphthylene

Concen: 28.90 ng

RT: 10.52 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

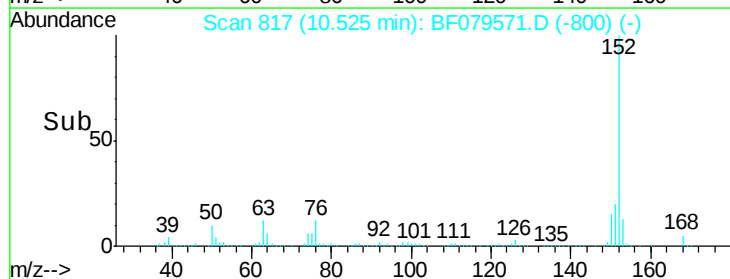
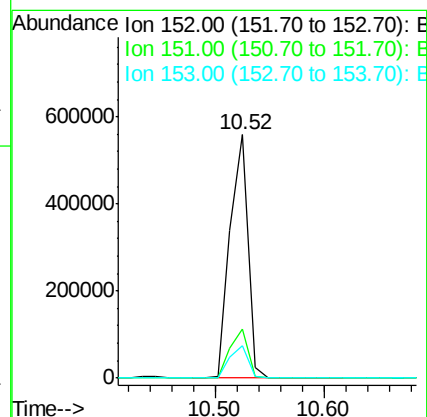
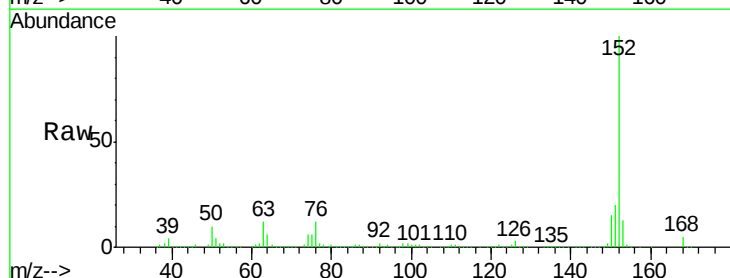
Tgt Ion: 152 Resp: 637794

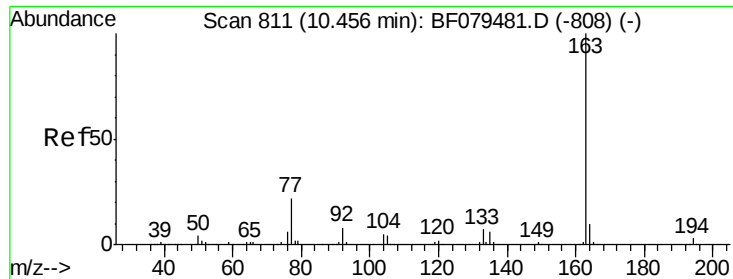
Ion Ratio Lower Upper

152 100

151 20.1 15.8 23.8

153 13.1 10.7 16.1

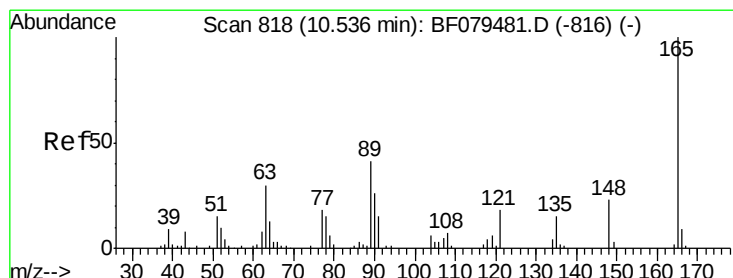
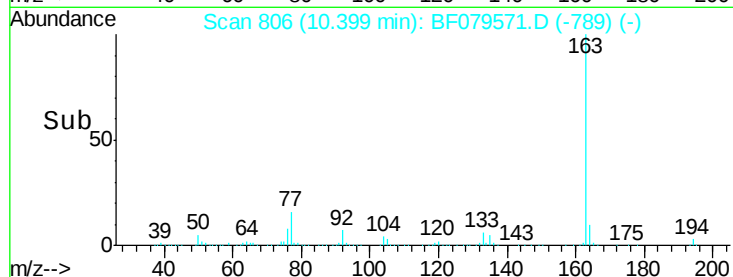
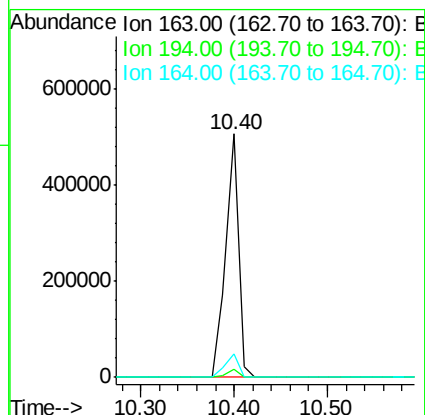
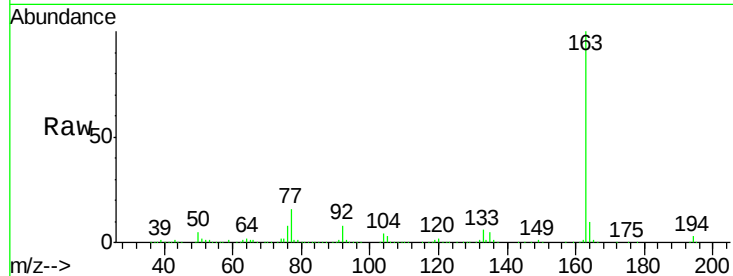




#49
Dimethylphthalate
Concen: 30.42 ng
RT: 10.40 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF079571.D
Acq: 29 May 2015 20:35

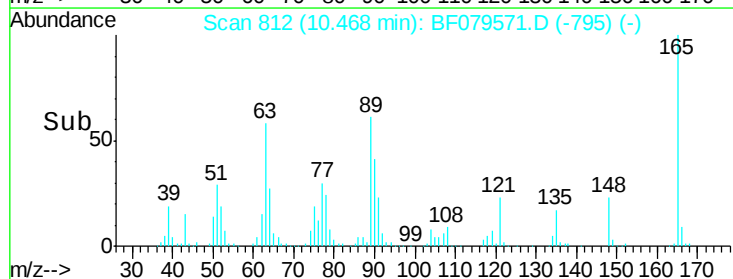
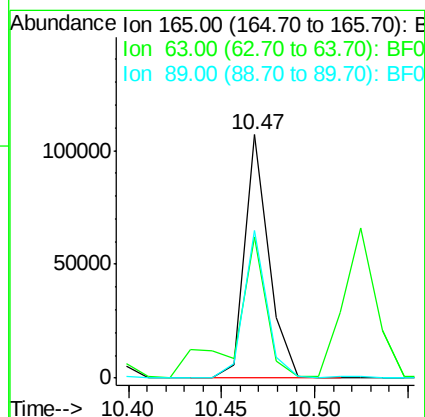
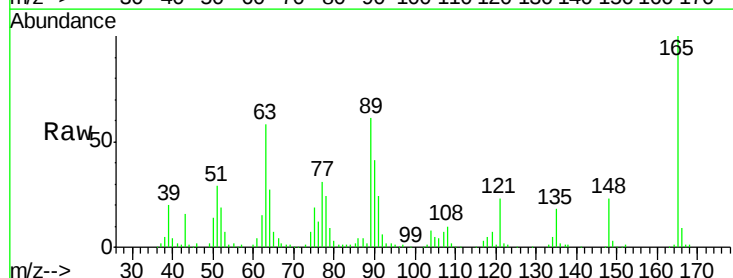
Instrument :
BNA_F
ClientSampleId :
MW-05MS

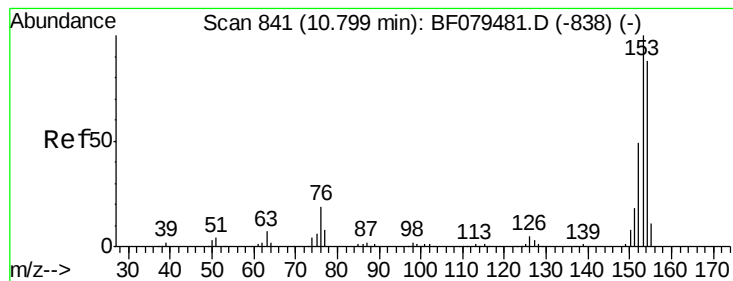
Tgt Ion:163 Resp: 483121
Ion Ratio Lower Upper
163 100
194 3.3 2.4 3.6
164 9.8 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 30.31 ng
RT: 10.47 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF079571.D
Acq: 29 May 2015 20:35

Tgt Ion:165 Resp: 96158
Ion Ratio Lower Upper
165 100
63 58.2 27.7 41.5#
89 60.6 33.7 50.5#





#51

Acenaphthene

Concen: 28.78 ng

RT: 10.73 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

Instrument :

BNA_F

ClientSampleId :

MW-05MS

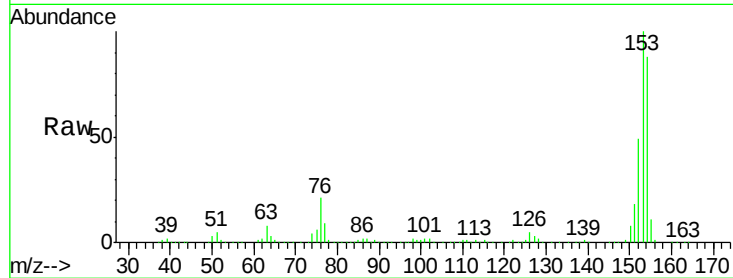
Tgt Ion:154 Resp: 363245

Ion Ratio Lower Upper

154 100

153 113.1 91.1 136.7

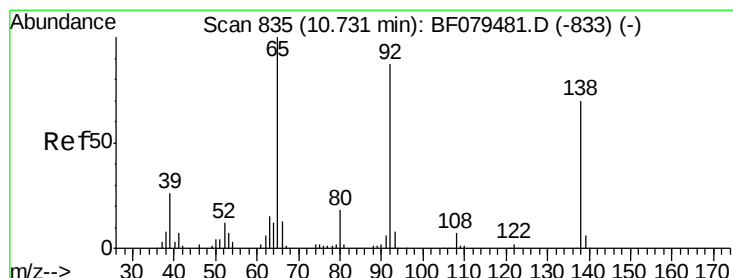
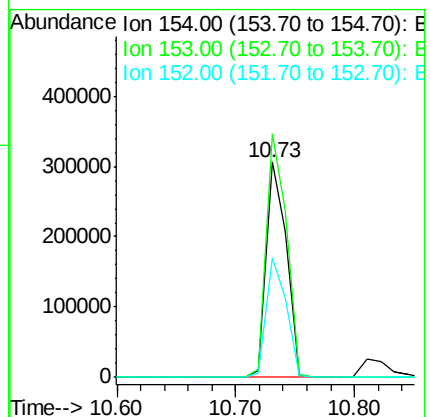
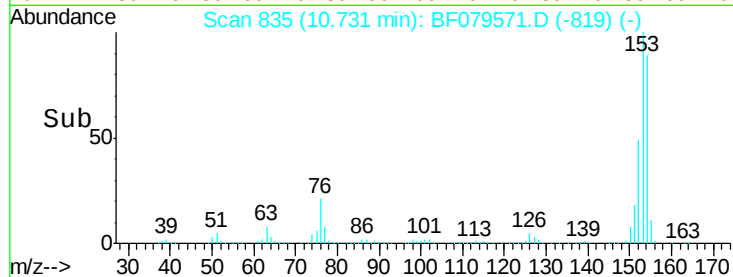
152 55.6 44.6 66.8



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: 14.26 ng

RT: 10.67 min Scan# 830

Delta R.T. -0.00 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

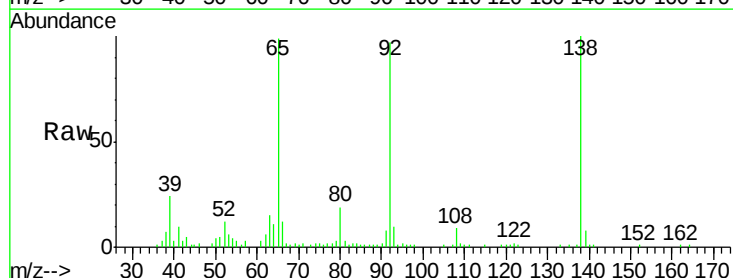
Tgt Ion:138 Resp: 58850

Ion Ratio Lower Upper

138 100

108 9.1 8.0 12.0

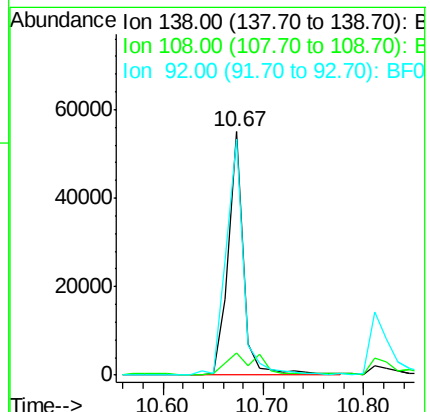
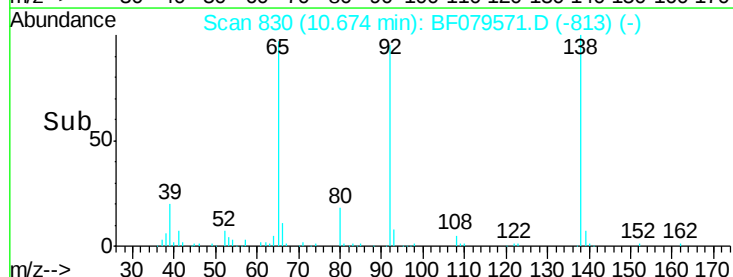
92 96.7 99.9 149.9#

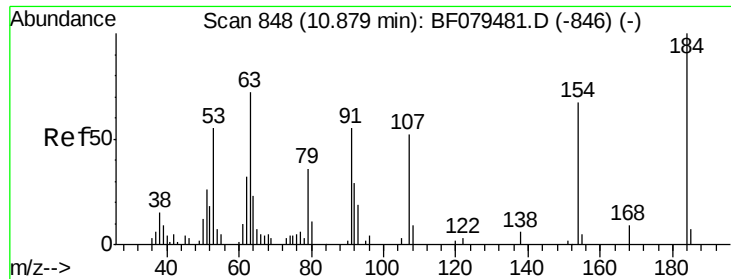


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

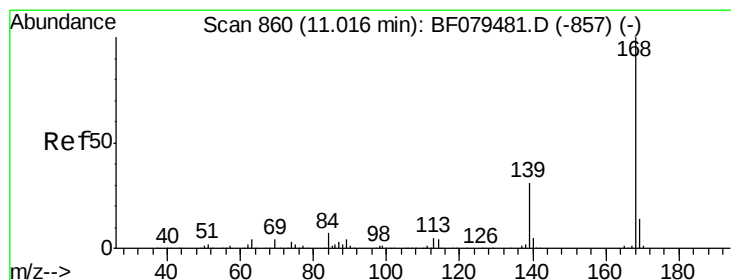
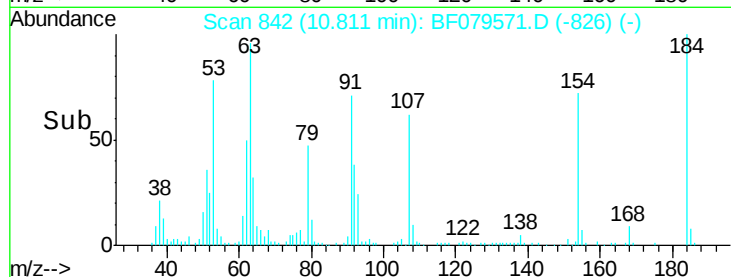
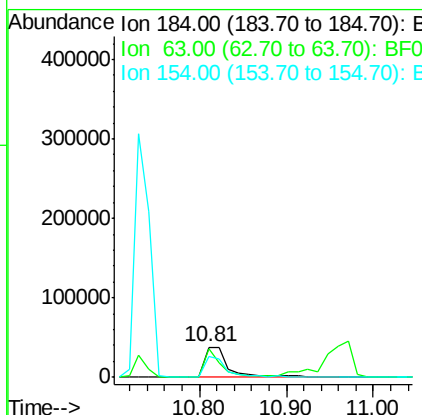
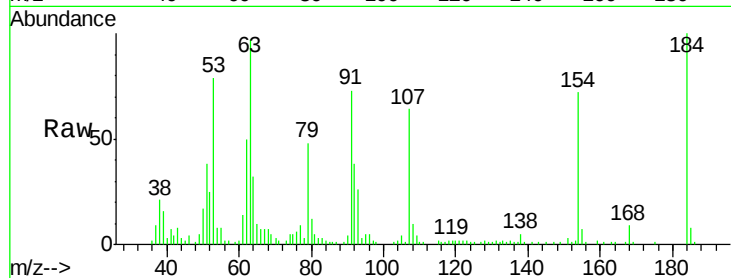




#53
 2,4-Dinitrophenol
 Concen: 62.43 ng
 RT: 10.81 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF079571.D
 Acq: 29 May 2015 20:35

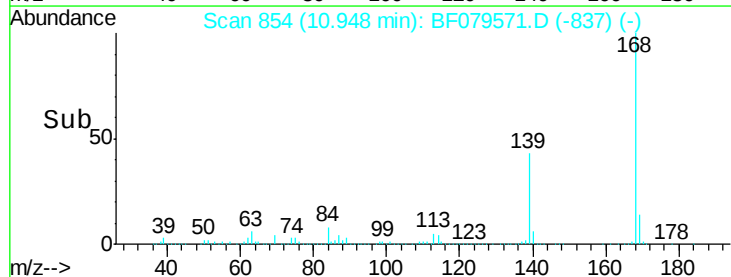
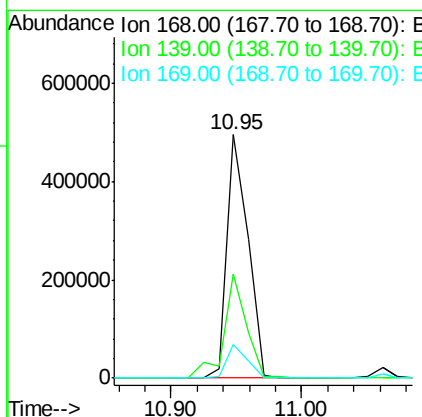
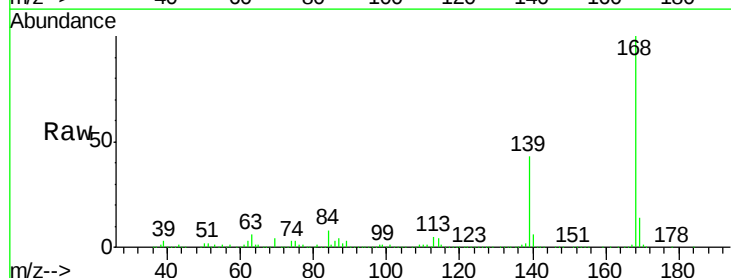
Instrument :
 BNA_F
 ClientSampleId :
 MW-05MS

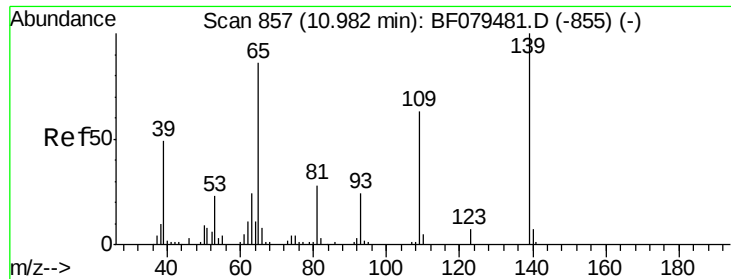
Tgt Ion:184 Resp: 73213
 Ion Ratio Lower Upper
 184 100
 63 96.5 57.7 86.5#
 154 71.7 53.4 80.2



#54
 Dibenzofuran
 Concen: 29.71 ng
 RT: 10.95 min Scan# 854
 Delta R.T. -0.00 min
 Lab File: BF079571.D
 Acq: 29 May 2015 20:35

Tgt Ion:168 Resp: 552930
 Ion Ratio Lower Upper
 168 100
 139 42.6 32.9 49.3
 169 13.9 11.1 16.7





#55

4-Nitrophenol

Concen: 112.60 ng

RT: 10.95 min Scan# 854

Delta R.T. 0.03 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

Instrument :

BNA_F

ClientSampleId :

MW-05MS

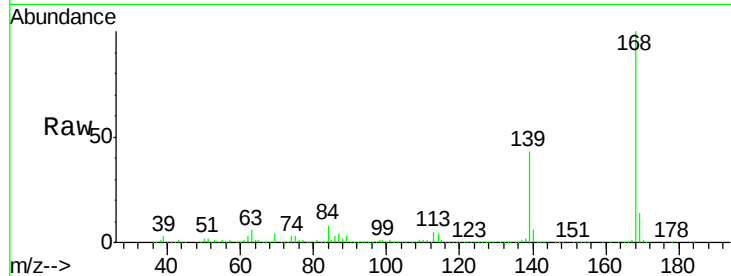
Tgt Ion:139 Resp: 257690

Ion Ratio Lower Upper

139 100

109 2.8 42.8 82.8#

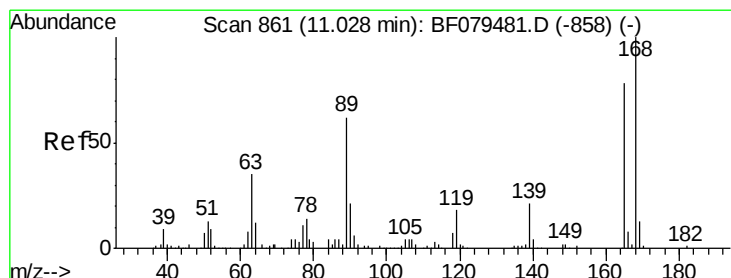
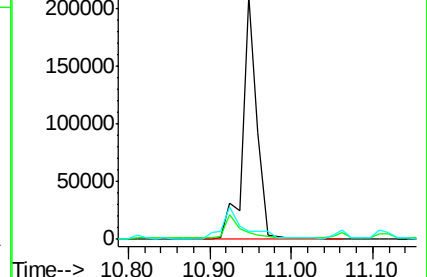
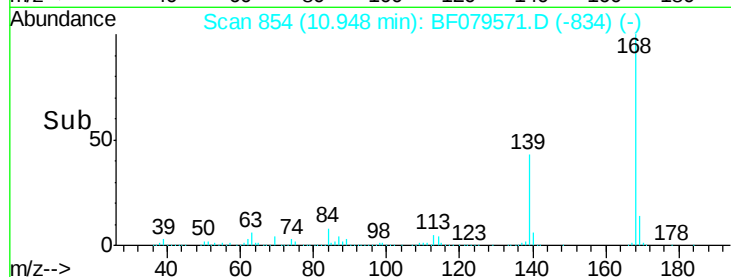
65 3.4 66.3 106.3#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 31.01 ng

RT: 10.97 min Scan# 856

Delta R.T. -0.00 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

Tgt Ion:165 Resp: 131974

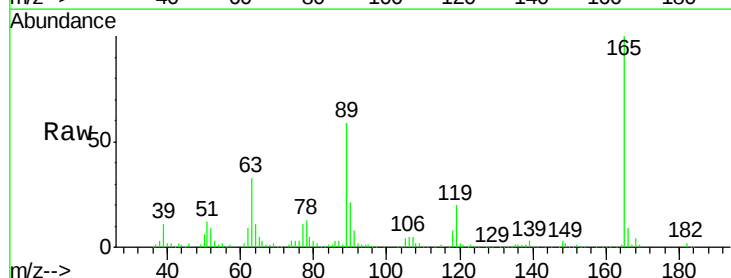
Ion Ratio Lower Upper

165 100

63 32.7 39.5 59.3#

89 58.7 64.2 96.4#

182 2.2 1.5 2.3

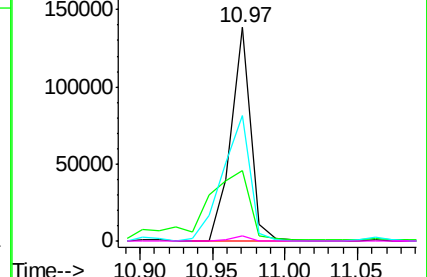
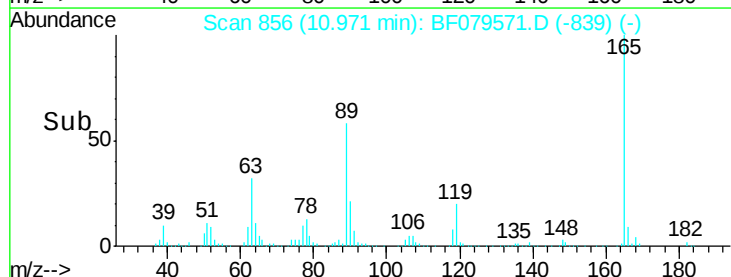


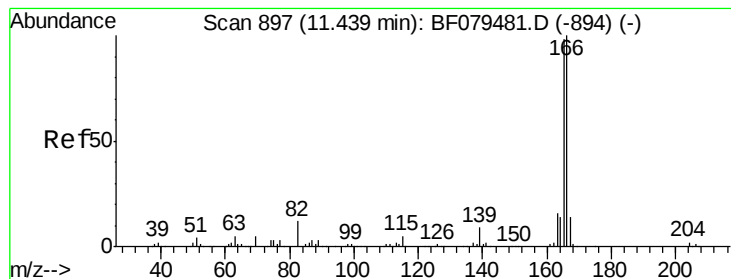
Abundance Ion 165.00 (164.70 to 165.70): E

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: 29.15 ng

RT: 11.37 min Scan# 891

Delta R.T. -0.00 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

Instrument :

BNA_F

ClientSampleId :

MW-05MS

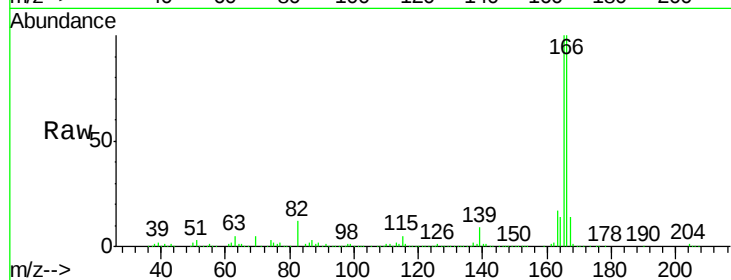
Tgt Ion:166 Resp: 447227

Ion Ratio Lower Upper

166 100

165 99.7 78.6 117.8

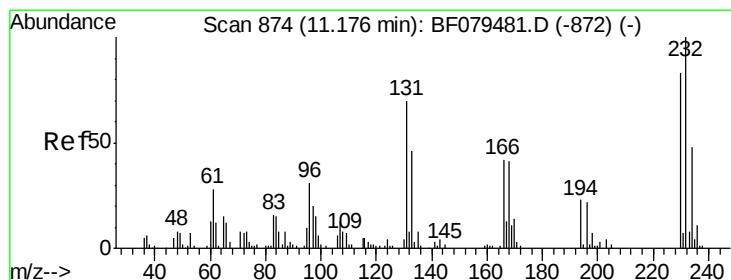
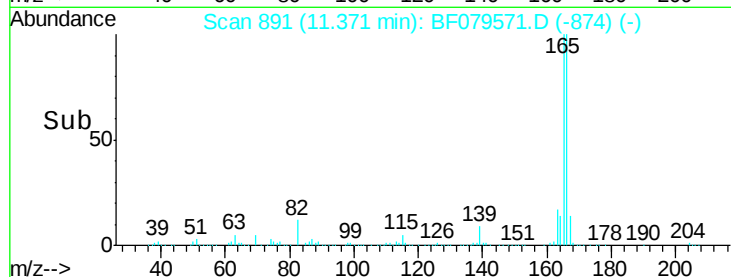
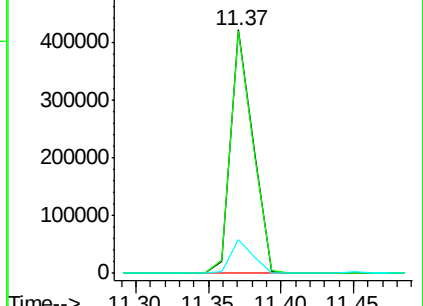
167 14.0 10.8 16.2



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: 30.39 ng

RT: 11.12 min Scan# 869

Delta R.T. -0.00 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

Tgt Ion:232 Resp: 92677

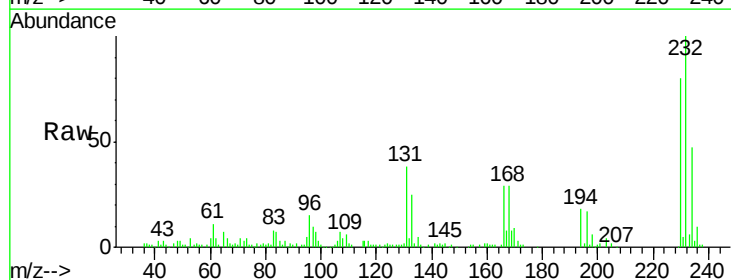
Ion Ratio Lower Upper

232 100

131 48.0 0.0 0.0#

130 3.7 0.0 0.0#

166 33.6 0.0 0.0#

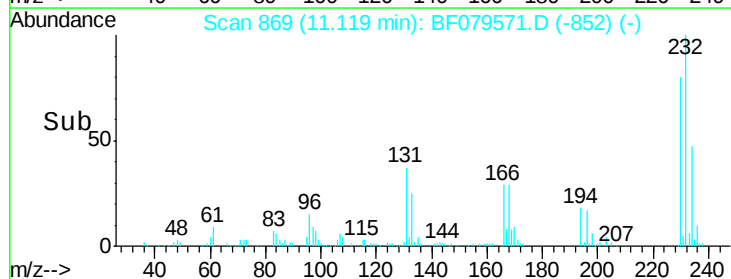
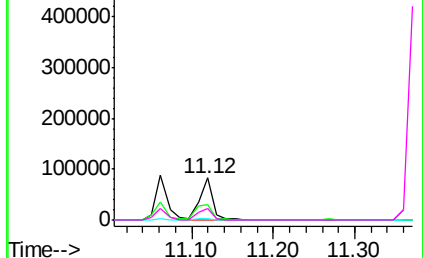


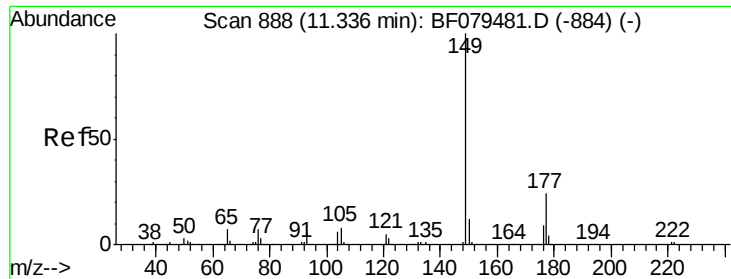
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

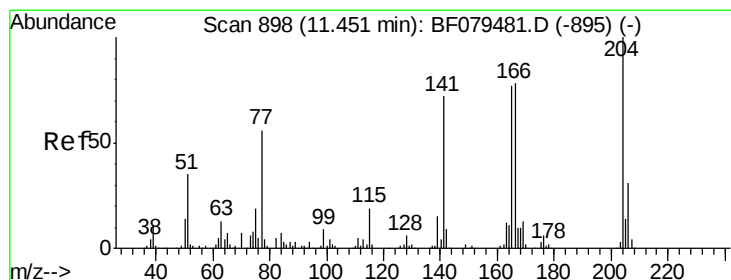
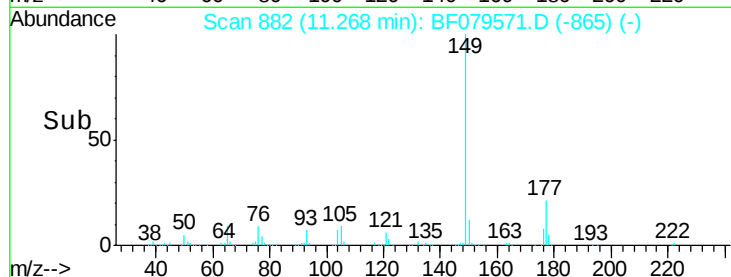
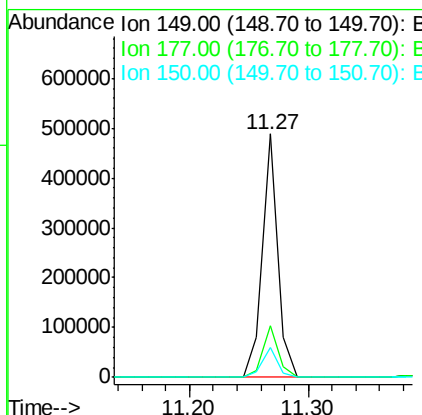
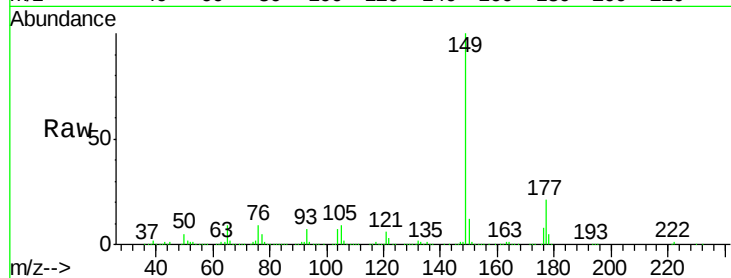




#59
Diethylphthalate
Concen: 28.93 ng
RT: 11.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF079571.D
Acq: 29 May 2015 20:35

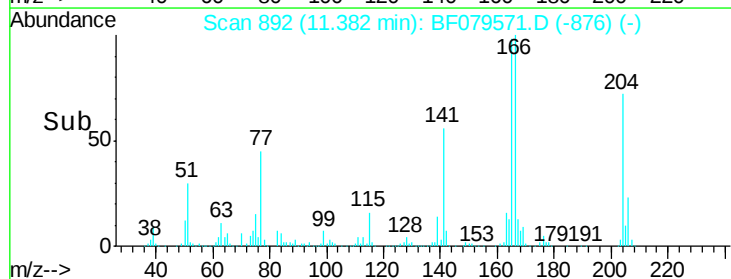
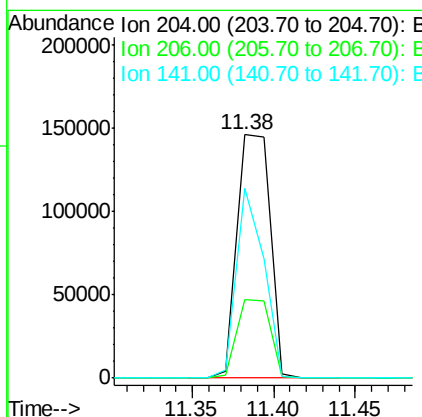
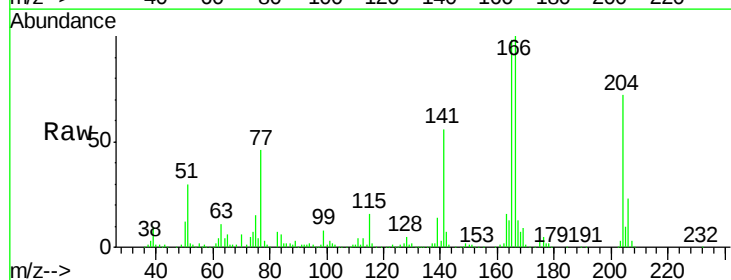
Instrument :
BNA_F
ClientSampleId :
MW-05MS

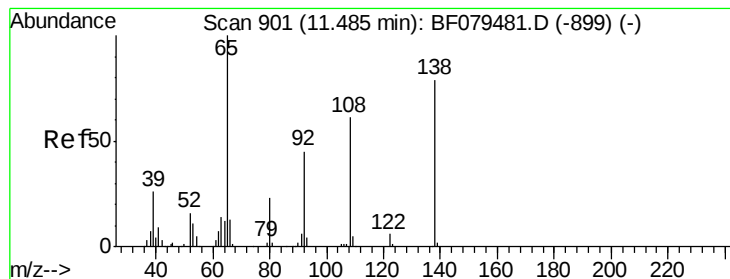
Tgt Ion:149 Resp: 449732
Ion Ratio Lower Upper
149 100
177 21.2 18.9 28.3
150 12.3 9.8 14.6



#60
4-Chlorophenyl-phenylether
Concen: 30.82 ng
RT: 11.38 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF079571.D
Acq: 29 May 2015 20:35

Tgt Ion:204 Resp: 204296
Ion Ratio Lower Upper
204 100
206 32.2 25.0 37.4
141 77.8 57.4 86.2





#61

4-Nitroaniline

Concen: 21.23 ng

RT: 11.43 min Scan# 896

Delta R.T. -0.00 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

Instrument :

BNA_F

ClientSampleId :

MW-05MS

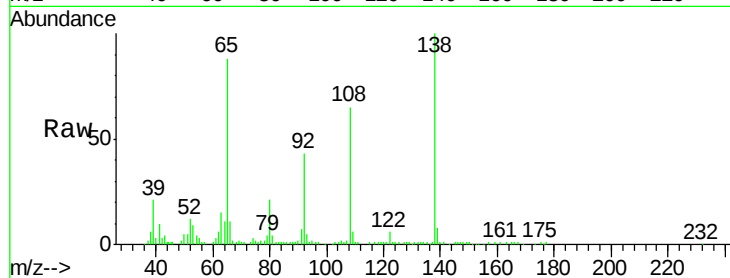
Tgt Ion:138 Resp: 81615

Ion Ratio Lower Upper

138 100

92 43.2 37.2 77.2

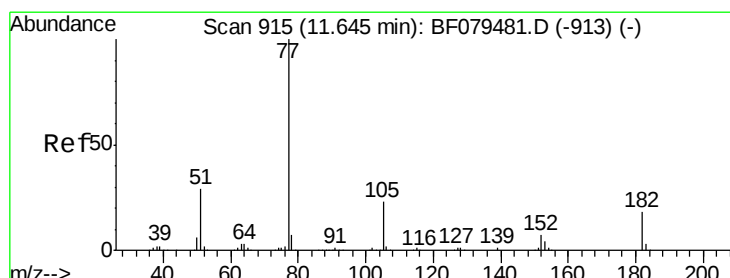
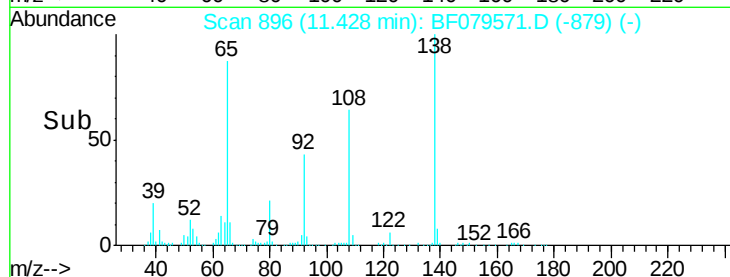
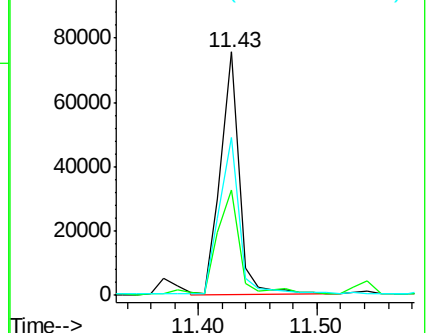
108 64.9 57.0 97.0



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: 31.10 ng

RT: 11.58 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

Tgt Ion: 77 Resp: 470314

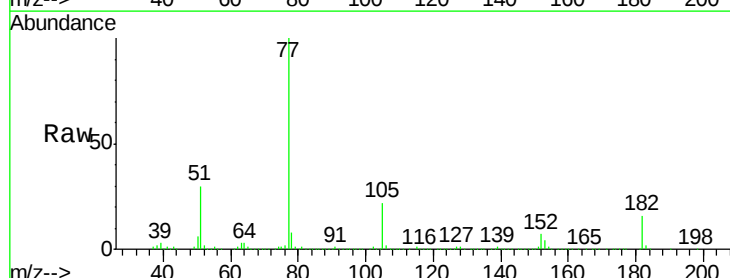
Ion Ratio Lower Upper

77 100

182 15.7 0.0 37.7

105 21.6 2.7 42.7

51 30.3 8.9 48.9

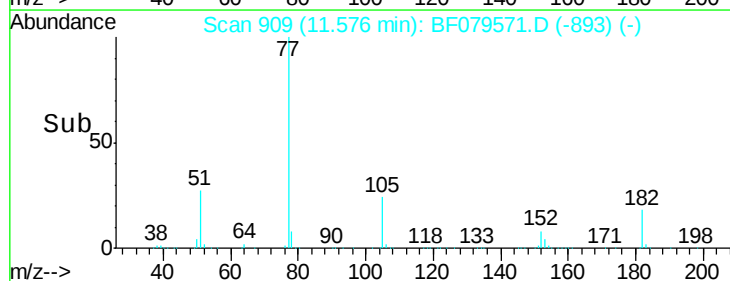
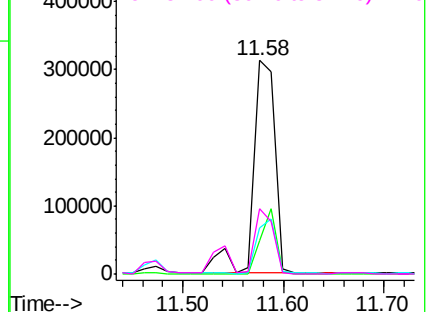


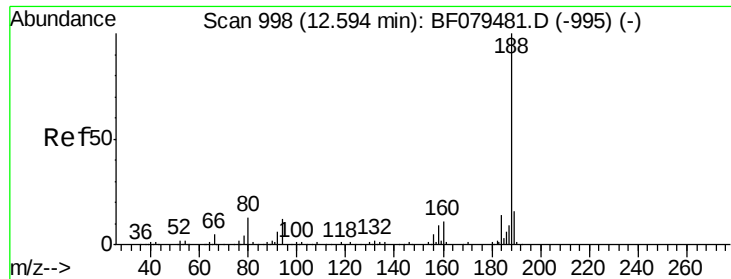
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

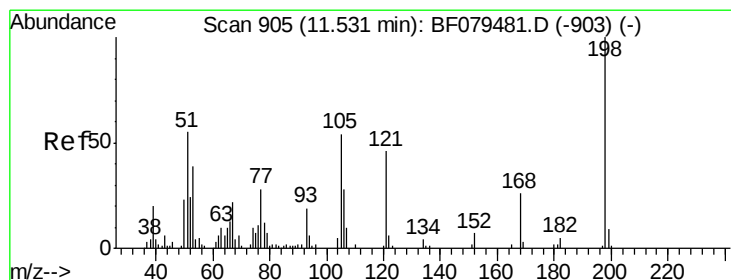
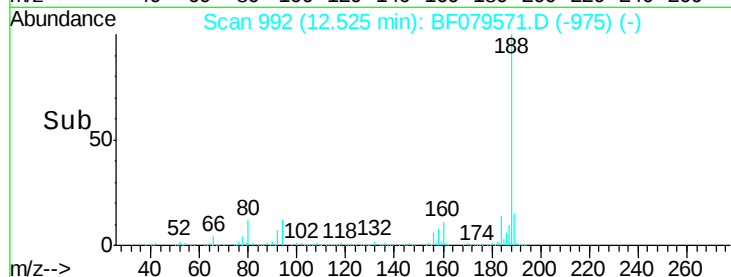
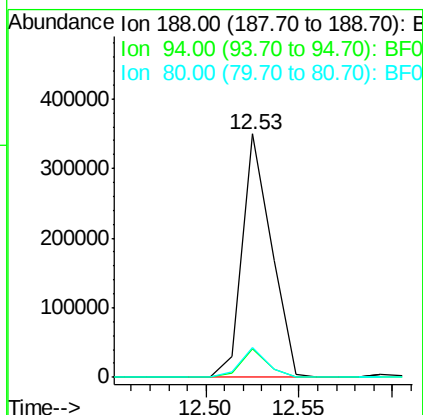
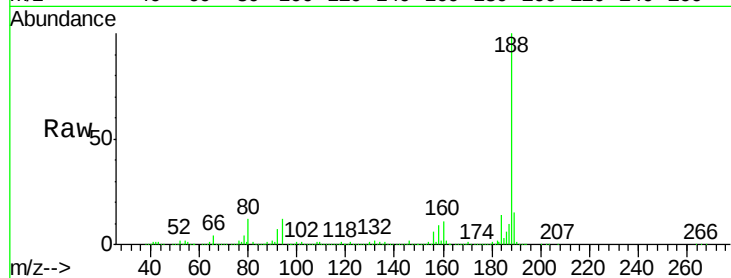




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.53 min Scan# 992
Delta R.T. -0.00 min
Lab File: BF079571.D
Acq: 29 May 2015 20:35

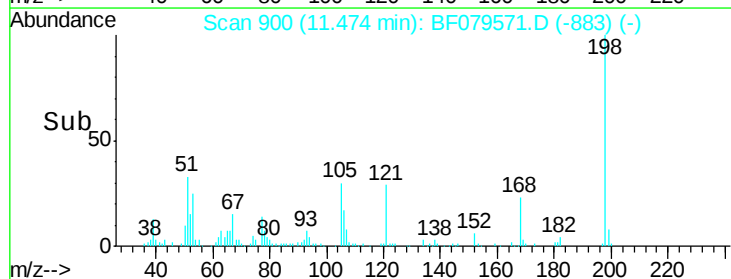
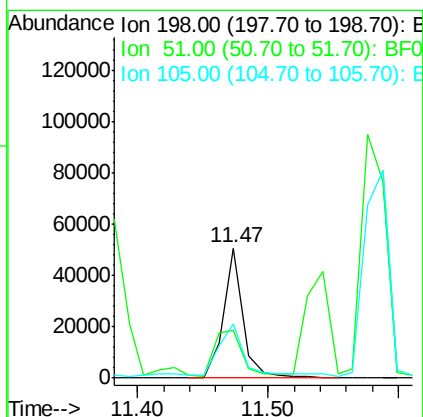
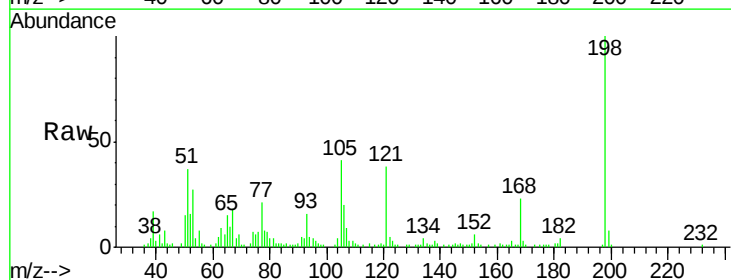
Instrument :
BNA_F
ClientSampleId :
MW-05MS

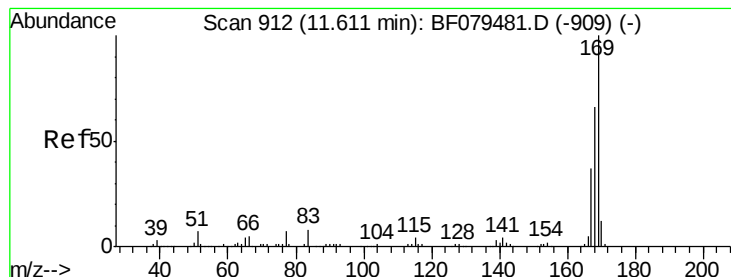
Tgt Ion:188 Resp: 378823
Ion Ratio Lower Upper
188 100
94 11.7 9.8 14.6
80 12.1 10.5 15.7



#64
4,6-Dinitro-2-methylphenol
Concen: 30.82 ng
RT: 11.47 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF079571.D
Acq: 29 May 2015 20:35

Tgt Ion:198 Resp: 53417
Ion Ratio Lower Upper
198 100
51 36.9 36.0 76.0
105 41.4 34.1 74.1





#65

n-Nitrosodiphenylamine

Concen: 31.13 ng

RT: 11.54 min Scan# 906

Delta R.T. -0.00 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

Instrument :

BNA_F

ClientSampleId :

MW-05MS

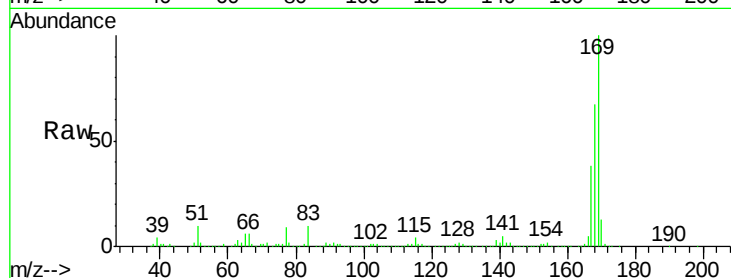
Tgt Ion:169 Resp: 391633

Ion Ratio Lower Upper

169 100

168 66.9 53.1 79.7

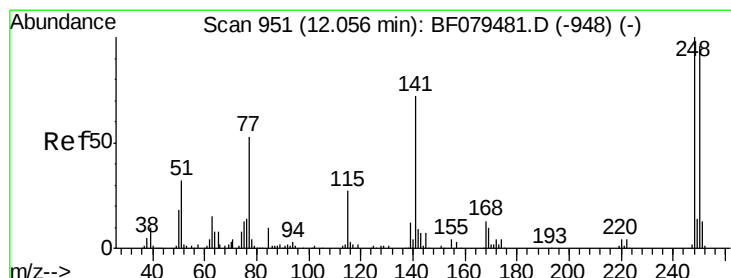
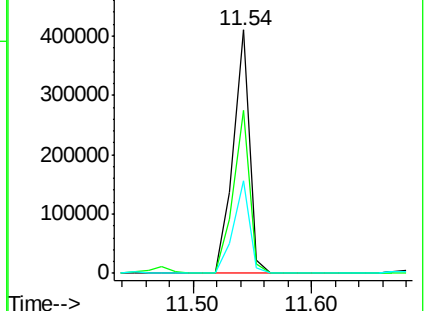
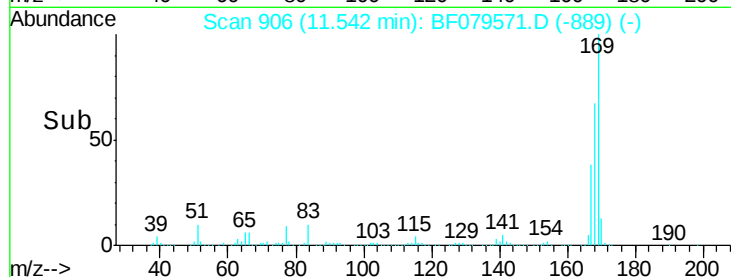
167 37.8 29.9 44.9



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: 32.36 ng

RT: 11.99 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

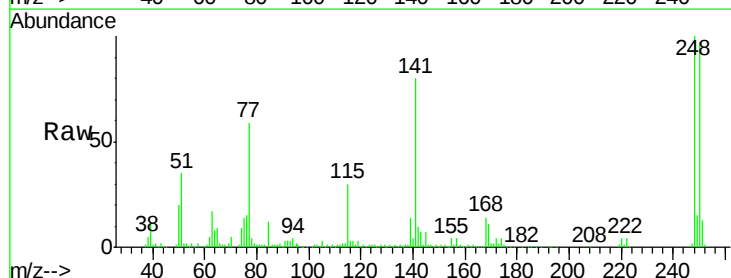
Tgt Ion:248 Resp: 126215

Ion Ratio Lower Upper

248 100

250 97.3 76.8 115.2

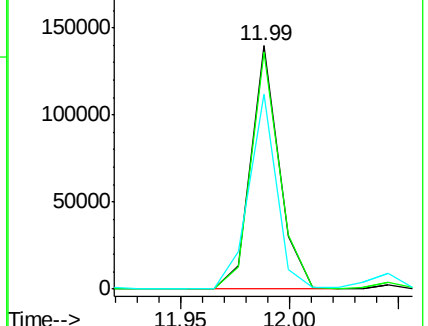
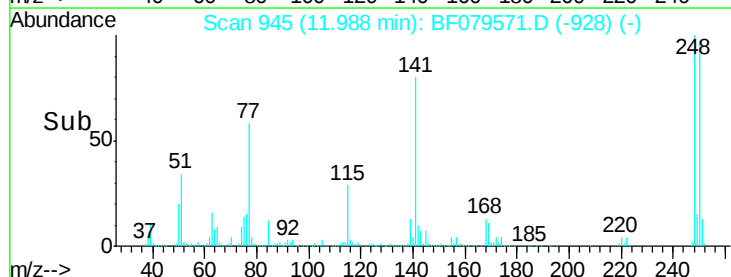
141 80.0 57.7 86.5



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

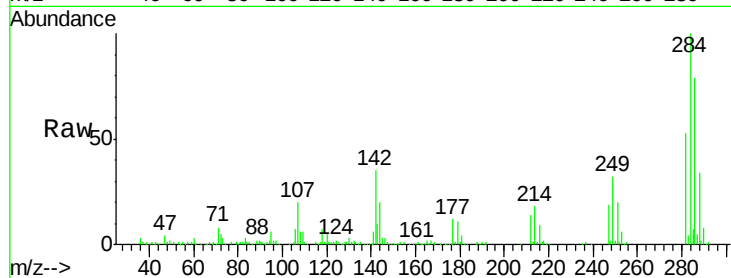




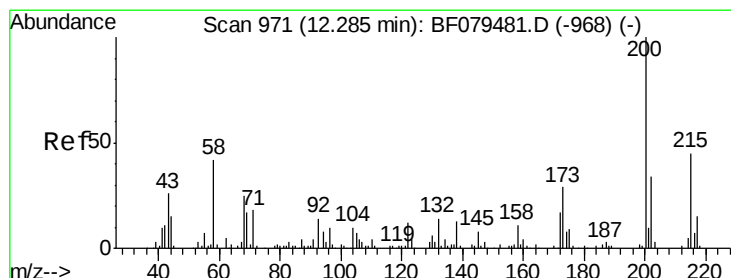
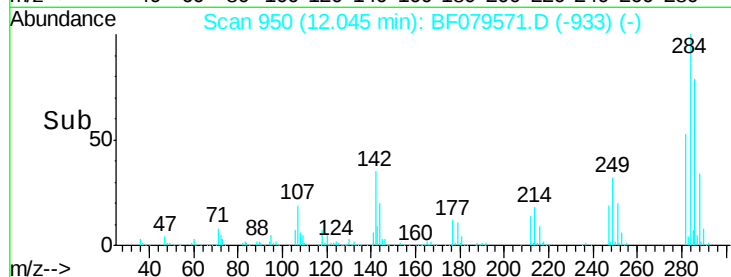
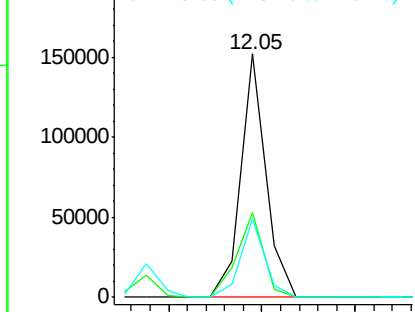
#67
Hexachlorobenzene
Concen: 31.93 ng
RT: 12.05 min Scan# 950
Delta R.T. -0.00 min
Lab File: BF079571.D
Acq: 29 May 2015 20:35

Instrument :
BNA_F
ClientSampleId :
MW-05MS

Tgt Ion: 284 Resp: 142011
Ion Ratio Lower Upper
284 100
142 35.0 26.2 39.2
249 32.1 24.3 36.5

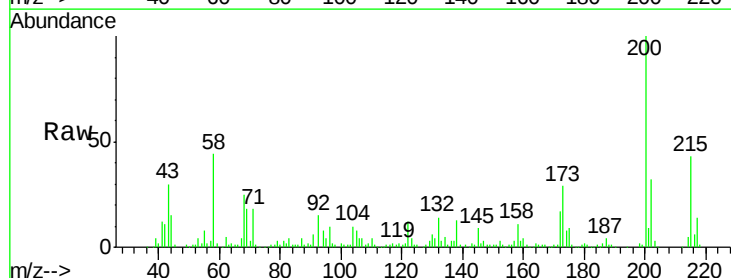


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

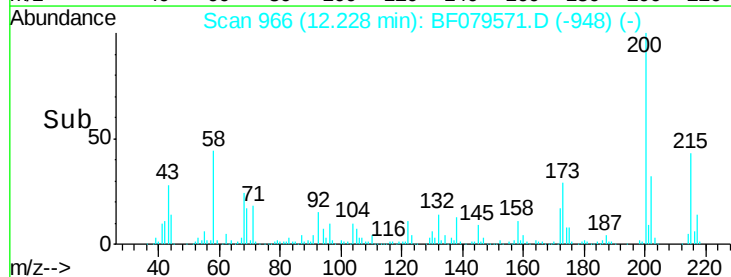
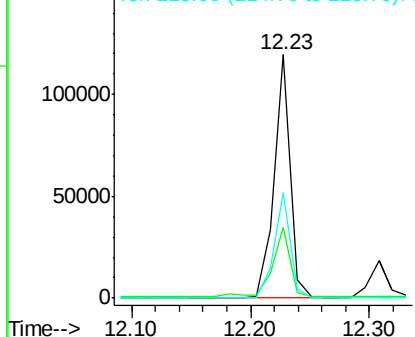


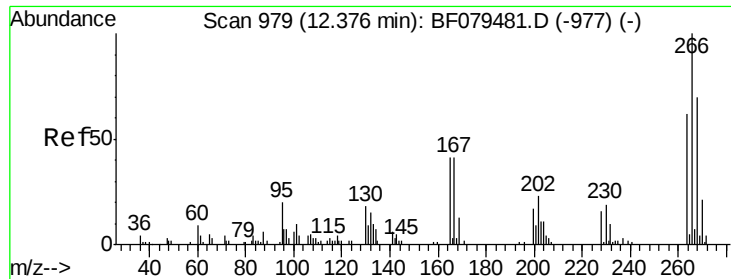
#68
Atrazine
Concen: 33.27 ng
RT: 12.23 min Scan# 966
Delta R.T. 0.01 min
Lab File: BF079571.D
Acq: 29 May 2015 20:35

Tgt Ion: 200 Resp: 113087
Ion Ratio Lower Upper
200 100
173 29.2 9.4 49.4
215 43.5 25.3 65.3



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

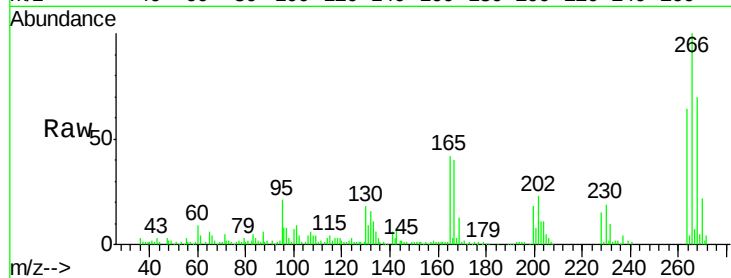




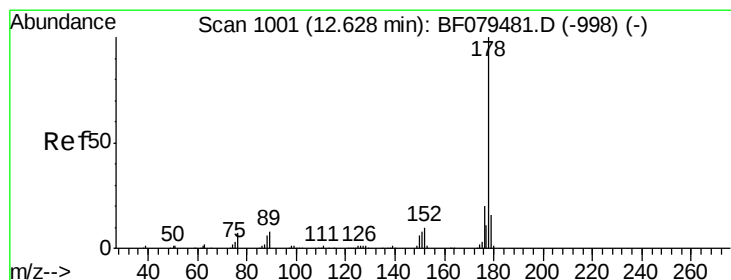
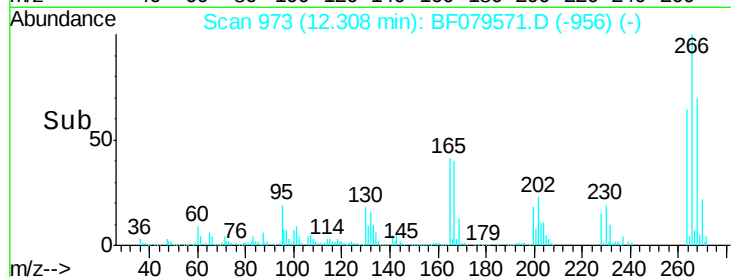
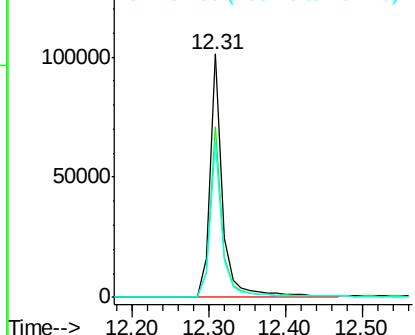
#69
 Pentachlorophenol
 Concen: 68.06 ng
 RT: 12.31 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: BF079571.D
 Acq: 29 May 2015 20:35

Instrument :
 BNA_F
 ClientSampleId :
 MW-05MS

Tgt Ion: 266 Resp: 115966
 Ion Ratio Lower Upper
 266 100
 268 69.9 56.1 84.1
 264 63.6 50.0 75.0

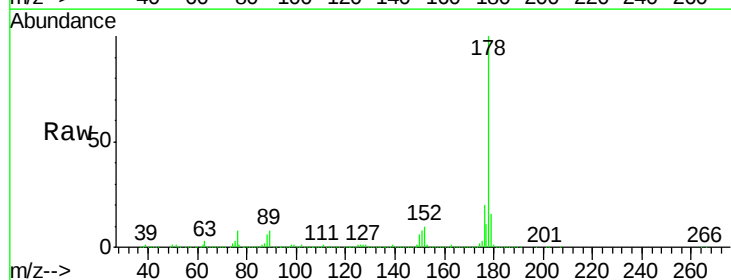


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

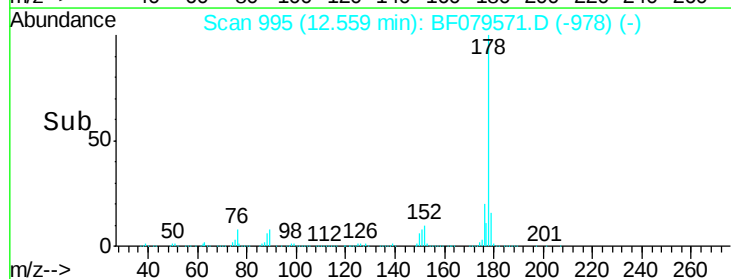
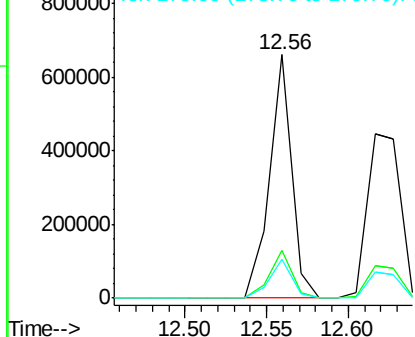


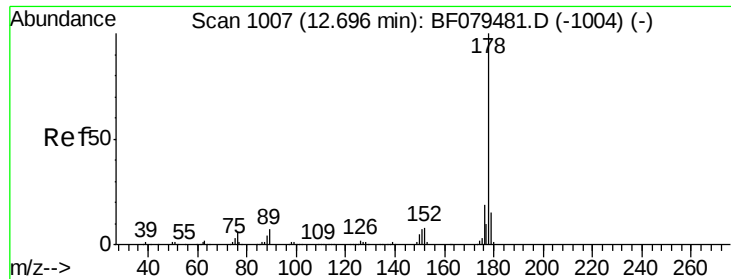
#70
 Phenanthrene
 Concen: 30.28 ng
 RT: 12.56 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: BF079571.D
 Acq: 29 May 2015 20:35

Tgt Ion: 178 Resp: 629275
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.7 23.5
 179 15.7 12.4 18.6



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

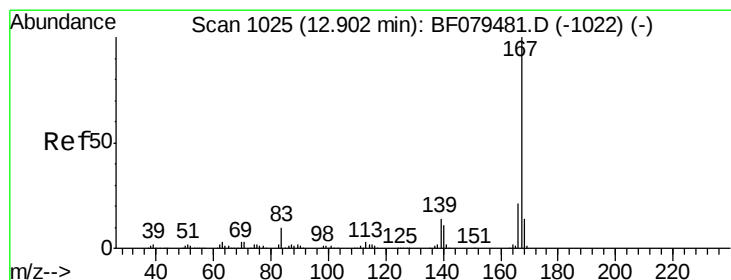
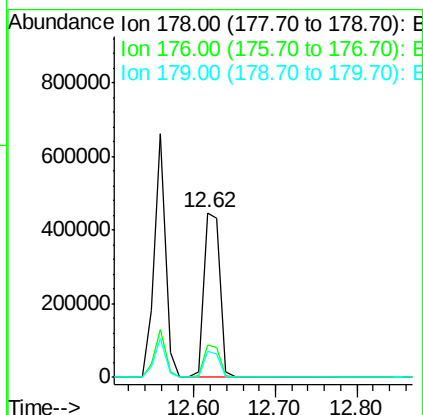
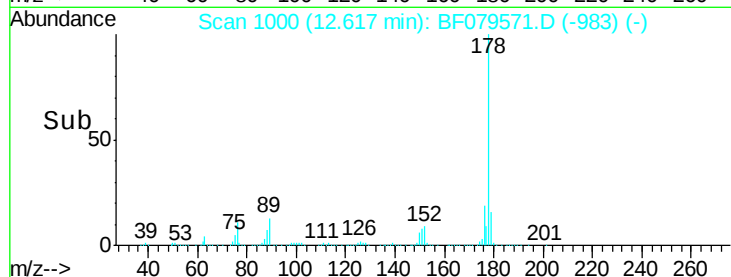
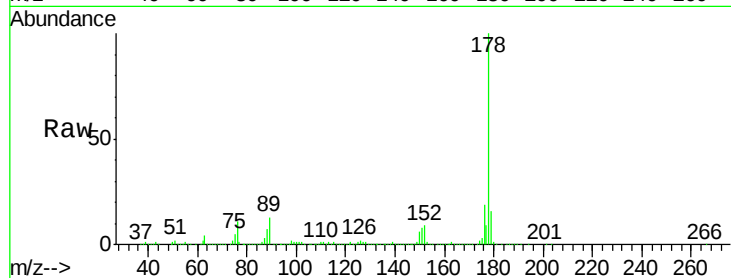




#71
 Anthracene
 Concen: 29.77 ng
 RT: 12.62 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: BF079571.D
 Acq: 29 May 2015 20:35

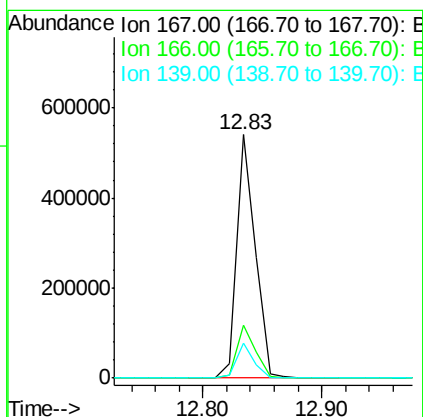
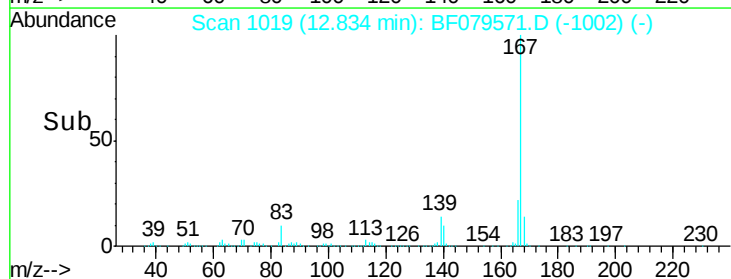
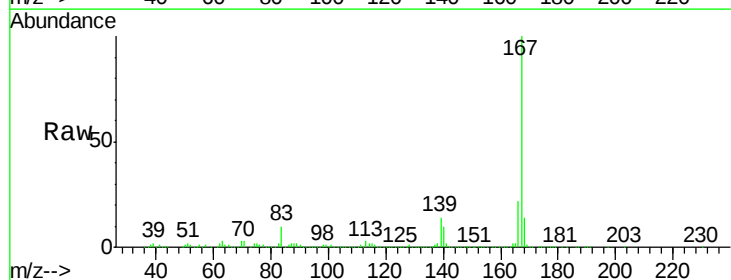
Instrument :
 BNA_F
 ClientSampleId :
 MW-05MS

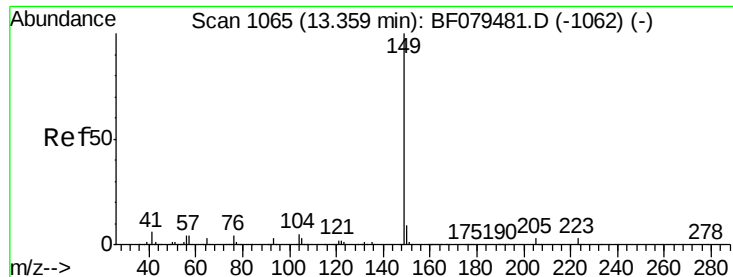
Tgt Ion:178 Resp: 628231
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.3 22.9
 179 15.9 12.2 18.4



#72
 Carbazole
 Concen: 28.87 ng
 RT: 12.83 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BF079571.D
 Acq: 29 May 2015 20:35

Tgt Ion:167 Resp: 586463
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.0 25.4
 139 14.4 11.2 16.8





#73

Di-n-butylphthalate

Concen: 30.33 ng

RT: 13.29 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

Instrument :

BNA_F

ClientSampleId :

MW-05MS

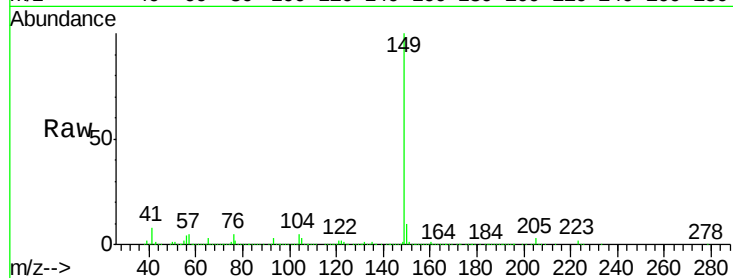
Tgt Ion:149 Resp: 703821

Ion Ratio Lower Upper

149 100

150 9.7 7.5 11.3

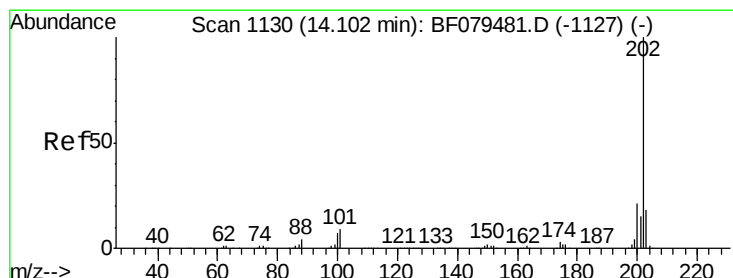
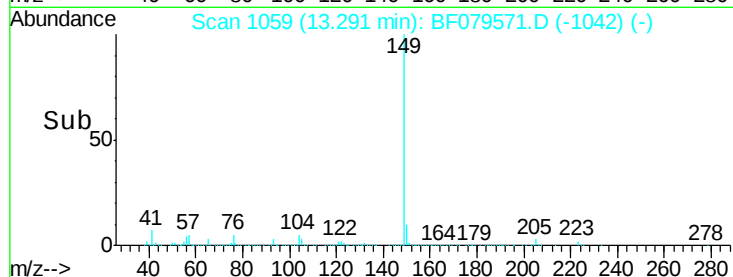
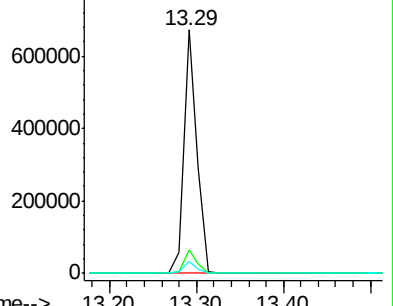
104 5.0 3.6 5.4



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: 29.28 ng

RT: 14.03 min Scan# 1124

Delta R.T. -0.00 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

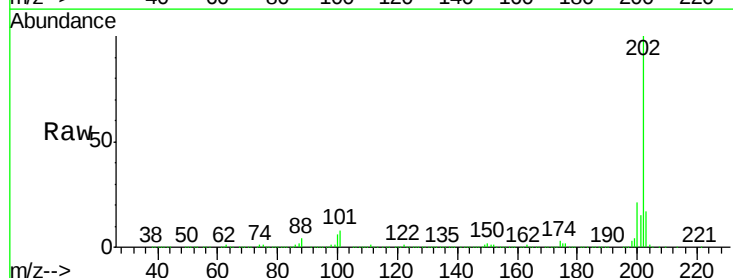
Tgt Ion:202 Resp: 652585

Ion Ratio Lower Upper

202 100

101 8.3 0.0 29.3

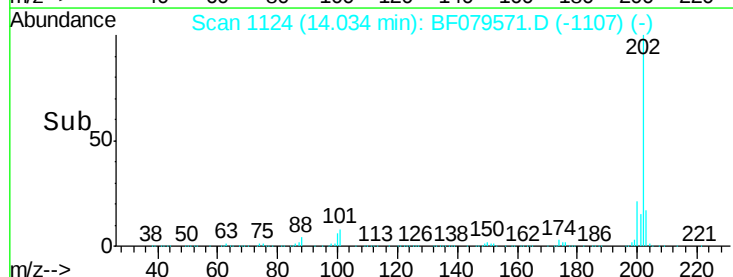
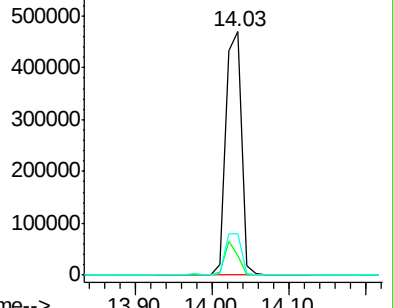
203 17.1 0.0 37.6

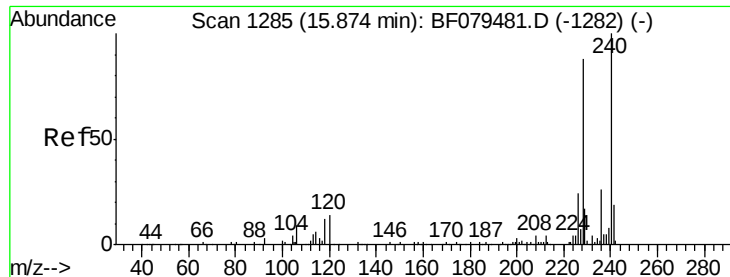


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.86 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

Instrument :

BNA_F

ClientSampleId :

MW-05MS

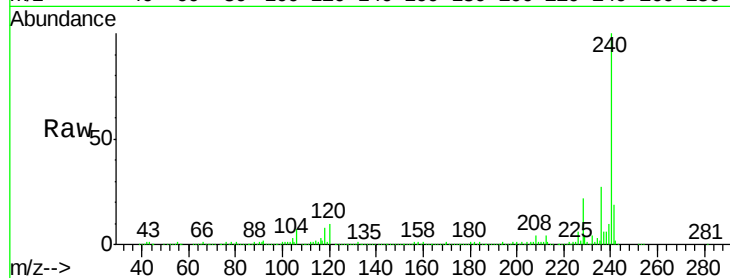
Tgt Ion:240 Resp: 354540

Ion Ratio Lower Upper

240 100

120 10.2 10.8 16.2#

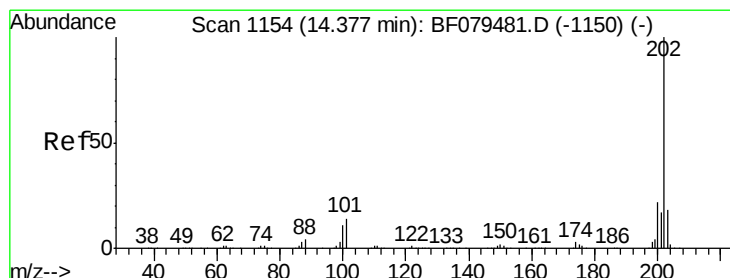
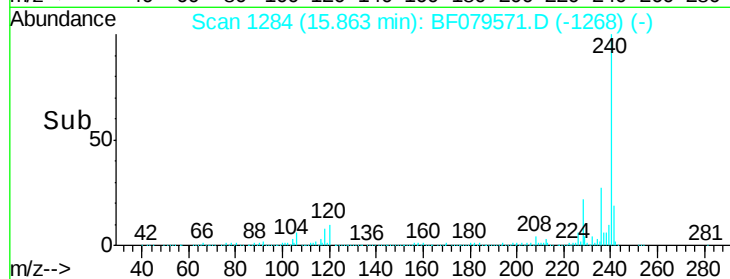
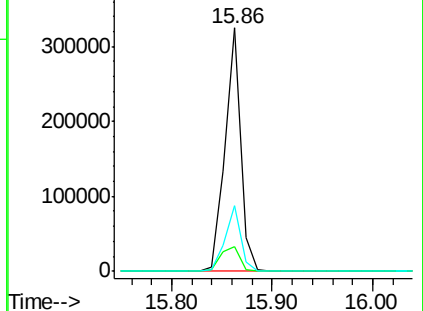
236 26.8 21.0 31.6



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



#77

Pyrene

Concen: 30.56 ng

RT: 14.31 min Scan# 1148

Delta R.T. -0.00 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

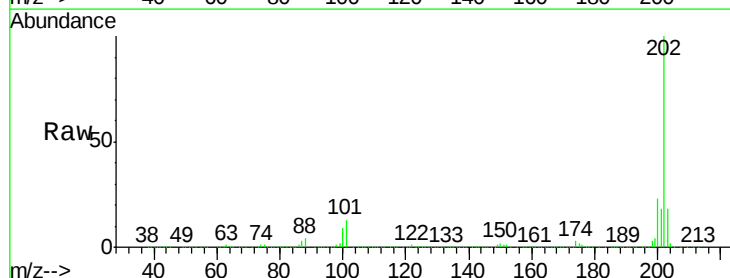
Tgt Ion:202 Resp: 671297

Ion Ratio Lower Upper

202 100

200 22.9 17.5 26.3

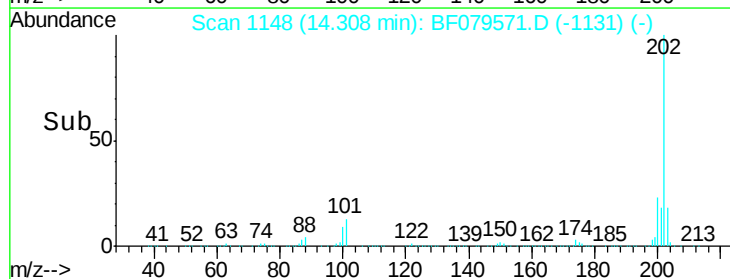
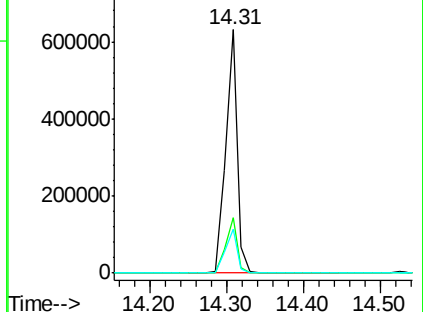
203 17.9 14.4 21.6

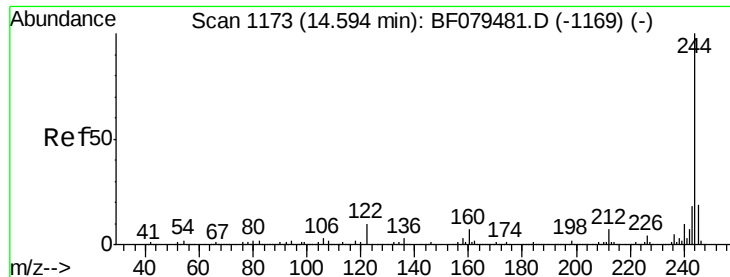


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 53.62 ng

RT: 14.53 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

Instrument :

BNA_F

ClientSampleId :

MW-05MS

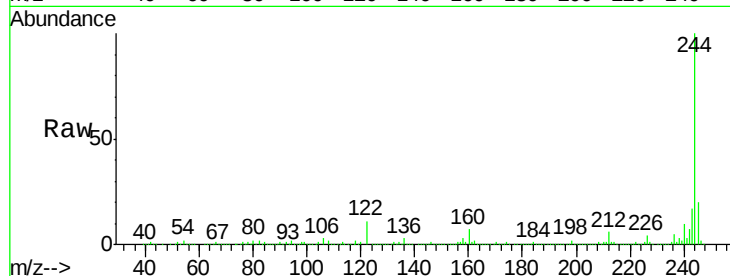
Tgt Ion:244 Resp: 810093

Ion Ratio Lower Upper

244 100

212 6.5 5.2 7.8

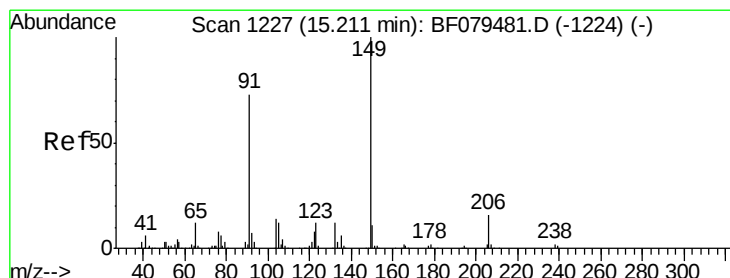
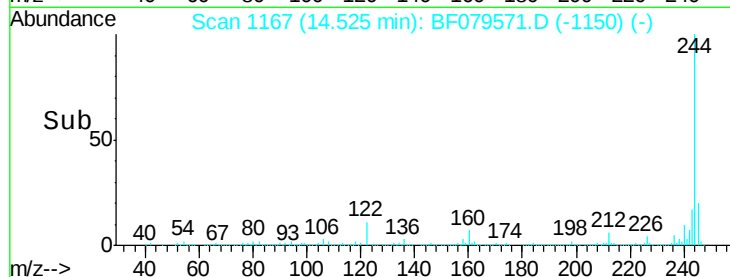
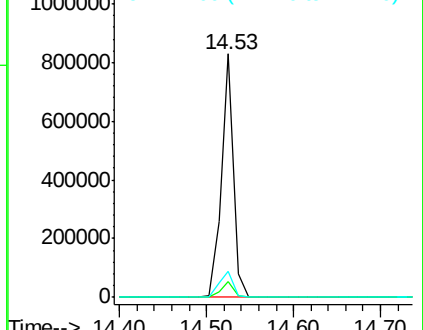
122 10.9 8.0 12.0



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: 29.90 ng

RT: 15.17 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

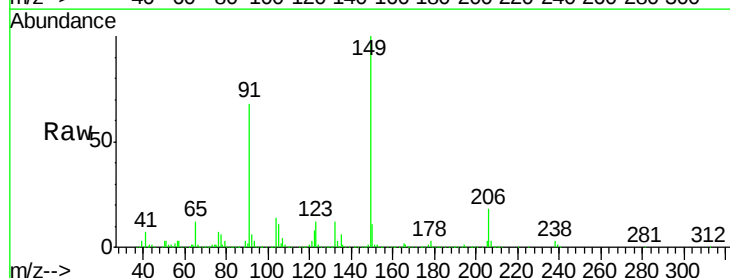
Tgt Ion:149 Resp: 295336

Ion Ratio Lower Upper

149 100

91 67.8 58.1 87.1

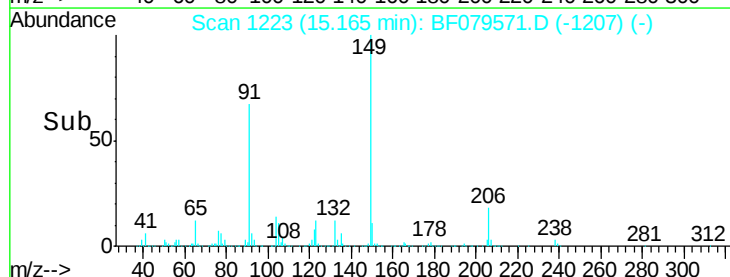
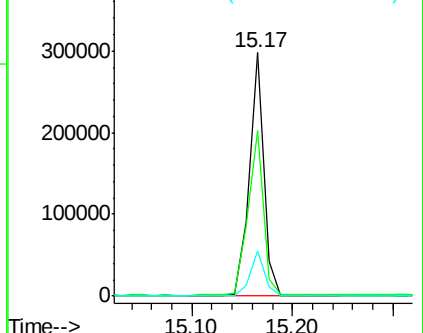
206 18.4 13.1 19.7

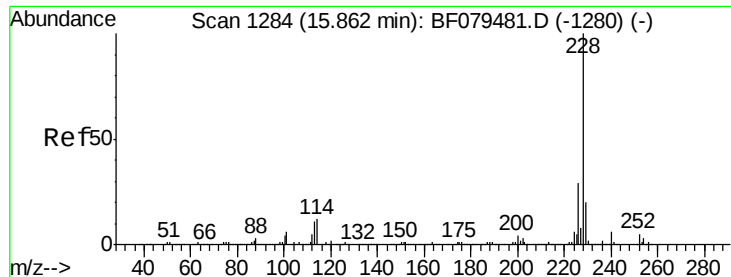


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 29.26 ng

RT: 15.85 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

Instrument :

BNA_F

ClientSampleId :

MW-05MS

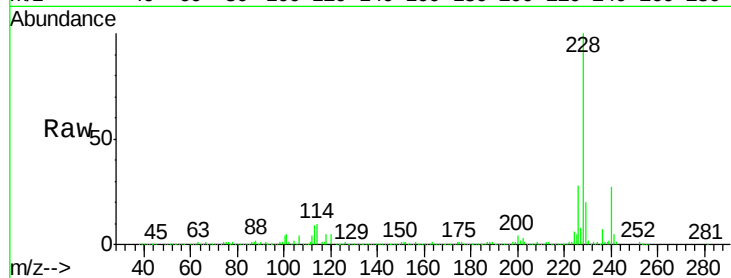
Tgt Ion:228 Resp: 596865

Ion Ratio Lower Upper

228 100

226 27.8 22.8 34.2

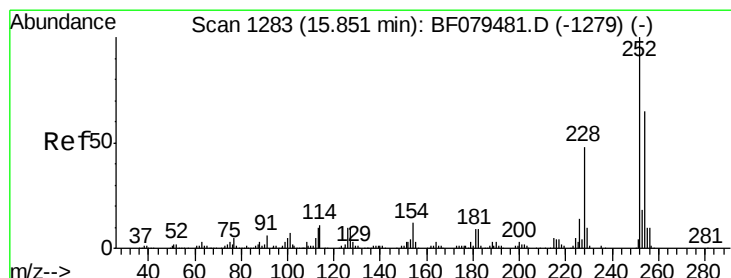
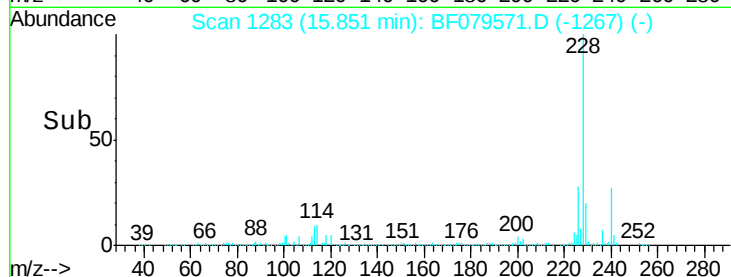
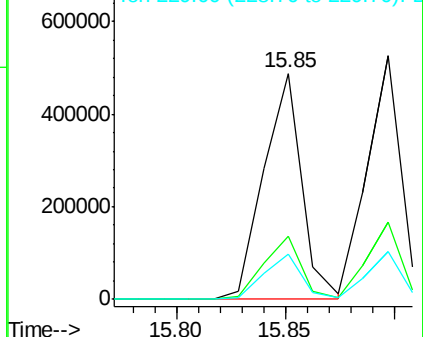
229 19.8 15.9 23.9



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: 3.71 ng

RT: 15.84 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

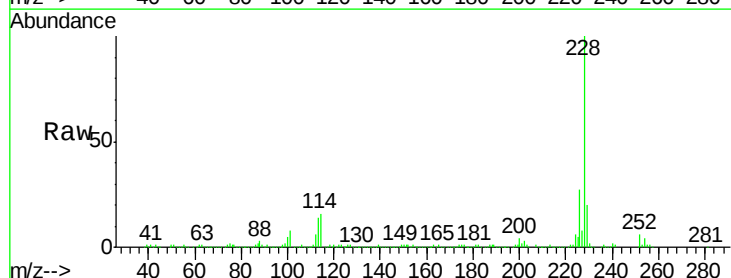
Tgt Ion:252 Resp: 27686

Ion Ratio Lower Upper

252 100

254 65.8 52.1 78.1

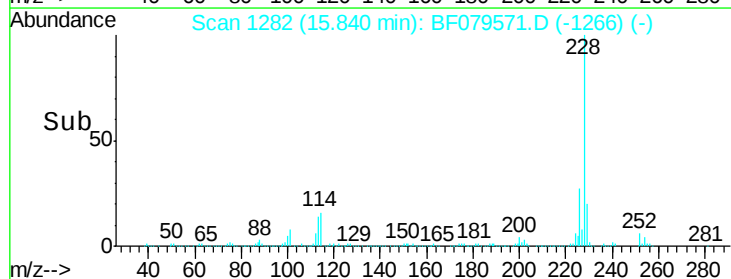
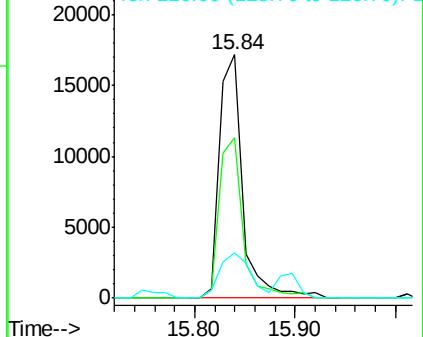
126 18.6 8.2 12.2#

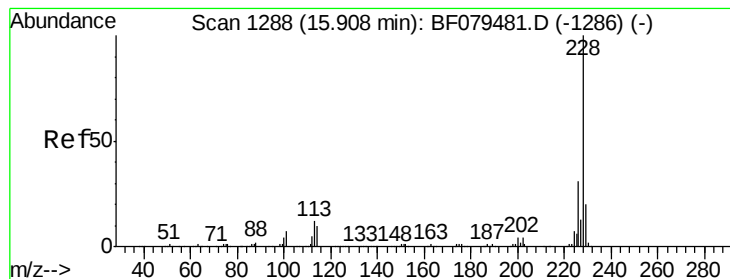


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 29.79 ng

RT: 15.90 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

Instrument :

BNA_F

ClientSampleId :

MW-05MS

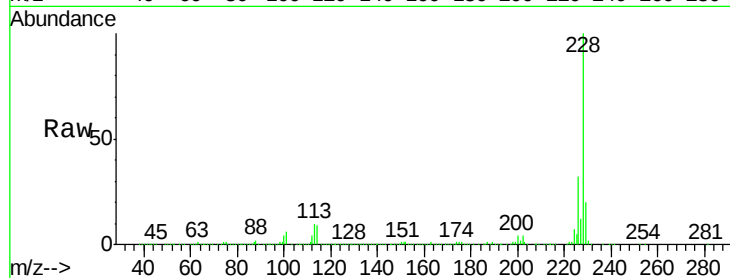
Tgt Ion: 228 Resp: 577431

Ion Ratio Lower Upper

228 100

226 31.5 25.0 37.4

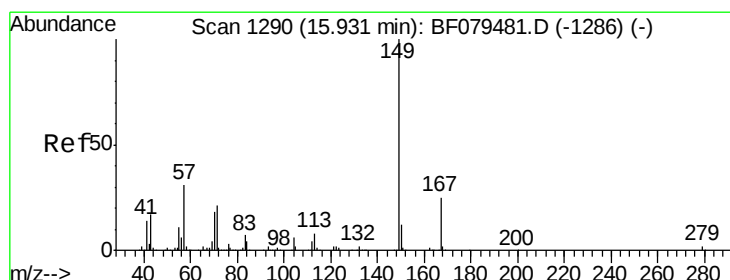
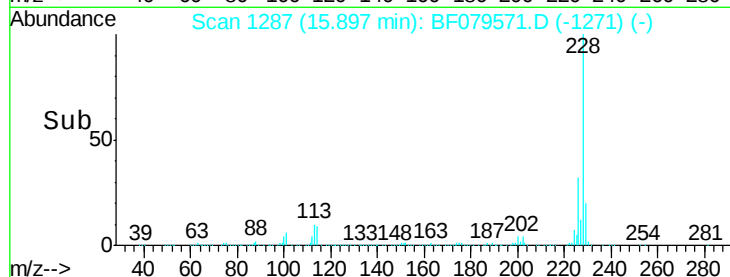
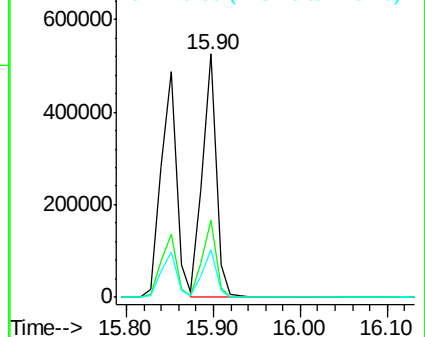
229 19.7 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 29.83 ng

RT: 15.93 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

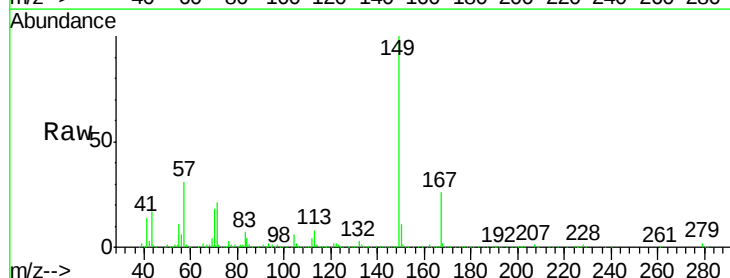
Tgt Ion: 149 Resp: 422102

Ion Ratio Lower Upper

149 100

167 25.7 20.2 30.4

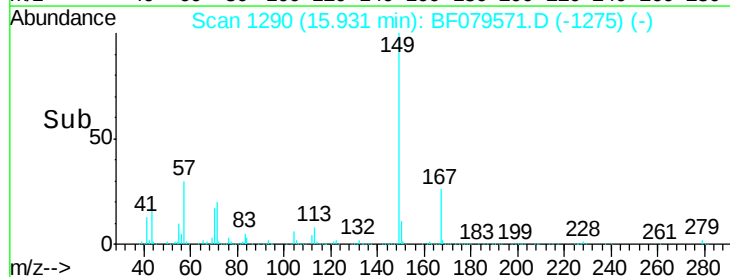
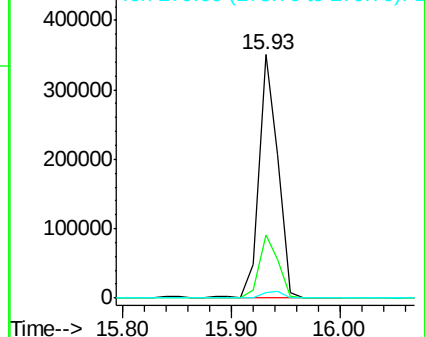
279 2.2 2.0 3.0

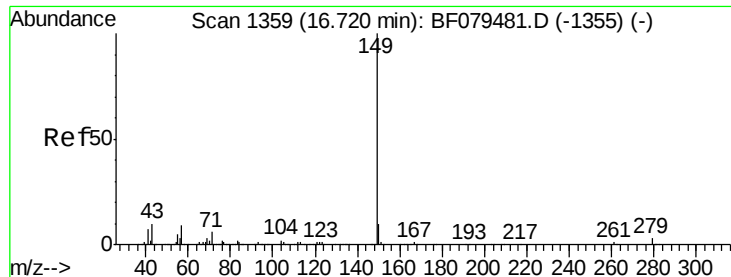


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 29.12 ng

RT: 16.81 min Scan# 1367

Delta R.T. -0.02 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

Instrument :

BNA_F

ClientSampleId :

MW-05MS

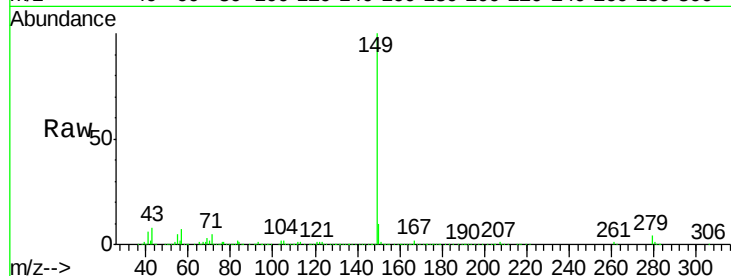
Tgt Ion:149 Resp: 717248

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

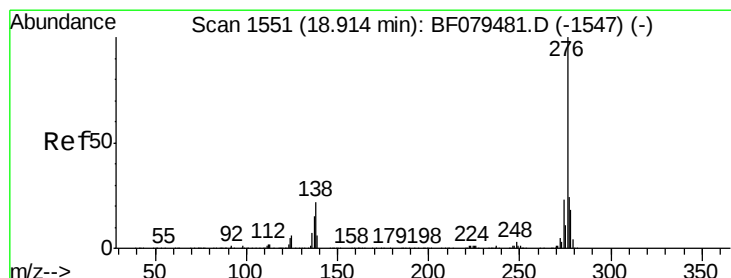
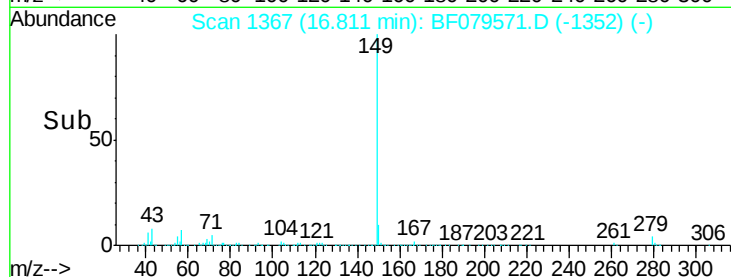
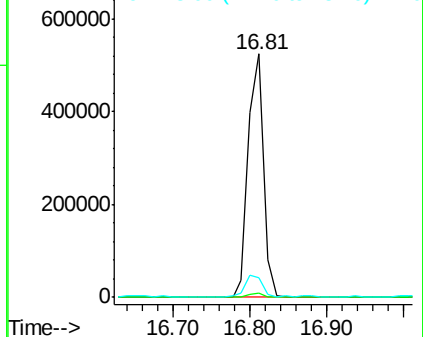
43 9.7 7.8 11.6



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: 29.38 ng

RT: 19.17 min Scan# 1573

Delta R.T. -0.05 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

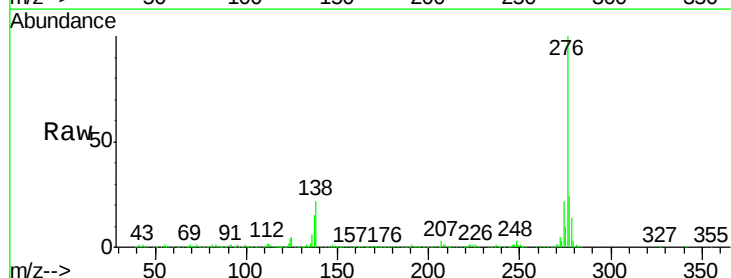
Tgt Ion:276 Resp: 732620

Ion Ratio Lower Upper

276 100

138 25.8 21.4 32.2

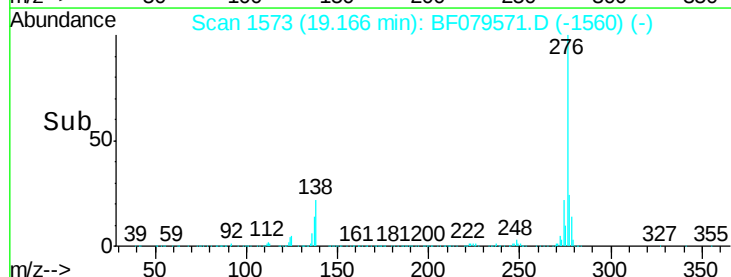
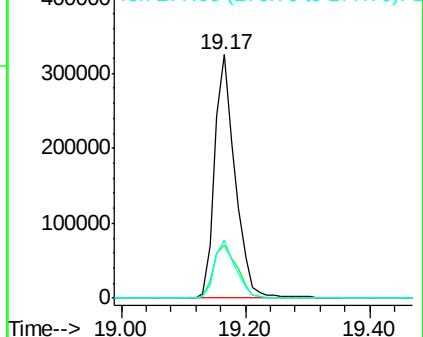
277 24.7 19.8 29.6

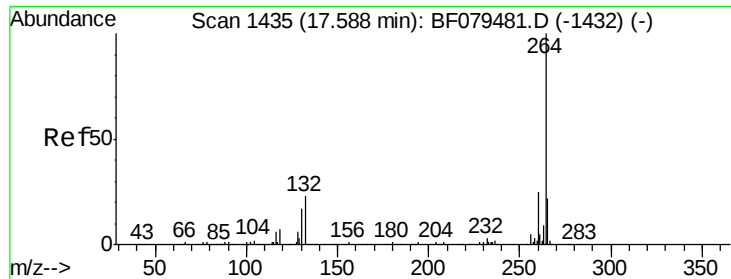


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

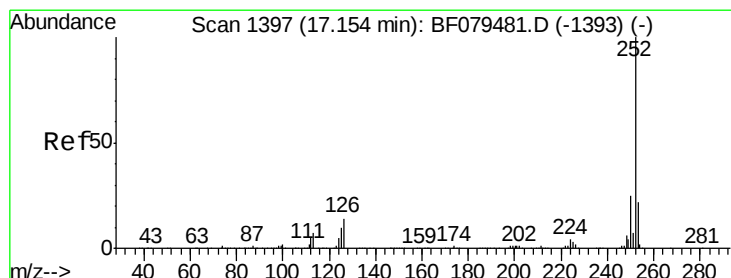
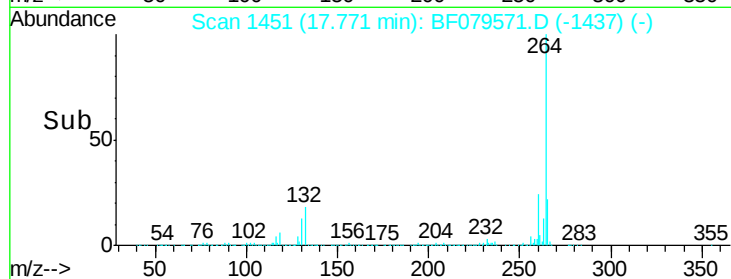
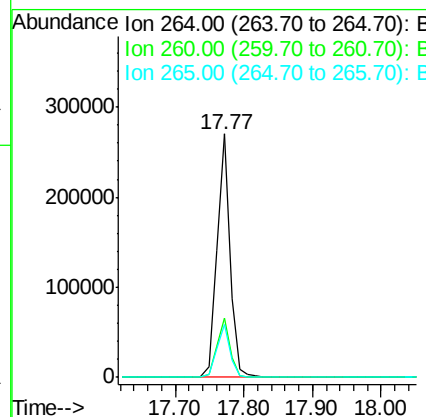
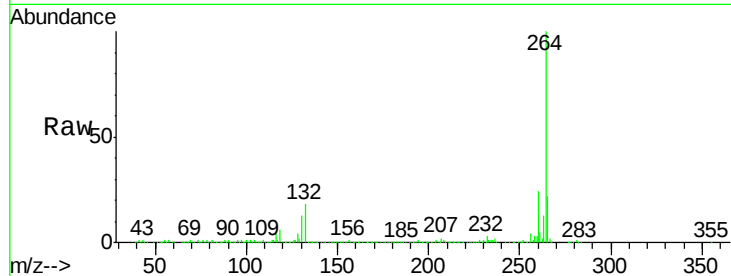




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.77 min Scan# 1451
Delta R.T. -0.03 min
Lab File: BF079571.D
Acq: 29 May 2015 20:35

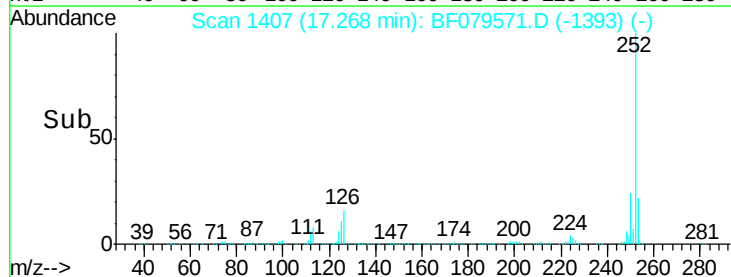
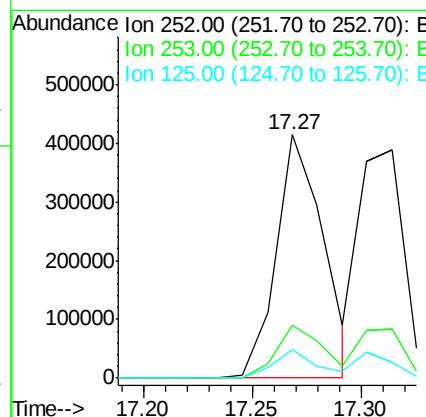
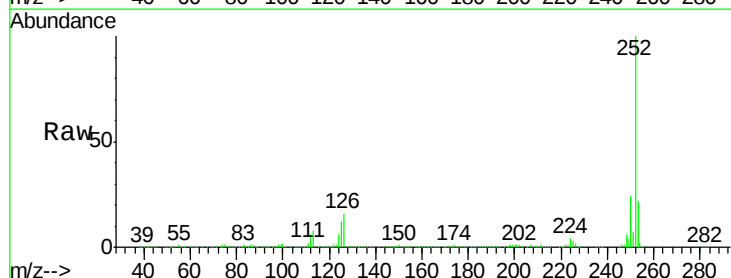
Instrument :
BNA_F
ClientSampleId :
MW-05MS

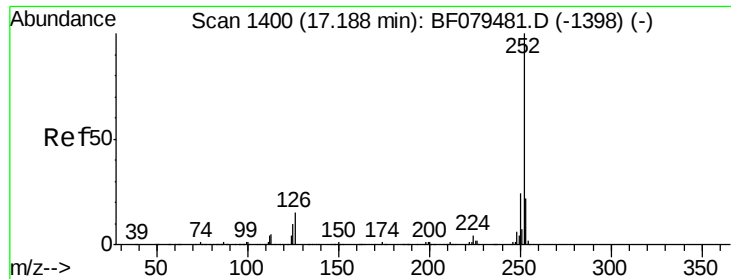
Tgt Ion:264 Resp: 365522
Ion Ratio Lower Upper
264 100
260 24.5 19.8 29.8
265 21.9 17.8 26.6



#87
Benzo(b)fluoranthene
Concen: 30.22 ng
RT: 17.27 min Scan# 1407
Delta R.T. -0.03 min
Lab File: BF079571.D
Acq: 29 May 2015 20:35

Tgt Ion:252 Resp: 629999
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 11.5 7.8 11.6

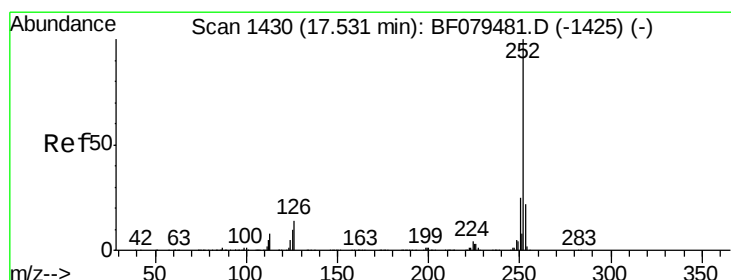
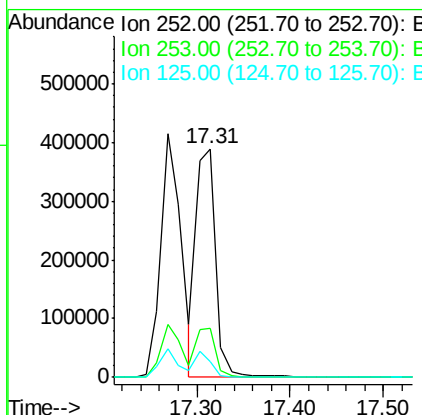
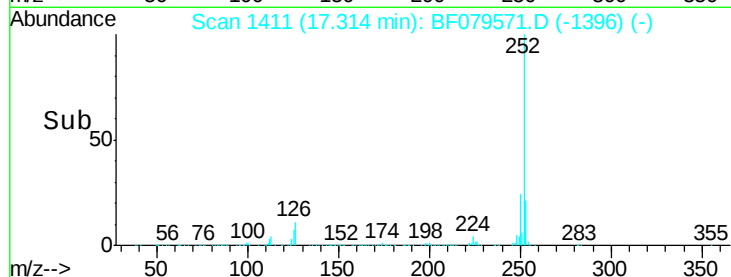
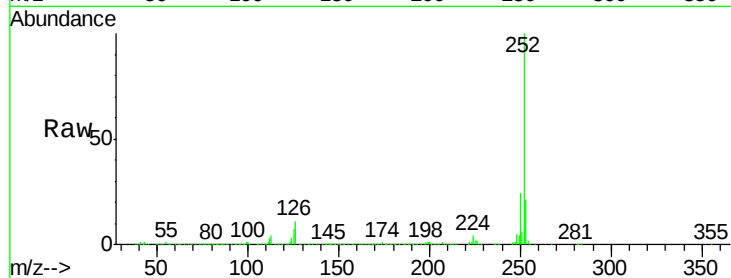




#88
Benzo(k)fluoranthene
Concen: 30.67 ng
RT: 17.31 min Scan# 1411
Delta R.T. -0.02 min
Lab File: BF079571.D
Acq: 29 May 2015 20:35

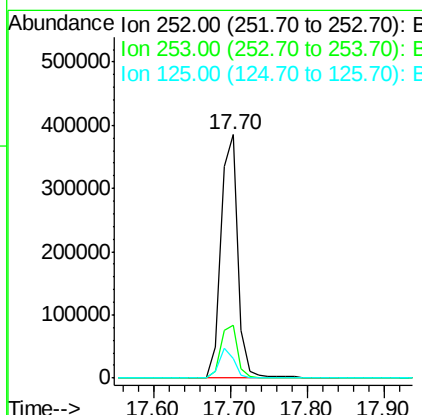
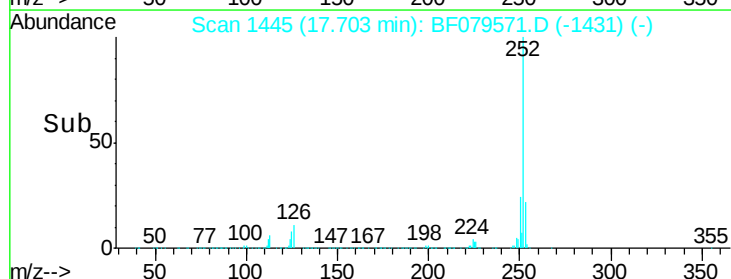
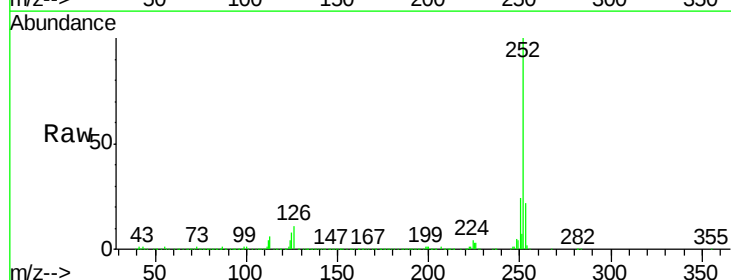
Instrument :
BNA_F
ClientSampleId :
MW-05MS

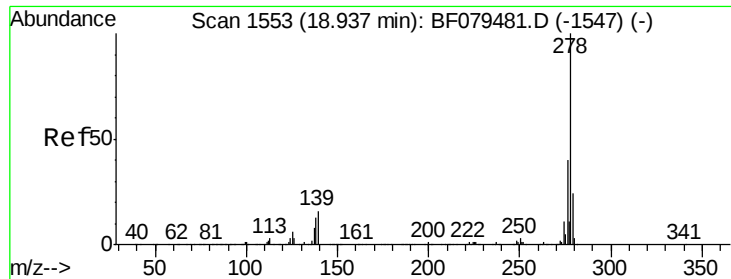
Tgt Ion:252 Resp: 571708
Ion Ratio Lower Upper
252 100
253 21.5 17.2 25.8
125 7.1 6.8 10.2



#89
Benzo(a)pyrene
Concen: 32.18 ng
RT: 17.70 min Scan# 1445
Delta R.T. -0.03 min
Lab File: BF079571.D
Acq: 29 May 2015 20:35

Tgt Ion:252 Resp: 598354
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.8
125 8.2 7.9 11.9





#90

Dibenzo(a,h)anthracene

Concen: 30.92 ng

RT: 19.19 min Scan# 1575

Delta R.T. -0.06 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

Instrument :

BNA_F

ClientSampleId :

MW-05MS

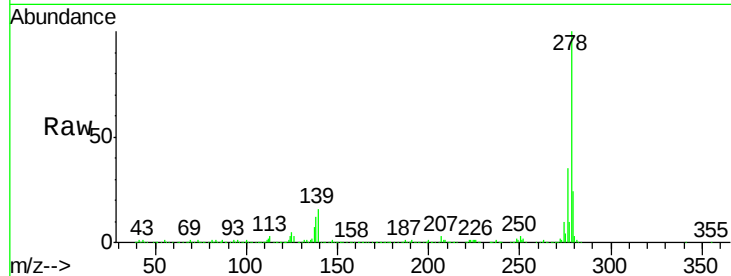
Tgt Ion: 278 Resp: 600413

Ion Ratio Lower Upper

278 100

139 15.9 12.8 19.2

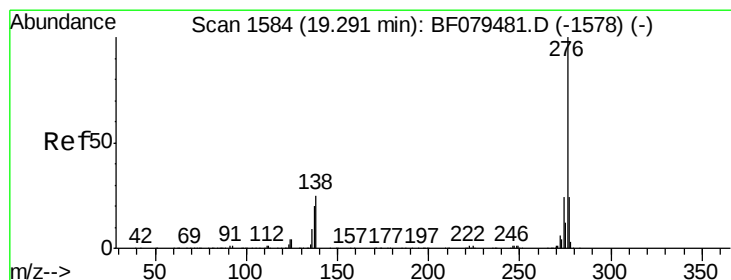
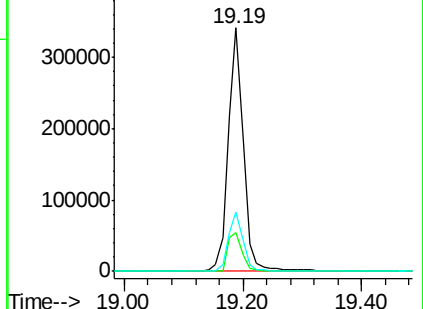
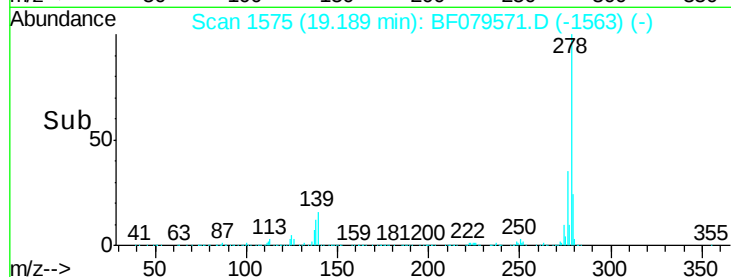
279 24.4 19.1 28.7



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: 31.91 ng

RT: 19.54 min Scan# 1606

Delta R.T. -0.06 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

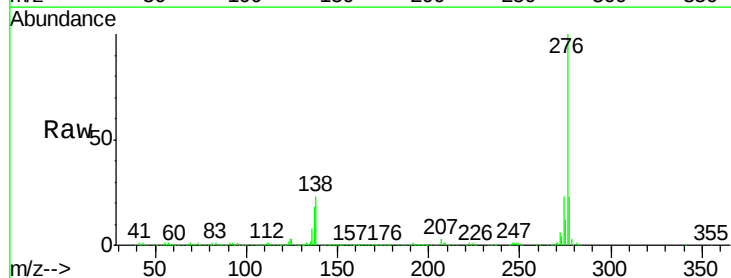
Tgt Ion: 276 Resp: 609685

Ion Ratio Lower Upper

276 100

277 23.1 19.1 28.7

138 22.6 20.1 30.1



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

