

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052617\
 Data File : BM010259.D
 Acq On : 26 May 2017 16:23
 Operator : SJ/MA
 Sample : I3347-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 26 23:32:06 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	107960	20.00	ng	-0.04
21) Naphthalene-d8	10.75	136	348561	20.00	ng	-0.04
38) Acenaphthene-d10	14.57	164	210346	20.00	ng	-0.04
63) Phenanthrene-d10	17.32	188	524273	20.00	ng	-0.04
75) Chrysene-d12	21.48	240	832527	20.00	ng	-0.03
86) Perylene-d12	23.84	264	972199	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	807603	135.09	ng	-0.03
7) Phenol-d6	7.13	99	849019	110.37	ng	-0.04
23) Nitrobenzene-d5	9.13	82	715905	110.81	ng	-0.04
41) 2,4,6-Tribromophenol	16.06	330	484111	151.53	ng	-0.04
44) 2-Fluorobiphenyl	13.19	172	1817332	111.07	ng	-0.04
78) Terphenyl-d14	19.92	244	3180018	86.85	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	261	0.10	ng	# 100
3) Pyridine	3.88	79	243	0.03	ng	# 5
4) n-Nitrosodimethylamine	3.78	42	377	0.14	ng	# 1
9) Benzaldehyde	7.13	77	2674	0.56	ng	# 20
10) Phenol	7.15	94	233	0.03	ng	# 1
14) 1,2-Dichlorobenzene	8.29	146	1126	0.14	ng	# 64
15) Benzyl Alcohol	8.26	79	15989	2.75	ng	# 31
16) 2,2'-oxybis(1-Chloropropan	8.48	45	132	0.02	ng	# 66
18) Hexachloroethane	9.04	117	114	0.04	ng	# 3
22) Acetophenone	8.78	105	697	0.08	ng	# 52
24) Nitrobenzene	9.12	77	4093	0.61	ng	# 46
25) Isophorone	9.65	82	138	0.01	ng	# 62
31) Naphthalene	10.79	128	24763	1.33	ng	# 95
37) 2-Methylnaphthalene	12.39	142	25645	1.91	ng	# 82
45) 1,1'-Biphenyl	13.41	154	3389	0.20	ng	# 86
48) Acenaphthylene	14.30	152	122	0.01	ng	# 61
51) Acenaphthene	14.64	154	2184	0.17	ng	# 93
54) Dibenzofuran	14.97	168	1146	0.06	ng	# 89
55) 4-Nitrophenol	14.98	139	357	0.13	ng	# 18
57) Fluorene	15.62	166	2422	0.14	ng	# 81
59) Diethylphthalate	15.38	149	237	0.01	ng	# 58
62) Azobenzene	15.88	77	123	0.01	ng	# 50
70) Phenanthrene	17.36	178	5468	0.19	ng	# 97
71) Anthracene	17.45	178	674	0.02	ng	# 61
72) Carbazole	17.75	167	132	0.01	ng	# 59
73) Di-n-butylphthalate	18.26	149	1982	0.06	ng	# 78
74) Fluoranthene	19.37	202	1620	0.04	ng	# 66
77) Pyrene	19.74	202	875	0.02	ng	# 57
79) Butylbenzylphthalate	20.60	149	790	0.05	ng	# 52
80) Benzo(a)anthracene	21.47	228	4175	0.09	ng	# 93
81) 3,3'-Dichlorobenzidine	21.42	252	1147	0.06	ng	# 26
82) Chrysene	21.47	228	4175	0.10	ng	# 97
83) Bis(2-ethylhexyl)phthalate	21.34	149	1830	0.07	ng	# 87
84) Di-n-octyl phthalate	22.25	149	849	0.02	ng	# 59

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052617\
Data File : BM010259.D
Acq On : 26 May 2017 16:23
Operator : SJ/MA
Sample : I3347-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: May 26 23:32:06 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

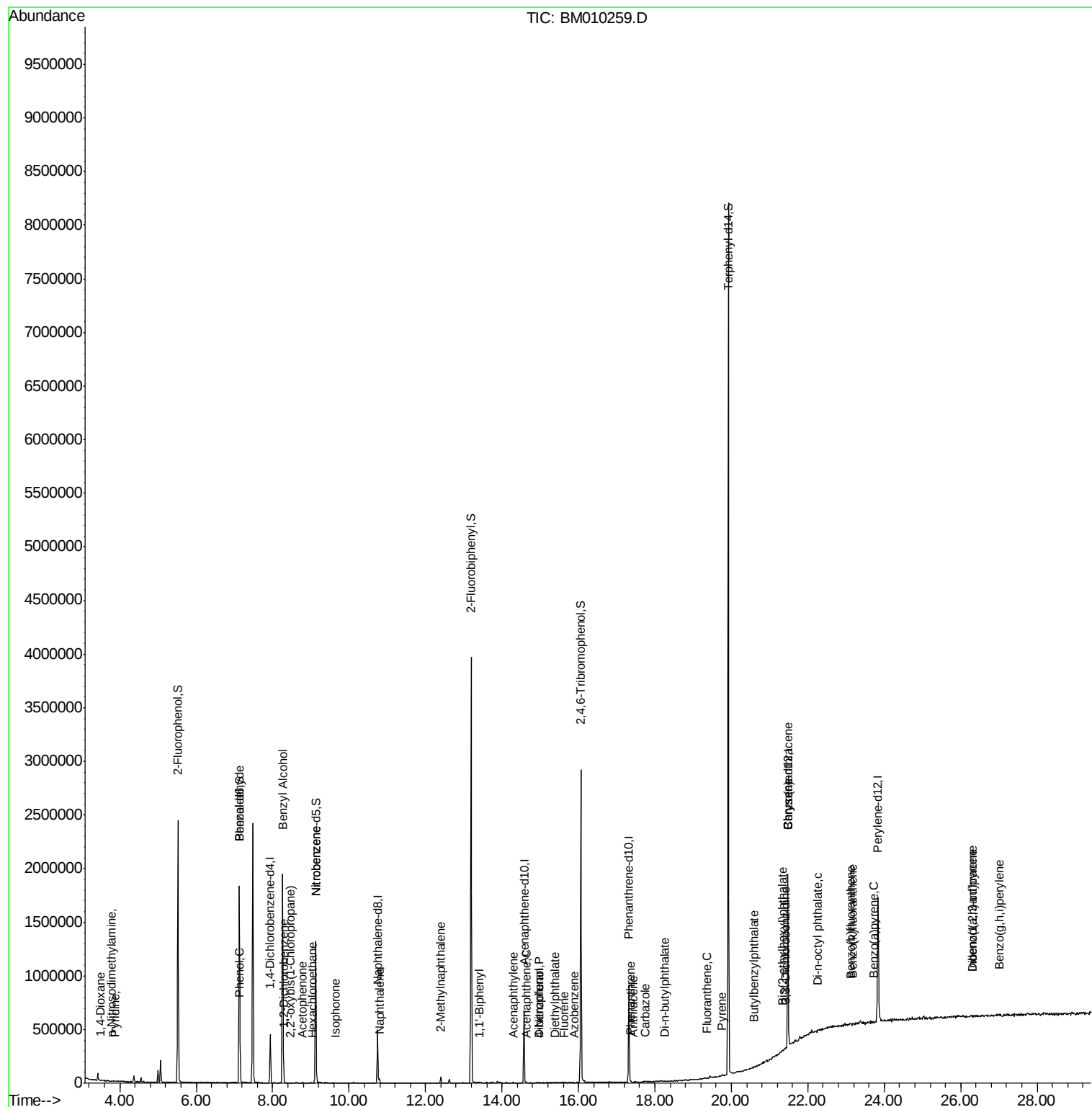
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) Indeno(1,2,3-cd)pyrene	26.30	276	122	0.00	nq	# 100
87) Benzo(b)fluoranthene	23.12	252	1283	0.02	nq	# 1
88) Benzo(k)fluoranthene	23.17	252	2354	0.04	nq	# 1
89) Benzo(a)pyrene	23.74	252	594	0.01	nq	# 1
90) Dibenzo(a,h)anthracene	26.30	278	1629	0.03	nq	# 6
91) Benzo(a,h,i)perylene	27.00	276	198	0.00	nq	# 52

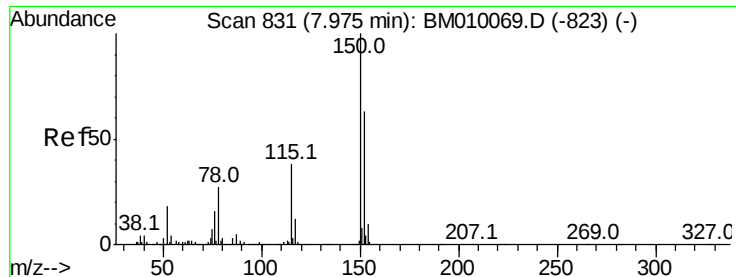
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052617\
Data File : BM010259.D
Acq On : 26 May 2017 16:23
Operator : SJ/MA
Sample : I3347-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: May 26 23:32:06 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: 7.94 min Scan# 825

Delta R.T. -0.04 min

Lab File: BM010259.D

Acq: 26 May 2017 16:23

Instrument :

BNA_M

ClientSampleId :

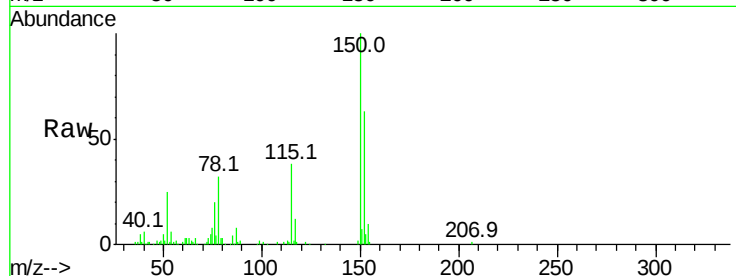
Tot Ion:152 Resp: 107960

Ion Ratio Lower Upper

152 100

150 158.9 119.5 179.3

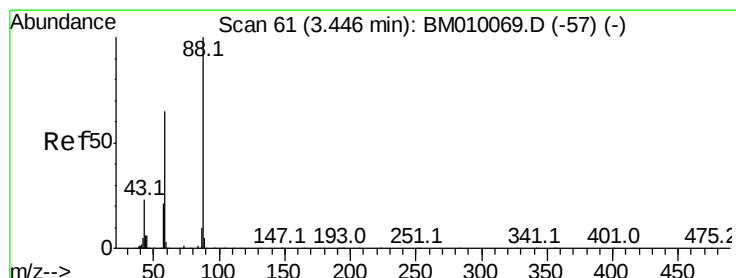
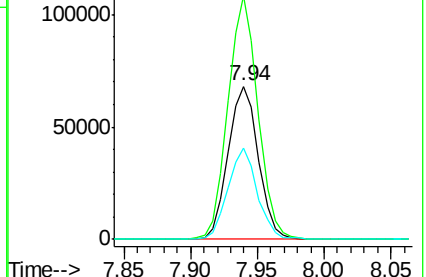
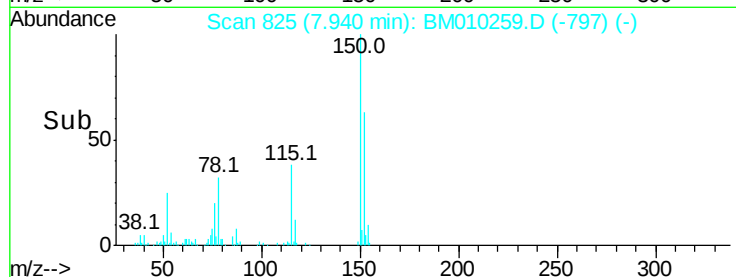
115 59.7 43.0 64.4



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: 0.10 ng

RT: 3.49 min Scan# 69

Delta R.T. 0.05 min

Lab File: BM010259.D

Acq: 26 May 2017 16:23

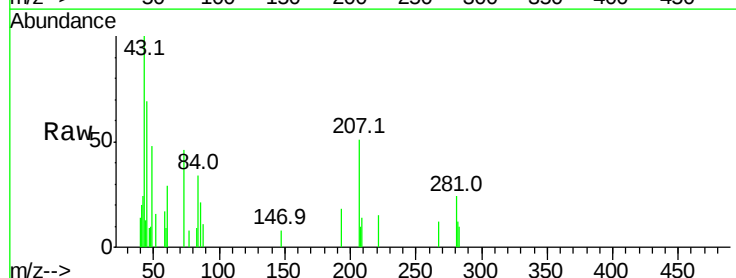
Tgt Ion: 88 Resp: 261

Ion Ratio Lower Upper

88 100

58 305.4 0.0 0.0#

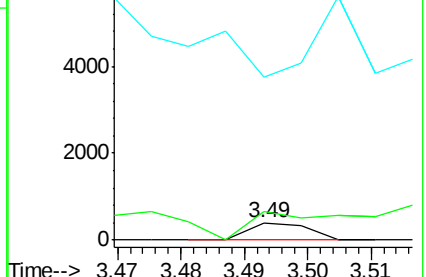
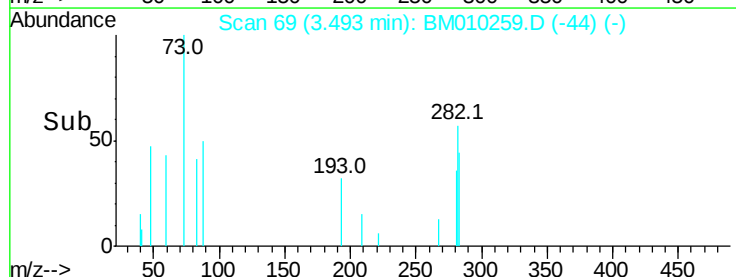
43 0.0 0.0 0.0

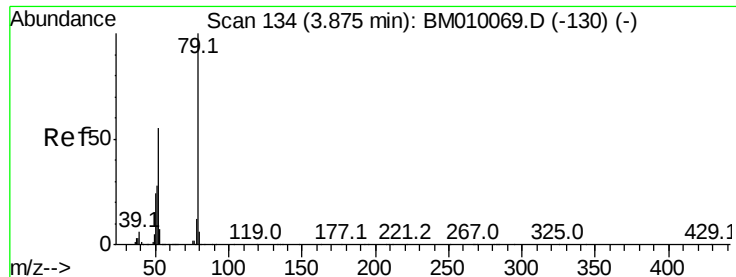


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 0.03 ng

RT: 3.88 min Scan# 135

Delta R.T. 0.01 min

Lab File: BM010259.D

Acq: 26 May 2017 16:23

Instrument :

BNA_M

ClientSampleId :

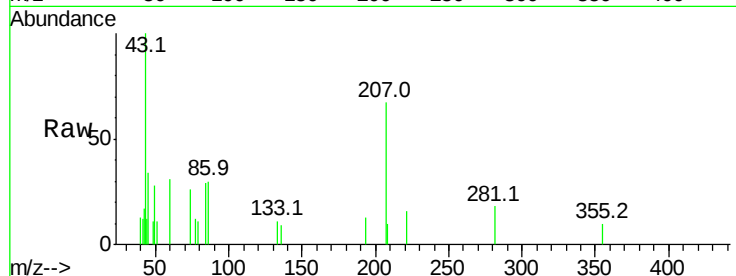
Tot Ion: 79 Resp: 243

Ion Ratio Lower Upper

79 100

52 0.0 51.1 76.7#

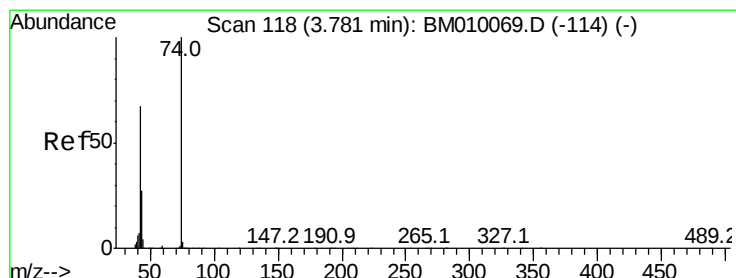
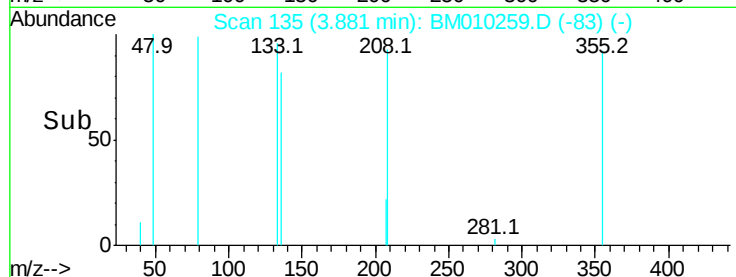
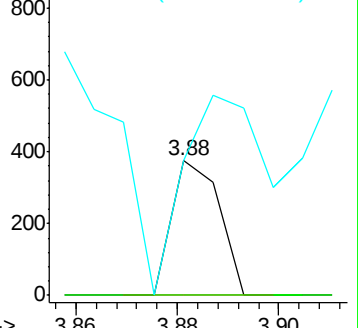
51 100.0 26.1 39.1#



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: 0.14 ng

RT: 3.78 min Scan# 118

Delta R.T. 0.00 min

Lab File: BM010259.D

Acq: 26 May 2017 16:23

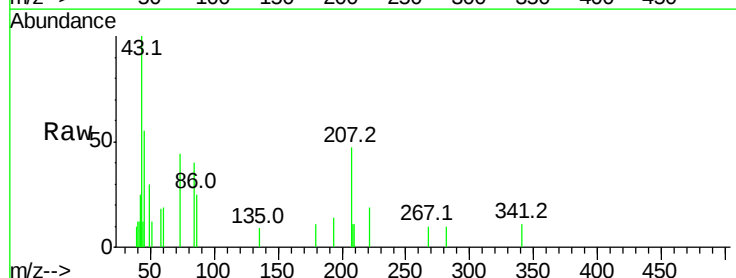
Tgt Ion: 42 Resp: 377

Ion Ratio Lower Upper

42 100

74 0.0 119.3 178.9#

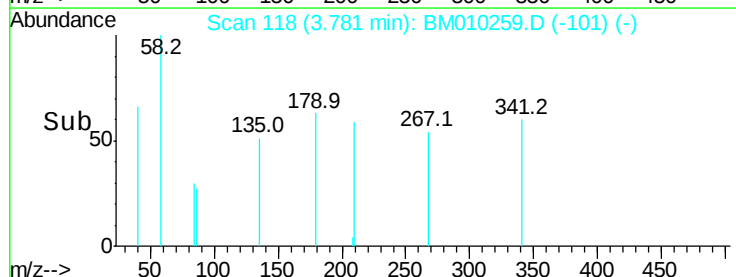
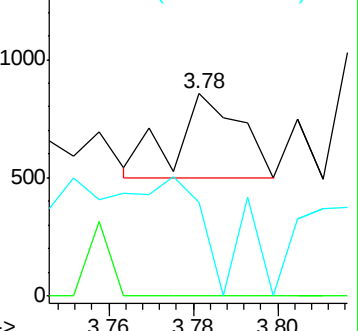
44 46.7 5.4 8.2#

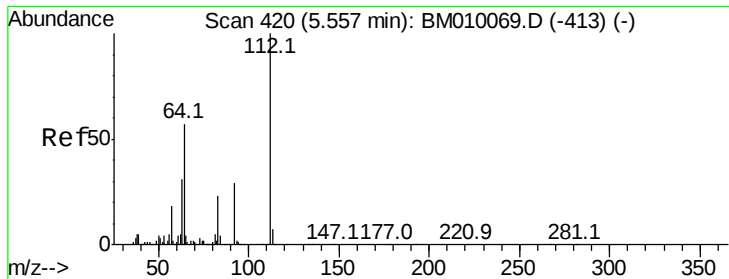


Abundance Ion 42.00 (41.70 to 42.70): BM010069.D (-114) (-)

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: 135.09 ng

RT: 5.52 min Scan# 414

Delta R.T. -0.03 min

Lab File: BM010259.D

Acq: 26 May 2017 16:23

Instrument :

BNA_M

ClientSampleId :

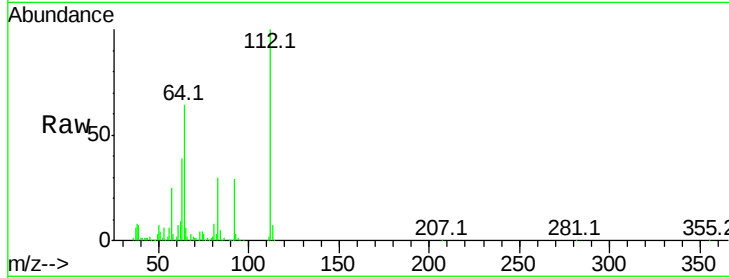
Tot Ion:112 Resp: 807603

Ion Ratio Lower Upper

112 100

64 64.1 38.6 57.8#

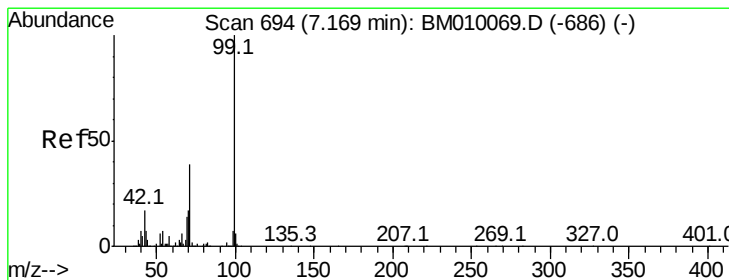
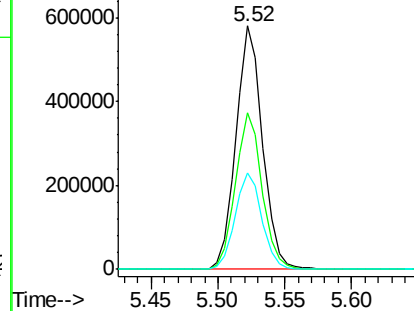
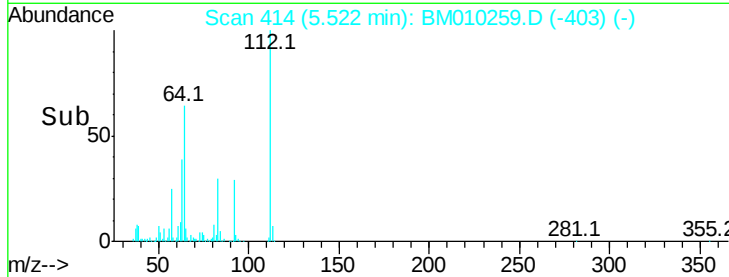
63 39.4 19.3 28.9#



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



#7

Phenol-d6

Concen: 110.37 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.04 min

Lab File: BM010259.D

Acq: 26 May 2017 16:23

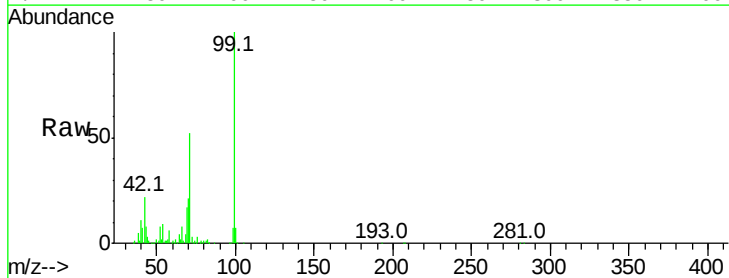
Tgt Ion: 99 Resp: 849019

Ion Ratio Lower Upper

99 100

42 22.1 11.0 16.4#

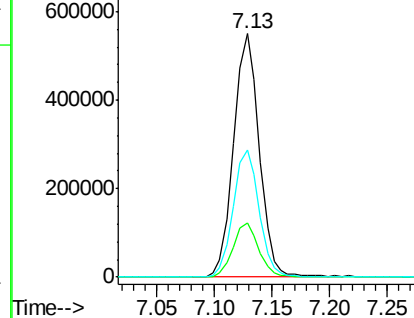
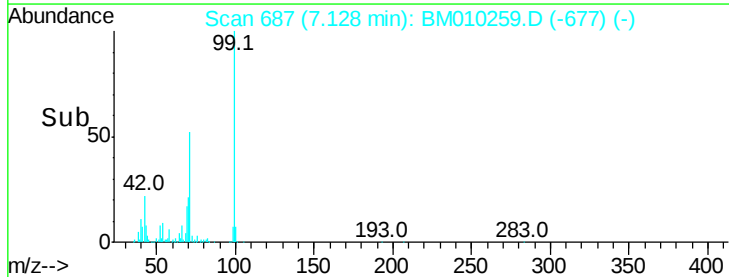
71 52.2 23.4 35.2#

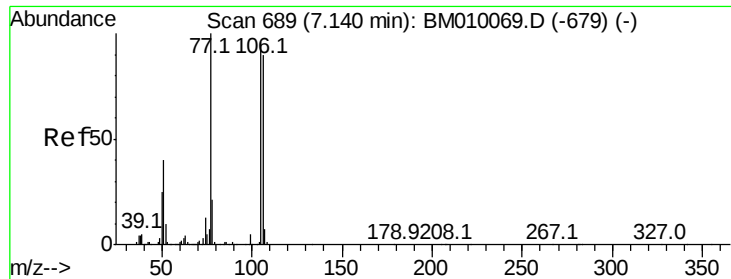


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B

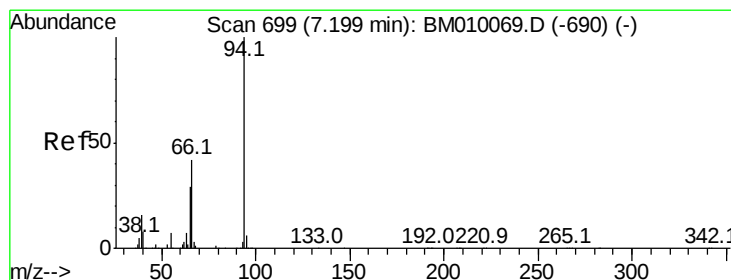
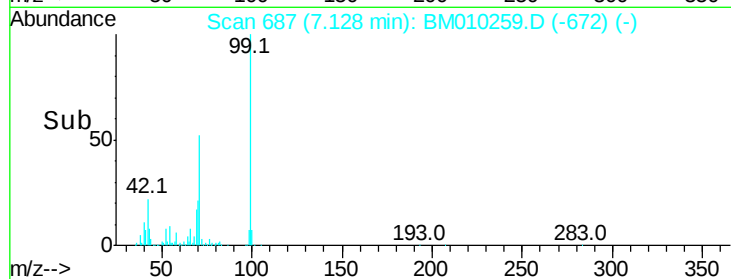
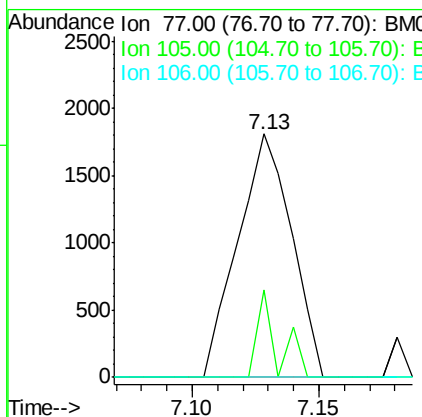
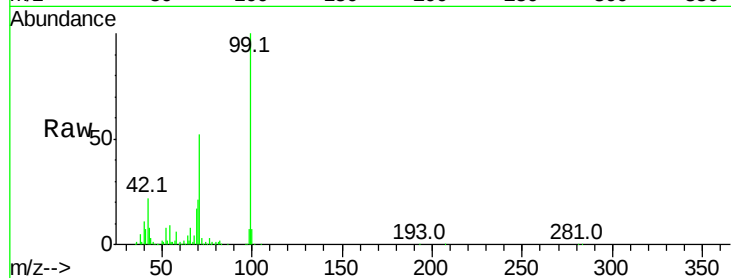




#9
Benzaldehyde
Concen: 0.56 ng
RT: 7.13 min Scan# 687
Delta R.T. -0.01 min
Lab File: BM010259.D
Acq: 26 May 2017 16:23

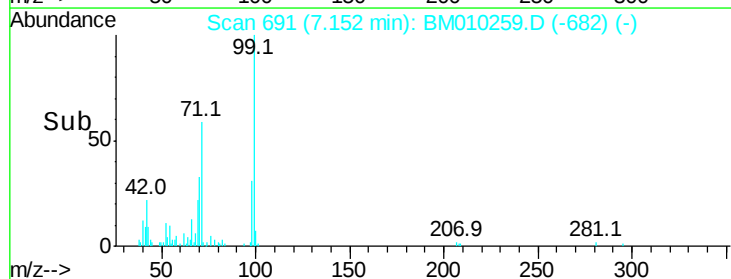
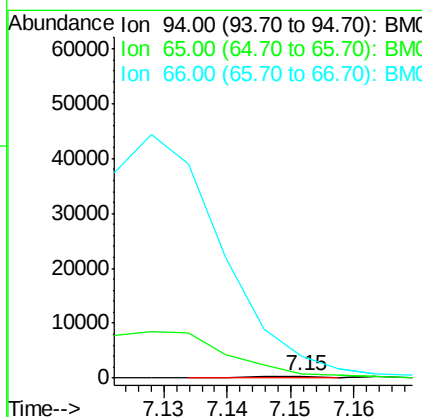
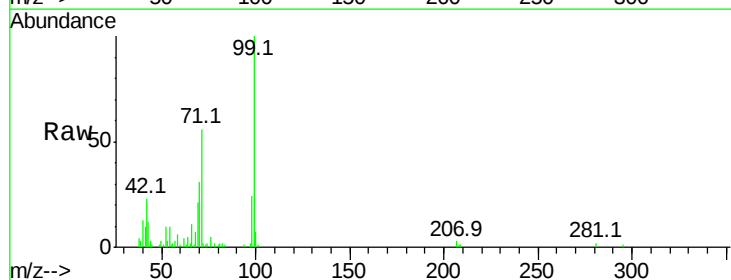
Instrument :
BNA_M
ClientSampled :

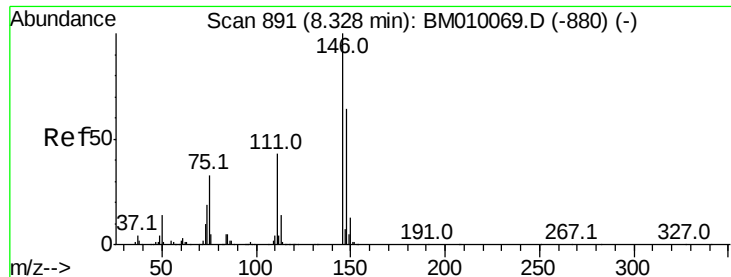
Tot Ion: 77 Resp: 2674
Ion Ratio Lower Upper
77 100
105 35.7 78.8 118.8#
106 0.0 73.7 113.7#



#10
Phenol
Concen: 0.03 ng
RT: 7.15 min Scan# 691
Delta R.T. -0.05 min
Lab File: BM010259.D
Acq: 26 May 2017 16:23

Tgt Ion: 94 Resp: 233
Ion Ratio Lower Upper
94 100
65 233.6 18.8 58.8#
66 1152.0 39.9 79.9#





#14

1,2-Dichlorobenzene

Concen: 0.14 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.04 min

Lab File: BM010259.D

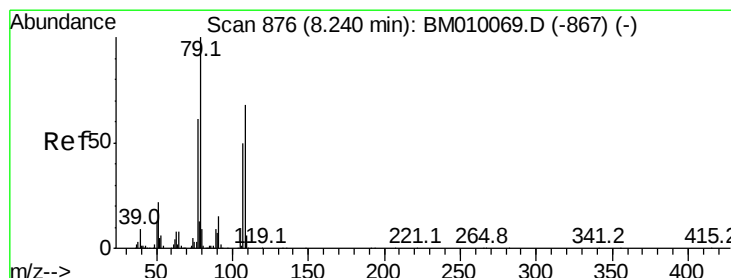
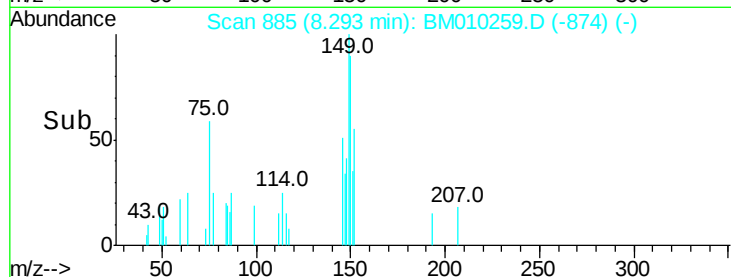
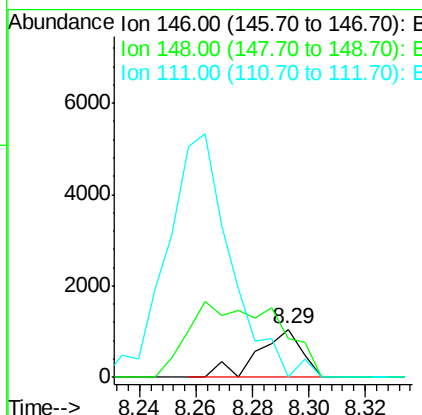
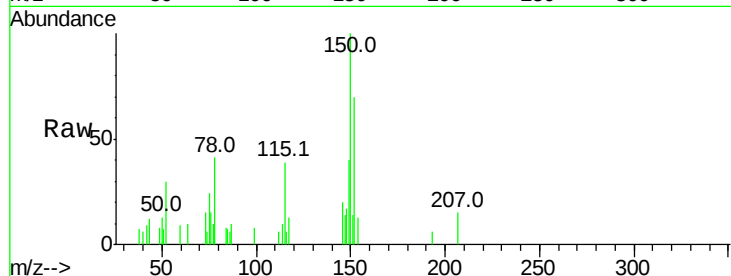
Acq: 26 May 2017 16:23

Instrument :

BNA_M

ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	81.3	52.3	78.5#
111	0.0	30.6	45.8#



#15

Benzyl Alcohol

Concen: 2.75 ng

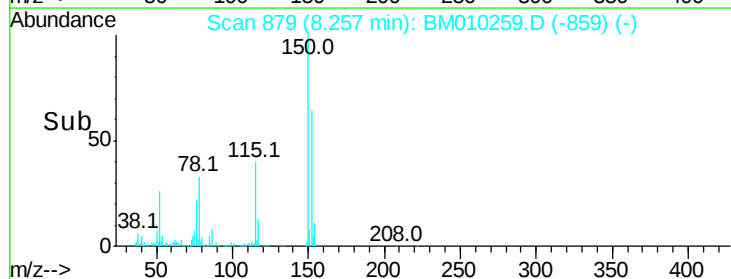
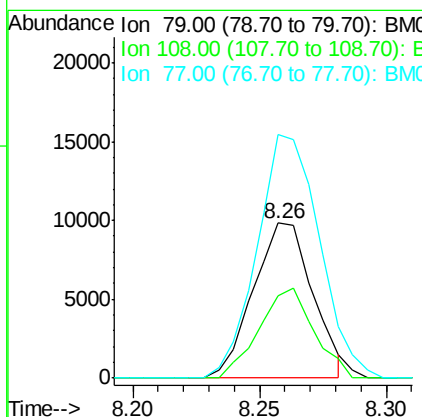
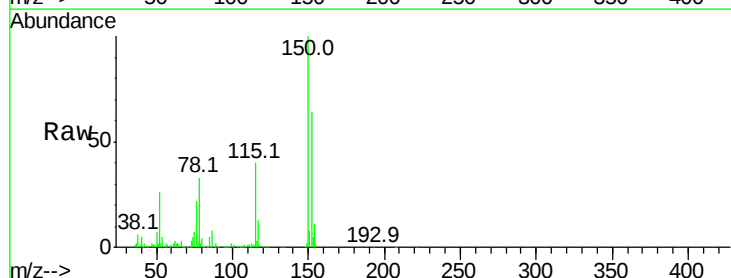
RT: 8.26 min Scan# 879

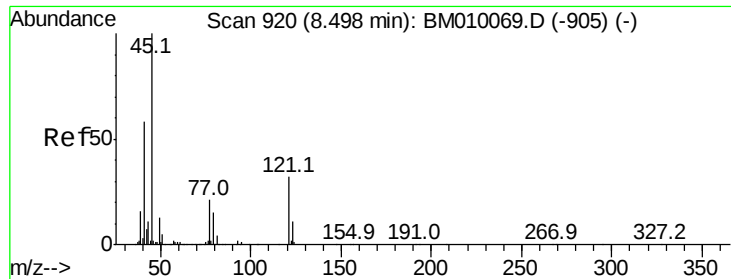
Delta R.T. 0.02 min

Lab File: BM010259.D

Acq: 26 May 2017 16:23

Tgt Ion	Ratio	Lower	Upper
79	100		
108	52.8	65.0	97.4#
77	157.3	53.0	79.6#

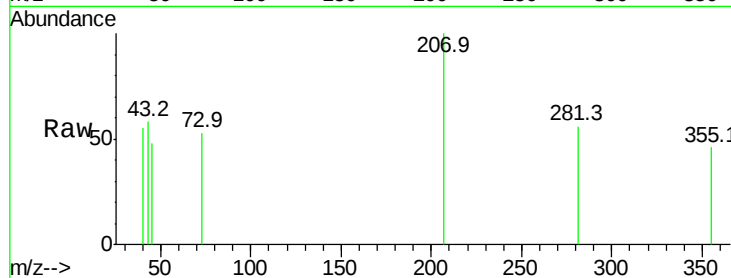




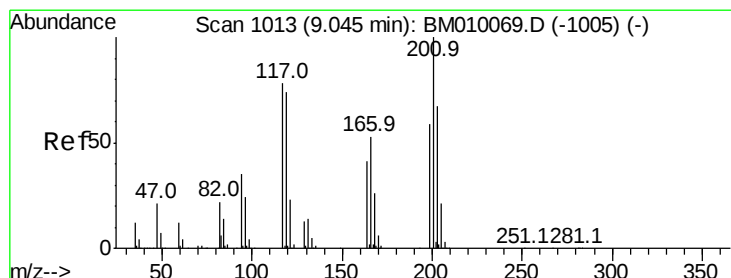
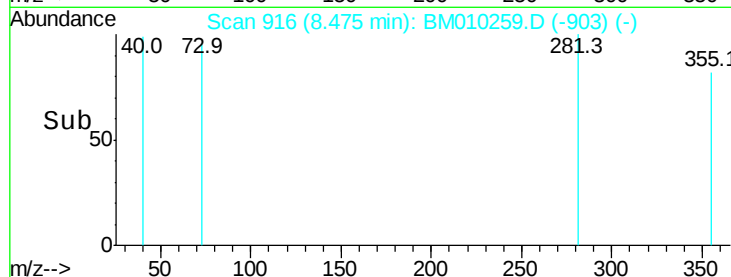
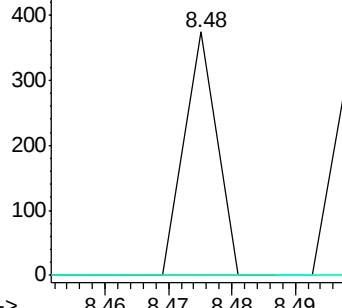
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.02 ng
RT: 8.48 min Scan# 916
Delta R.T. -0.02 min
Lab File: BM010259.D
Acq: 26 May 2017 16:23

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 45 Resp: 132
Ion Ratio Lower Upper
45 100
77 0.0 0.0 35.2
79 0.0 0.0 32.0

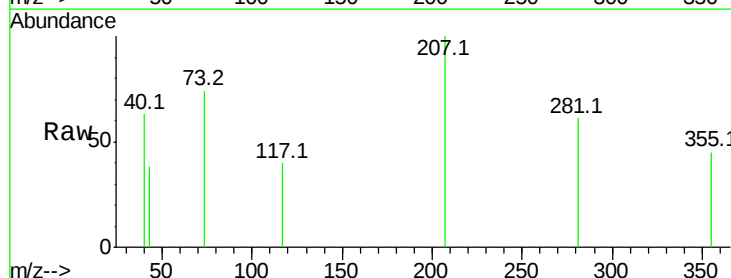


Abundance Ion 45.00 (44.70 to 45.70): BM0
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

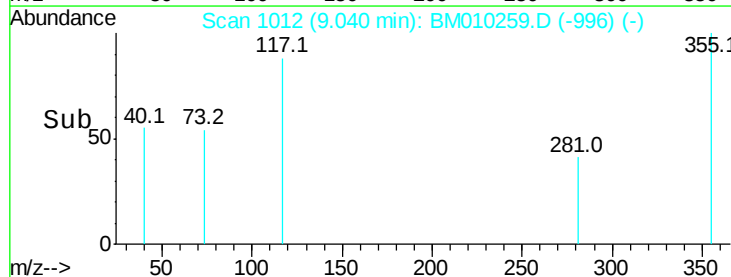
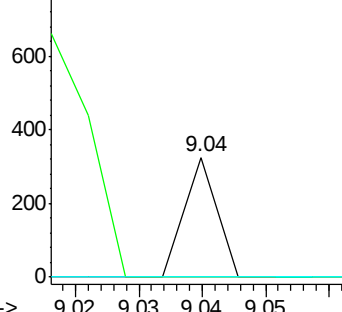


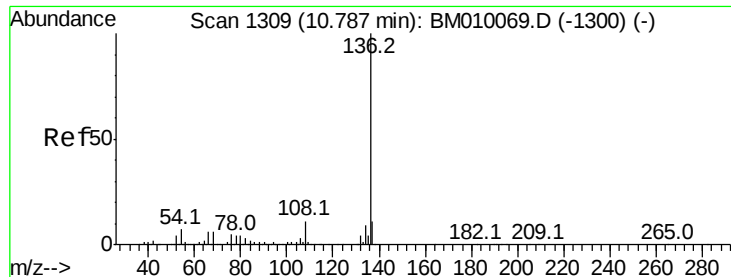
#18
Hexachloroethane
Concen: 0.04 ng
RT: 9.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BM010259.D
Acq: 26 May 2017 16:23

Tgt Ion: 117 Resp: 114
Ion Ratio Lower Upper
117 100
119 0.0 79.2 118.8#
201 0.0 69.8 104.6#



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

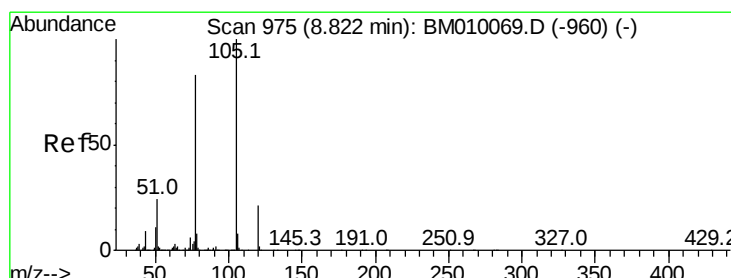
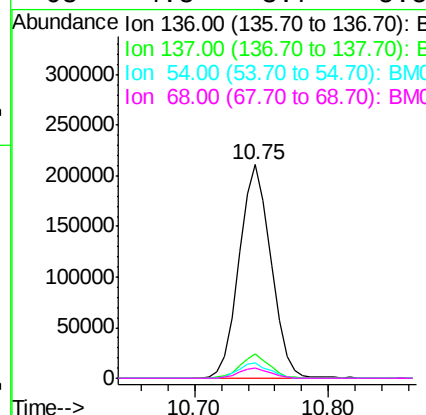
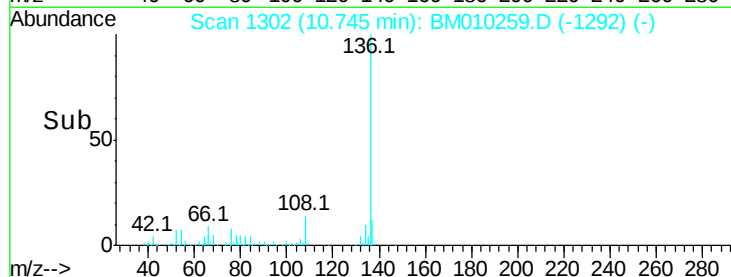
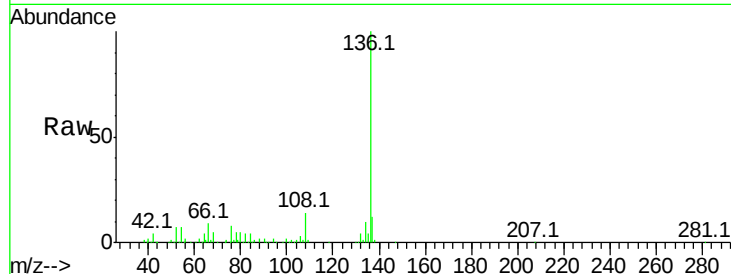




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.75 min Scan# 1302
Delta R.T. -0.04 min
Lab File: BM010259.D
Acq: 26 May 2017 16:23

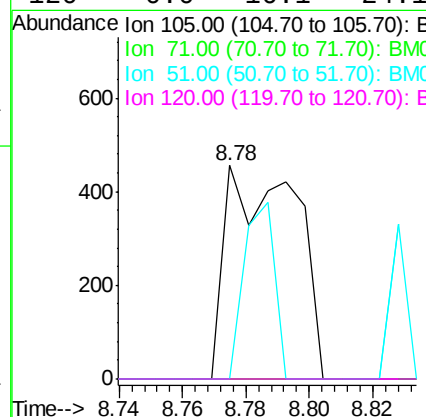
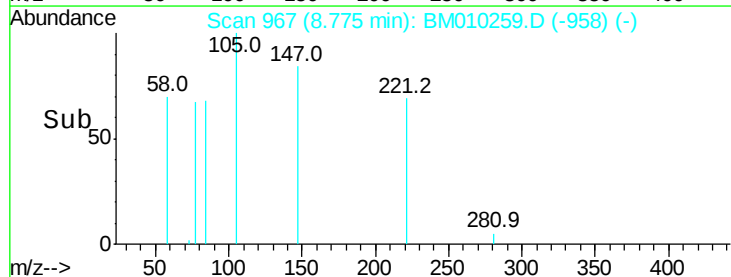
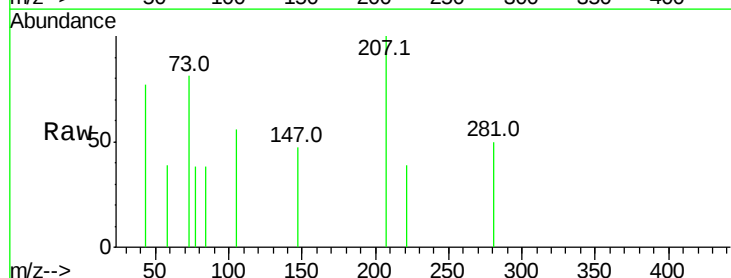
Instrument :
BNA_M
ClientSampleId :

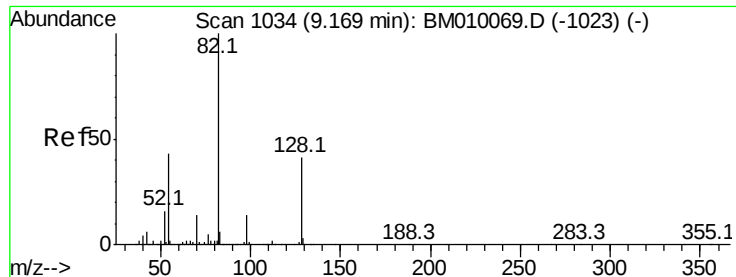
Tot Ion:	136	Resp:	348561
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	7.2	4.6	6.8#
68	4.8	3.7	5.5



#22
Acetophenone
Concen: 0.08 ng
RT: 8.78 min Scan# 967
Delta R.T. -0.05 min
Lab File: BM010259.D
Acq: 26 May 2017 16:23

Tgt Ion:	105	Resp:	697
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.6	1.0#
51	0.0	21.6	32.4#
120	0.0	16.1	24.1#

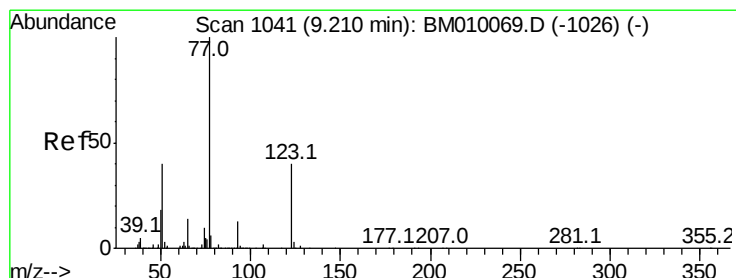
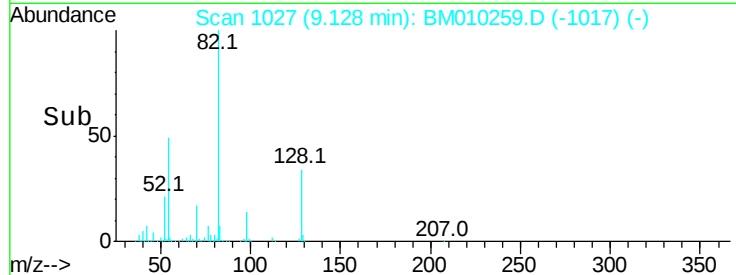
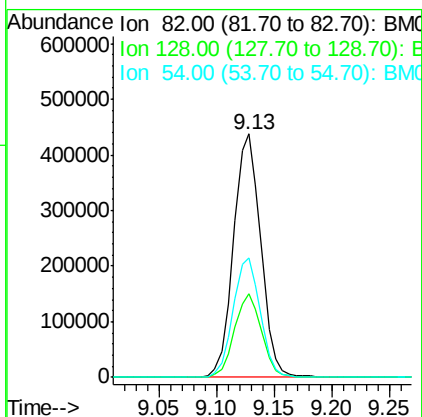
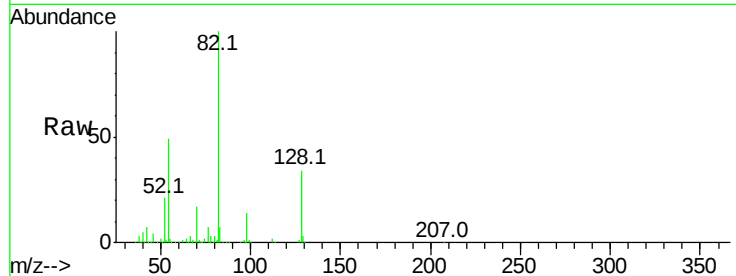




#23
 Nitrobenzene-d5
 Concen: 110.81 ng
 RT: 9.13 min Scan# 1027
 Delta R.T. -0.04 min
 Lab File: BM010259.D
 Acq: 26 May 2017 16:23

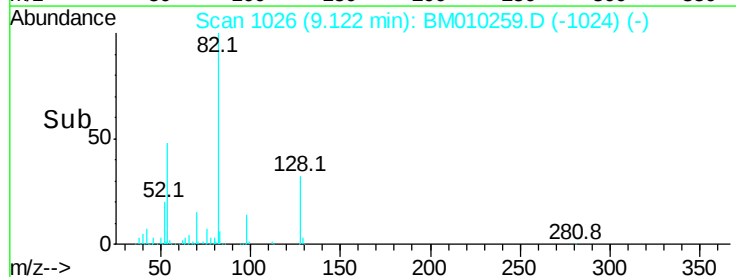
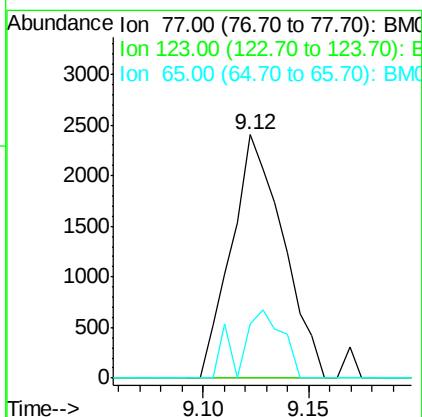
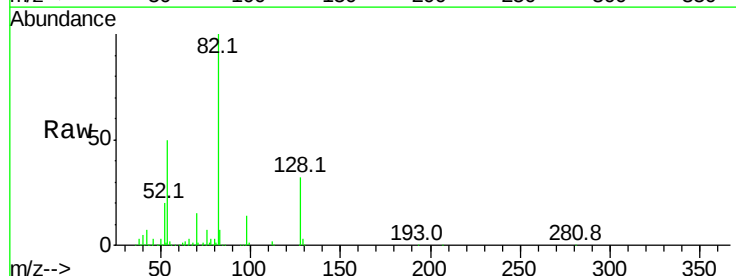
Instrument :
 BNA_M
 ClientSampled :

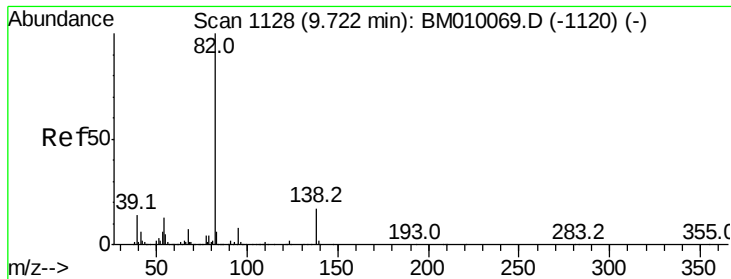
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.2	32.8	49.2
54	49.2	40.6	60.8



#24
 Nitrobenzene
 Concen: 0.61 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. -0.09 min
 Lab File: BM010259.D
 Acq: 26 May 2017 16:23

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	32.6	49.0#
65	22.3	10.9	16.3#





#25

Isophorone

Concen: 0.01 ng

RT: 9.65 min Scan# 1116

Delta R.T. -0.07 min

Lab File: BM010259.D

Acq: 26 May 2017 16:23

Instrument :

BNA_M

ClientSampled :

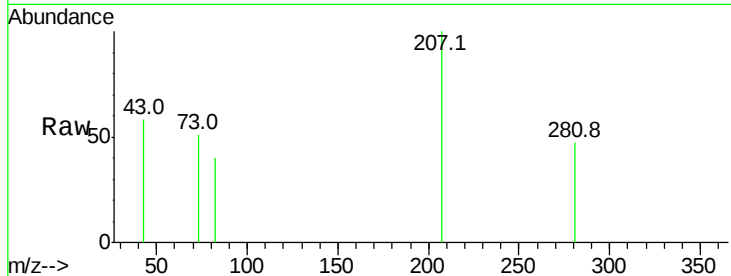
Tot Ion: 82 Resp: 138

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

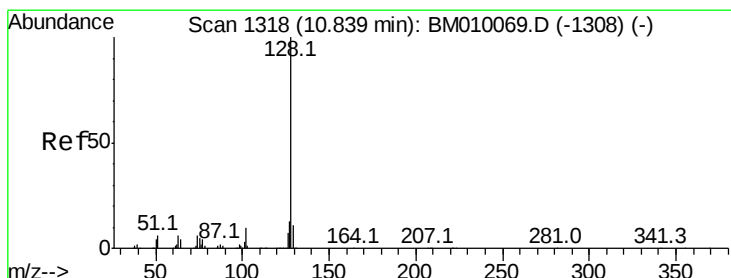
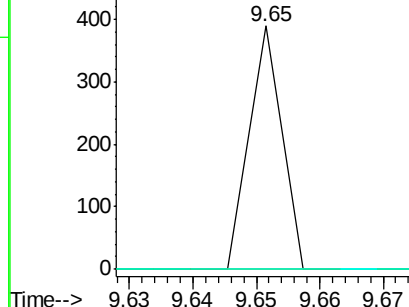
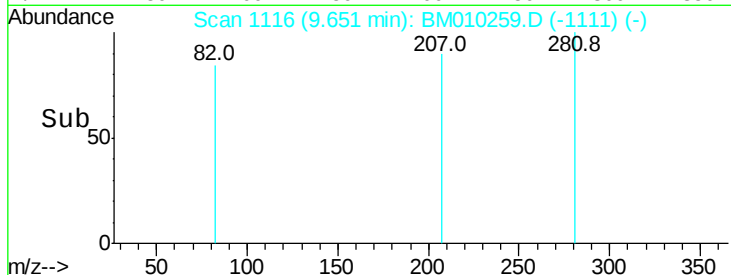
138 0.0 16.3 24.5#



Abundance Ion 82.00 (81.70 to 82.70): BM010069.D (-1120) (-)

Ion 95.00 (94.70 to 95.70): BM010069.D (-1120) (-)

Ion 138.00 (137.70 to 138.70): BM010069.D (-1120) (-)



#31

Naphthalene

Concen: 1.33 ng

RT: 10.79 min Scan# 1310

Delta R.T. -0.05 min

Lab File: BM010259.D

Acq: 26 May 2017 16:23

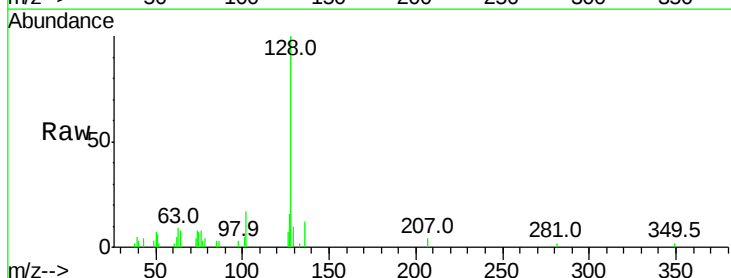
Tgt Ion: 128 Resp: 24763

Ion Ratio Lower Upper

128 100

129 9.8 8.9 13.3

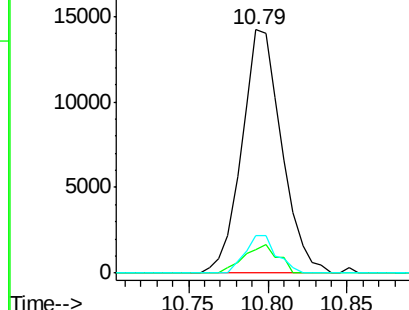
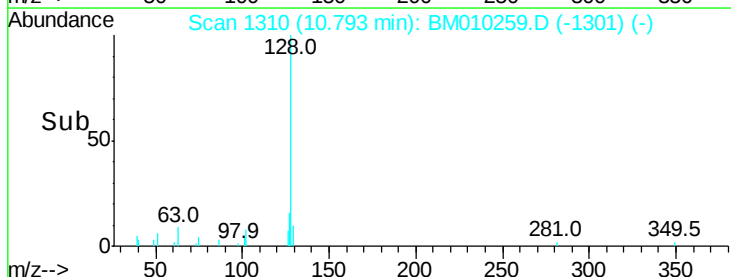
127 15.6 10.4 15.6#

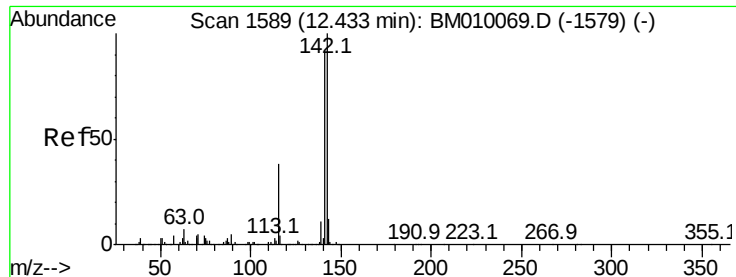


Abundance Ion 128.00 (127.70 to 128.70): BM010069.D (-1308) (-)

Ion 129.00 (128.70 to 129.70): BM010069.D (-1308) (-)

Ion 127.00 (126.70 to 127.70): BM010069.D (-1308) (-)

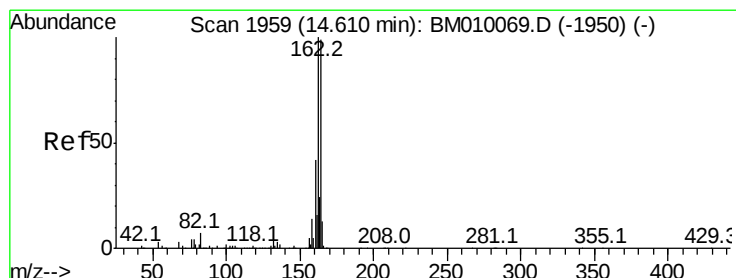
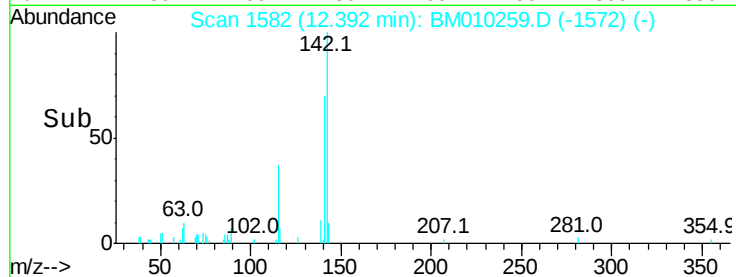
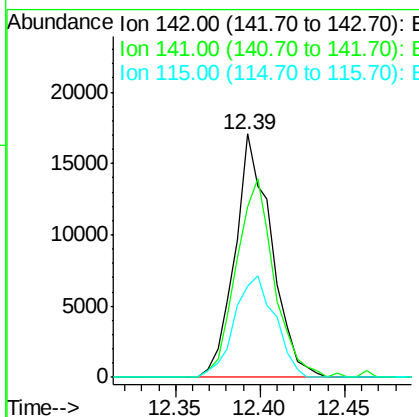
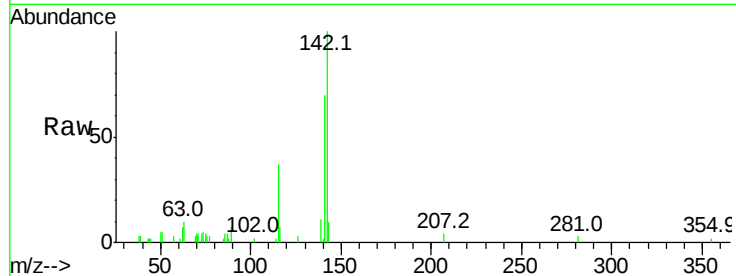




#37
2-Methylnaphthalene
Concen: 1.91 ng
RT: 12.39 min Scan# 1582
Delta R.T. -0.04 min
Lab File: BM010259.D
Acq: 26 May 2017 16:23

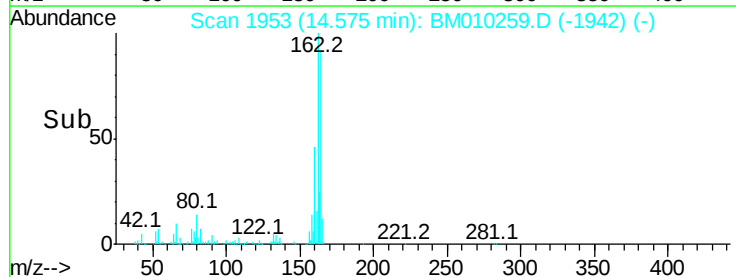
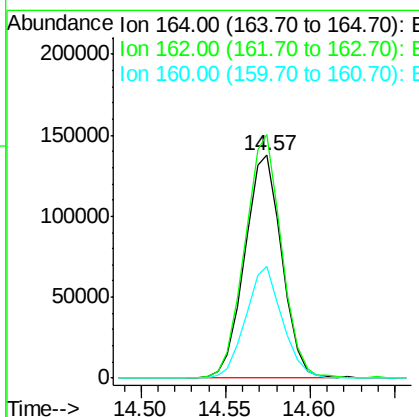
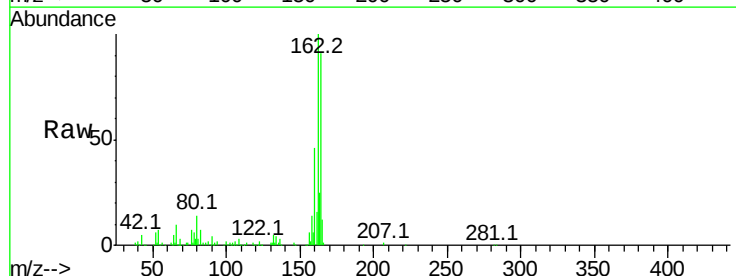
Instrument :
BNA_M
ClientSampleId :

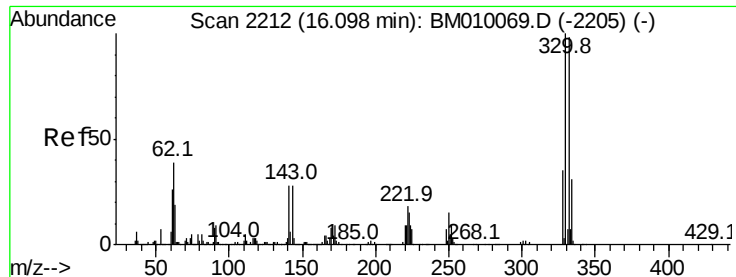
Tot Ion	Ratio	Lower	Upper
142	100		
141	70.3	71.9	107.9#
115	37.3	25.4	38.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.57 min Scan# 1953
Delta R.T. -0.04 min
Lab File: BM010259.D
Acq: 26 May 2017 16:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	109.4	82.4	123.6
160	50.0	35.8	53.6

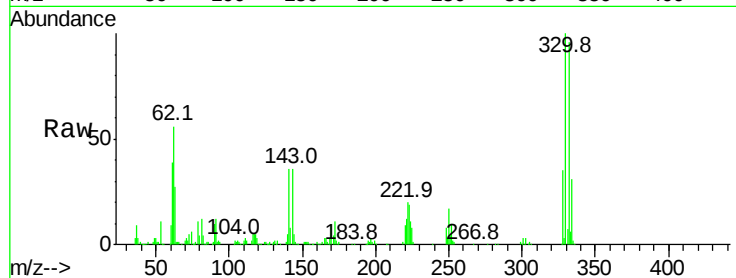




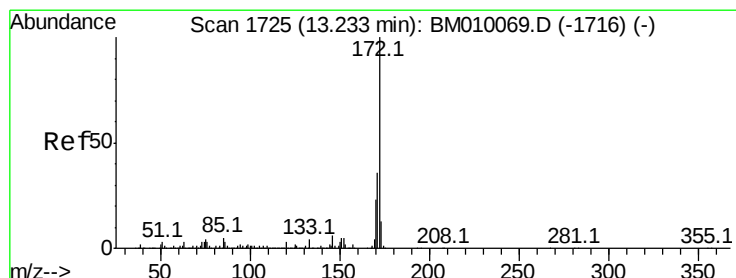
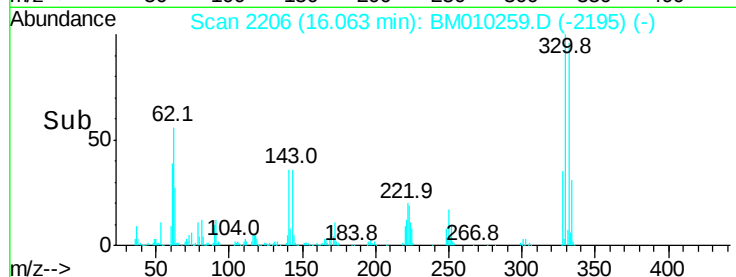
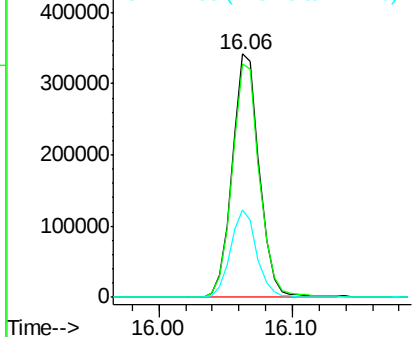
#41
2,4,6-Tribromophenol
Concen: 151.53 ng
RT: 16.06 min Scan# 2206
Delta R.T. -0.04 min
Lab File: BM010259.D
Acq: 26 May 2017 16:23

Instrument :
BNA_M
ClientSampleId :

Tot Ion:330 Resp: 484111
Ion Ratio Lower Upper
330 100
332 96.8 0.0 0.0#
141 35.1 0.0 0.0#

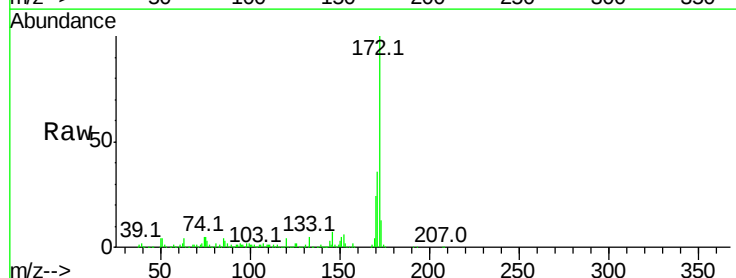


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

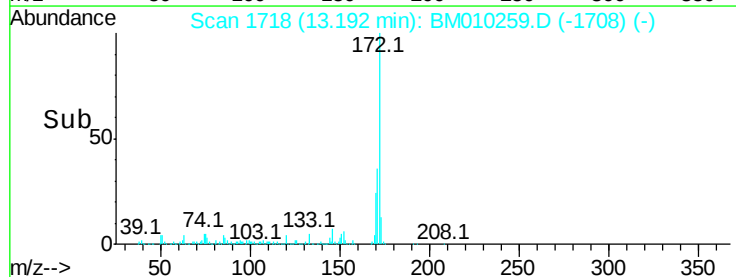
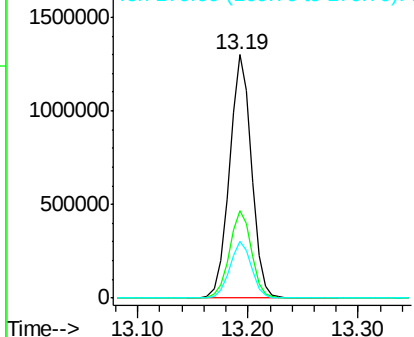


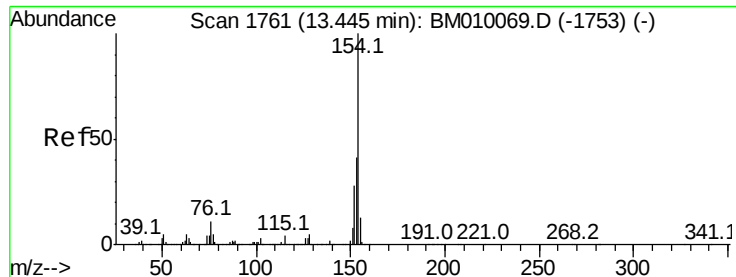
#44
2-Fluorobiphenyl
Concen: 111.07 ng
RT: 13.19 min Scan# 1718
Delta R.T. -0.04 min
Lab File: BM010259.D
Acq: 26 May 2017 16:23

Tgt Ion:172 Resp: 1817332
Ion Ratio Lower Upper
172 100
171 36.2 28.5 42.7
170 23.6 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





#45

1,1'-Biphenyl

Concen: 0.20 ng

RT: 13.41 min Scan# 1755

Delta R.T. -0.04 min

Lab File: BM010259.D

Acq: 26 May 2017 16:23

Instrument :

BNA_M

ClientSampleId :

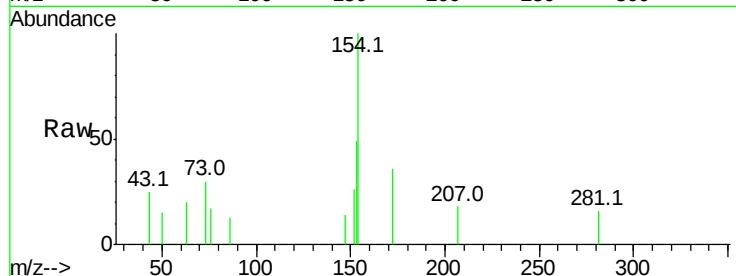
Tot Ion:154 Resp: 3389

Ion Ratio Lower Upper

154 100

153 49.3 20.7 60.7

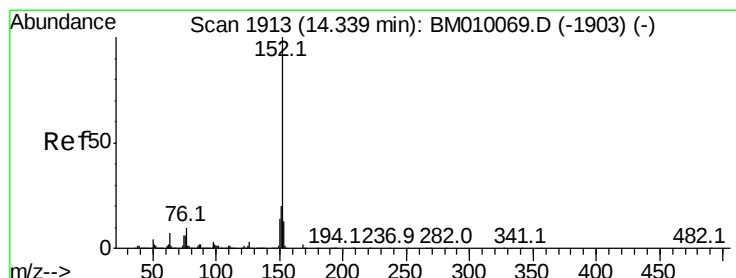
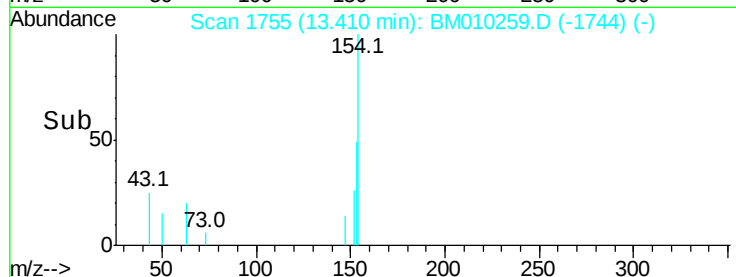
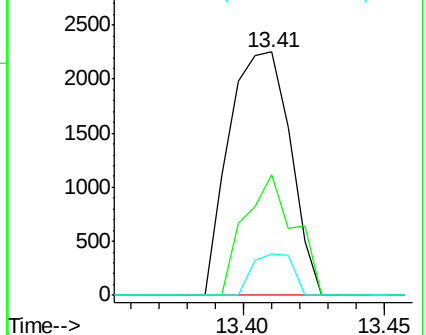
76 17.2 0.0 30.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#48

Acenaphthylene

Concen: 0.01 ng

RT: 14.30 min Scan# 1906

Delta R.T. -0.04 min

Lab File: BM010259.D

Acq: 26 May 2017 16:23

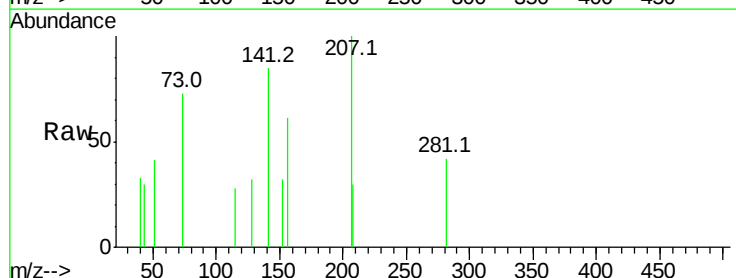
Tgt Ion:152 Resp: 122

Ion Ratio Lower Upper

152 100

151 0.0 15.9 23.9#

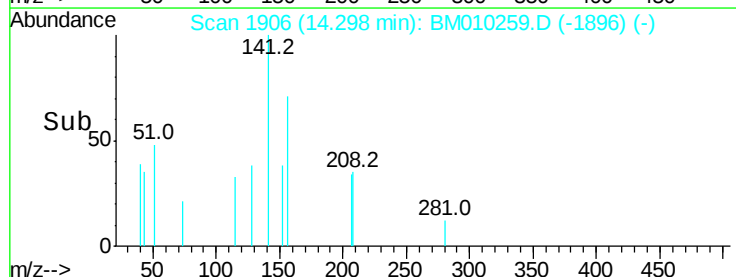
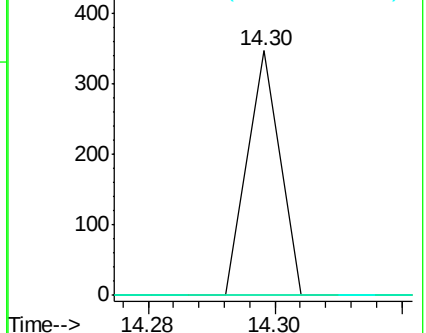
153 0.0 10.6 16.0#

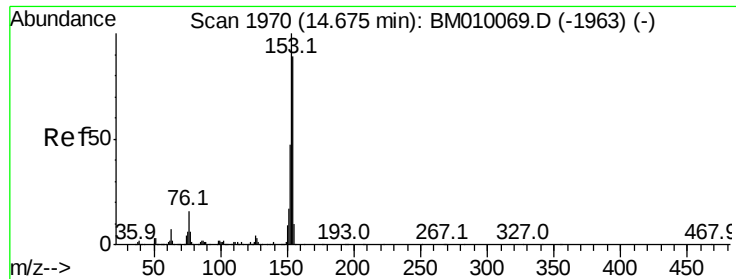


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#51

Acenaphthene

Concen: 0.17 ng

RT: 14.64 min Scan# 1964

Delta R.T. -0.04 min

Lab File: BM010259.D

Acq: 26 May 2017 16:23

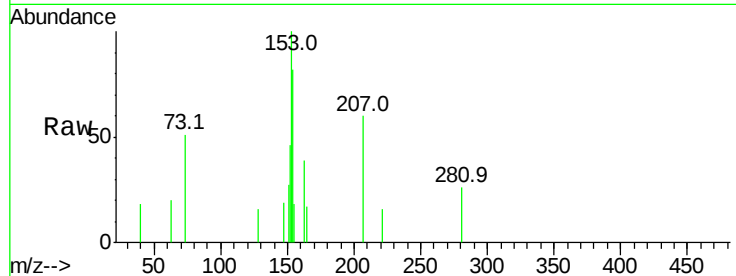
Instrument :

BNA_M

ClientSampleId :

Tot Ion:154 Resp: 2184

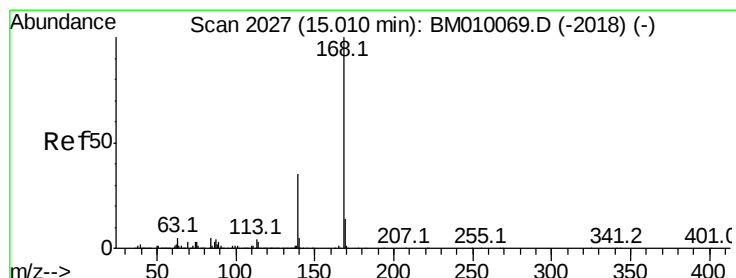
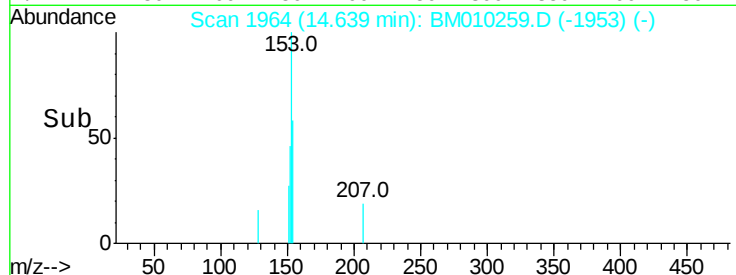
Ion	Ratio	Lower	Upper
154	100		
153	121.4	90.0	135.0
152	56.2	42.6	63.8



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



#54

Dibenzofuran

Concen: 0.06 ng

RT: 14.97 min Scan# 2021

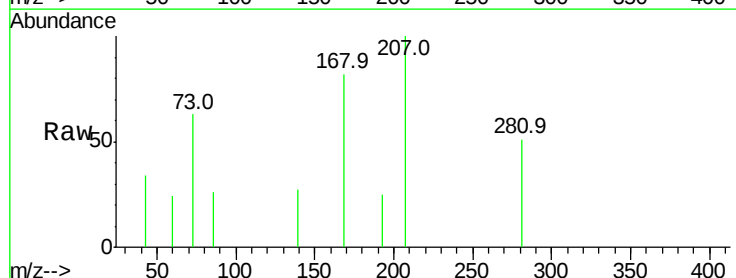
Delta R.T. -0.04 min

Lab File: BM010259.D

Acq: 26 May 2017 16:23

Tgt Ion:168 Resp: 1146

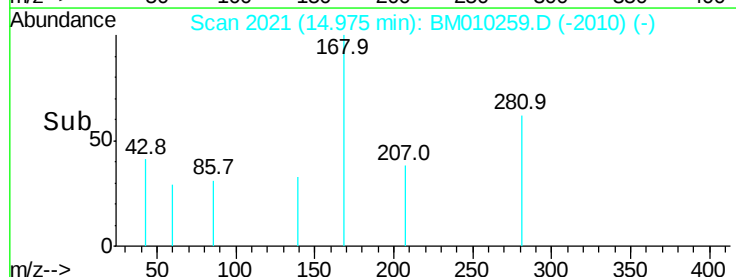
Ion	Ratio	Lower	Upper
168	100		
139	33.0	27.3	40.9
169	0.0	10.6	16.0#

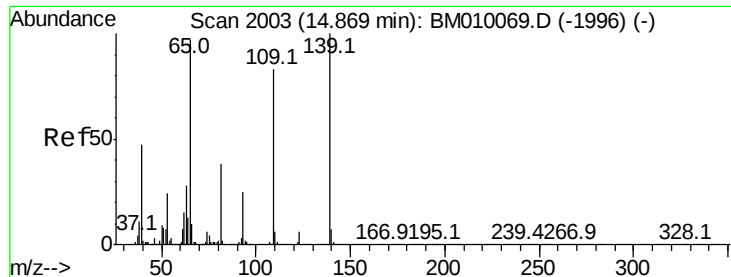


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 0.13 ng

RT: 14.98 min Scan# 2022

Delta R.T. 0.11 min

Lab File: BM010259.D

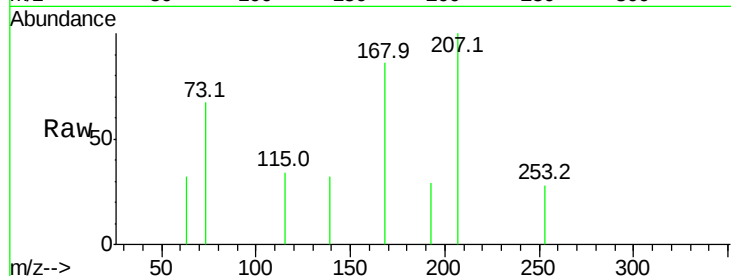
Acq: 26 May 2017 16:23

Instrument :

BNA_M

ClientSampled :

Tot Ion:	139	Resp:	357
Ion	Ratio	Lower	Upper
139	100		
109	0.0	37.7	77.7#
65	0.0	49.9	89.9#

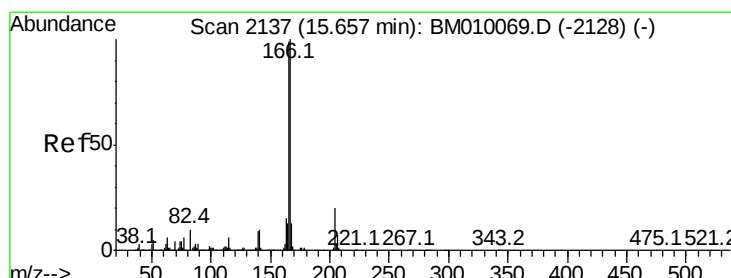
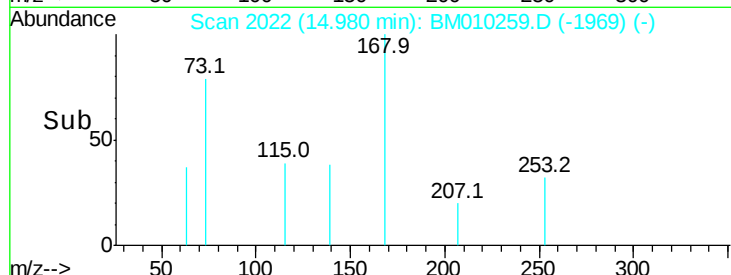
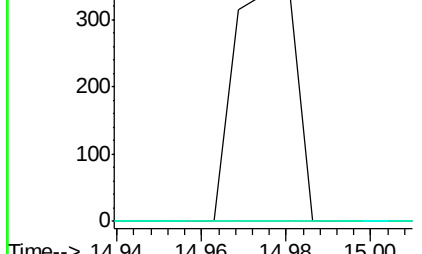


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

Time--> 14.94 14.96 14.98 15.00



#57

Fluorene

Concen: 0.14 ng

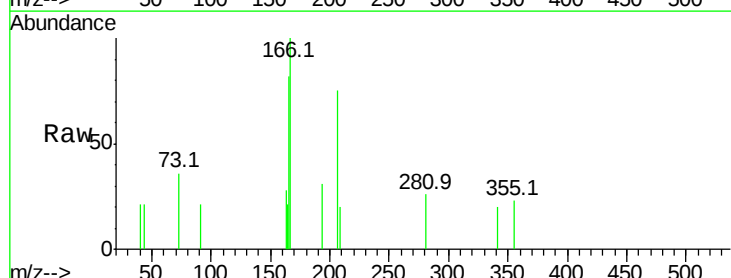
RT: 15.62 min Scan# 2131

Delta R.T. -0.04 min

Lab File: BM010259.D

Acq: 26 May 2017 16:23

Tgt Ion:	166	Resp:	2422
Ion	Ratio	Lower	Upper
166	100		
165	82.1	79.0	118.4
167	0.0	10.3	15.5#

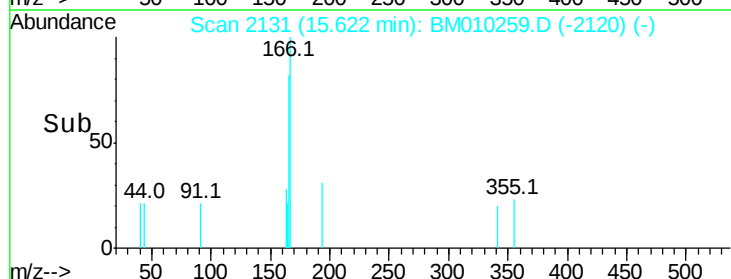
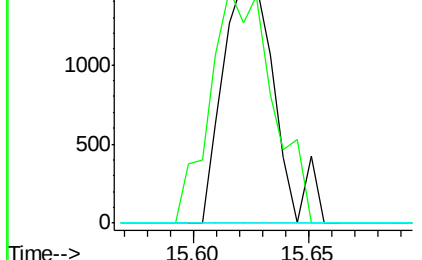


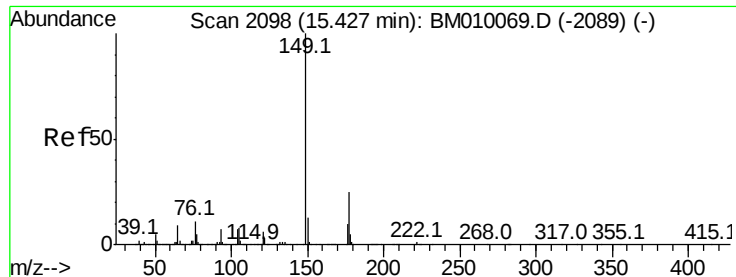
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

Time--> 15.60 15.62 15.65





#59

Diethylphthalate

Concen: 0.01 ng

RT: 15.38 min Scan# 2090

Delta R.T. -0.05 min

Lab File: BM010259.D

Acq: 26 May 2017 16:23

Instrument :

BNA_M

ClientSampleId :

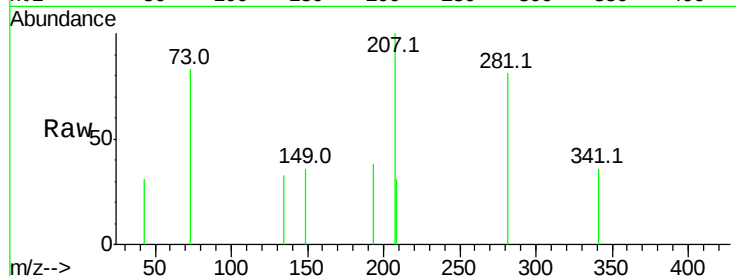
Tot Ion: 149 Resp: 237

Ion Ratio Lower Upper

149 100

177 0.0 18.3 27.5#

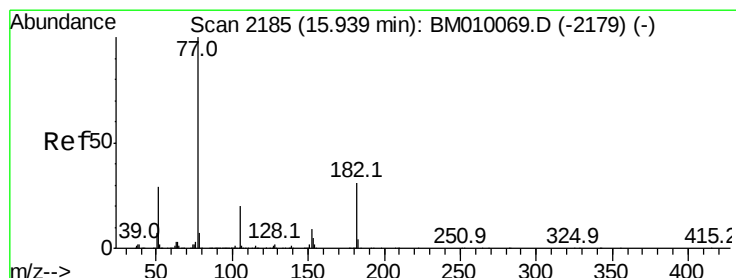
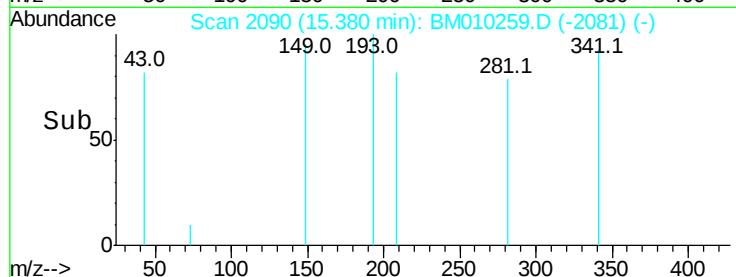
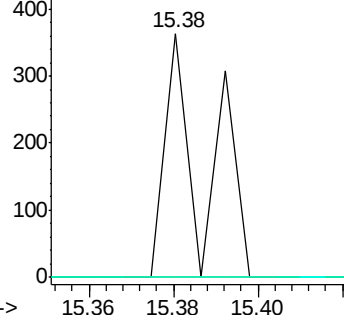
150 0.0 9.8 14.8#



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



#62

Azobenzene

Concen: 0.01 ng

RT: 15.88 min Scan# 2175

Delta R.T. -0.06 min

Lab File: BM010259.D

Acq: 26 May 2017 16:23

Tgt Ion: 77 Resp: 123

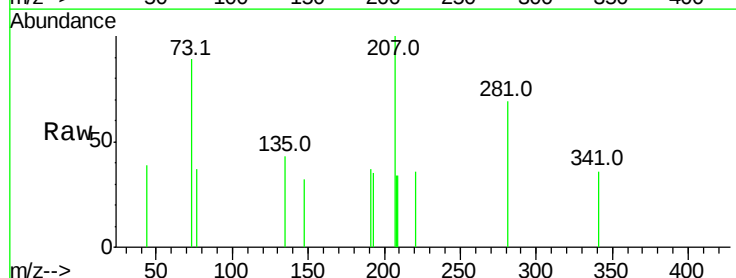
Ion Ratio Lower Upper

77 100

182 0.0 6.5 46.5#

105 0.0 3.8 43.8#

51 0.0 5.5 45.5#

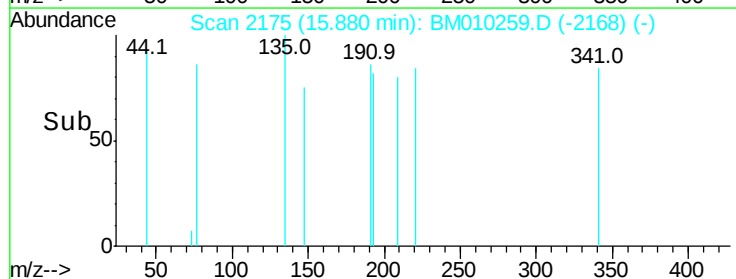
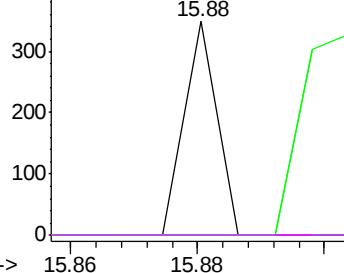


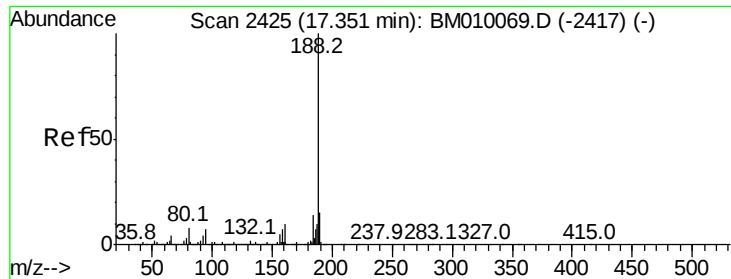
Abundance Ion 77.00 (76.70 to 77.70): BM0

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

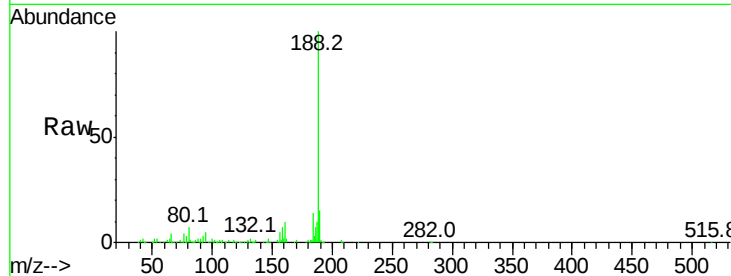




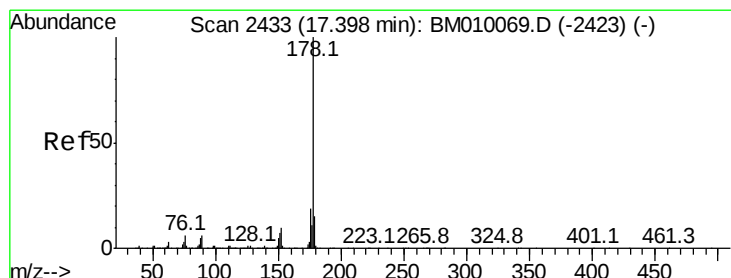
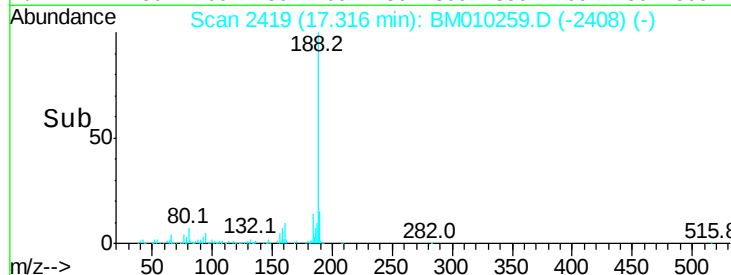
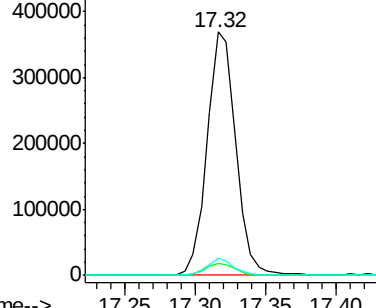
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.32 min Scan# 2419
Delta R.T. -0.04 min
Lab File: BM010259.D
Acq: 26 May 2017 16:23

Instrument :
BNA_M
ClientSampled :

Tot Ion:188 Resp: 524273
Ion Ratio Lower Upper
188 100
94 5.0 8.7 13.1#
80 6.8 9.3 13.9#

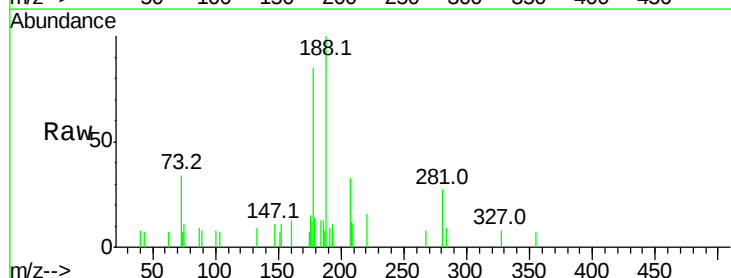


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

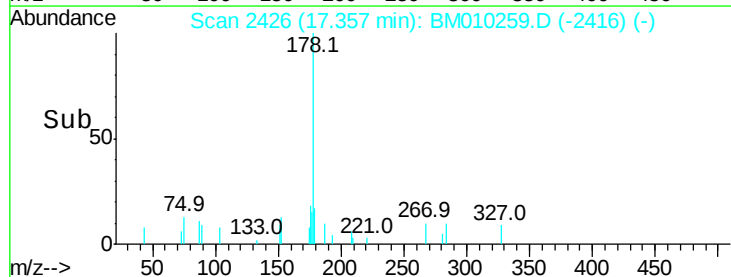
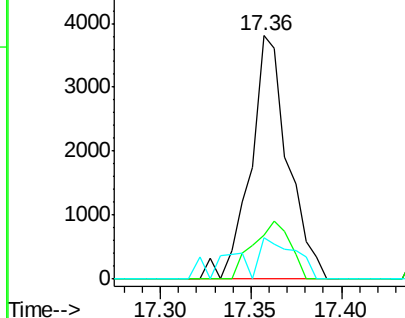


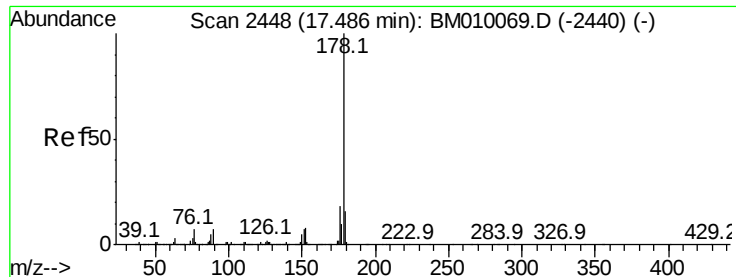
#70
Phenanthrene
Concen: 0.19 ng
RT: 17.36 min Scan# 2426
Delta R.T. -0.04 min
Lab File: BM010259.D
Acq: 26 May 2017 16:23

Tgt Ion:178 Resp: 5468
Ion Ratio Lower Upper
178 100
176 17.8 15.2 22.8
179 16.9 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: 17.45 min Scan# 2441

Delta R.T. -0.04 min

Lab File: BM010259.D

Acq: 26 May 2017 16:23

Instrument :

BNA_M

ClientSampleId :

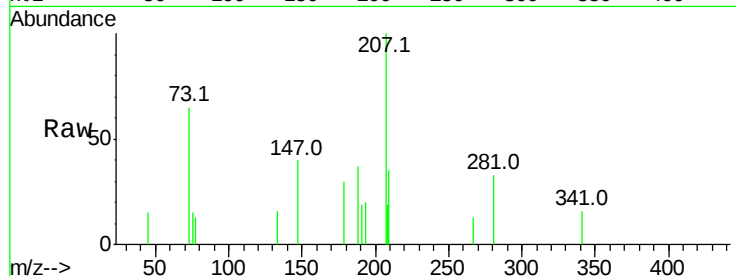
Tot Ion:178 Resp: 674

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

17.45

17.46

17.47

17.48

17.49

17.50

17.51

17.52

17.53

17.54

17.55

17.56

17.57

17.58

17.59

17.60

17.61

17.62

17.63

17.64

17.65

17.66

17.67

17.68

17.69

17.70

17.71

17.72

17.73

17.74

17.75

17.76

17.77

17.78

17.79

17.80

17.81

17.82

17.83

17.84

17.85

17.86

17.87

17.88

17.89

17.90

17.91

17.92

17.93

17.94

17.95

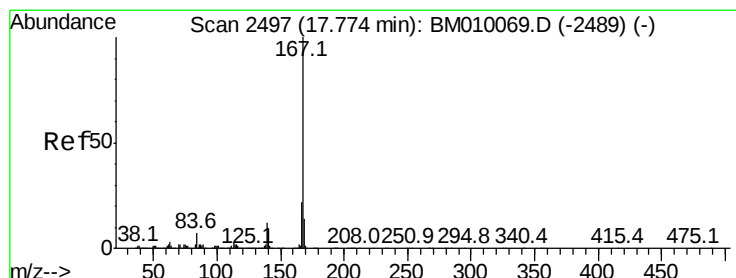
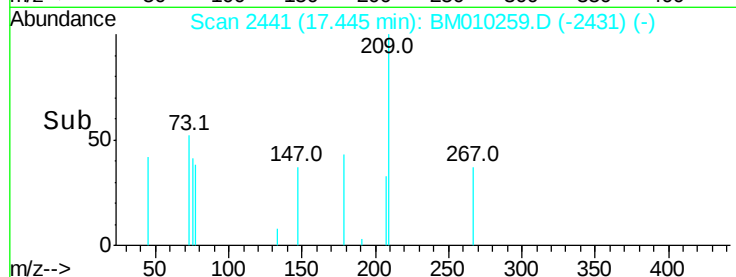
17.96

17.97

17.98

17.99

18.00



#72

Carbazole

Concen: 0.01 ng

RT: 17.75 min Scan# 2493

Delta R.T. -0.02 min

Lab File: BM010259.D

Acq: 26 May 2017 16:23

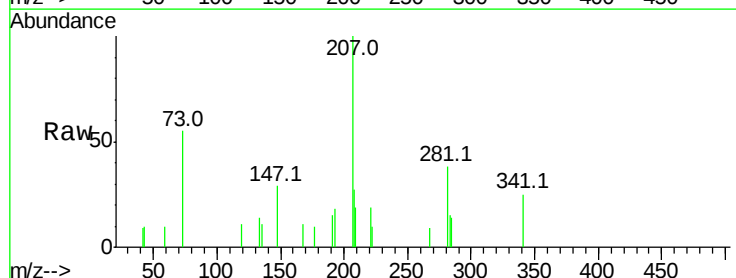
Tgt Ion:167 Resp: 132

Ion Ratio Lower Upper

167 100

166 0.0 17.2 25.8#

139 0.0 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

17.75

17.76

17.77

17.78

17.79

17.80

17.81

17.82

17.83

17.84

17.85

17.86

17.87

17.88

17.89

17.90

17.91

17.92

17.93

17.94

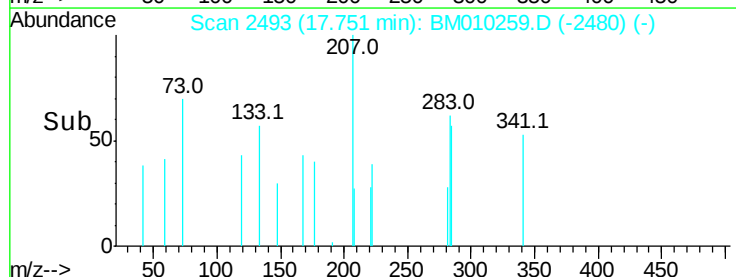
17.95

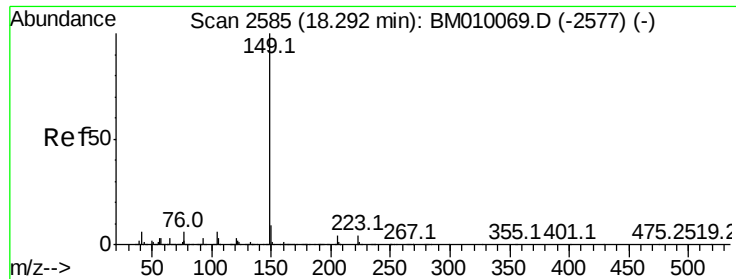
17.96

17.97

17.98

17.99

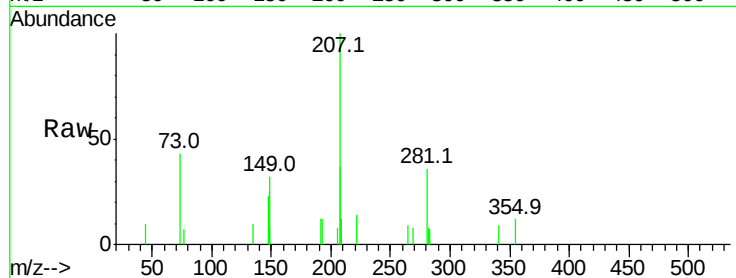




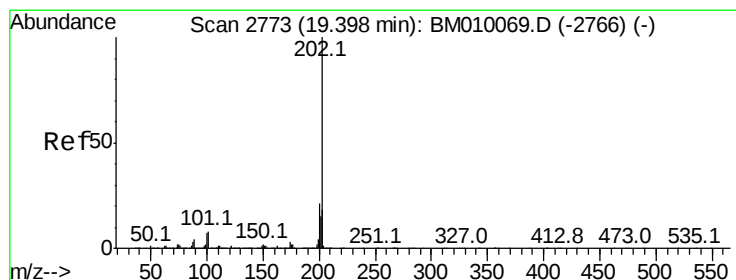
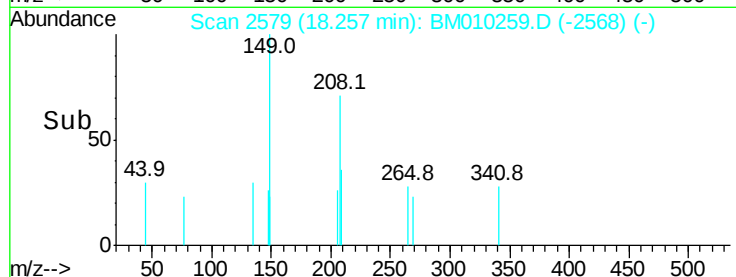
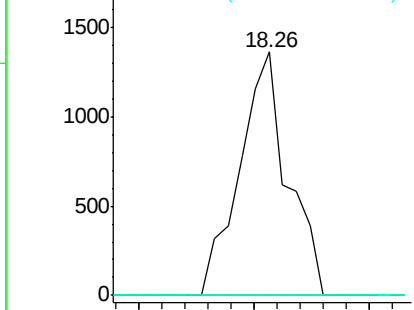
#73
Di-n-butylphthalate
Concen: 0.06 ng
RT: 18.26 min Scan# 2579
Delta R.T. -0.04 min
Lab File: BM010259.D
Acq: 26 May 2017 16:23

Instrument :
BNA_M
ClientSampleId :

Tot Ion:149 Resp: 1982
Ion Ratio Lower Upper
149 100
150 0.0 7.5 11.3#
104 0.0 3.7 5.5#

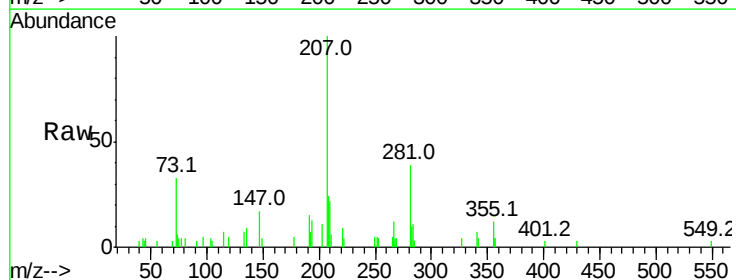


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

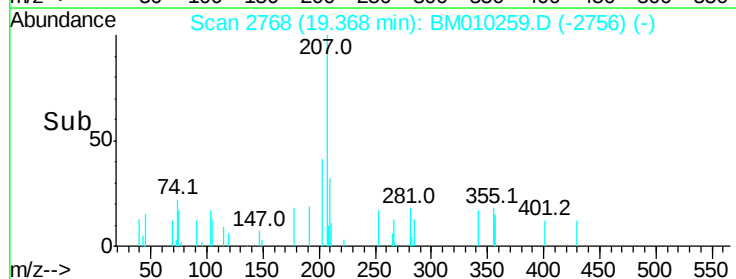
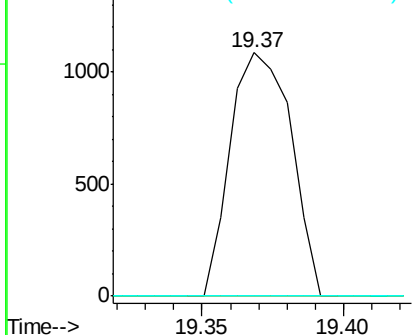


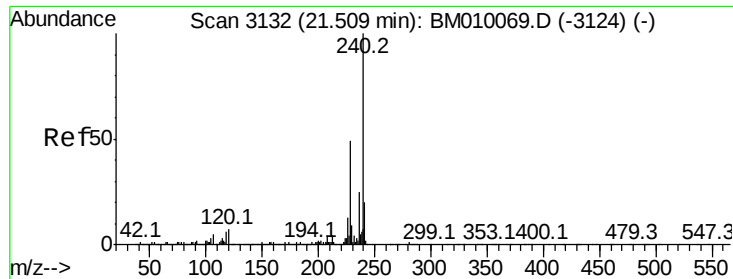
#74
Fluoranthene
Concen: 0.04 ng
RT: 19.37 min Scan# 2768
Delta R.T. -0.03 min
Lab File: BM010259.D
Acq: 26 May 2017 16:23

Tgt Ion:202 Resp: 1620
Ion Ratio Lower Upper
202 100
101 0.0 0.0 28.7
203 0.0 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

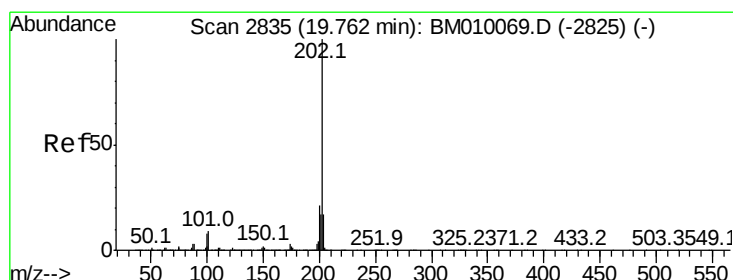
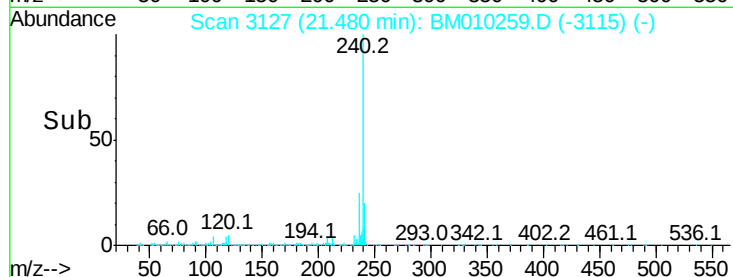
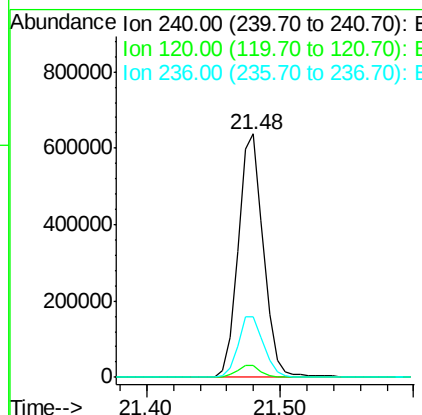
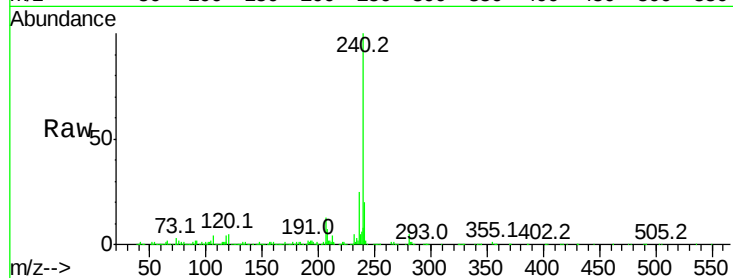




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.48 min Scan# 3127
 Delta R.T. -0.03 min
 Lab File: BM010259.D
 Acq: 26 May 2017 16:23

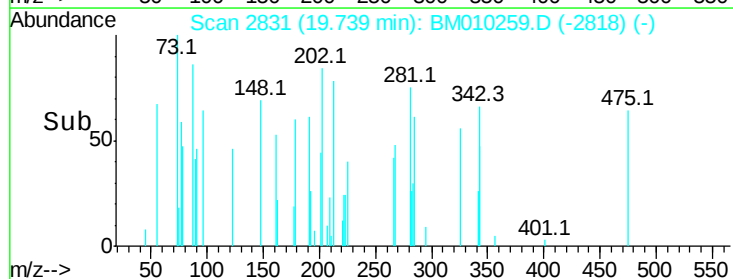
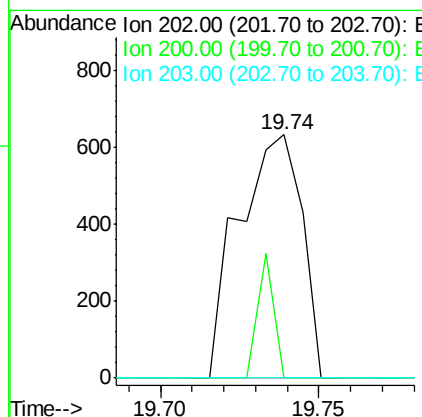
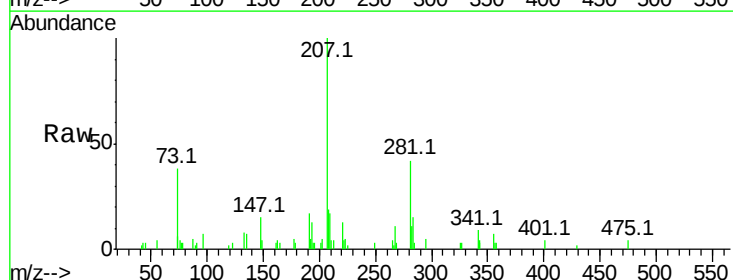
Instrument :
 BNA_M
 ClientSampleId :

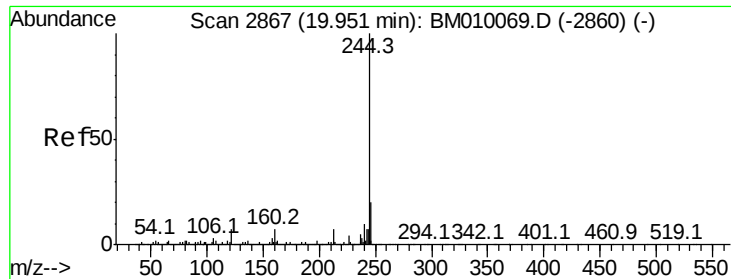
Tot Ion:240 Resp: 832527
 Ion Ratio Lower Upper
 240 100
 120 4.9 8.2 12.2#
 236 25.1 20.0 30.0



#77
 Pyrene
 Concen: 0.02 ng
 RT: 19.74 min Scan# 2831
 Delta R.T. -0.02 min
 Lab File: BM010259.D
 Acq: 26 May 2017 16:23

Tgt Ion:202 Resp: 875
 Ion Ratio Lower Upper
 202 100
 200 0.0 16.9 25.3#
 203 0.0 14.1 21.1#





#78

Terphenyl-d14

Concen: 86.85 ng

RT: 19.92 min Scan# 2862

Delta R.T. -0.03 min

Lab File: BM010259.D

Acq: 26 May 2017 16:23

Instrument :

BNA_M

ClientSampleId :

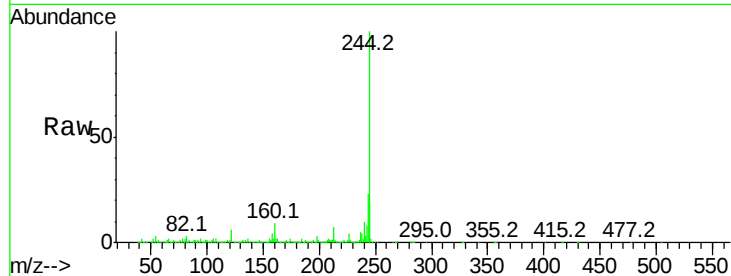
Tot Ion:244 Resp: 3180018

Ion Ratio Lower Upper

244 100

212 7.5 4.9 7.3#

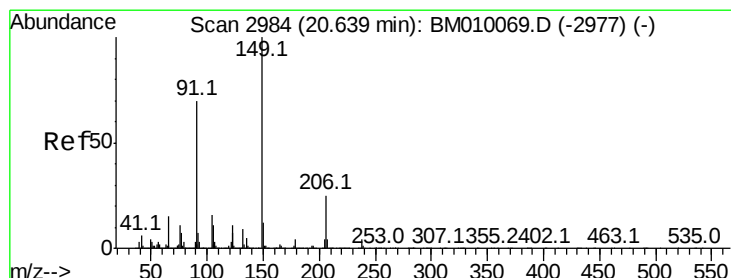
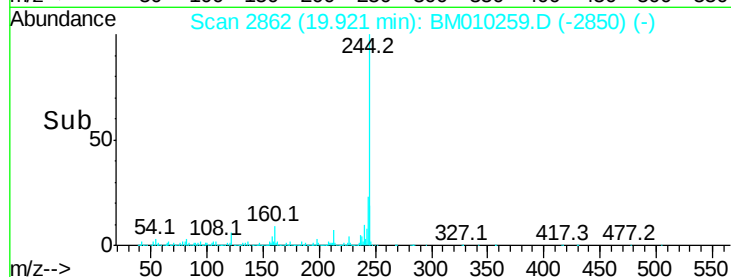
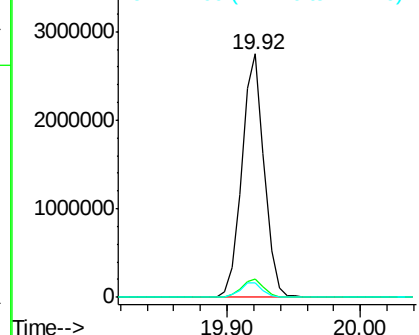
122 6.1 6.2 9.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 0.05 ng

RT: 20.60 min Scan# 2977

Delta R.T. -0.04 min

Lab File: BM010259.D

Acq: 26 May 2017 16:23

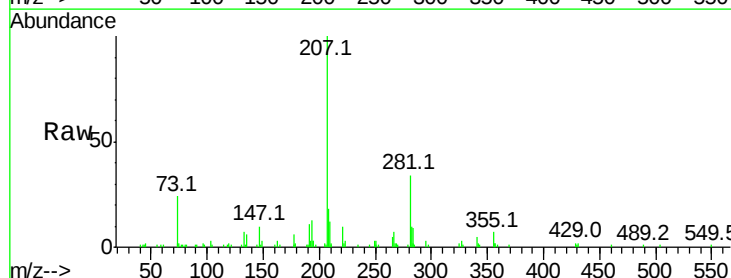
Tgt Ion:149 Resp: 790

Ion Ratio Lower Upper

149 100

91 27.8 50.1 75.1#

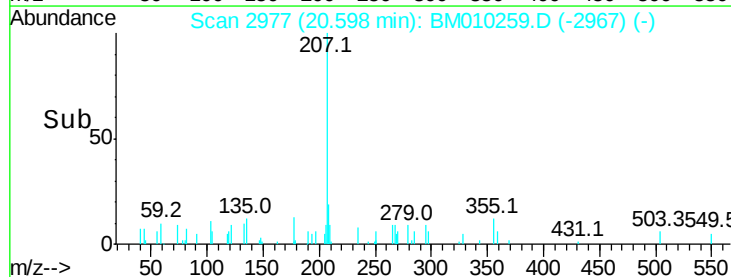
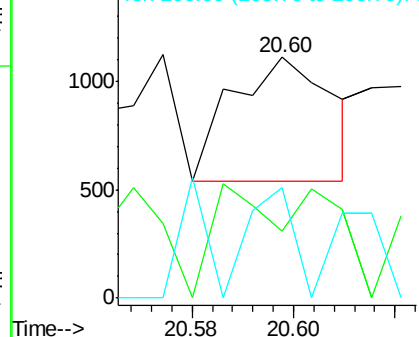
206 46.0 16.2 24.2#

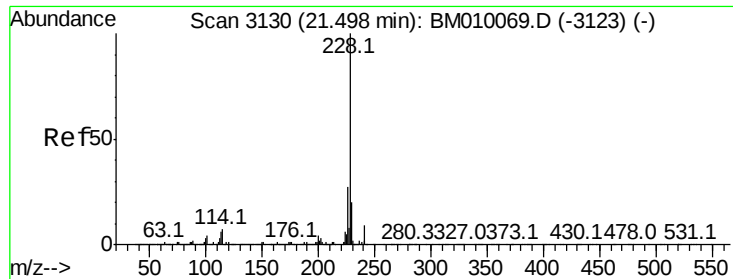


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E

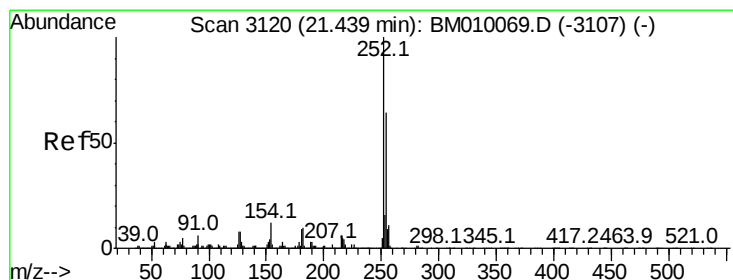
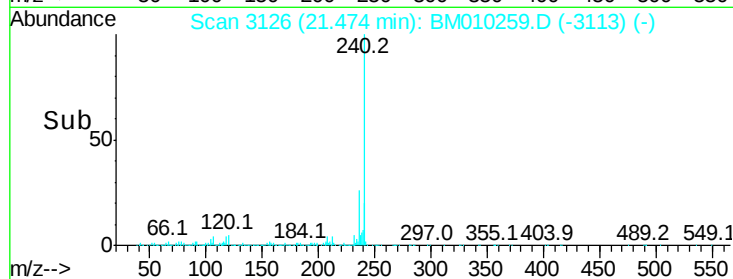
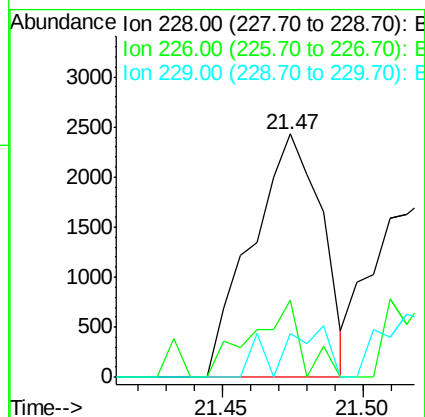
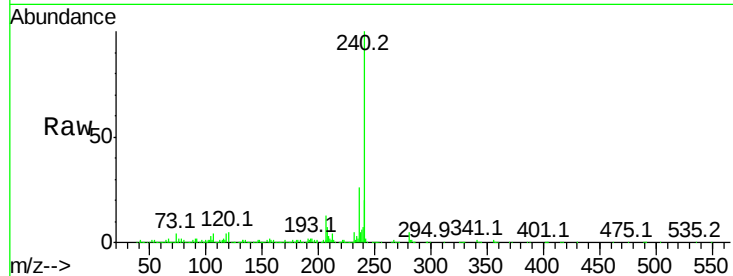




#80
Benzo(a)anthracene
Concen: 0.09 ng
RT: 21.47 min Scan# 3126
Delta R.T. -0.02 min
Lab File: BM010259.D
Acq: 26 May 2017 16:23

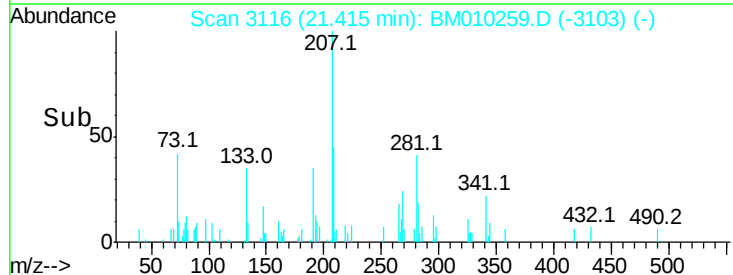
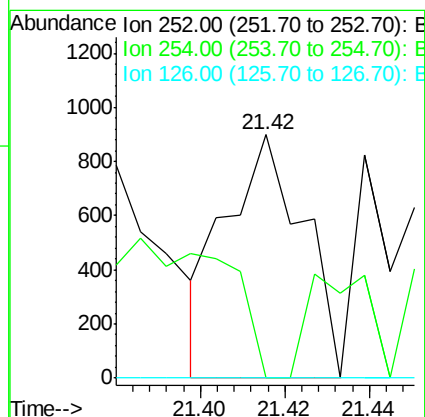
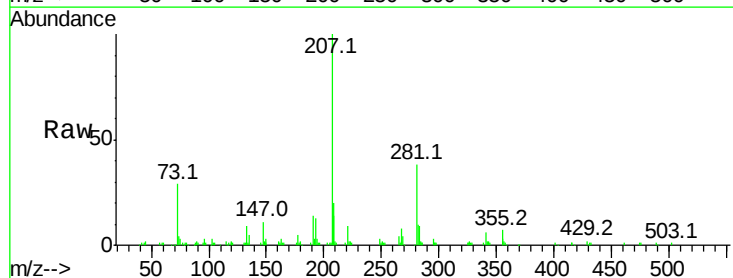
Instrument :
BNA_M
ClientSampled :

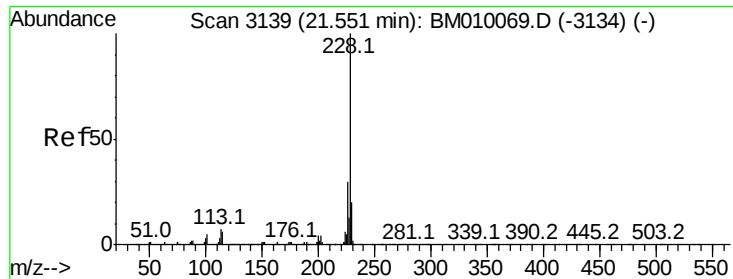
Tot Ion:228 Resp: 4175
Ion Ratio Lower Upper
228 100
226 31.8 21.7 32.5
229 17.9 16.0 24.0



#81
3,3'-Dichlorobenzidine
Concen: 0.06 ng
RT: 21.42 min Scan# 3116
Delta R.T. -0.02 min
Lab File: BM010259.D
Acq: 26 May 2017 16:23

Tgt Ion:252 Resp: 1147
Ion Ratio Lower Upper
252 100
254 0.0 51.9 77.9#
126 0.0 9.8 14.8#





#82

Chrysene

Concen: 0.10 ng

RT: 21.47 min Scan# 3126

Delta R.T. -0.08 min

Lab File: BM010259.D

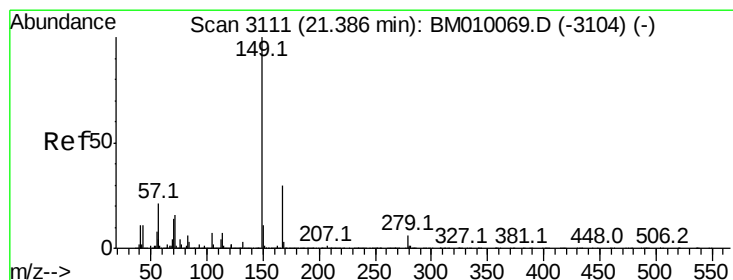
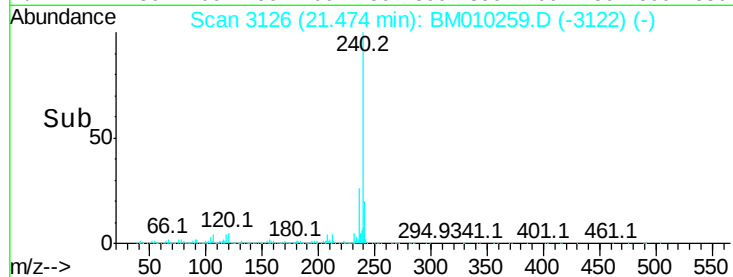
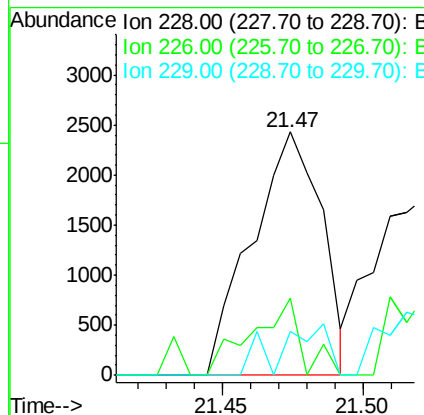
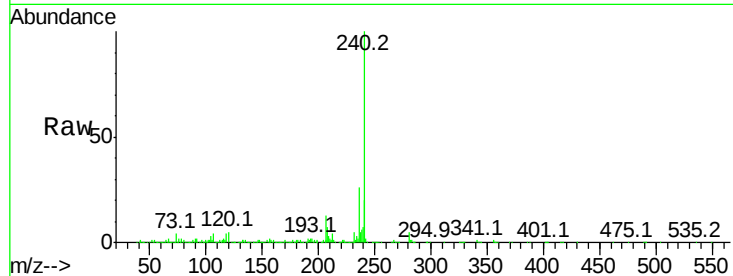
Acq: 26 May 2017 16:23

Instrument :

BNA_M

ClientSampleId :

Tot Ion:228	Resp:	4175
Ion	Ratio	Lower Upper
228	100	
226	31.8	24.1 36.1
229	17.9	15.5 23.3



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.07 ng

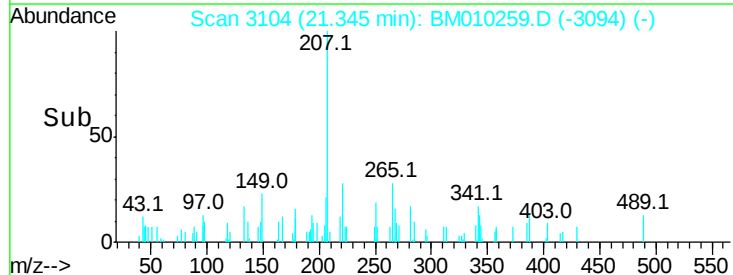
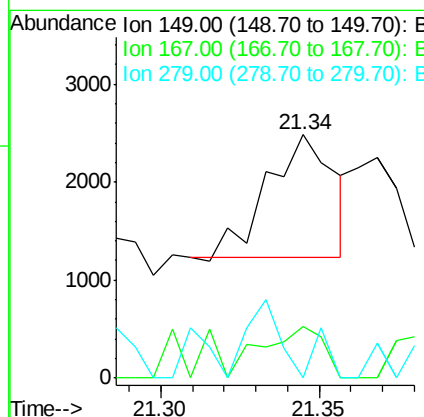
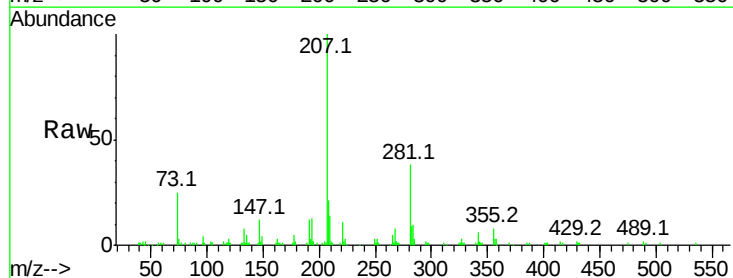
RT: 21.34 min Scan# 3104

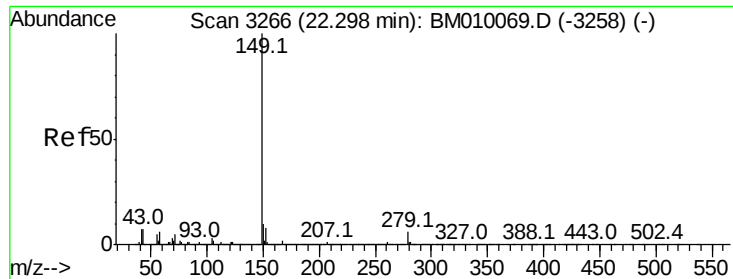
Delta R.T. -0.04 min

Lab File: BM010259.D

Acq: 26 May 2017 16:23

Tgt Ion:149	Resp:	1830
Ion	Ratio	Lower Upper
149	100	
167	21.4	22.4 33.6#
279	0.0	3.4 5.0#

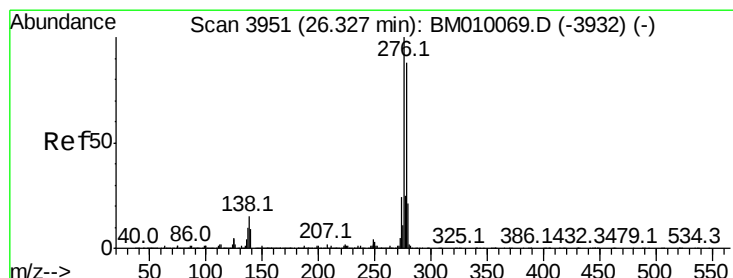
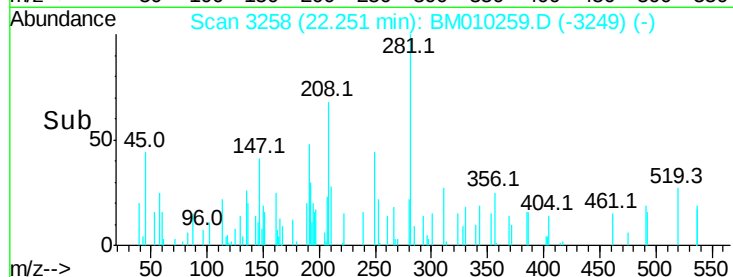
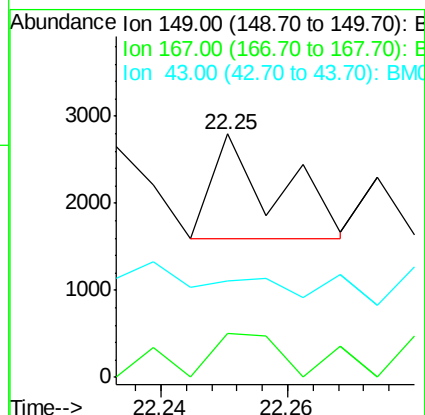
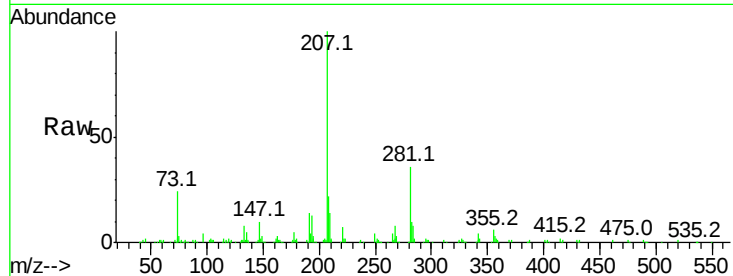




#84
Di-n-octyl phthalate
Concen: 0.02 ng
RT: 22.25 min Scan# 3258
Delta R.T. -0.05 min
Lab File: BM010259.D
Acq: 26 May 2017 16:23

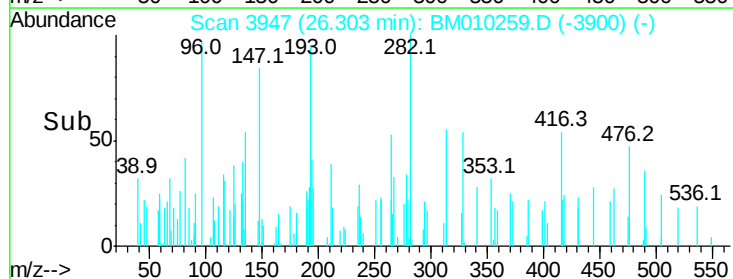
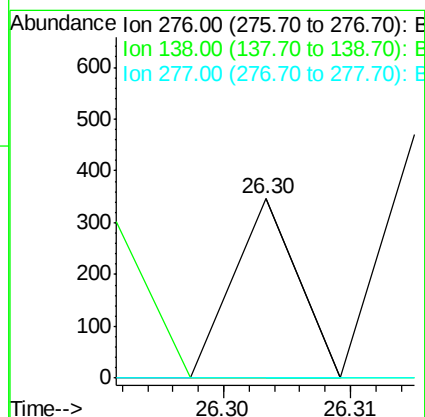
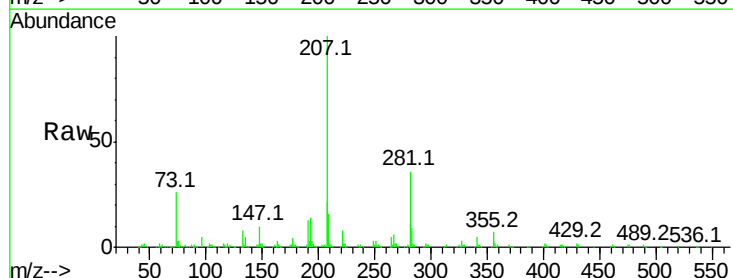
Instrument :
BNA_M
ClientSampled :

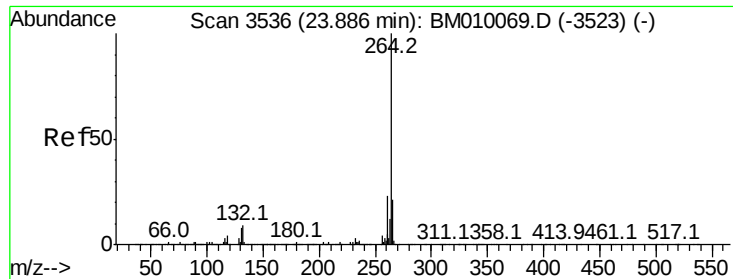
Tot Ion:149 Resp: 849
Ion Ratio Lower Upper
149 100
167 54.7 1.2 1.8#
43 0.0 7.3 10.9#



#85
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng
RT: 26.30 min Scan# 3947
Delta R.T. -0.02 min
Lab File: BM010259.D
Acq: 26 May 2017 16:23

Tgt Ion:276 Resp: 122
Ion Ratio Lower Upper
276 100
138 87.7 0.0 0.0#
277 0.0 0.0 0.0

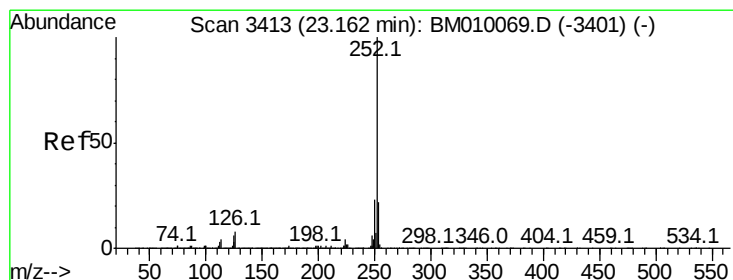
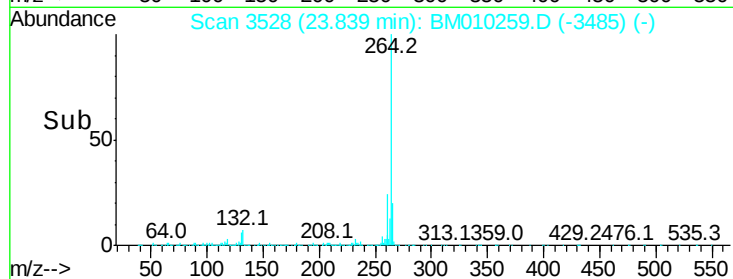
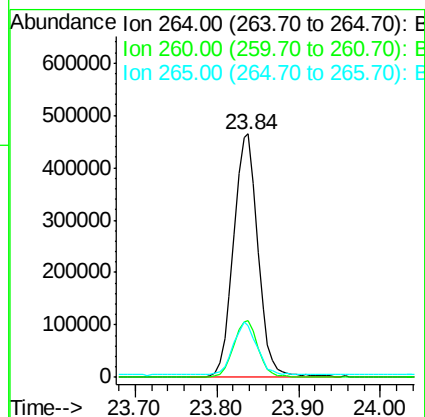
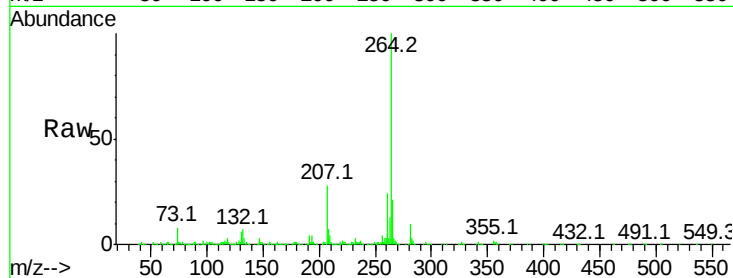




#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.84 min Scan# 3528
Delta R.T. -0.05 min
Lab File: BM010259.D
Acq: 26 May 2017 16:23

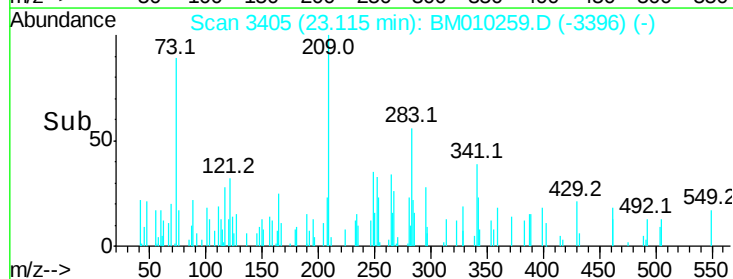
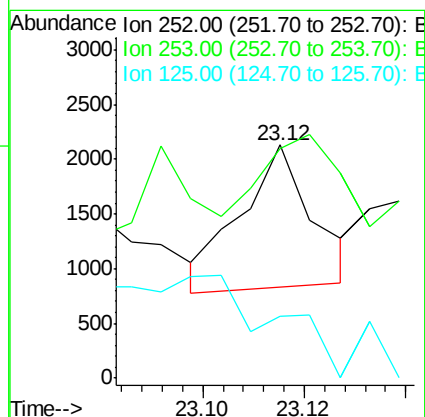
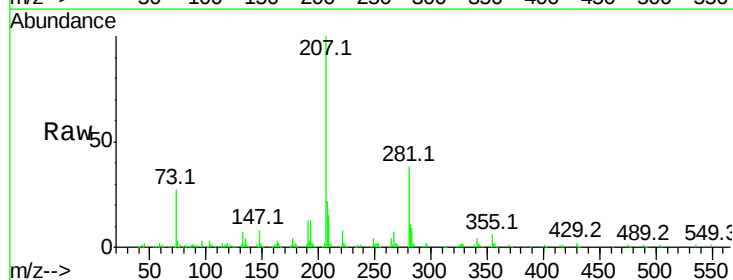
Instrument :
BNA_M
ClientSampleId :

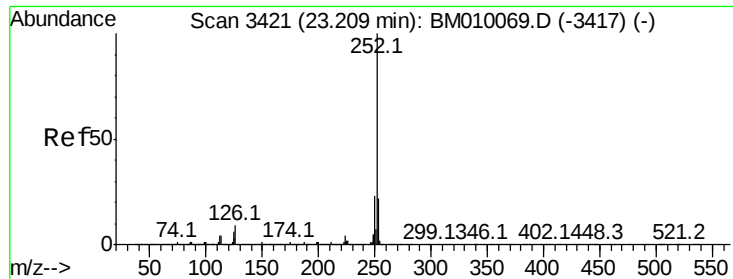
Tot Ion:	264	Resp:	972199
Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	27.8
265	21.4	17.3	25.9



#87
Benzo(b)fluoranthene
Concen: 0.02 ng
RT: 23.12 min Scan# 3405
Delta R.T. -0.05 min
Lab File: BM010259.D
Acq: 26 May 2017 16:23

Tgt Ion:	252	Resp:	1283
Ion	Ratio	Lower	Upper
252	100		
253	98.2	18.0	27.0#
125	26.3	9.9	14.9#





#88

Benzo(k)fluoranthene

Concen: 0.04 ng

RT: 23.17 min Scan# 3415

Delta R.T. -0.04 min

Lab File: BM010259.D

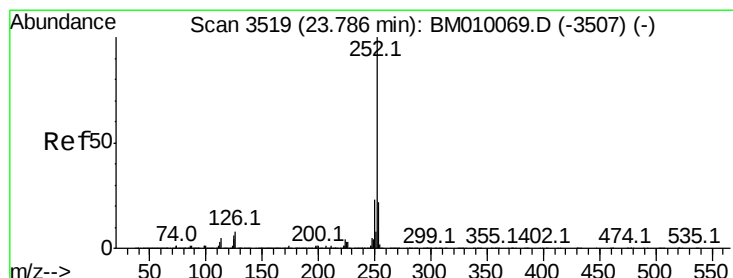
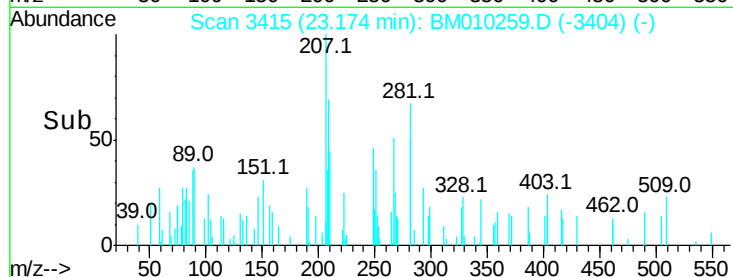
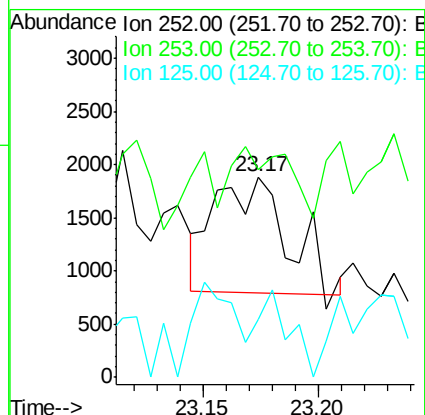
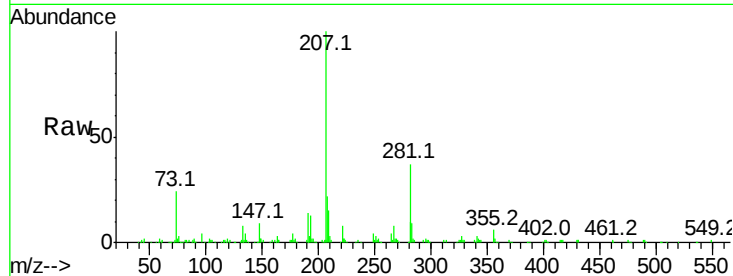
Acq: 26 May 2017 16:23

Instrument :

BNA_M

ClientSampled :

Tot Ion:	252	Resp:	2354
Ion	Ratio	Lower	Upper
252	100		
253	103.4	17.2	25.8#
125	54.2	8.1	12.1#



#89

Benzo(a)pyrene

Concen: 0.01 ng

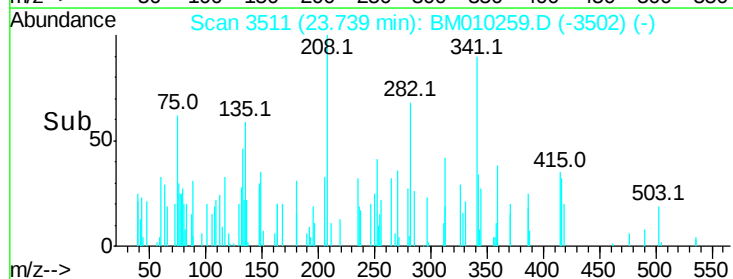
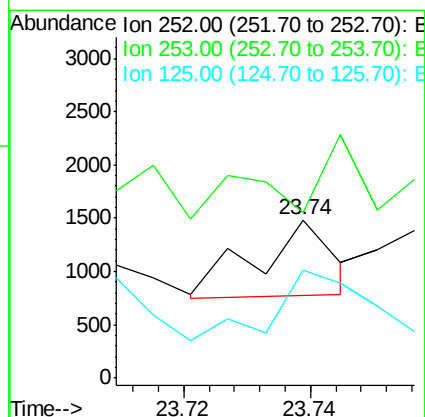
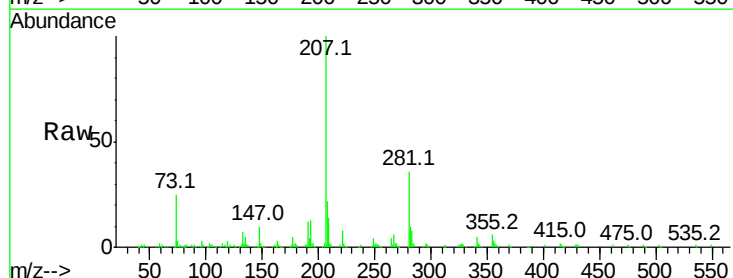
RT: 23.74 min Scan# 3511

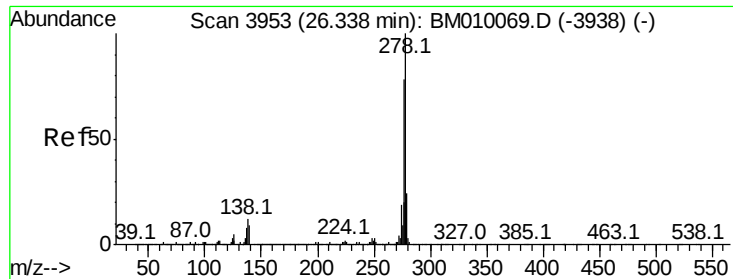
Delta R.T. -0.05 min

Lab File: BM010259.D

Acq: 26 May 2017 16:23

Tgt Ion:	252	Resp:	594
Ion	Ratio	Lower	Upper
252	100		
253	104.9	17.6	26.4#
125	68.1	7.4	11.2#





#90

Dibenzo(a,h)anthracene

Concen: 0.03 ng

RT: 26.30 min Scan# 3946

Delta R.T. -0.04 min

Lab File: BM010259.D

Acq: 26 May 2017 16:23

Instrument :

BNA_M

ClientSampleId :

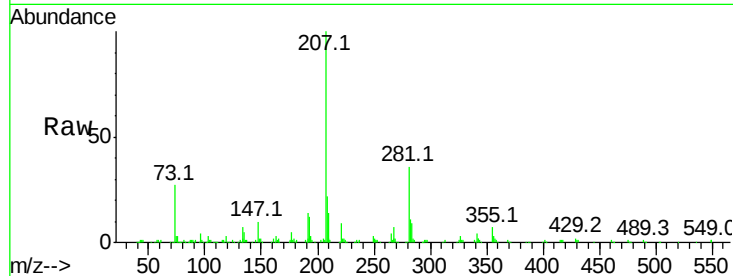
Tot Ion:278 Resp: 1629

Ion Ratio Lower Upper

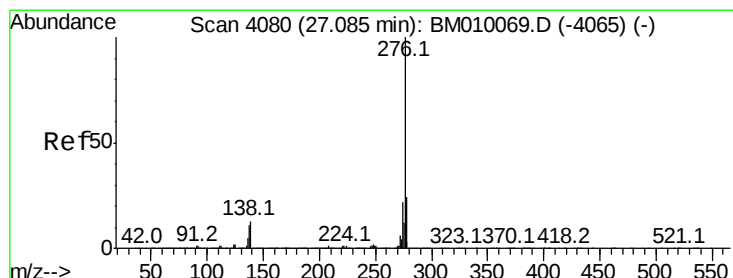
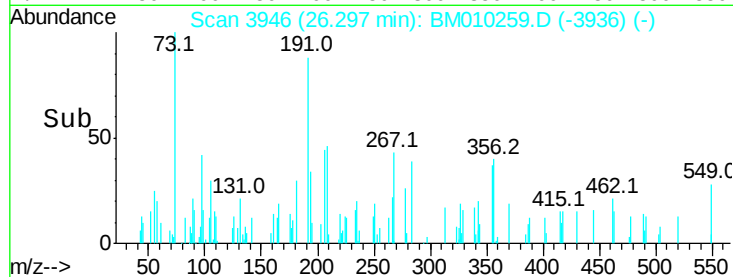
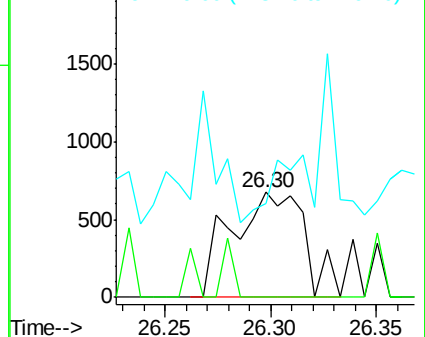
278 100

139 0.0 13.4 20.0#

279 89.1 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: 0.00 ng

RT: 27.00 min Scan# 4066

Delta R.T. -0.08 min

Lab File: BM010259.D

Acq: 26 May 2017 16:23

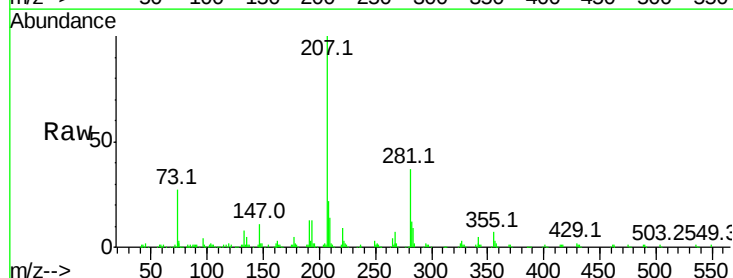
Tgt Ion:276 Resp: 198

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

