

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052617\
 Data File : BM010253.D
 Acq On : 26 May 2017 12:47
 Operator : SJ/MA
 Sample : I3332-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 26 23:29:08 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	7.94	152	105354	20.00	ng	-0.04
21) Naphthalene-d8	10.75	136	348231	20.00	ng	-0.04
38) Acenaphthene-d10	14.57	164	226073	20.00	ng	-0.04
63) Phenanthrene-d10	17.32	188	597543	20.00	ng	-0.04
75) Chrysene-d12	21.48	240	948215	20.00	ng	-0.03
86) Perylene-d12	23.83	264	1044595	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	681580	116.83	ng	-0.03
7) Phenol-d6	7.13	99	822779	109.60	ng	-0.04
23) Nitrobenzene-d5	9.13	82	571240	88.50	ng	-0.04
41) 2,4,6-Tribromophenol	16.06	330	422768	123.13	ng	-0.04
44) 2-Fluorobiphenyl	13.19	172	1336213	75.98	ng	-0.04
78) Terphenyl-d14	19.92	244	2547441	61.09	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	125	0.05	ng	# 100
4) n-Nitrosodimethylamine	3.78	42	240	0.09	ng	# 1
9) Benzaldehyde	7.13	77	2554	0.55	ng	# 2
10) Phenol	7.16	94	14434	1.82	ng	# 89
15) Benzyl Alcohol	8.26	79	12965	2.28	ng	# 44
24) Nitrobenzene	9.18	77	116	0.02	ng	# 42
25) Isophorone	9.70	82	129	0.01	ng	# 62
31) Naphthalene	10.81	128	123	0.01	ng	# 69
43) 2,4,5-Trichlorophenol	13.13	196	133	0.02	ng	# 17
45) 1,1'-Biphenyl	13.40	154	1585	0.09	ng	# 65
49) Dimethylphthalate	14.03	163	415838	20.62	ng	# 99
51) Acenaphthene	14.57	154	1008	0.07	ng	# 5
57) Fluorene	15.62	166	192	0.01	ng	# 62
59) Diethylphthalate	15.38	149	1023	0.05	ng	# 62
62) Azobenzene	15.91	77	126	0.01	ng	# 50
70) Phenanthrene	17.36	178	1964	0.06	ng	# 68
71) Anthracene	17.44	178	746	0.02	ng	# 61
73) Di-n-butylphthalate	18.26	149	2766	0.08	ng	# 74
74) Fluoranthene	19.37	202	4437	0.10	ng	# 87
77) Pvrene	19.73	202	4021	0.08	ng	# 95
79) Butylbenzylphthalate	20.61	149	693	0.04	ng	# 58
80) Benzo(a)anthracene	21.47	228	6452	0.12	ng	# 94
81) 3,3'-Dichlorobenzidine	21.42	252	505	0.02	ng	# 78
82) Chrysene	21.52	228	5114	0.10	ng	# 78
83) Bis(2-ethylhexyl)phthalate	21.35	149	1130	0.04	ng	# 62
84) Di-n-octyl phthalate	22.26	149	724	0.01	ng	# 1
85) Indeno(1,2,3-cd)pyrene	26.31	276	137	0.00	ng	# 100
87) Benzo(b)fluoranthene	23.11	252	7279	0.12	ng	# 77
88) Benzo(k)fluoranthene	23.17	252	4407	0.07	ng	# 1
89) Benzo(a)pyrene	23.73	252	5404	0.09	ng	# 27
90) Dibenzo(a,h)anthracene	26.27	278	1670	0.03	ng	# 31
91) Benzo(a,h,i)perylene	27.04	276	325	0.01	ng	# 52

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Response via : Initial Calibration

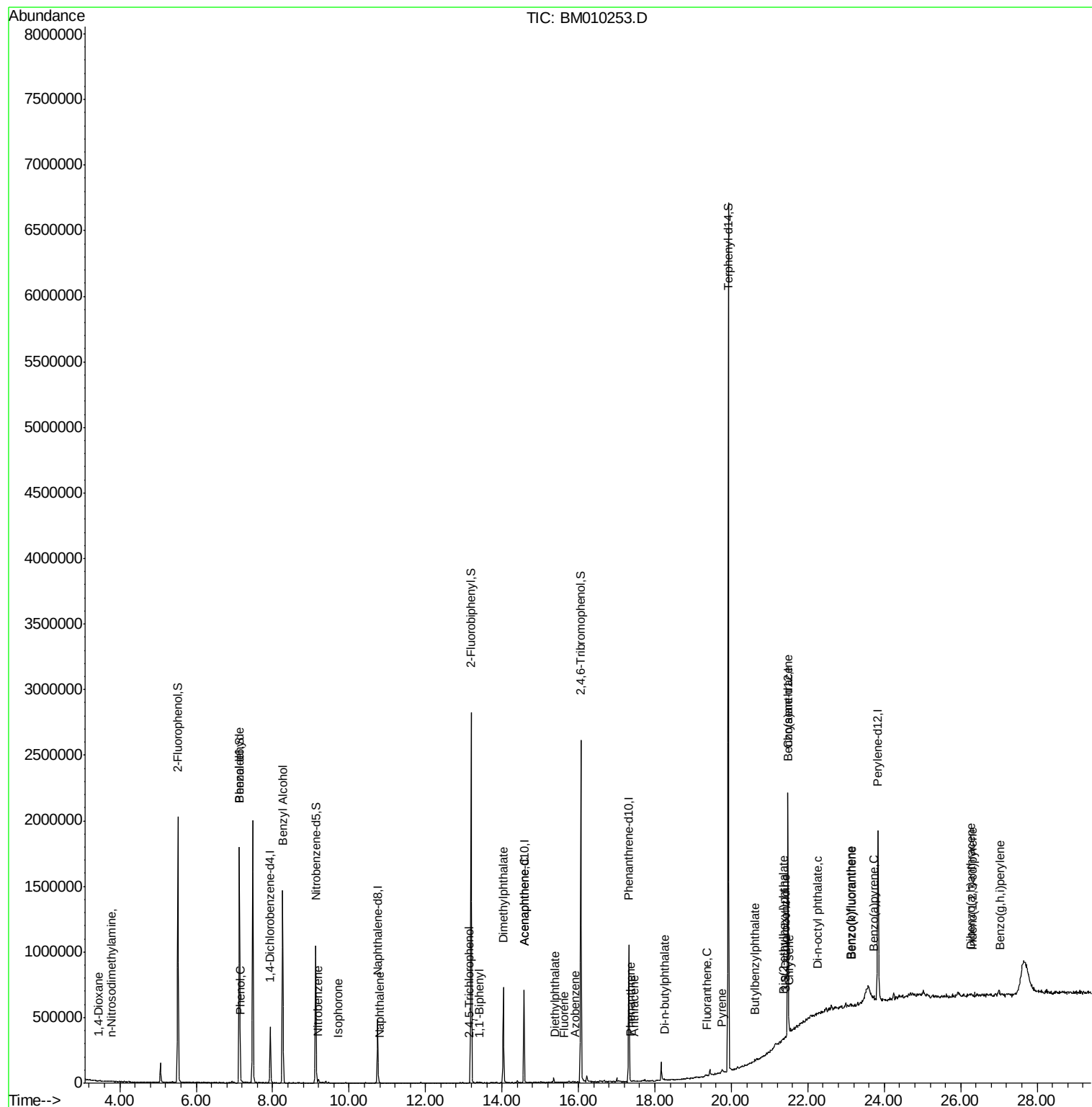
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

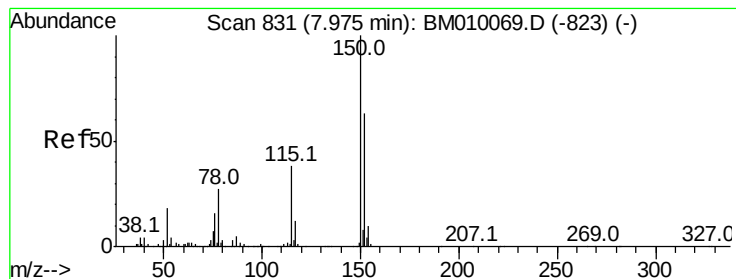
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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Instrument :
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ClientSampled :

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.94 min Scan# 825

Delta R.T. -0.04 min

Lab File: BM010253.D

Acq: 26 May 2017 12:47

Instrument :

BNA_M

ClientSampleId :

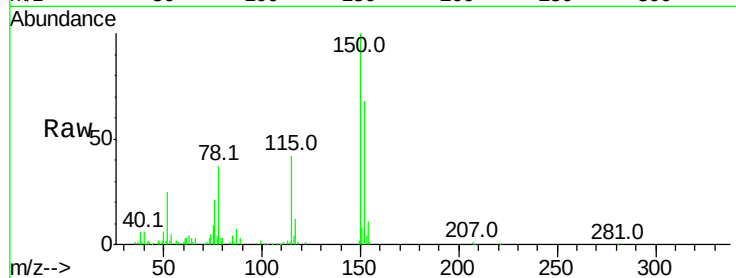
Tot Ion:152 Resp: 105354

Ion Ratio Lower Upper

152 100

150 146.7 119.5 179.3

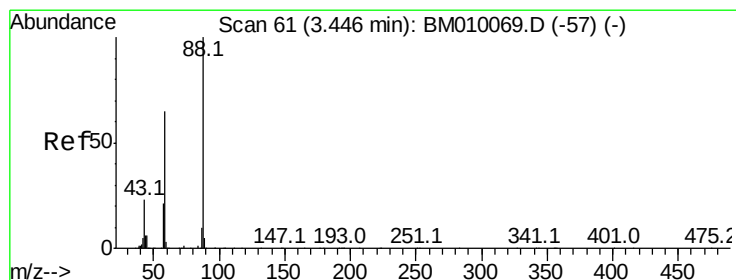
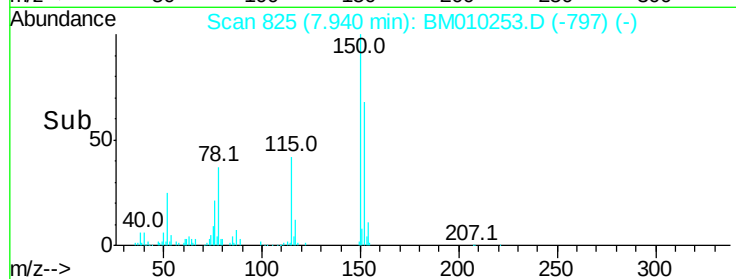
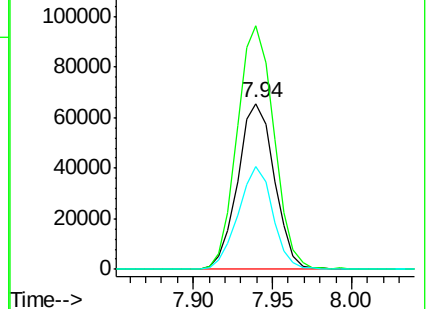
115 61.6 43.0 64.4



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: 0.05 ng

RT: 3.45 min Scan# 62

Delta R.T. 0.01 min

Lab File: BM010253.D

Acq: 26 May 2017 12:47

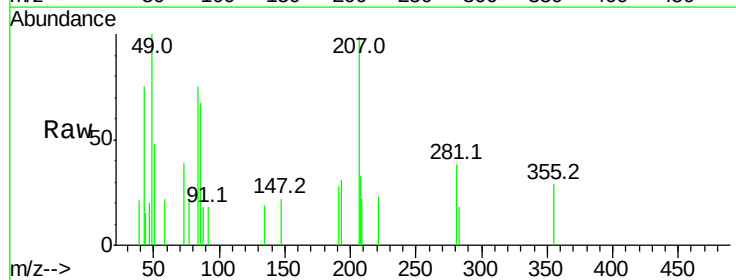
Tgt Ion: 88 Resp: 125

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

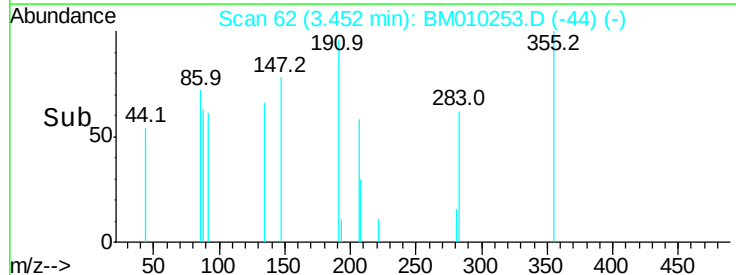
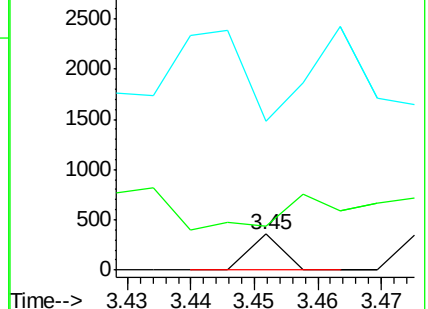
43 496.8 0.0 0.0#

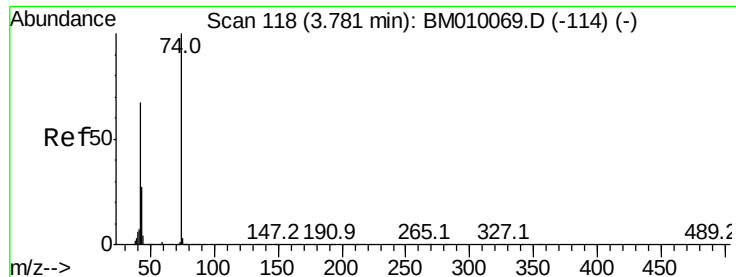


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0



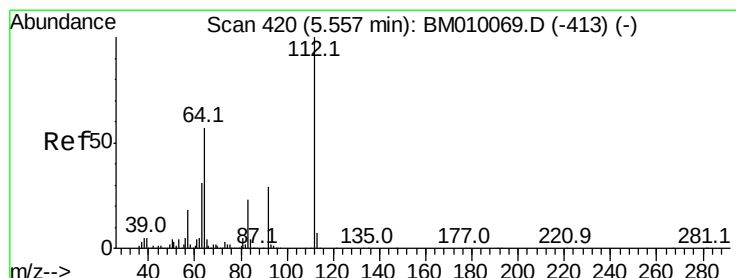
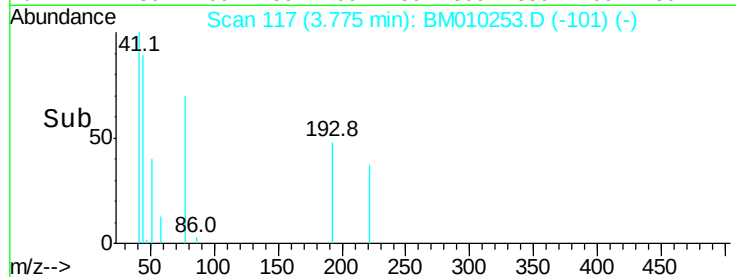
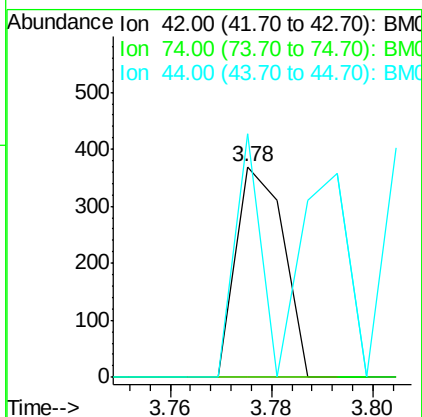
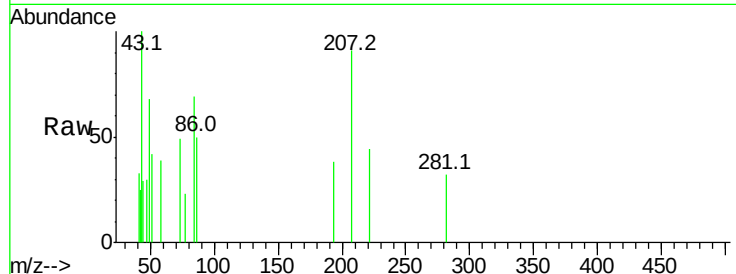


#4

n-Nitrosodimethylamine
Concen: 0.09 ng
RT: 3.78 min Scan# 117
Delta R.T. -0.01 min
Lab File: BM010253.D
Acq: 26 May 2017 12:47

Instrument :
BNA_M
ClientSampled :

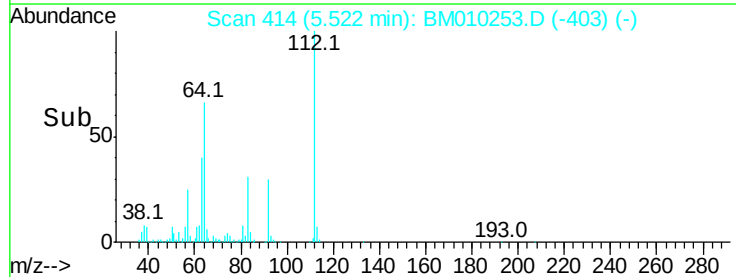
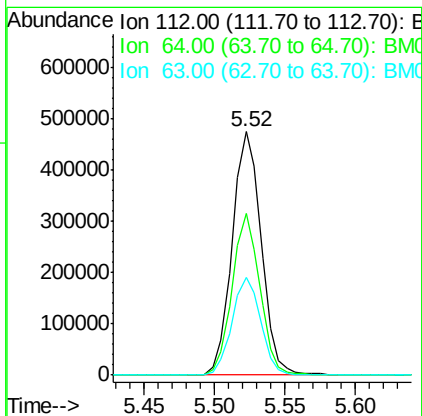
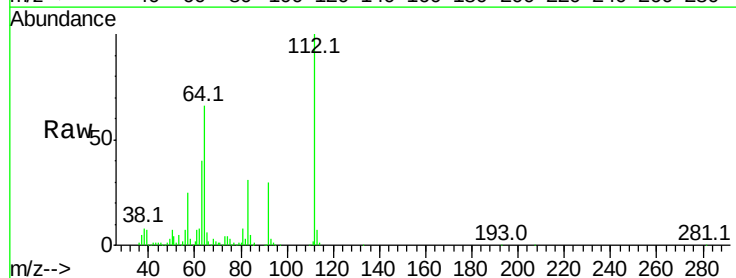
Tot Ion: 42 Resp: 240
Ion Ratio Lower Upper
42 100
74 0.0 119.3 178.9#
44 115.4 5.4 8.2#

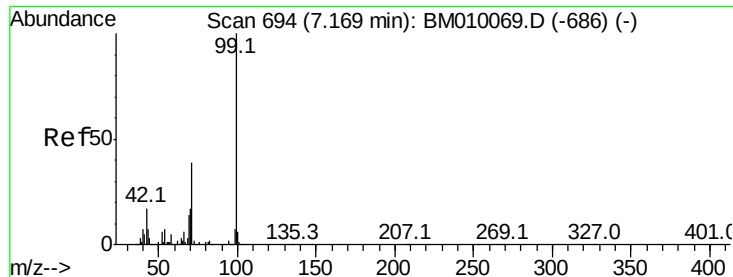


#5

2-Fluorophenol
Concen: 116.83 ng
RT: 5.52 min Scan# 414
Delta R.T. -0.03 min
Lab File: BM010253.D
Acq: 26 May 2017 12:47

Tgt Ion: 112 Resp: 681580
Ion Ratio Lower Upper
112 100
64 66.4 38.6 57.8#
63 40.2 19.3 28.9#





#7

Phenol-d6

Concen: 109.60 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.04 min

Lab File: BM010253.D

Acq: 26 May 2017 12:47

Instrument :

BNA_M

ClientSampleId :

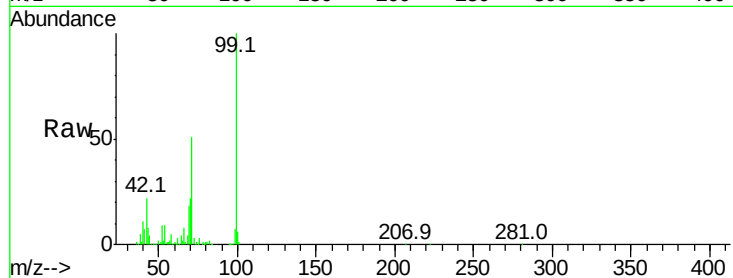
Tot Ion: 99 Resp: 822779

Ion Ratio Lower Upper

99 100

42 21.7 11.0 16.4#

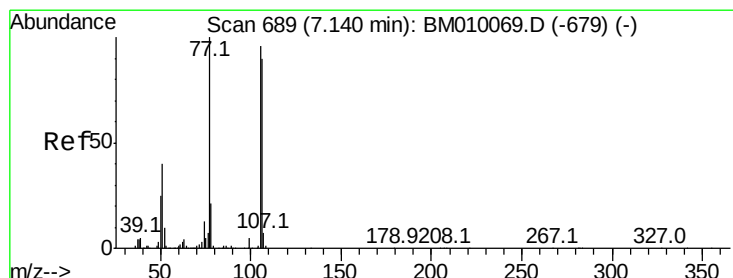
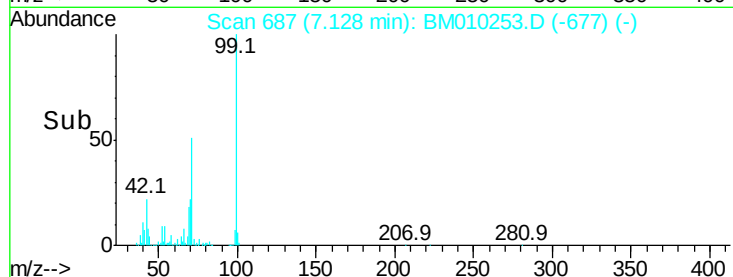
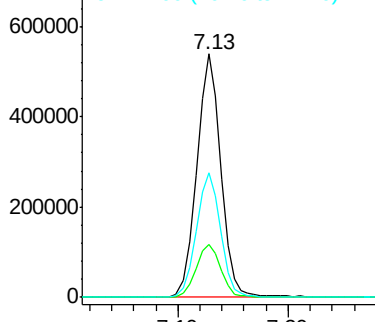
71 51.4 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010069.D (-686) (-)

Ion 42.00 (41.70 to 42.70): BM010069.D (-686) (-)

Ion 71.00 (70.70 to 71.70): BM010069.D (-686) (-)



#9

Benzaldehyde

Concen: 0.55 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.01 min

Lab File: BM010253.D

Acq: 26 May 2017 12:47

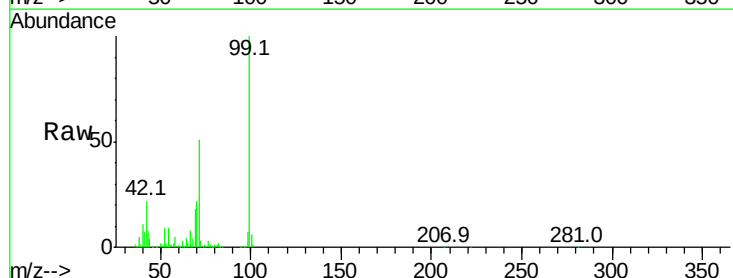
Tgt Ion: 77 Resp: 2554

Ion Ratio Lower Upper

77 100

105 0.0 78.8 118.8#

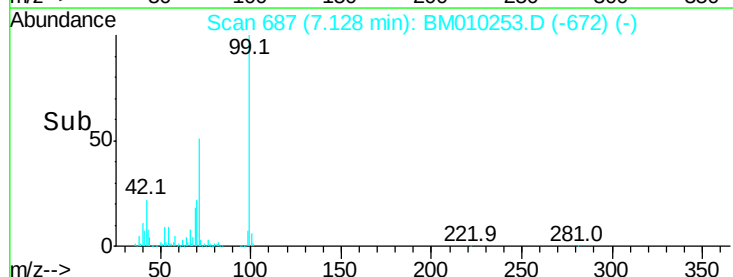
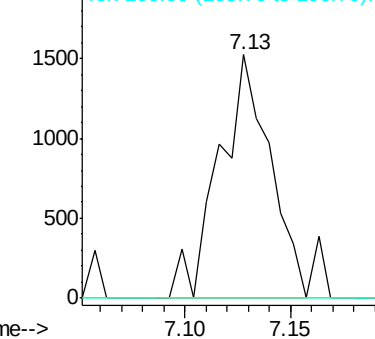
106 0.0 73.7 113.7#

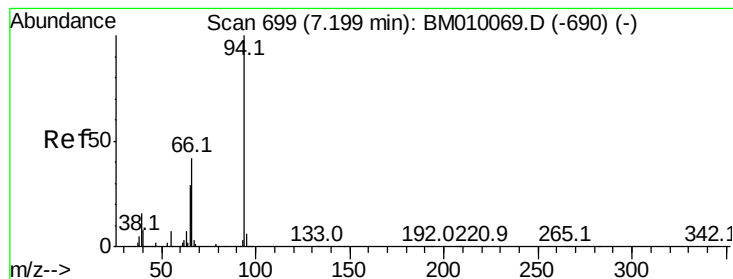


Abundance Ion 77.00 (76.70 to 77.70): BM010069.D (-679) (-)

Ion 105.00 (104.70 to 105.70): BM010069.D (-679) (-)

Ion 106.00 (105.70 to 106.70): BM010069.D (-679) (-)





#10

Phenol

Concen: 1.82 ng

RT: 7.16 min Scan# 692

Delta R.T. -0.04 min

Lab File: BM010253.D

Acq: 26 May 2017 12:47

Instrument :

BNA_M

ClientSampleId :

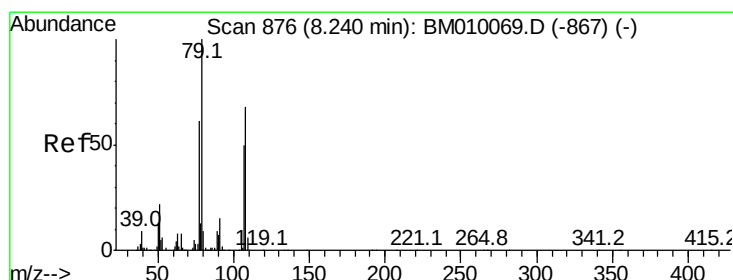
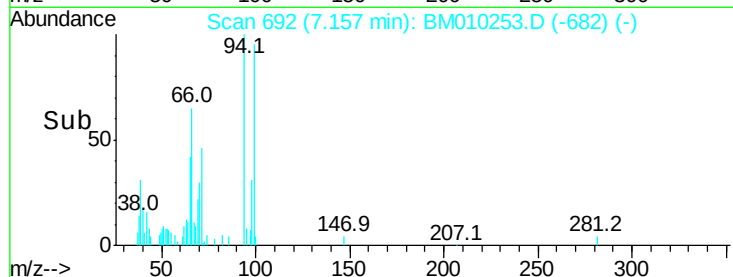
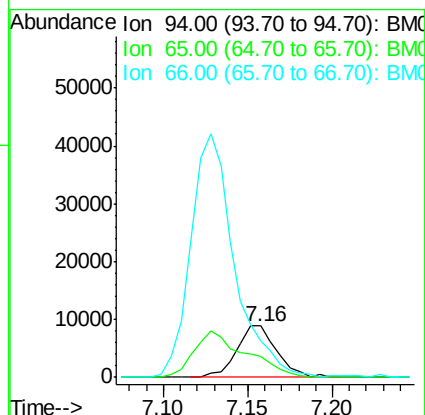
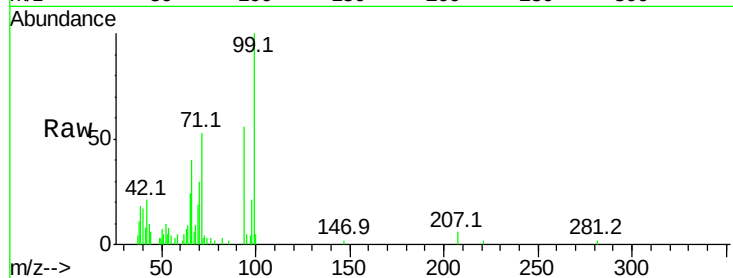
Tot Ion: 94 Resp: 14434

Ion Ratio Lower Upper

94 100

65 42.0 18.8 58.8

66 71.2 39.9 79.9



#15

Benzyl Alcohol

Concen: 2.28 ng

RT: 8.26 min Scan# 879

Delta R.T. 0.02 min

Lab File: BM010253.D

Acq: 26 May 2017 12:47

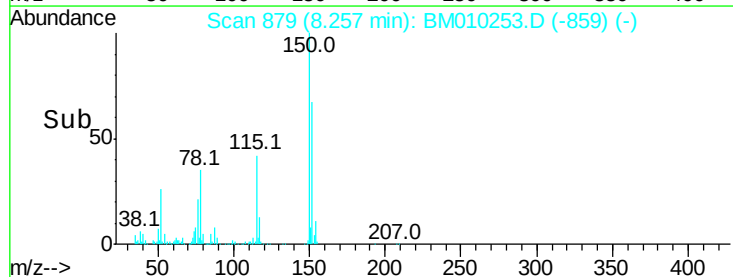
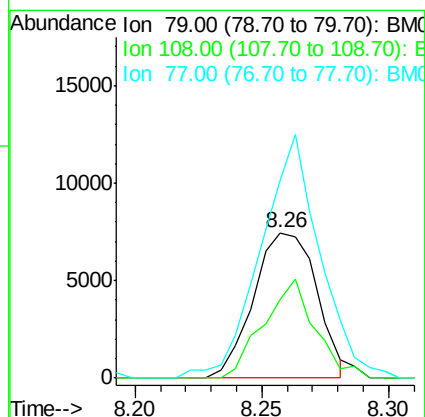
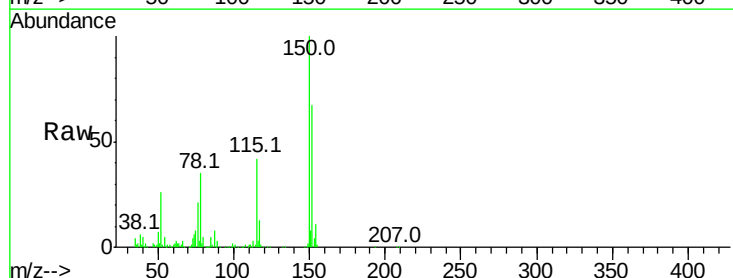
Tgt Ion: 79 Resp: 12965

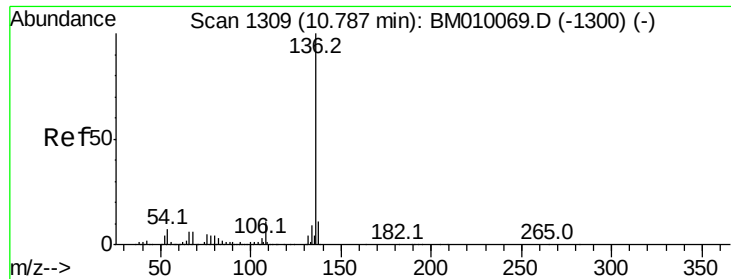
Ion Ratio Lower Upper

79 100

108 54.1 65.0 97.4#

77 136.2 53.0 79.6#

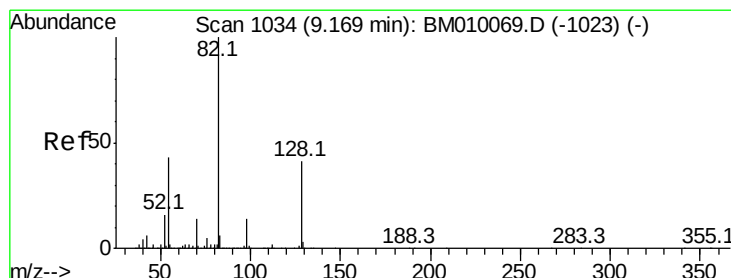
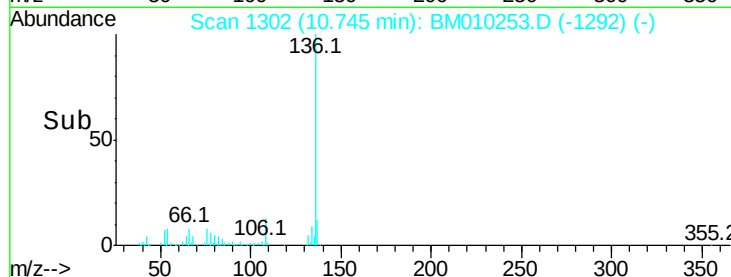
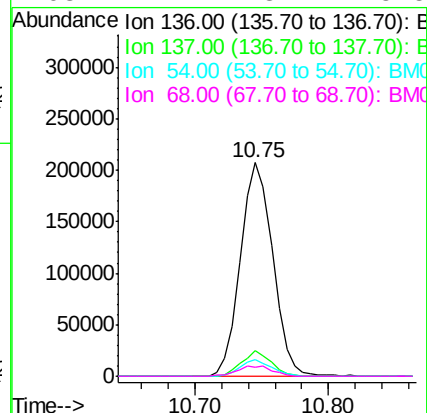
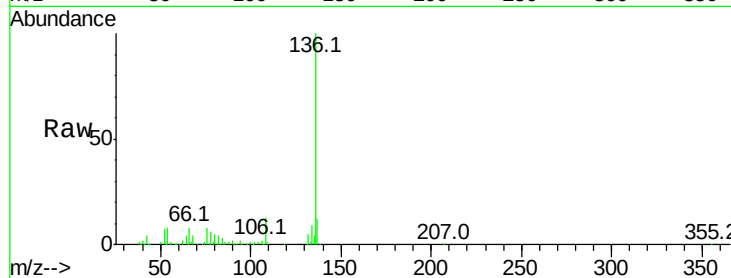




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.75 min Scan# 1302
Delta R.T. -0.04 min
Lab File: BM010253.D
Acq: 26 May 2017 12:47

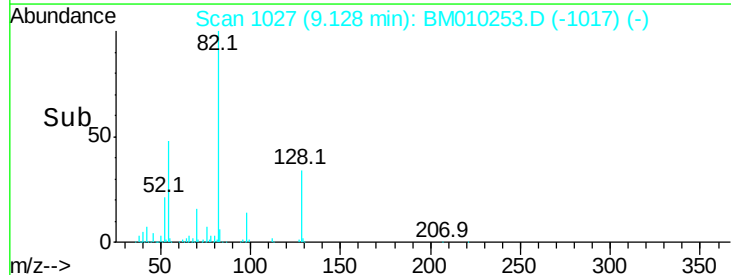
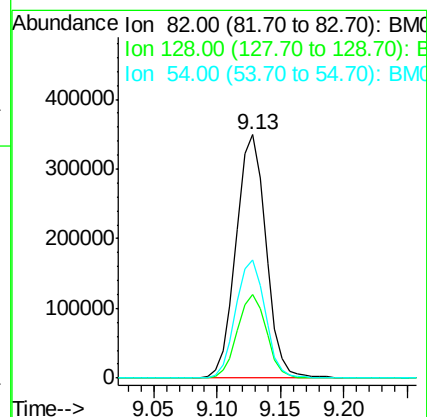
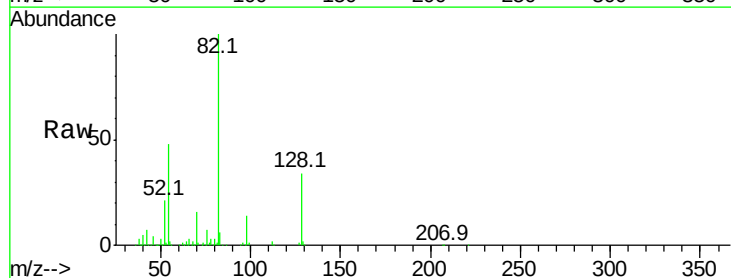
Instrument :
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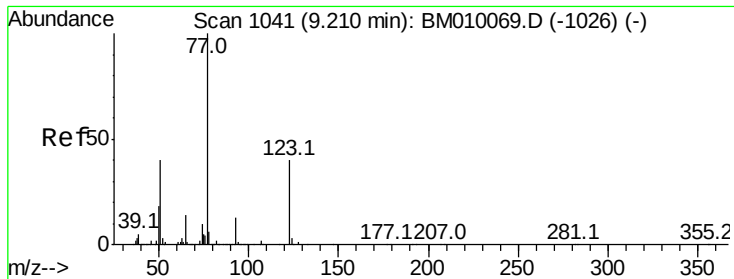
Tot Ion:136	Resp:	348231
Ion Ratio	Lower	Upper
136 100		
137 12.0	8.7	13.1
54 7.5	4.6	6.8#
68 4.4	3.7	5.5



#23
Nitrobenzene-d5
Concen: 88.50 ng
RT: 9.13 min Scan# 1027
Delta R.T. -0.04 min
Lab File: BM010253.D
Acq: 26 May 2017 12:47

Tgt Ion	82	Resp: Lower	571240 Upper
	Ratio 100		
128	34.4	32.8	49.2
54	48.5	40.6	60.8

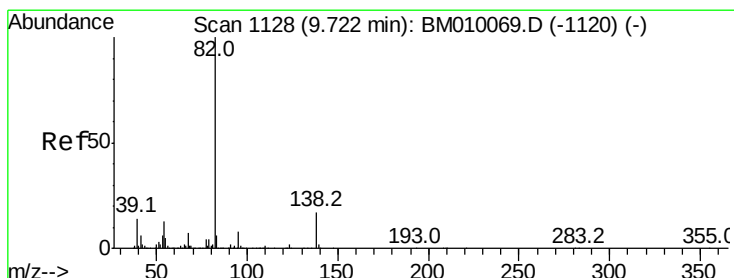
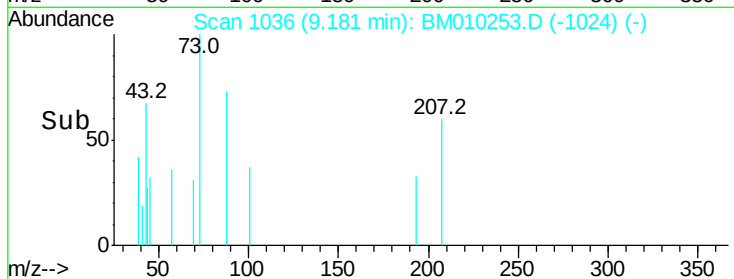
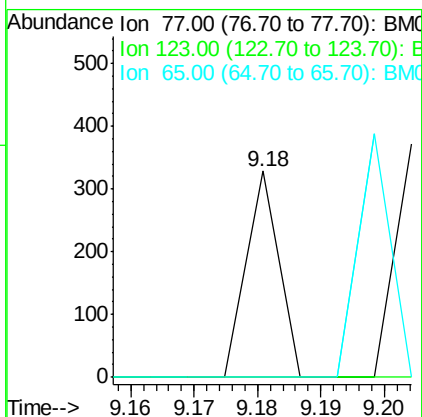
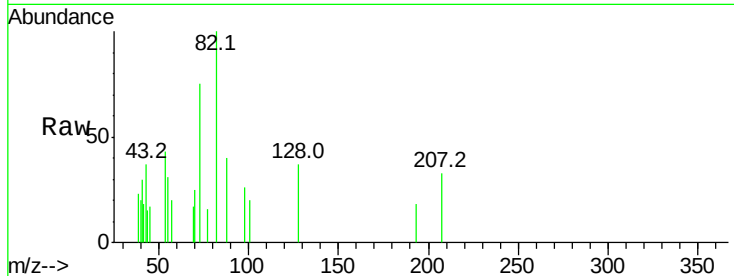




#24
Nitrobenzene
Concen: 0.02 ng
RT: 9.18 min Scan# 1036
Delta R.T. -0.03 min
Lab File: BM010253.D
Acq: 26 May 2017 12:47

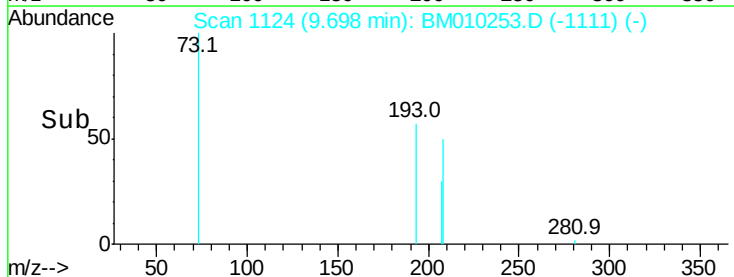
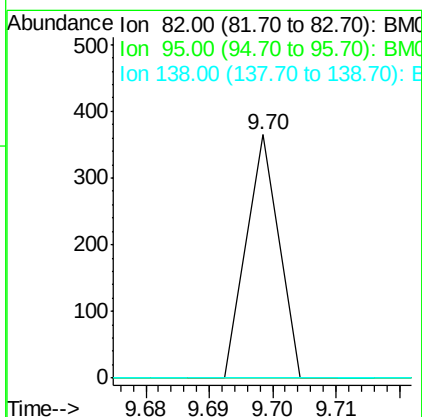
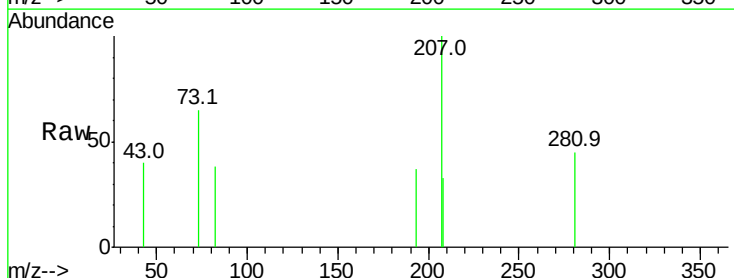
Instrument :
BNA_M
ClientSampled :

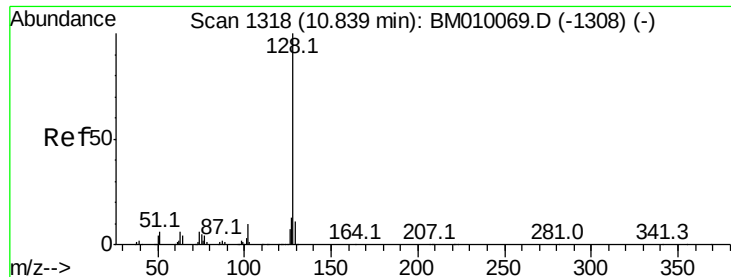
Tot Ion: 77 Resp: 116
Ion Ratio Lower Upper
77 100
123 0.0 32.6 49.0#
65 0.0 10.9 16.3#



#25
Isophorone
Concen: 0.01 ng
RT: 9.70 min Scan# 1124
Delta R.T. -0.02 min
Lab File: BM010253.D
Acq: 26 May 2017 12:47

Tgt Ion: 82 Resp: 129
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 16.3 24.5#





#31

Naphthalene

Concen: 0.01 ng

RT: 10.81 min Scan# 1313

Delta R.T. -0.03 min

Lab File: BM010253.D

Acq: 26 May 2017 12:47

Instrument :

BNA_M

ClientSampleId :

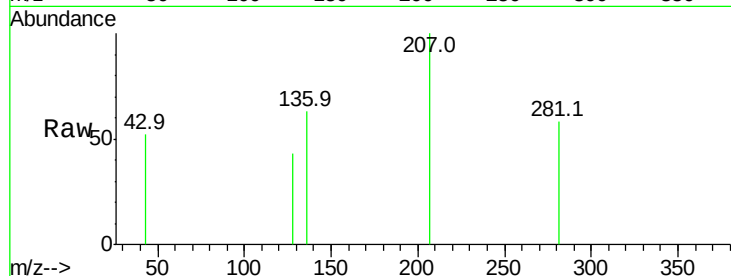
Tot Ion:128 Resp: 123

Ion Ratio Lower Upper

128 100

129 0.0 8.9 13.3#

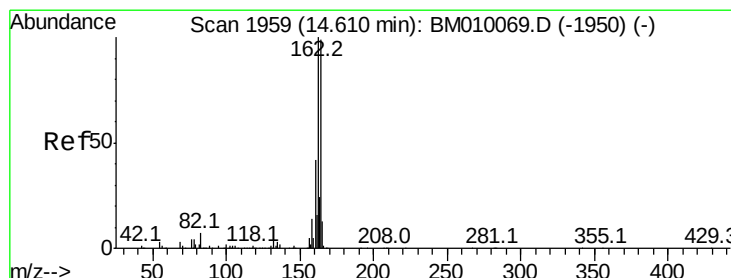
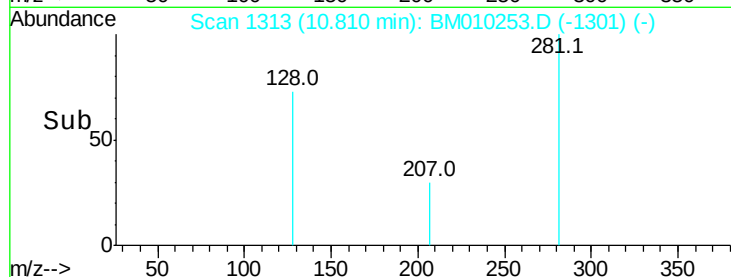
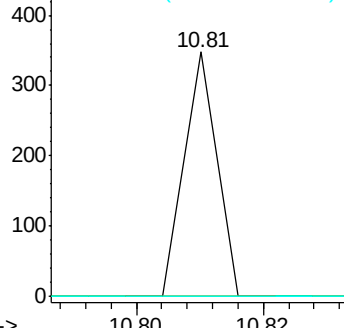
127 0.0 10.4 15.6#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.57 min Scan# 1953

Delta R.T. -0.04 min

Lab File: BM010253.D

Acq: 26 May 2017 12:47

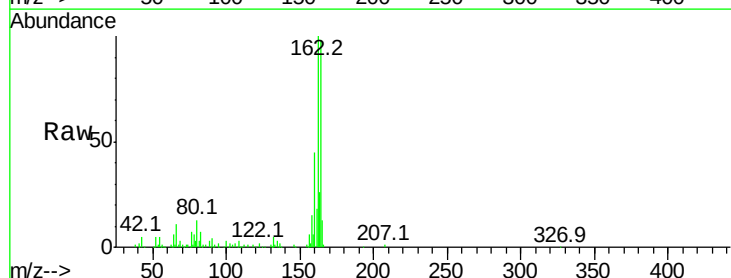
Tgt Ion:164 Resp: 226073

Ion Ratio Lower Upper

164 100

162 101.9 82.4 123.6

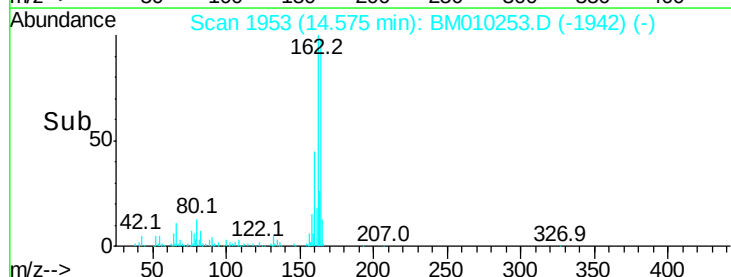
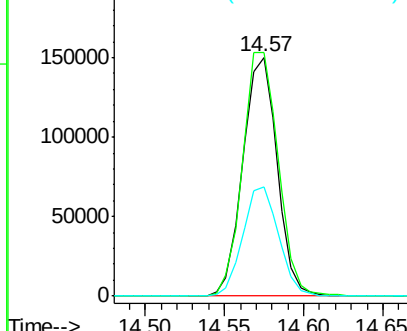
160 45.9 35.8 53.6

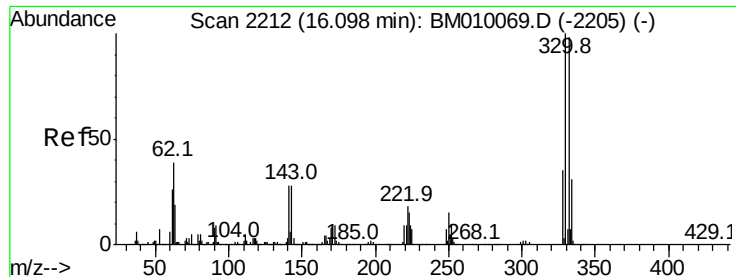


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 123.13 ng

RT: 16.06 min Scan# 2206

Delta R.T. -0.04 min

Lab File: BM010253.D

Acq: 26 May 2017 12:47

Instrument :

BNA_M

ClientSampleId :

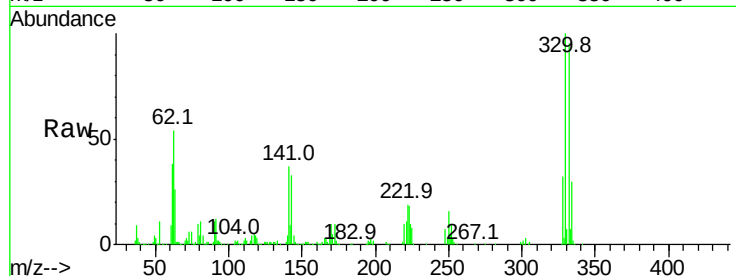
Tot Ion:330 Resp: 422768

Ion Ratio Lower Upper

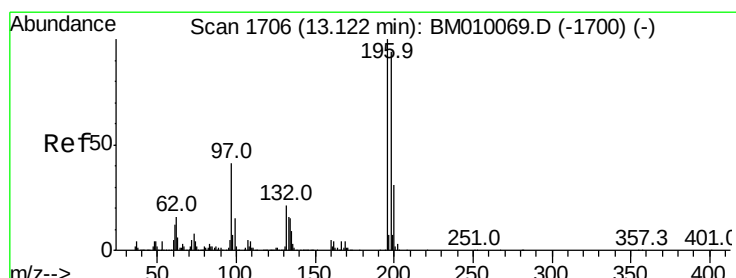
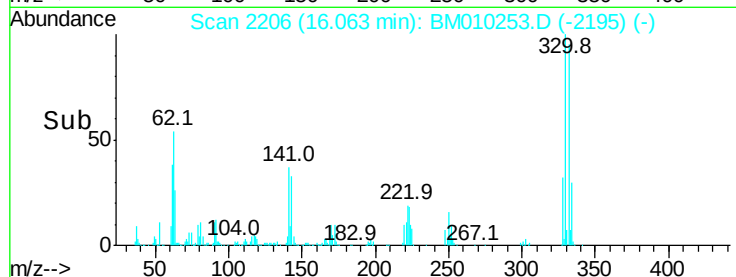
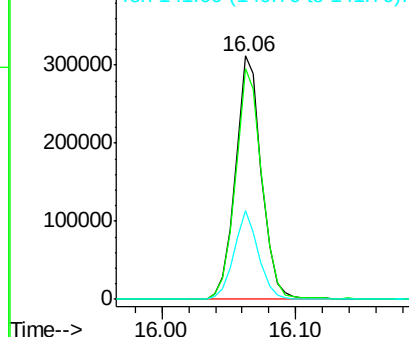
330 100

332 95.7 0.0 0.0#

141 34.6 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



#43

2,4,5-Trichlorophenol

Concen: 0.02 ng

RT: 13.13 min Scan# 1708

Delta R.T. 0.01 min

Lab File: BM010253.D

Acq: 26 May 2017 12:47

Tgt Ion:196 Resp: 133

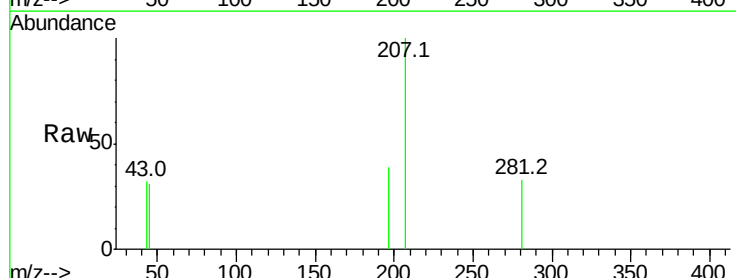
Ion Ratio Lower Upper

196 100

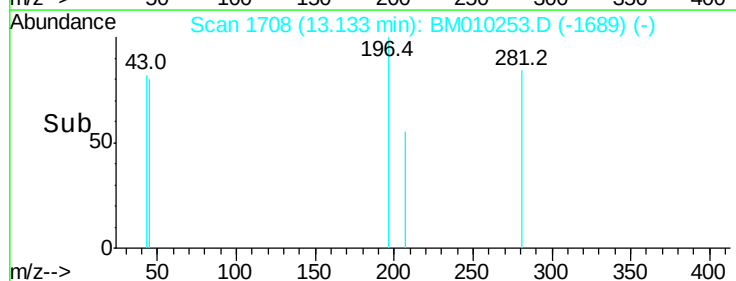
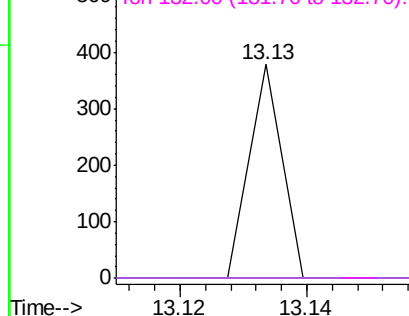
198 0.0 79.4 119.0#

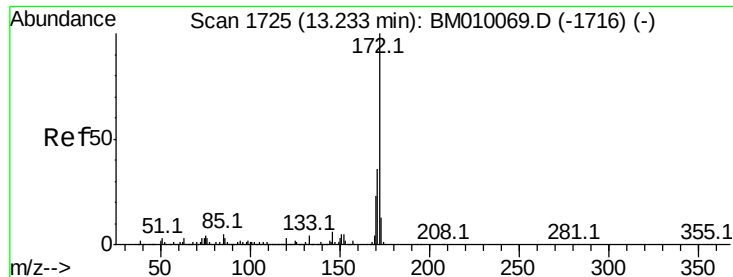
97 0.0 26.8 40.2#

132 0.0 18.6 28.0#



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BM0
Ion 132.00 (131.70 to 132.70): E

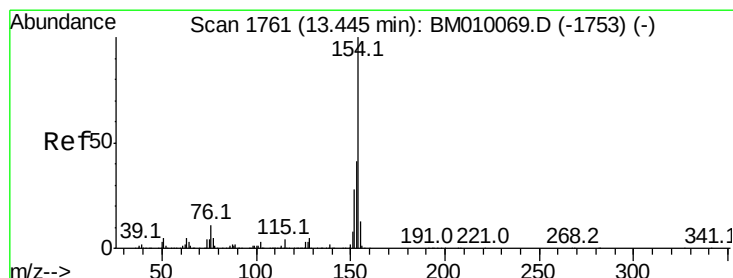
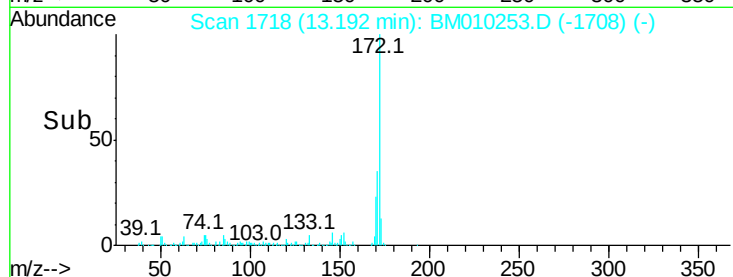
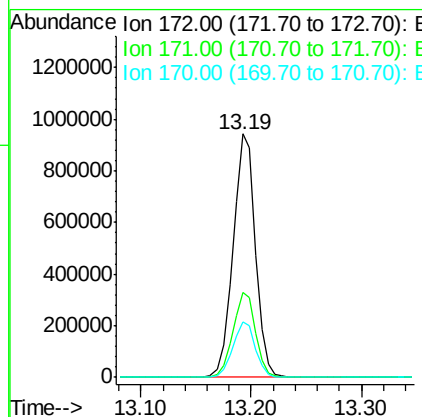
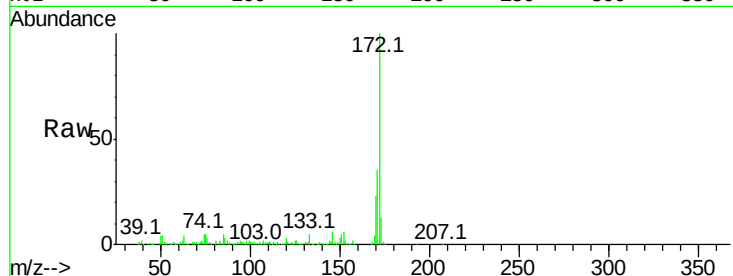




#44
 2-Fluorobiphenyl
 Concen: 75.98 ng
 RT: 13.19 min Scan# 1718
 Delta R.T. -0.04 min
 Lab File: BM010253.D
 Acq: 26 May 2017 12:47

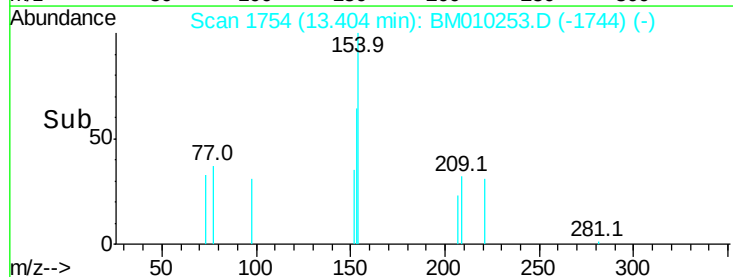
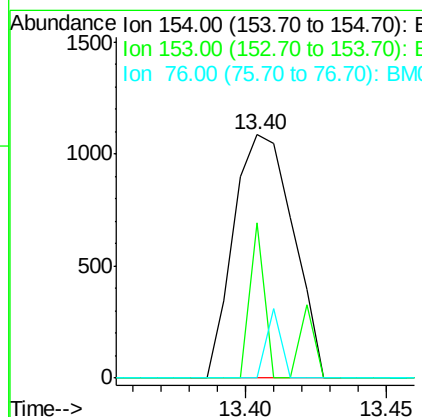
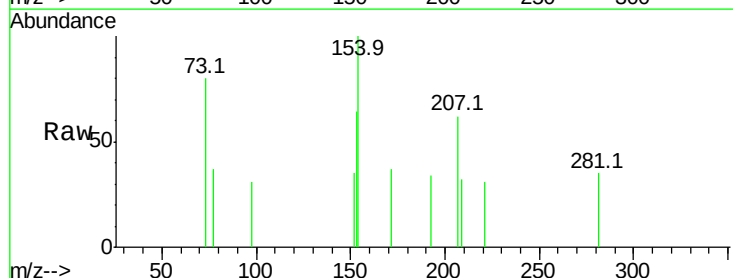
Instrument :
 BNA_M
 ClientSampleId :

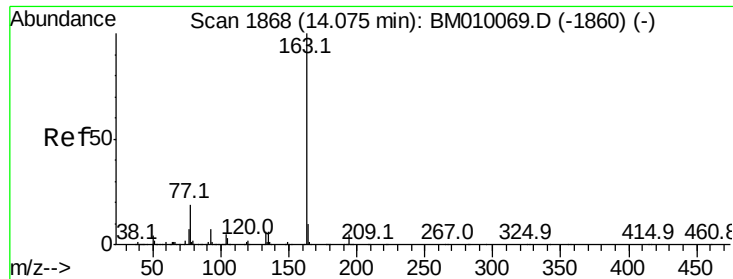
Tot Ion:172 Resp: 1336213
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.5 42.7
 170 22.5 18.8 28.2



#45
 1,1'-Biphenyl
 Concen: 0.09 ng
 RT: 13.40 min Scan# 1754
 Delta R.T. -0.04 min
 Lab File: BM010253.D
 Acq: 26 May 2017 12:47

Tgt Ion:154 Resp: 1585
 Ion Ratio Lower Upper
 154 100
 153 63.7 20.7 60.7#
 76 0.0 0.0 30.9





#49

Dimethylphthalate

Concen: 20.62 ng

RT: 14.03 min Scan# 1861

Delta R.T. -0.04 min

Lab File: BM010253.D

Acq: 26 May 2017 12:47

Instrument :

BNA_M

ClientSampleId :

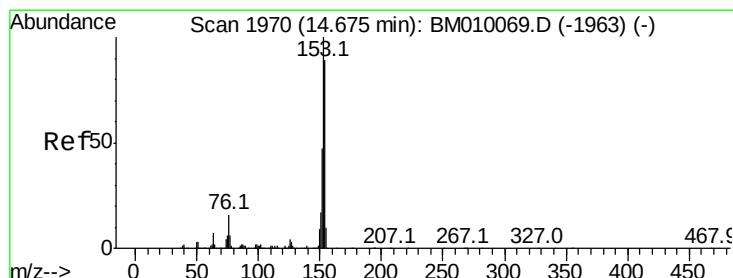
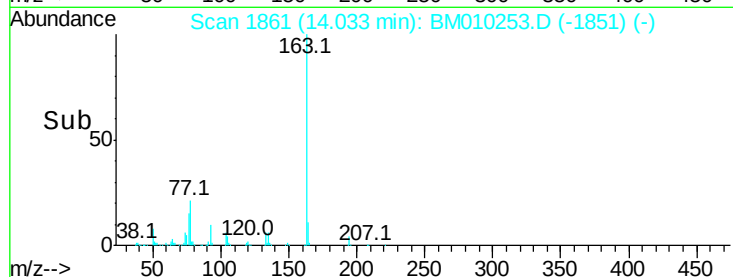
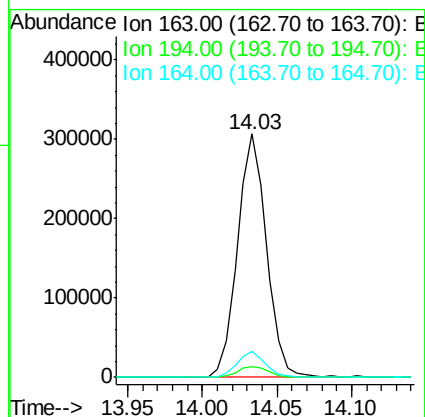
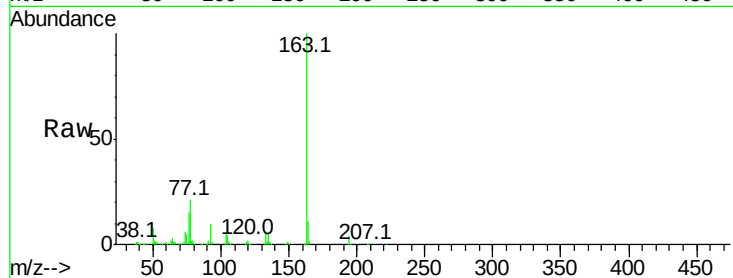
Tot Ion:163 Resp: 415838

Ion Ratio Lower Upper

163 100

194 4.2 2.7 4.1#

164 10.5 8.2 12.2



#51

Acenaphthene

Concen: 0.07 ng

RT: 14.57 min Scan# 1953

Delta R.T. -0.10 min

Lab File: BM010253.D

Acq: 26 May 2017 12:47

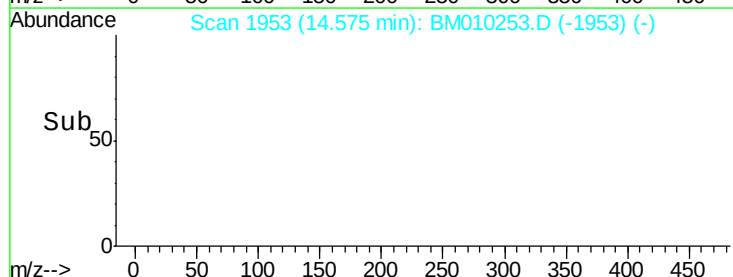
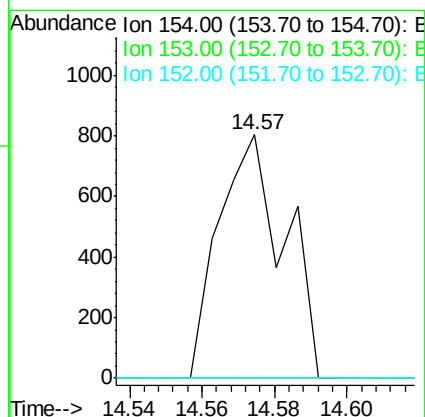
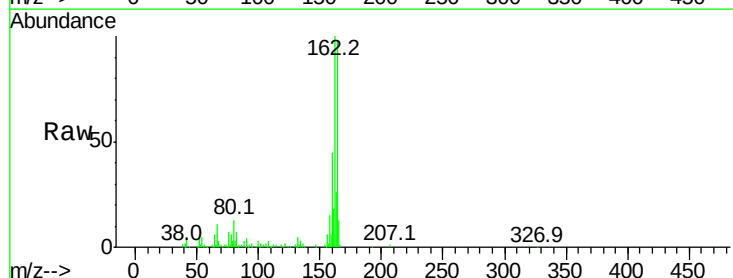
Tgt Ion:154 Resp: 1008

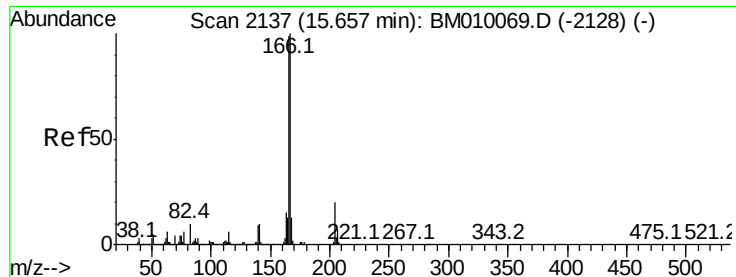
Ion Ratio Lower Upper

154 100

153 0.0 90.0 135.0#

152 0.0 42.6 63.8#

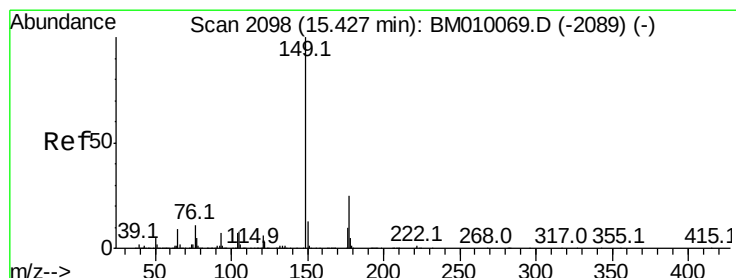
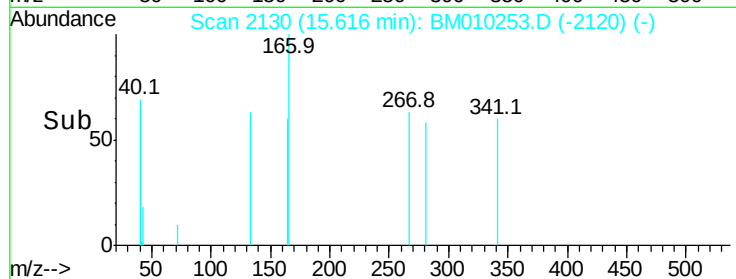
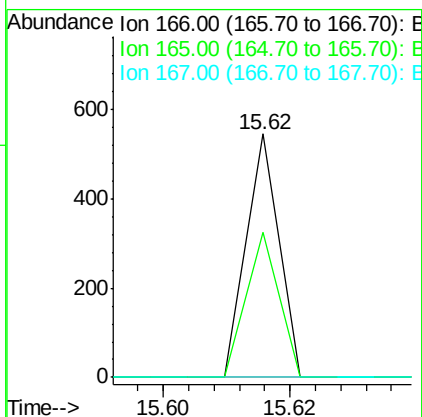
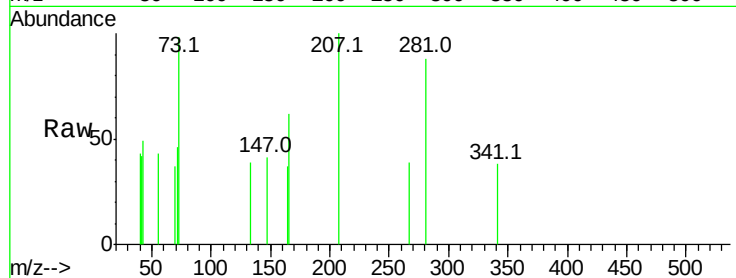




#57
 Fluorene
 Concen: 0.01 ng
 RT: 15.62 min Scan# 2130
 Delta R.T. -0.04 min
 Lab File: BM010253.D
 Acq: 26 May 2017 12:47

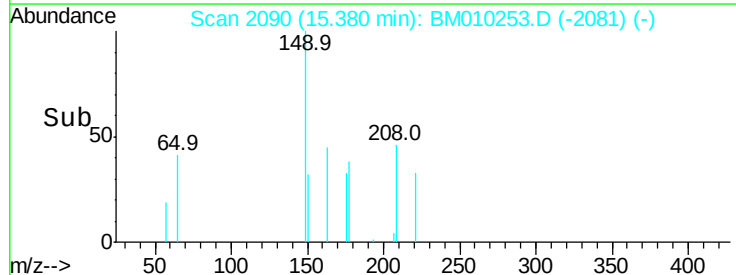
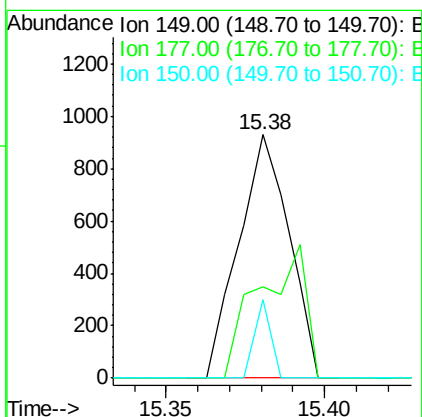
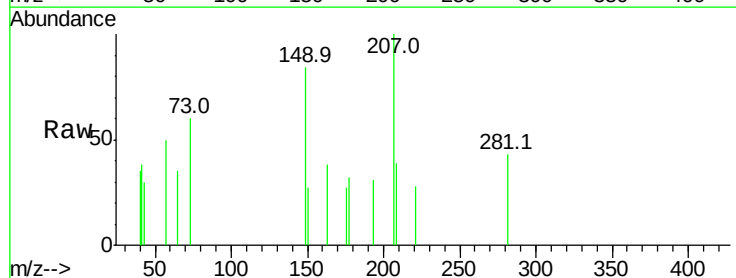
Instrument :
 BNA_M
 ClientSampleId :

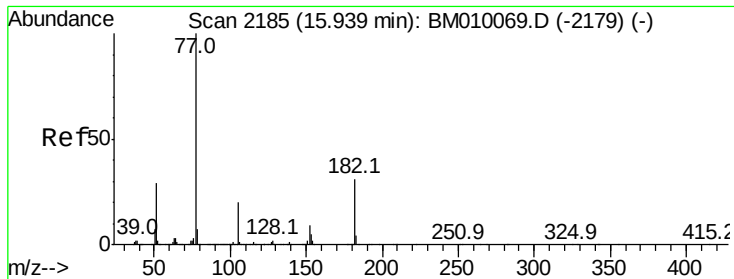
Tot Ion:166 Resp: 192
 Ion Ratio Lower Upper
 166 100
 165 59.8 79.0 118.4#
 167 0.0 10.3 15.5#



#59
 Diethylphthalate
 Concen: 0.05 ng
 RT: 15.38 min Scan# 2090
 Delta R.T. -0.05 min
 Lab File: BM010253.D
 Acq: 26 May 2017 12:47

Tgt Ion:149 Resp: 1023
 Ion Ratio Lower Upper
 149 100
 177 37.7 18.3 27.5#
 150 32.4 9.8 14.8#





#62

Azobenzene

Concen: 0.01 ng

RT: 15.91 min Scan# 2180

Delta R.T. -0.03 min

Lab File: BM010253.D

Acq: 26 May 2017 12:47

Instrument :

BNA_M

ClientSampled :

Tot Ion: 77 Resp: 126

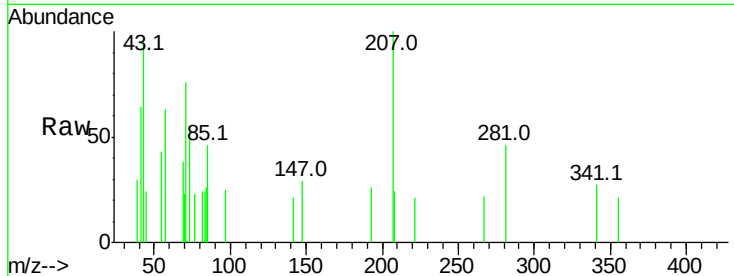
Ion Ratio Lower Upper

77 100

182 0.0 6.5 46.5#

105 0.0 3.8 43.8#

51 0.0 5.5 45.5#



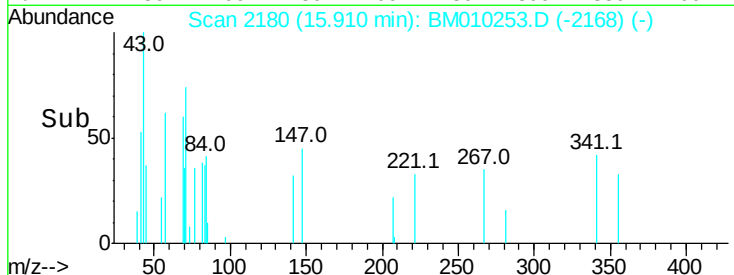
Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

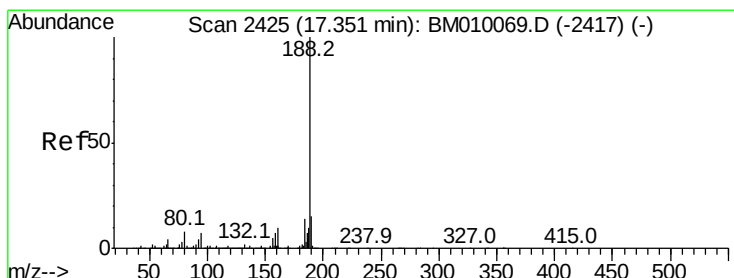
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0

Time-->



Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.32 min Scan# 2419

Delta R.T. -0.04 min

Lab File: BM010253.D

Acq: 26 May 2017 12:47

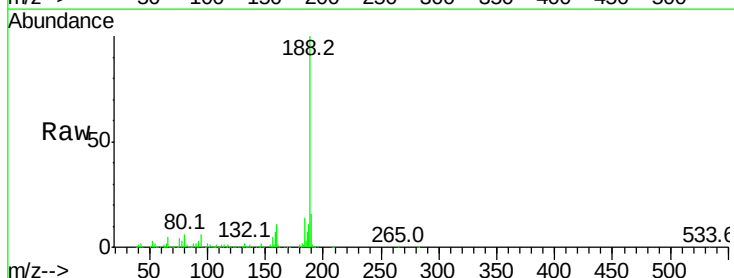
Tgt Ion: 188 Resp: 597543

Ion Ratio Lower Upper

188 100

94 6.0 8.7 13.1#

80 6.3 9.3 13.9#

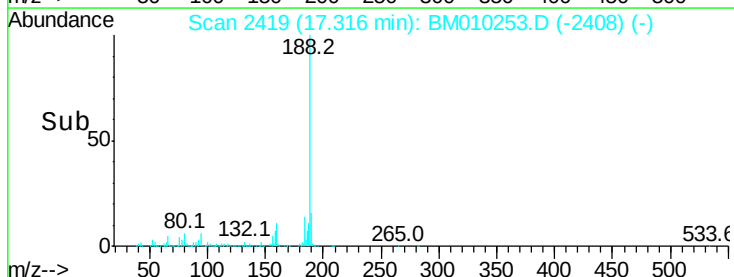


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

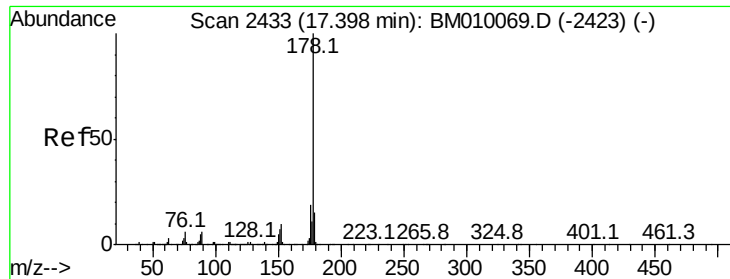
Ion 80.00 (79.70 to 80.70): BM0

Time-->



Time-->

Time-->



#70

Phenanthrene

Concen: 0.06 ng

RT: 17.36 min Scan# 2427

Delta R.T. -0.04 min

Lab File: BM010253.D

Acq: 26 May 2017 12:47

Instrument :

BNA_M

ClientSampleId :

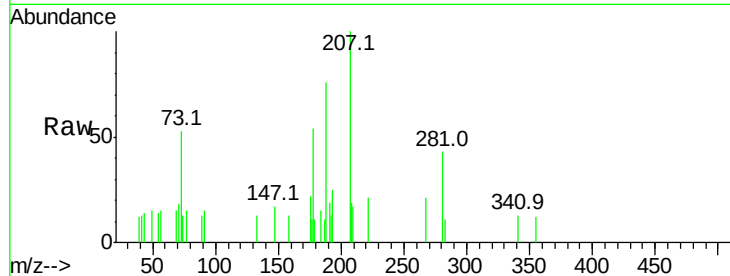
Tot Ion:178 Resp: 1964

Ion Ratio Lower Upper

178 100

176 40.2 15.2 22.8#

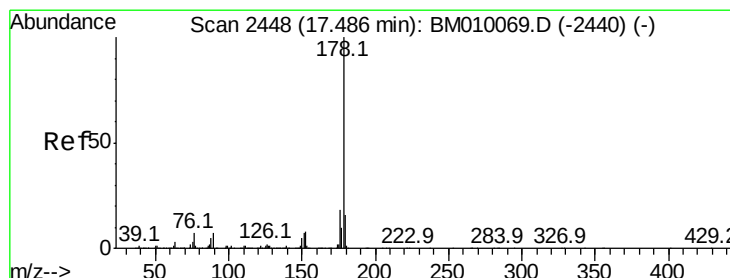
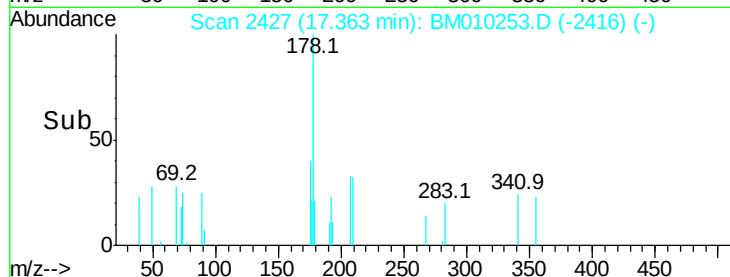
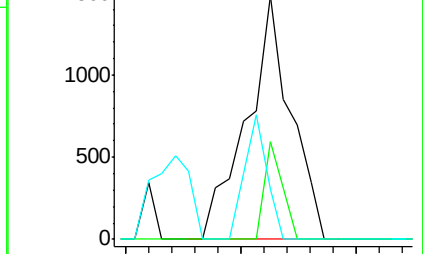
179 20.9 12.1 18.1#



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: 0.02 ng

RT: 17.44 min Scan# 2441

Delta R.T. -0.04 min

Lab File: BM010253.D

Acq: 26 May 2017 12:47

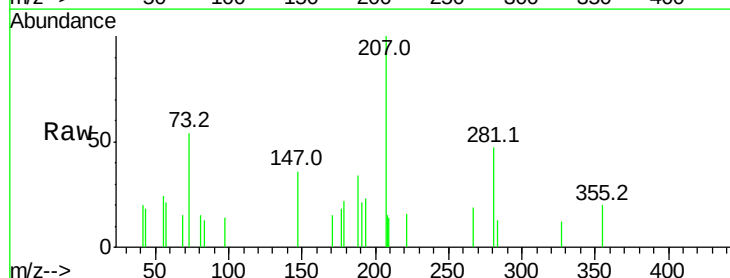
Tgt Ion:178 Resp: 746

Ion Ratio Lower Upper

178 100

176 0.0 14.6 22.0#

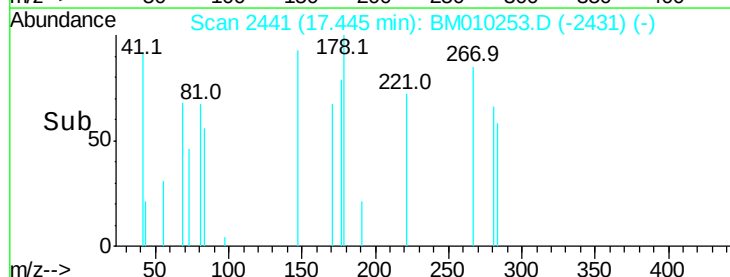
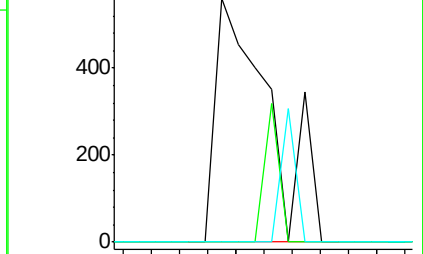
179 0.0 12.6 19.0#

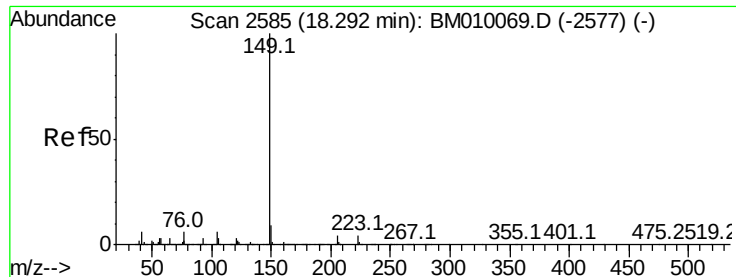


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Di-n-butylphthalate

Concen: 0.08 ng

RT: 18.26 min Scan# 2579

Delta R.T. -0.04 min

Lab File: BM010253.D

Acq: 26 May 2017 12:47

Instrument :

BNA_M

ClientSampleId :

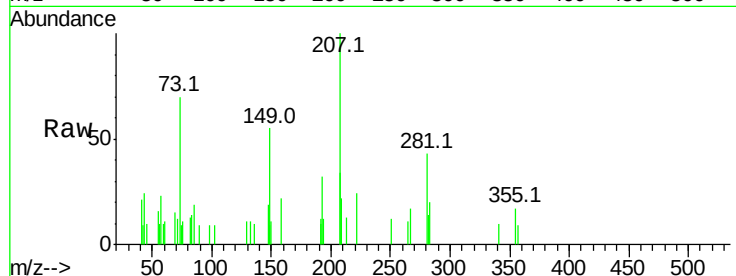
Tot Ion:149 Resp: 2766

Ion Ratio Lower Upper

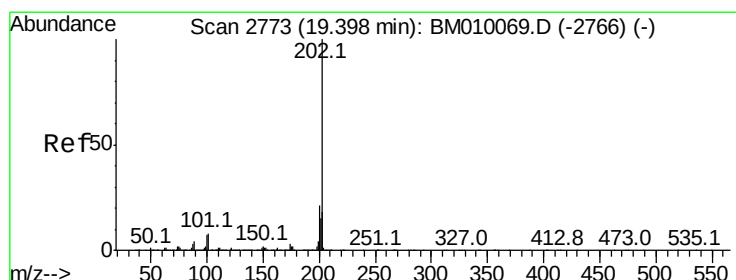
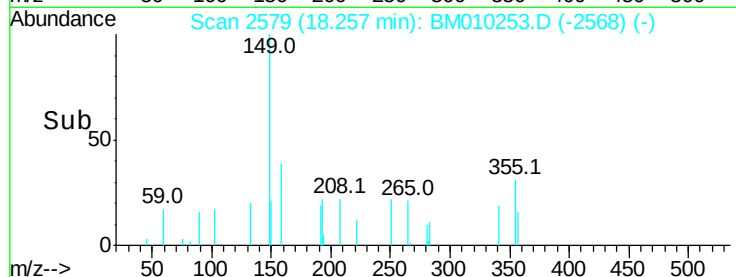
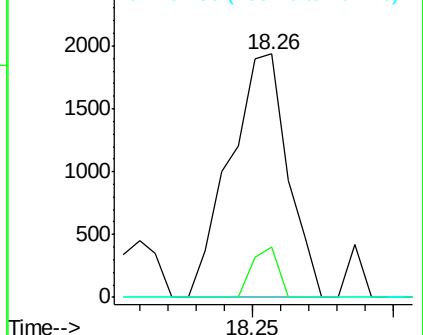
149 100

150 20.9 7.5 11.3#

104 0.0 3.7 5.5#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 0.10 ng

RT: 19.37 min Scan# 2768

Delta R.T. -0.03 min

Lab File: BM010253.D

Acq: 26 May 2017 12:47

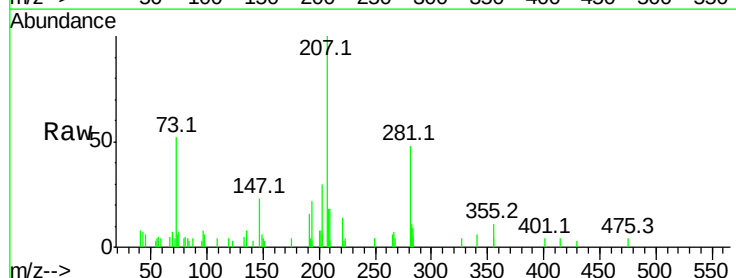
Tgt Ion:202 Resp: 4437

Ion Ratio Lower Upper

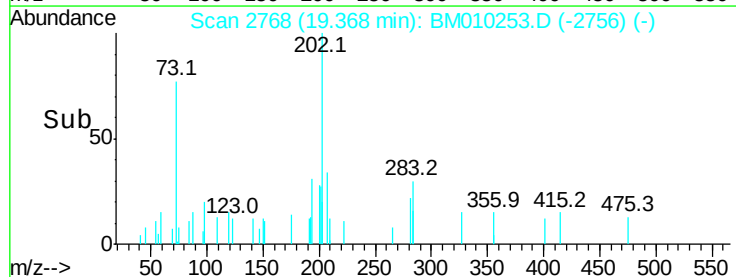
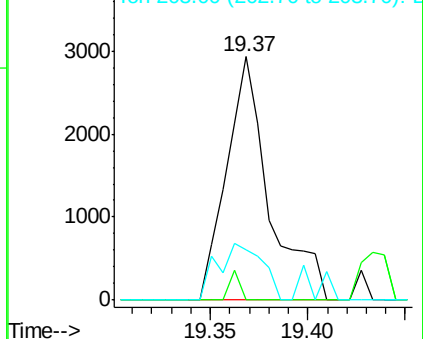
202 100

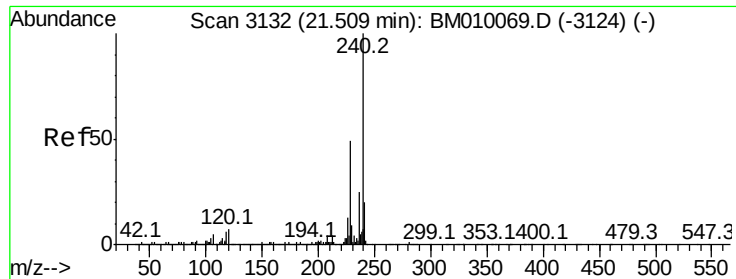
101 0.0 0.0 28.7

203 20.5 0.0 37.2



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.48 min Scan# 3127

Delta R.T. -0.03 min

Lab File: BM010253.D

Acq: 26 May 2017 12:47

Instrument :

BNA_M

ClientSampleId :

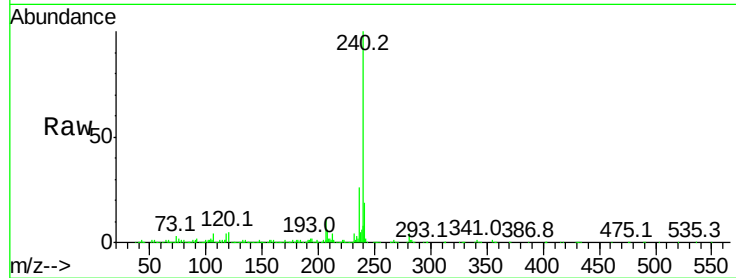
Tot Ion:240 Resp: 948215

Ion Ratio Lower Upper

240 100

120 4.9 8.2 12.2#

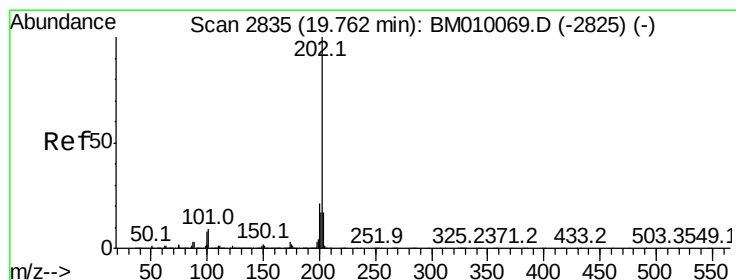
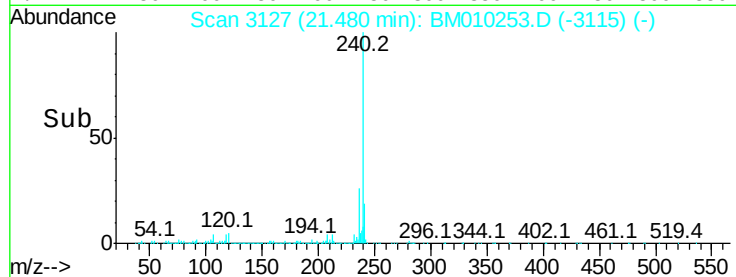
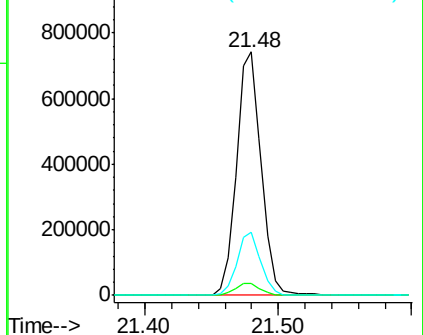
236 25.8 20.0 30.0



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



#77

Pyrene

Concen: 0.08 ng

RT: 19.73 min Scan# 2830

Delta R.T. -0.03 min

Lab File: BM010253.D

Acq: 26 May 2017 12:47

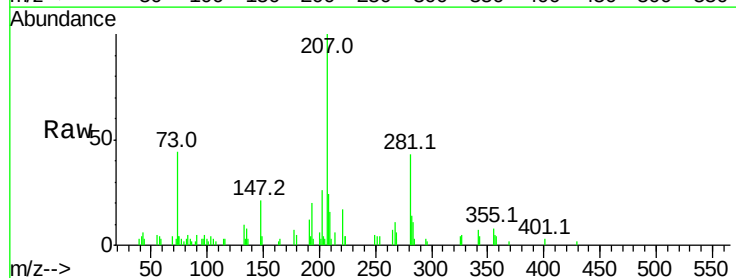
Tgt Ion:202 Resp: 4021

Ion Ratio Lower Upper

202 100

200 23.5 16.9 25.3

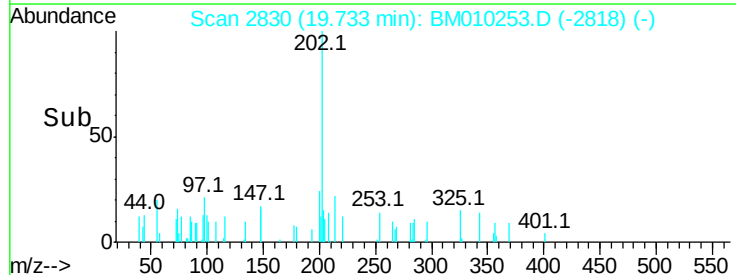
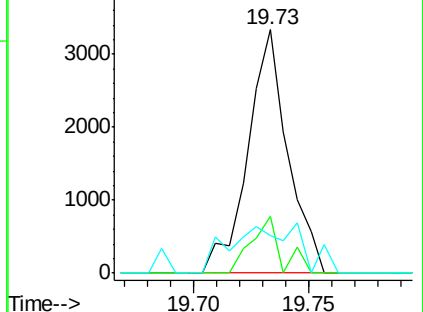
203 15.2 14.1 21.1

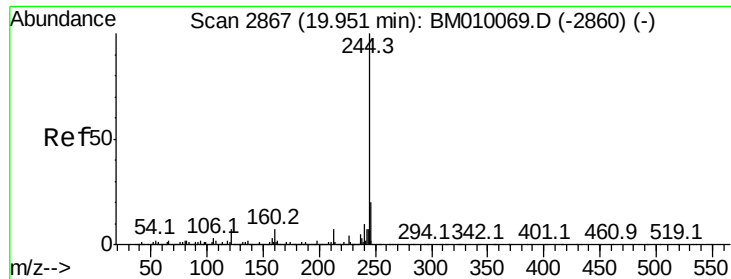


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 61.09 ng

RT: 19.92 min Scan# 2862

Delta R.T. -0.03 min

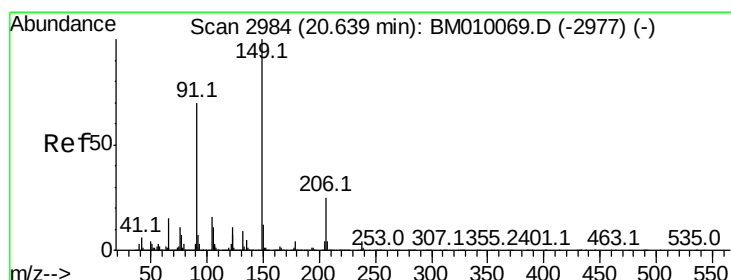
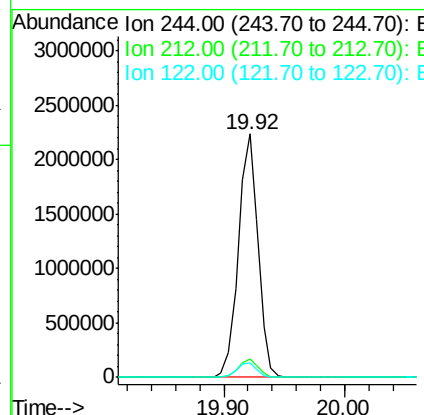
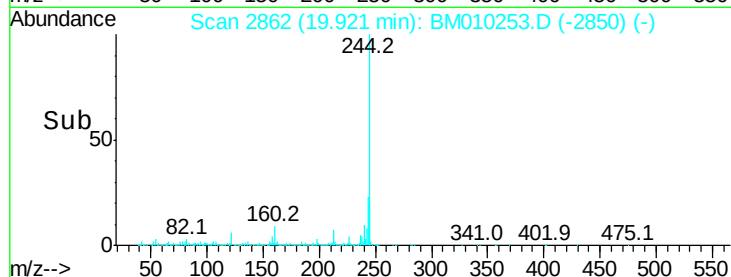
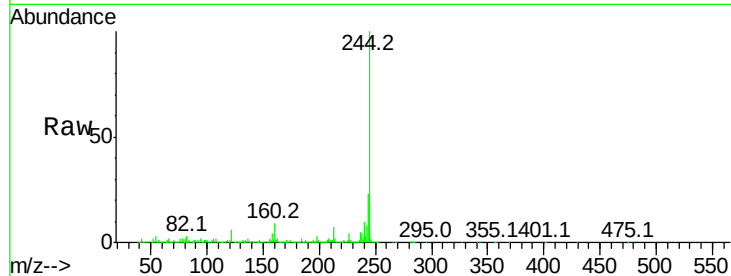
Lab File: BM010253.D

Acq: 26 May 2017 12:47

Instrument :
BNA_M
ClientSampleId :

Tot Ion:244 Resp: 2547441

Ion	Ratio	Lower	Upper
244	100		
212	7.4	4.9	7.3#
122	5.7	6.2	9.4#



#79

Butylbenzylphthalate

Concen: 0.04 ng

RT: 20.61 min Scan# 2979

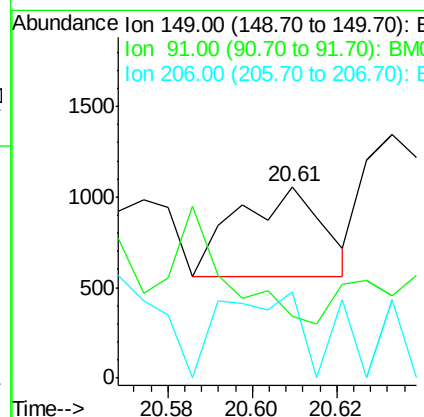
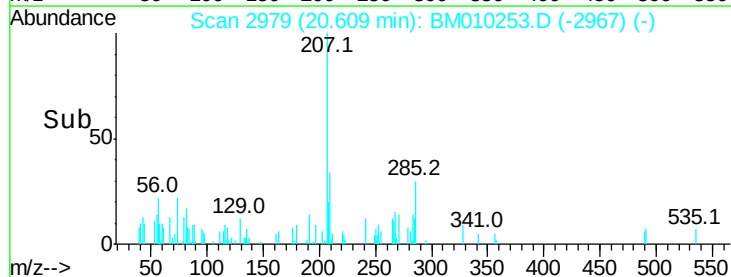
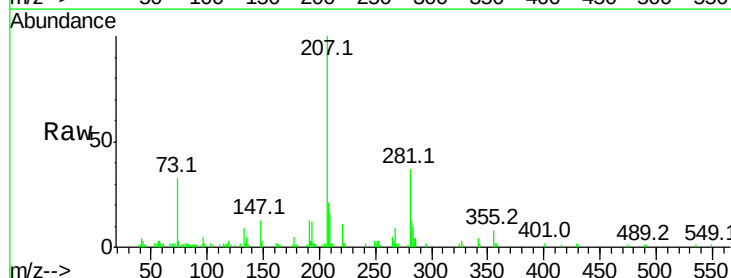
Delta R.T. -0.03 min

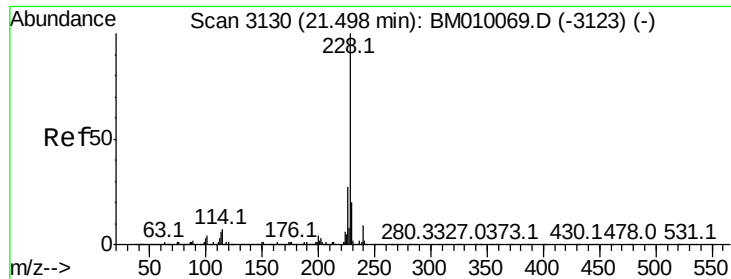
Lab File: BM010253.D

Acq: 26 May 2017 12:47

Tgt Ion:149 Resp: 693

Ion	Ratio	Lower	Upper
149	100		
91	32.6	50.1	75.1#
206	45.0	16.2	24.2#

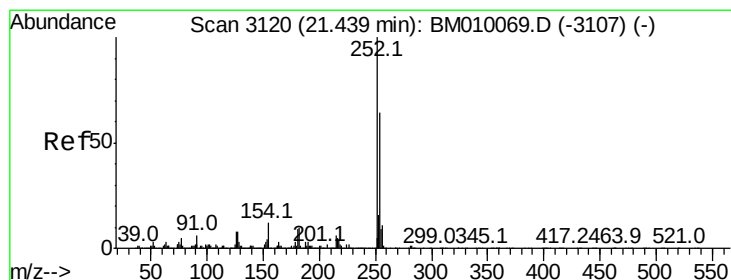
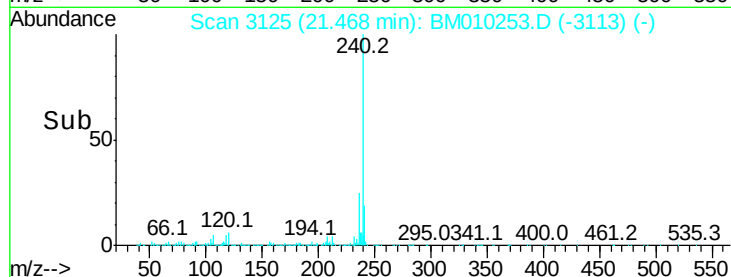
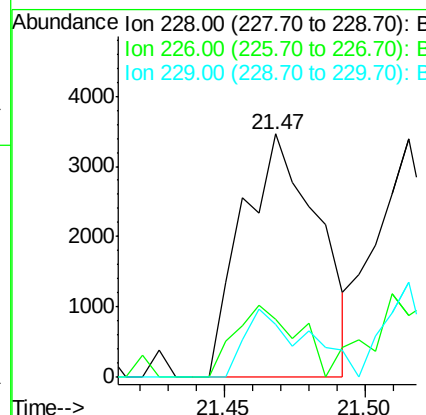
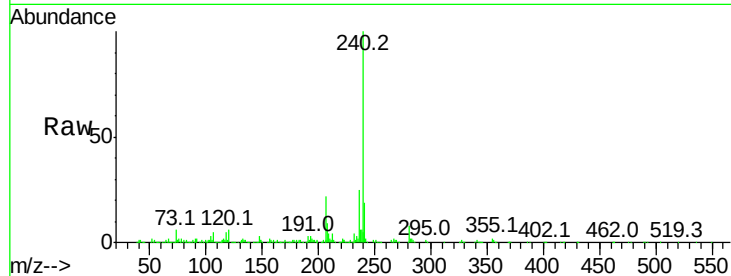




#80
Benzo(a)anthracene
Concen: 0.12 ng
RT: 21.47 min Scan# 3125
Delta R.T. -0.03 min
Lab File: BM010253.D
Acq: 26 May 2017 12:47

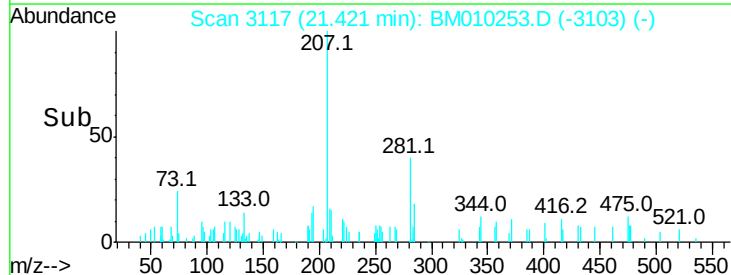
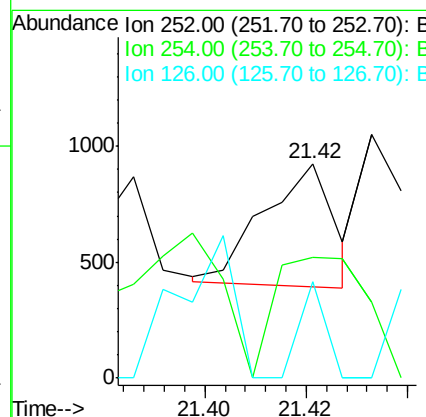
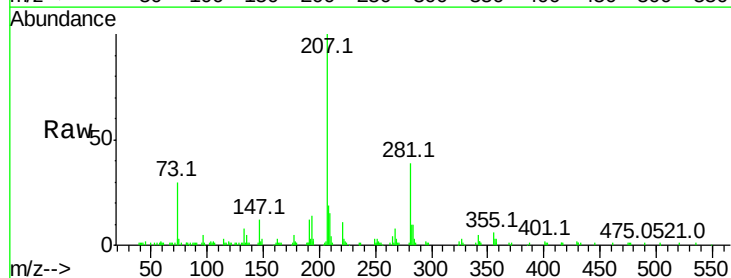
Instrument :
BNA_M
ClientSampleId :

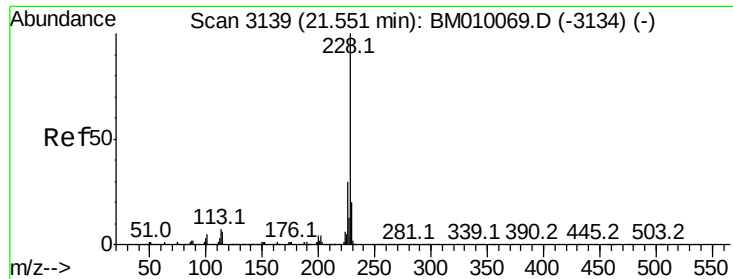
Tot Ion:228 Resp: 6452
Ion Ratio Lower Upper
228 100
226 23.7 21.7 32.5
229 22.0 16.0 24.0



#81
3,3'-Dichlorobenzidine
Concen: 0.02 ng
RT: 21.42 min Scan# 3117
Delta R.T. -0.02 min
Lab File: BM010253.D
Acq: 26 May 2017 12:47

Tgt Ion:252 Resp: 505
Ion Ratio Lower Upper
252 100
254 56.4 51.9 77.9
126 44.8 9.8 14.8#

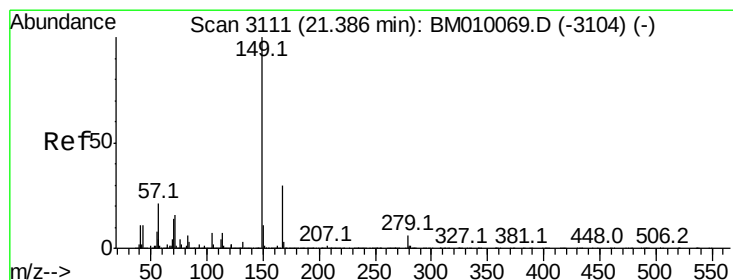
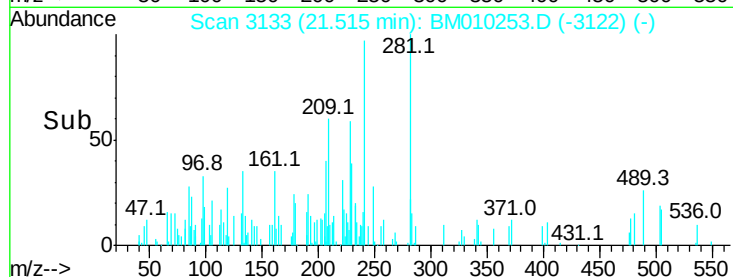
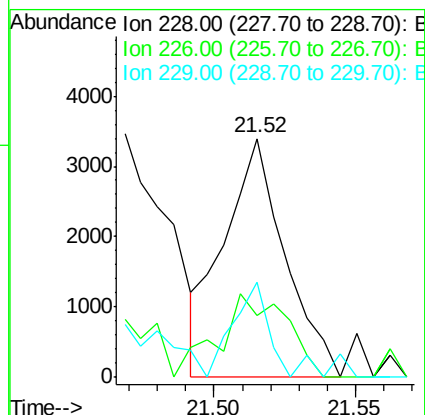
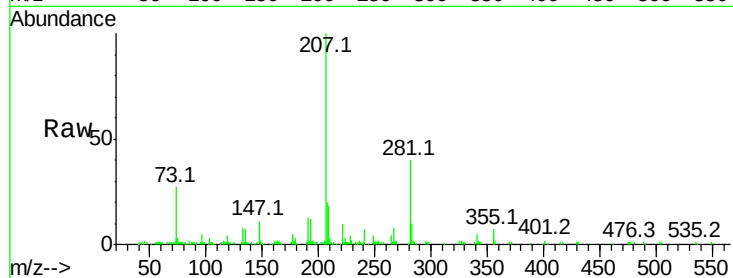




#82
 Chrysene
 Concen: 0.10 ng
 RT: 21.52 min Scan# 3133
 Delta R.T. -0.04 min
 Lab File: BM010253.D
 Acq: 26 May 2017 12:47

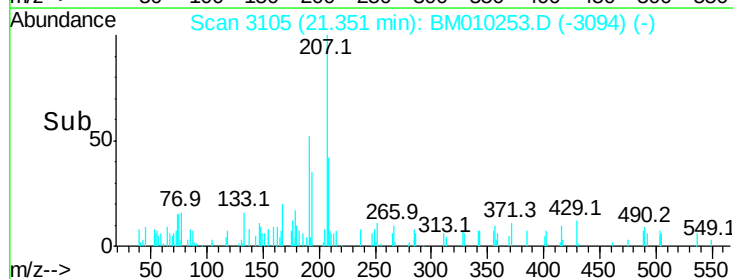
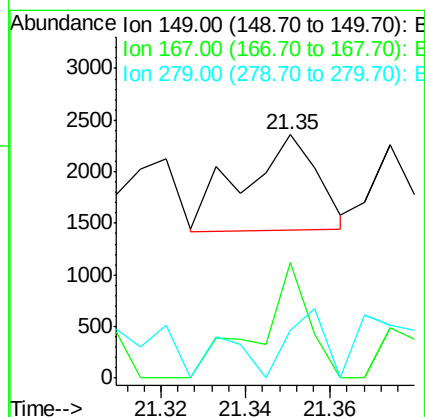
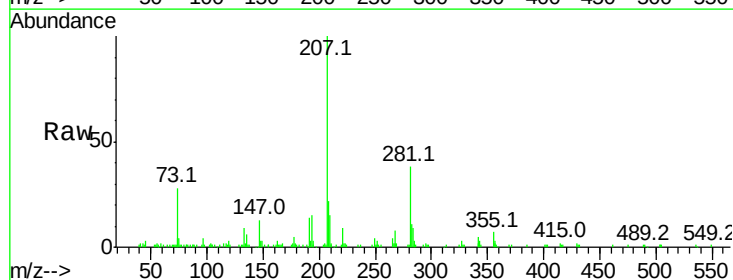
Instrument :
 BNA_M
 ClientSampled :

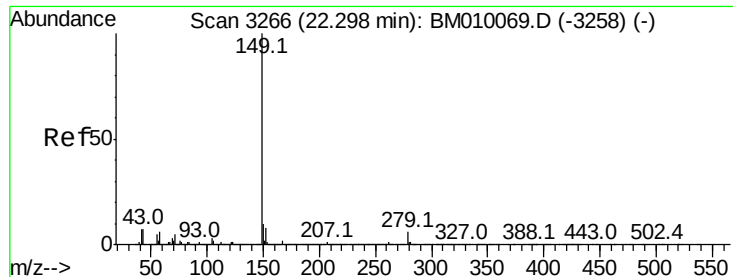
Tot Ion:228 Resp: 5114
 Ion Ratio Lower Upper
 228 100
 226 25.8 24.1 36.1
 229 39.8 15.5 23.3#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.04 ng
 RT: 21.35 min Scan# 3105
 Delta R.T. -0.04 min
 Lab File: BM010253.D
 Acq: 26 May 2017 12:47

Tgt Ion:149 Resp: 1130
 Ion Ratio Lower Upper
 149 100
 167 47.4 22.4 33.6#
 279 19.6 3.4 5.0#

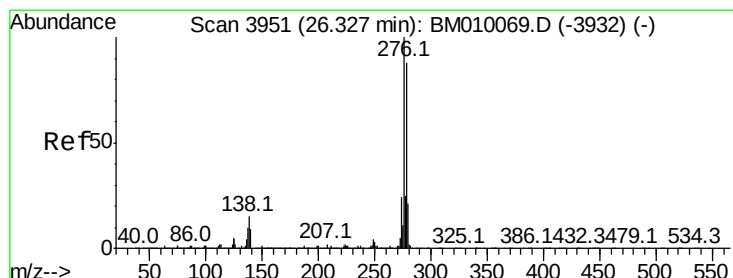
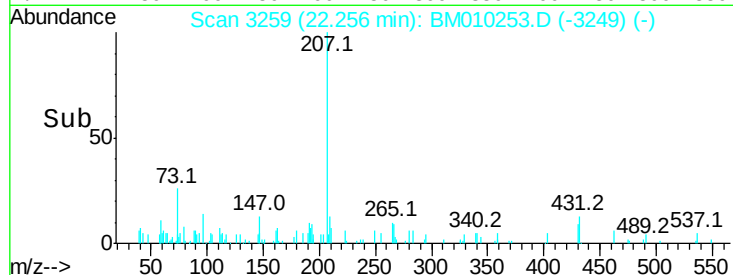
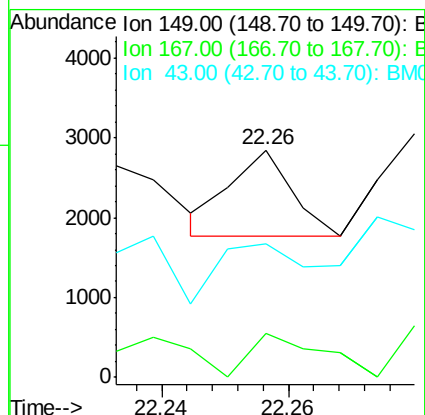
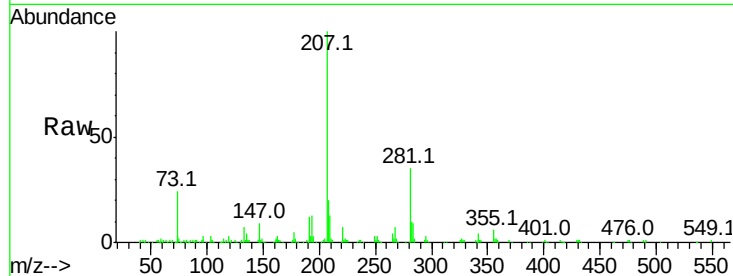




#84
Di-n-octyl phthalate
Concen: 0.01 ng
RT: 22.26 min Scan# 3259
Delta R.T. -0.04 min
Lab File: BM010253.D
Acq: 26 May 2017 12:47

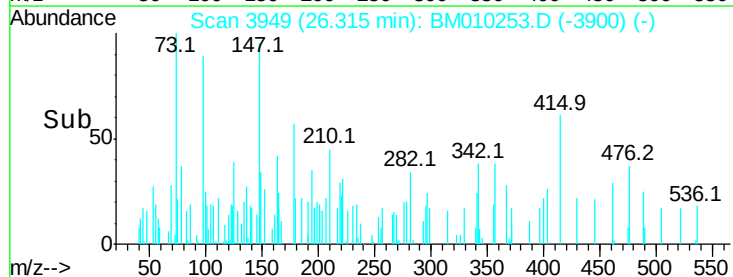
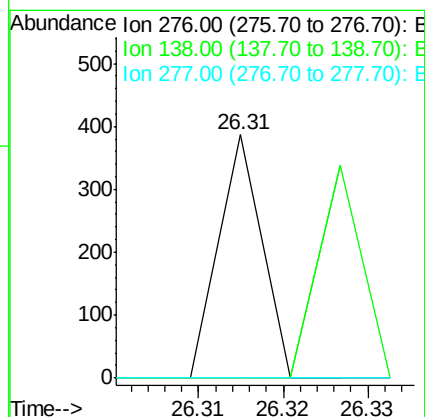
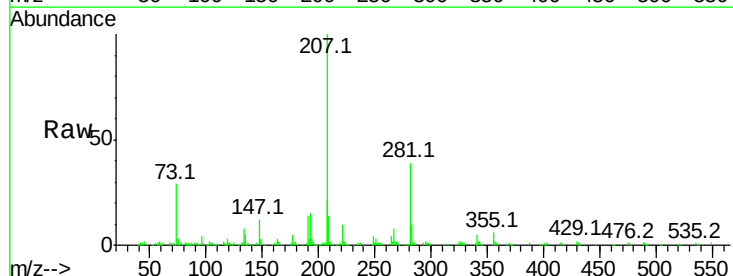
Instrument :
BNA_M
ClientSampled :

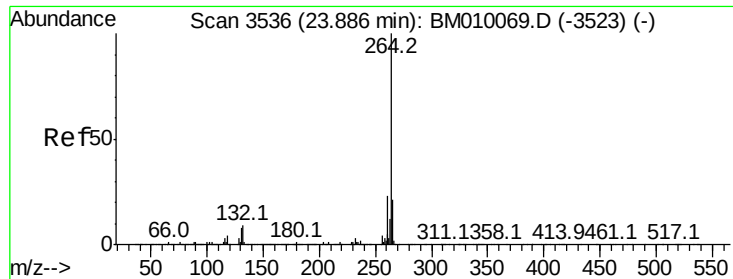
Tot Ion:149 Resp: 724
Ion Ratio Lower Upper
149 100
167 58.8 1.2 1.8#
43 91.4 7.3 10.9#



#85
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng
RT: 26.31 min Scan# 3949
Delta R.T. -0.01 min
Lab File: BM010253.D
Acq: 26 May 2017 12:47

Tgt Ion:276 Resp: 137
Ion Ratio Lower Upper
276 100
138 0.0 0.0 0.0
277 0.0 0.0 0.0

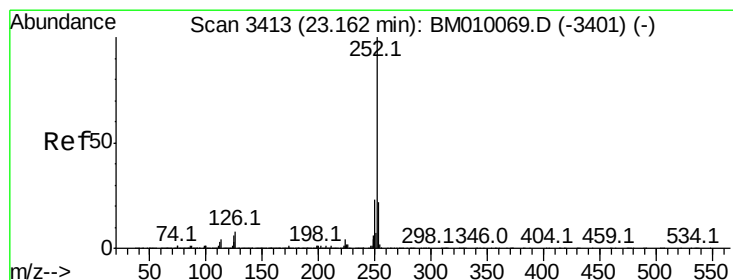
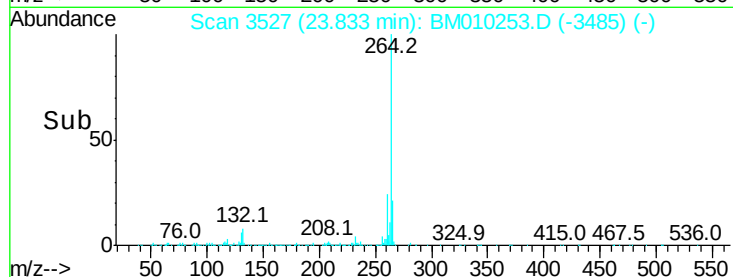
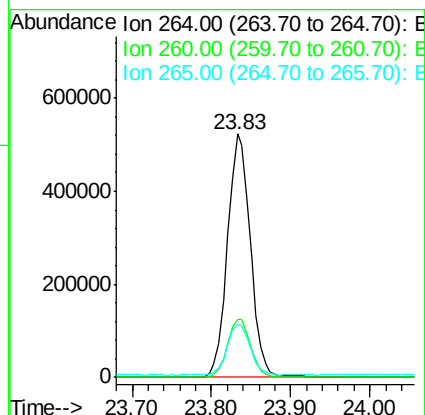
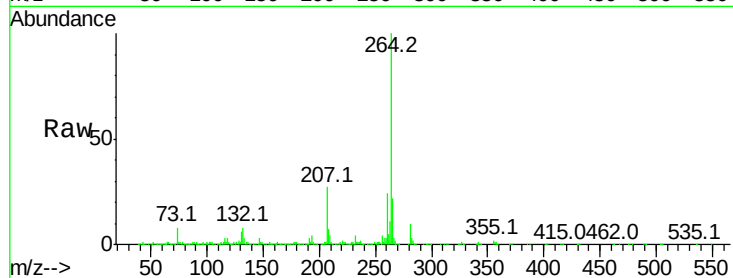




#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.83 min Scan# 3527
Delta R.T. -0.05 min
Lab File: BM010253.D
Acq: 26 May 2017 12:47

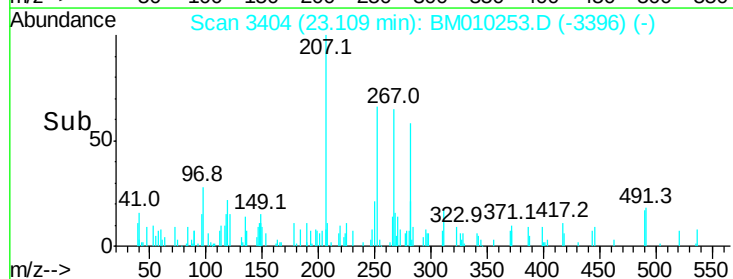
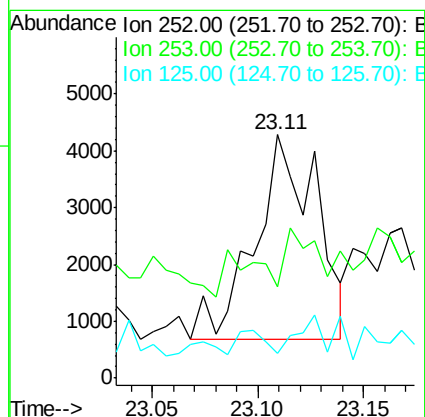
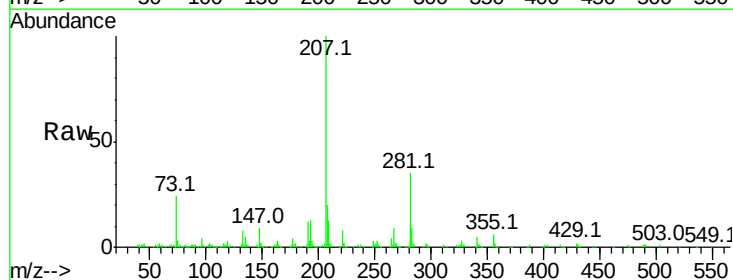
Instrument :
BNA_M
ClientSampleId :

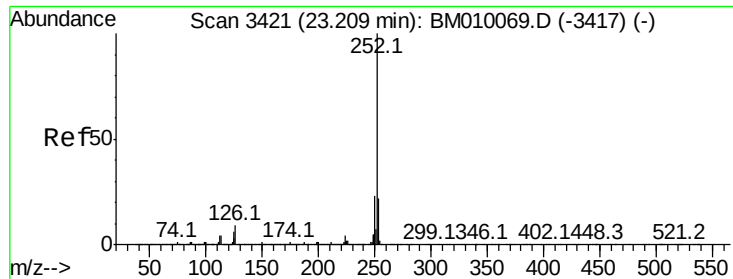
Tot Ion:264 Resp: 1044595
Ion Ratio Lower Upper
264 100
260 23.7 18.6 27.8
265 22.0 17.3 25.9



#87
Benzo(b)fluoranthene
Concen: 0.12 ng
RT: 23.11 min Scan# 3404
Delta R.T. -0.05 min
Lab File: BM010253.D
Acq: 26 May 2017 12:47

Tgt Ion:252 Resp: 7279
Ion Ratio Lower Upper
252 100
253 37.7 18.0 27.0#
125 10.0 9.9 14.9

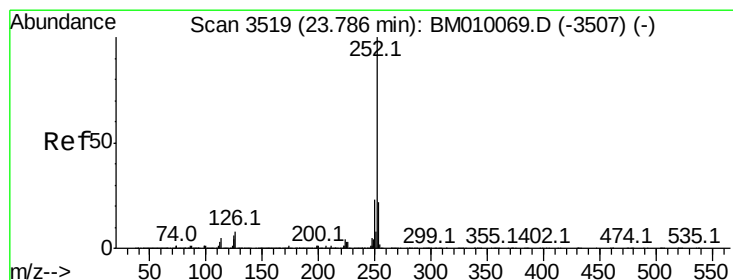
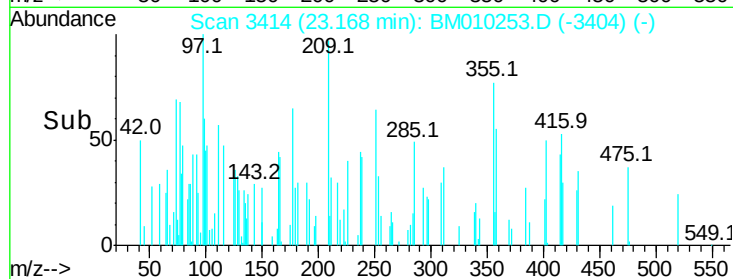
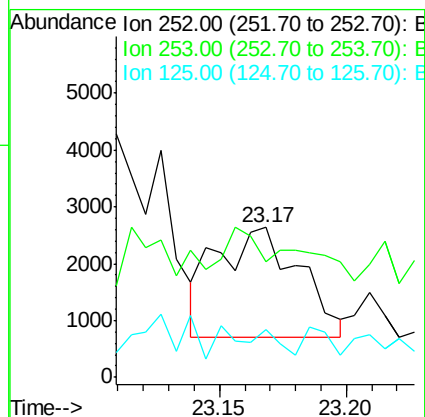
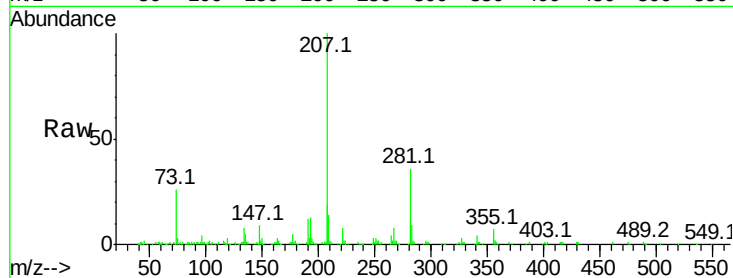




#88
Benzo(k)fluoranthene
Concen: 0.07 ng
RT: 23.17 min Scan# 3414
Delta R.T. -0.04 min
Lab File: BM010253.D
Acq: 26 May 2017 12:47

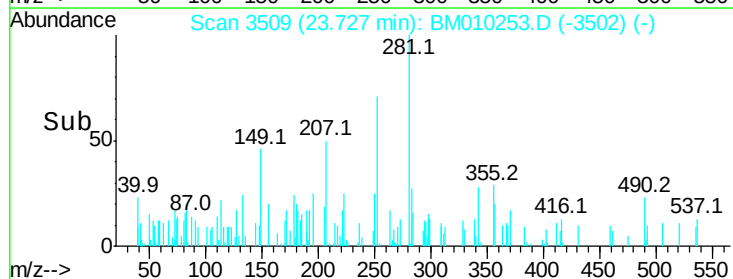
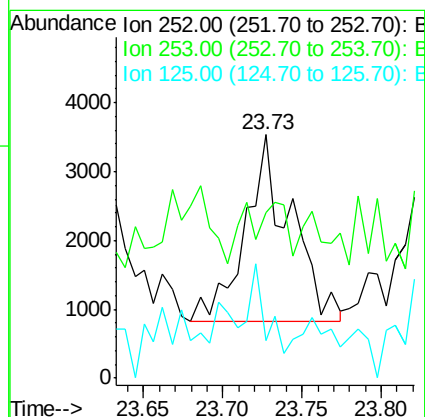
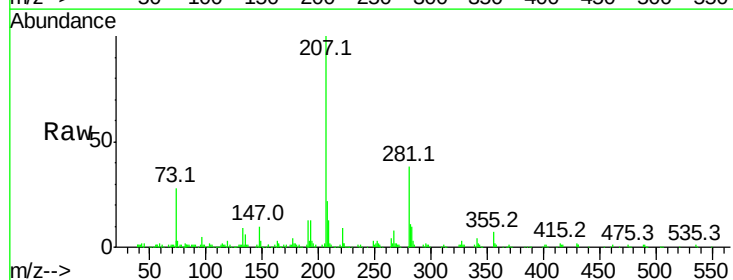
Instrument :
BNA_M
ClientSampleId :

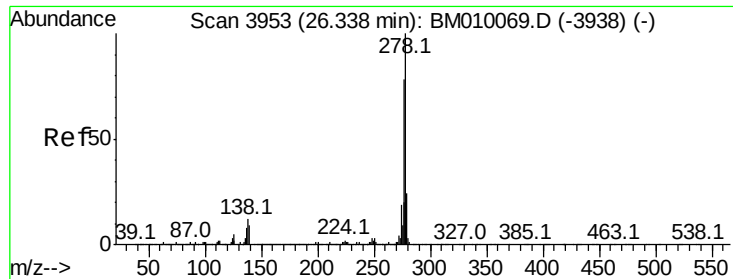
Tot Ion:252 Resp: 4407
Ion Ratio Lower Upper
252 100
253 77.0 17.2 25.8#
125 31.7 8.1 12.1#



#89
Benzo(a)pyrene
Concen: 0.09 ng
RT: 23.73 min Scan# 3509
Delta R.T. -0.06 min
Lab File: BM010253.D
Acq: 26 May 2017 12:47

Tgt Ion:252 Resp: 5404
Ion Ratio Lower Upper
252 100
253 67.9 17.6 26.4#
125 15.3 7.4 11.2#





#90

Dibenzo(a,h)anthracene

Concen: 0.03 ng

RT: 26.27 min Scan# 3942

Delta R.T. -0.06 min

Lab File: BM010253.D

Acq: 26 May 2017 12:47

Instrument :

BNA_M

ClientSampled :

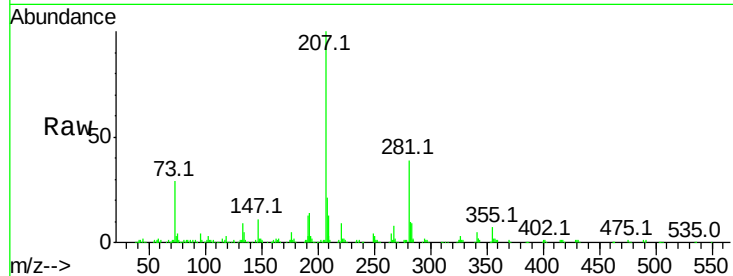
Tot Ion:278 Resp: 1670

Ion Ratio Lower Upper

278 100

139 0.0 13.4 20.0#

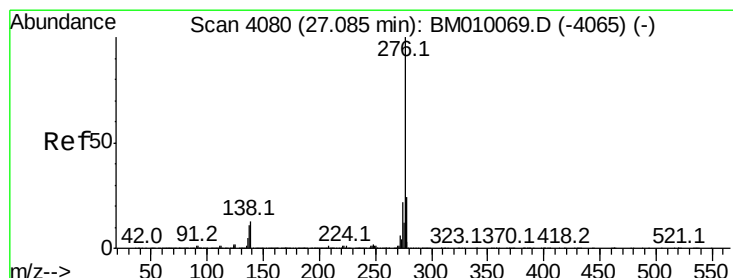
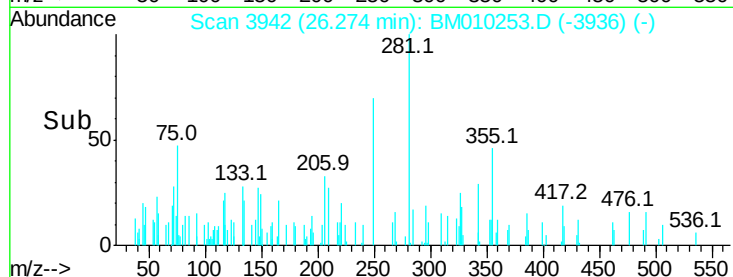
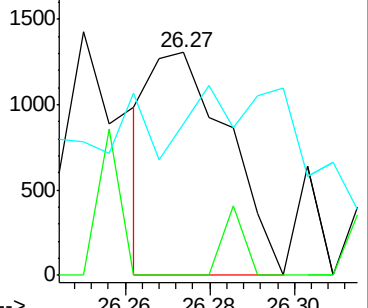
279 67.9 19.0 28.4#



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: 0.01 ng

RT: 27.04 min Scan# 4073

Delta R.T. -0.04 min

Lab File: BM010253.D

Acq: 26 May 2017 12:47

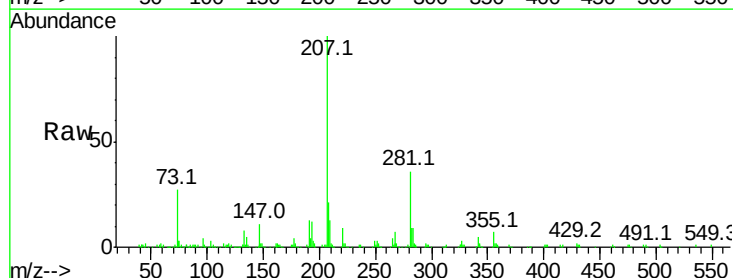
Tgt Ion:276 Resp: 325

Ion Ratio Lower Upper

276 100

277 0.0 18.5 27.7#

138 0.0 19.0 28.6#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

