

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051917\
 Data File : BM010092.D
 Acq On : 20 May 2017 05:01
 Operator : SJ/MA
 Sample : I3177-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 20 05:41:13 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

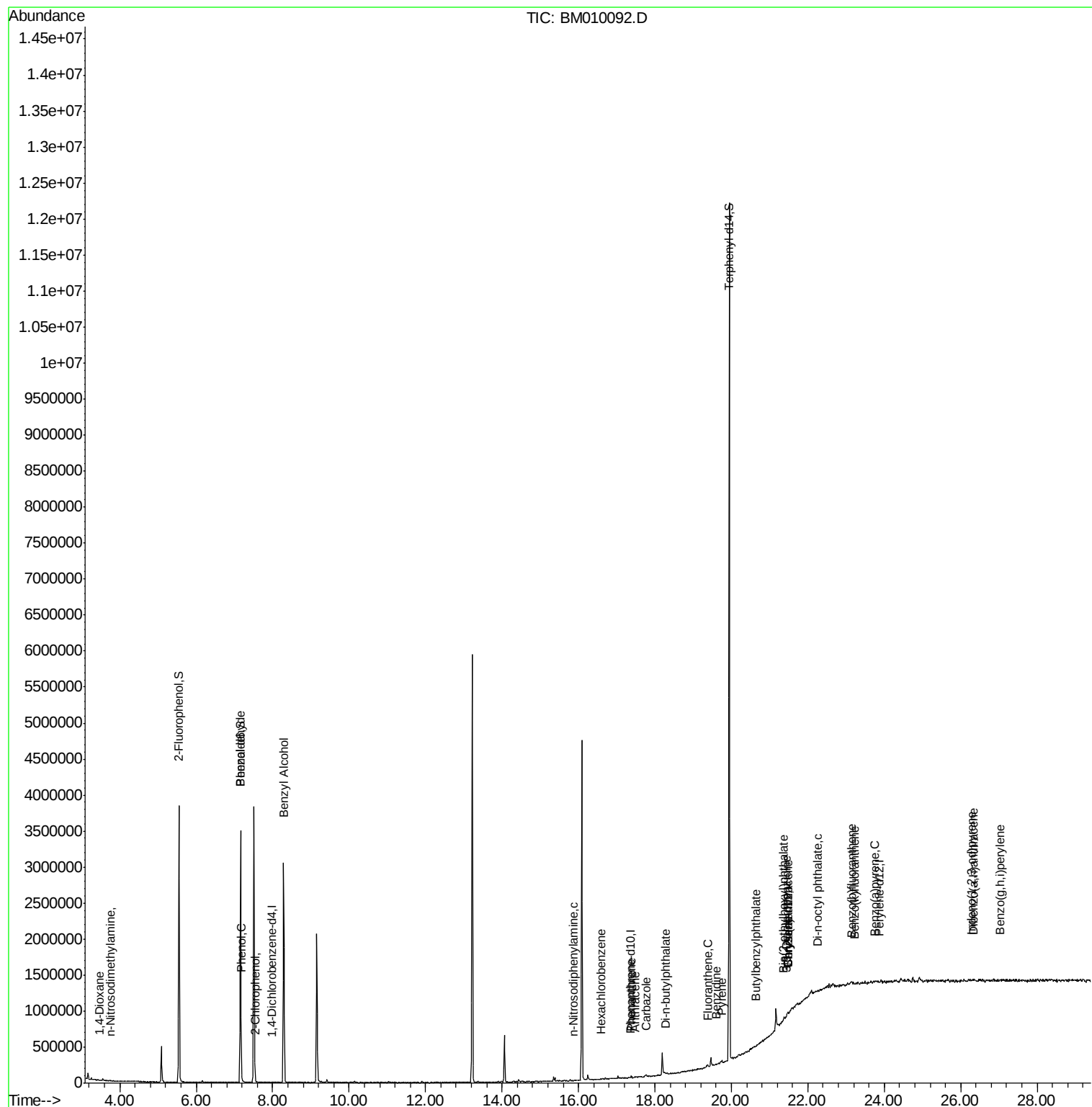
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	2058	20.00	ng	0.00
21) Naphthalene-d8	0.00	136	0	0.00	ng	-10.79
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-14.61
63) Phenanthrene-d10	17.35	188	274	20.00	ng	0.00
75) Chrysene-d12	21.50	240	1414	20.00	ng	-0.01
86) Perylene-d12	23.87	264	361	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1465441	12858.90	ng	0.00
7) Phenol-d6	7.16	99	1842641	12565.46	ng	-0.01
23) Nitrobenzene-d5	9.16	82	1151931	0.00	ng	-0.01
41) 2,4,6-Tribromophenol	16.09	330	841100	0.00	ng	0.00
44) 2-Fluorobiphenyl	13.22	172	2937224	0.00	ng	-0.01
78) Terphenyl-d14	19.94	244	5081606	81715.57	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.46	88	115	2.20	ng	# 100
4) n-Nitrosodimethylamine	3.76	42	1285	25.34	ng	# 21
8) 2-Chlorophenol	7.55	128	905	7.30	ng	# 38
9) Benzaldehyde	7.16	77	6438	70.53	ng	# 2
10) Phenol	7.18	94	33197	214.81	ng	# 77
15) Benzyl Alcohol	8.29	79	24593	221.66	ng	# 43
65) n-Nitrosodiphenylamine	15.87	169	107	13.03	ng	# 24
67) Hexachlorobenzene	16.59	284	136	31.91	ng	# 47
70) Phenanthrene	17.39	178	11493	749.70	ng	# 92
71) Anthracene	17.47	178	3726	244.91	ng	# 57
72) Carbazole	17.76	167	3269	242.69	ng	# 60
73) Di-n-butylphthalate	18.27	149	4011	251.15	ng	# 86
74) Fluoranthene	19.39	202	21105	1060.30	ng	# 88
76) Benzdine	19.59	184	155	5.94	ng	# 1
77) Pyrene	19.75	202	20200	266.46	ng	# 89
79) Butylbenzylphthalate	20.63	149	343	12.22	ng	# 74
80) Benzo(a)anthracene	21.48	228	13912	178.52	ng	# 98
81) 3,3'-Dichlorobenzidine	21.43	252	606	19.33	ng	# 64
82) Chrysene	21.48	228	13912	188.23	ng	# 94
83) Bis(2-ethylhexyl)phthalate	21.37	149	8522	203.06	ng	# 95
84) Di-n-octyl phthalate	22.26	149	1731	23.04	ng	# 1
85) Indeno(1,2,3-cd)pyrene	26.29	276	11056	102.01	ng	# 100
87) Benzo(b)fluoranthene	23.15	252	17618	833.89	ng	# 39
88) Benzo(k)fluoranthene	23.23	252	1246	60.20	ng	# 1
89) Benzo(a)pyrene	23.76	252	14950	742.58	ng	# 27
90) Dibenzo(a,h)anthracene	26.34	278	763	33.89	ng	# 1
91) Benzo(g,h,i)perylene	27.03	276	3744	169.73	ng	# 97

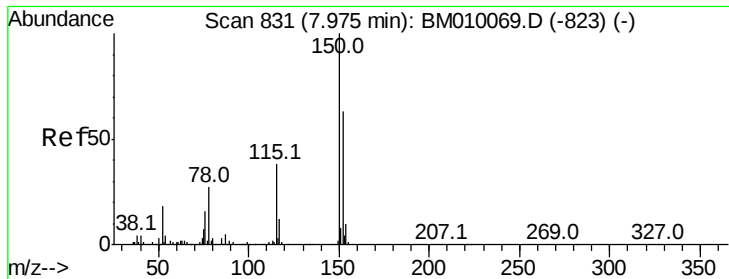
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051917\
Data File : BM010092.D
Acq On : 20 May 2017 05:01
Operator : SJ/MA
Sample : I3177-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: May 20 05:41:13 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



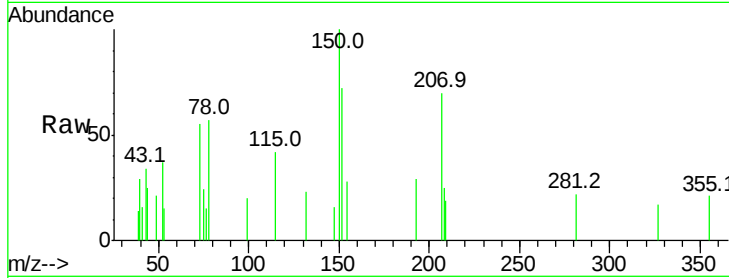


#1

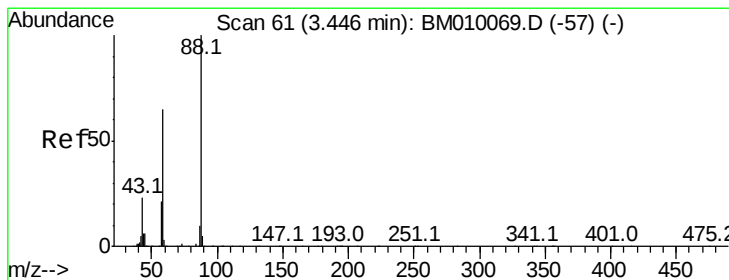
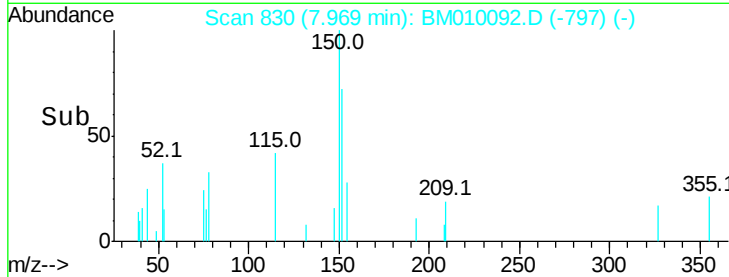
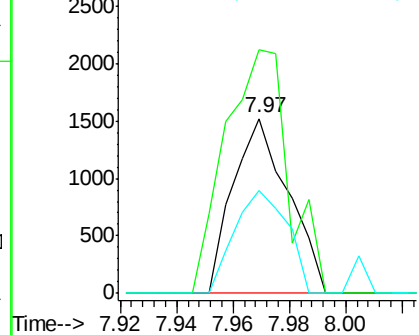
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BM010092.D
Acq: 20 May 2017 05:01

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 2058
Ion Ratio Lower Upper
152 100
150 139.4 119.5 179.3
115 59.0 43.0 64.4



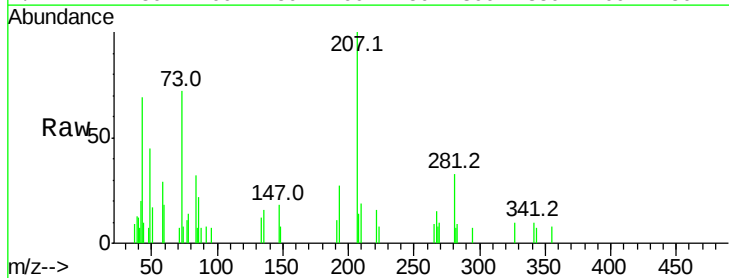
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



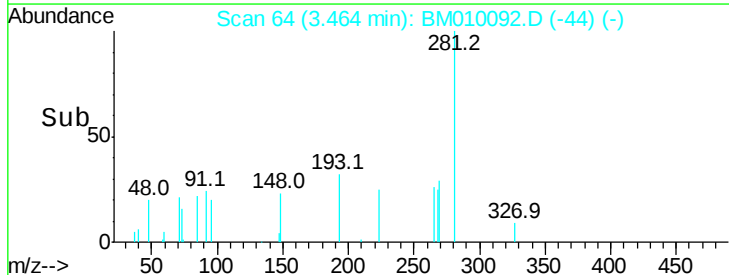
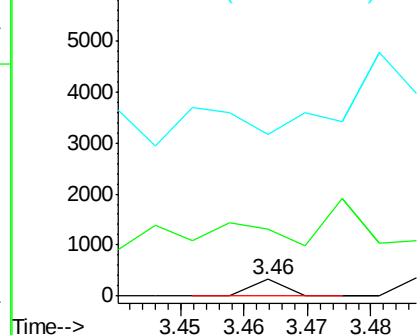
#2

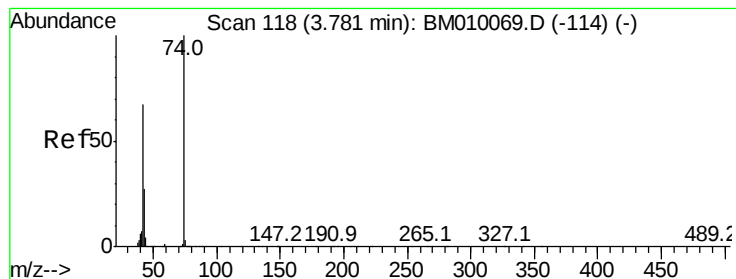
1,4-Dioxane
Concen: 2.20 ng
RT: 3.46 min Scan# 64
Delta R.T. 0.02 min
Lab File: BM010092.D
Acq: 20 May 2017 05:01

Tgt Ion: 88 Resp: 115
Ion Ratio Lower Upper
88 100
58 547.0 0.0 0.0#
43 488.7 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



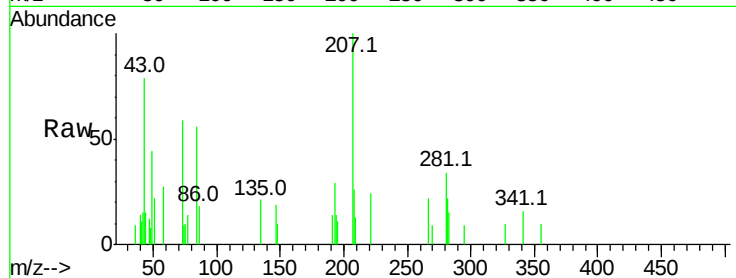


#4

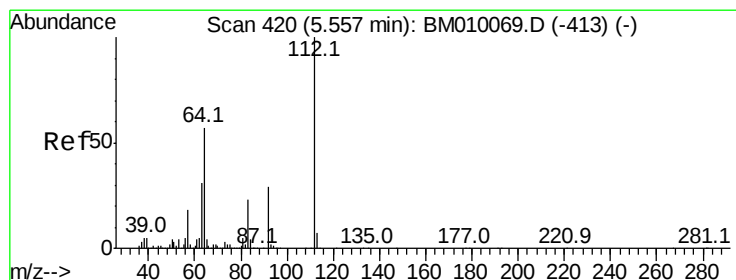
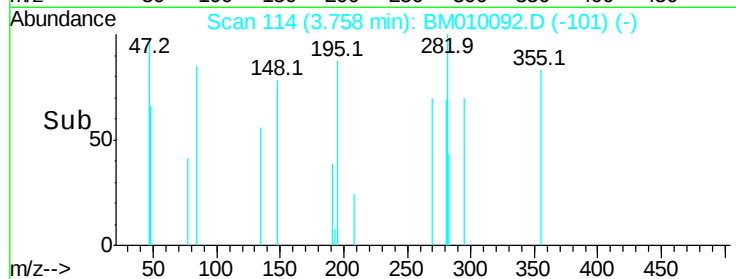
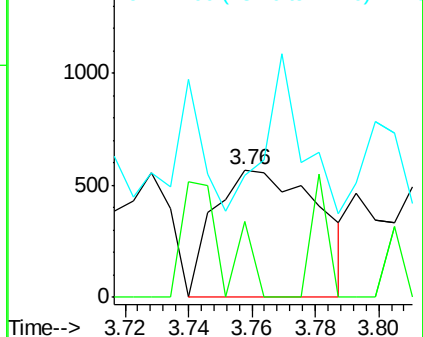
n-Nitrosodimethylamine
 Concen: 25.34 ng
 RT: 3.76 min Scan# 114
 Delta R.T. -0.02 min
 Lab File: BM010092.D
 Acq: 20 May 2017 05:01

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	42	Resp	1285
Ion	Ratio	Lower	Upper
42	100		
74	59.9	119.3	178.9#
44	95.8	5.4	8.2#



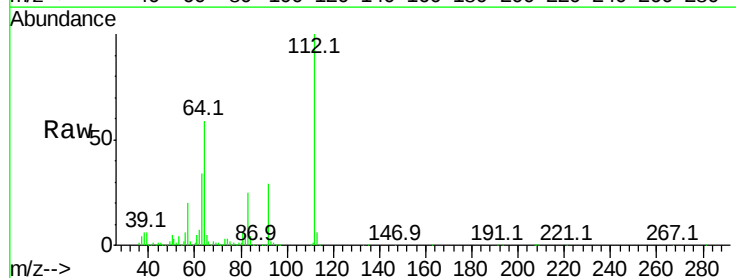
Abundance Ion 42.00 (41.70 to 42.70): BM0
 Ion 74.00 (73.70 to 74.70): BM0
 Ion 44.00 (43.70 to 44.70): BM0



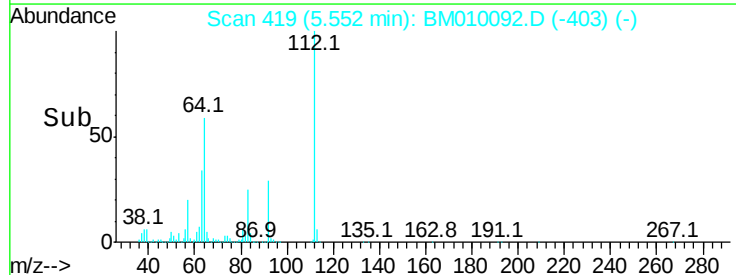
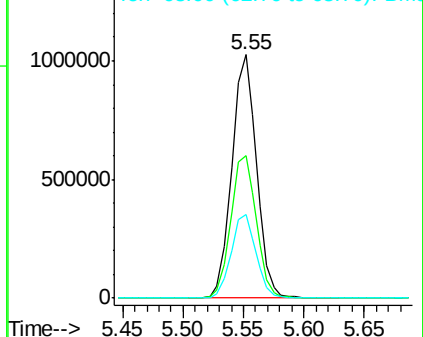
#5

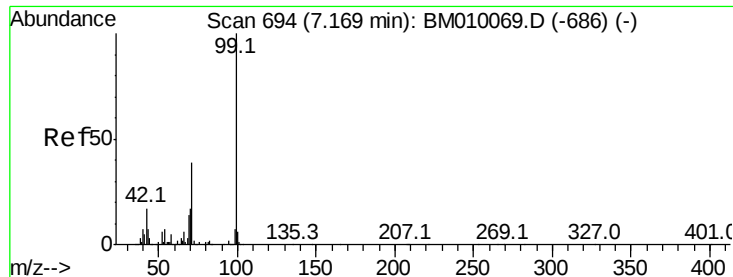
2-Fluorophenol
 Concen: 12858.90 ng
 RT: 5.55 min Scan# 419
 Delta R.T. -0.01 min
 Lab File: BM010092.D
 Acq: 20 May 2017 05:01

Tgt Ion	112	Resp	1465441
Ion	Ratio	Lower	Upper
112	100		
64	58.6	38.6	57.8#
63	34.2	19.3	28.9#



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BM0
 Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 12565.46 ng

RT: 7.16 min Scan# 692

Delta R.T. -0.01 min

Lab File: BM010092.D

Acq: 20 May 2017 05:01

Instrument :

BNA_M

ClientSampleId :

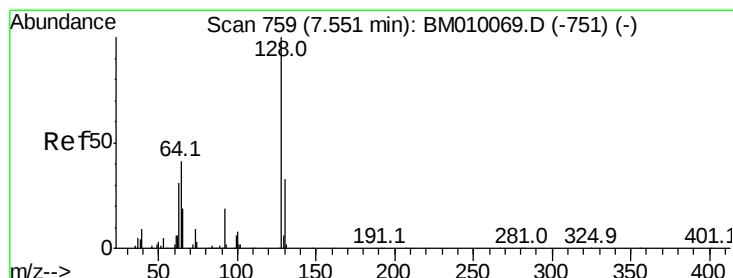
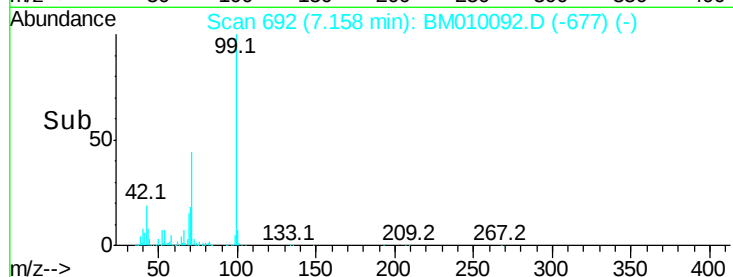
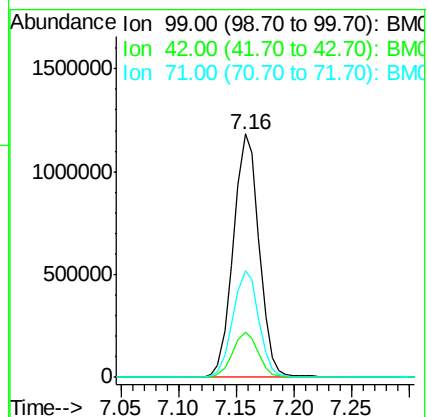
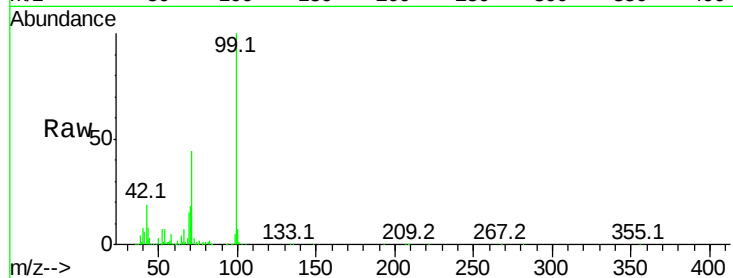
Tot Ion: 99 Resp: 1842641

Ion Ratio Lower Upper

99 100

42 18.7 11.0 16.4#

71 43.8 23.4 35.2#



#8

2-Chlorophenol

Concen: 7.30 ng

RT: 7.55 min Scan# 759

Delta R.T. 0.00 min

Lab File: BM010092.D

Acq: 20 May 2017 05:01

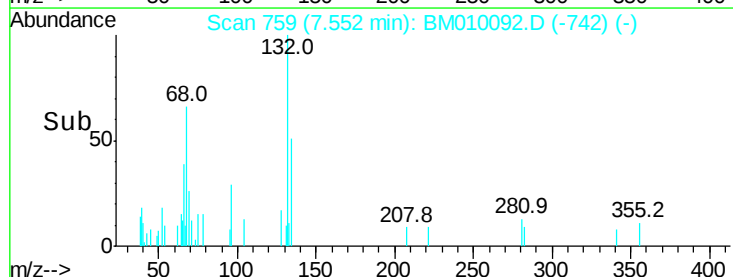
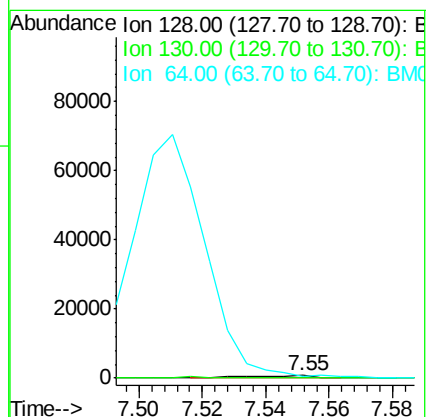
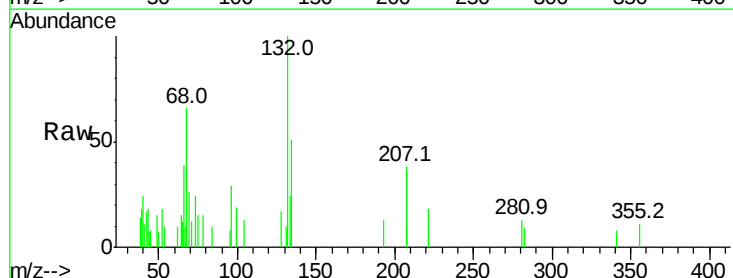
Tgt Ion: 128 Resp: 905

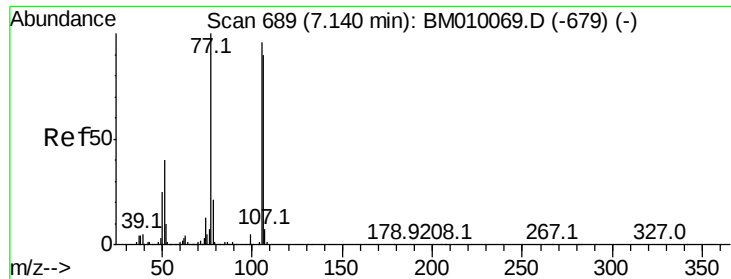
Ion Ratio Lower Upper

128 100

130 0.0 12.0 52.0#

64 88.1 24.9 64.9#





#9

Benzaldehyde

Concen: 70.53 ng

RT: 7.16 min Scan# 693

Delta R.T. 0.02 min

Lab File: BM010092.D

Acq: 20 May 2017 05:01

Instrument :

BNA_M

ClientSampleId :

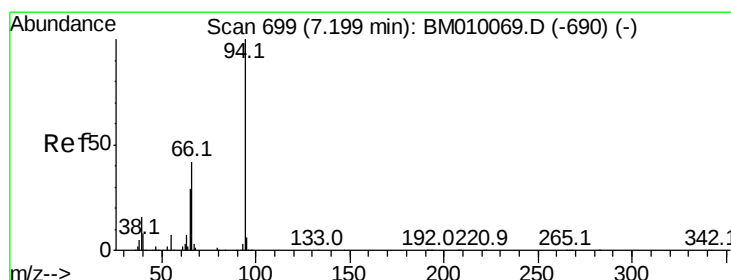
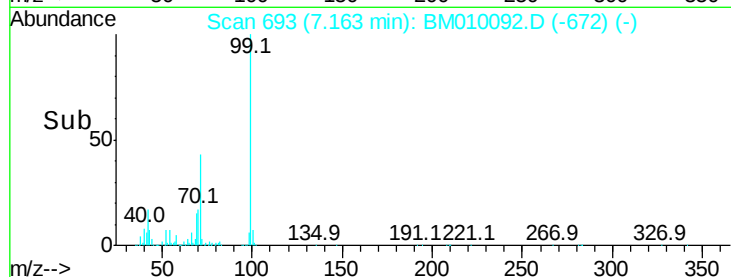
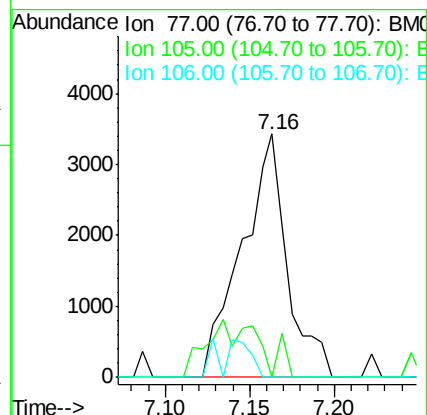
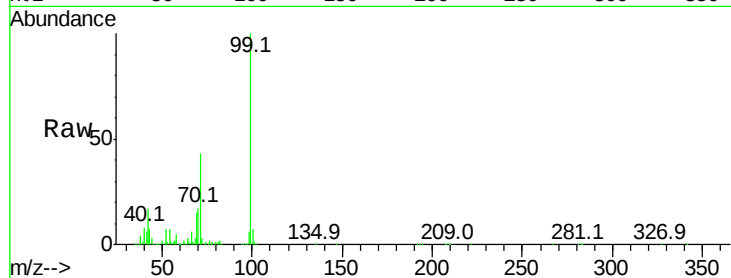
Tot Ion: 77 Resp: 6438

Ion Ratio Lower Upper

77 100

105 0.0 78.8 118.8#

106 0.0 73.7 113.7#



#10

Phenol

Concen: 214.81 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.02 min

Lab File: BM010092.D

Acq: 20 May 2017 05:01

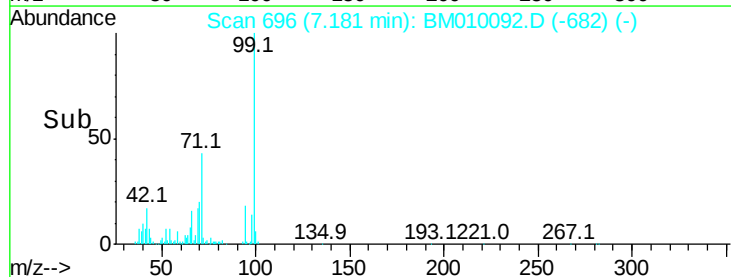
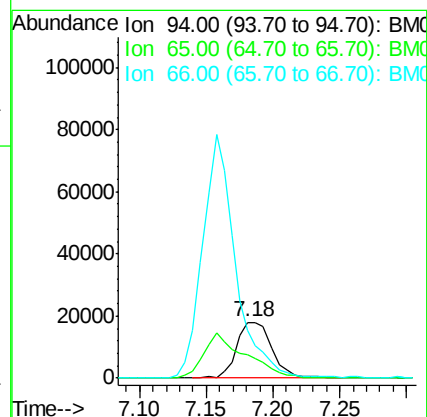
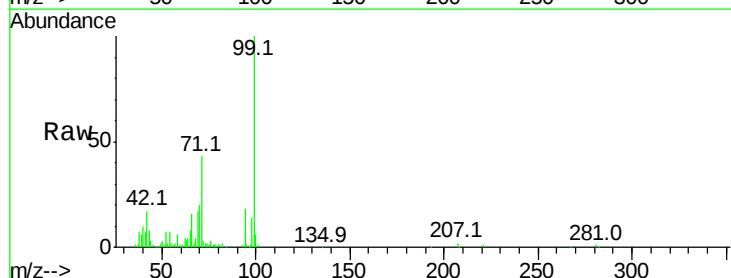
Tgt Ion: 94 Resp: 33197

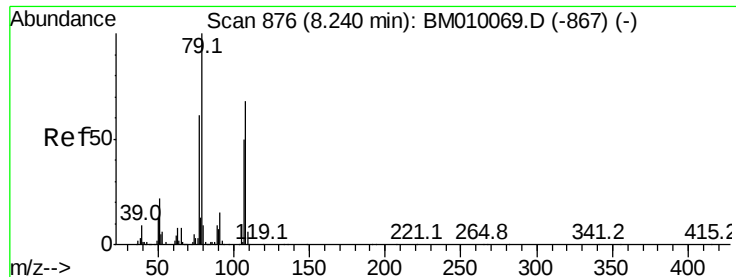
Ion Ratio Lower Upper

94 100

65 41.7 18.8 58.8

66 86.4 39.9 79.9#





#15

Benzyl Alcohol

Concen: 221.66 ng

RT: 8.29 min Scan# 884

Delta R.T. 0.05 min

Lab File: BM010092.D

Acq: 20 May 2017 05:01

Instrument :

BNA_M

ClientSampled :

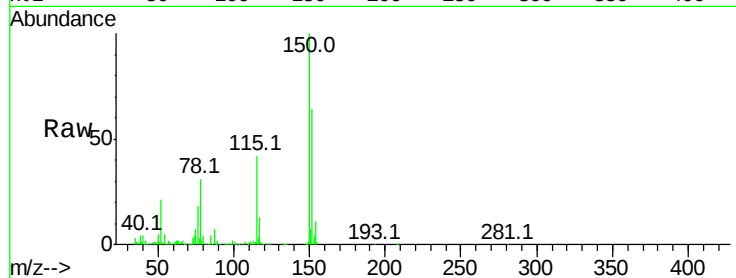
Tot Ion: 79 Resp: 24593

Ion Ratio Lower Upper

79 100

108 43.5 65.0 97.4#

77 125.7 53.0 79.6#

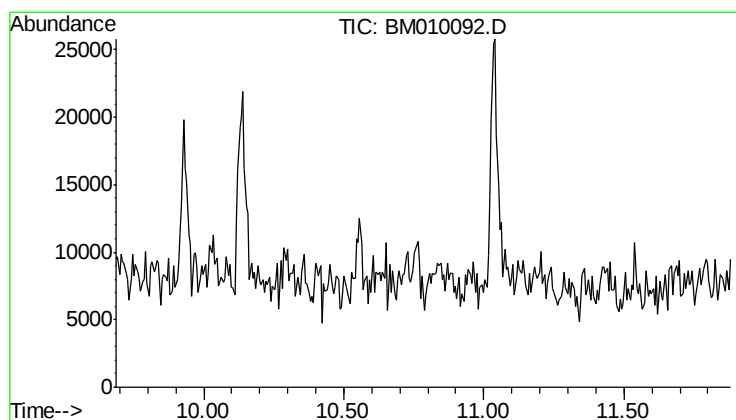
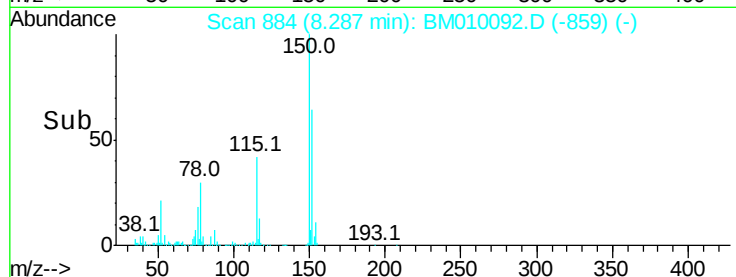
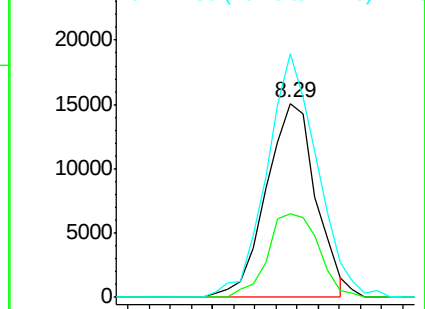


Abundance

Ion 79.00 (78.70 to 79.70): BM010092.D

Ion 108.00 (107.70 to 108.70): BM010092.D

Ion 77.00 (76.70 to 77.70): BM010092.D



#21

Naphthalene-d8

Concen: 0.00 ng

Expected RT: 10.79 min

Lab File: BM010092.D

Acq: 20 May 2017 05:01

Tgt Ion: 136

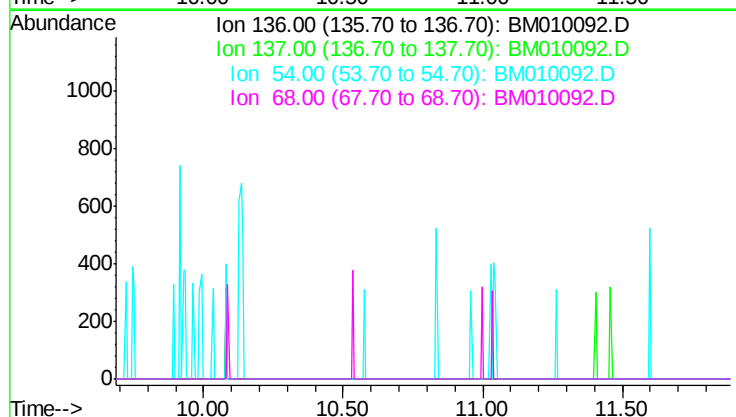
Sig Exp Ratio

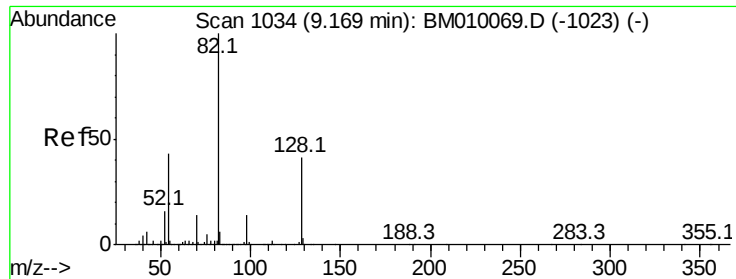
136 100

137 10.9

54 5.7

68 4.6

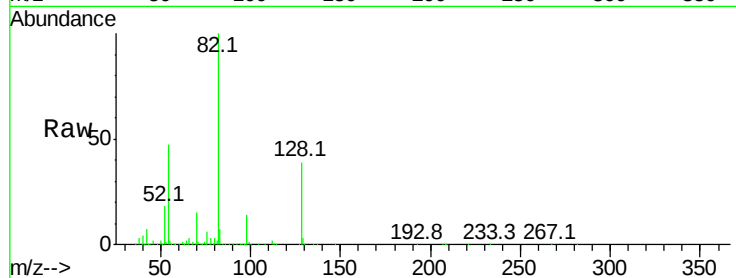




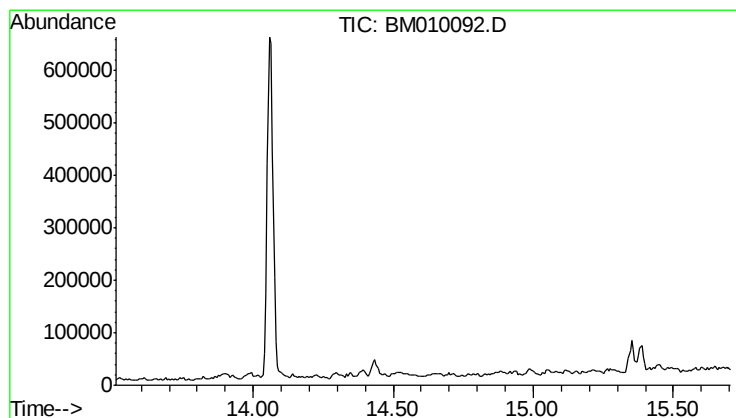
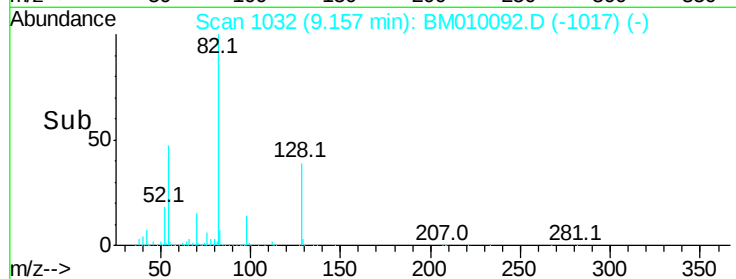
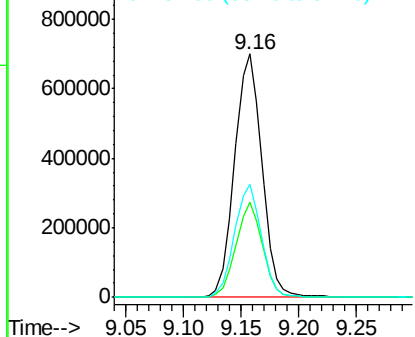
#23
Nitrobenzene-d5
Concen: 0.00 ng
RT: 9.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BM010092.D
Acq: 20 May 2017 05:01

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 82 Resp: 1151931
Ion Ratio Lower Upper
82 100
128 38.9 32.8 49.2
54 46.5 40.6 60.8



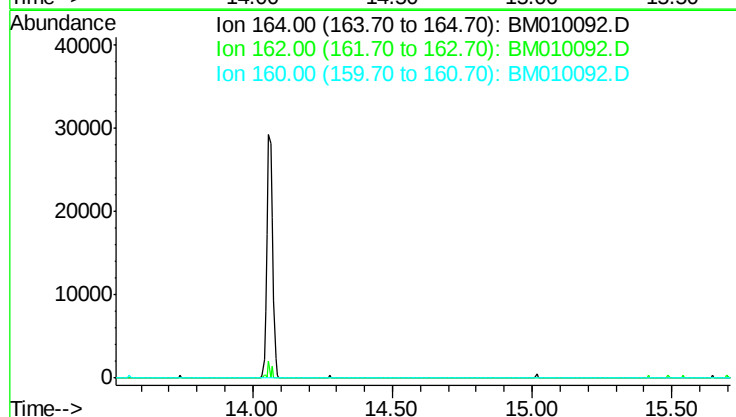
Abundance Ion 82.00 (81.70 to 82.70): BM010092.D
Ion 128.00 (127.70 to 128.70): BM010092.D
Ion 54.00 (53.70 to 54.70): BM010092.D

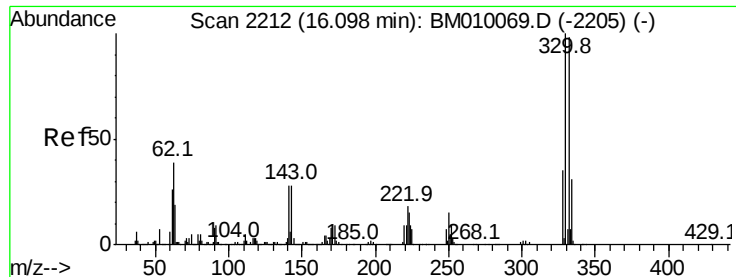


#38
Acenaphthene-d10
Concen: 0.00 ng
Expected RT: 14.61 min

Lab File: BM010092.D
Acq: 20 May 2017 05:01

Tgt Ion: 164
Sig Exp Ratio
164 100
162 103.0
160 44.7

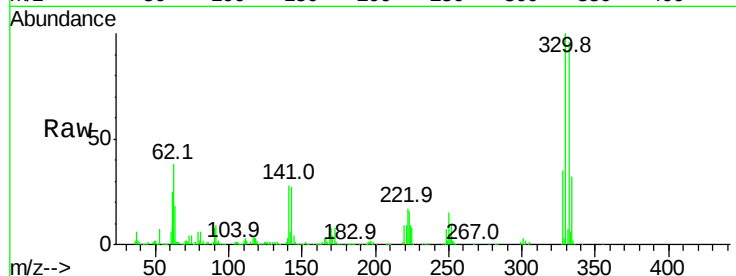




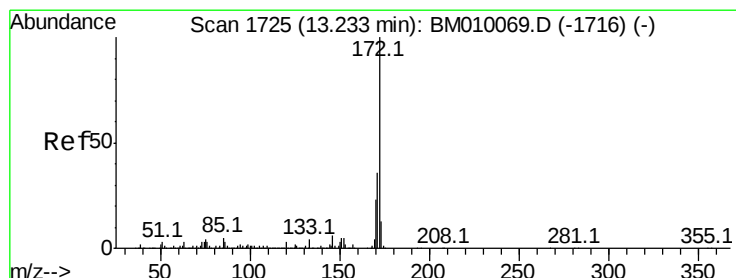
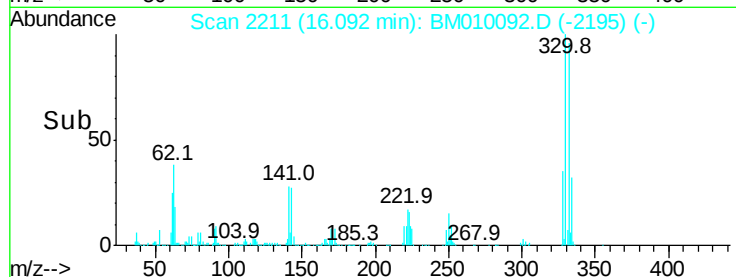
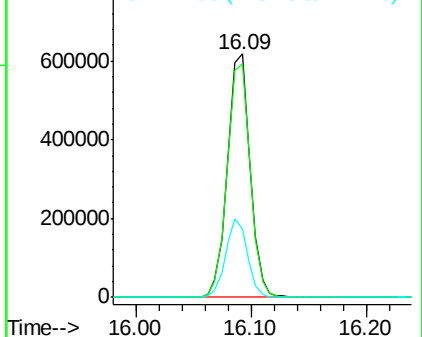
#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 RT: 16.09 min Scan# 2211
 Delta R.T. -0.01 min
 Lab File: BM010092.D
 Acq: 20 May 2017 05:01

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 841100
 Ion Ratio Lower Upper
 330 100
 332 97.6 0.0 0.0#
 141 31.3 0.0 0.0#

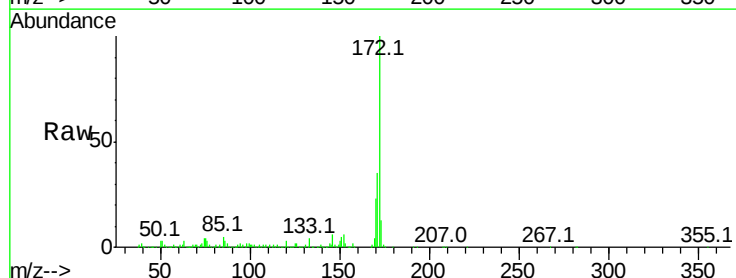


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

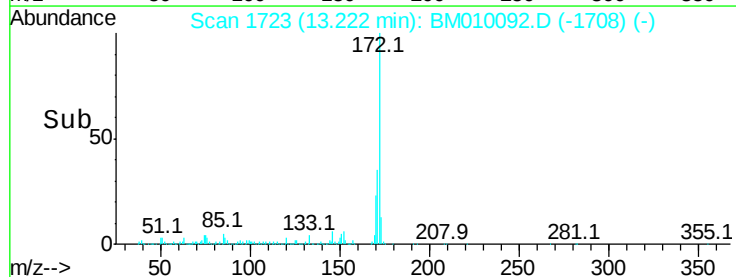
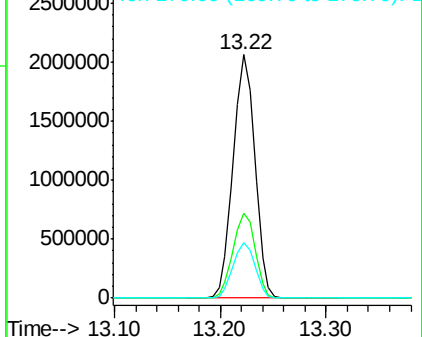


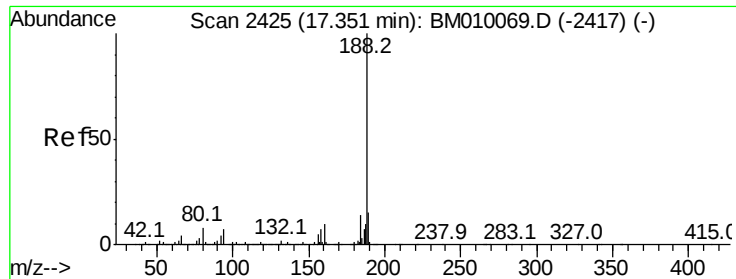
#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 RT: 13.22 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BM010092.D
 Acq: 20 May 2017 05:01

Tgt Ion:172 Resp: 2937224
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.5 42.7
 170 22.9 18.8 28.2



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.35 min Scan# 2424

Delta R.T. -0.01 min

Lab File: BM010092.D

Acq: 20 May 2017 05:01

Instrument :

BNA_M

ClientSampled :

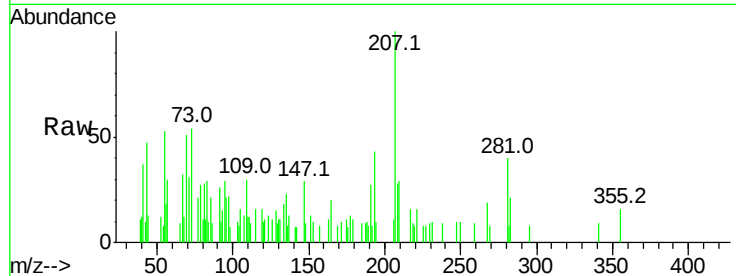
Tot Ion:188 Resp: 274

Ion Ratio Lower Upper

188 100

94 0.0 8.7 13.1#

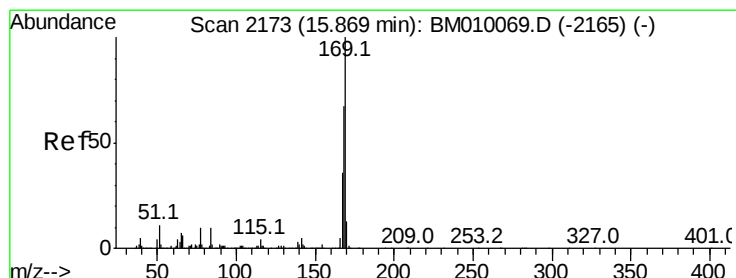
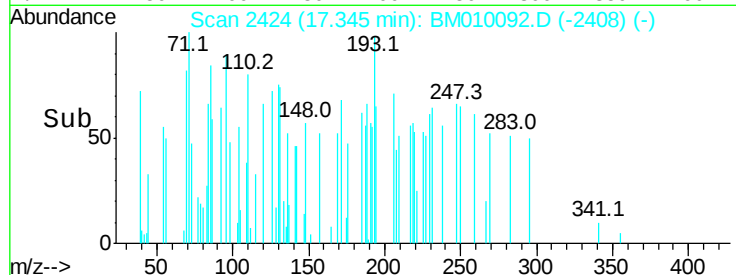
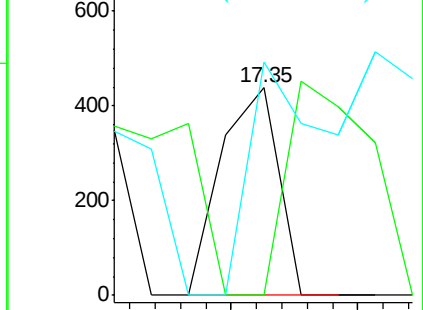
80 112.8 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM010092.D (-2408) (-)

Ion 80.00 (79.70 to 80.70): BM010092.D (-2408) (-)



#65

n-Nitrosodiphenylamine

Concen: 13.03 ng

RT: 15.87 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BM010092.D

Acq: 20 May 2017 05:01

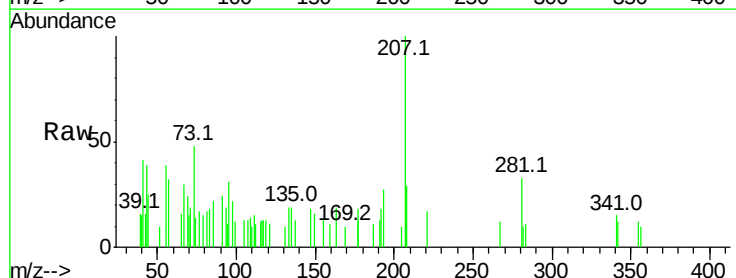
Tgt Ion:169 Resp: 107

Ion Ratio Lower Upper

169 100

168 0.0 53.9 80.9#

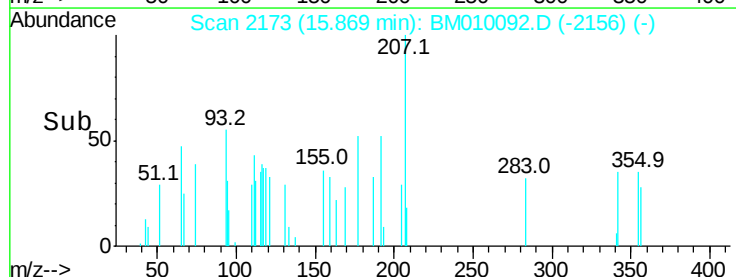
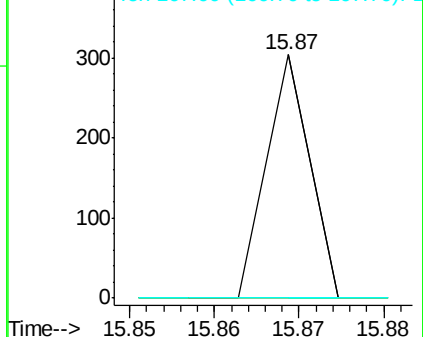
167 0.0 28.9 43.3#

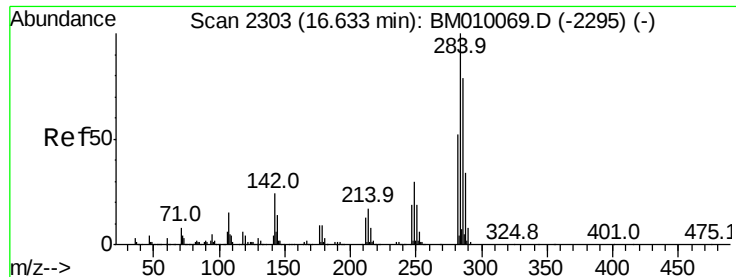


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

Hexachlorobenzene

Concen: 31.91 ng

RT: 16.59 min Scan# 2296

Delta R.T. -0.04 min

Lab File: BM010092.D

Acq: 20 May 2017 05:01

Instrument :

BNA_M

ClientSampled :

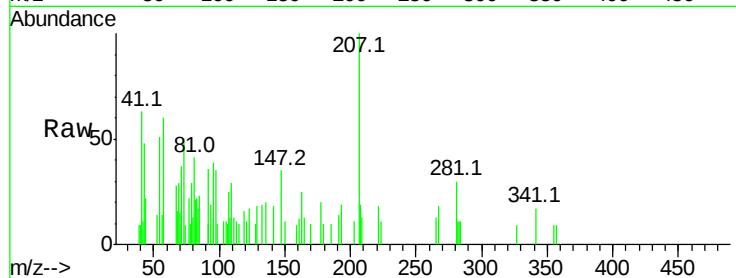
Tot Ion:284 Resp: 136

Ion Ratio Lower Upper

284 100

142 0.0 20.4 30.6#

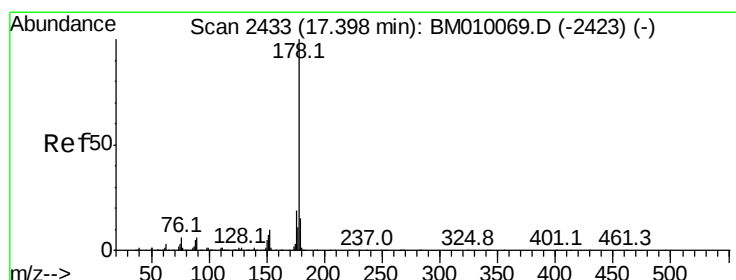
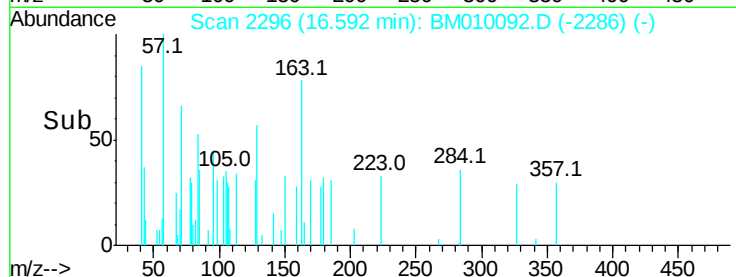
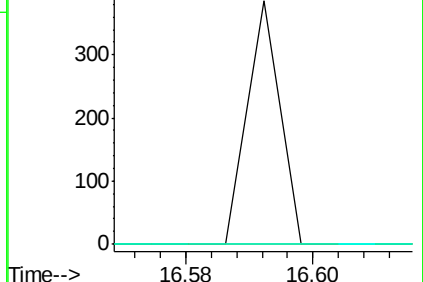
249 0.0 23.8 35.6#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#70

Phenanthrene

Concen: 749.70 ng

RT: 17.39 min Scan# 2431

Delta R.T. -0.01 min

Lab File: BM010092.D

Acq: 20 May 2017 05:01

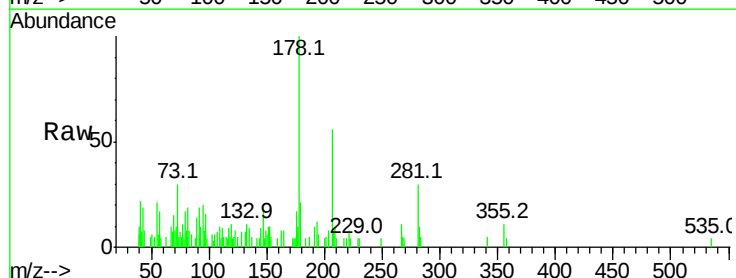
Tgt Ion:178 Resp: 11493

Ion Ratio Lower Upper

178 100

176 17.2 15.2 22.8

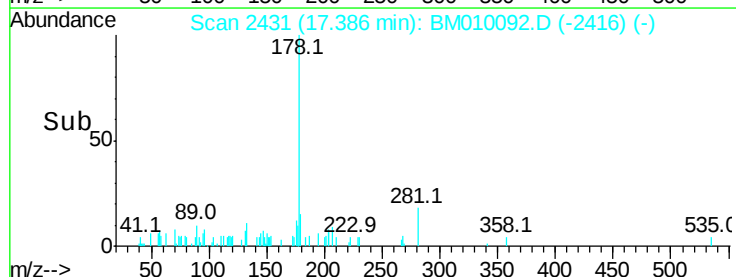
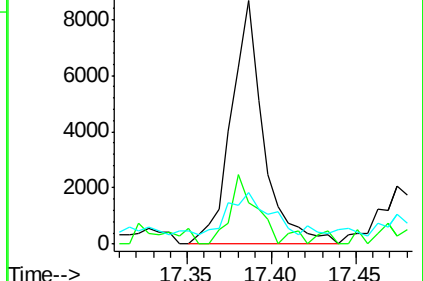
179 21.0 12.1 18.1#

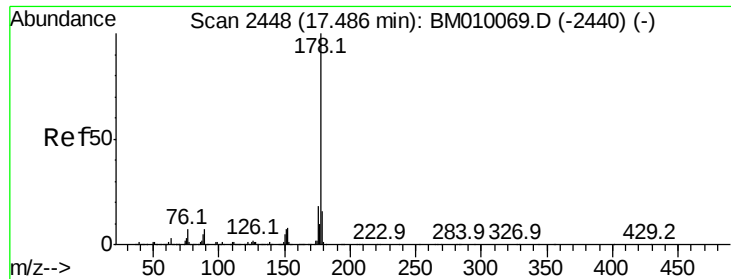


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 244.91 ng

RT: 17.47 min Scan# 2446

Delta R.T. -0.01 min

Lab File: BM010092.D

Acq: 20 May 2017 05:01

Instrument :

BNA_M

ClientSampled :

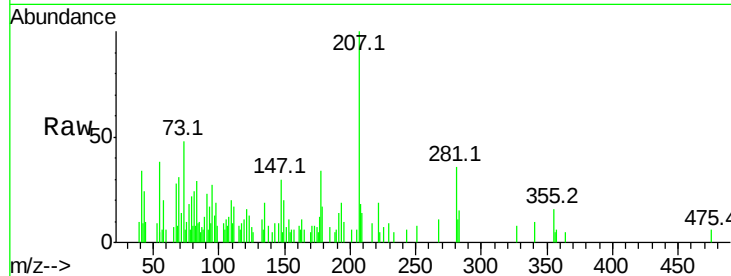
Tot Ion:178 Resp: 3726

Ion Ratio Lower Upper

178 100

176 15.0 14.6 22.0

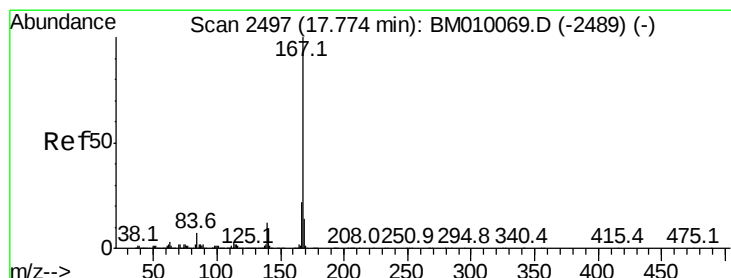
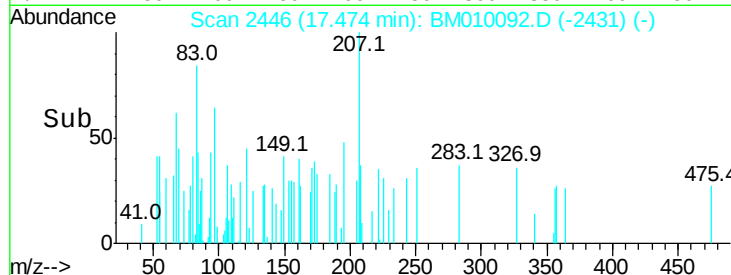
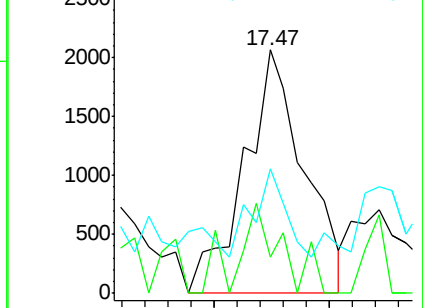
179 51.1 12.6 19.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 242.69 ng

RT: 17.76 min Scan# 2494

Delta R.T. -0.02 min

Lab File: BM010092.D

Acq: 20 May 2017 05:01

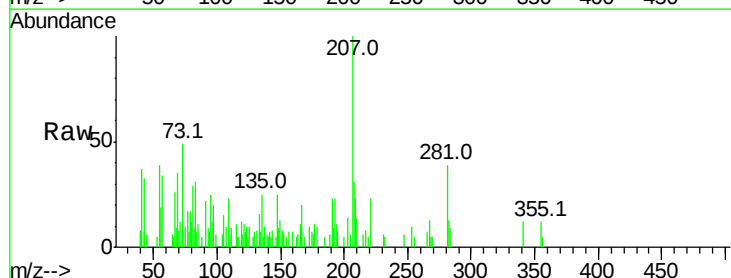
Tgt Ion:167 Resp: 3269

Ion Ratio Lower Upper

167 100

166 38.9 17.2 25.8#

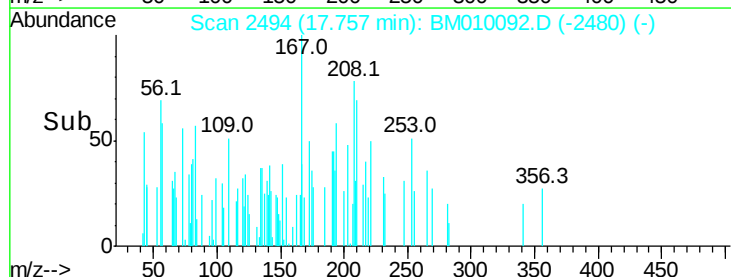
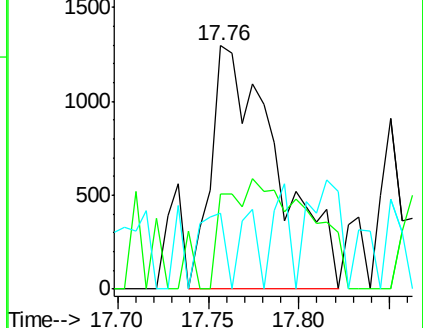
139 31.1 10.8 16.2#

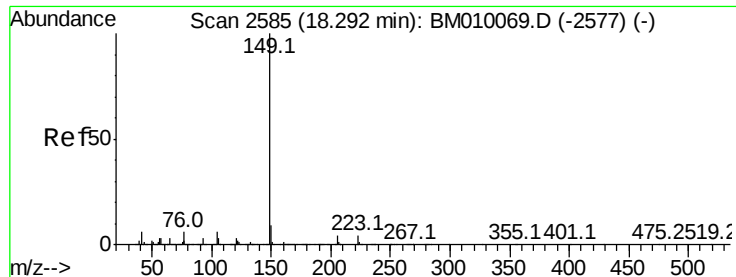


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 251.15 ng

RT: 18.27 min Scan# 2582

Delta R.T. -0.02 min

Lab File: BM010092.D

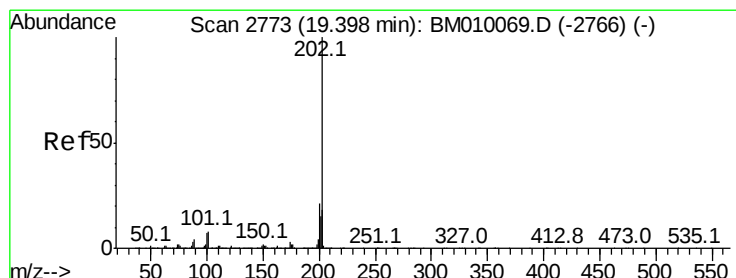
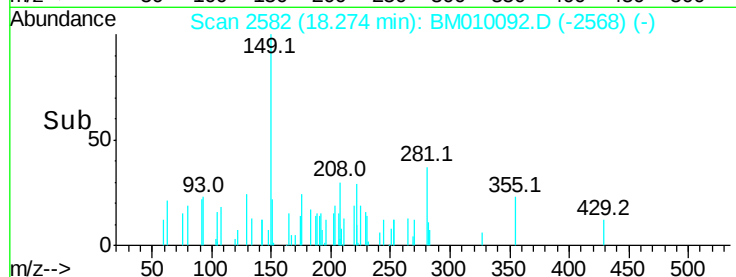
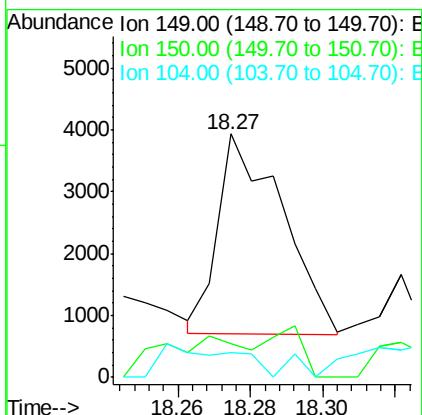
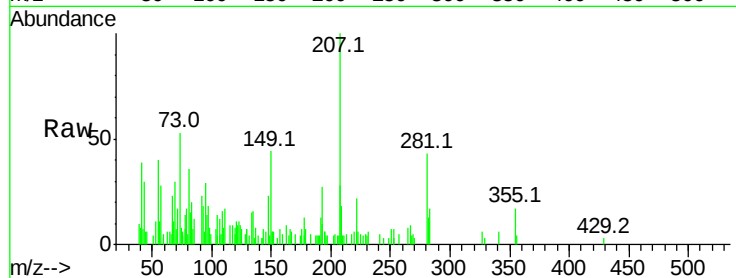
Acq: 20 May 2017 05:01

Instrument :

BNA_M

ClientSampleId :

Tot Ion:149	Resp:	4011
Ion Ratio	Lower	Upper
149	100	
150	14.1	7.5 11.3#
104	10.2	3.7 5.5#



#74

Fluoranthene

Concen: 1060.30 ng

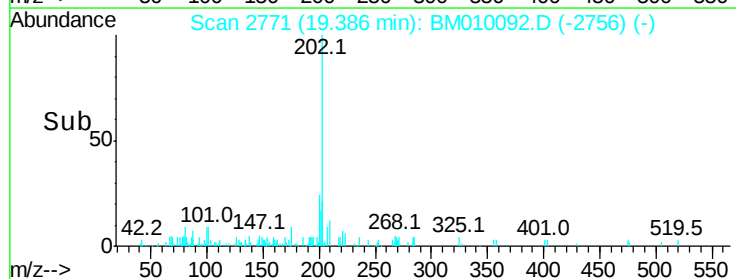
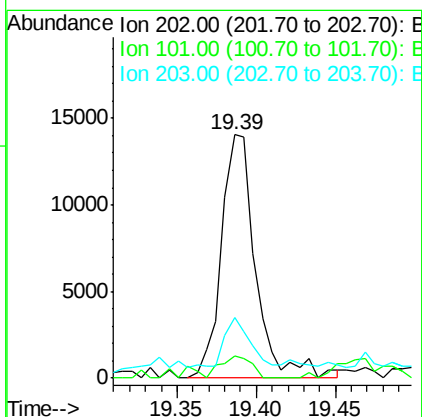
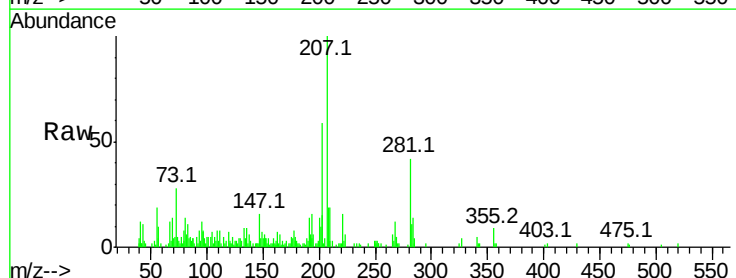
RT: 19.39 min Scan# 2771

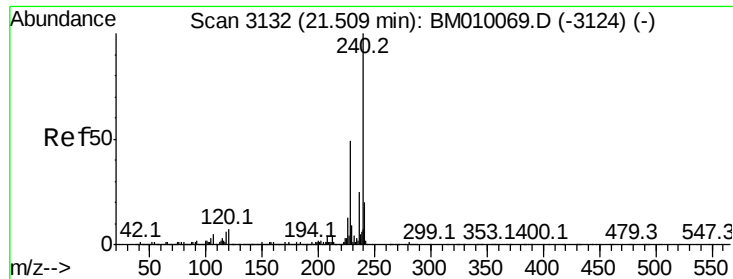
Delta R.T. -0.01 min

Lab File: BM010092.D

Acq: 20 May 2017 05:01

Tgt Ion:202	Resp:	21105
Ion Ratio	Lower	Upper
202	100	
101	8.9	0.0 28.7
203	25.1	0.0 37.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.50 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BM010092.D

Acq: 20 May 2017 05:01

Instrument :

BNA_M

ClientSampleId :

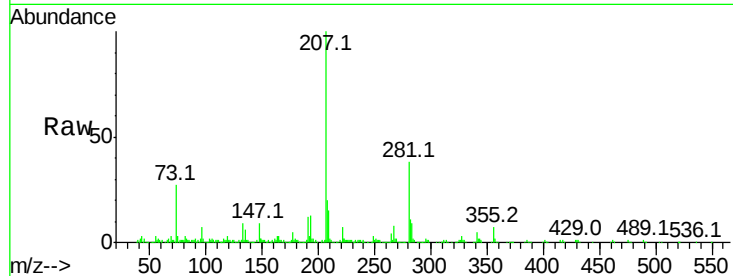
Tot Ion:240 Resp: 1414

Ion Ratio Lower Upper

240 100

120 107.9 8.2 12.2#

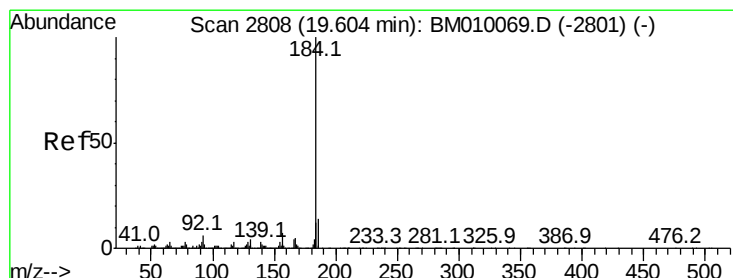
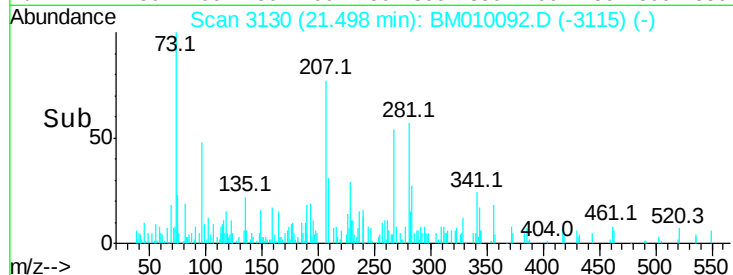
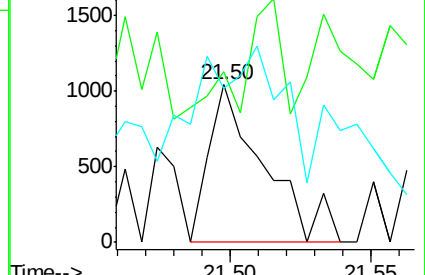
236 97.8 20.0 30.0#



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 5.94 ng

RT: 19.59 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BM010092.D

Acq: 20 May 2017 05:01

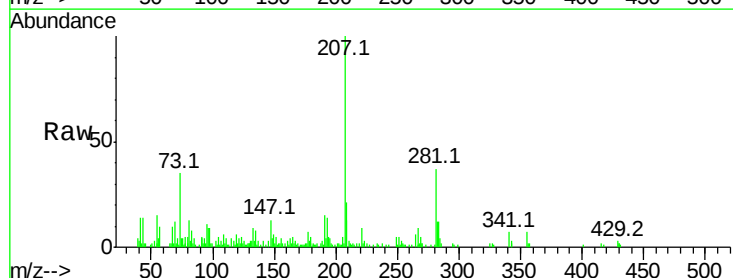
Tgt Ion:184 Resp: 155

Ion Ratio Lower Upper

184 100

185 148.9 11.3 16.9#

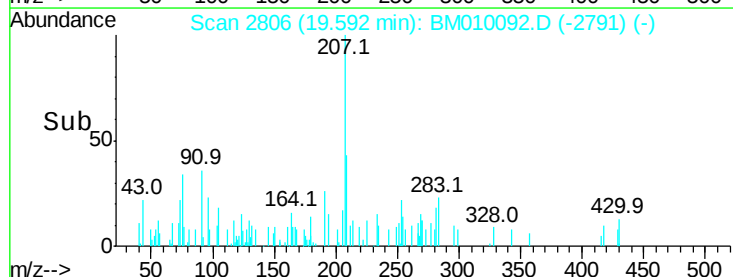
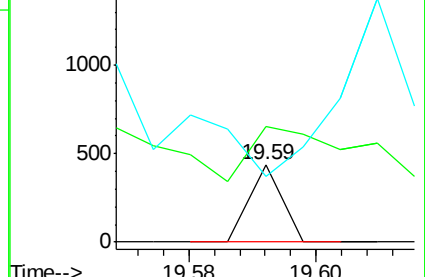
183 85.4 8.9 13.3#

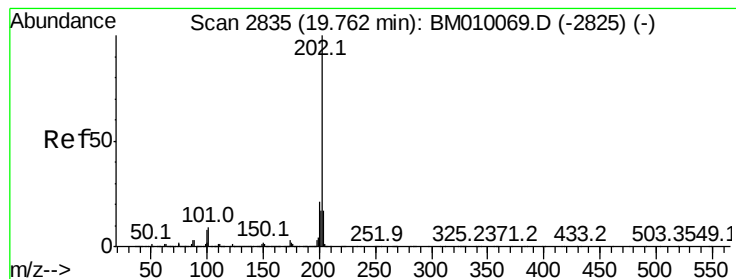


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 266.46 ng

RT: 19.75 min Scan# 2833

Delta R.T. -0.01 min

Lab File: BM010092.D

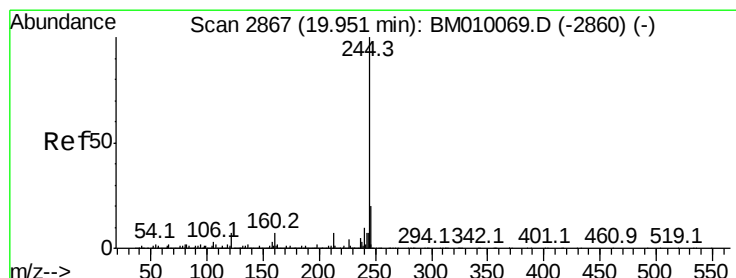
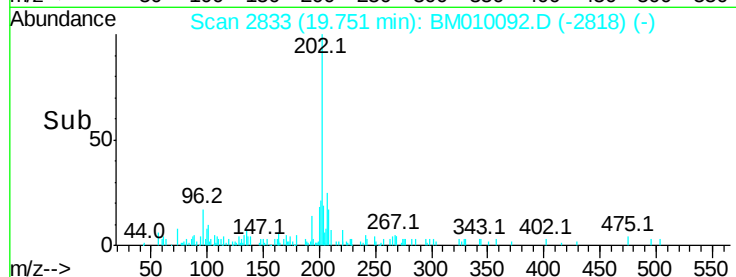
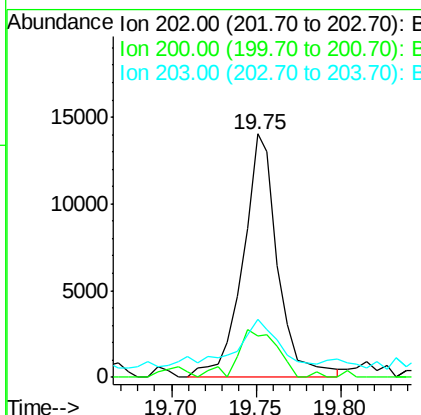
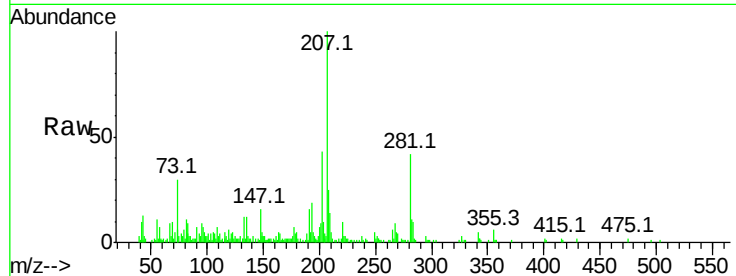
Acq: 20 May 2017 05:01

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	202	Resp:	20200
Ion Ratio	Lower	Upper	
202	100		
200	16.8	16.9	25.3#
203	23.8	14.1	21.1#



#78

Terphenyl-d14

Concen: 81715.57 ng

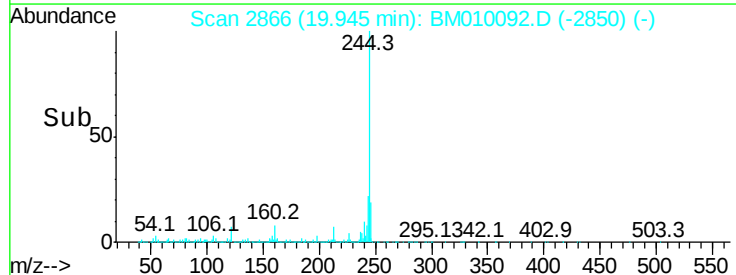
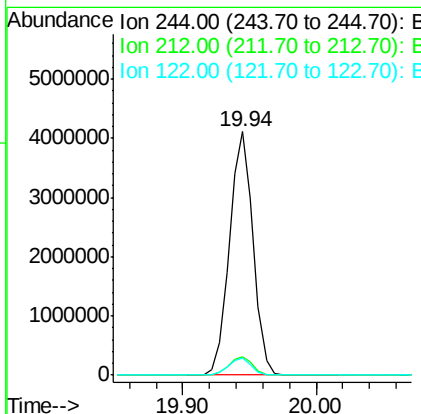
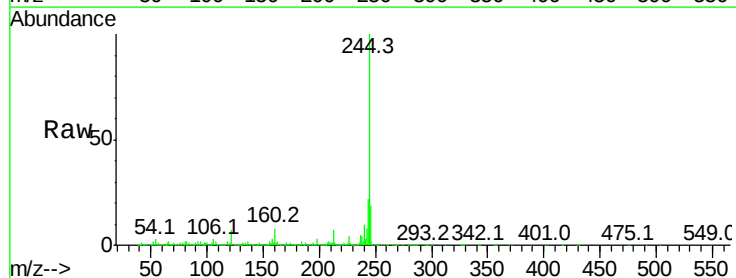
RT: 19.94 min Scan# 2866

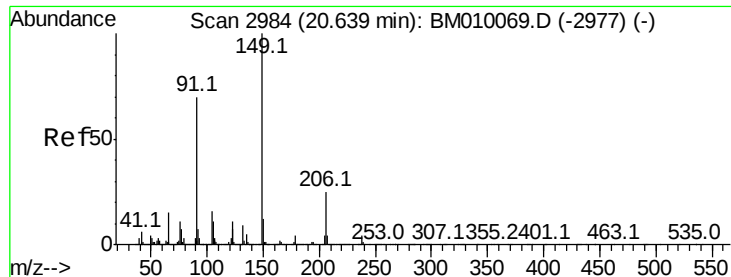
Delta R.T. -0.01 min

Lab File: BM010092.D

Acq: 20 May 2017 05:01

Tgt Ion:	244	Resp:	5081606
Ion Ratio	Lower	Upper	
244	100		
212	7.3	4.9	7.3
122	6.9	6.2	9.4

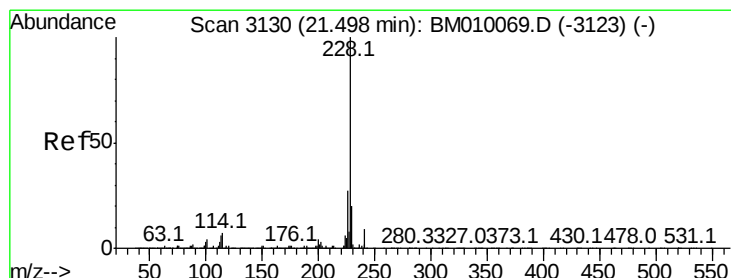
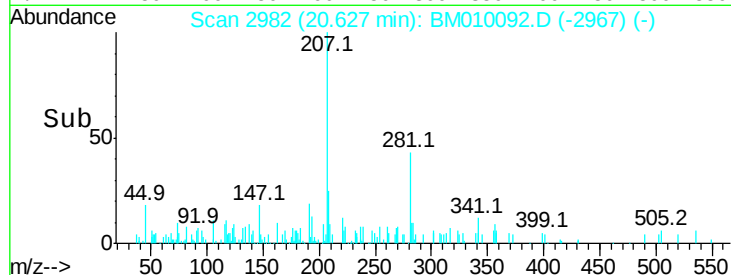
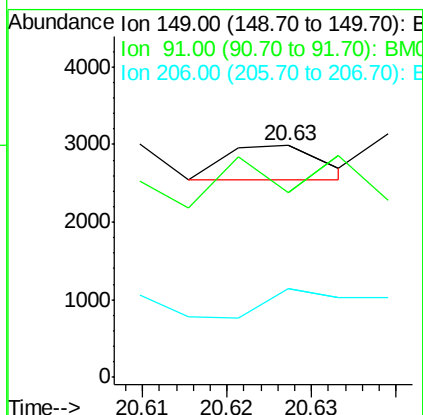
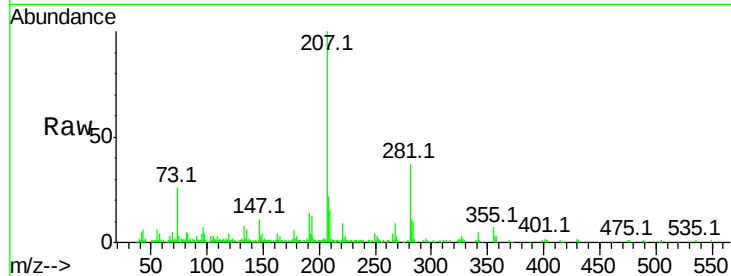




#79
Butylbenzylphthalate
Concen: 12.22 ng
RT: 20.63 min Scan# 2982
Delta R.T. -0.01 min
Lab File: BM010092.D
Acq: 20 May 2017 05:01

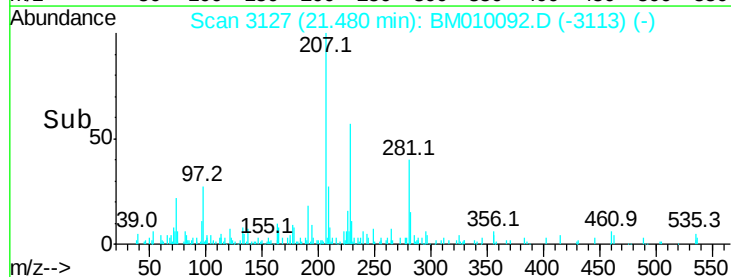
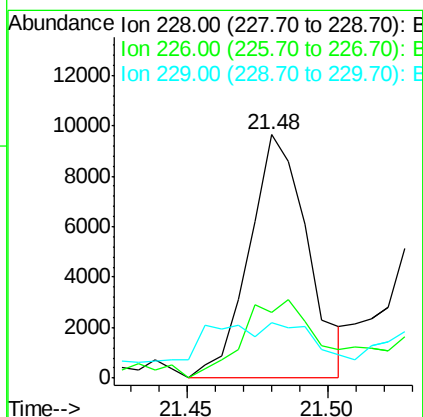
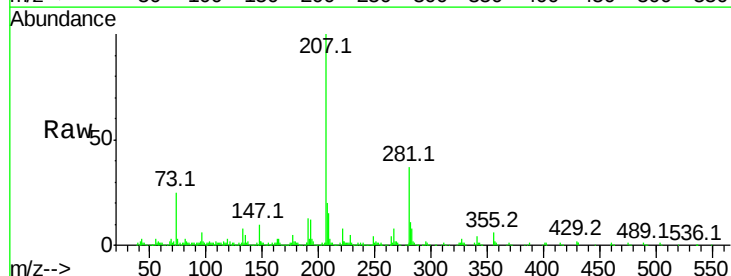
Instrument :
BNA_M
ClientSampleId :

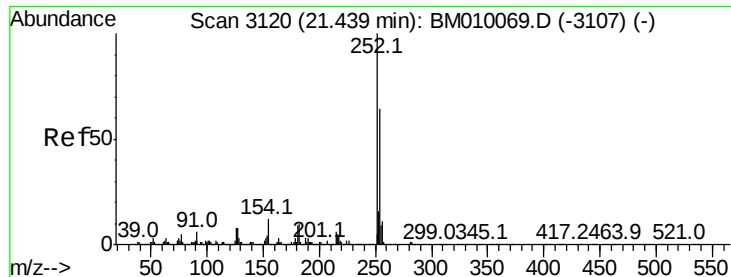
Tot Ion	Ratio	Lower	Upper
149	100		
91	79.7	50.1	75.1#
206	38.3	16.2	24.2#



#80
Benzo(a)anthracene
Concen: 178.52 ng
RT: 21.48 min Scan# 3127
Delta R.T. -0.02 min
Lab File: BM010092.D
Acq: 20 May 2017 05:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.7	32.5
229	22.5	16.0	24.0

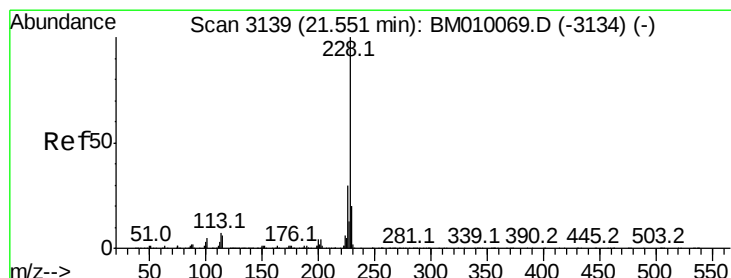
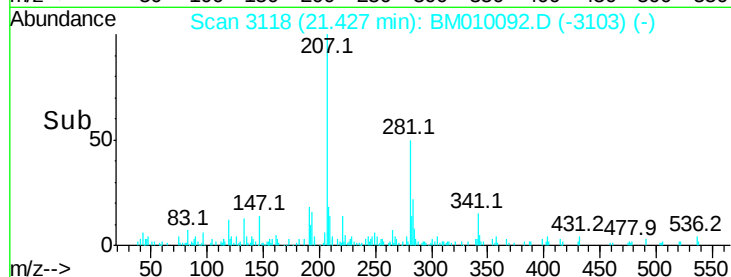
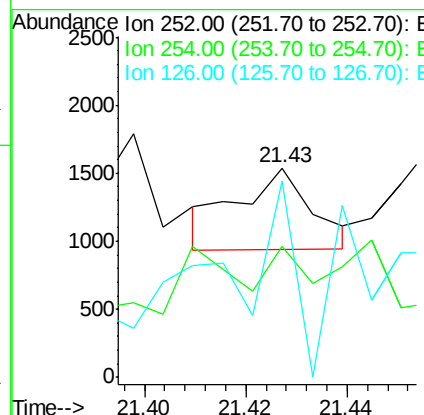
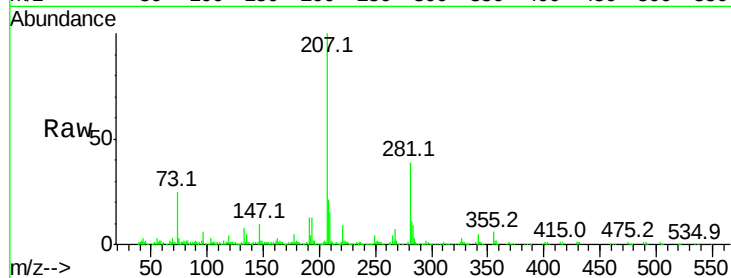




#81
 3,3'-Dichlorobenzidine
 Concen: 19.33 ng
 RT: 21.43 min Scan# 3118
 Delta R.T. -0.01 min
 Lab File: BM010092.D
 Acq: 20 May 2017 05:01

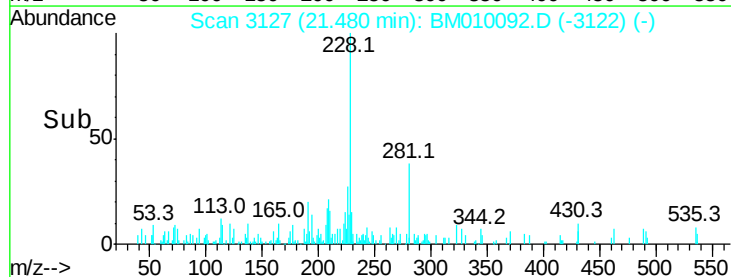
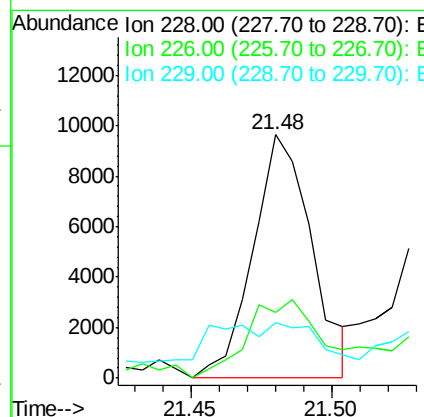
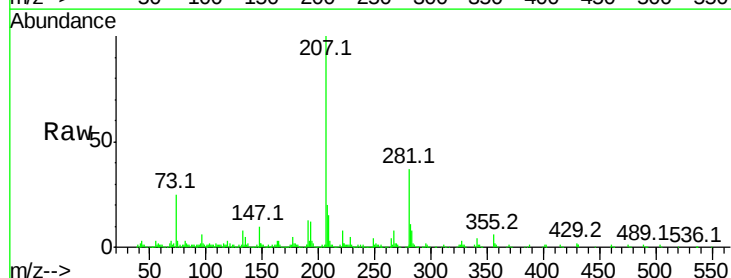
Instrument :
 BNA_M
 ClientSampleId :

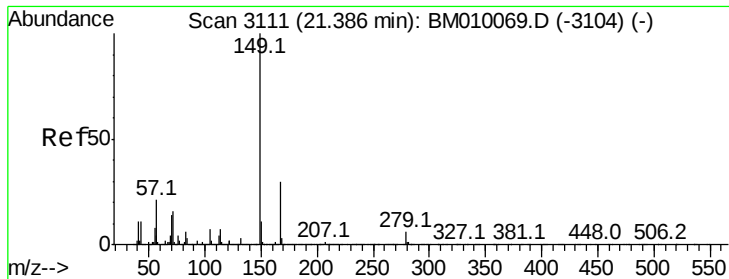
Tot Ion:252 Resp: 606
 Ion Ratio Lower Upper
 252 100
 254 62.5 51.9 77.9
 126 93.7 9.8 14.8#



#82
 Chrysene
 Concen: 188.23 ng
 RT: 21.48 min Scan# 3127
 Delta R.T. -0.07 min
 Lab File: BM010092.D
 Acq: 20 May 2017 05:01

Tgt Ion:228 Resp: 13912
 Ion Ratio Lower Upper
 228 100
 226 27.1 24.1 36.1
 229 22.5 15.5 23.3

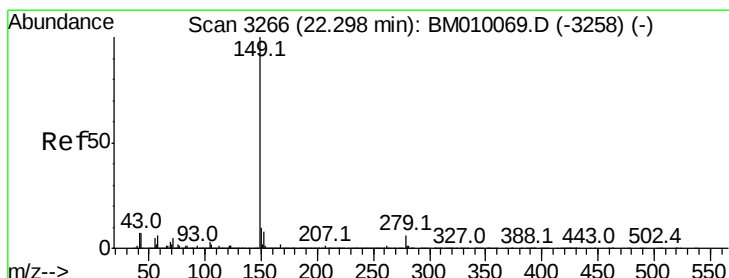
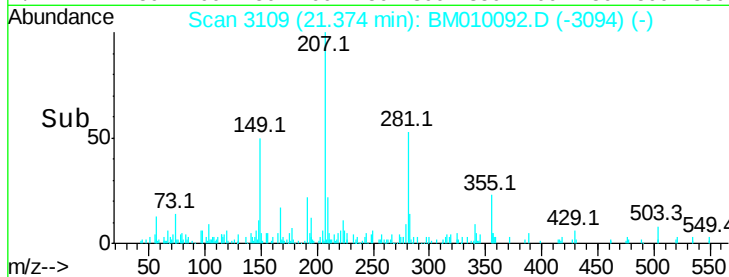
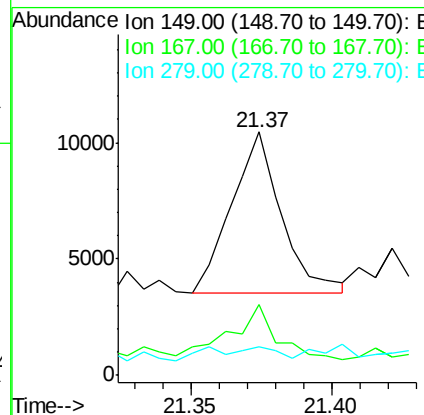
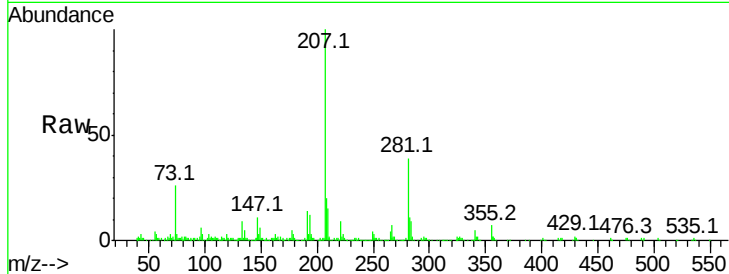




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 203.06 ng
 RT: 21.37 min Scan# 3109
 Delta R.T. -0.01 min
 Lab File: BM010092.D
 Acq: 20 May 2017 05:01

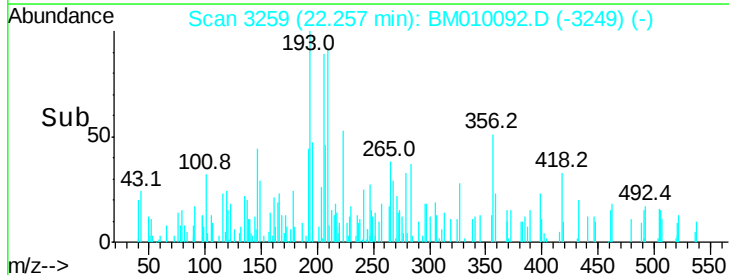
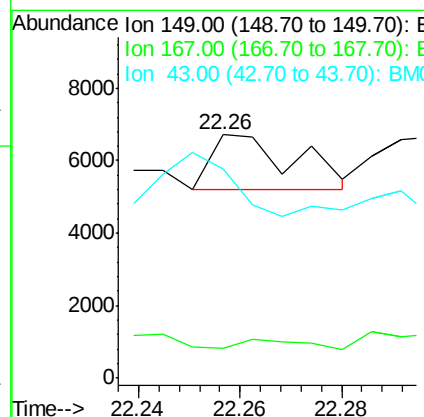
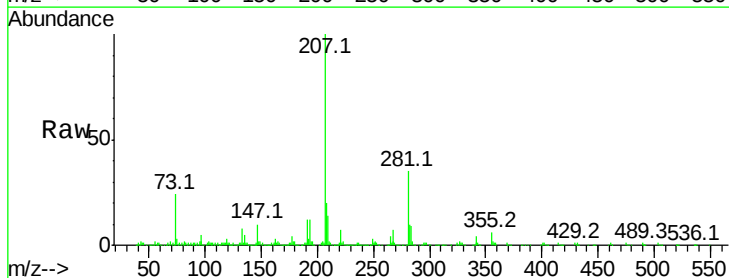
Instrument :
 BNA_M
 ClientSampleId :

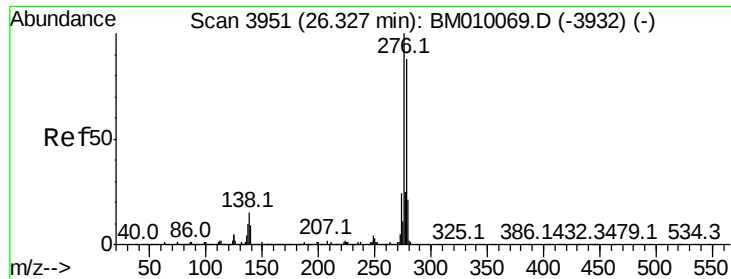
Tot Ion:149 Resp: 8522
 Ion Ratio Lower Upper
 149 100
 167 29.2 22.4 33.6
 279 11.8 3.4 5.0#



#84
 Di-n-octyl phthalate
 Concen: 23.04 ng
 RT: 22.26 min Scan# 3259
 Delta R.T. -0.04 min
 Lab File: BM010092.D
 Acq: 20 May 2017 05:01

Tgt Ion:149 Resp: 1731
 Ion Ratio Lower Upper
 149 100
 167 20.2 1.2 1.8#
 43 93.7 7.3 10.9#

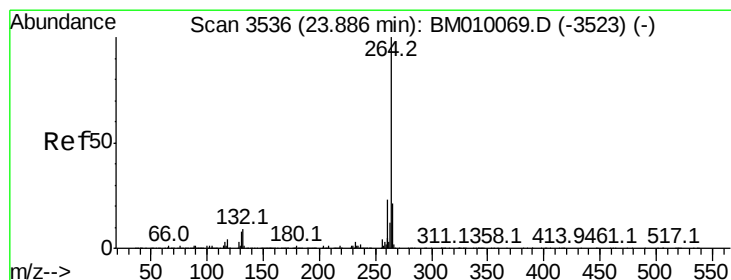
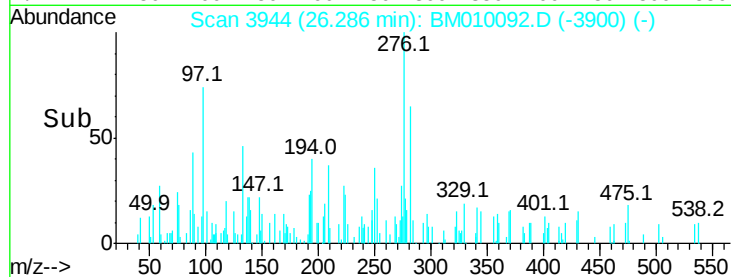
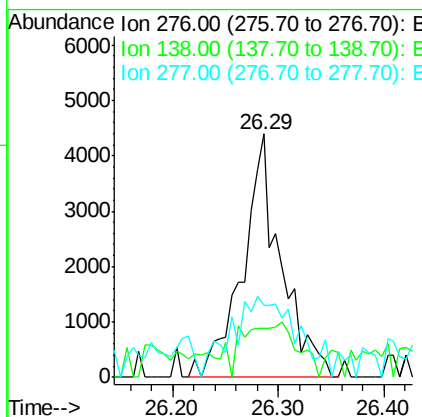
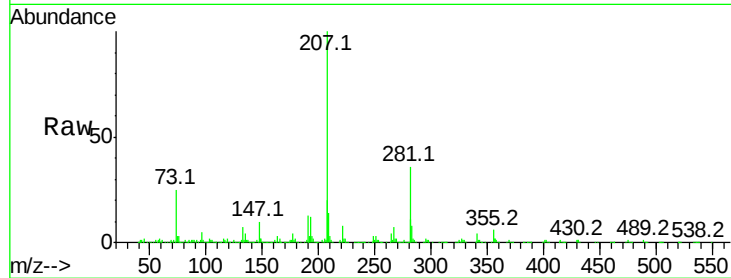




#85
Indeno(1,2,3-cd)pyrene
Concen: 102.01 ng
RT: 26.29 min Scan# 3944
Delta R.T. -0.04 min
Lab File: BM010092.D
Acq: 20 May 2017 05:01

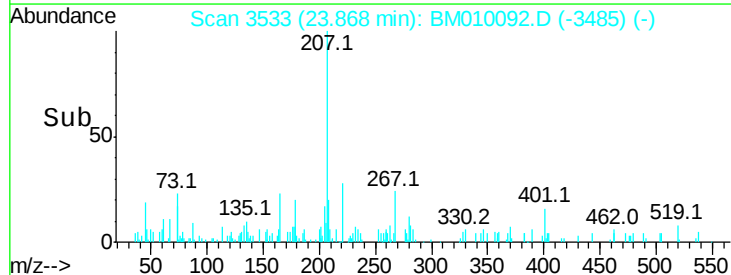
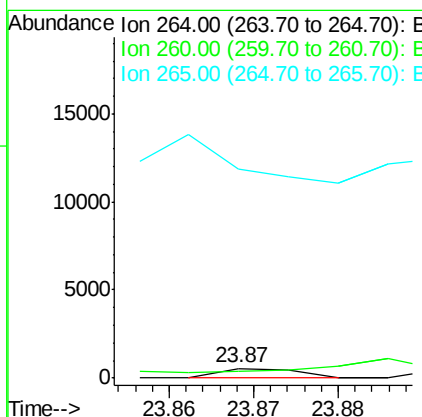
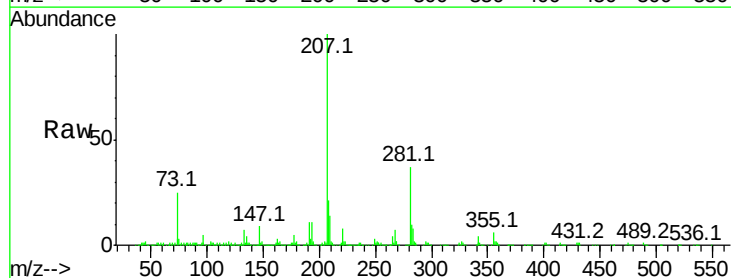
Instrument :
BNA_M
ClientSampled :

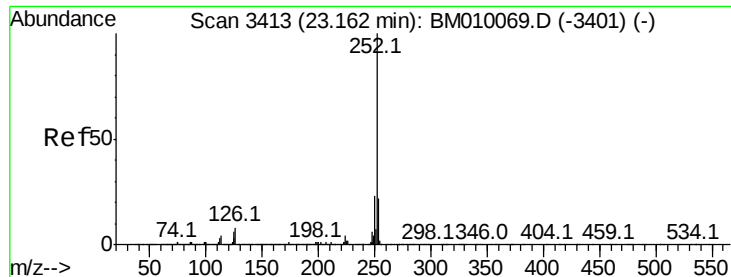
Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	0.0	0.0
277	54.0	0.0	0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.87 min Scan# 3533
Delta R.T. -0.02 min
Lab File: BM010092.D
Acq: 20 May 2017 05:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	67.2	18.6	27.8#
265	2109.4	17.3	25.9#





#87

Benzo(b)fluoranthene

Concen: 833.89 ng

RT: 23.15 min Scan# 3411

Delta R.T. -0.01 min

Lab File: BM010092.D

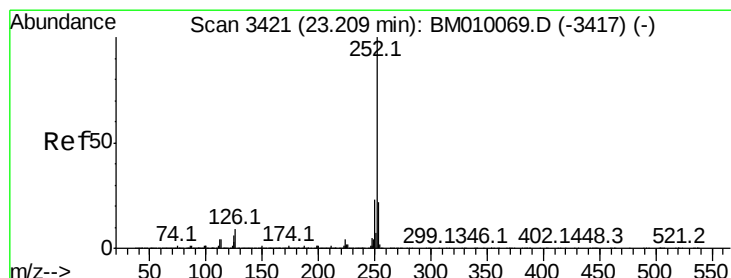
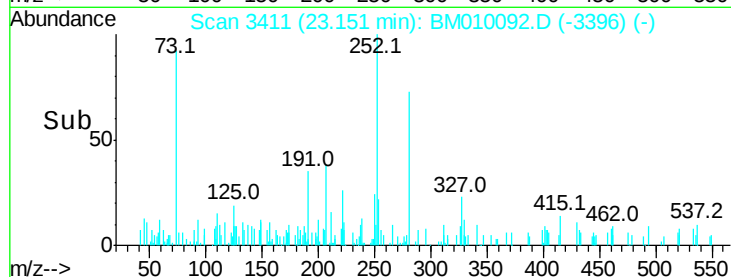
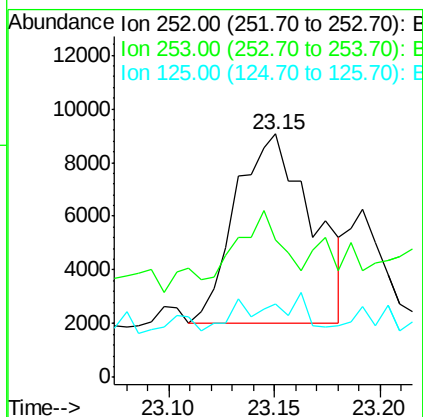
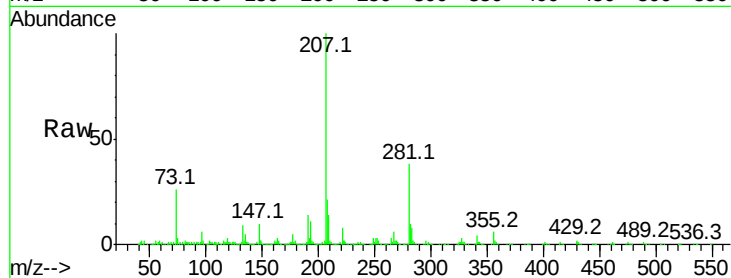
Acq: 20 May 2017 05:01

Instrument :

BNA_M

ClientSampleId :

Tot Ion:252	Resp:	17618
Ion Ratio	Lower	Upper
252	100	
253	56.3	18.0 27.0#
125	29.9	9.9 14.9#



#88

Benzo(k)fluoranthene

Concen: 60.20 ng

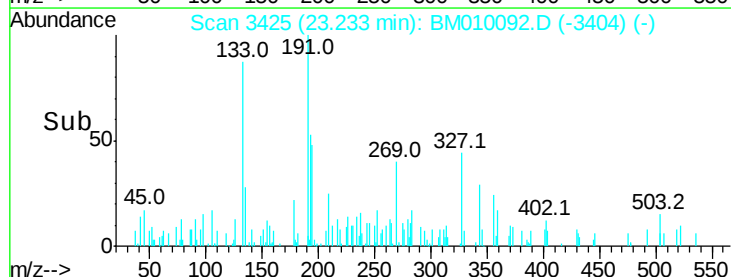
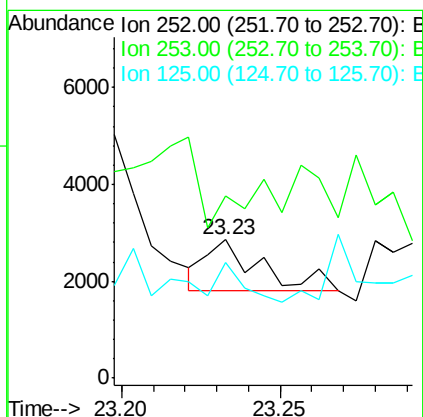
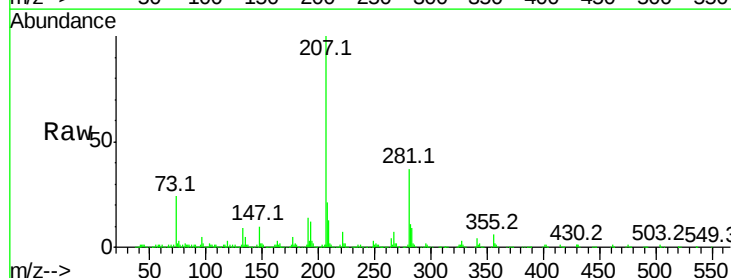
RT: 23.23 min Scan# 3425

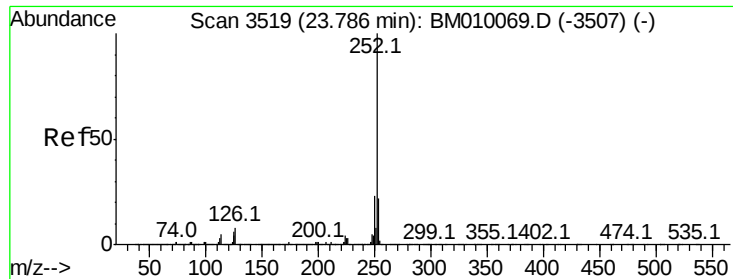
Delta R.T. 0.02 min

Lab File: BM010092.D

Acq: 20 May 2017 05:01

Tgt Ion:252	Resp:	1246
Ion Ratio	Lower	Upper
252	100	
253	131.8	17.2 25.8#
125	83.7	8.1 12.1#





#89

Benzo(a)pyrene

Concen: 742.58 ng

RT: 23.76 min Scan# 3515

Delta R.T. -0.02 min

Lab File: BM010092.D

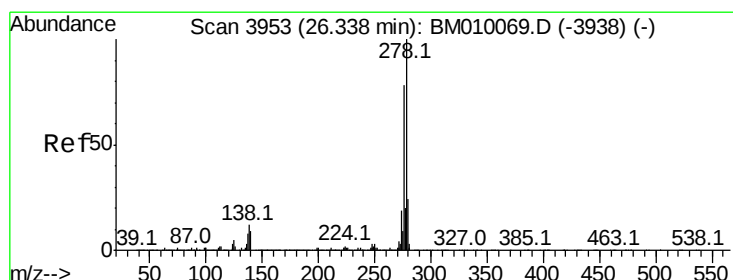
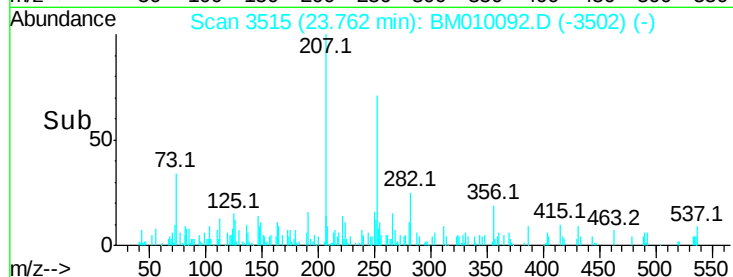
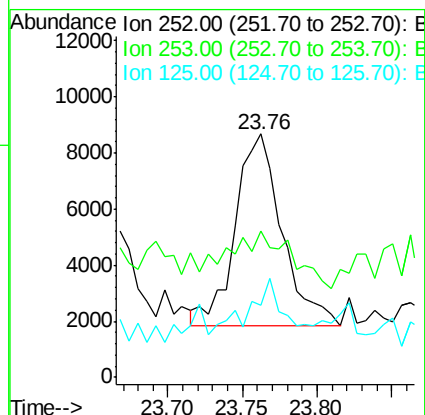
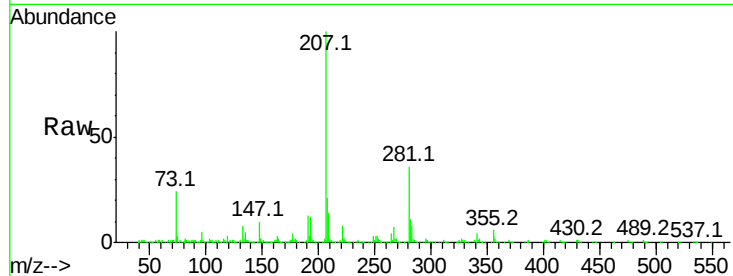
Acq: 20 May 2017 05:01

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	14950
Ion Ratio	Lower	Upper	
252	100		
253	60.1	17.6	26.4#
125	29.4	7.4	11.2#



#90

Dibenzo(a,h)anthracene

Concen: 33.89 ng

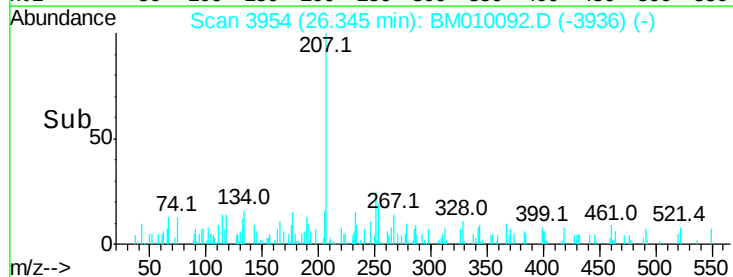
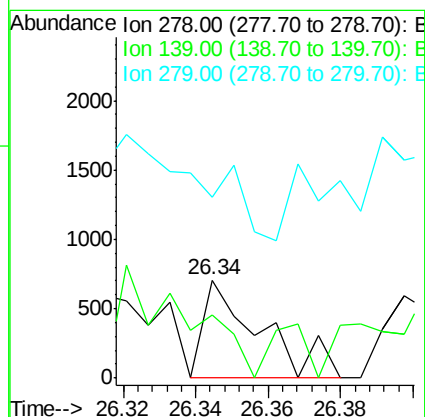
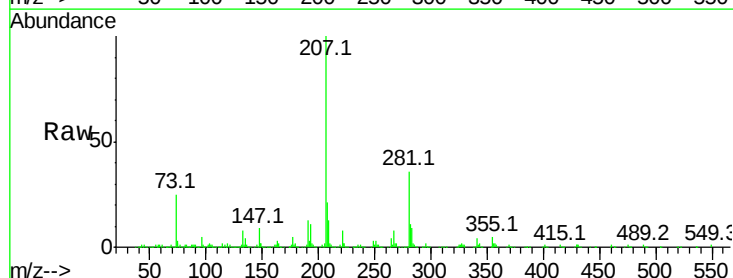
RT: 26.34 min Scan# 3954

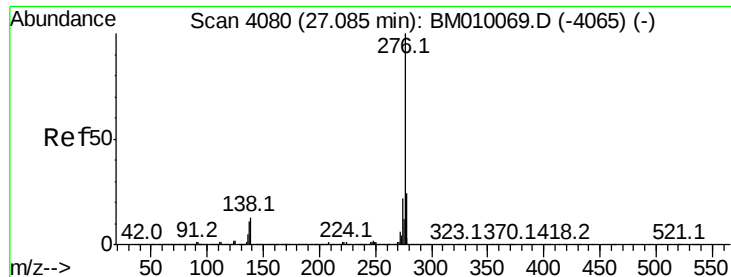
Delta R.T. 0.01 min

Lab File: BM010092.D

Acq: 20 May 2017 05:01

Tgt Ion:	278	Resp:	763
Ion Ratio	Lower	Upper	
278	100		
139	64.1	13.4	20.0#
279	184.6	19.0	28.4#





#91
 Benzo(a,h,i)perylene
 Concen: 169.73 ng
 RT: 27.03 min Scan# 4071
 Delta R.T. -0.05 min
 Lab File: BM010092.D
 Acq: 20 May 2017 05:01

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.7	18.5	27.7
138	21.6	19.0	28.6

