

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052317\
 Data File : BM010140.D
 Acq On : 23 May 2017 14:05
 Operator : SJ/MA
 Sample : PB99180BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB99180BSD

Quant Time: May 23 18:24:38 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:25:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	143806	20.00	ng	-0.02
21) Naphthalene-d8	10.77	136	481486	20.00	ng	-0.02
38) Acenaphthene-d10	14.59	164	308320	20.00	ng	-0.02
63) Phenanthrene-d10	17.33	188	761202	20.00	ng	-0.02
75) Chrysene-d12	21.49	240	1199914	20.00	ng	-0.02
86) Perylene-d12	23.86	264	1346402	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	1045489	131.29	ng	-0.02
7) Phenol-d6	7.15	99	1282649	125.17	ng	-0.02
23) Nitrobenzene-d5	9.15	82	858708	96.22	ng	-0.02
41) 2,4,6-Tribromophenol	16.08	330	672401	143.59	ng	-0.02
44) 2-Fluorobiphenyl	13.21	172	2221504	92.63	ng	-0.02
78) Terphenyl-d14	19.93	244	4013686	76.06	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	133037	36.36	ng	# 100
3) Pyridine	3.85	79	340628	34.78	ng	92
4) n-Nitrosodimethylamine	3.76	42	169882	47.95	ng	# 71
6) Aniline	7.31	93	417684	32.90	ng	95
8) 2-Chlorophenol	7.53	128	353953	40.85	ng	96
9) Benzaldehyde	7.12	77	98842	15.50	ng	87
10) Phenol	7.17	94	455058	42.14	ng	90
11) bis(2-Chloroethyl)ether	7.39	93	306956	38.13	ng	98
12) 1,3-Dichlorobenzene	7.84	146	421064	38.24	ng	# 91
13) 1,4-Dichlorobenzene	7.99	146	434413	38.41	ng	95
14) 1,2-Dichlorobenzene	8.31	146	418717	38.57	ng	96
15) Benzyl Alcohol	8.22	79	339801	43.83	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	8.49	45	263946	33.35	ng	77
17) 2-Methylphenol	8.42	107	298679	38.87	ng	# 87
18) Hexachloroethane	9.03	117	148059	40.38	ng	# 74
19) n-Nitroso-di-n-propylamine	8.76	70	294312	40.69	ng	94
20) 3+4-Methylphenols	8.75	107	400791	38.62	ng	89
22) Acetophenone	8.80	105	528129	42.79	ng	# 99
24) Nitrobenzene	9.19	77	441179	47.99	ng	96
25) Isophorone	9.69	82	710451	46.07	ng	# 92
26) 2-Nitrophenol	9.89	139	176954	45.66	ng	# 66
27) 2,4-Dimethylphenol	9.94	122	307550	43.95	ng	# 81
28) bis(2-Chloroethoxy)methane	10.18	93	405365	41.42	ng	98
29) 2,4-Dichlorophenol	10.42	162	379740	47.13	ng	98
30) 1,2,4-Trichlorobenzene	10.62	180	451980	43.36	ng	95
31) Naphthalene	10.82	128	1024393	39.77	ng	99
32) Benzoic acid	10.07	122	191655	40.19	ng	# 79
33) 4-Chloroaniline	10.96	127	177943	17.93	ng	# 82
34) Hexachlorobutadiene	11.06	225	312029	44.87	ng	99
35) Caprolactam	11.76	113	96326	41.67	ng	# 82
36) 4-Chloro-3-methylphenol	12.07	107	375094	42.99	ng	85
37) 2-Methylnaphthalene	12.42	142	806700	43.50	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	12.77	216	522861	44.10	ng	# 100
40) Hexachlorocyclopentadiene	12.73	237	763450	111.52	ng	99

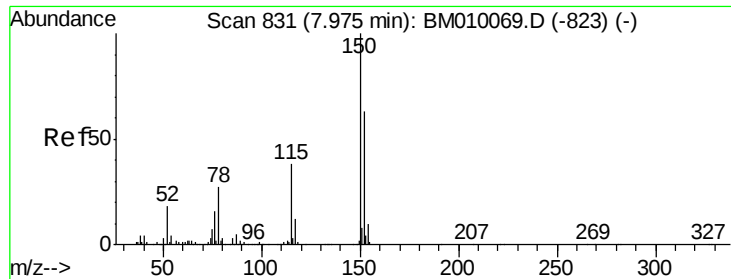
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052317\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.03	196	336109	48.13	ng	98
43) 2,4,5-Trichlorophenol	13.10	196	357294	46.30	ng	# 92
45) 1,1'-Biphenyl	13.43	154	1090382	43.00	ng	99
46) 2-Chloronaphthalene	13.47	162	873472	42.55	ng	96
47) 2-Nitroaniline	13.71	65	243938	46.21	ng	82
48) Acenaphthylene	14.32	152	1337056	44.05	ng	100
49) Dimethylphthalate	14.06	163	1123197	40.84	ng	# 99
50) 2,6-Dinitrotoluene	14.19	165	243699	46.67	ng	88
51) Acenaphthene	14.66	154	809397	42.89	ng	97
52) 3-Nitroaniline	14.53	138	187299	38.59	ng	# 75
53) 2,4-Dinitrophenol	14.72	184	306447	87.66	ng	# 86
54) Dibenzofuran	14.99	168	1390673	46.87	ng	97
55) 4-Nitrophenol	14.84	139	358044	91.66	ng	# 31
56) 2,4-Dinitrotoluene	14.97	165	336431	45.54	ng	# 86
57) Fluorene	15.64	166	1141773	44.25	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.22	232	350378	53.31	ng	# 100
59) Diethylphthalate	15.40	149	1073144	41.27	ng	97
60) 4-Chlorophenyl-phenylether	15.63	204	632645	43.67	ng	98
61) 4-Nitroaniline	15.70	138	204058	41.41	ng	# 29
62) Azobenzene	15.92	77	1050827	54.96	ng	89
64) 4,6-Dinitro-2-methylphenol	15.72	198	207194	44.56	ng	79
65) n-Nitrosodiphenylamine	15.85	169	981779	43.03	ng	100
66) 4-Bromophenyl-phenylether	16.52	248	428256	43.95	ng	96
67) Hexachlorobenzene	16.62	284	479228	40.48	ng	97
68) Atrazine	16.79	200	408602	47.24	ng	99
69) Pentachlorophenol	16.97	266	607917	93.49	ng	97
70) Phenanthrene	17.38	178	1853776	43.53	ng	100
71) Anthracene	17.47	178	1897053	44.88	ng	99
72) Carbazole	17.76	167	1686835	45.08	ng	97
73) Di-n-butylphthalate	18.27	149	1815358	40.92	ng	# 98
74) Fluoranthene	19.38	202	2438682	44.10	ng	98
76) Benzidine	19.59	184	1844060	83.32	ng	99
77) Pyrene	19.74	202	2549639	39.63	ng	100
79) Butylbenzylphthalate	20.62	149	927291	38.94	ng	# 86
80) Benzo(a)anthracene	21.48	228	2919434	44.15	ng	99
81) 3,3'-Dichlorobenzidine	21.42	252	887193	33.35	ng	# 98
82) Chrysene	21.53	228	2668178	42.54	ng	99
83) Bis(2-ethylhexyl)phthalate	21.36	149	1374669	38.60	ng	# 97
84) Di-n-octyl phthalate	22.27	149	2556746	40.10	ng	# 98
85) Indeno(1,2,3-cd)pyrene	26.29	276	4503442	48.96	ng	# 100
87) Benzo(b)fluoranthene	23.13	252	3577582	45.40	ng	# 92
88) Benzo(k)fluoranthene	23.19	252	3282178	42.51	ng	# 95
89) Benzo(a)pyrene	23.76	252	3424756	45.61	ng	# 96
90) Dibenzo(a,h)anthracene	26.29	278	3804484	45.31	ng	# 92
91) Benzo(g,h,i)perylene	27.04	276	3678861	44.72	ng	# 87

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.96 min Scan# 828

Delta R.T. -0.02 min

Lab File: BM010140.D

Acq: 23 May 2017 14:05

Instrument :

BNA_M

ClientSampleId :

PB99180BSD

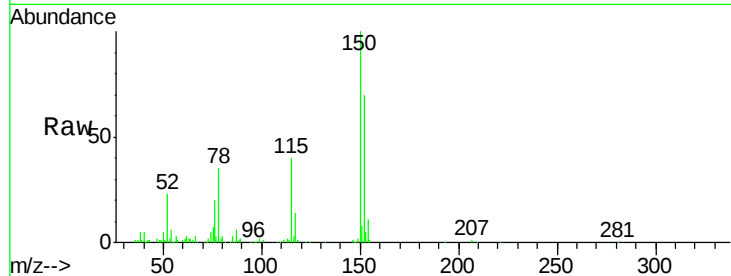
Tgt Ion:152 Resp: 143806

Ion Ratio Lower Upper

152 100

150 142.9 119.5 179.3

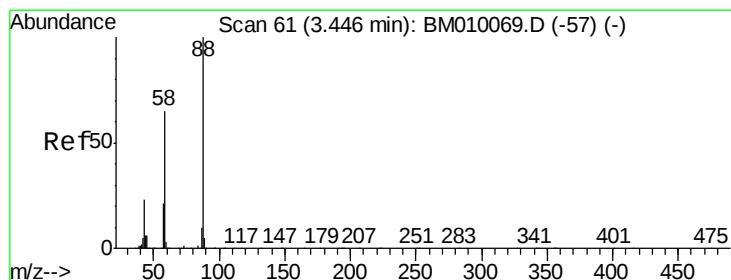
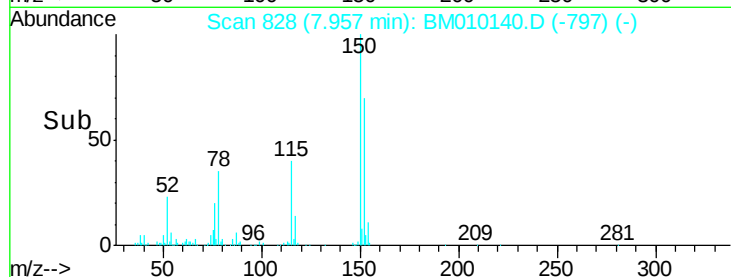
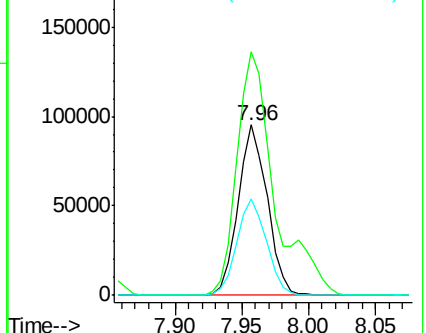
115 56.7 43.0 64.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 36.36 ng

RT: 3.43 min Scan# 59

Delta R.T. -0.01 min

Lab File: BM010140.D

Acq: 23 May 2017 14:05

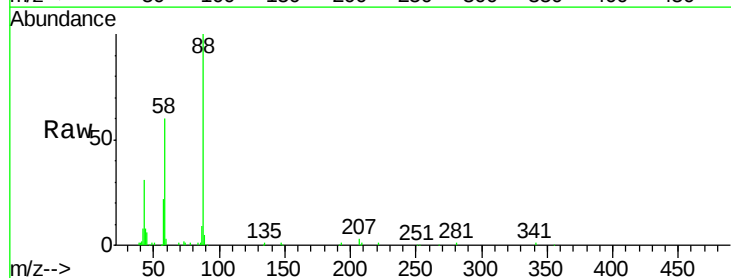
Tgt Ion: 88 Resp: 133037

Ion Ratio Lower Upper

88 100

58 62.2 0.0 0.0#

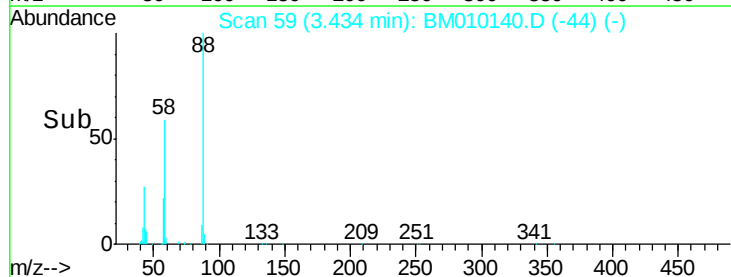
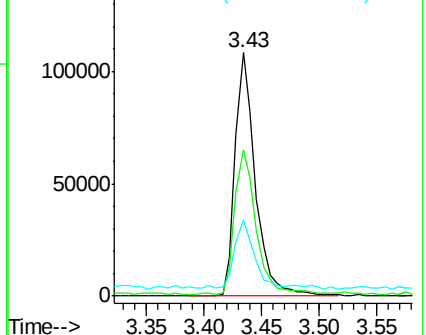
43 27.0 0.0 0.0#

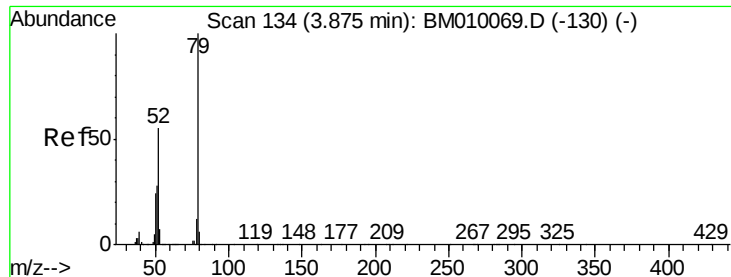


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pyridine

Concen: 34.78 ng

RT: 3.85 min Scan# 130

Delta R.T. -0.02 min

Lab File: BM010140.D

Acq: 23 May 2017 14:05

Instrument :

BNA_M

ClientSampleId :

PB99180BSD

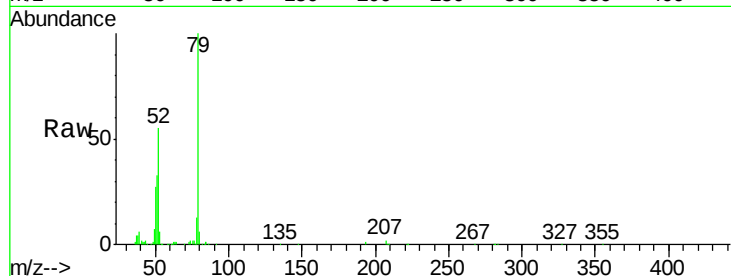
Tgt Ion: 79 Resp: 340628

Ion Ratio Lower Upper

79 100

52 54.5 51.1 76.7

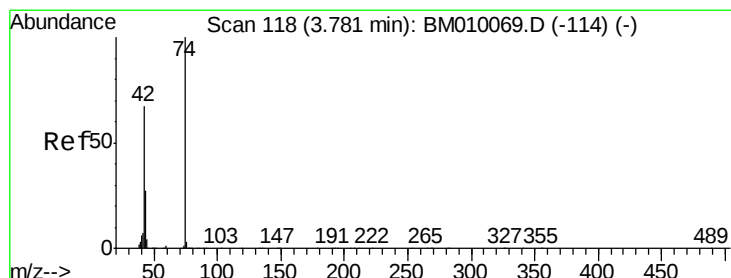
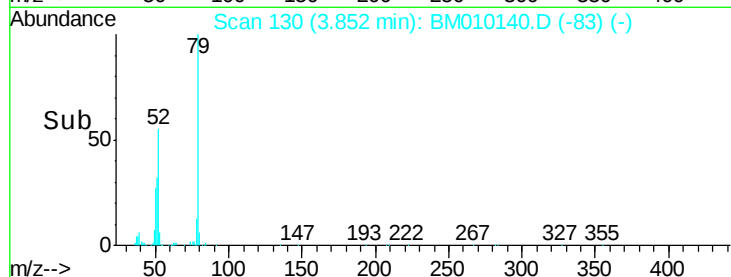
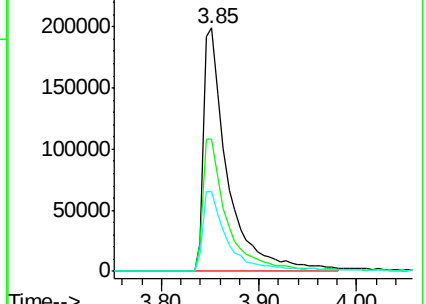
51 32.6 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BM010069.D (-130) (-)

Ion 52.00 (51.70 to 52.70): BM010069.D (-130) (-)

Ion 51.00 (50.70 to 51.70): BM010069.D (-130) (-)



#4

n-Nitrosodimethylamine

Concen: 47.95 ng

RT: 3.76 min Scan# 115

Delta R.T. -0.02 min

Lab File: BM010140.D

Acq: 23 May 2017 14:05

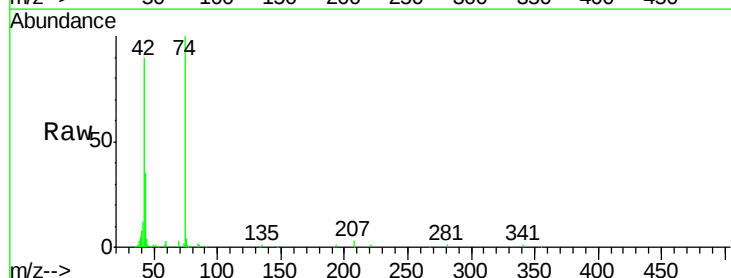
Tgt Ion: 42 Resp: 169882

Ion Ratio Lower Upper

42 100

74 111.3 119.3 178.9#

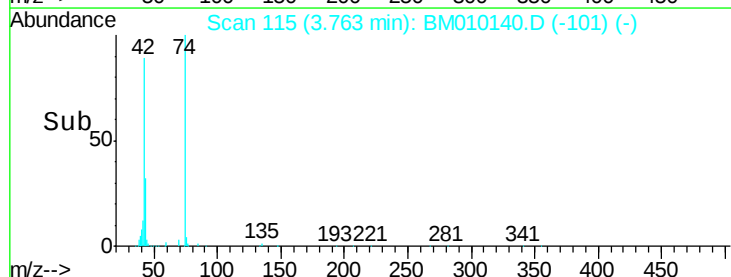
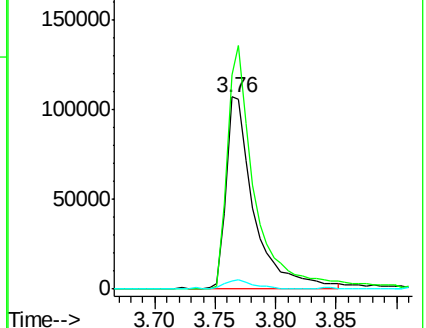
44 4.3 5.4 8.2#

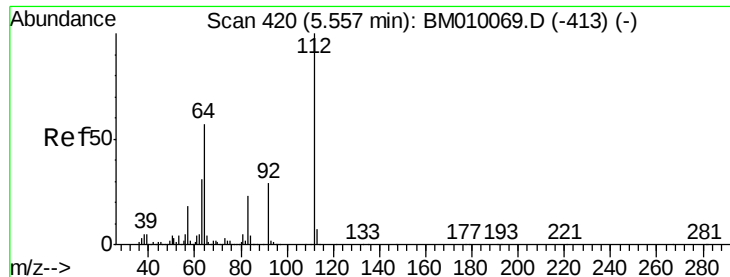


Abundance Ion 42.00 (41.70 to 42.70): BM010069.D (-114) (-)

Ion 74.00 (73.70 to 74.70): BM010069.D (-114) (-)

Ion 44.00 (43.70 to 44.70): BM010069.D (-114) (-)





#5

2-Fluorophenol

Concen: 131.29 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.02 min

Lab File: BM010140.D

Acq: 23 May 2017 14:05

Instrument :

BNA_M

ClientSampleId :

PB99180BSD

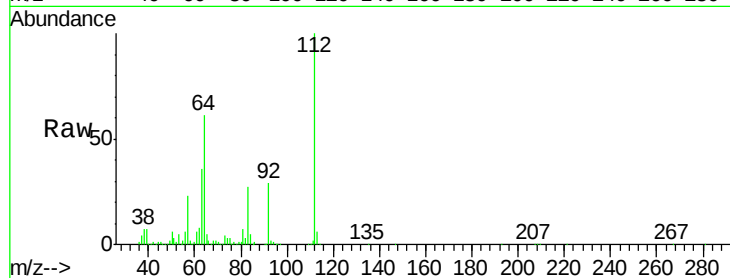
Tgt Ion: 112 Resp: 1045489

Ion Ratio Lower Upper

112 100

64 61.3 38.6 57.8#

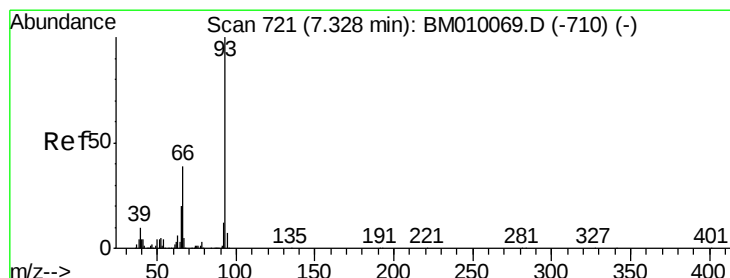
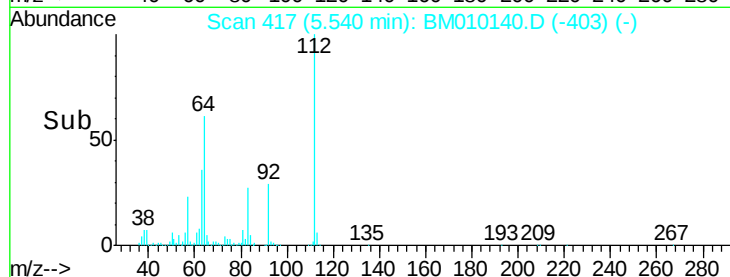
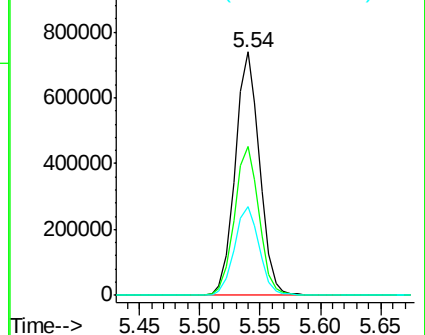
63 36.3 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 32.90 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BM010140.D

Acq: 23 May 2017 14:05

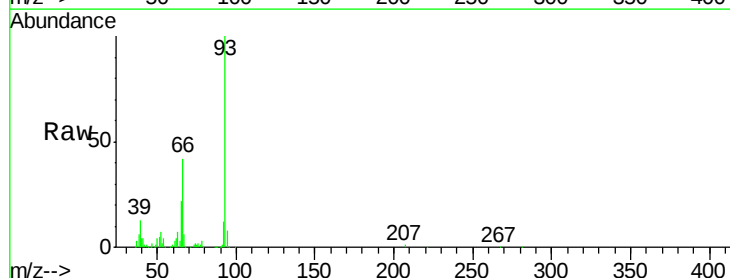
Tgt Ion: 93 Resp: 417684

Ion Ratio Lower Upper

93 100

66 41.9 30.8 46.2

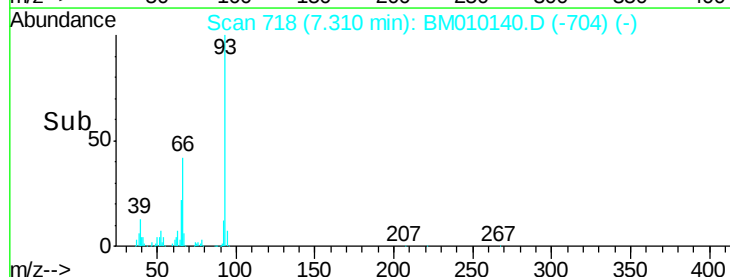
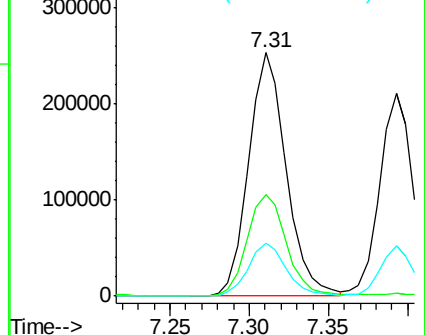
65 21.8 16.0 24.0

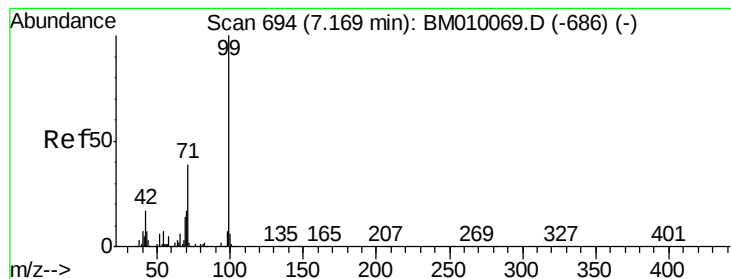


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 125.17 ng

RT: 7.15 min Scan# 690

Delta R.T. -0.02 min

Lab File: BM010140.D

Acq: 23 May 2017 14:05

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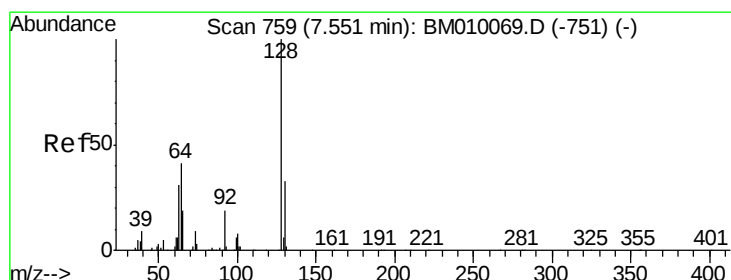
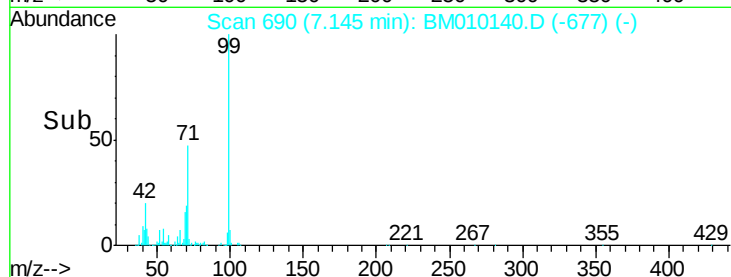
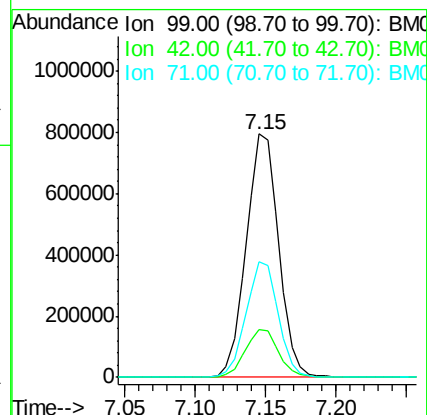
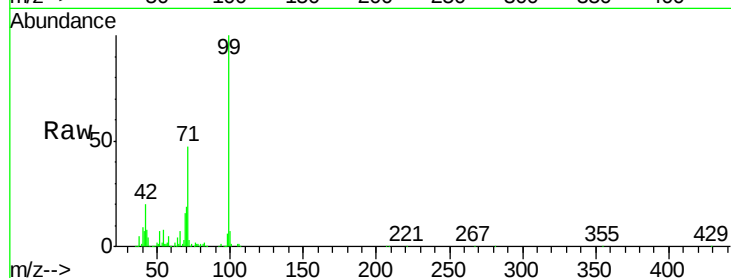
Tgt Ion: 99 Resp: 1282649

Ion Ratio Lower Upper

99 100

42 19.6 11.0 16.4#

71 47.3 23.4 35.2#



#8

2-Chlorophenol

Concen: 40.85 ng

RT: 7.53 min Scan# 756

Delta R.T. -0.02 min

Lab File: BM010140.D

Acq: 23 May 2017 14:05

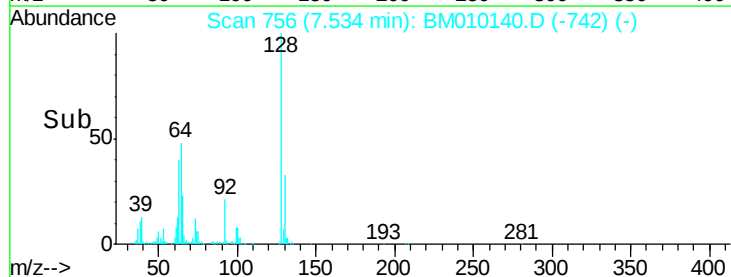
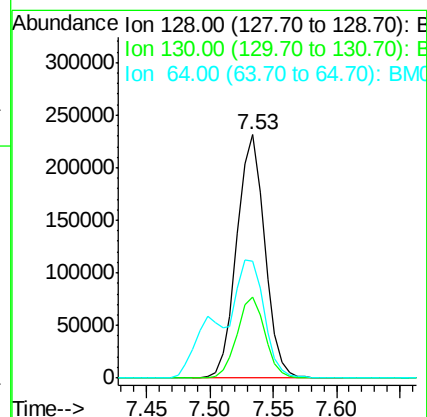
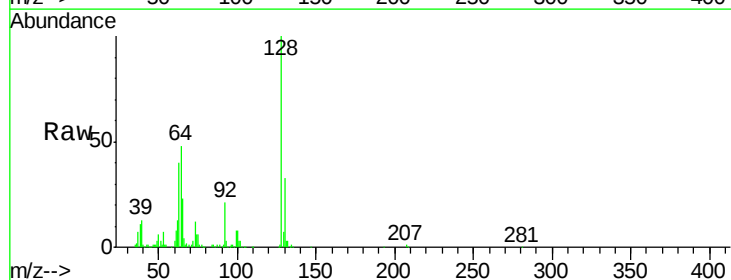
Tgt Ion: 128 Resp: 353953

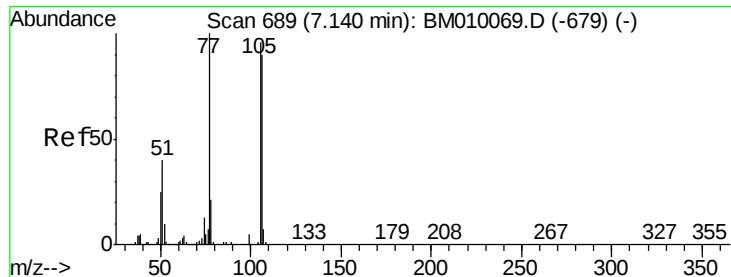
Ion Ratio Lower Upper

128 100

130 33.1 12.0 52.0

64 48.3 24.9 64.9





#9

Benzaldehyde

Concen: 15.50 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.02 min

Lab File: BM010140.D

Acq: 23 May 2017 14:05

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BNA_M

ClientSampleId :

PB99180BSD

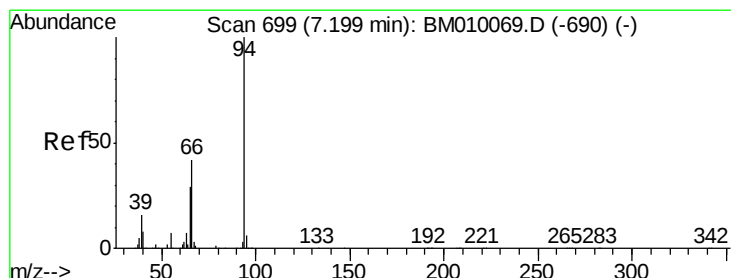
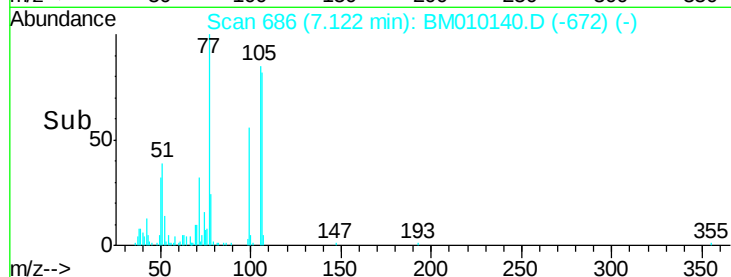
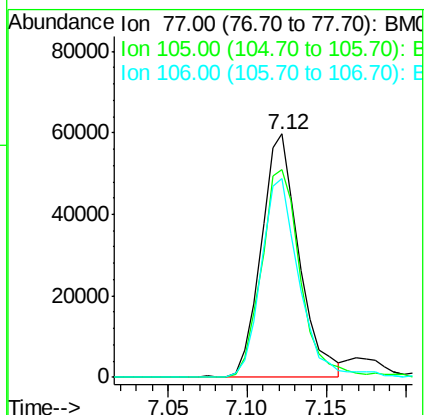
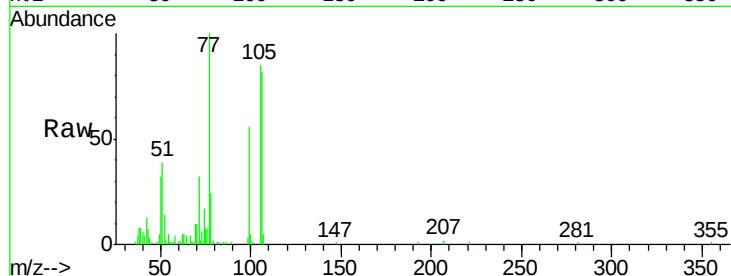
Tgt Ion: 77 Resp: 98842

Ion Ratio Lower Upper

77 100

105 85.2 78.8 118.8

106 81.9 73.7 113.7



#10

Phenol

Concen: 42.14 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.02 min

Lab File: BM010140.D

Acq: 23 May 2017 14:05

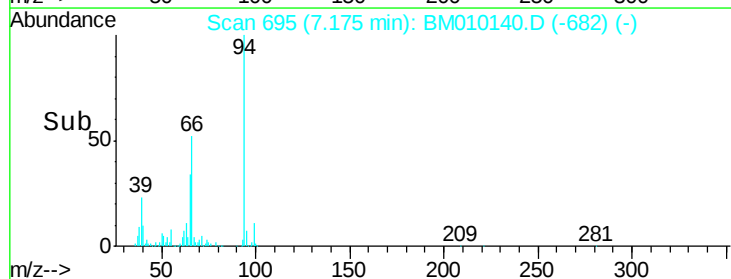
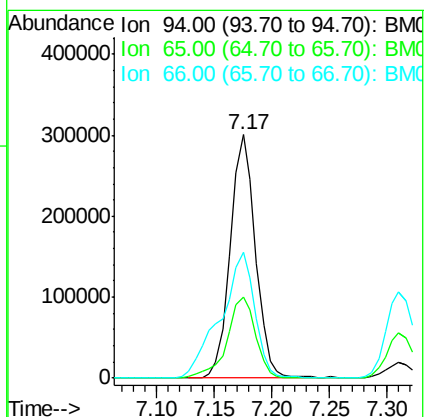
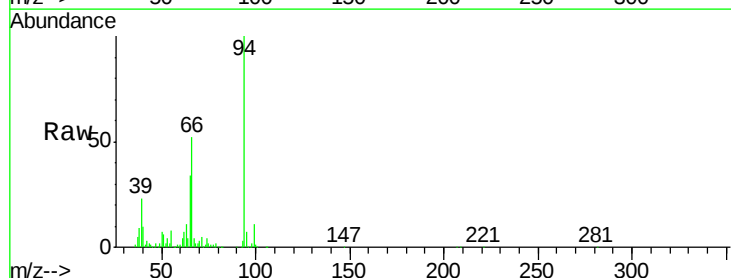
Tgt Ion: 94 Resp: 455058

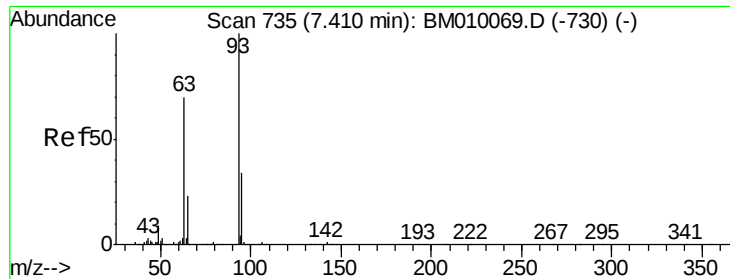
Ion Ratio Lower Upper

94 100

65 33.5 18.8 58.8

66 51.7 39.9 79.9

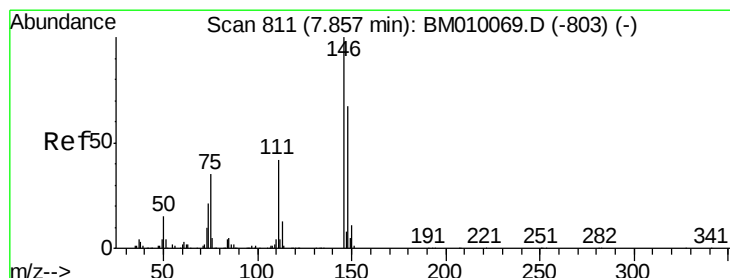
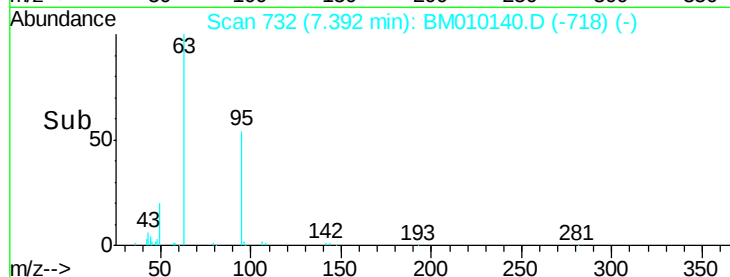
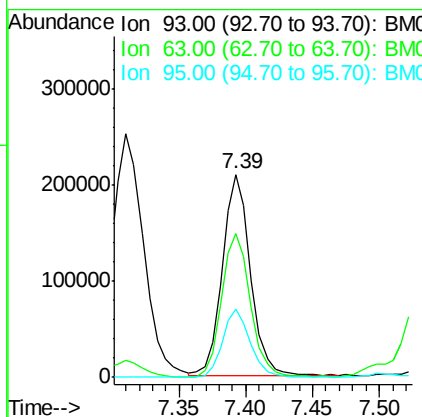
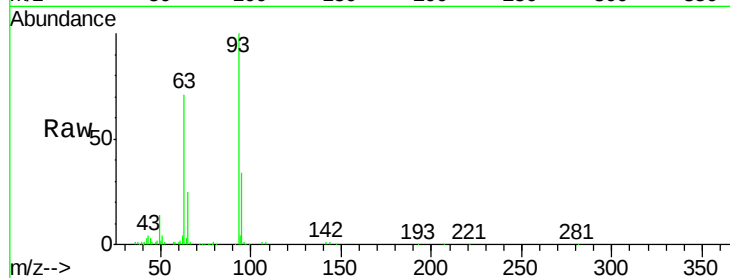




#11
bis(2-Chloroethyl)ether
Concen: 38.13 ng
RT: 7.39 min Scan# 732
Delta R.T. -0.02 min
Lab File: BM010140.D
Acq: 23 May 2017 14:05

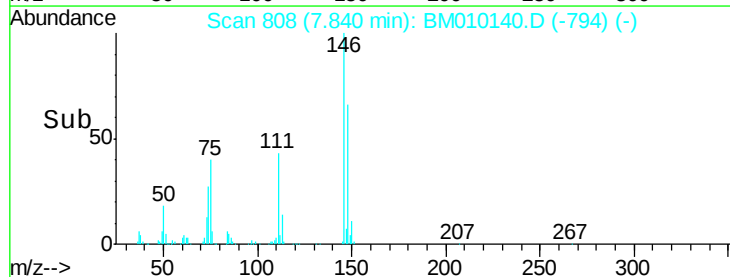
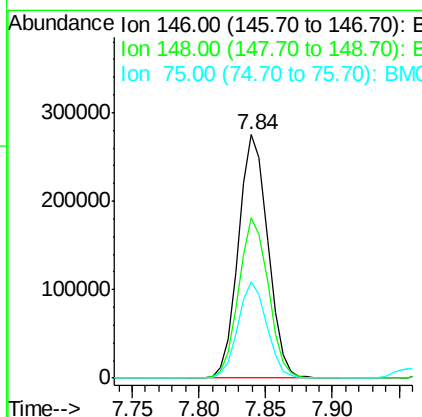
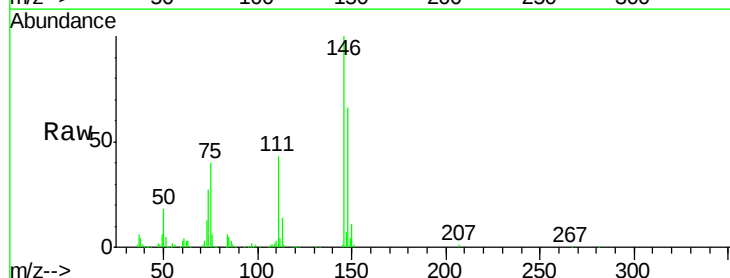
Instrument :
BNA_M
ClientSampleId :
PB99180BSD

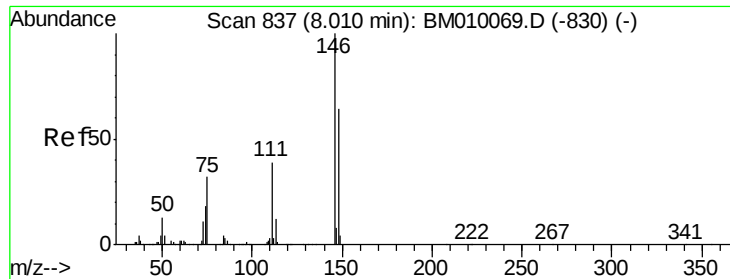
Tgt Ion:	93	Resp:	306956
Ion	Ratio	Lower	Upper
93	100		
63	71.0	49.5	89.5
95	34.0	13.5	53.5



#12
1,3-Dichlorobenzene
Concen: 38.24 ng
RT: 7.84 min Scan# 808
Delta R.T. -0.02 min
Lab File: BM010140.D
Acq: 23 May 2017 14:05

Tgt Ion:	146	Resp:	421064
Ion	Ratio	Lower	Upper
146	100		
148	65.9	50.9	76.3
75	39.5	21.4	32.2

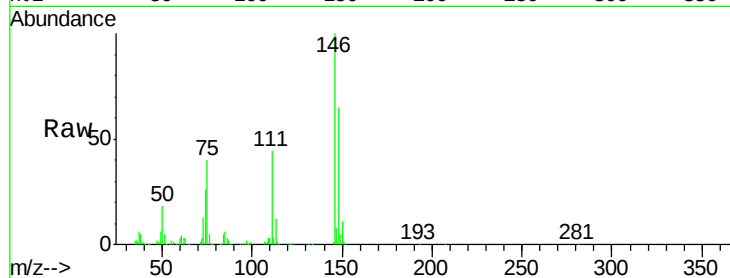




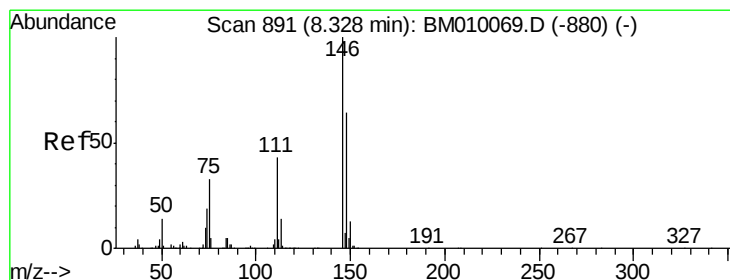
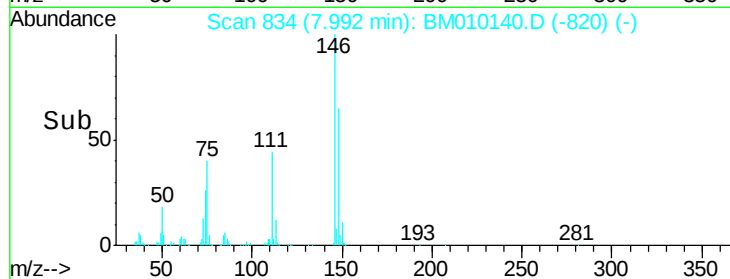
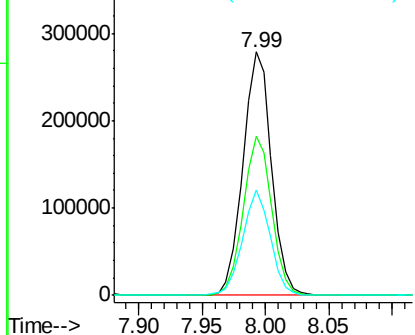
#13
 1,4-Dichlorobenzene
 Concen: 38.41 ng
 RT: 7.99 min Scan# 834
 Delta R.T. -0.02 min
 Lab File: BM010140.D
 Acq: 23 May 2017 14:05

Instrument :
 BNA_M
 ClientSampleId :
 PB99180BSD

Tgt Ion:146 Resp: 434413
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.9 77.9
 111 43.5 29.2 43.8

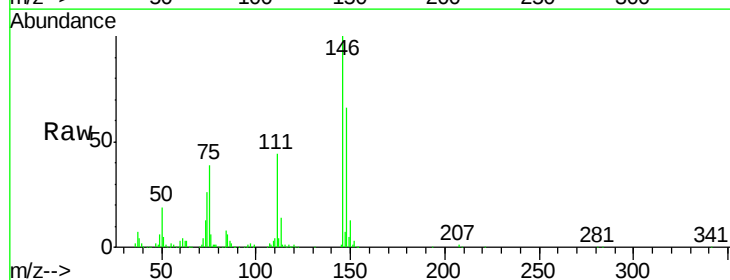


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

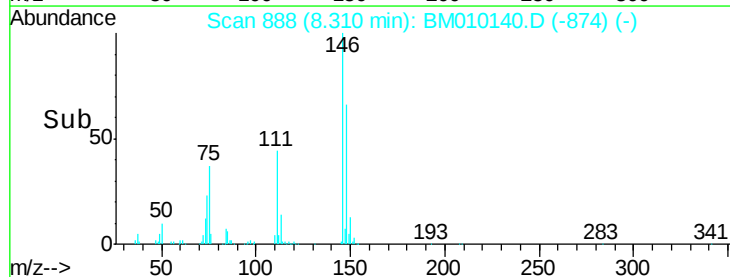
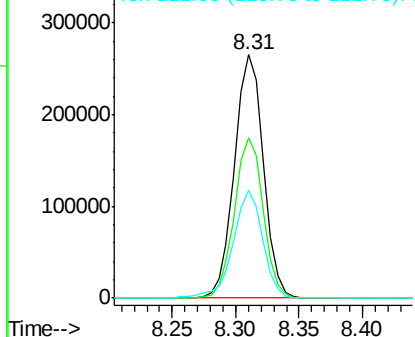


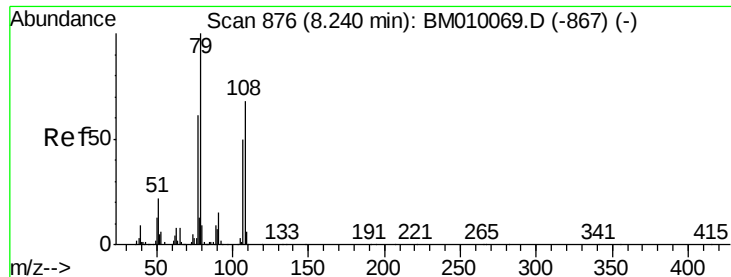
#14
 1,2-Dichlorobenzene
 Concen: 38.57 ng
 RT: 8.31 min Scan# 888
 Delta R.T. -0.02 min
 Lab File: BM010140.D
 Acq: 23 May 2017 14:05

Tgt Ion:146 Resp: 418717
 Ion Ratio Lower Upper
 146 100
 148 65.9 52.3 78.5
 111 44.2 30.6 45.8



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: 43.83 ng

RT: 8.22 min Scan# 873

Delta R.T. -0.02 min

Lab File: BM010140.D

Acq: 23 May 2017 14:05

Instrument :

BNA_M

ClientSampleId :

PB99180BSD

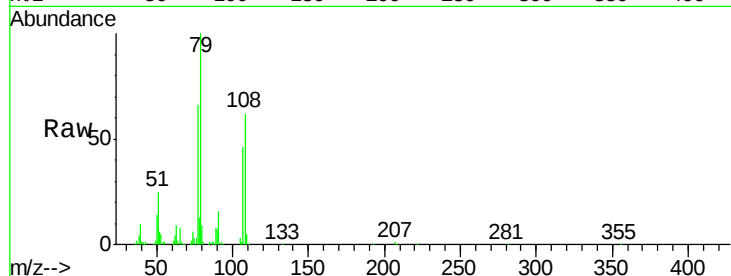
Tgt Ion: 79 Resp: 339801

Ion Ratio Lower Upper

79 100

108 62.0 65.0 97.4#

77 66.1 53.0 79.6



Abundance Ion 79.00 (78.70 to 79.70): BM010140.D (-859) (-)

Ion 108.00 (107.70 to 108.70): BM010140.D (-859) (-)

Ion 77.00 (76.70 to 77.70): BM010140.D (-859) (-)

8.22

250000

200000

150000

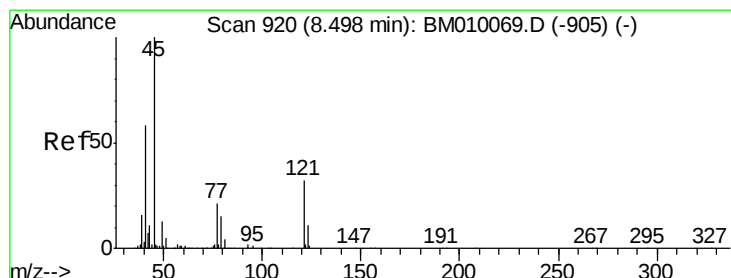
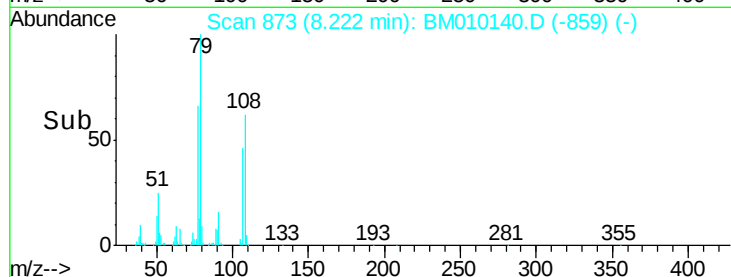
100000

50000

0

Time-->

8.15 8.20 8.25



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.35 ng

RT: 8.49 min Scan# 918

Delta R.T. -0.01 min

Lab File: BM010140.D

Acq: 23 May 2017 14:05

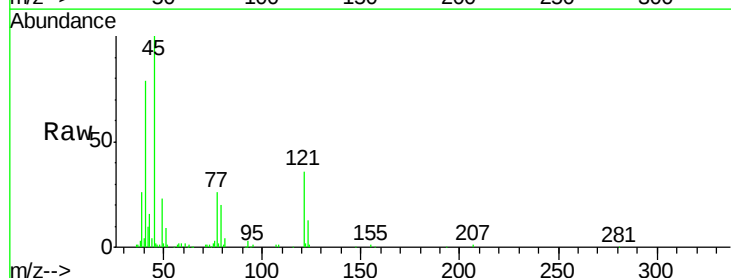
Tgt Ion: 45 Resp: 263946

Ion Ratio Lower Upper

45 100

77 25.6 0.0 35.2

79 19.6 0.0 32.0



Abundance Ion 45.00 (44.70 to 45.70): BM010140.D (-903) (-)

Ion 77.00 (76.70 to 77.70): BM010140.D (-903) (-)

Ion 79.00 (78.70 to 79.70): BM010140.D (-903) (-)

8.49

150000

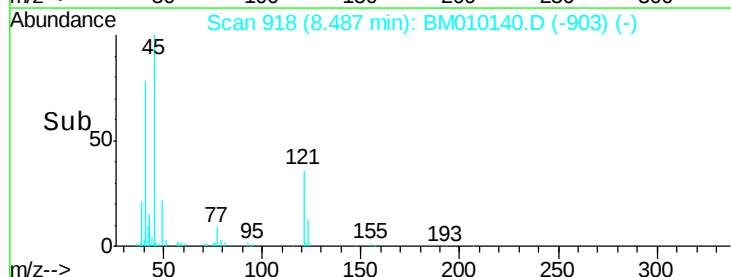
100000

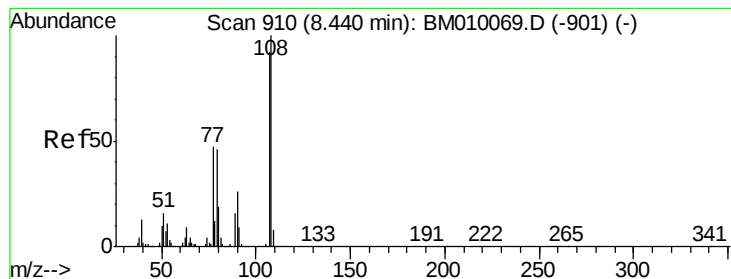
50000

0

Time-->

8.40 8.45 8.50 8.55

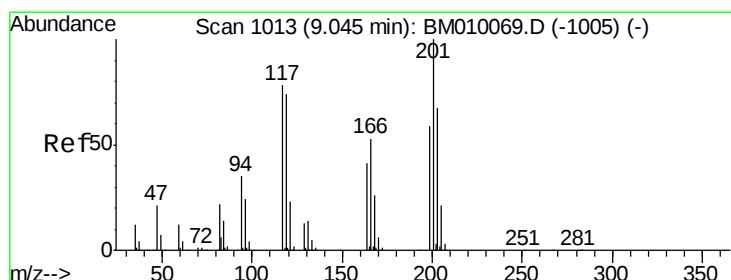
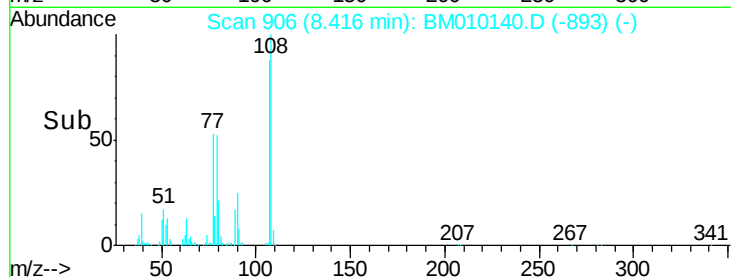
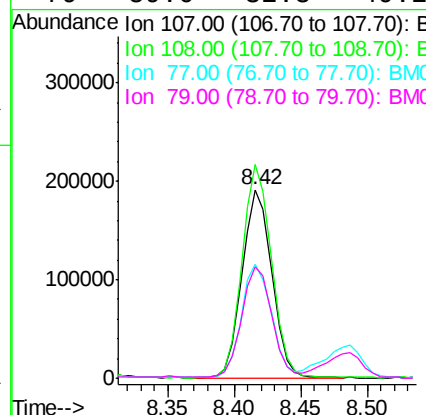
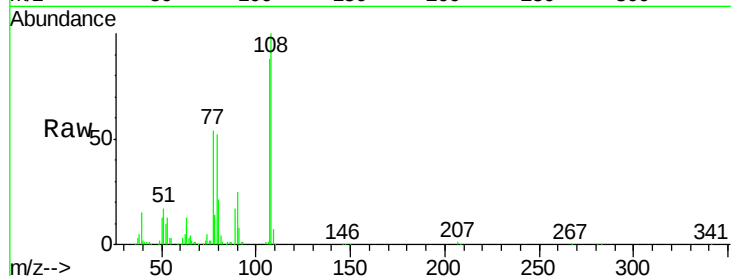




#17
 2-Methylphenol
 Concen: 38.87 ng
 RT: 8.42 min Scan# 906
 Delta R.T. -0.02 min
 Lab File: BM010140.D
 Acq: 23 May 2017 14:05

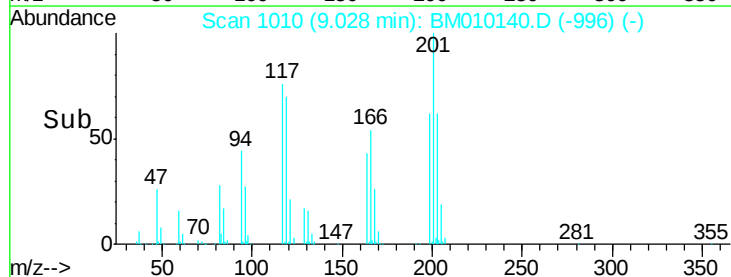
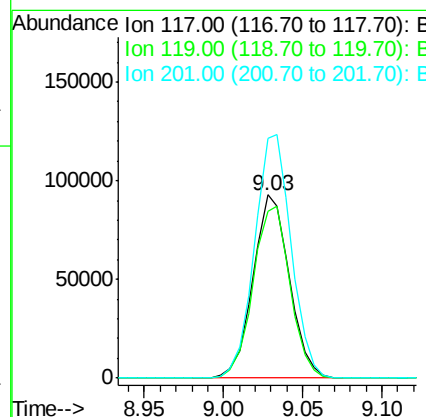
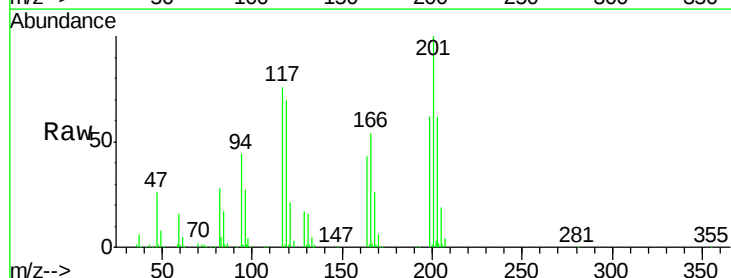
Instrument :
 BNA_M
 ClientSampleId :
 PB99180BSD

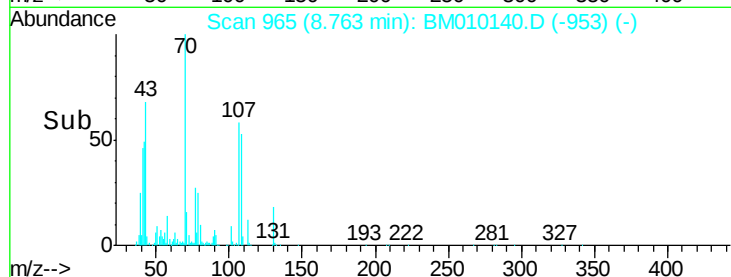
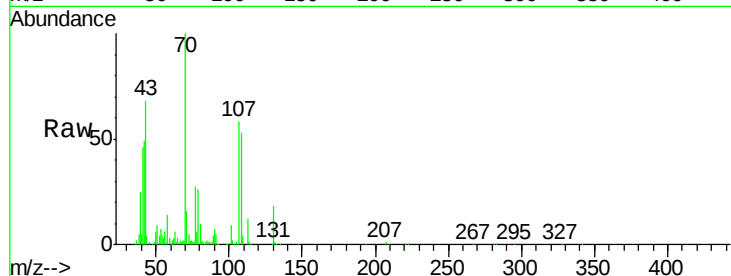
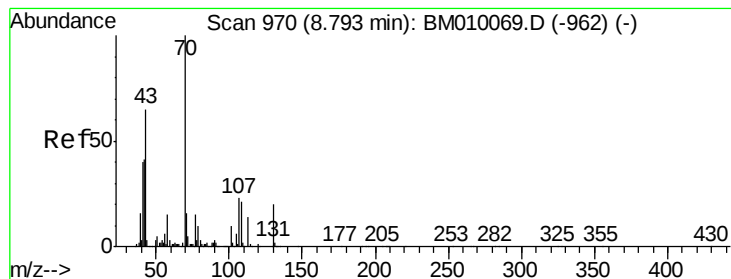
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	298679		
108	113.3	89.8	134.8	
77	60.8	32.6	48.8#	
79	59.0	32.8	49.2#	



#18
 Hexachloroethane
 Concen: 40.38 ng
 RT: 9.03 min Scan# 1010
 Delta R.T. -0.02 min
 Lab File: BM010140.D
 Acq: 23 May 2017 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	148059		
119	91.3	79.2	118.8	
201	131.1	69.8	104.6#	





#19

n-Nitroso-di-n-propylamine

Concen: 40.69 ng

RT: 8.76 min Scan# 965

Delta R.T. -0.03 min

Lab File: BM010140.D

Acq: 23 May 2017 14:05

Instrument :

BNA_M

ClientSampleId :

PB99180BSD

Tgt Ion: 70 Resp: 294312

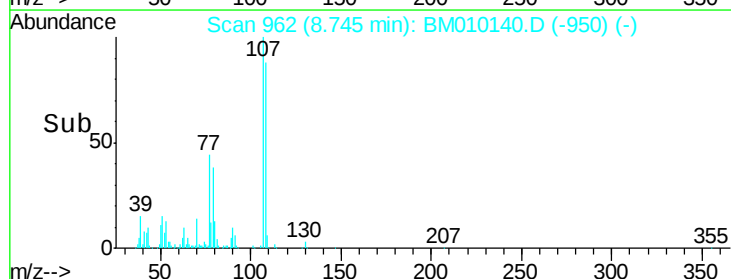
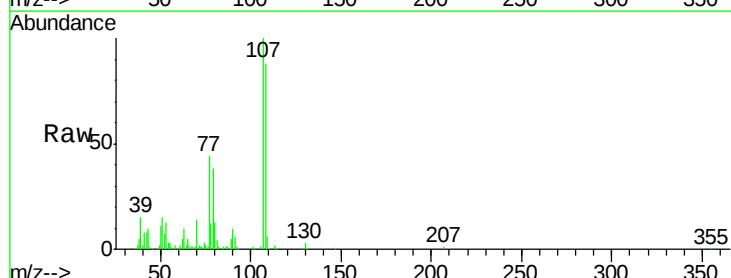
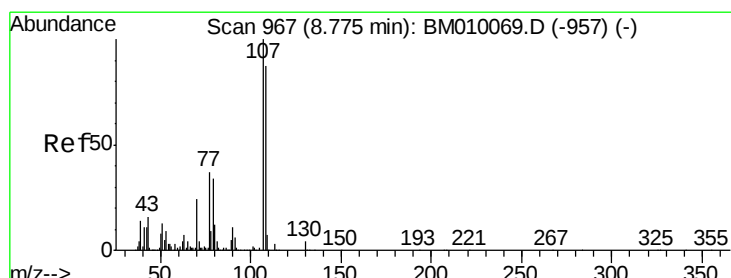
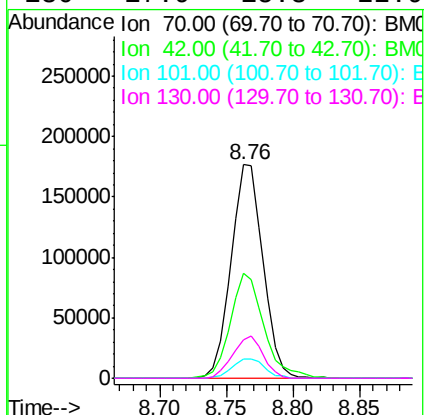
Ion Ratio Lower Upper

70 100

42 49.3 44.5 66.7

101 9.1 7.4 11.2

130 17.9 15.3 22.9



#20

3+4-Methylphenols

Concen: 38.62 ng

RT: 8.75 min Scan# 962

Delta R.T. -0.03 min

Lab File: BM010140.D

Acq: 23 May 2017 14:05

Tgt Ion: 107 Resp: 400791

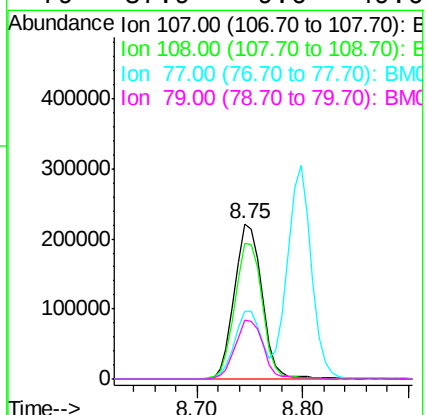
Ion Ratio Lower Upper

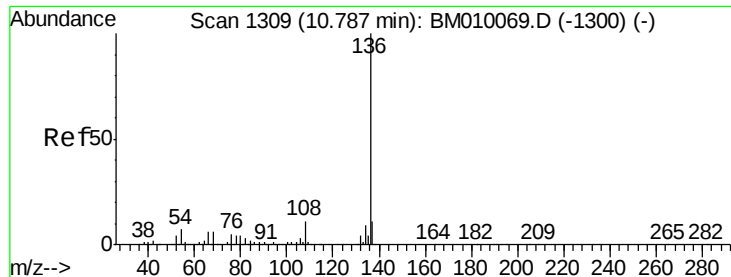
107 100

108 87.8 73.2 113.2

77 44.0 10.7 50.7

79 37.9 9.6 49.6

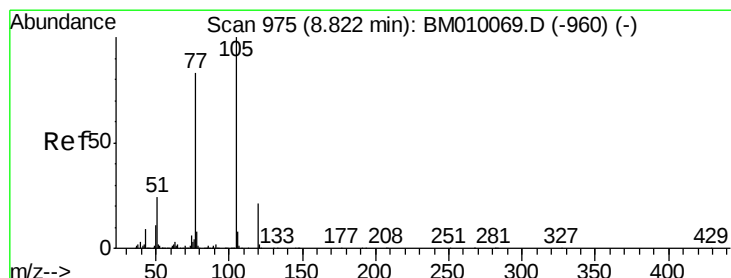
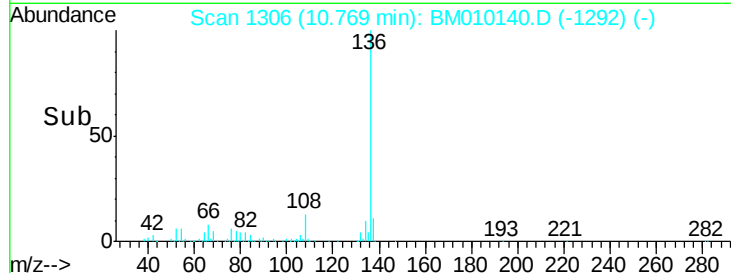
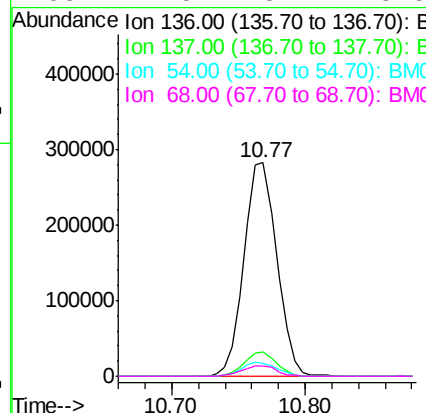
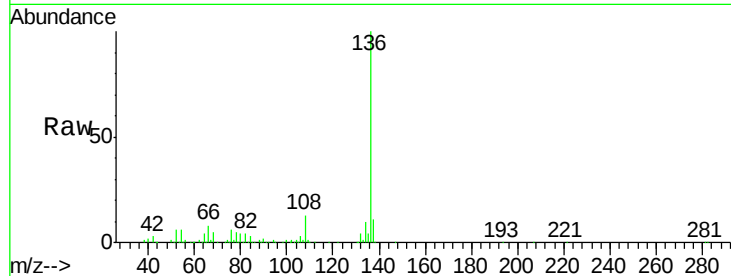




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.77 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BM010140.D
Acq: 23 May 2017 14:05

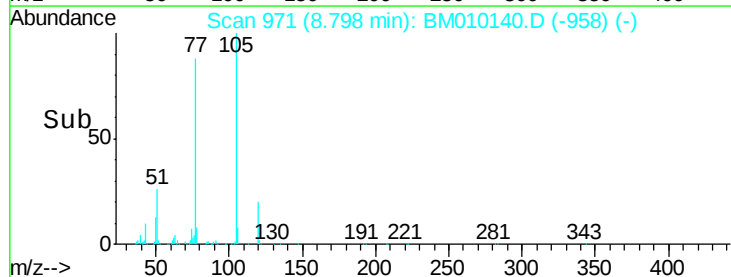
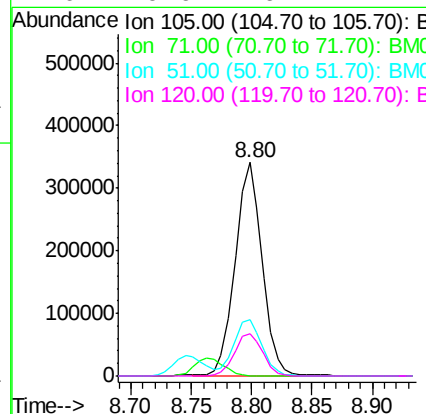
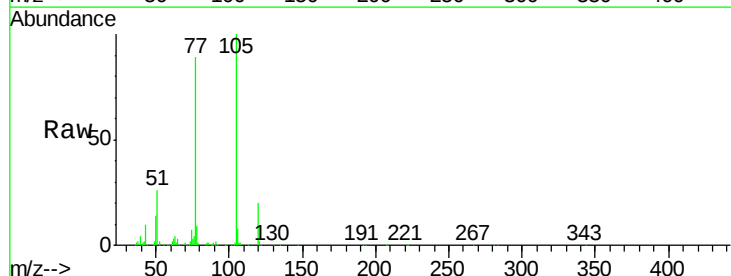
Instrument :
BNA_M
ClientSampleId :
PB99180BSD

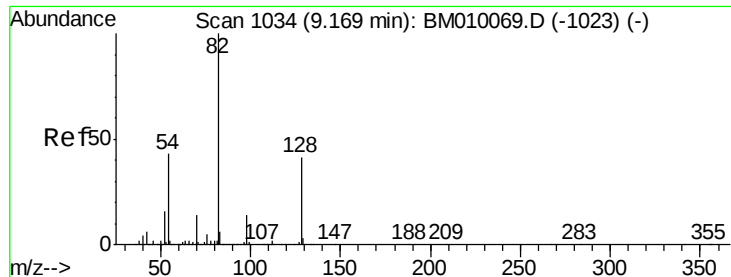
Tgt Ion:	136	Resp:	481486
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	6.2	4.6	6.8
68	4.8	3.7	5.5



#22
Acetophenone
Concen: 42.79 ng
RT: 8.80 min Scan# 971
Delta R.T. -0.02 min
Lab File: BM010140.D
Acq: 23 May 2017 14:05

Tgt Ion:	105	Resp:	528129
Ion	Ratio	Lower	Upper
105	100		
71	0.1	0.6	1.0#
51	26.5	21.6	32.4
120	19.9	16.1	24.1

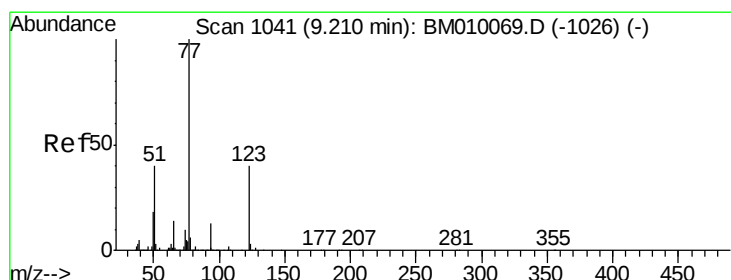
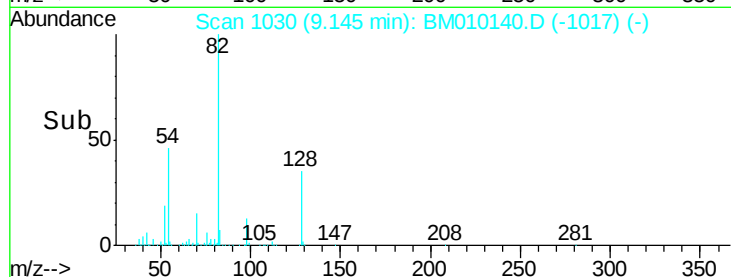
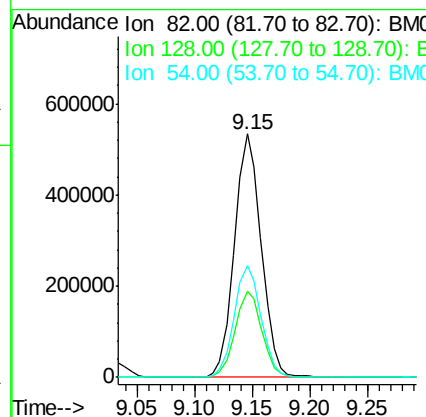
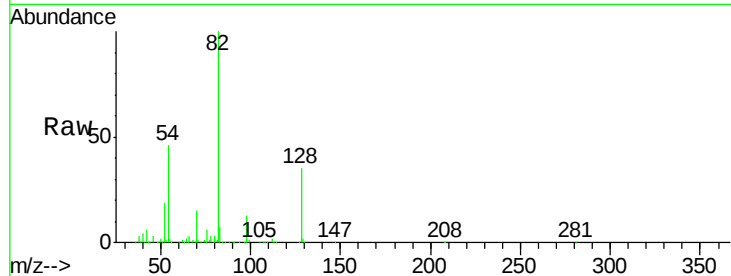




#23
 Nitrobenzene-d5
 Concen: 96.22 ng
 RT: 9.15 min Scan# 1030
 Delta R.T. -0.02 min
 Lab File: BM010140.D
 Acq: 23 May 2017 14:05

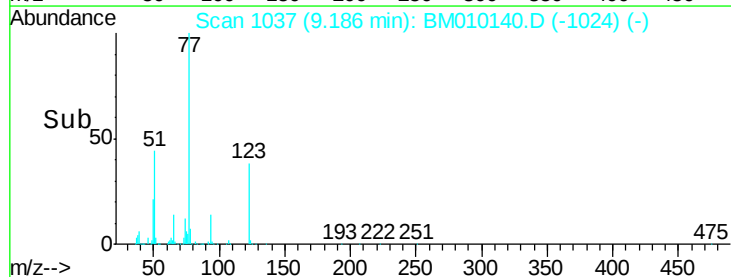
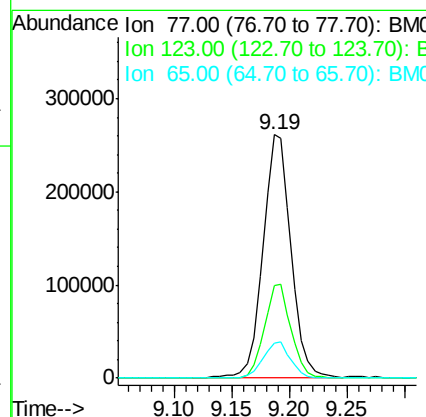
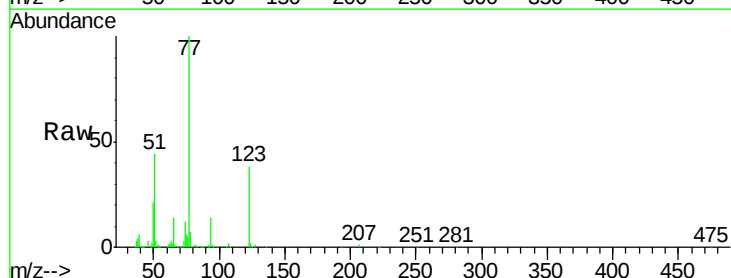
Instrument :
 BNA_M
 ClientSampleId :
 PB99180BSD

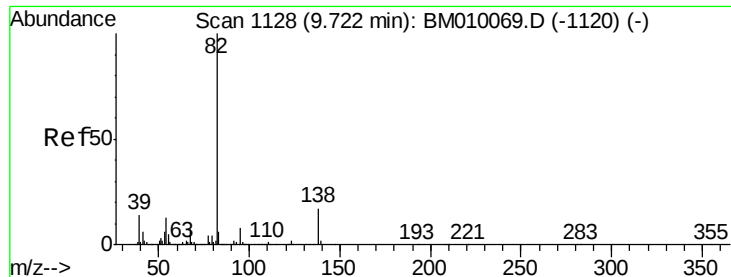
Tgt Ion: 82 Resp: 858708
 Ion Ratio Lower Upper
 82 100
 128 35.1 32.8 49.2
 54 46.0 40.6 60.8



#24
 Nitrobenzene
 Concen: 47.99 ng
 RT: 9.19 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BM010140.D
 Acq: 23 May 2017 14:05

Tgt Ion: 77 Resp: 441179
 Ion Ratio Lower Upper
 77 100
 123 38.1 32.6 49.0
 65 14.3 10.9 16.3





#25

Isophorone

Concen: 46.07 ng

RT: 9.69 min Scan# 1123

Delta R.T. -0.03 min

Lab File: BM010140.D

Acq: 23 May 2017 14:05

Instrument :

BNA_M

ClientSampleId :

PB99180BSD

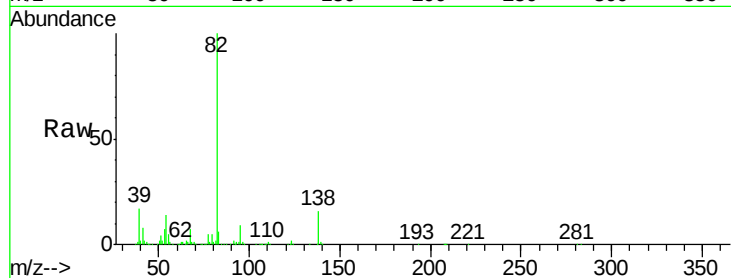
Tgt Ion: 82 Resp: 710451

Ion Ratio Lower Upper

82 100

95 9.0 5.8 8.6#

138 16.2 16.3 24.5#



Abundance Ion 82.00 (81.70 to 82.70): BM010140.D (-1123) (-)

Ion 95.00 (94.70 to 95.70): BM010140.D (-1123) (-)

Ion 138.00 (137.70 to 138.70): BM010140.D (-1123) (-)

9.69

400000

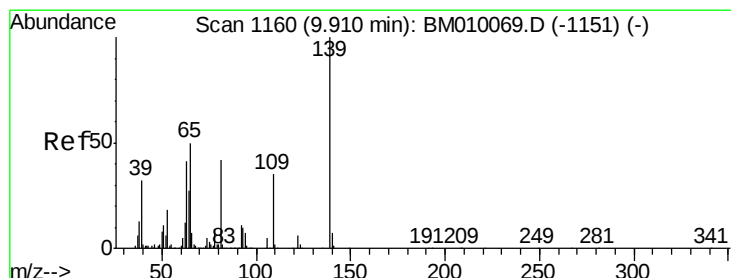
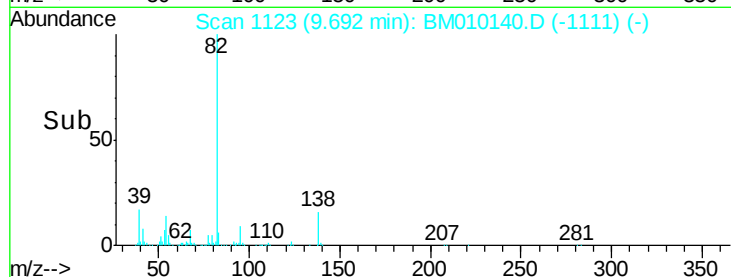
300000

200000

100000

0

Time-->



#26

2-Nitrophenol

Concen: 45.66 ng

RT: 9.89 min Scan# 1157

Delta R.T. -0.02 min

Lab File: BM010140.D

Acq: 23 May 2017 14:05

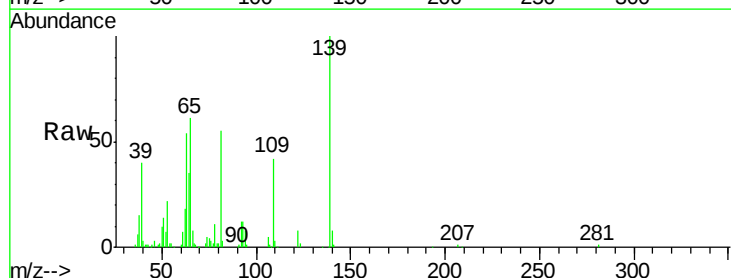
Tgt Ion: 139 Resp: 176954

Ion Ratio Lower Upper

139 100

109 42.1 20.1 30.1#

65 60.7 31.5 47.3#



Abundance Ion 139.00 (138.70 to 139.70): BM010140.D (-1157) (-)

Ion 109.00 (108.70 to 109.70): BM010140.D (-1157) (-)

Ion 65.00 (64.70 to 65.70): BM010140.D (-1157) (-)

9.89

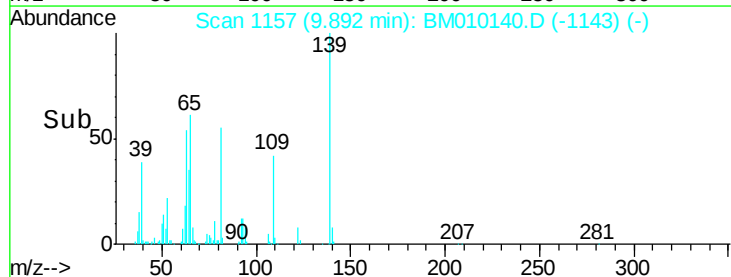
150000

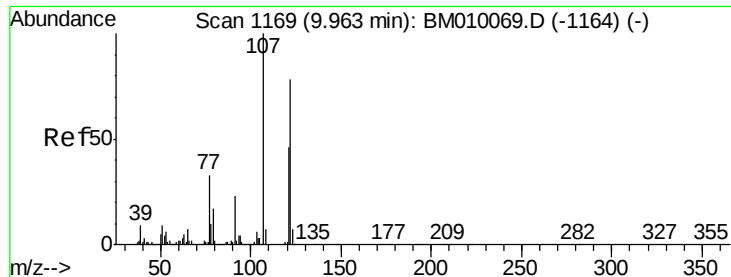
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50000

0

Time-->

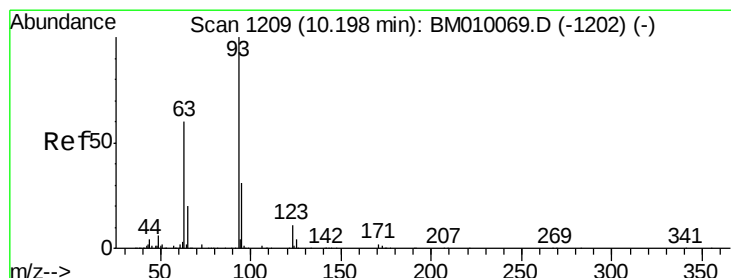
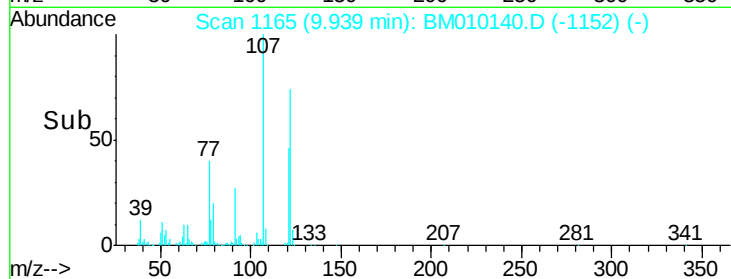
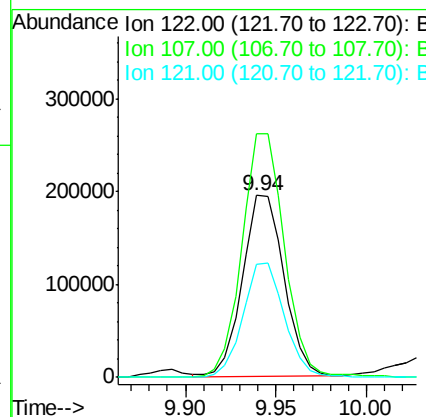
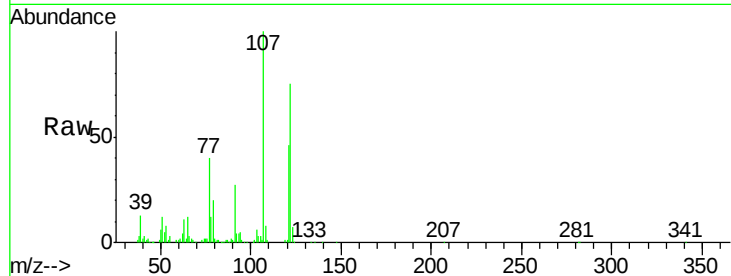




#27
2,4-Dimethylphenol
Concen: 43.95 ng
RT: 9.94 min Scan# 1165
Delta R.T. -0.02 min
Lab File: BM010140.D
Acq: 23 May 2017 14:05

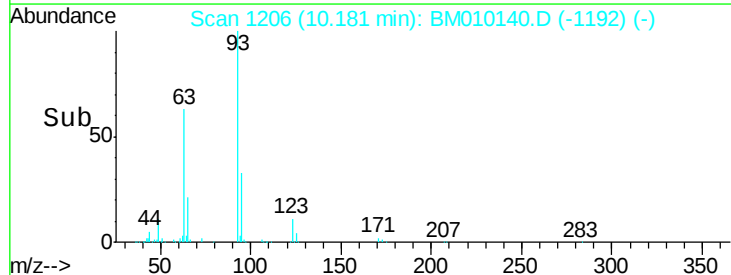
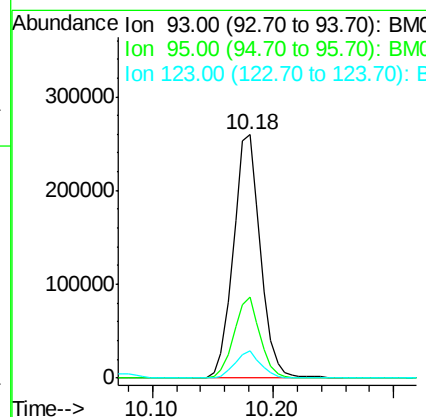
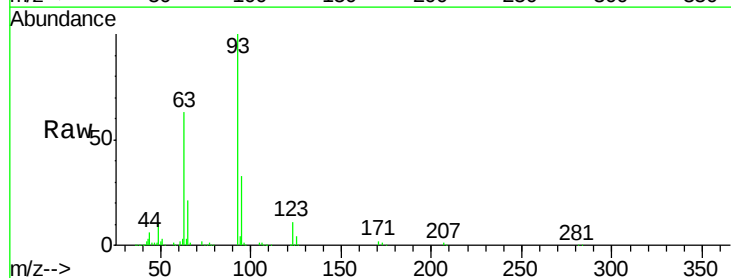
Instrument :
BNA_M
ClientSampleId :
PB99180BSD

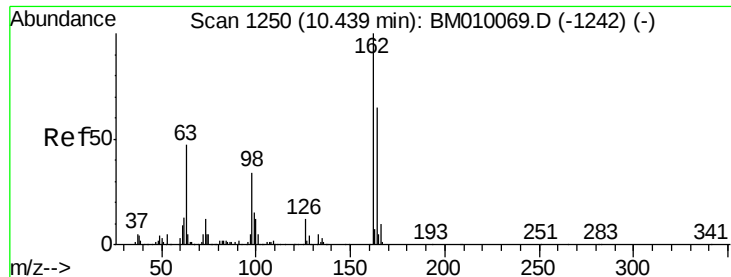
Tgt Ion	Ratio	Lower	Upper
122	100		
107	134.0	84.7	127.1#
121	62.1	46.6	69.8



#28
bis(2-Chloroethoxy)methane
Concen: 41.42 ng
RT: 10.18 min Scan# 1206
Delta R.T. -0.02 min
Lab File: BM010140.D
Acq: 23 May 2017 14:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	25.5	38.3
123	11.3	8.6	13.0

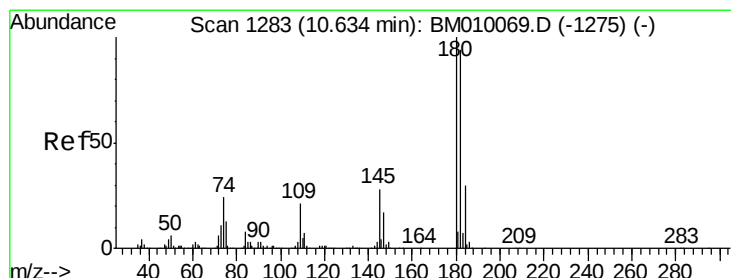
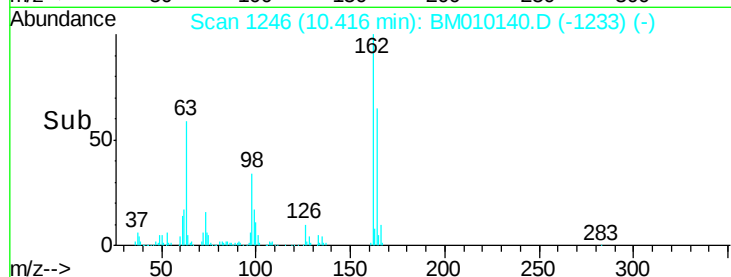
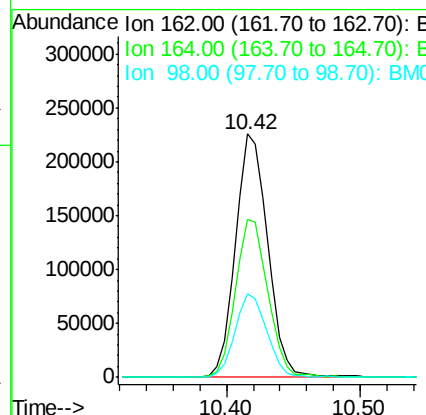
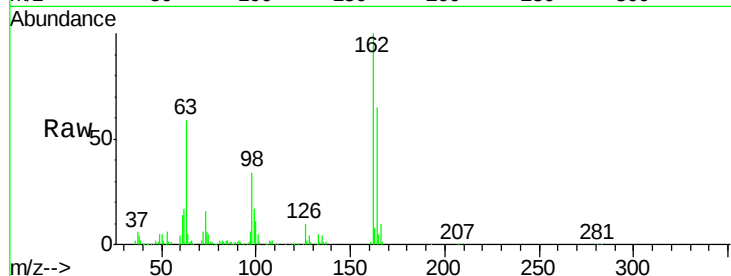




#29
 2,4-Dichlorophenol
 Concen: 47.13 ng
 RT: 10.42 min Scan# 1246
 Delta R.T. -0.02 min
 Lab File: BM010140.D
 Acq: 23 May 2017 14:05

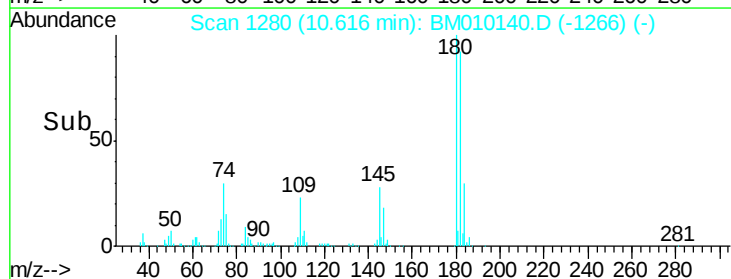
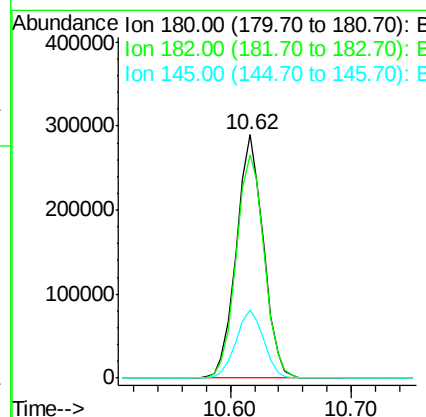
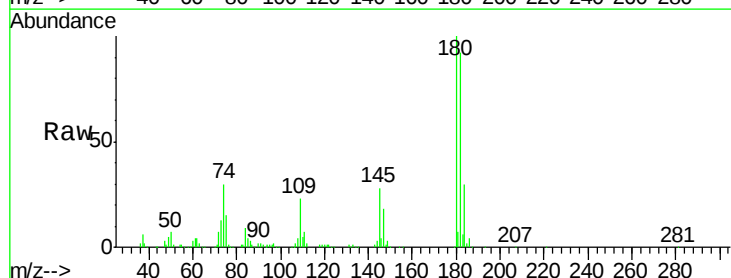
Instrument :
 BNA_M
 ClientSampleId :
 PB99180BSD

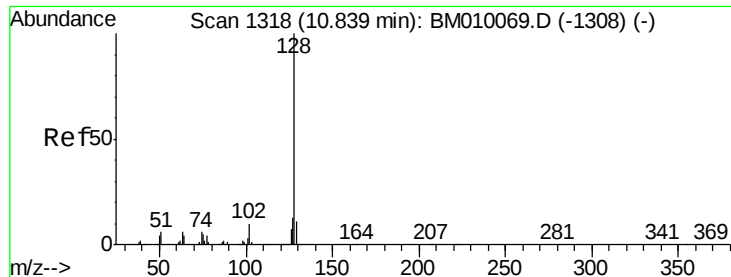
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.0	42.8	82.8
98	34.2	14.5	54.5



#30
 1,2,4-Trichlorobenzene
 Concen: 43.36 ng
 RT: 10.62 min Scan# 1280
 Delta R.T. -0.02 min
 Lab File: BM010140.D
 Acq: 23 May 2017 14:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.6	77.6	116.4
145	28.1	23.4	35.2

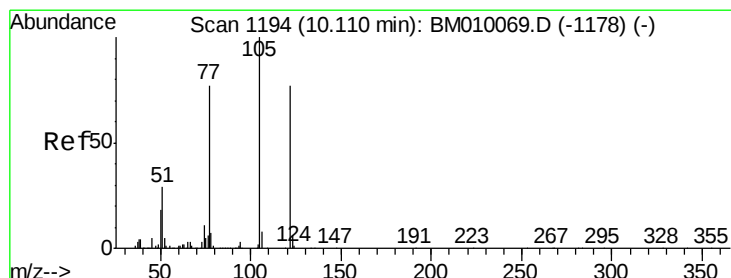
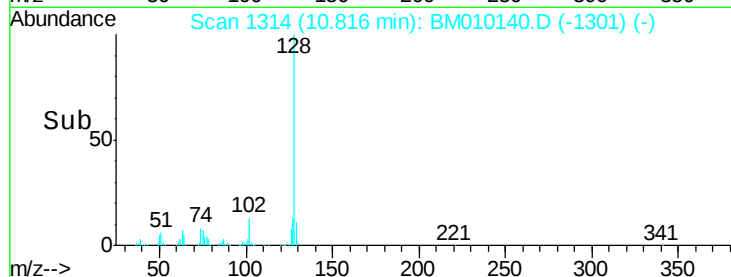
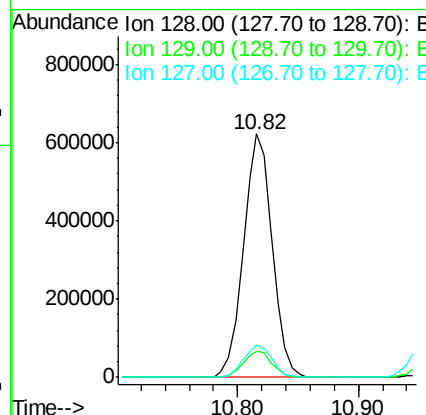
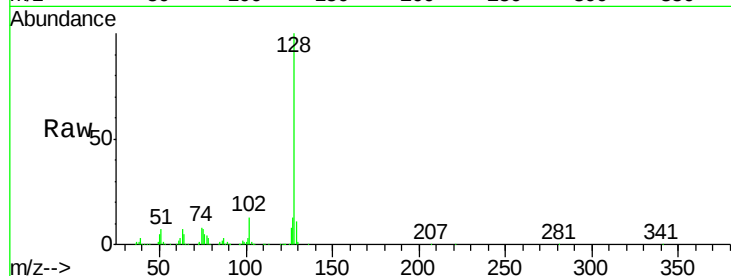




#31
Naphthalene
Concen: 39.77 ng
RT: 10.82 min Scan# 1314
Delta R.T. -0.02 min
Lab File: BM010140.D
Acq: 23 May 2017 14:05

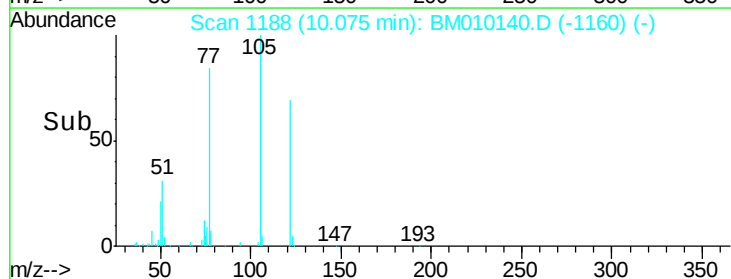
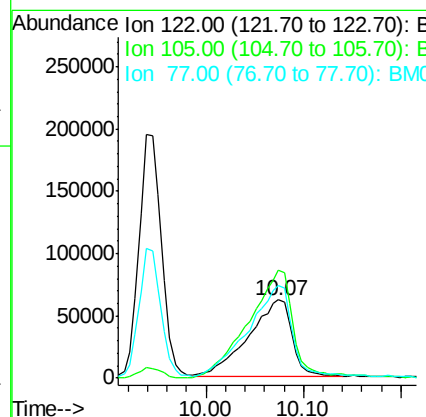
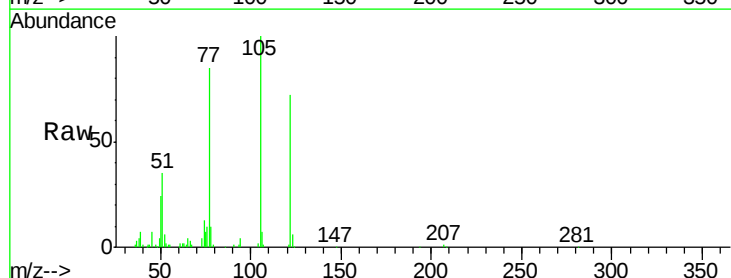
Instrument :
BNA_M
ClientSampleId :
PB99180BSD

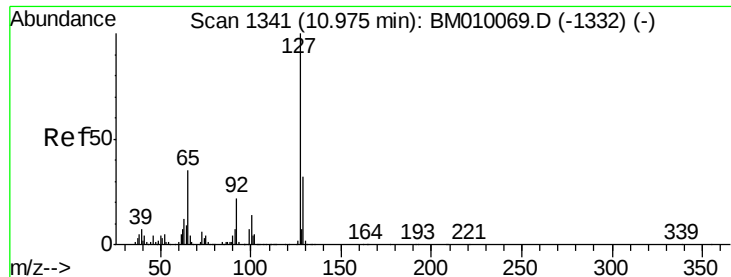
Tgt Ion:128 Resp: 1024393
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.3 10.4 15.6



#32
Benzoic acid
Concen: 40.19 ng
RT: 10.07 min Scan# 1188
Delta R.T. -0.04 min
Lab File: BM010140.D
Acq: 23 May 2017 14:05

Tgt Ion:122 Resp: 191655
Ion Ratio Lower Upper
122 100
105 138.7 99.9 139.9
77 118.5 73.7 113.7#

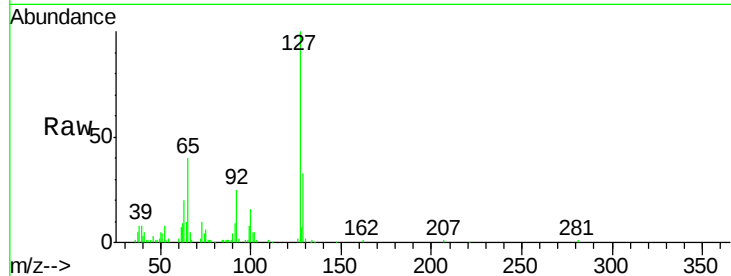




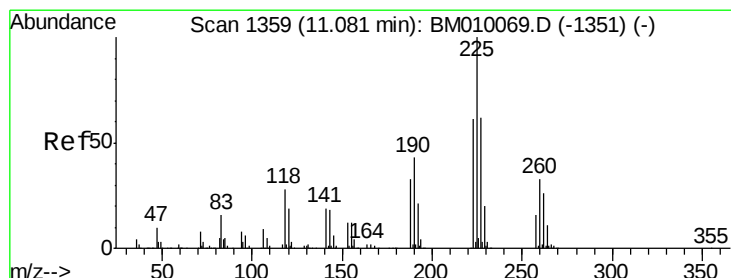
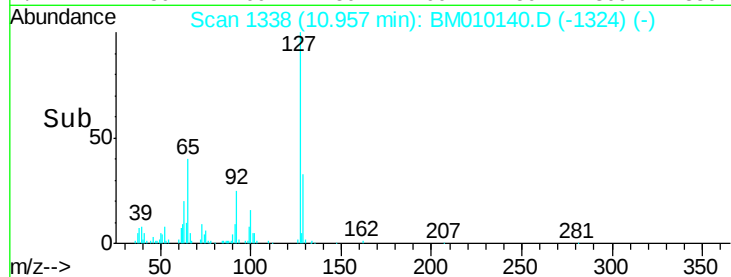
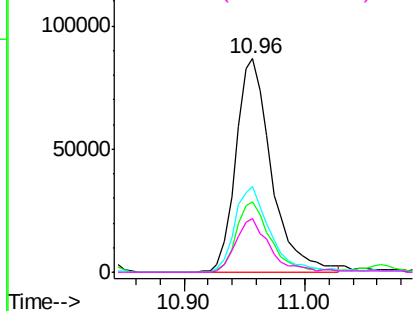
#33
4-Chloroaniline
Concen: 17.93 ng
RT: 10.96 min Scan# 1338
Delta R.T. -0.02 min
Lab File: BM010140.D
Acq: 23 May 2017 14:05

Instrument :
BNA_M
ClientSampleId :
PB99180BSD

Tgt Ion:	127	Resp:	177943
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.3	37.9
65	40.2	17.6	26.4
92	24.9	13.1	19.7

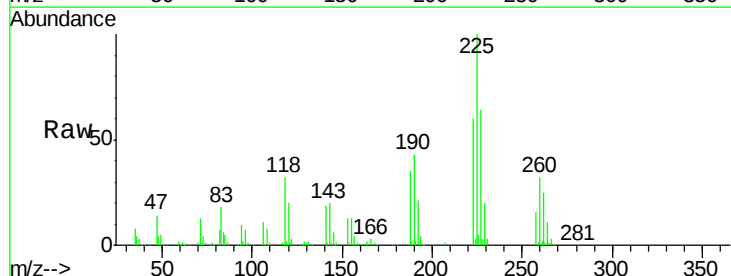


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

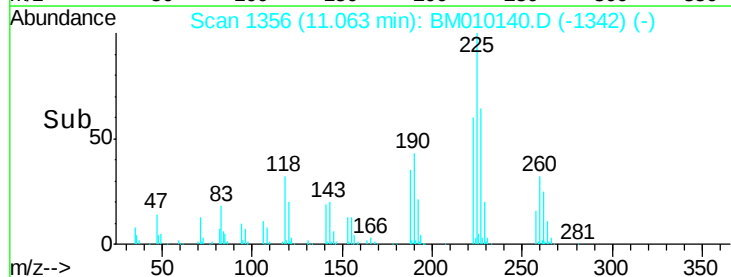
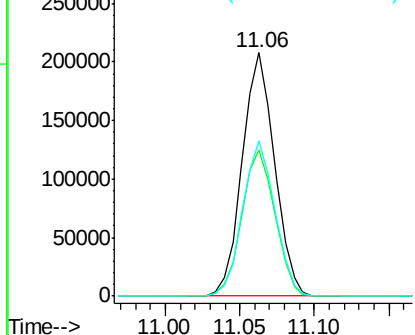


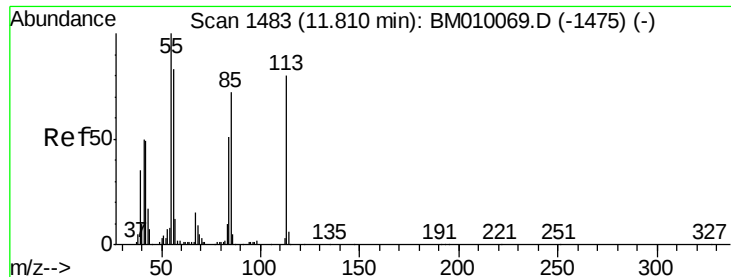
#34
Hexachlorobutadiene
Concen: 44.87 ng
RT: 11.06 min Scan# 1356
Delta R.T. -0.02 min
Lab File: BM010140.D
Acq: 23 May 2017 14:05

Tgt Ion:	225	Resp:	312029
Ion	Ratio	Lower	Upper
225	100		
223	60.1	47.9	71.9
227	63.7	50.1	75.1



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





#35

Caprolactam

Concen: 41.67 ng

RT: 11.76 min Scan# 1474

Delta R.T. -0.05 min

Lab File: BM010140.D

Acq: 23 May 2017 14:05

Instrument :

BNA_M

ClientSampleId :

PB99180BSD

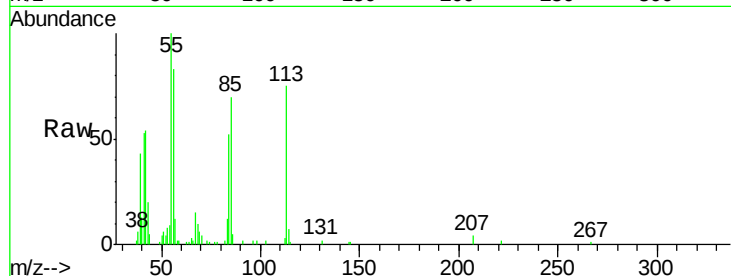
Tgt Ion:113 Resp: 96326

Ion Ratio Lower Upper

113 100

55 133.6 145.9 185.9#

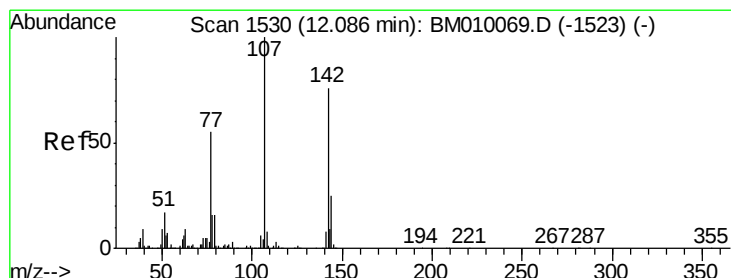
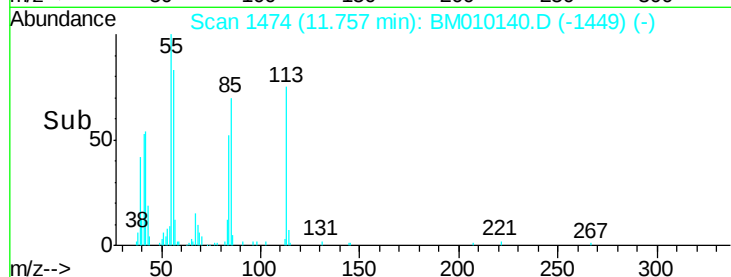
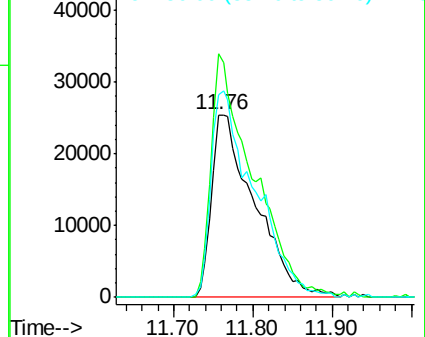
56 111.0 101.0 141.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 42.99 ng

RT: 12.07 min Scan# 1527

Delta R.T. -0.02 min

Lab File: BM010140.D

Acq: 23 May 2017 14:05

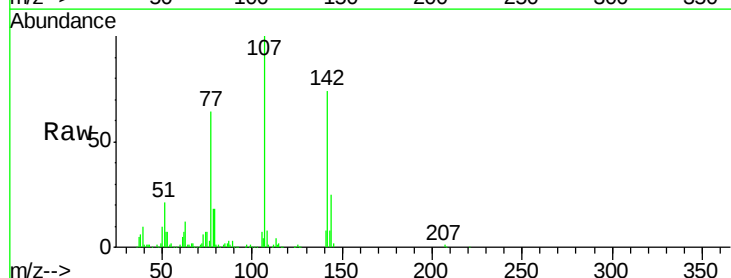
Tgt Ion:107 Resp: 375094

Ion Ratio Lower Upper

107 100

144 24.6 23.3 34.9

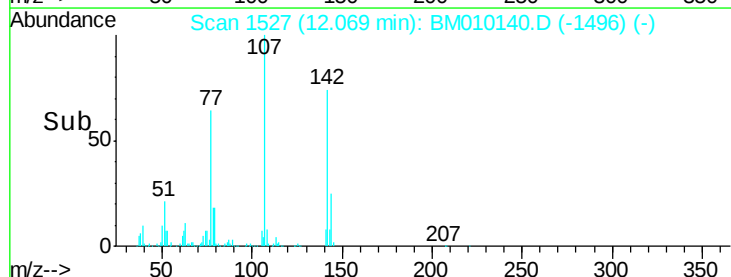
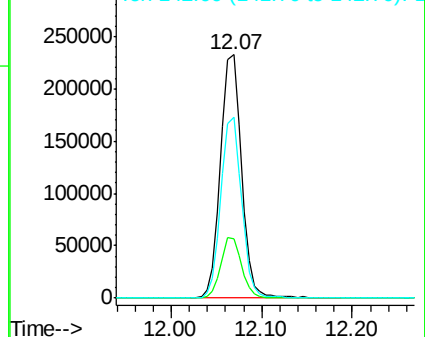
142 74.5 72.6 109.0

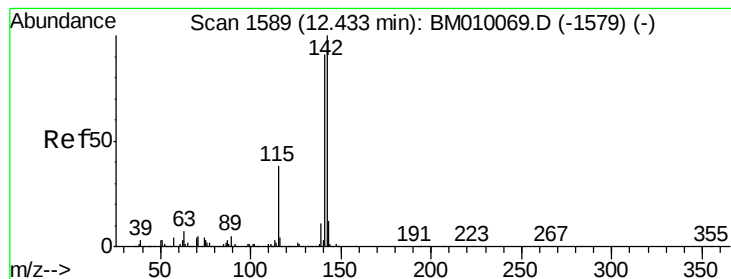


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.50 ng

RT: 12.42 min Scan# 1586

Delta R.T. -0.02 min

Lab File: BM010140.D

Acq: 23 May 2017 14:05

Instrument :

BNA_M

ClientSampleId :

PB99180BSD

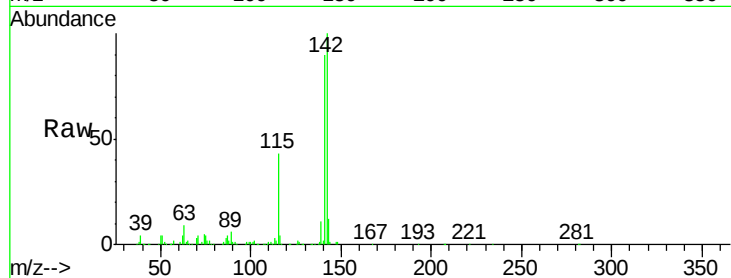
Tgt Ion:142 Resp: 806700

Ion Ratio Lower Upper

142 100

141 89.8 71.9 107.9

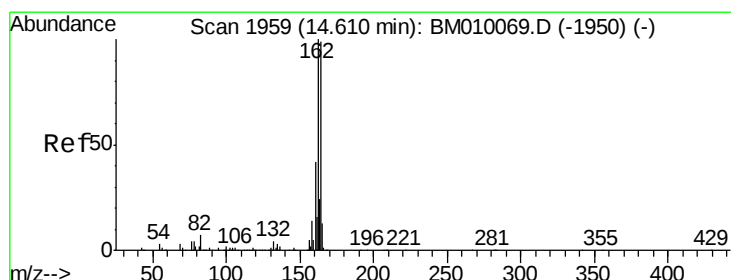
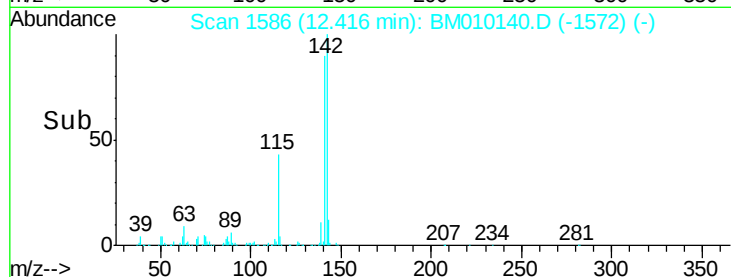
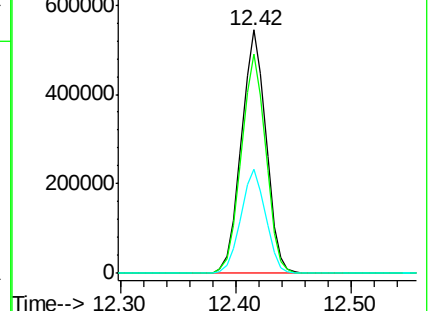
115 42.6 25.4 38.0#



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: 14.59 min Scan# 1956

Delta R.T. -0.02 min

Lab File: BM010140.D

Acq: 23 May 2017 14:05

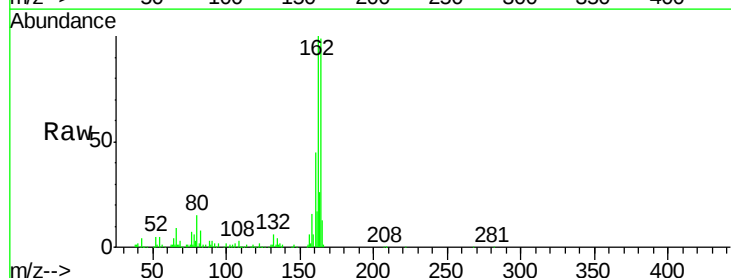
Tgt Ion:164 Resp: 308320

Ion Ratio Lower Upper

164 100

162 100.8 82.4 123.6

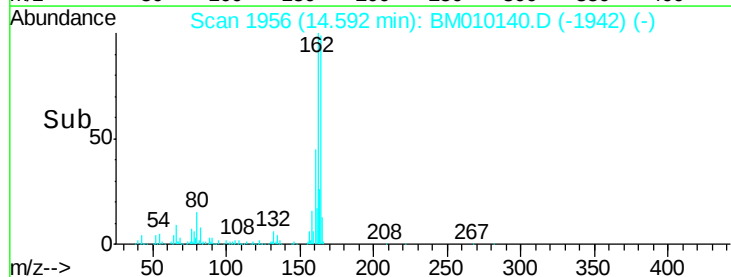
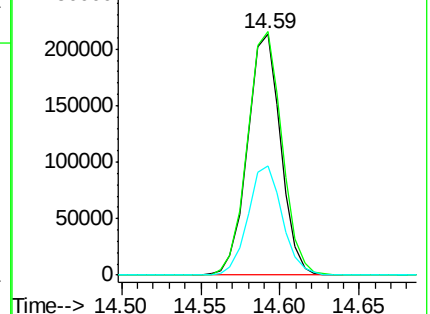
160 45.2 35.8 53.6

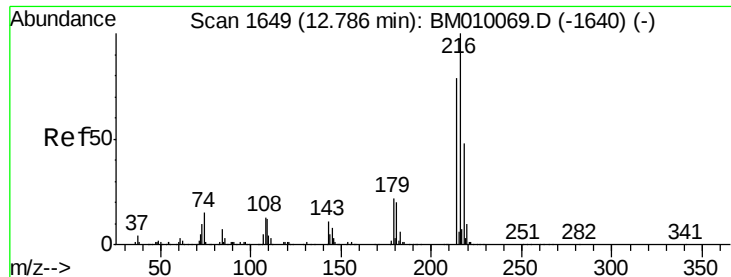


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

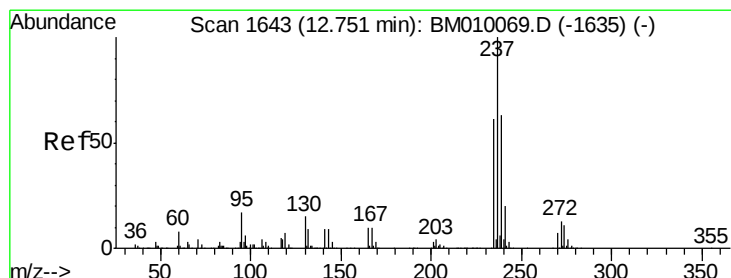
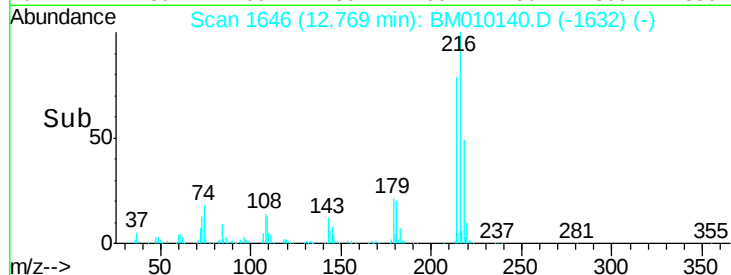
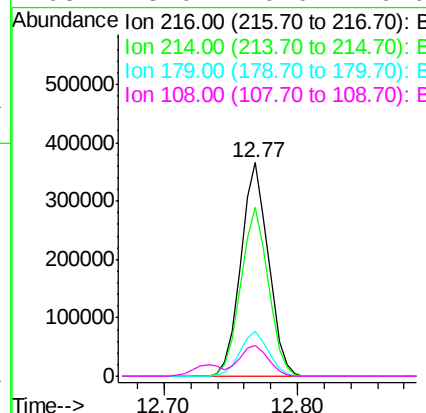
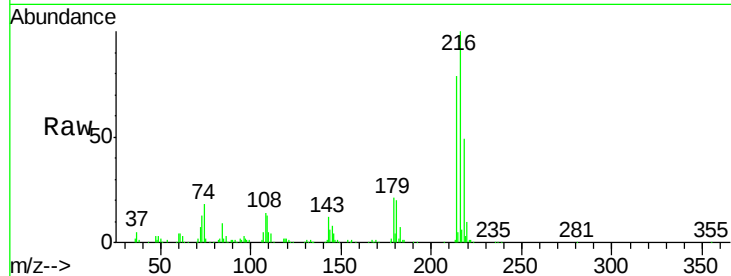




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.10 ng
 RT: 12.77 min Scan# 1646
 Delta R.T. -0.02 min
 Lab File: BM010140.D
 Acq: 23 May 2017 14:05

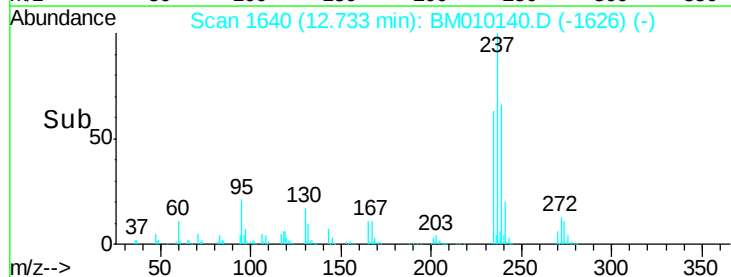
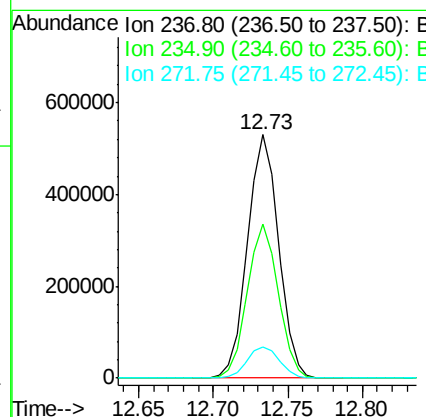
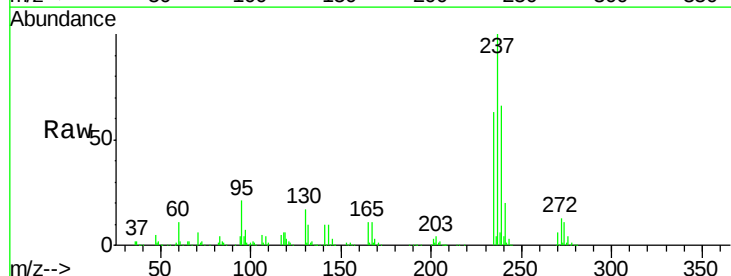
Instrument :
 BNA_M
 ClientSampleId :
 PB99180BSD

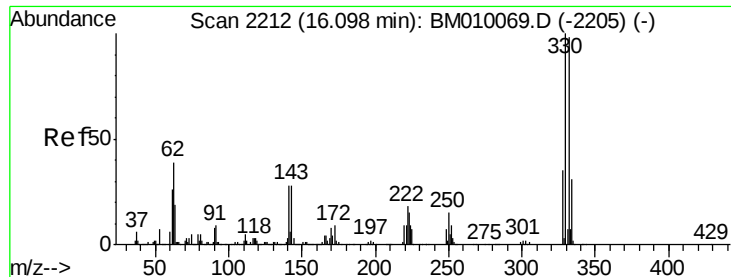
Tgt Ion:	216	Resp:	522861
Ion	Ratio	Lower	Upper
216	100		
214	79.5	0.0	0.0#
179	21.7	0.0	0.0#
108	15.0	0.0	0.0#



#40
 Hexachlorocyclopentadiene
 Concen: 111.52 ng
 RT: 12.73 min Scan# 1640
 Delta R.T. -0.02 min
 Lab File: BM010140.D
 Acq: 23 May 2017 14:05

Tgt Ion:	237	Resp:	763450
Ion	Ratio	Lower	Upper
237	100		
235	63.2	42.0	82.0
272	12.9	0.0	33.4

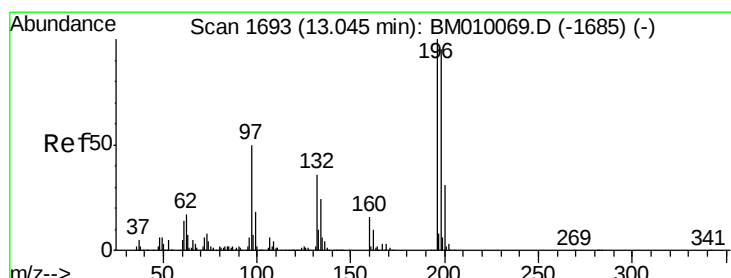
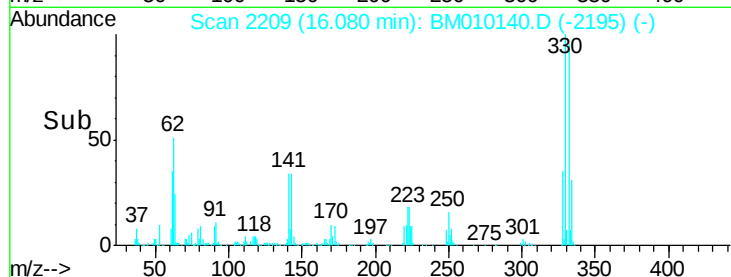
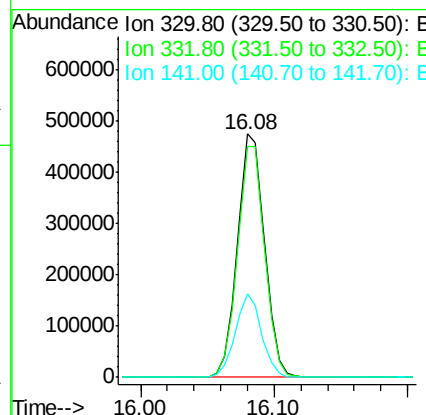
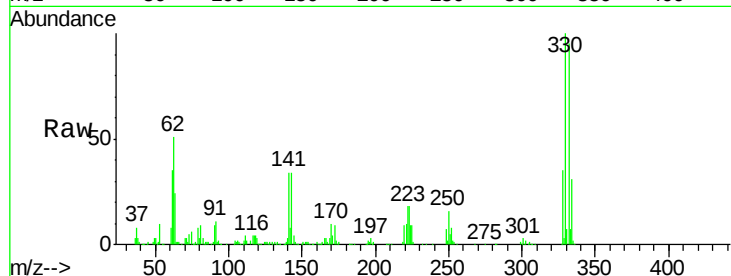




#41
 2,4,6-Tribromophenol
 Concen: 143.59 ng
 RT: 16.08 min Scan# 2209
 Delta R.T. -0.02 min
 Lab File: BM010140.D
 Acq: 23 May 2017 14:05

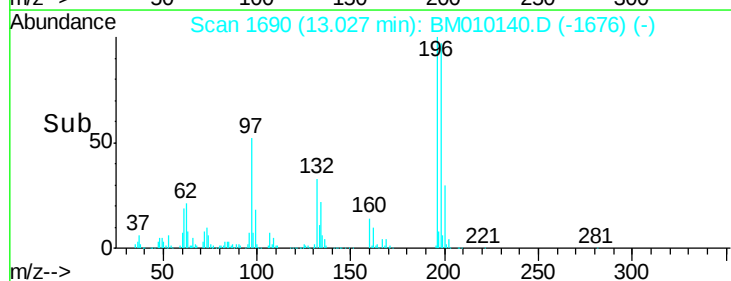
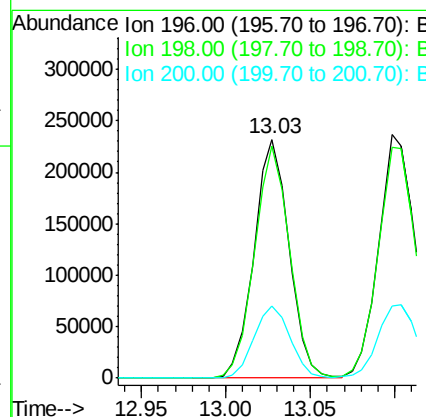
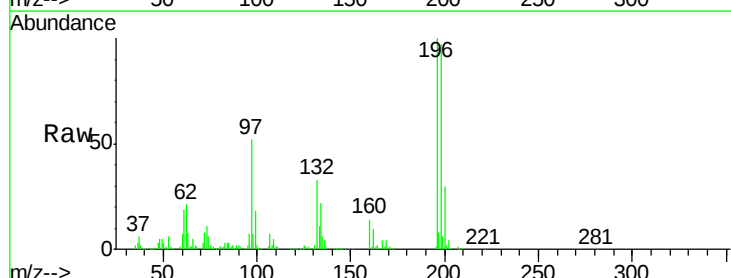
Instrument :
 BNA_M
 ClientSampleId :
 PB99180BSD

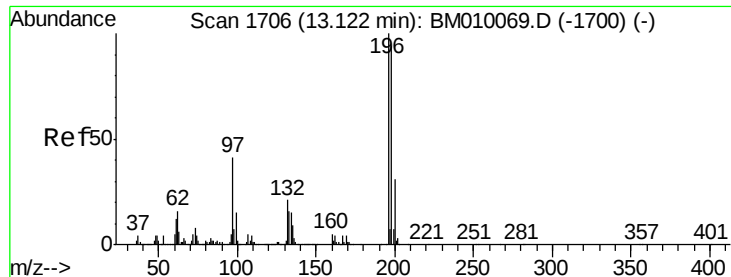
Tgt Ion:330 Resp: 672401
 Ion Ratio Lower Upper
 330 100
 332 95.3 0.0 0.0#
 141 33.3 0.0 0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 48.13 ng
 RT: 13.03 min Scan# 1690
 Delta R.T. -0.02 min
 Lab File: BM010140.D
 Acq: 23 May 2017 14:05

Tgt Ion:196 Resp: 336109
 Ion Ratio Lower Upper
 196 100
 198 97.2 76.3 114.5
 200 30.3 25.6 38.4

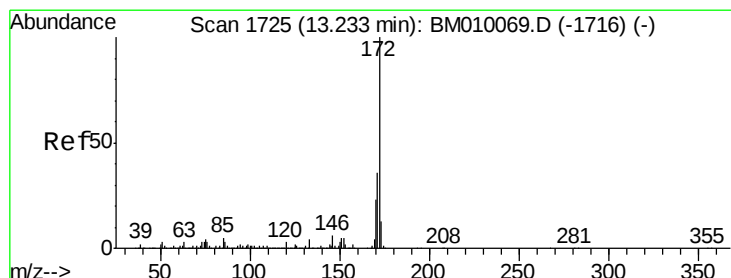
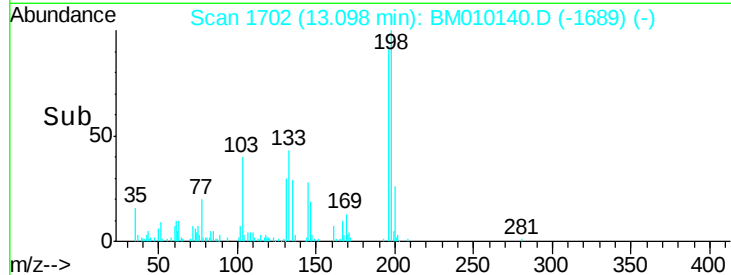
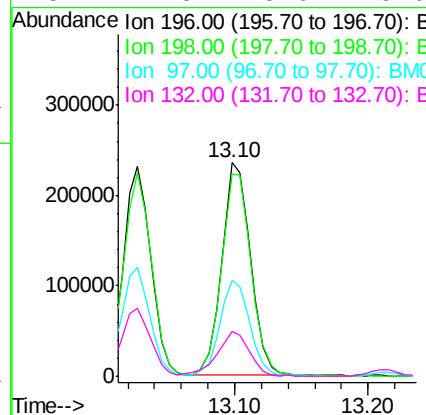
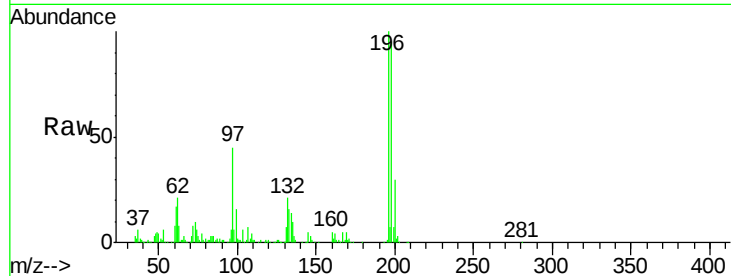




#43
2,4,5-Trichlorophenol
Concen: 46.30 ng
RT: 13.10 min Scan# 1702
Delta R.T. -0.02 min
Lab File: BM010140.D
Acq: 23 May 2017 14:05

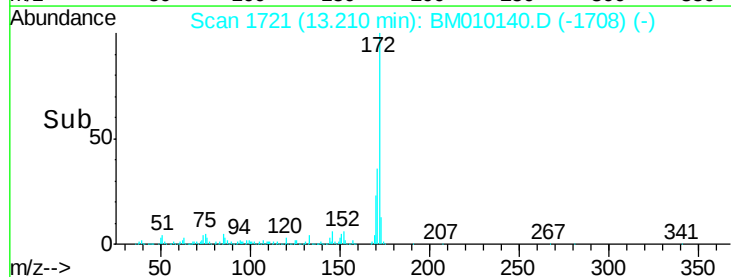
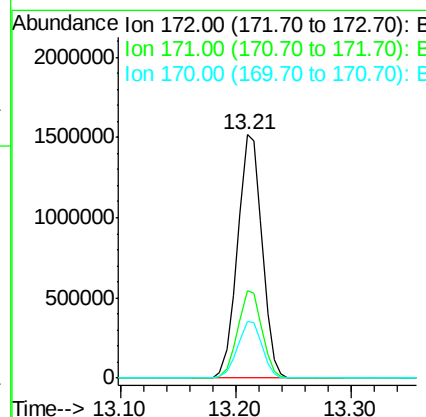
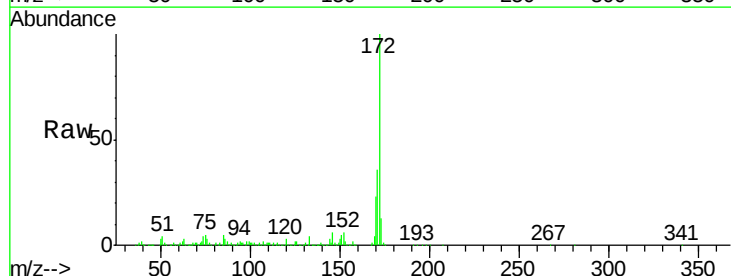
Instrument :
BNA_M
ClientSampleId :
PB99180BSD

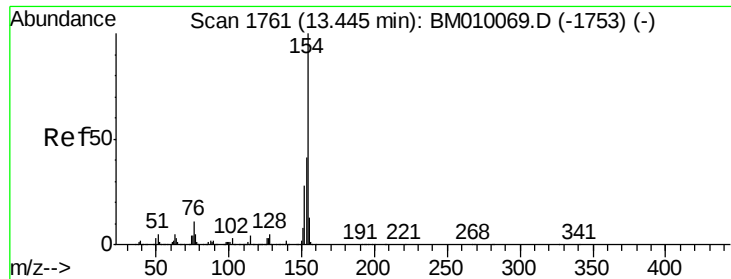
Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.6	79.4	119.0
97	44.8	26.8	40.2
132	21.3	18.6	28.0



#44
2-Fluorobiphenyl
Concen: 92.63 ng
RT: 13.21 min Scan# 1721
Delta R.T. -0.02 min
Lab File: BM010140.D
Acq: 23 May 2017 14:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	23.2	18.8	28.2

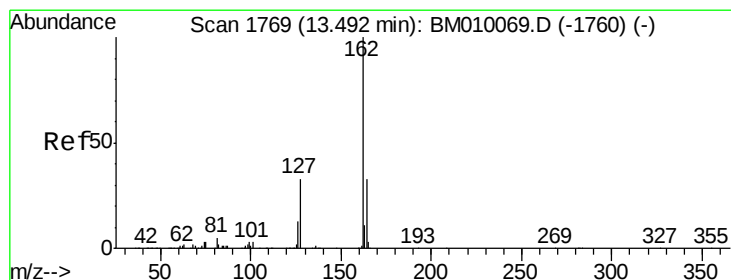
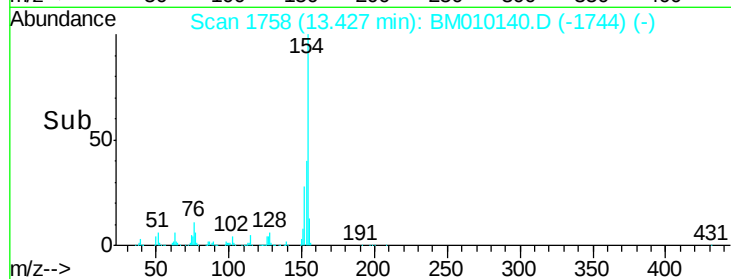
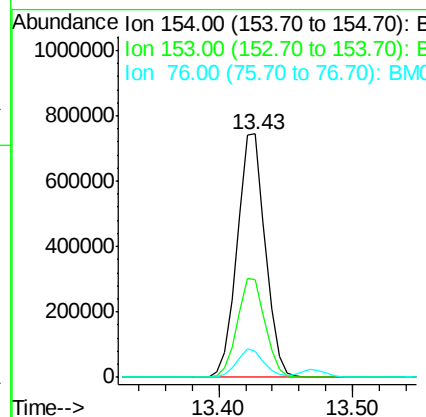
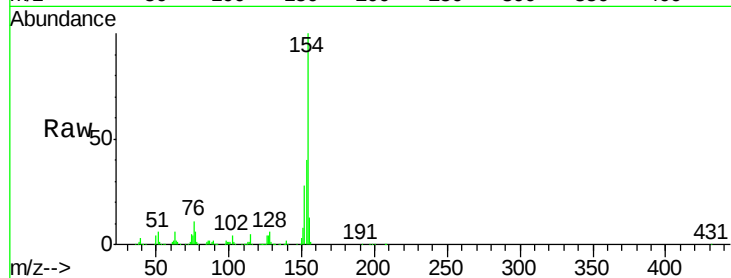




#45
 1,1'-Biphenyl
 Concen: 43.00 ng
 RT: 13.43 min Scan# 1758
 Delta R.T. -0.02 min
 Lab File: BM010140.D
 Acq: 23 May 2017 14:05

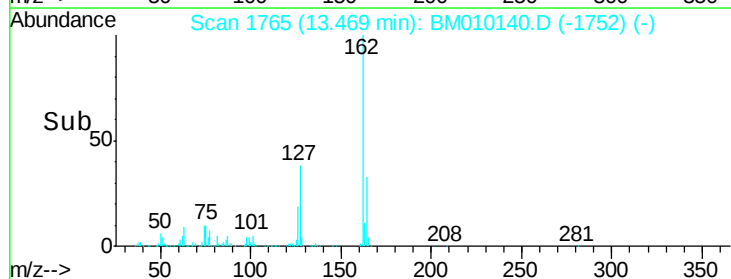
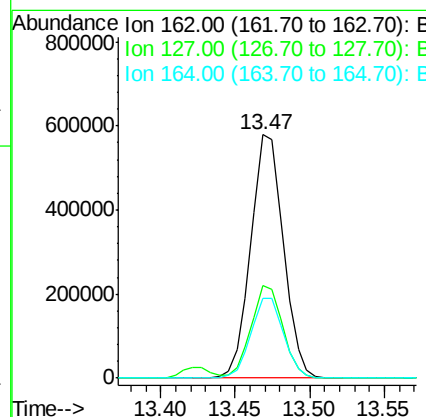
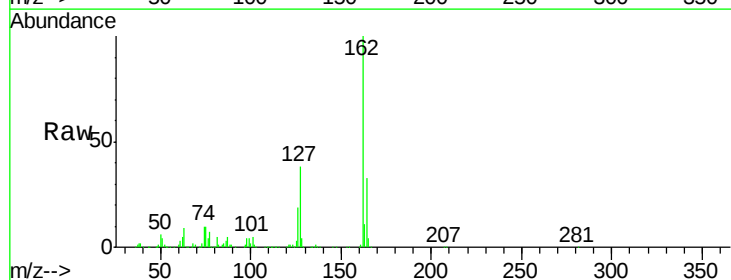
Instrument :
 BNA_M
 ClientSampleId :
 PB99180BSD

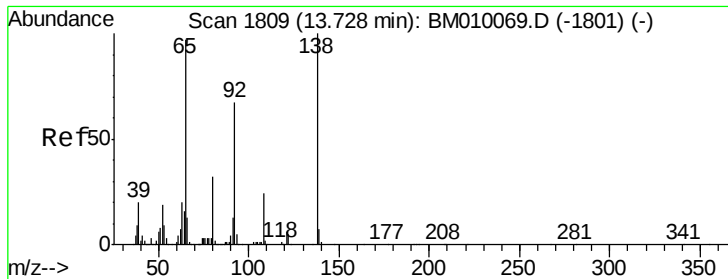
Tgt Ion:154 Resp: 1090382
 Ion Ratio Lower Upper
 154 100
 153 40.0 20.7 60.7
 76 10.5 0.0 30.9



#46
 2-Chloronaphthalene
 Concen: 42.55 ng
 RT: 13.47 min Scan# 1765
 Delta R.T. -0.02 min
 Lab File: BM010140.D
 Acq: 23 May 2017 14:05

Tgt Ion:162 Resp: 873472
 Ion Ratio Lower Upper
 162 100
 127 38.0 26.9 40.3
 164 32.9 26.8 40.2

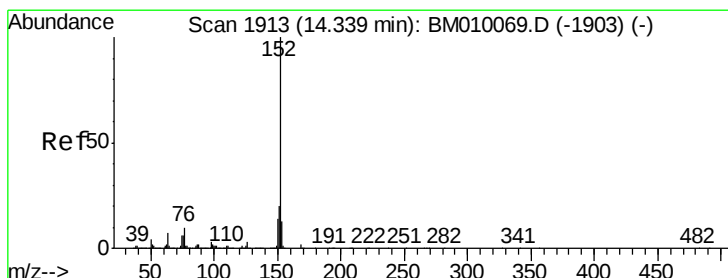
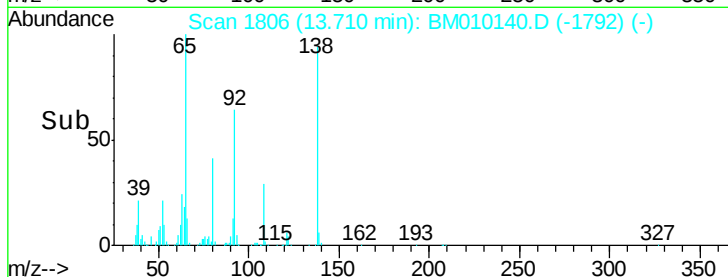
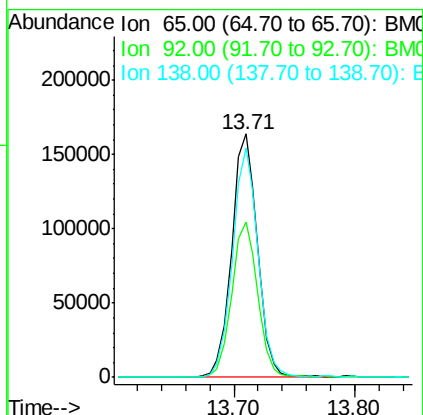
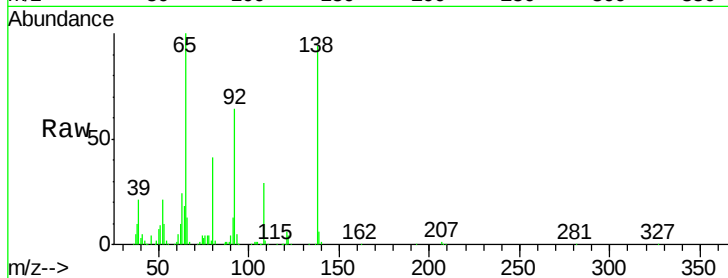




#47
2-Nitroaniline
Concen: 46.21 ng
RT: 13.71 min Scan# 1806
Delta R.T. -0.02 min
Lab File: BM010140.D
Acq: 23 May 2017 14:05

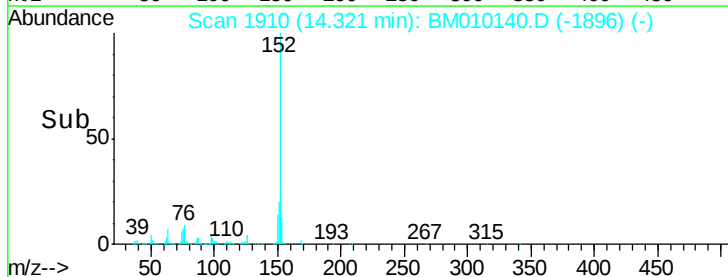
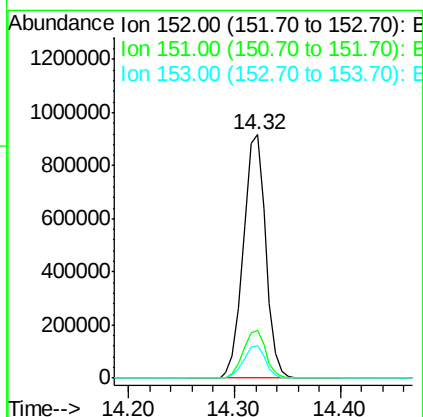
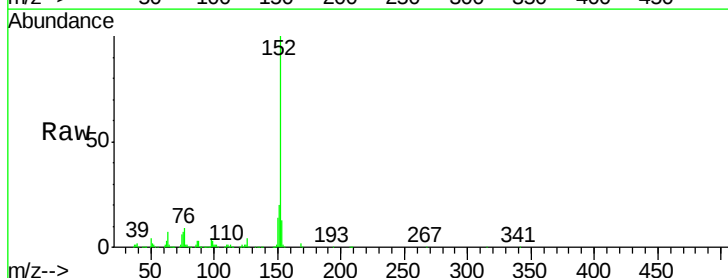
Instrument :
BNA_M
ClientSampleId :
PB99180BSD

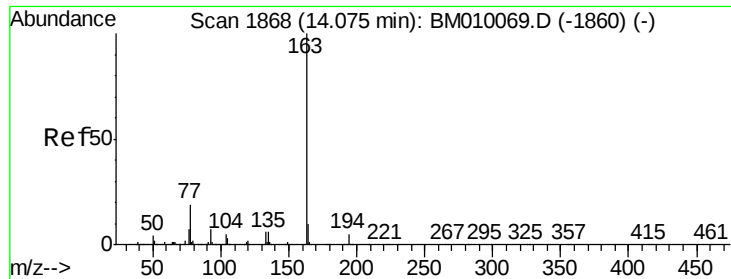
Tgt Ion: 65 Resp: 243938
Ion Ratio Lower Upper
65 100
92 64.0 59.1 88.7
138 94.0 93.9 140.9



#48
Acenaphthylene
Concen: 44.05 ng
RT: 14.32 min Scan# 1910
Delta R.T. -0.02 min
Lab File: BM010140.D
Acq: 23 May 2017 14:05

Tgt Ion: 152 Resp: 1337056
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 13.1 10.6 16.0

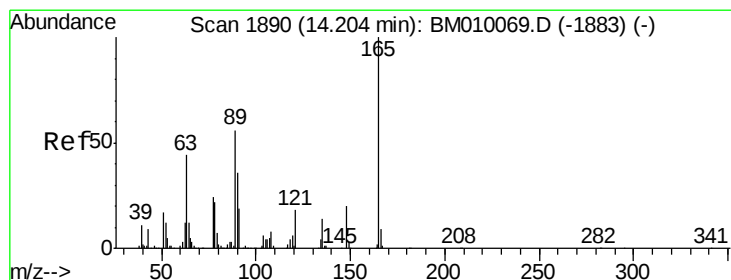
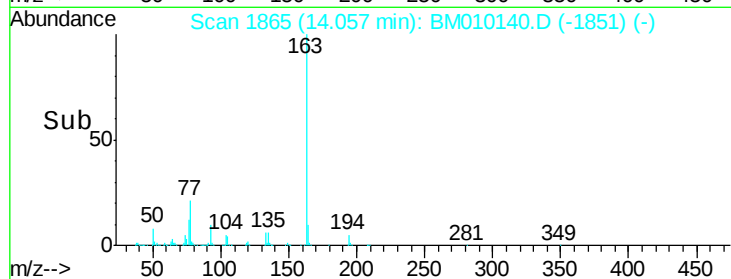
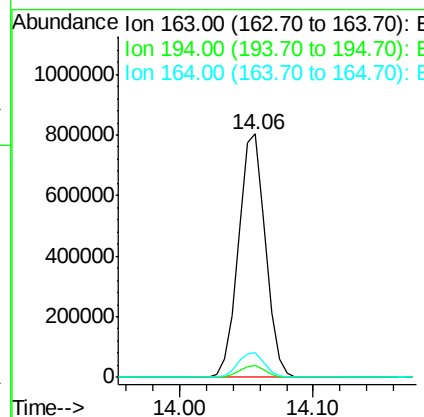
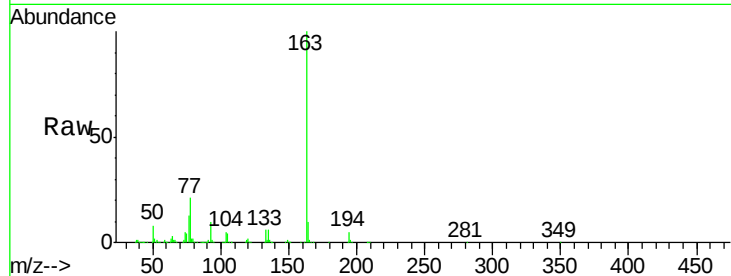




#49
Dimethylphthalate
Concen: 40.84 ng
RT: 14.06 min Scan# 1865
Delta R.T. -0.02 min
Lab File: BM010140.D
Acq: 23 May 2017 14:05

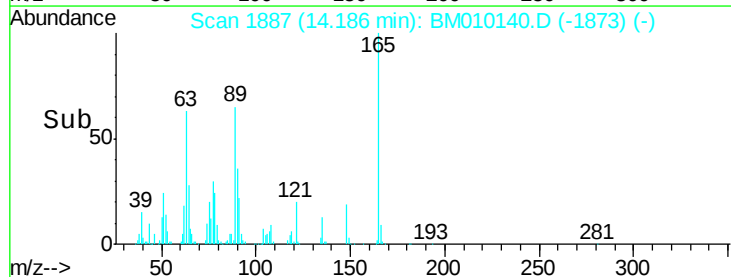
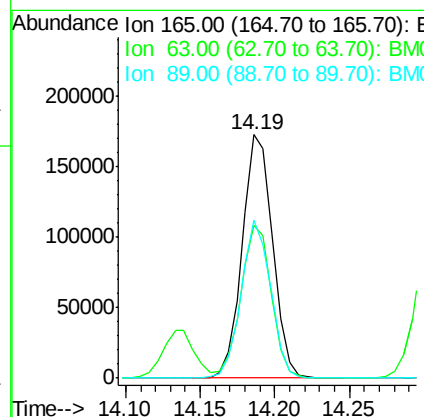
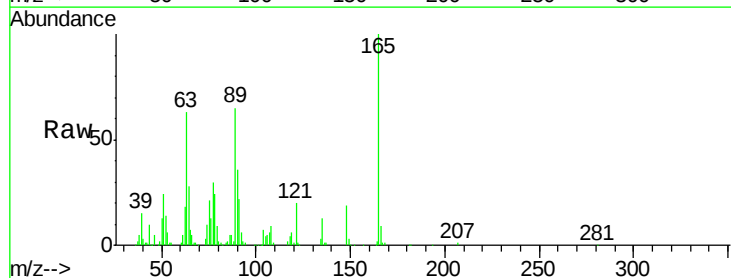
Instrument :
BNA_M
ClientSampleId :
PB99180BSD

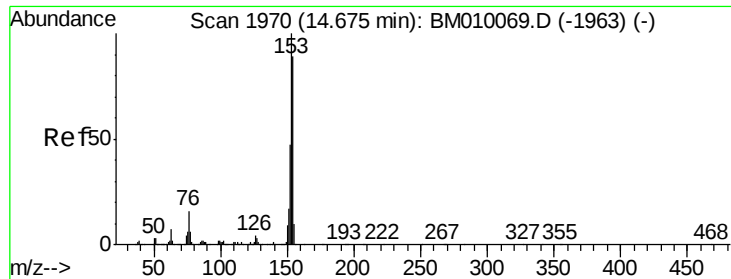
Tgt Ion:163 Resp: 1123197
Ion Ratio Lower Upper
163 100
194 4.9 2.7 4.1#
164 10.0 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 46.67 ng
RT: 14.19 min Scan# 1887
Delta R.T. -0.02 min
Lab File: BM010140.D
Acq: 23 May 2017 14:05

Tgt Ion:165 Resp: 243699
Ion Ratio Lower Upper
165 100
63 62.9 44.1 66.1
89 65.1 44.3 66.5





#51

Acenaphthene

Concen: 42.89 ng

RT: 14.66 min Scan# 1967

Delta R.T. -0.02 min

Lab File: BM010140.D

Acq: 23 May 2017 14:05

Instrument :

BNA_M

ClientSampleId :

PB99180BSD

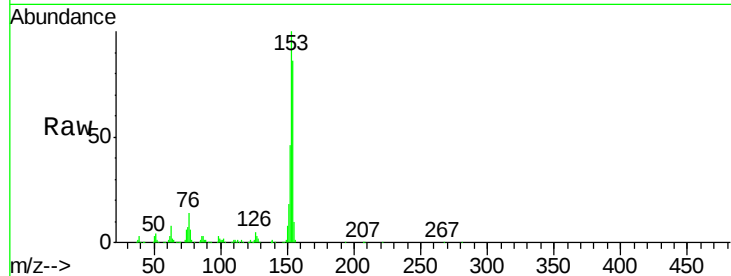
Tgt Ion:154 Resp: 809397

Ion Ratio Lower Upper

154 100

153 116.8 90.0 135.0

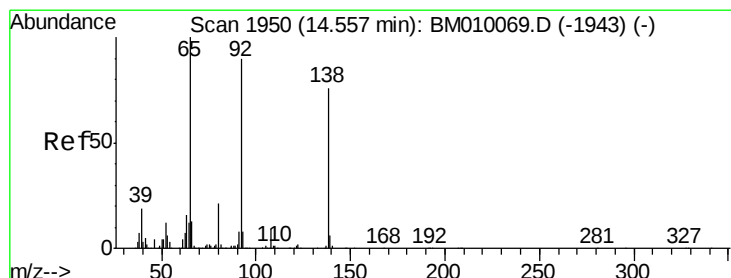
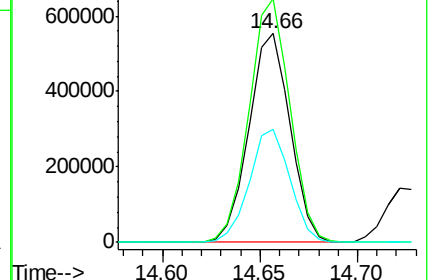
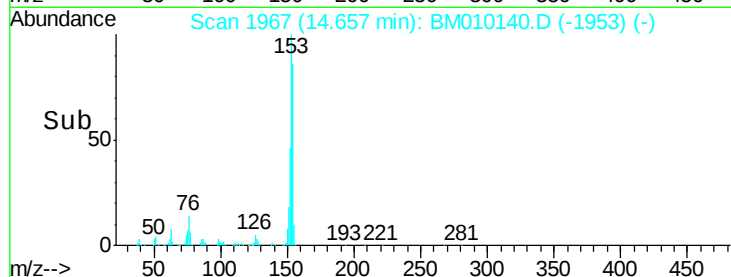
152 54.1 42.6 63.8



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: 38.59 ng

RT: 14.53 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BM010140.D

Acq: 23 May 2017 14:05

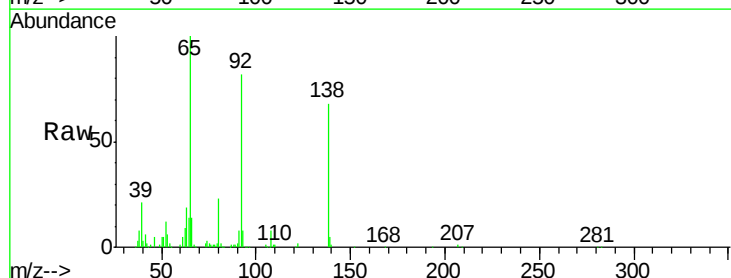
Tgt Ion:138 Resp: 187299

Ion Ratio Lower Upper

138 100

108 11.2 7.3 10.9#

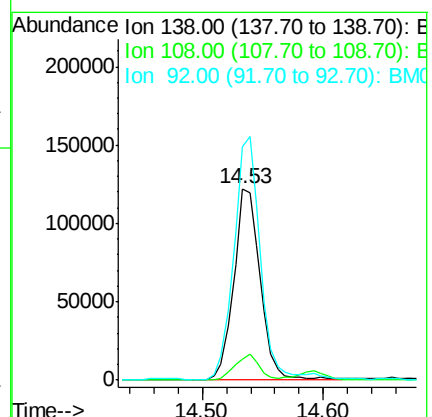
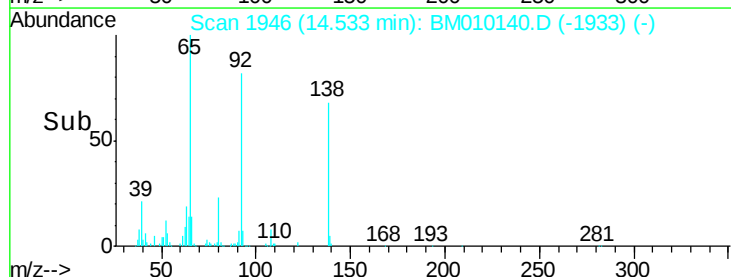
92 122.0 76.6 114.8#

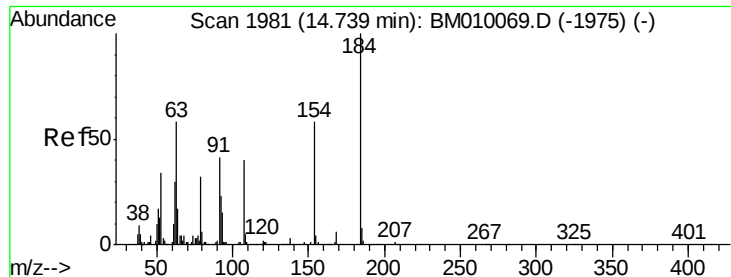


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

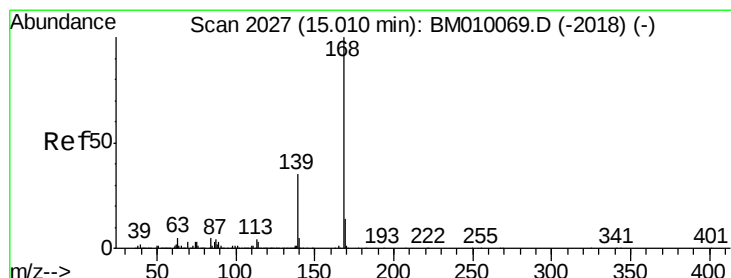
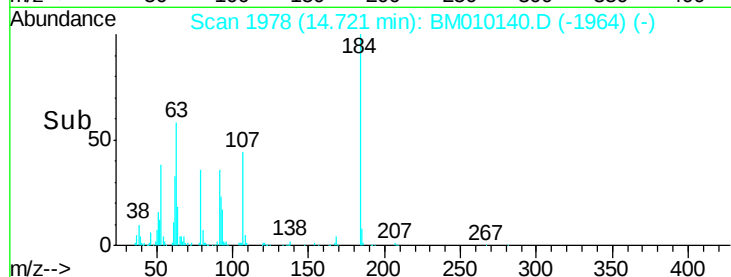
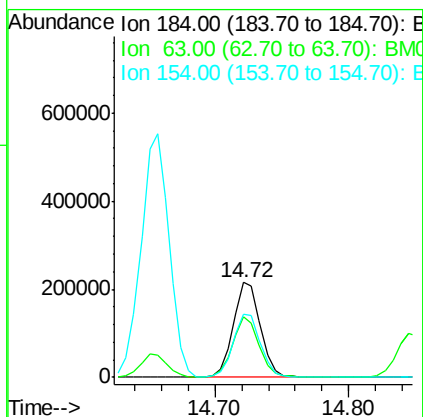
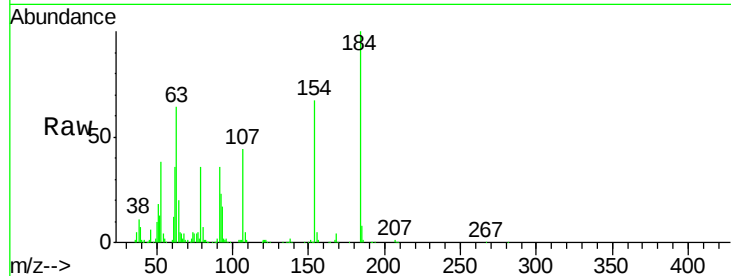




#53
2,4-Dinitrophenol
Concen: 87.66 ng
RT: 14.72 min Scan# 1978
Delta R.T. -0.02 min
Lab File: BM010140.D
Acq: 23 May 2017 14:05

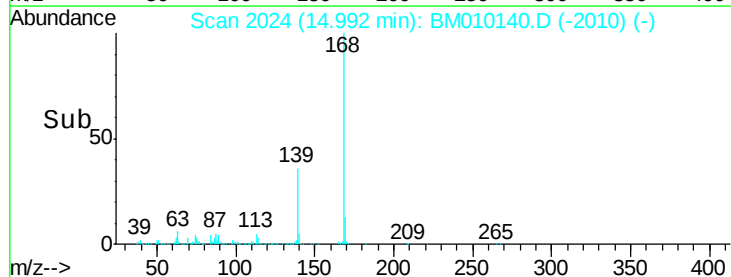
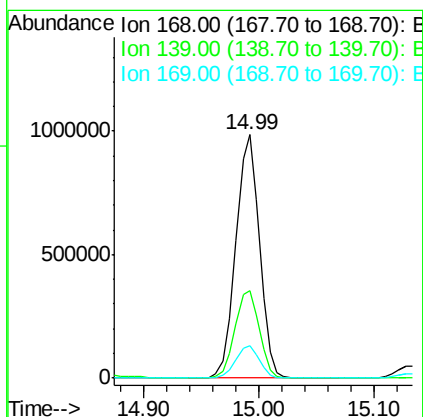
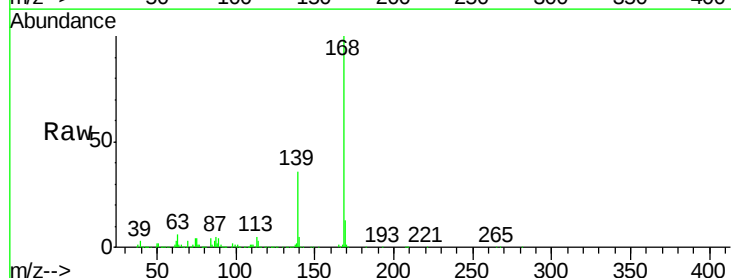
Instrument :
BNA_M
ClientSampleId :
PB99180BSD

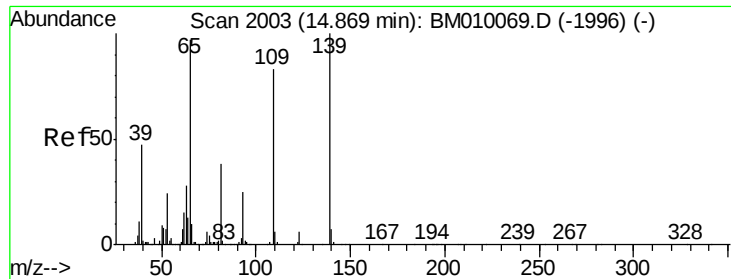
Tgt Ion:184 Resp: 306447
Ion Ratio Lower Upper
184 100
63 64.3 69.2 103.8#
154 66.5 53.3 79.9



#54
Dibenzofuran
Concen: 46.87 ng
RT: 14.99 min Scan# 2024
Delta R.T. -0.02 min
Lab File: BM010140.D
Acq: 23 May 2017 14:05

Tgt Ion:168 Resp: 1390673
Ion Ratio Lower Upper
168 100
139 36.1 27.3 40.9
169 13.2 10.6 16.0





#55

4-Nitrophenol

Concen: 91.66 ng

RT: 14.84 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BM010140.D

Acq: 23 May 2017 14:05

Instrument :

BNA_M

ClientSampleId :

PB99180BSD

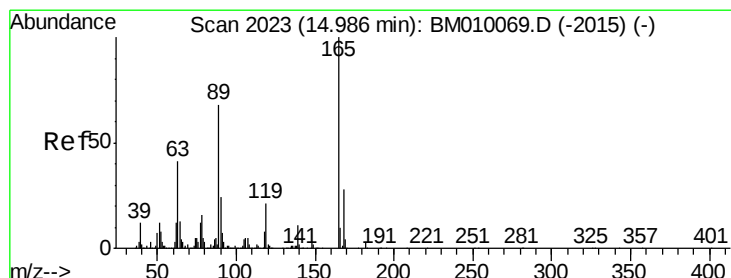
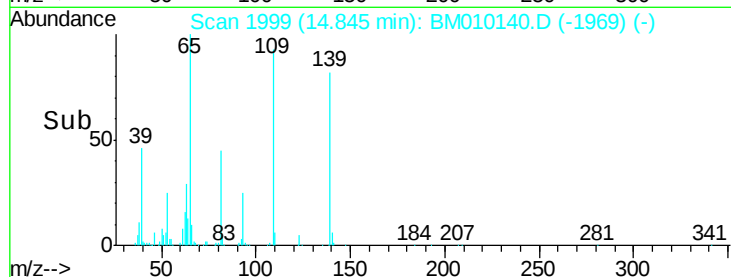
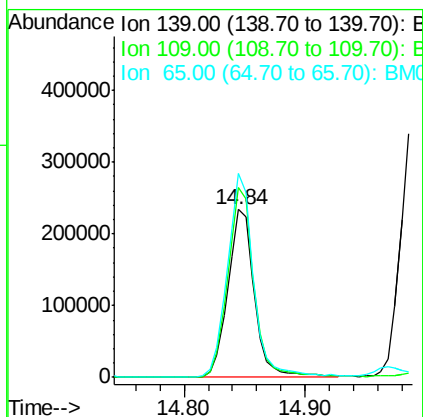
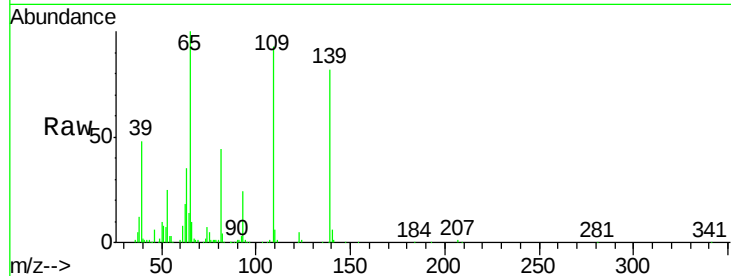
Tgt Ion:139 Resp: 358044

Ion Ratio Lower Upper

139 100

109 113.3 37.7 77.7#

65 121.7 49.9 89.9#



#56

2,4-Dinitrotoluene

Concen: 45.54 ng

RT: 14.97 min Scan# 2020

Delta R.T. -0.02 min

Lab File: BM010140.D

Acq: 23 May 2017 14:05

Tgt Ion:165 Resp: 336431

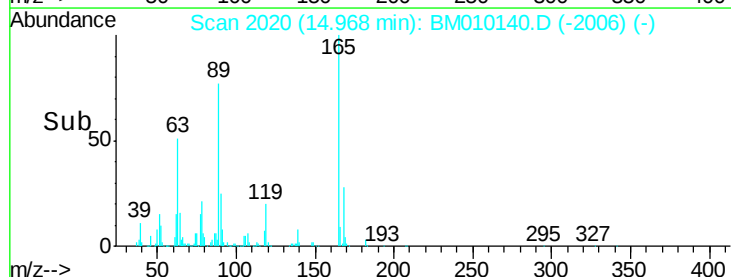
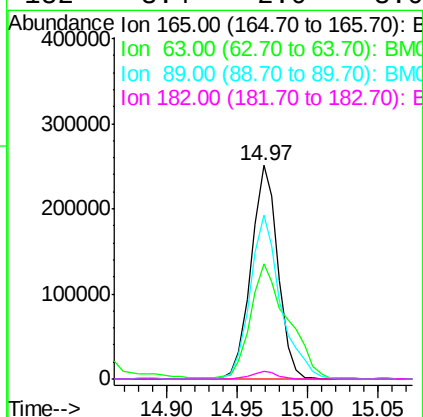
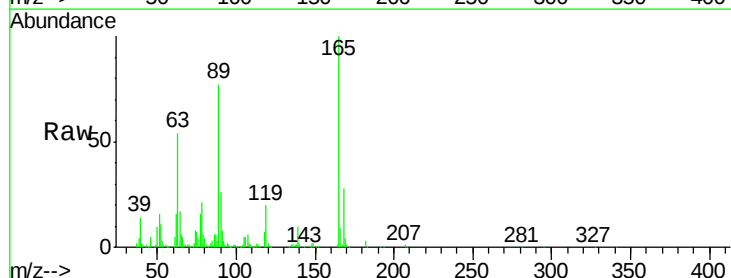
Ion Ratio Lower Upper

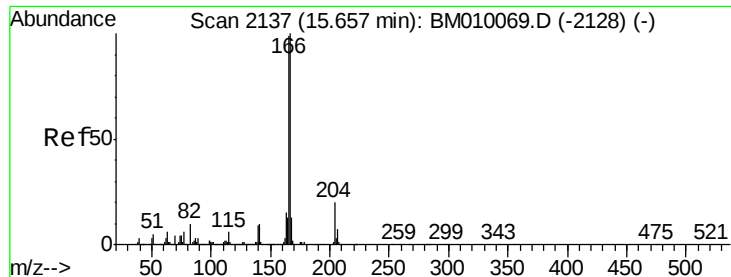
165 100

63 53.8 52.4 78.6

89 77.0 72.4 108.6

182 3.4 2.0 3.0#

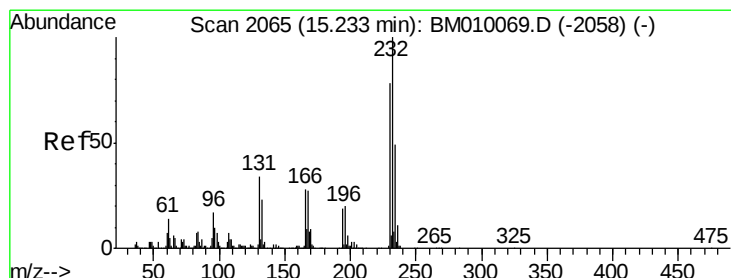
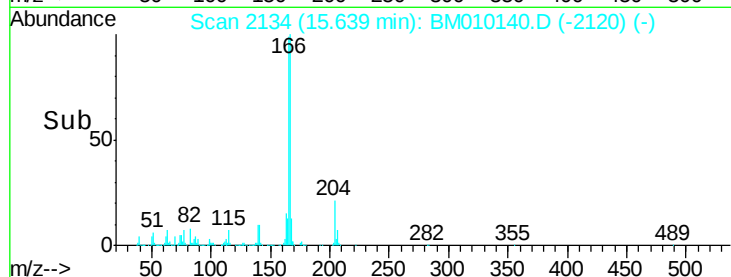
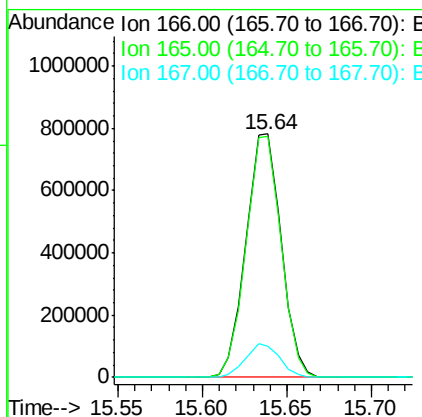
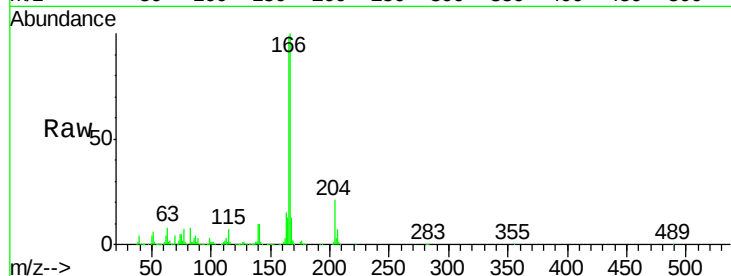




#57
Fluorene
 Concen: 44.25 ng
 RT: 15.64 min Scan# 2134
 Delta R.T. -0.02 min
 Lab File: BM010140.D
 Acq: 23 May 2017 14:05

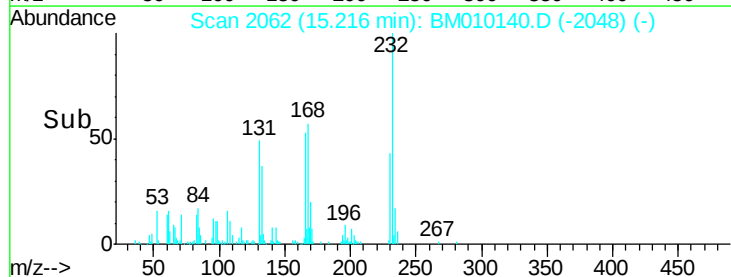
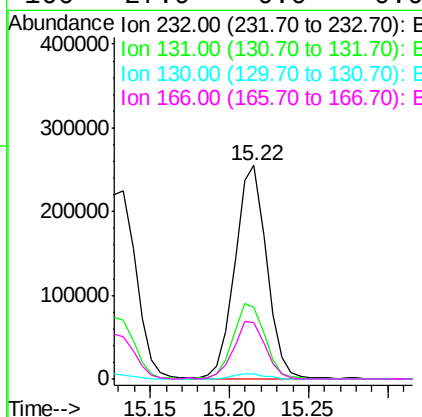
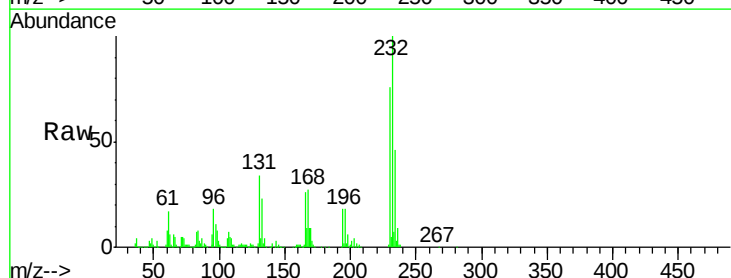
Instrument :
 BNA_M
 ClientSampleId :
 PB99180BSD

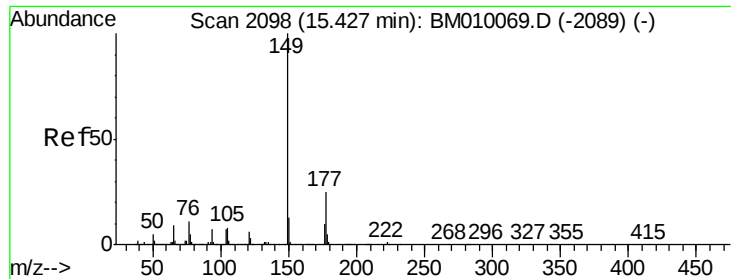
Tgt Ion:166 Resp: 1141773
 Ion Ratio Lower Upper
 166 100
 165 99.2 79.0 118.4
 167 12.5 10.3 15.5



#58
2,3,4,6-Tetrachlorophenol
 Concen: 53.31 ng
 RT: 15.22 min Scan# 2062
 Delta R.T. -0.02 min
 Lab File: BM010140.D
 Acq: 23 May 2017 14:05

Tgt Ion:232 Resp: 350378
 Ion Ratio Lower Upper
 232 100
 131 36.1 0.0 0.0#
 130 2.4 0.0 0.0#
 166 27.9 0.0 0.0#





#59

Diethylphthalate

Concen: 41.27 ng

RT: 15.40 min Scan# 2094

Delta R.T. -0.02 min

Lab File: BM010140.D

Acq: 23 May 2017 14:05

Instrument :

BNA_M

ClientSampleId :

PB99180BSD

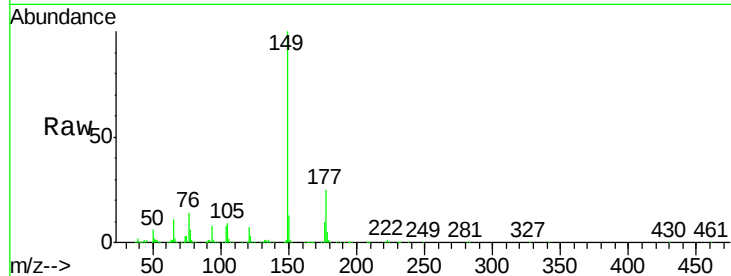
Tgt Ion:149 Resp: 1073144

Ion Ratio Lower Upper

149 100

177 24.9 18.3 27.5

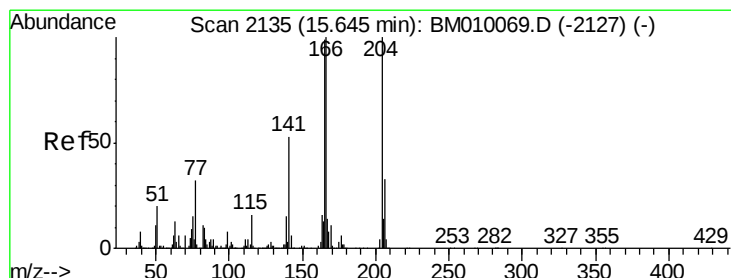
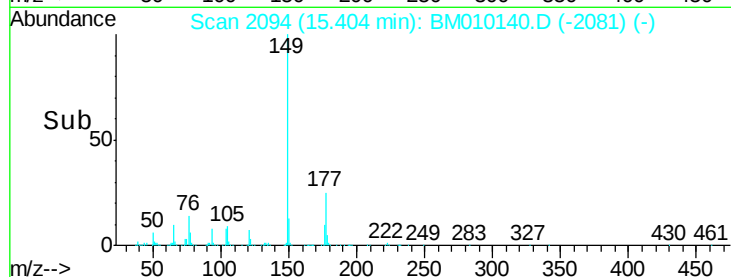
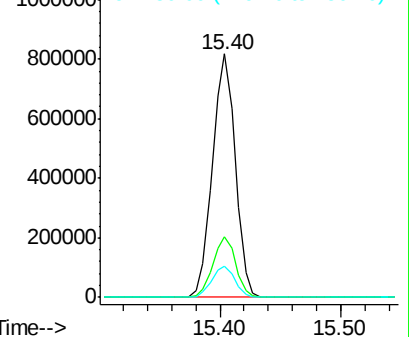
150 12.8 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 43.67 ng

RT: 15.63 min Scan# 2132

Delta R.T. -0.02 min

Lab File: BM010140.D

Acq: 23 May 2017 14:05

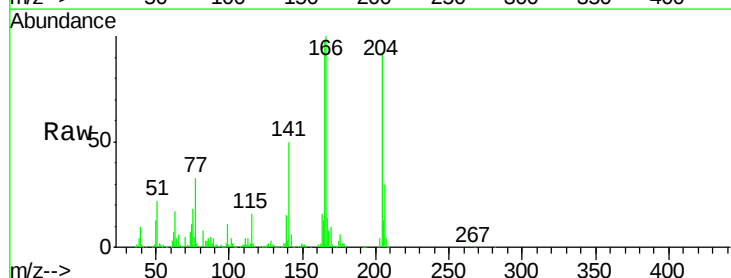
Tgt Ion:204 Resp: 632645

Ion Ratio Lower Upper

204 100

206 32.7 26.6 39.8

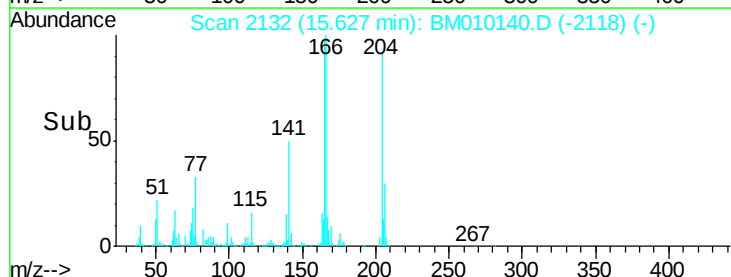
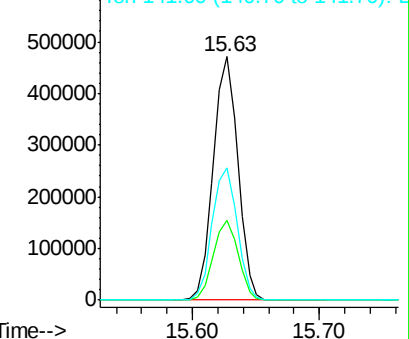
141 54.3 45.2 67.8

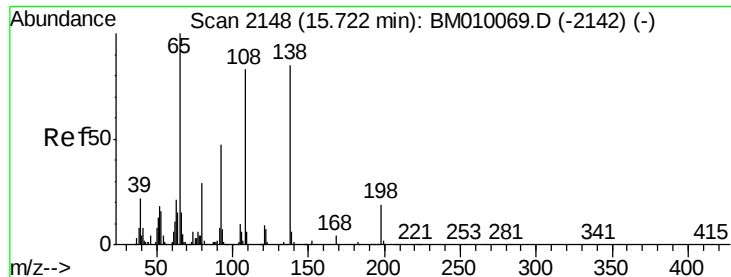


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

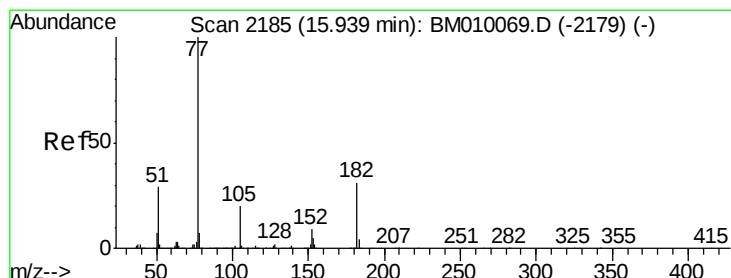
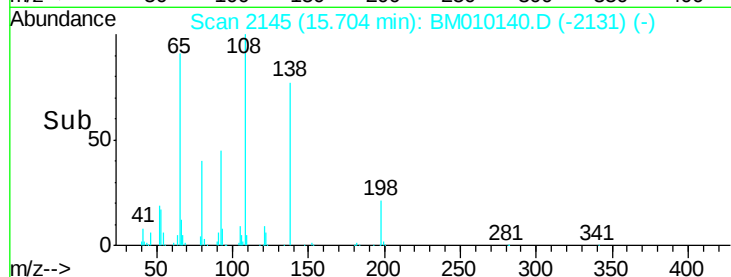
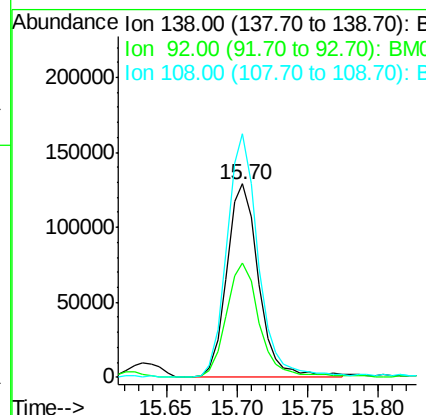
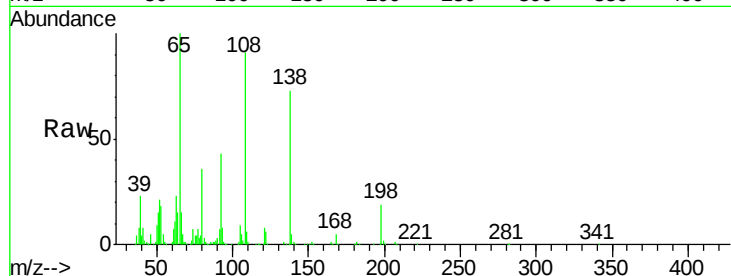




#61
4-Nitroaniline
Concen: 41.41 ng
RT: 15.70 min Scan# 2145
Delta R.T. -0.02 min
Lab File: BM010140.D
Acq: 23 May 2017 14:05

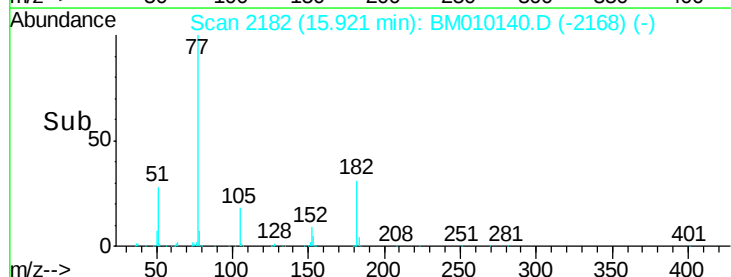
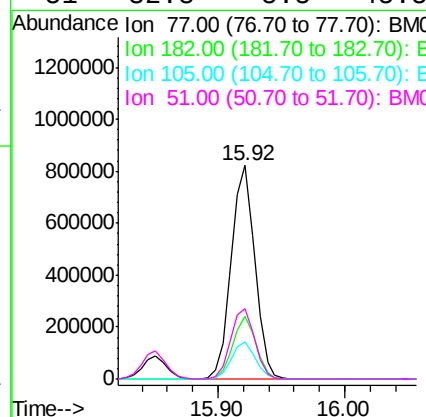
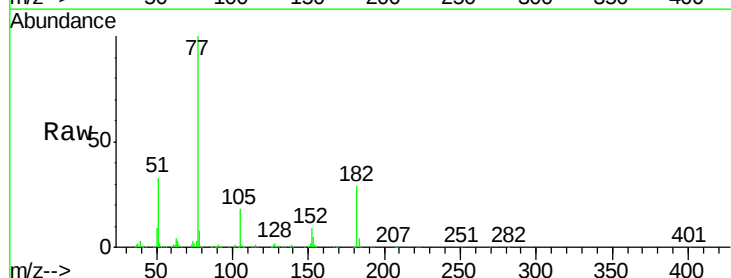
Instrument :
BNA_M
ClientSampleId :
PB99180BSD

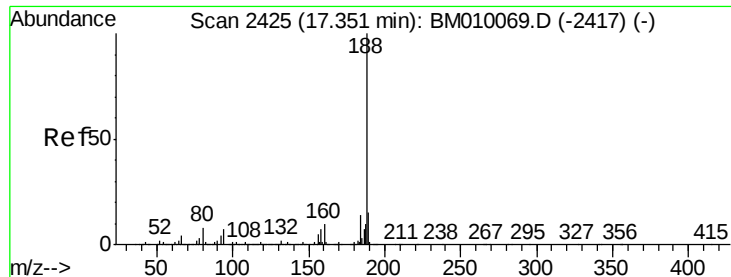
Tgt Ion: 138 Resp: 204058
Ion Ratio Lower Upper
138 100
92 59.1 16.7 56.7#
108 126.0 37.6 77.6#



#62
Azobenzene
Concen: 54.96 ng
RT: 15.92 min Scan# 2182
Delta R.T. -0.02 min
Lab File: BM010140.D
Acq: 23 May 2017 14:05

Tgt Ion: 77 Resp: 1050827
Ion Ratio Lower Upper
77 100
182 29.1 6.5 46.5
105 17.6 3.8 43.8
51 32.8 5.5 45.5





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.33 min Scan# 2422

Delta R.T. -0.02 min

Lab File: BM010140.D

Acq: 23 May 2017 14:05

Instrument :

BNA_M

ClientSampleId :

PB99180BSD

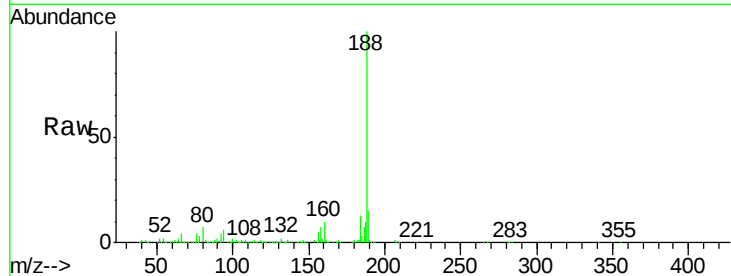
Tgt Ion:188 Resp: 761202

Ion Ratio Lower Upper

188 100

94 6.3 8.7 13.1#

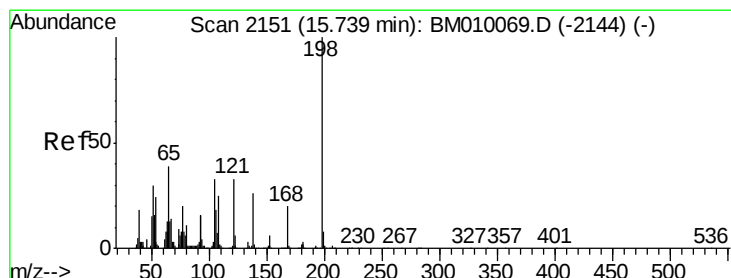
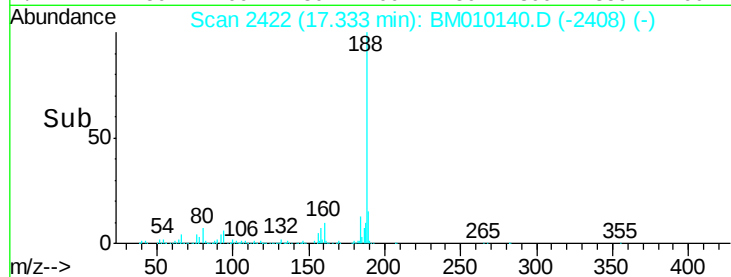
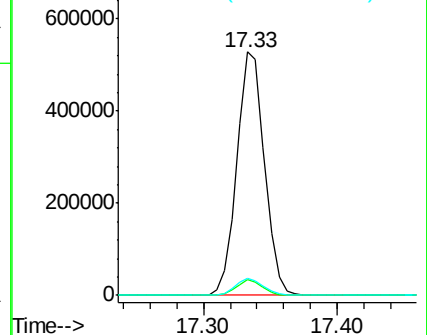
80 7.1 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#64

4,6-Dinitro-2-methylphenol

Concen: 44.56 ng

RT: 15.72 min Scan# 2148

Delta R.T. -0.02 min

Lab File: BM010140.D

Acq: 23 May 2017 14:05

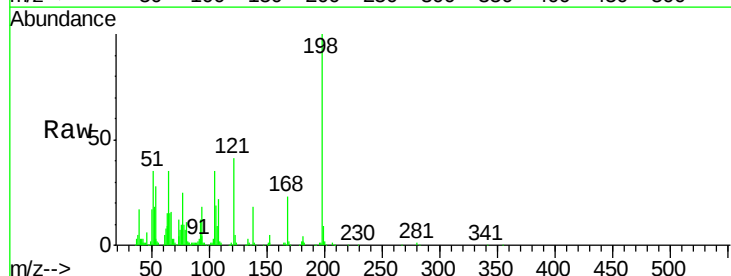
Tgt Ion:198 Resp: 207194

Ion Ratio Lower Upper

198 100

51 35.3 28.8 68.8

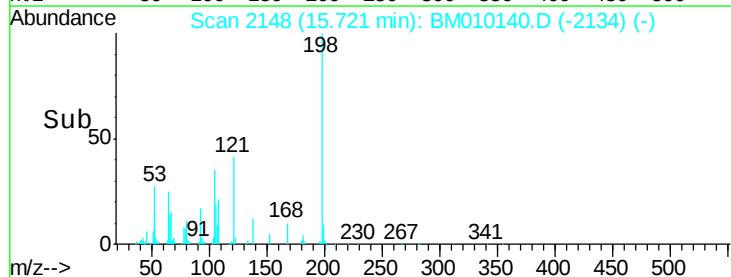
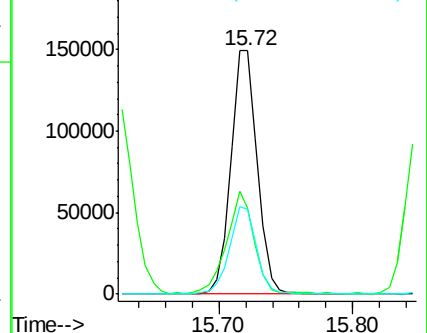
105 34.7 30.5 70.5

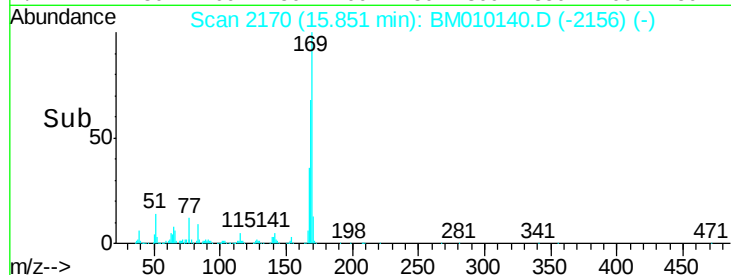
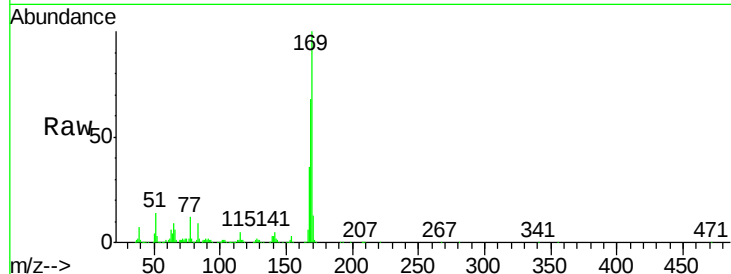
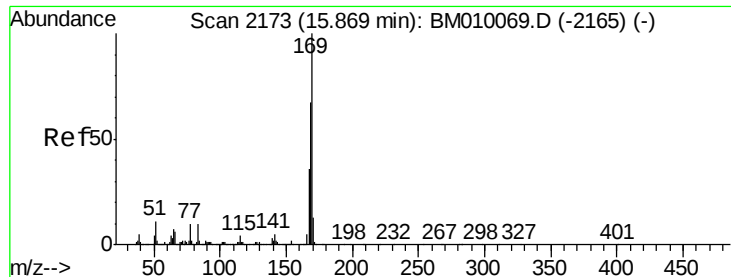


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E

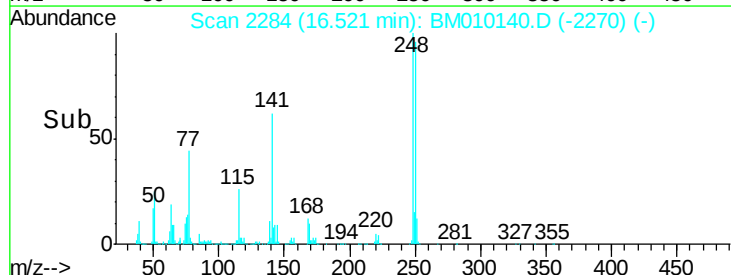
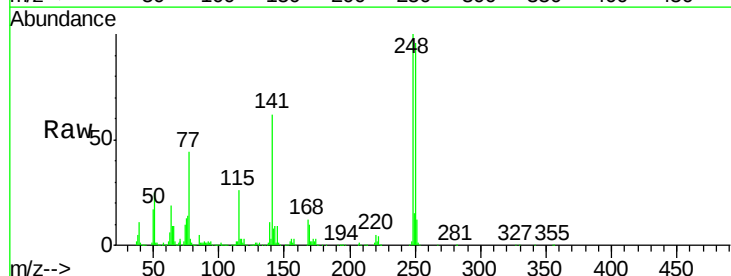
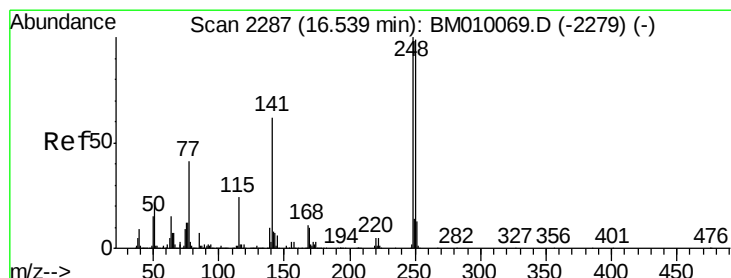
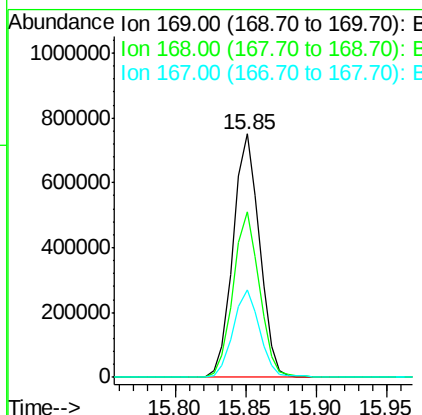




#65
n-Nitrosodiphenylamine
Concen: 43.03 ng
RT: 15.85 min Scan# 2170
Delta R.T. -0.02 min
Lab File: BM010140.D
Acq: 23 May 2017 14:05

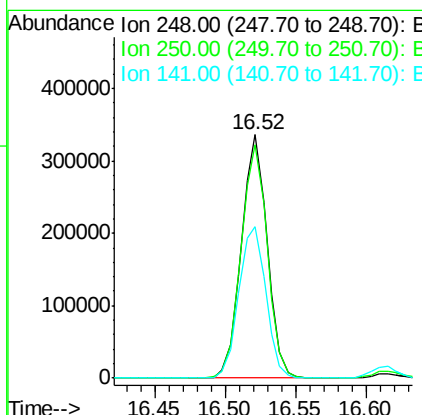
Instrument :
BNA_M
ClientSampleId :
PB99180BSD

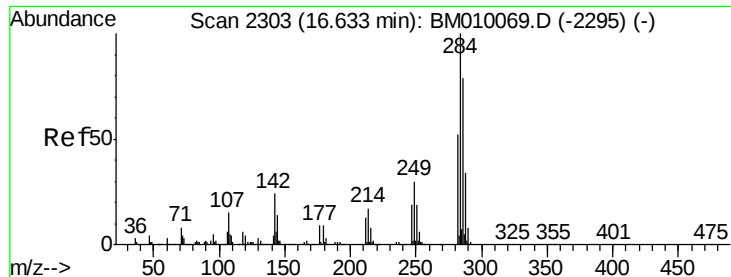
Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.8	53.9	80.9
167	36.1	28.9	43.3



#66
4-Bromophenyl-phenylether
Concen: 43.95 ng
RT: 16.52 min Scan# 2284
Delta R.T. -0.02 min
Lab File: BM010140.D
Acq: 23 May 2017 14:05

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.8	77.4	116.0
141	62.4	45.2	67.8

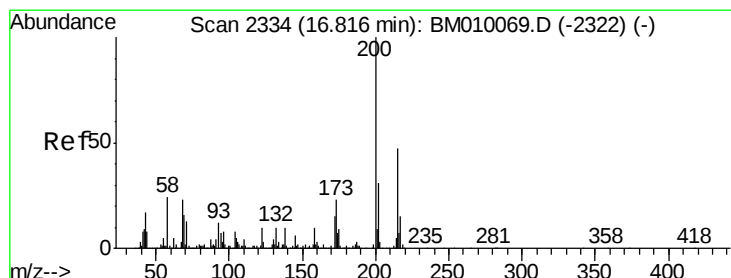
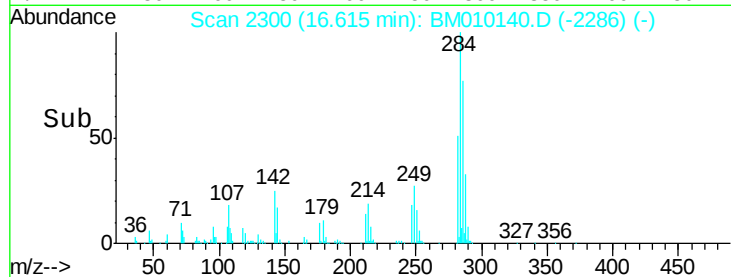
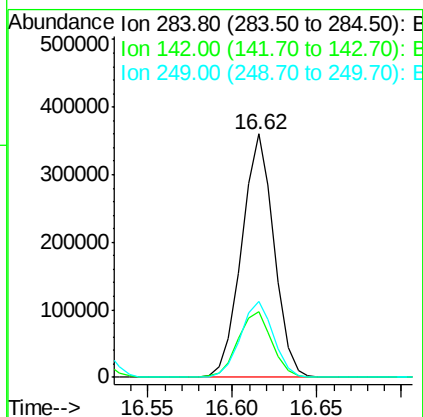
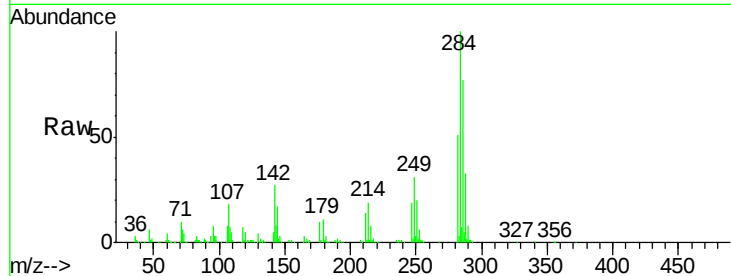




#67
Hexachlorobenzene
Concen: 40.48 ng
RT: 16.62 min Scan# 2300
Delta R.T. -0.02 min
Lab File: BM010140.D
Acq: 23 May 2017 14:05

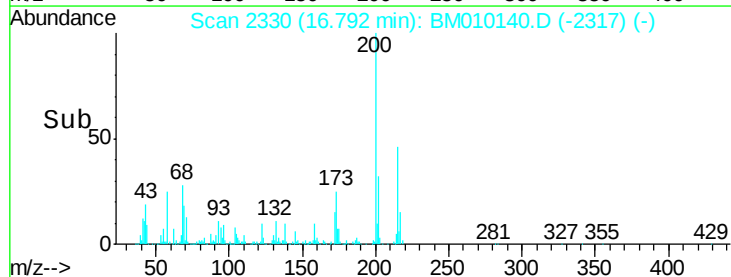
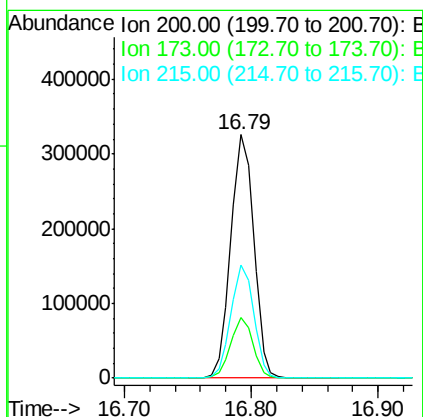
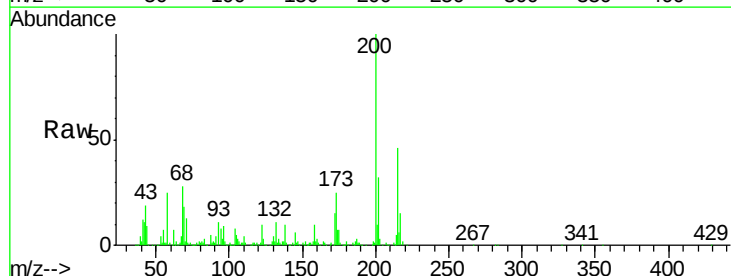
Instrument :
BNA_M
ClientSampleId :
PB99180BSD

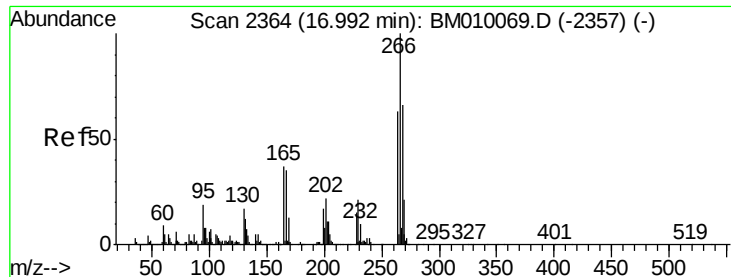
Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.9	20.4	30.6
249	31.1	23.8	35.6



#68
Atrazine
Concen: 47.24 ng
RT: 16.79 min Scan# 2330
Delta R.T. -0.02 min
Lab File: BM010140.D
Acq: 23 May 2017 14:05

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.7	4.8	44.8
215	46.3	26.9	66.9





#69

Pentachlorophenol

Concen: 93.49 ng

RT: 16.97 min Scan# 2361

Delta R.T. -0.02 min

Lab File: BM010140.D

Acq: 23 May 2017 14:05

Instrument :

BNA_M

ClientSampleId :

PB99180BSD

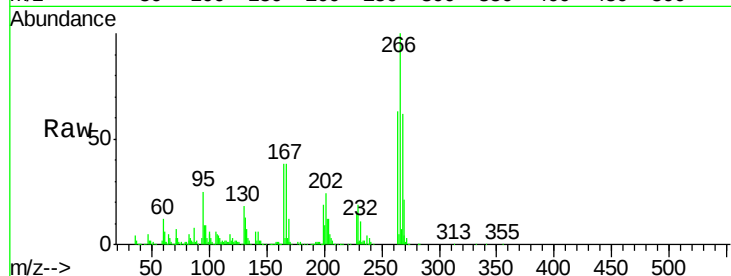
Tgt Ion:266 Resp: 607917

Ion Ratio Lower Upper

266 100

268 62.1 52.0 78.0

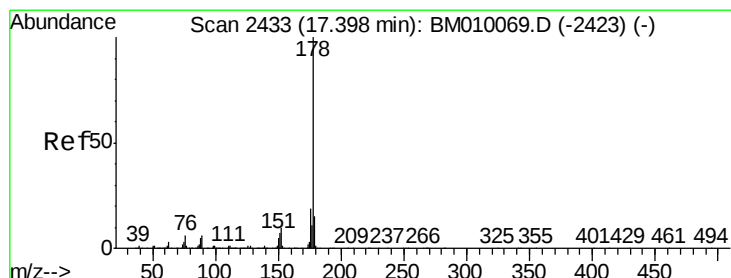
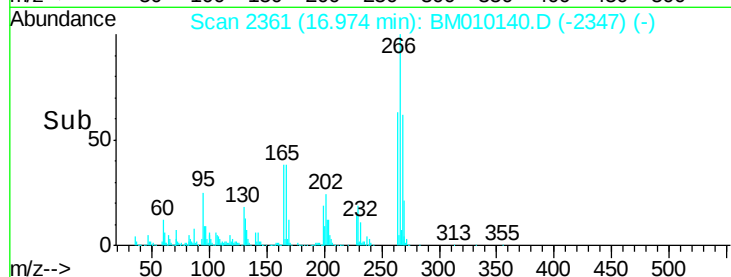
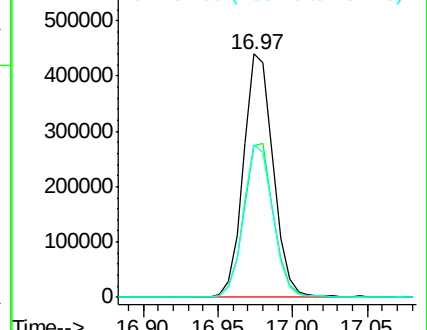
264 62.6 49.0 73.4



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: 43.53 ng

RT: 17.38 min Scan# 2430

Delta R.T. -0.02 min

Lab File: BM010140.D

Acq: 23 May 2017 14:05

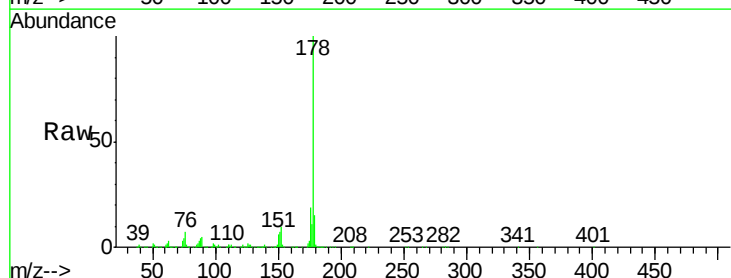
Tgt Ion:178 Resp: 1853776

Ion Ratio Lower Upper

178 100

176 19.1 15.2 22.8

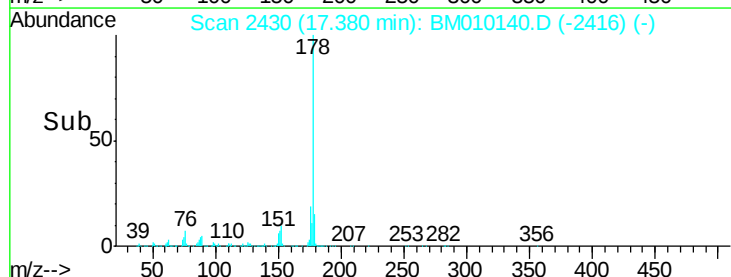
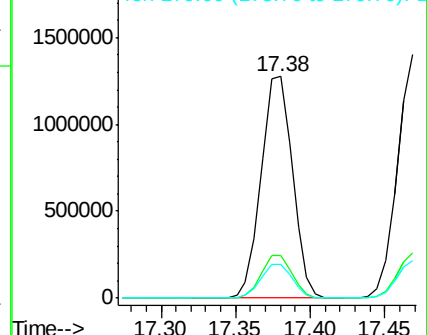
179 15.4 12.1 18.1

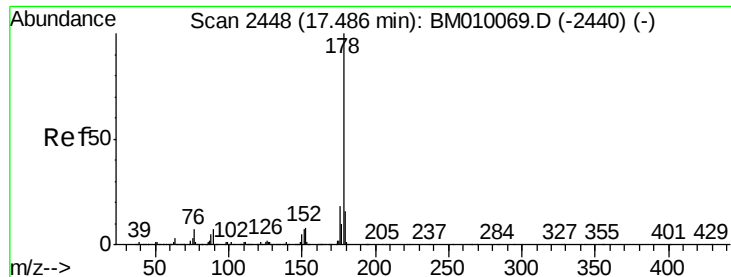


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

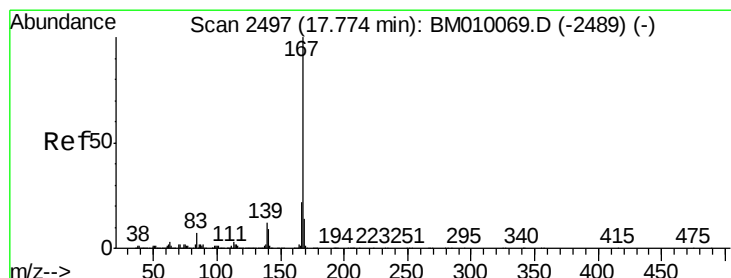
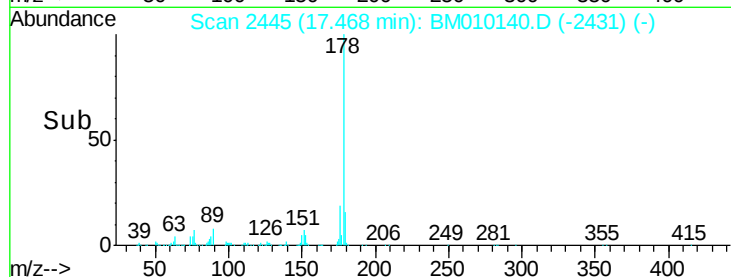
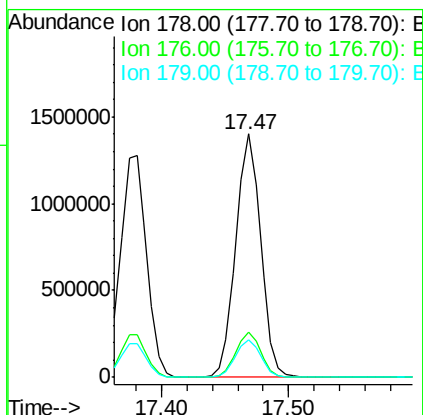
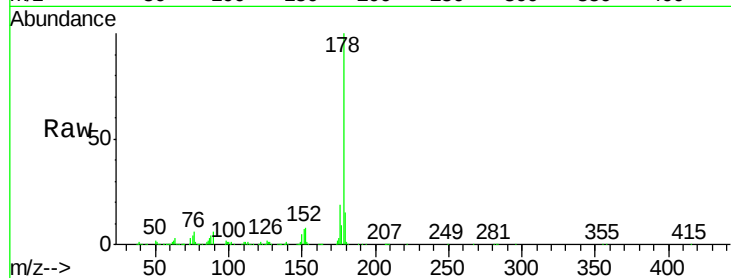




#71
 Anthracene
 Concen: 44.88 ng
 RT: 17.47 min Scan# 2445
 Delta R.T. -0.02 min
 Lab File: BM010140.D
 Acq: 23 May 2017 14:05

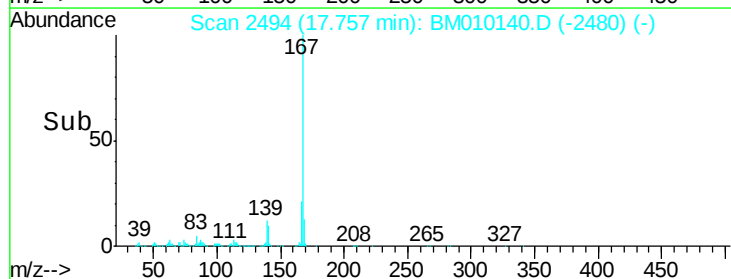
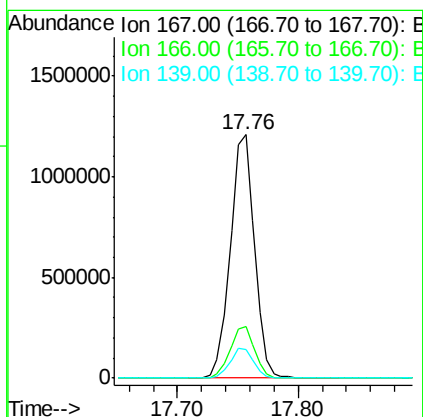
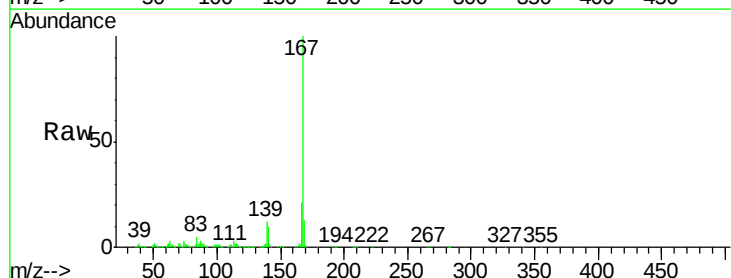
Instrument :
 BNA_M
 ClientSampleId :
 PB99180BSD

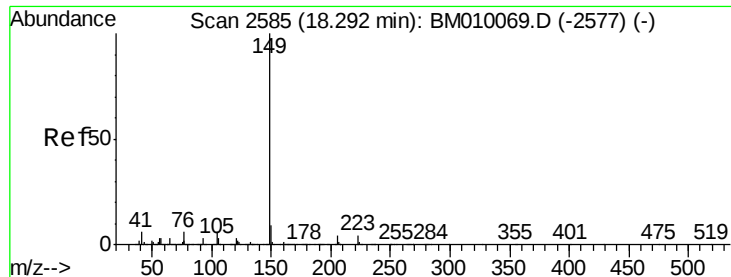
Tgt Ion:178 Resp: 1897053
 Ion Ratio Lower Upper
 178 100
 176 18.6 14.6 22.0
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 45.08 ng
 RT: 17.76 min Scan# 2494
 Delta R.T. -0.02 min
 Lab File: BM010140.D
 Acq: 23 May 2017 14:05

Tgt Ion:167 Resp: 1686835
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.2 25.8
 139 11.5 10.8 16.2

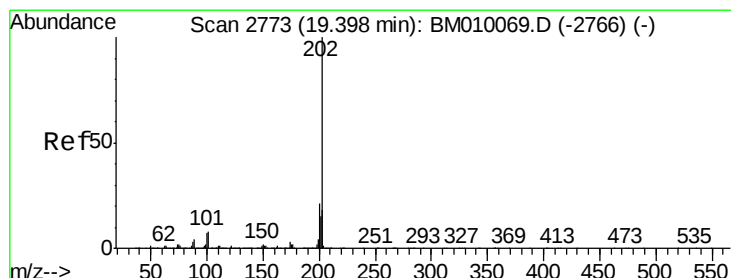
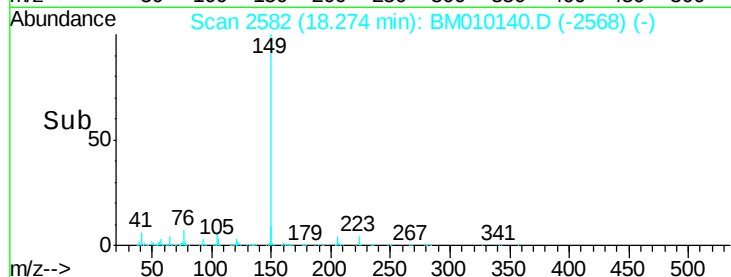
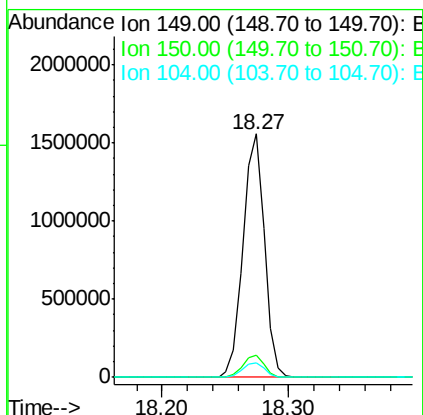
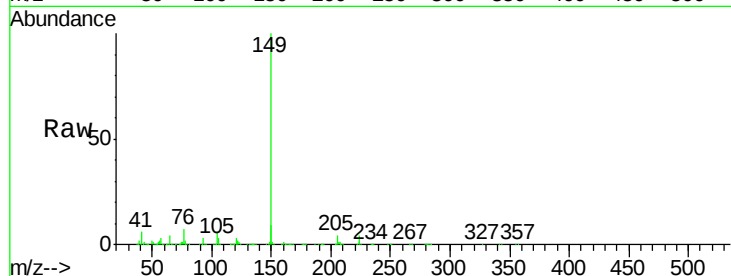




#73
Di-n-butylphthalate
Concen: 40.92 ng
RT: 18.27 min Scan# 2582
Delta R.T. -0.02 min
Lab File: BM010140.D
Acq: 23 May 2017 14:05

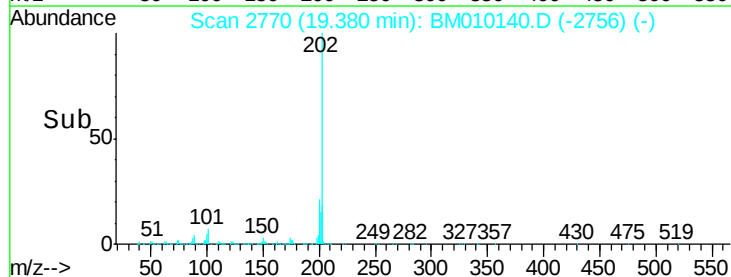
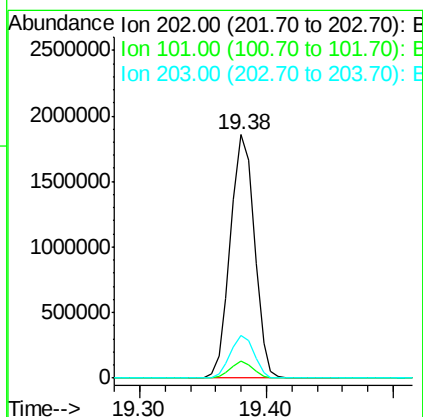
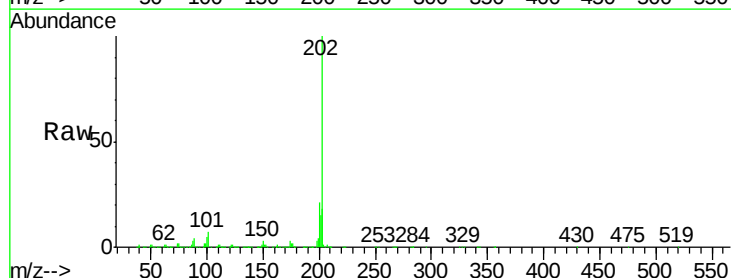
Instrument :
BNA_M
ClientSampleId :
PB99180BSD

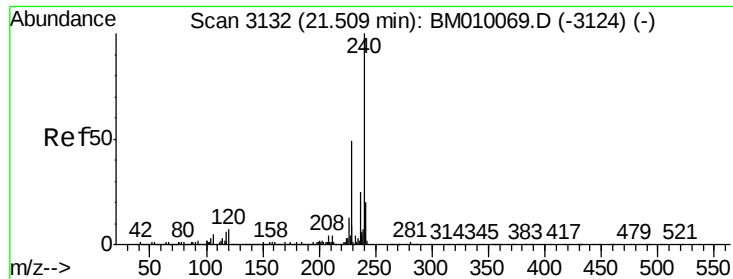
Tgt Ion:149 Resp: 1815358
Ion Ratio Lower Upper
149 100
150 9.1 7.5 11.3
104 6.1 3.7 5.5#



#74
Fluoranthene
Concen: 44.10 ng
RT: 19.38 min Scan# 2770
Delta R.T. -0.02 min
Lab File: BM010140.D
Acq: 23 May 2017 14:05

Tgt Ion:202 Resp: 2438682
Ion Ratio Lower Upper
202 100
101 6.9 0.0 28.7
203 17.8 0.0 37.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.49 min Scan# 3129

Delta R.T. -0.02 min

Lab File: BM010140.D

Acq: 23 May 2017 14:05

Instrument :

BNA_M

ClientSampleId :

PB99180BSD

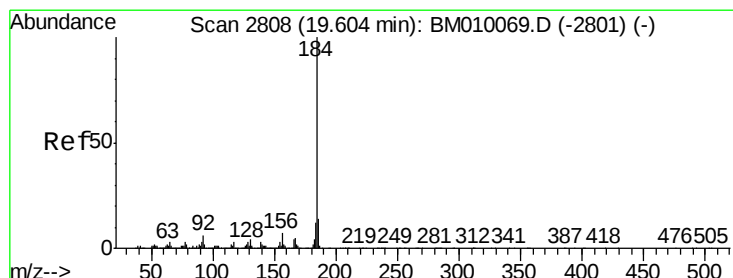
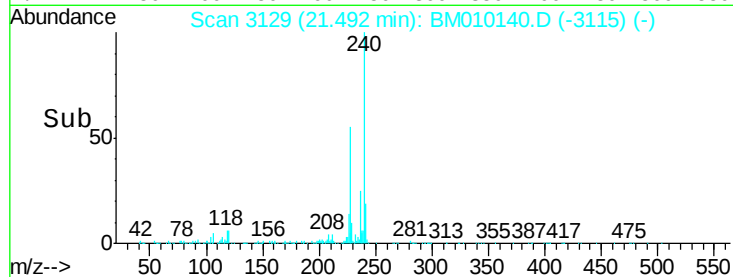
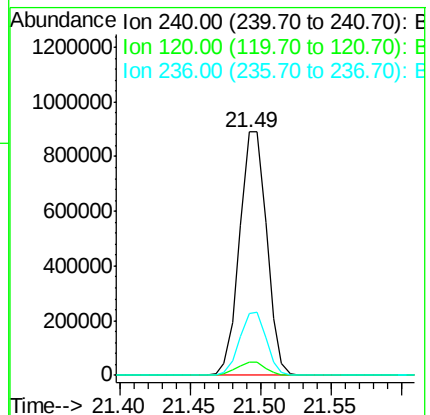
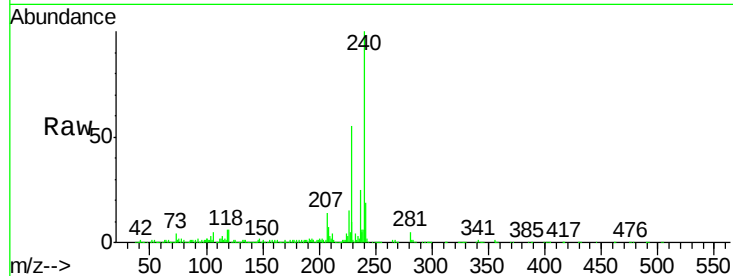
Tgt Ion:240 Resp: 1199914

Ion Ratio Lower Upper

240 100

120 5.7 8.2 12.2#

236 25.2 20.0 30.0



#76

Benzidine

Concen: 83.32 ng

RT: 19.59 min Scan# 2805

Delta R.T. -0.02 min

Lab File: BM010140.D

Acq: 23 May 2017 14:05

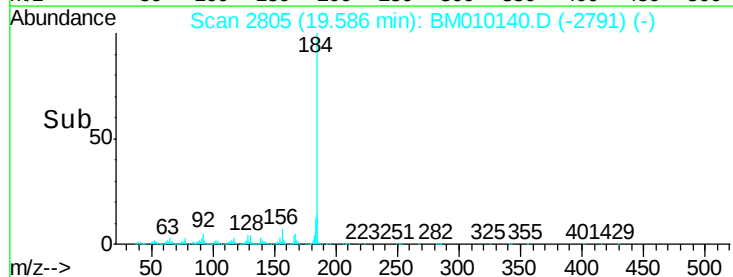
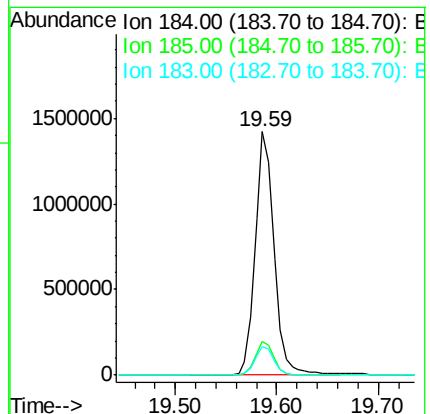
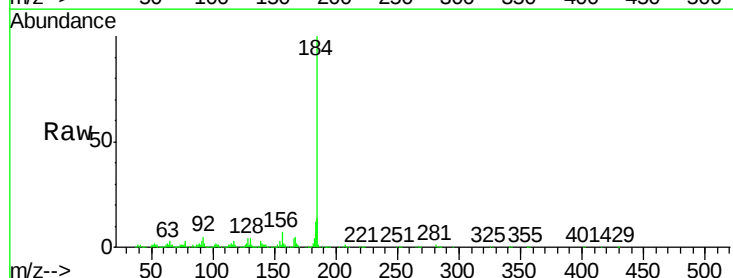
Tgt Ion:184 Resp: 1844060

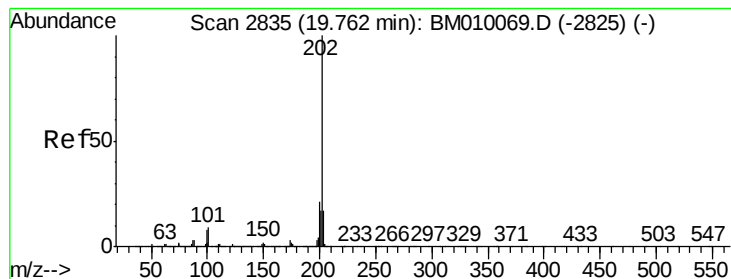
Ion Ratio Lower Upper

184 100

185 13.9 11.3 16.9

183 11.8 8.9 13.3





#77

Pyrene

Concen: 39.63 ng

RT: 19.74 min Scan# 2832

Delta R.T. -0.02 min

Lab File: BM010140.D

Acq: 23 May 2017 14:05

Instrument :

BNA_M

ClientSampleId :

PB99180BSD

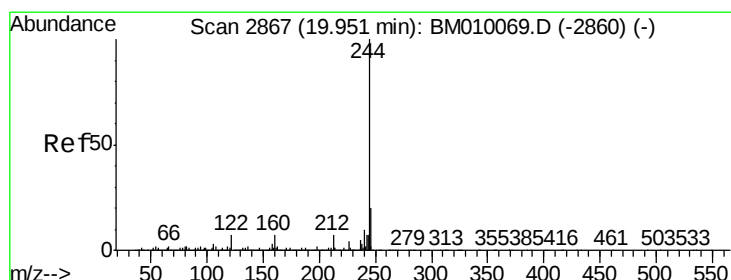
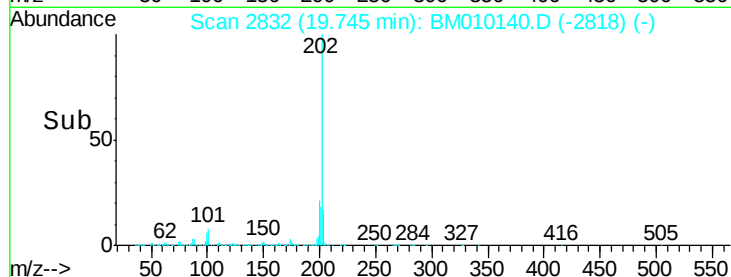
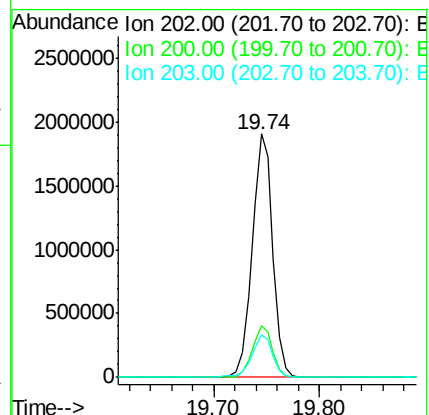
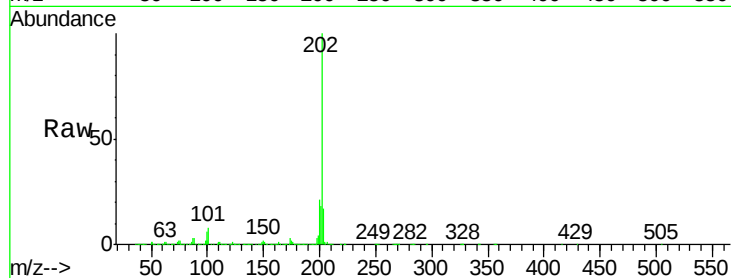
Tgt Ion:202 Resp: 2549639

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	17.4	14.1	21.1

202 100

200 21.2 16.9 25.3

203 17.4 14.1 21.1



#78

Terphenyl-d14

Concen: 76.06 ng

RT: 19.93 min Scan# 2864

Delta R.T. -0.02 min

Lab File: BM010140.D

Acq: 23 May 2017 14:05

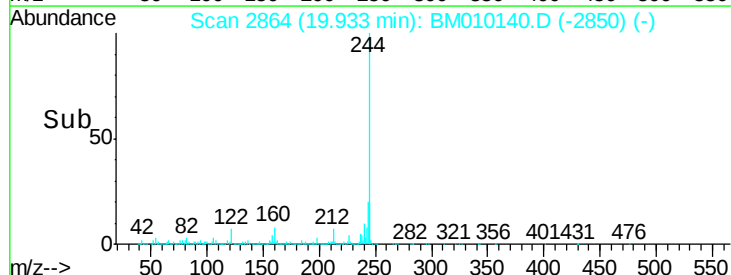
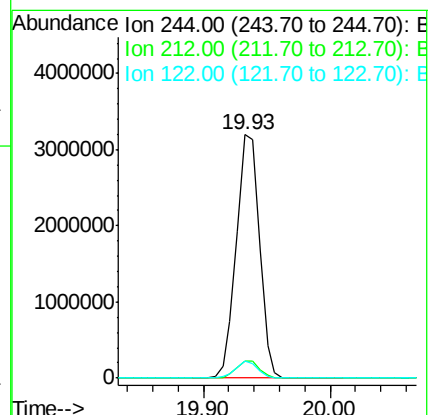
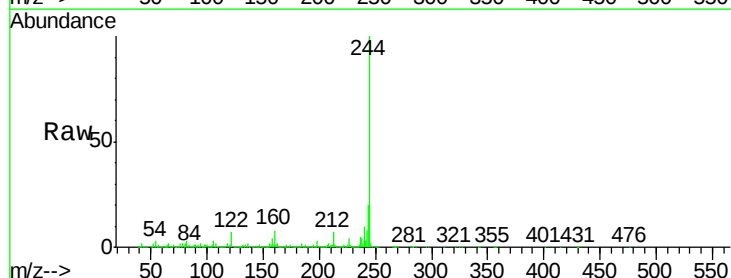
Tgt Ion:244 Resp: 4013686

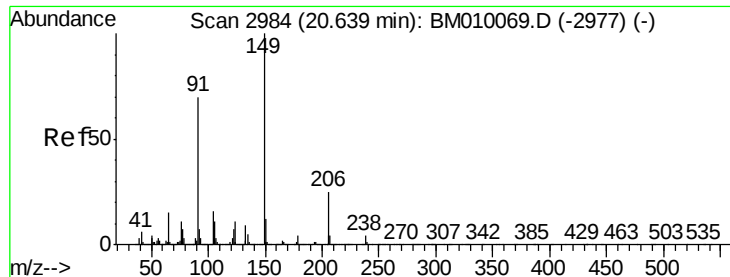
Ion	Ratio	Lower	Upper
244	100		
212	7.2	4.9	7.3
122	7.1	6.2	9.4

244 100

212 7.2 4.9 7.3

122 7.1 6.2 9.4





#79

Butylbenzylphthalate

Concen: 38.94 ng

RT: 20.62 min Scan# 2981

Delta R.T. -0.02 min

Lab File: BM010140.D

Acq: 23 May 2017 14:05

Instrument :

BNA_M

ClientSampleId :

PB99180BSD

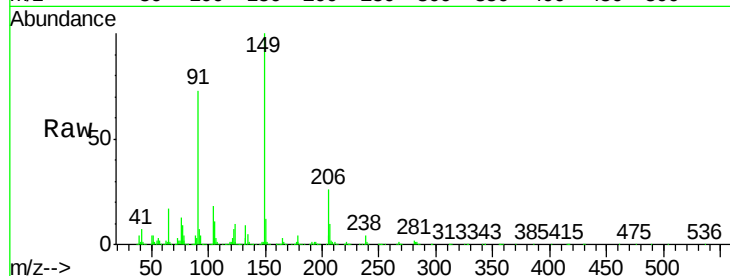
Tgt Ion:149 Resp: 927291

Ion Ratio Lower Upper

149 100

91 73.2 50.1 75.1

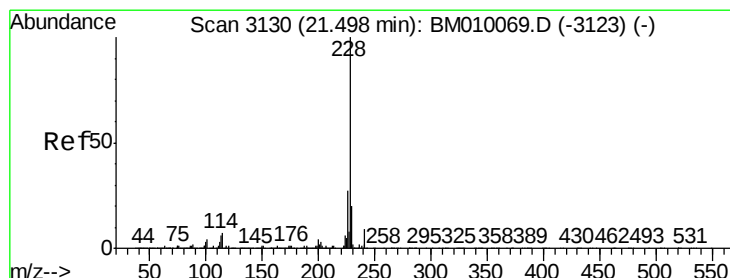
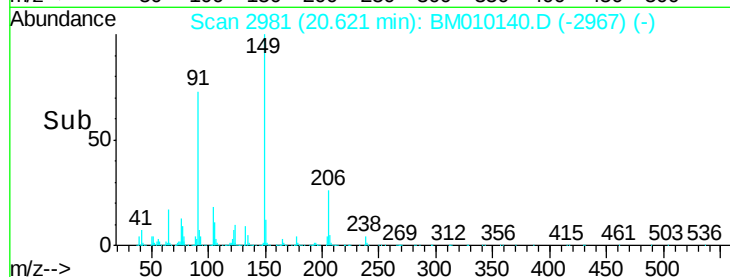
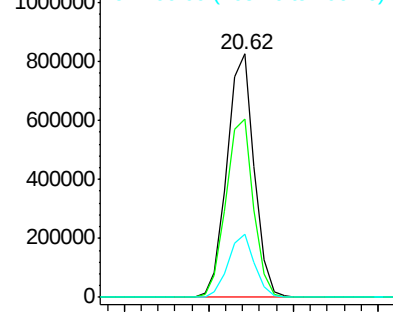
206 26.1 16.2 24.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 44.15 ng

RT: 21.48 min Scan# 3127

Delta R.T. -0.02 min

Lab File: BM010140.D

Acq: 23 May 2017 14:05

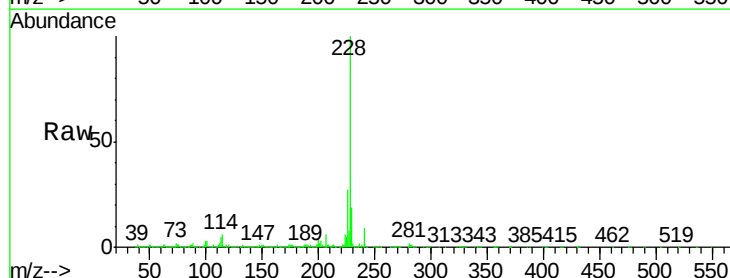
Tgt Ion:228 Resp: 2919434

Ion Ratio Lower Upper

228 100

226 27.1 21.7 32.5

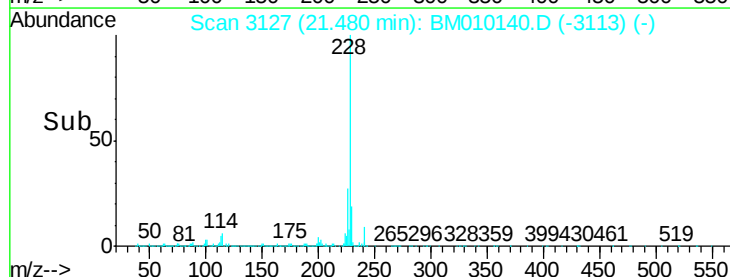
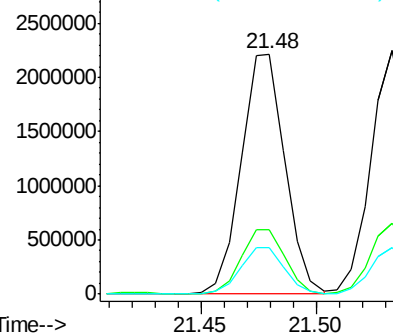
229 19.2 16.0 24.0

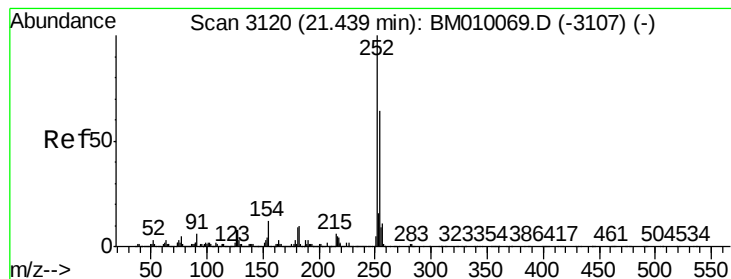


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 33.35 ng

RT: 21.42 min Scan# 3117

Delta R.T. -0.02 min

Lab File: BM010140.D

Acq: 23 May 2017 14:05

Instrument :

BNA_M

ClientSampleId :

PB99180BSD

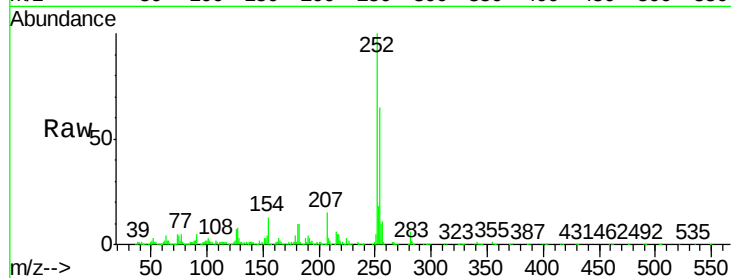
Tgt Ion:252 Resp: 887193

Ion Ratio Lower Upper

252 100

254 64.6 51.9 77.9

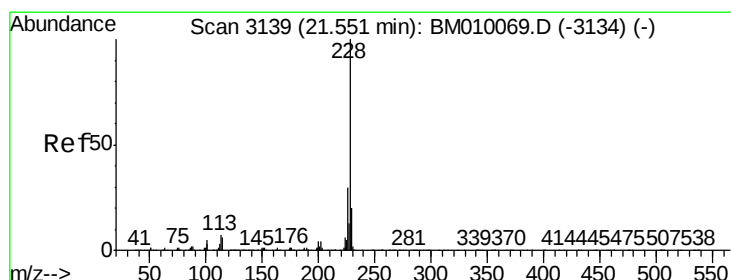
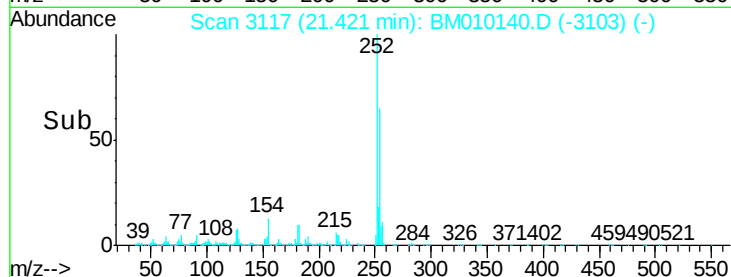
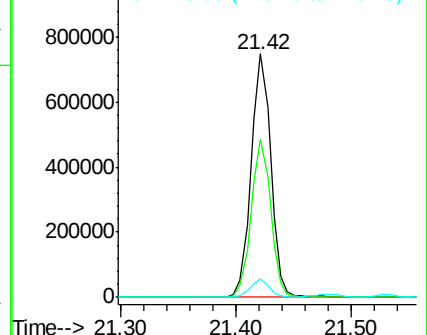
126 7.3 9.8 14.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 42.54 ng

RT: 21.53 min Scan# 3136

Delta R.T. -0.02 min

Lab File: BM010140.D

Acq: 23 May 2017 14:05

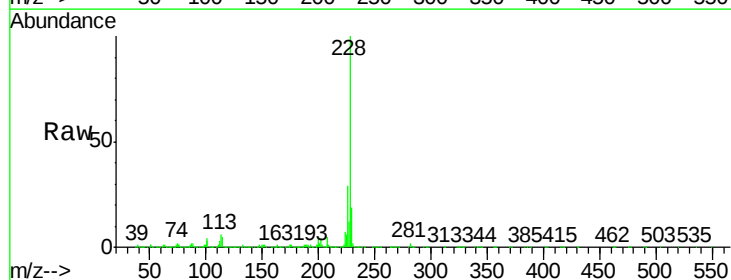
Tgt Ion:228 Resp: 2668178

Ion Ratio Lower Upper

228 100

226 29.2 24.1 36.1

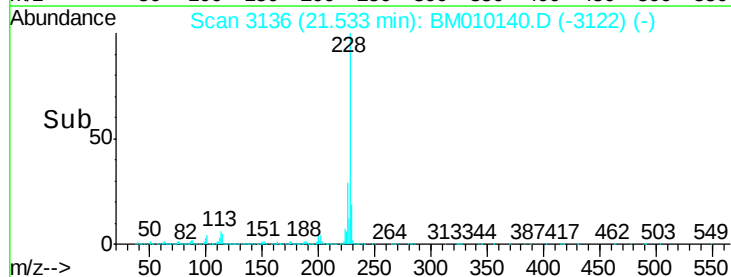
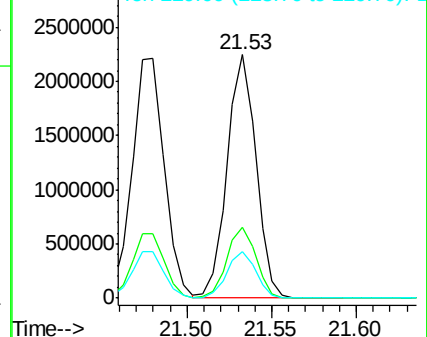
229 19.2 15.5 23.3

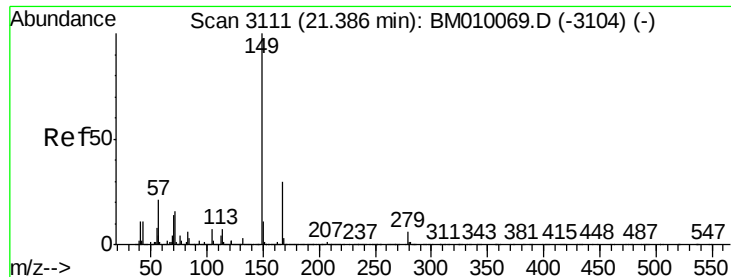


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.60 ng

RT: 21.36 min Scan# 3107

Delta R.T. -0.02 min

Lab File: BM010140.D

Acq: 23 May 2017 14:05

Instrument :

BNA_M

ClientSampleId :

PB99180BSD

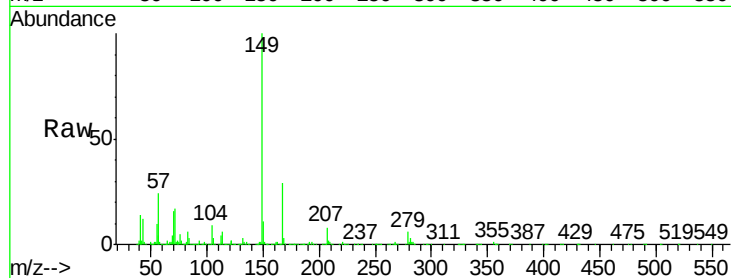
Tgt Ion:149 Resp: 1374669

Ion Ratio Lower Upper

149 100

167 29.4 22.4 33.6

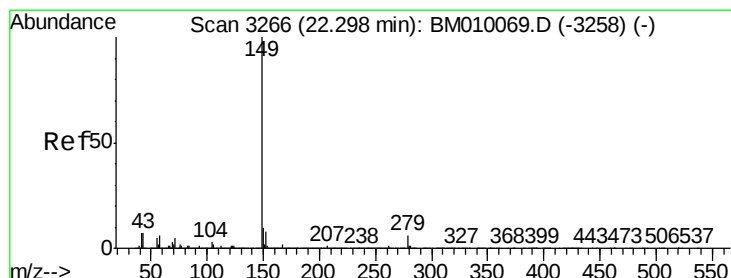
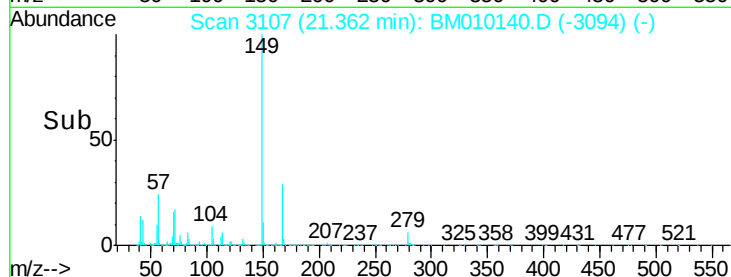
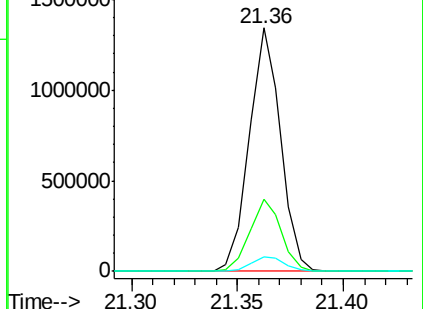
279 5.9 3.4 5.0#



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: 40.10 ng

RT: 22.27 min Scan# 3261

Delta R.T. -0.03 min

Lab File: BM010140.D

Acq: 23 May 2017 14:05

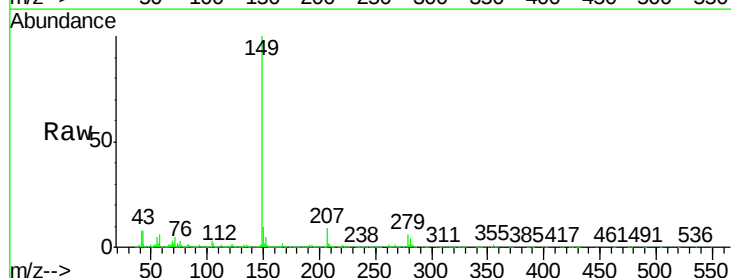
Tgt Ion:149 Resp: 2556746

Ion Ratio Lower Upper

149 100

167 1.8 1.2 1.8#

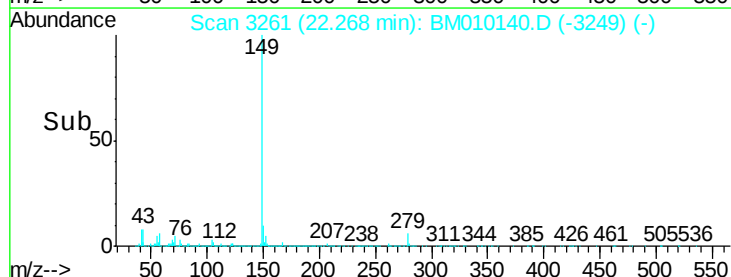
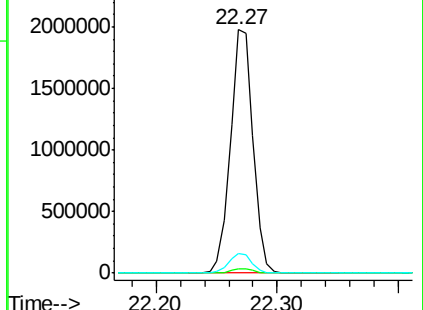
43 8.1 7.3 10.9

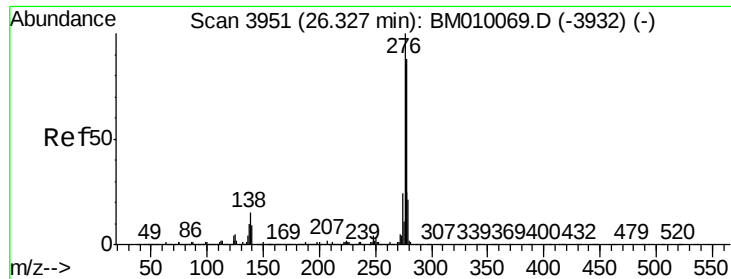


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM





#85

Indeno(1,2,3-cd)pyrene

Concen: 48.96 ng

RT: 26.29 min Scan# 3944

Delta R.T. -0.04 min

Lab File: BM010140.D

Acq: 23 May 2017 14:05

Instrument :

BNA_M

ClientSampleId :

PB99180BSD

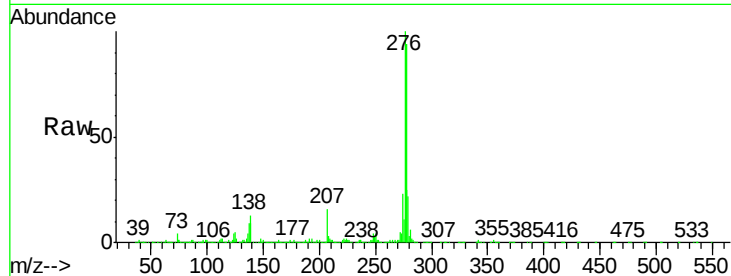
Tgt Ion:276 Resp: 4503442

Ion Ratio Lower Upper

276 100

138 13.8 0.0 0.0#

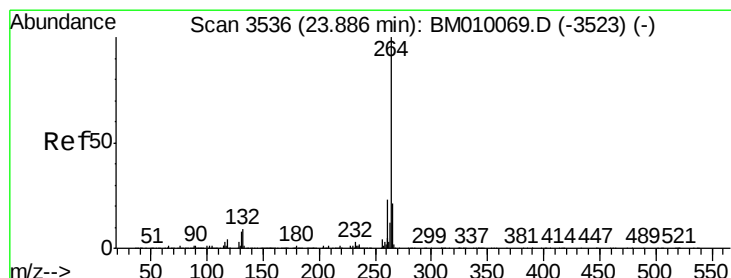
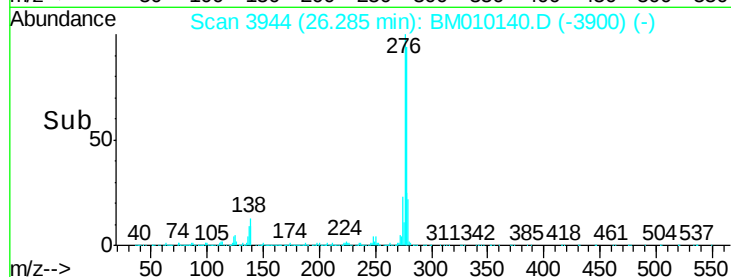
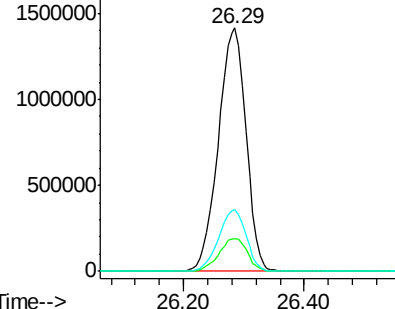
277 25.3 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.86 min Scan# 3531

Delta R.T. -0.03 min

Lab File: BM010140.D

Acq: 23 May 2017 14:05

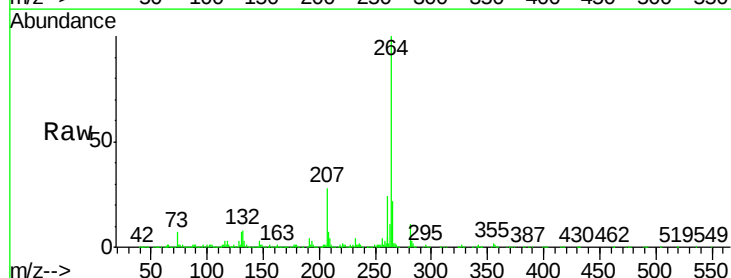
Tgt Ion:264 Resp: 1346402

Ion Ratio Lower Upper

264 100

260 24.0 18.6 27.8

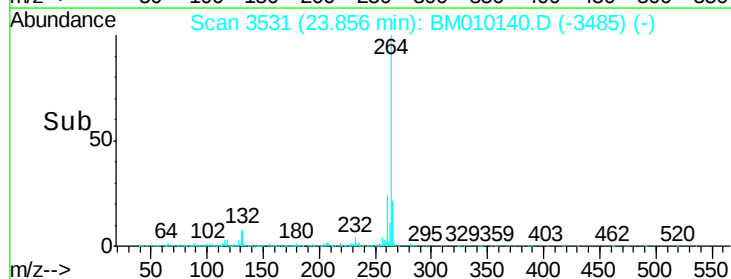
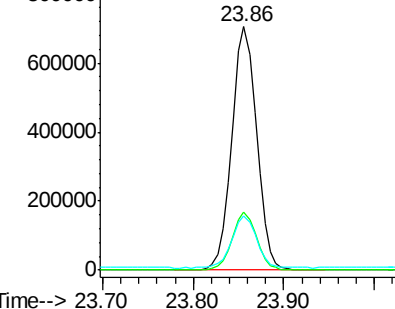
265 22.3 17.3 25.9

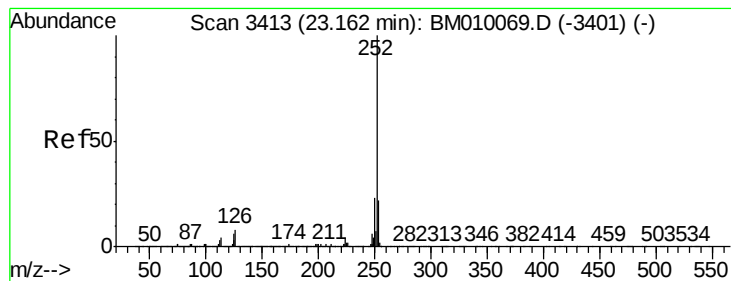


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 45.40 ng

RT: 23.13 min Scan# 3408

Delta R.T. -0.03 min

Lab File: BM010140.D

Acq: 23 May 2017 14:05

Instrument :

BNA_M

ClientSampleId :

PB99180BSD

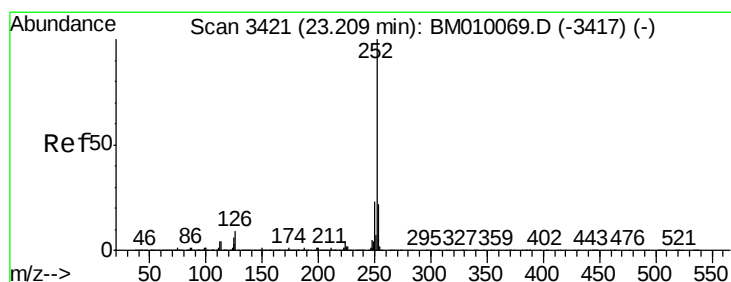
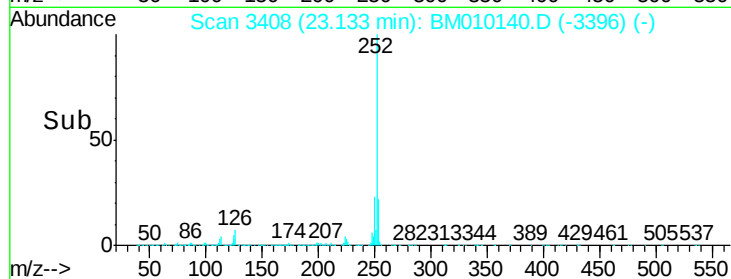
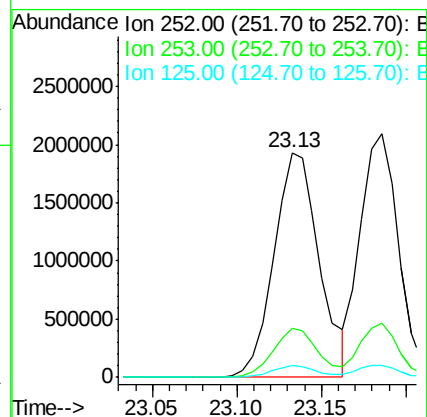
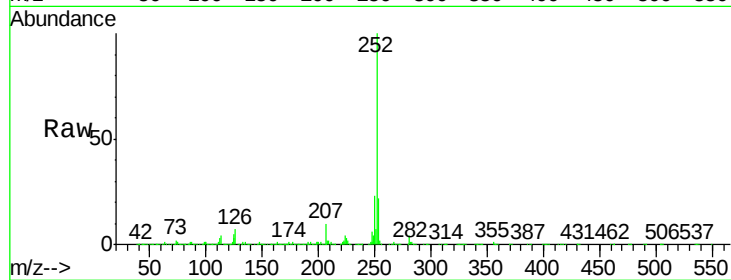
Tgt Ion:252 Resp: 3577582

Ion Ratio Lower Upper

252 100

253 21.6 18.0 27.0

125 5.2 9.9 14.9#



#88

Benzo(k)fluoranthene

Concen: 42.51 ng

RT: 23.19 min Scan# 3417

Delta R.T. -0.02 min

Lab File: BM010140.D

Acq: 23 May 2017 14:05

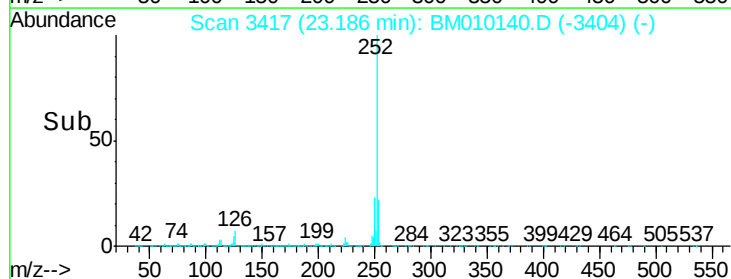
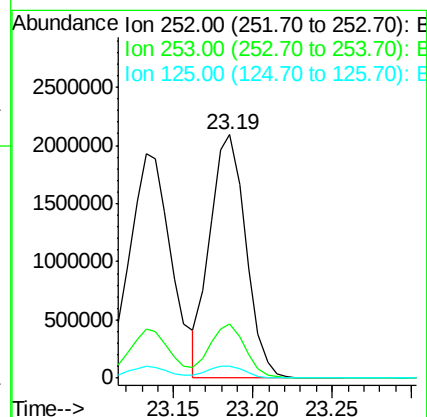
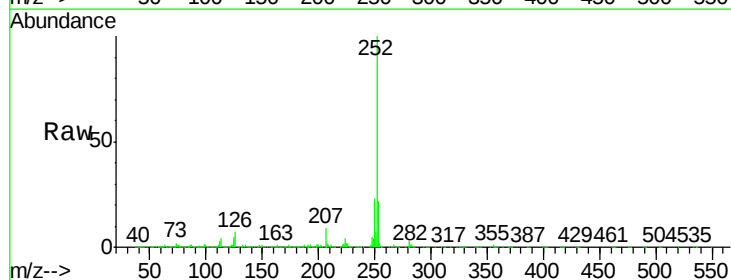
Tgt Ion:252 Resp: 3282178

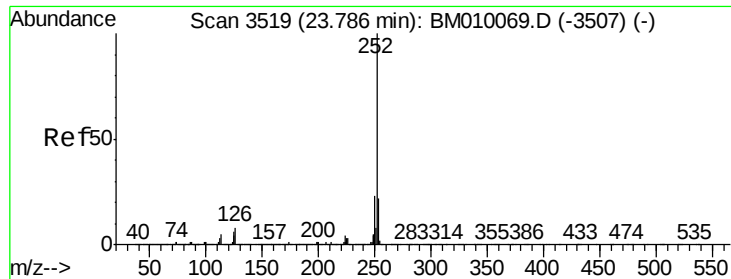
Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

125 5.1 8.1 12.1#





#89

Benzo(a)pyrene

Concen: 45.61 ng

RT: 23.76 min Scan# 3514

Delta R.T. -0.03 min

Lab File: BM010140.D

Acq: 23 May 2017 14:05

Instrument :

BNA_M

ClientSampleId :

PB99180BSD

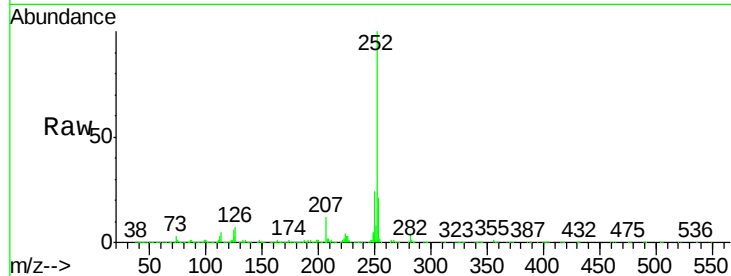
Tgt Ion:252 Resp: 3424756

Ion Ratio Lower Upper

252 100

253 21.3 17.6 26.4

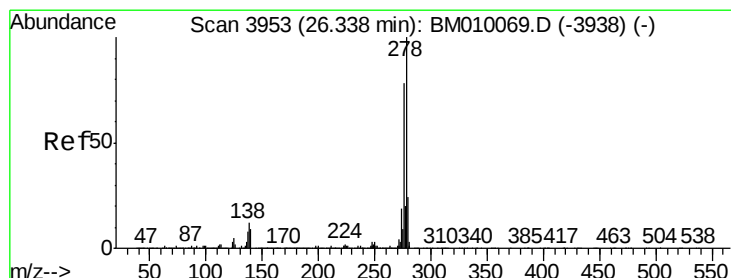
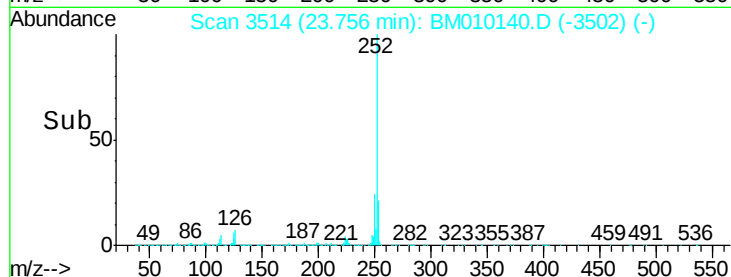
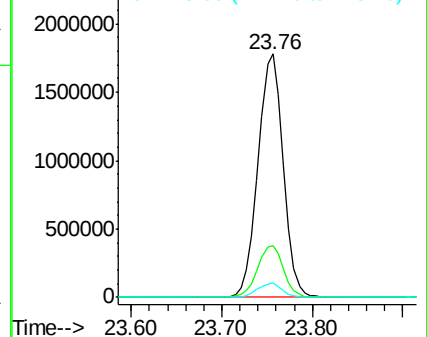
125 5.8 7.4 11.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 45.31 ng

RT: 26.29 min Scan# 3945

Delta R.T. -0.05 min

Lab File: BM010140.D

Acq: 23 May 2017 14:05

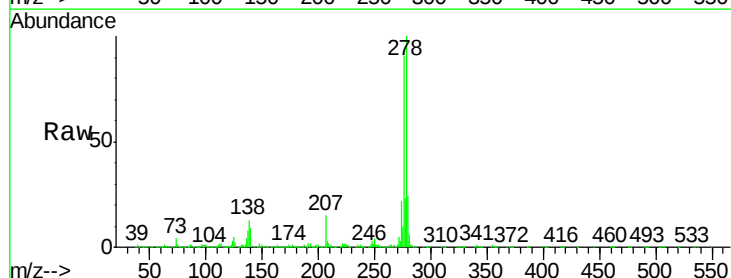
Tgt Ion:278 Resp: 3804484

Ion Ratio Lower Upper

278 100

139 8.7 13.4 20.0#

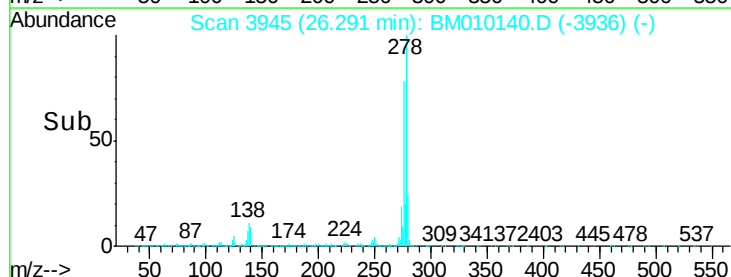
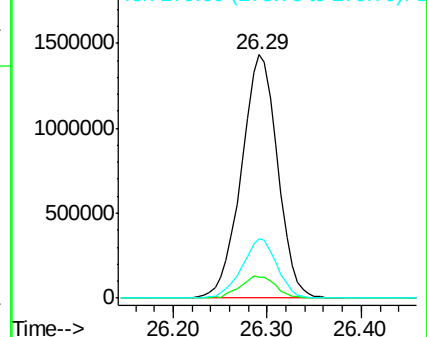
279 24.3 19.0 28.4

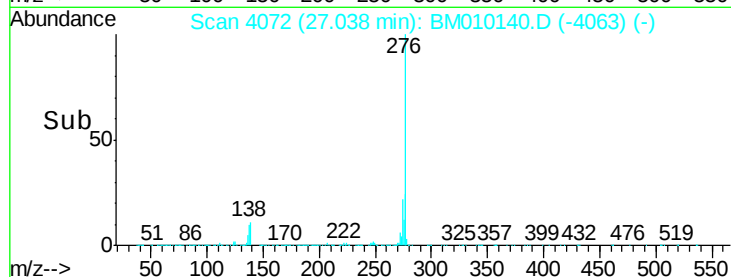
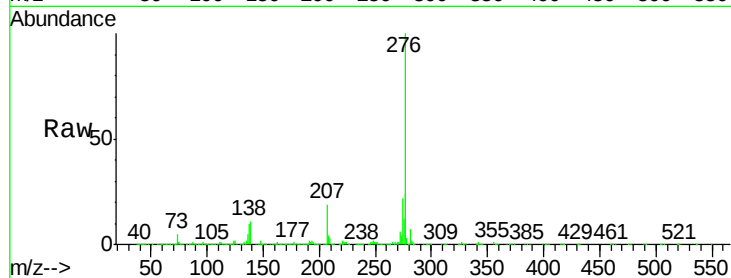
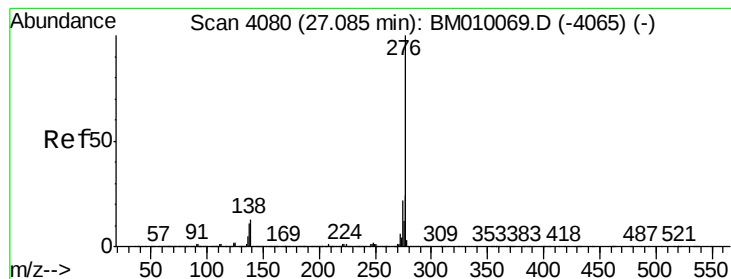


Abundance Ion 278.00 (277.70 to 278.70): E

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: 44.72 ng

RT: 27.04 min Scan# 4072

Delta R.T. -0.05 min

Lab File: BM010140.D

Acq: 23 May 2017 14:05

Instrument :

BNA_M

ClientSampleId :

PB99180BSD

Tgt Ion:276 Resp: 3678861

Ion Ratio Lower Upper

276 100

277 23.7 18.5 27.7

138 11.5 19.0 28.6#

