

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080718\
 Data File : BM016235.D
 Acq On : 08 Aug 2018 02:19
 Operator : SJ/JU
 Sample : J4277-01 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 08 04:05:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 07 16:15:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	55076	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	225833	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	125261	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	287505	20.00	ng	0.00
75) Chrysene-d12	21.64	240	321640	20.00	ng	0.00
86) Perylene-d12	23.97	264	281040	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	62363	18.81	ng	0.00
7) Phenol-d6	7.30	99	83163	19.21	ng	0.00
23) Nitrobenzene-d5	9.32	82	57411	11.82	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	25382	15.98	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	115315	11.20	ng	0.00
78) Terphenyl-d14	20.09	244	192088	12.50	ng	0.00

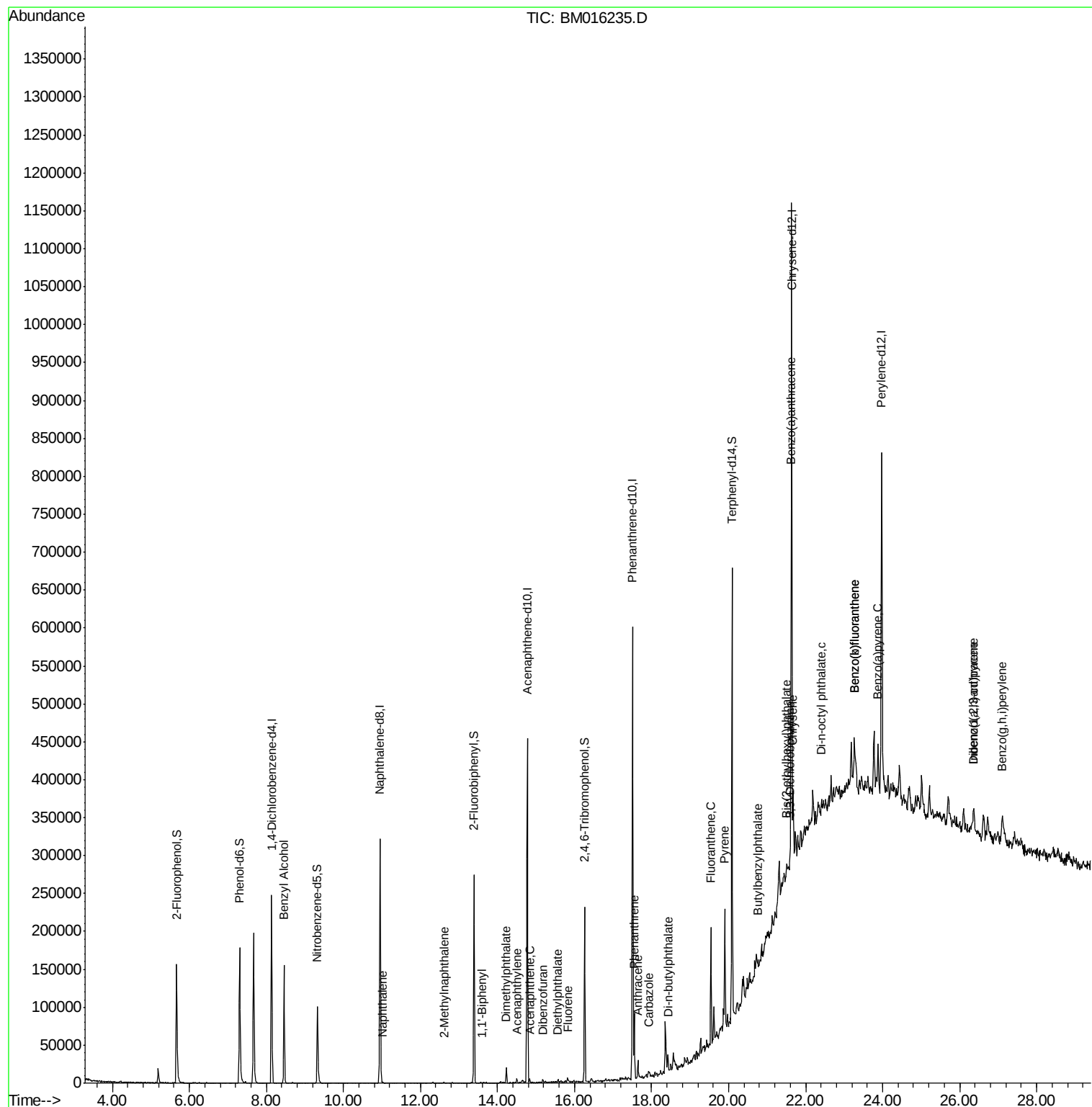
Target Compounds				Qvalue		
15) Benzyl Alcohol	8.46	79	1167	0.338	ng	# 46
31) Naphthalene	11.01	128	1490	0.130	ng	# 69
37) 2-Methylnaphthalene	12.61	142	646	0.084	ng	# 83
45) 1,1'-Biphenyl	13.61	154	120	0.011	ng	# 42
48) Acenaphthylene	14.50	152	5048	0.392	ng	# 91
49) Dimethylphthalate	14.23	163	11840	1.080	ng	# 95
51) Acenaphthene	14.83	154	1811	0.229	ng	# 82
54) Dibenzofuran	15.18	168	1809	0.139	ng	# 83
57) Fluorene	15.82	166	3669	0.378	ng	# 95
59) Diethylphthalate	15.57	149	1921	0.163	ng	# 58
70) Phenanthrene	17.55	178	44183	2.745	ng	# 95
71) Anthracene	17.64	178	13751	0.879	ng	# 96
72) Carbazole	17.93	167	4415	0.272	ng	# 85
73) Di-n-butylphthalate	18.44	149	1767	0.087	ng	# 78
74) Fluoranthene	19.54	202	78458	4.370	ng	# 95
77) Pyrene	19.90	202	77250	4.008	ng	# 99
79) Butylbenzylphthalate	20.76	149	876	0.089	ng	# 54
80) Benzo(a)anthracene	21.62	228	42857	2.163	ng	# 93
81) 3,3'-Dichlorobenzidine	21.58	252	164	0.021	ng	# 9
82) Chrysene	21.67	228	39436	2.075	ng	# 95
83) Bis(2-ethylhexyl)phthalate	21.51	149	4014	0.283	ng	# 94
84) Di-n-octyl phthalate	22.42	149	3829	0.161	ng	# 1
85) Indeno(1,2,3-cd)pyrene	26.37	276	23279	1.032	ng	# 83
87) Benzo(b)fluoranthene	23.27	252	42715	2.581	ng	# 91
88) Benzo(k)fluoranthene	23.27	252	42715	2.547	ng	# 88
89) Benzo(a)pyrene	23.87	252	34759	2.185	ng	# 89
90) Dibenzo(a,h)anthracene	26.37	278	9867	0.599	ng	# 70
91) Benzo(g,h,i)perylene	27.10	276	24281	1.558	ng	# 90

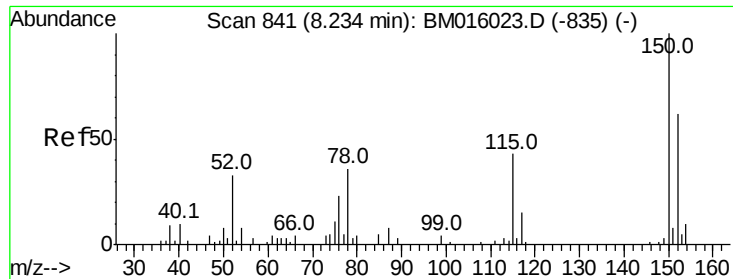
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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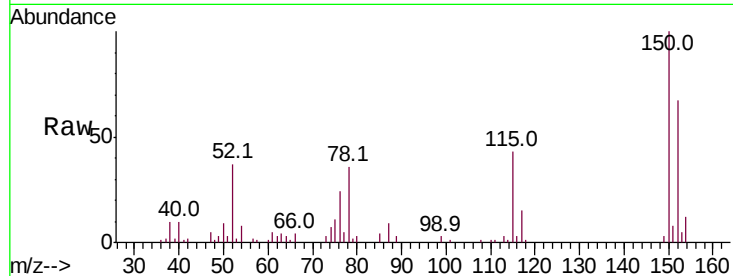


#1

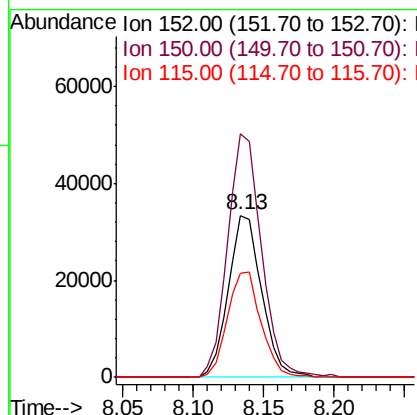
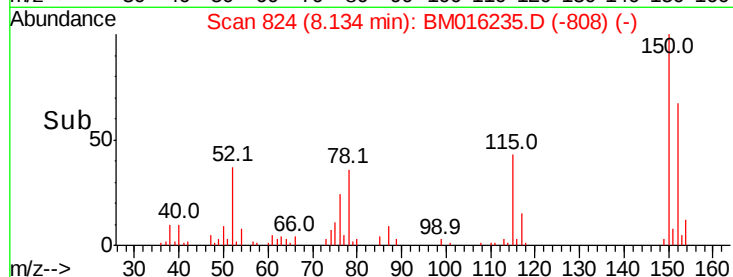
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.13 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BM016235.D
 Acq: 08 Aug 2018 02:19

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.1	119.5	179.3
115	64.3	43.0	64.4



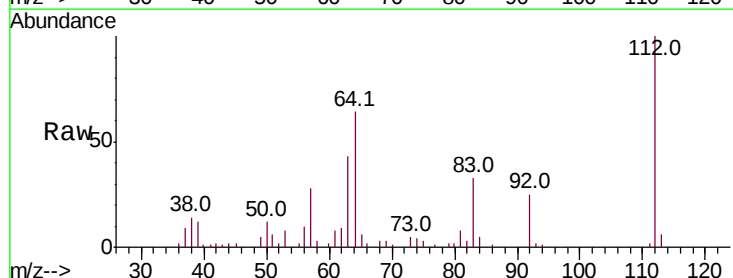
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



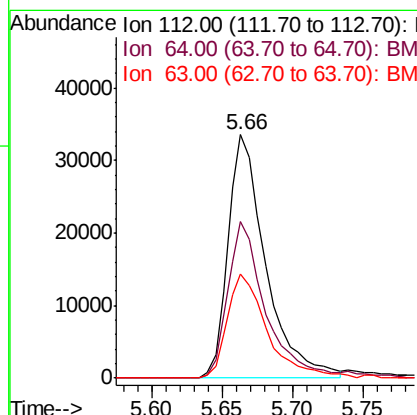
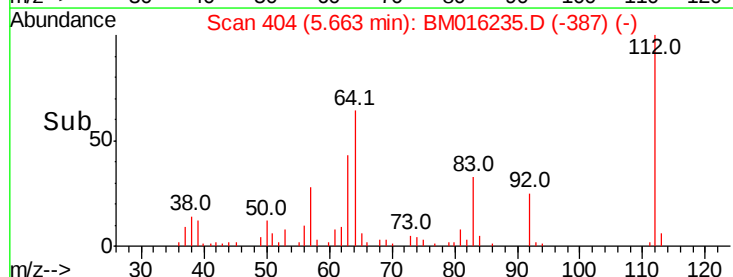
#5

2-Fluorophenol
 Concen: N.D. ng
 RT: 5.66 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: BM016235.D
 Acq: 08 Aug 2018 02:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.1	38.6	57.8#
63	42.8	19.3	28.9#



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





#7

Phenol-d6

Concen: N.D. ng

RT: 7.30 min Scan# 683

Delta R.T. 0.00 min

Lab File: BM016235.D

Acq: 08 Aug 2018 02:19

Instrument :

BNA_M

ClientSampleId :

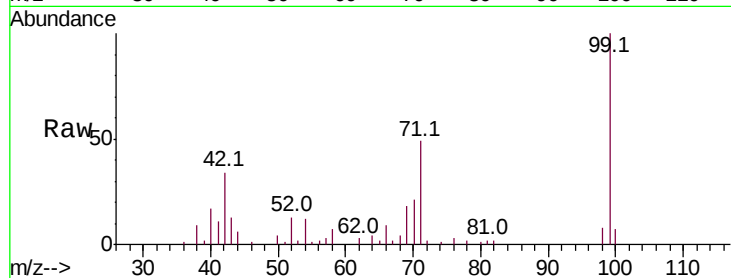
Tot Ion: 99 Resp: 83163

Ion Ratio Lower Upper

99 100

42 33.6 11.0 16.4#

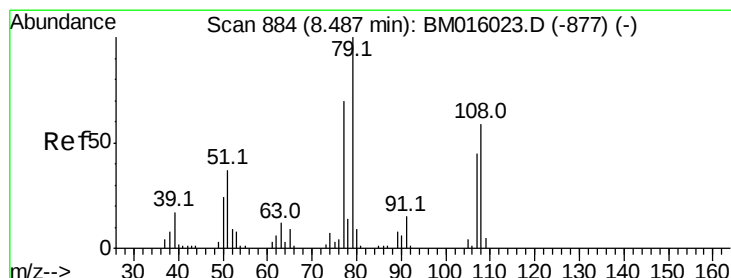
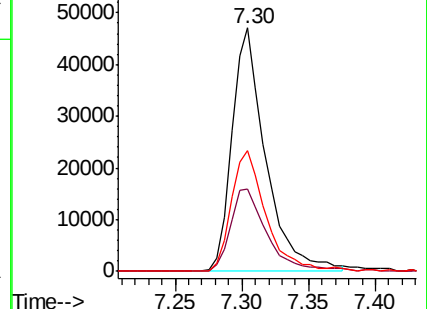
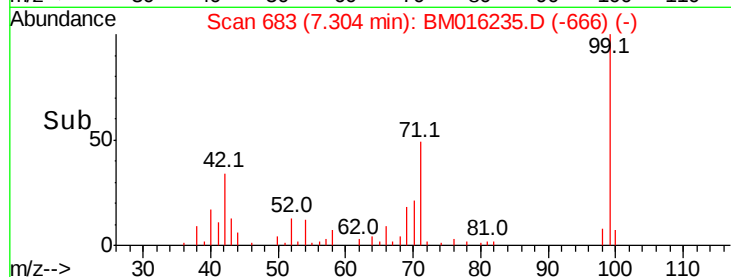
71 49.4 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016023.D (-690) (-)

Ion 42.00 (41.70 to 42.70): BM016023.D (-690) (-)

Ion 71.00 (70.70 to 71.70): BM016023.D (-690) (-)



#15

Benzyl Alcohol

Concen: 0.338 ng

RT: 8.46 min Scan# 880

Delta R.T. 0.06 min

Lab File: BM016235.D

Acq: 08 Aug 2018 02:19

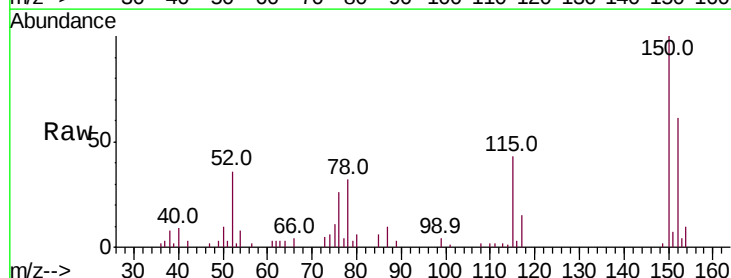
Tgt Ion: 79 Resp: 1167

Ion Ratio Lower Upper

79 100

108 52.3 65.0 97.4#

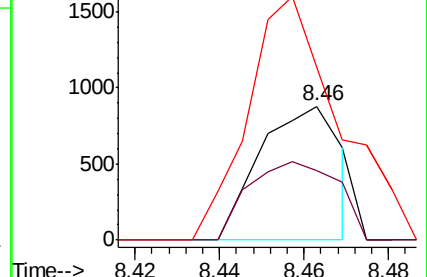
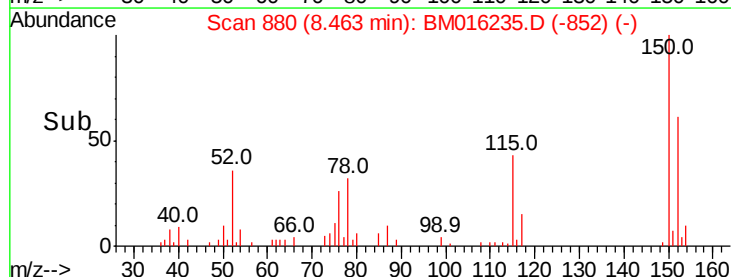
77 129.8 53.0 79.6#

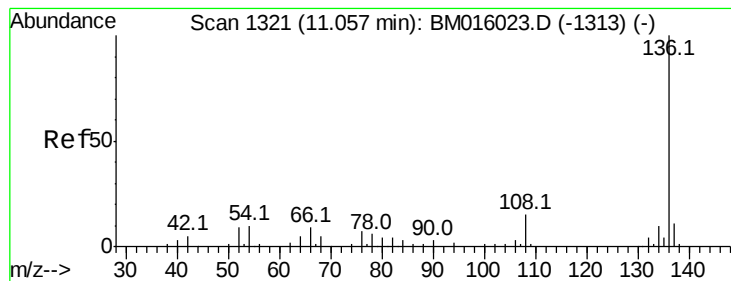


Abundance Ion 79.00 (78.70 to 79.70): BM016023.D (-877) (-)

Ion 108.00 (107.70 to 108.70): BM016023.D (-877) (-)

Ion 77.00 (76.70 to 77.70): BM016023.D (-877) (-)

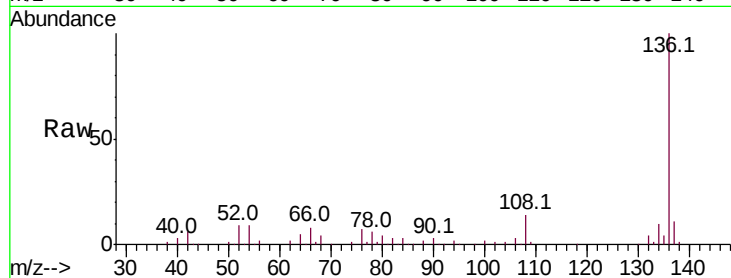




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BM016235.D
Acq: 08 Aug 2018 02:19

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	9.5	4.6	6.8#
68	4.4	3.7	5.5



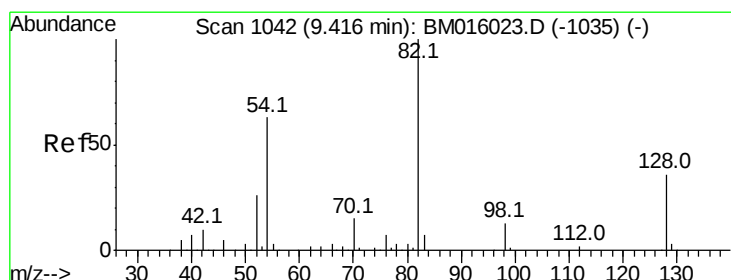
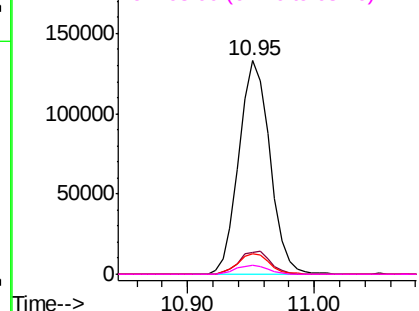
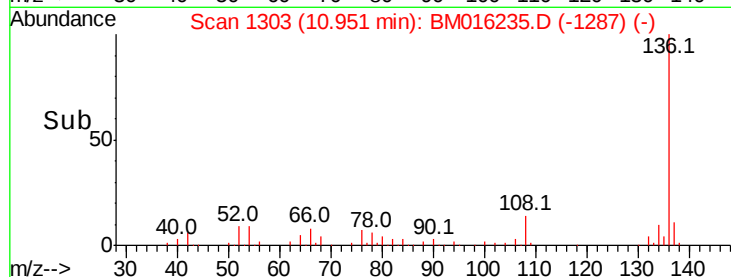
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

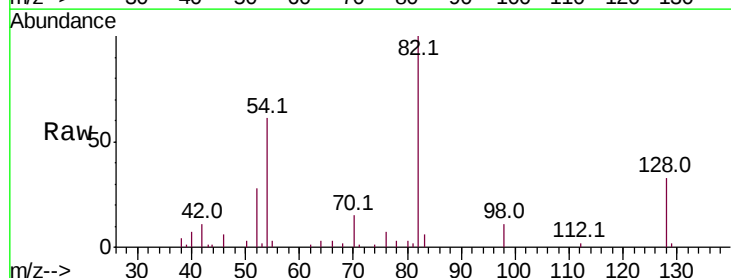
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.32 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BM016235.D
Acq: 08 Aug 2018 02:19

Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.2	32.8	49.2
54	61.0	40.6	60.8#

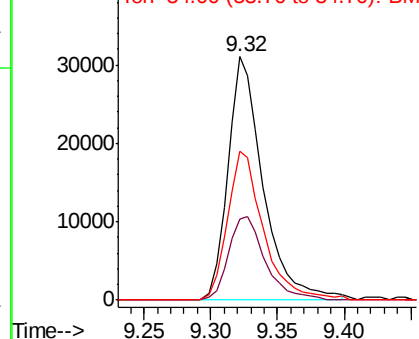
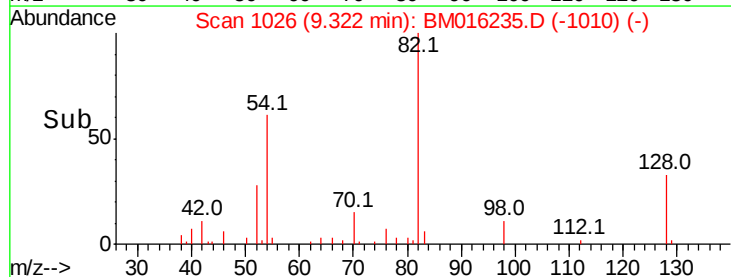


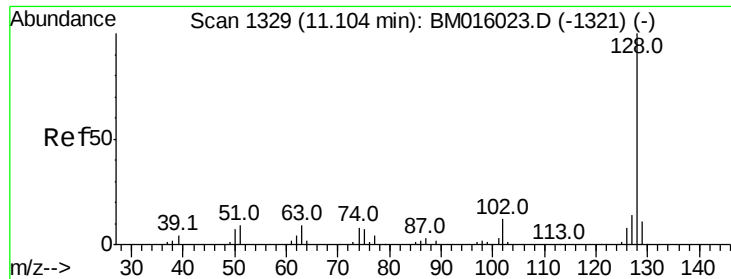
Abundance

Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

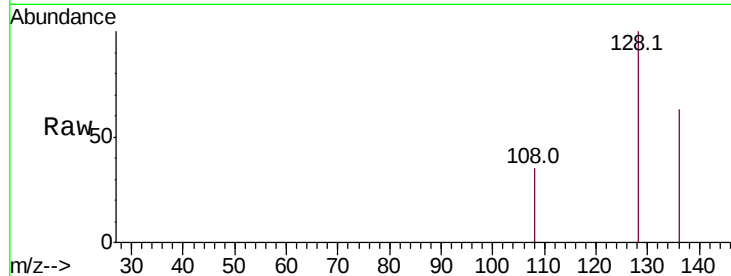




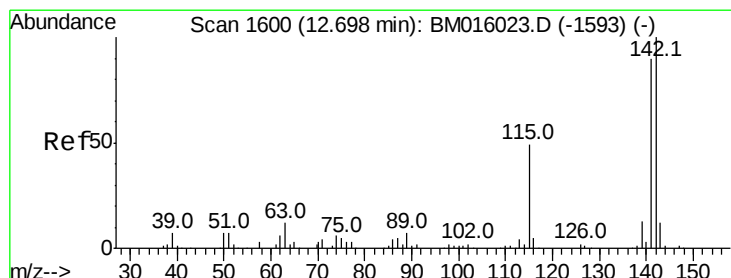
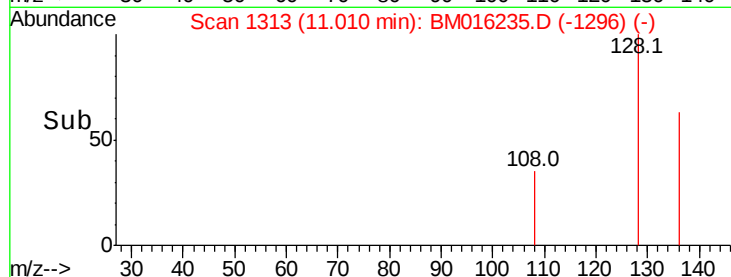
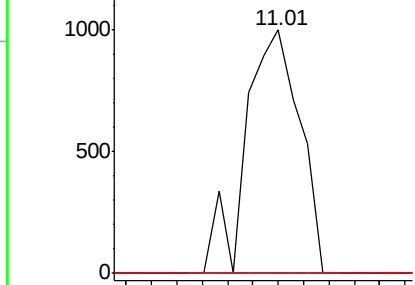
#31
Naphthalene
Concen: 0.130 ng
RT: 11.01 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BM016235.D
Acq: 08 Aug 2018 02:19

Instrument :
BNA_M
ClientSampleId :

Tot Ion:128 Resp: 1490
Ion Ratio Lower Upper
128 100
129 0.0 8.9 13.3#
127 0.0 10.4 15.6#

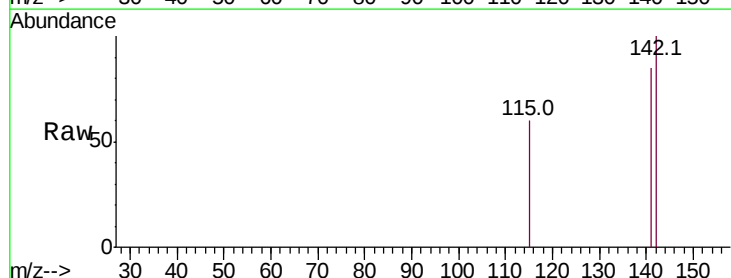


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

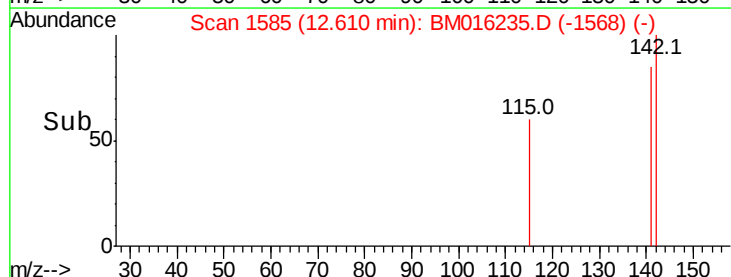
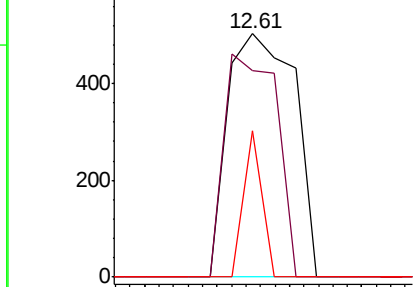


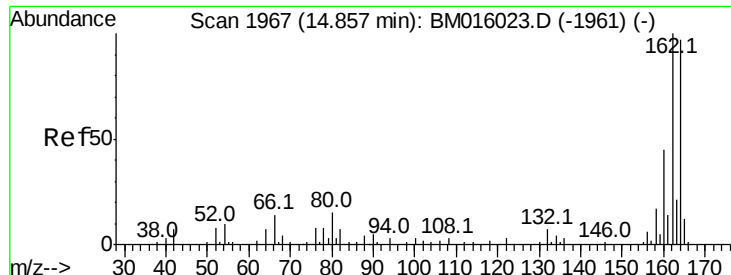
#37
2-Methylnaphthalene
Concen: 0.084 ng
RT: 12.61 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BM016235.D
Acq: 08 Aug 2018 02:19

Tgt Ion:142 Resp: 646
Ion Ratio Lower Upper
142 100
141 84.9 71.9 107.9
115 60.2 25.4 38.0#



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BM016235.D

Acq: 08 Aug 2018 02:19

Instrument :

BNA_M

ClientSampleId :

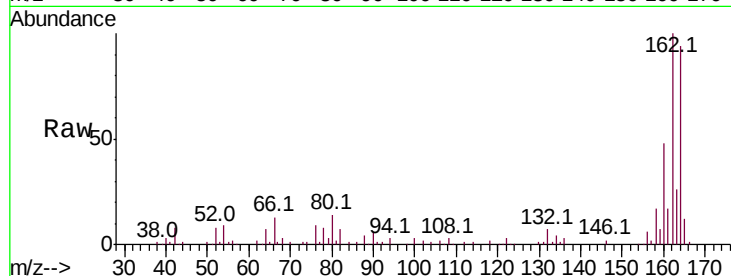
Tot Ion:164 Resp: 125261

Ion Ratio Lower Upper

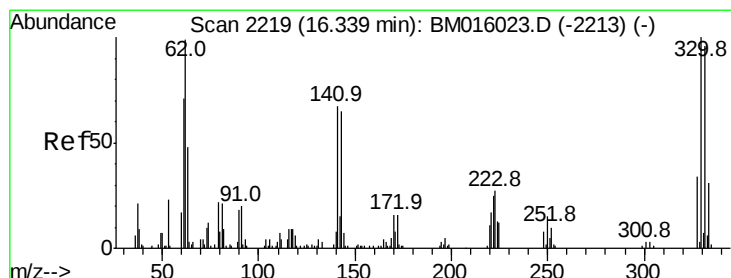
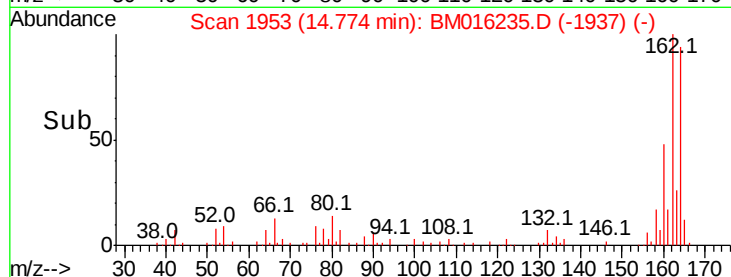
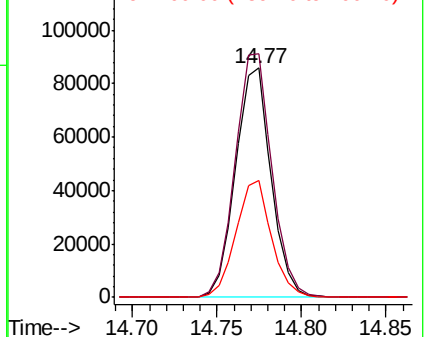
164 100

162 106.2 82.4 123.6

160 51.3 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: N.D. ng

RT: 16.26 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BM016235.D

Acq: 08 Aug 2018 02:19

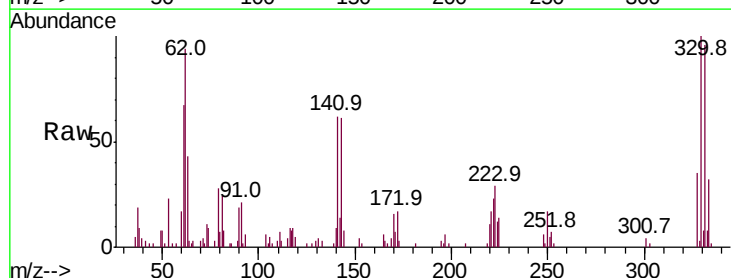
Tgt Ion:330 Resp: 25382

Ion Ratio Lower Upper

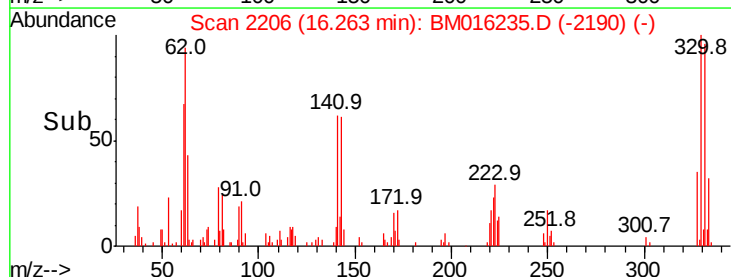
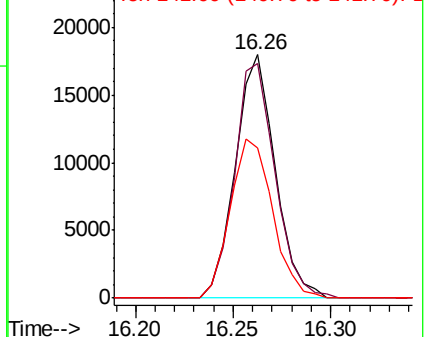
330 100

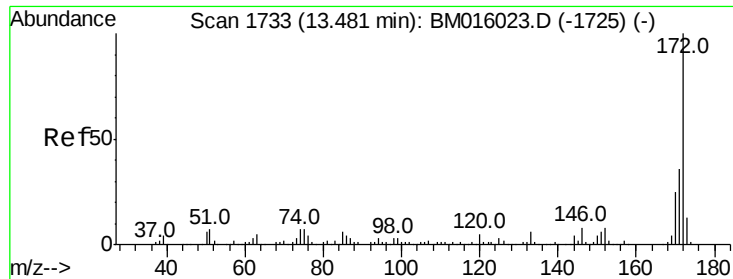
332 98.5 0.0 0.0#

141 69.7 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

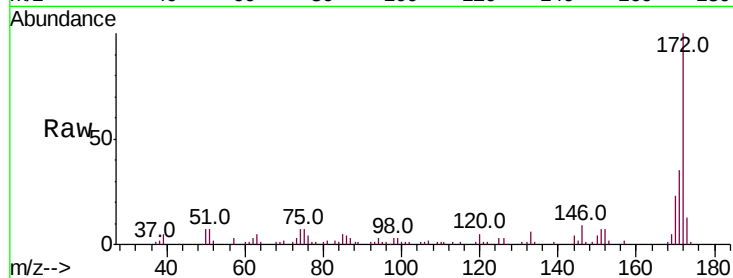




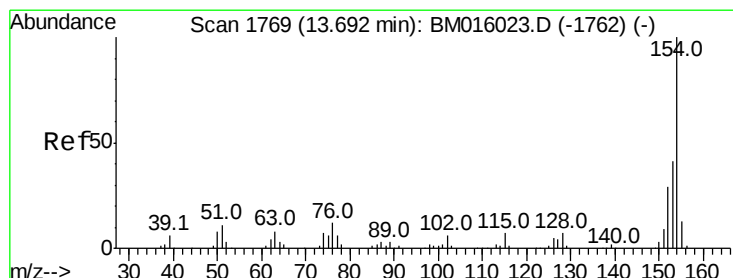
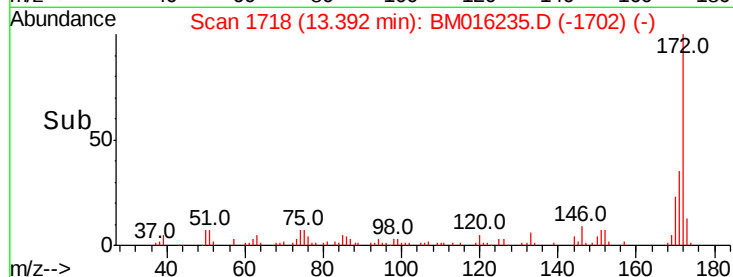
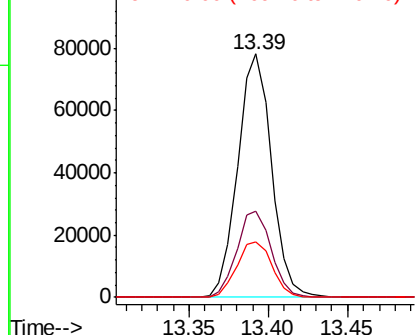
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.39 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BM016235.D
 Acq: 08 Aug 2018 02:19

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 115315
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.5 42.7
 170 23.0 18.8 28.2

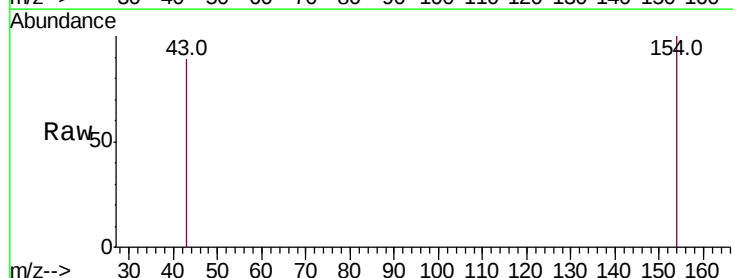


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

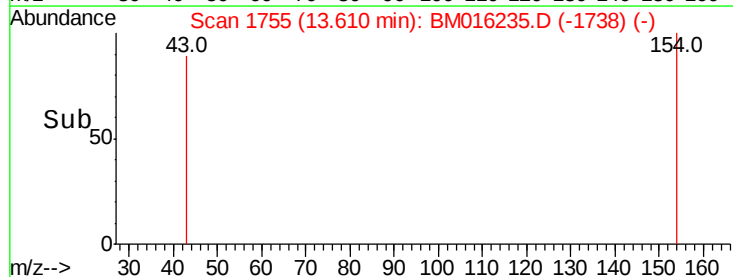
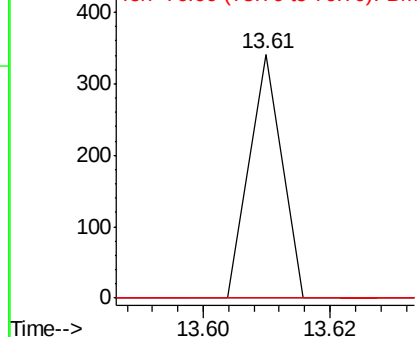


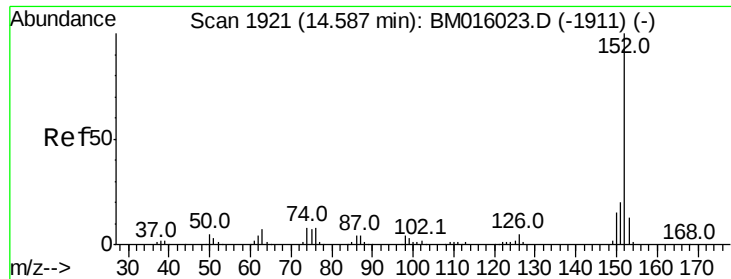
#45
 1,1'-Biphenyl
 Concen: 0.011 ng
 RT: 13.61 min Scan# 1755
 Delta R.T. 0.00 min
 Lab File: BM016235.D
 Acq: 08 Aug 2018 02:19

Tgt Ion:154 Resp: 120
 Ion Ratio Lower Upper
 154 100
 153 0.0 20.7 60.7#
 76 0.0 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: 0.392 ng

RT: 14.50 min Scan# 1907

Delta R.T. 0.00 min

Lab File: BM016235.D

Acq: 08 Aug 2018 02:19

Instrument :

BNA_M

ClientSampleId :

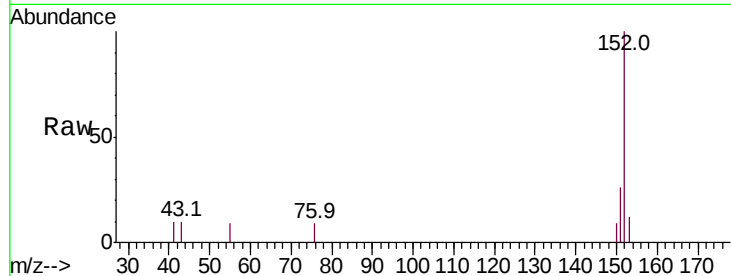
Tot Ion:152 Resp: 5048

Ion Ratio Lower Upper

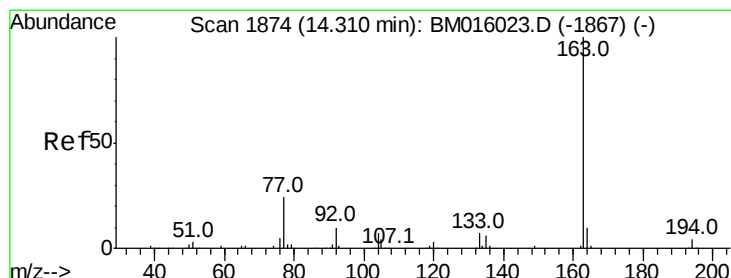
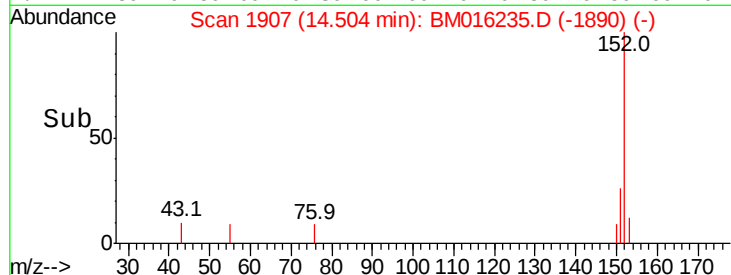
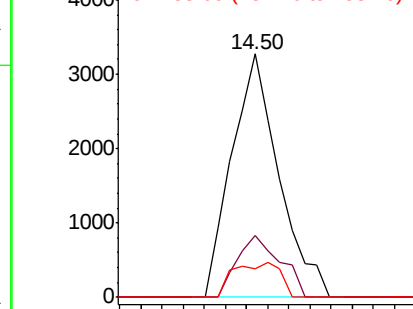
152 100

151 25.6 15.9 23.9#

153 11.5 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



#49

Dimethylphthalate

Concen: 1.080 ng

RT: 14.23 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BM016235.D

Acq: 08 Aug 2018 02:19

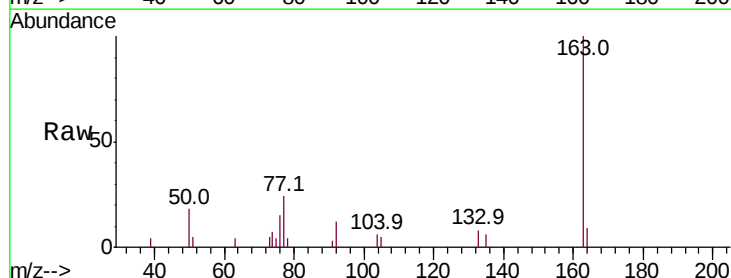
Tgt Ion:163 Resp: 11840

Ion Ratio Lower Upper

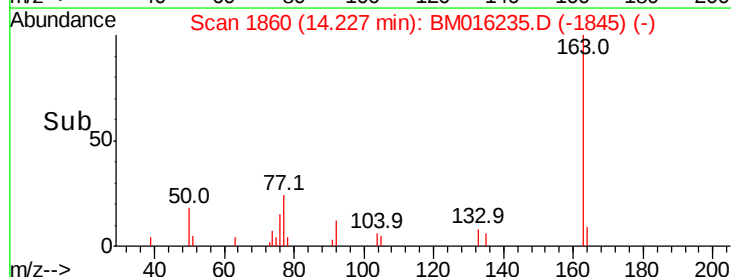
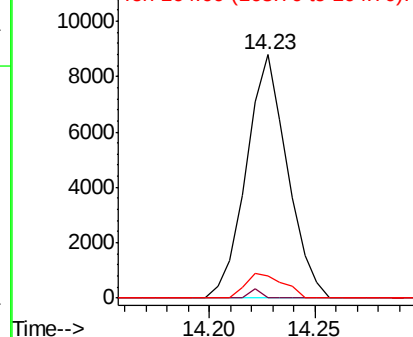
163 100

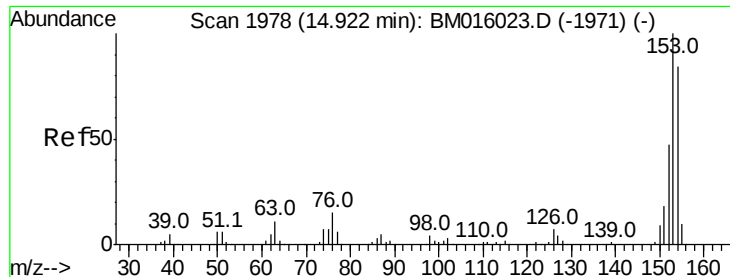
194 0.0 2.7 4.1#

164 9.1 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 0.229 ng

RT: 14.83 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BM016235.D

Acq: 08 Aug 2018 02:19

Instrument :

BNA_M

ClientSampleId :

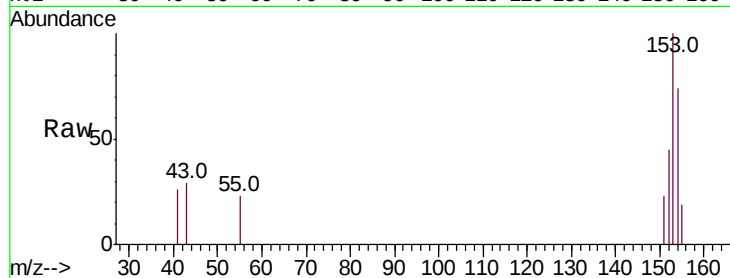
Tot Ion:154 Resp: 1811

Ion Ratio Lower Upper

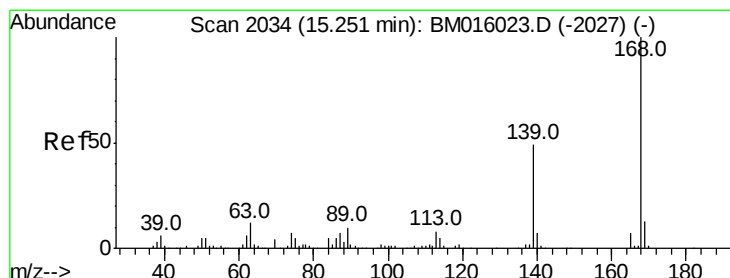
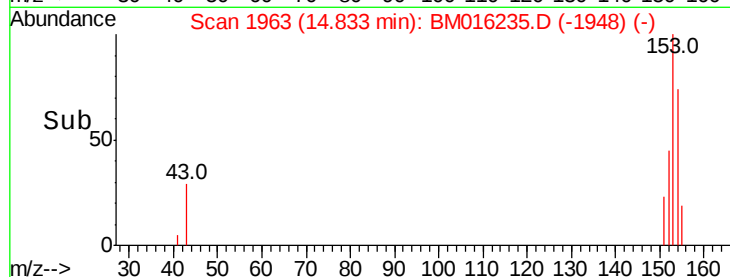
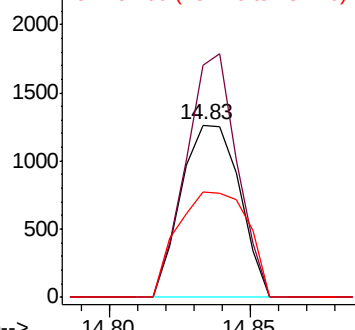
154 100

153 134.9 90.0 135.0

152 61.2 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: 0.139 ng

RT: 15.18 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BM016235.D

Acq: 08 Aug 2018 02:19

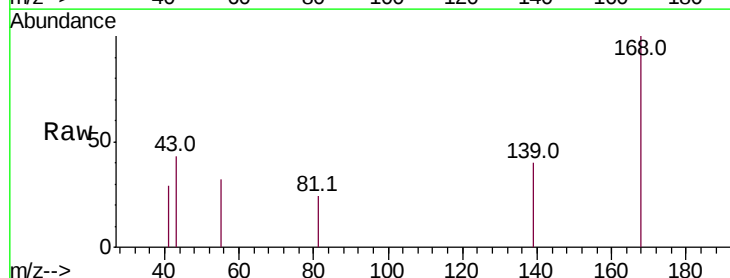
Tgt Ion:168 Resp: 1809

Ion Ratio Lower Upper

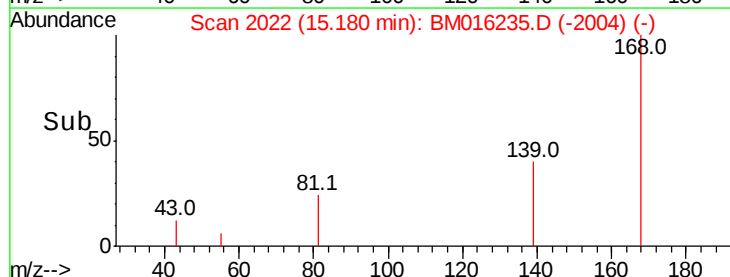
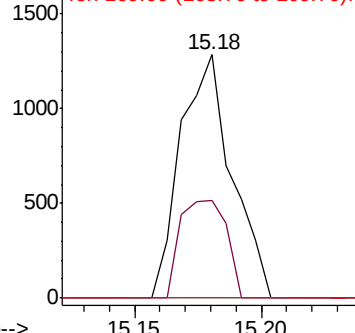
168 100

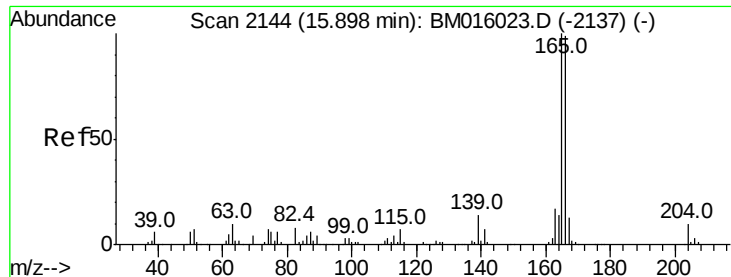
139 40.2 27.3 40.9

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

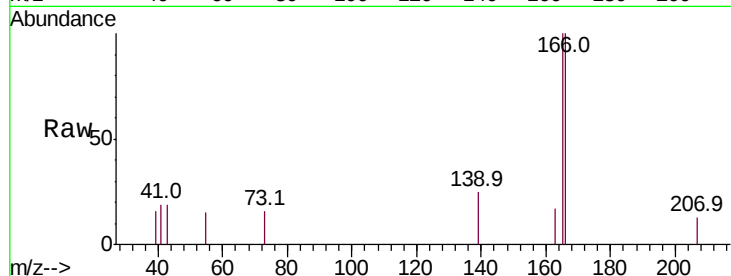




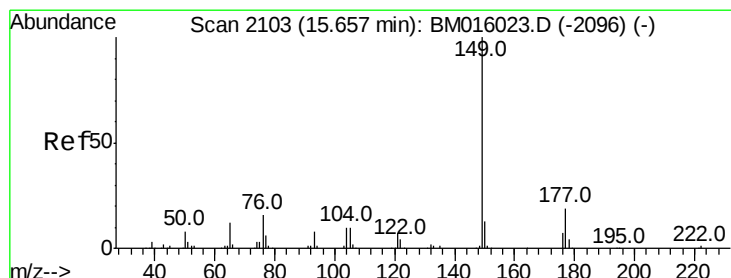
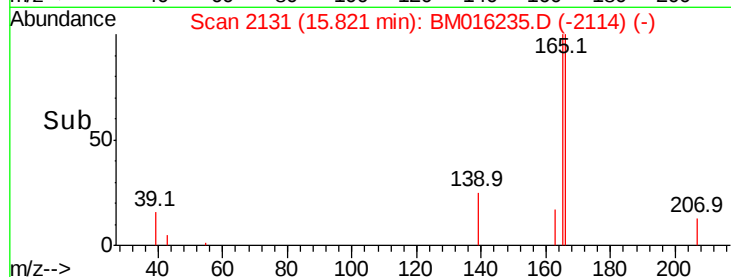
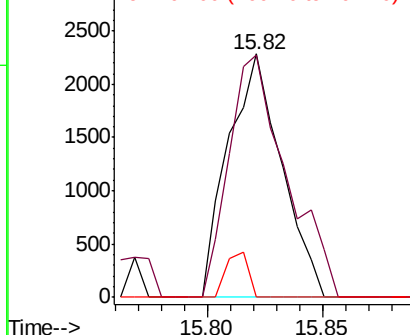
#57
 Fluorene
 Concen: 0.378 ng
 RT: 15.82 min Scan# 2131
 Delta R.T. 0.00 min
 Lab File: BM016235.D
 Acq: 08 Aug 2018 02:19

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:166 Resp: 3669
 Ion Ratio Lower Upper
 166 100
 165 99.6 79.0 118.4
 167 0.0 10.3 15.5#

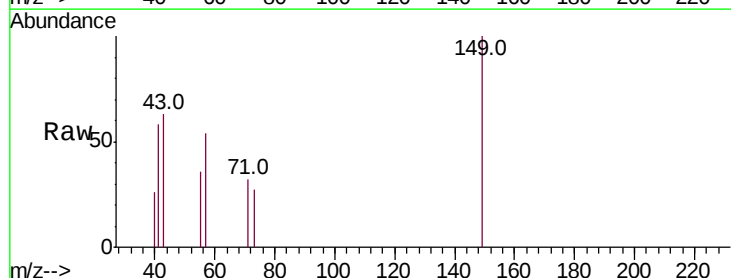


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

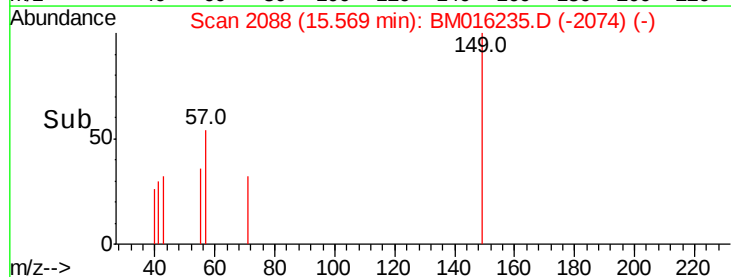
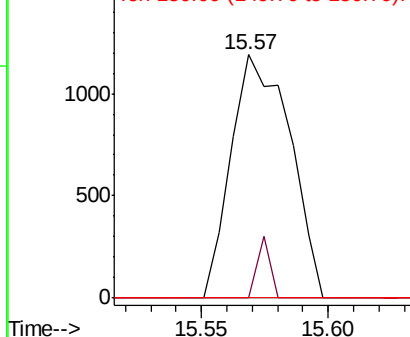


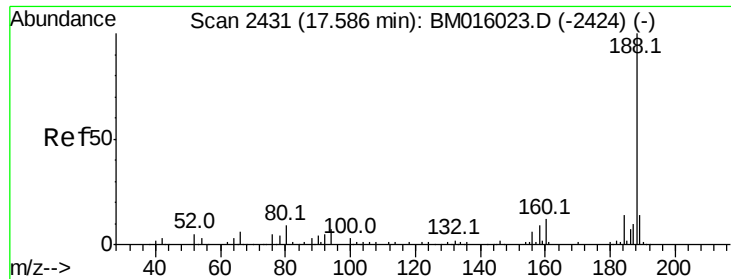
#59
 Diethylphthalate
 Concen: 0.163 ng
 RT: 15.57 min Scan# 2088
 Delta R.T. -0.02 min
 Lab File: BM016235.D
 Acq: 08 Aug 2018 02:19

Tgt Ion:149 Resp: 1921
 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

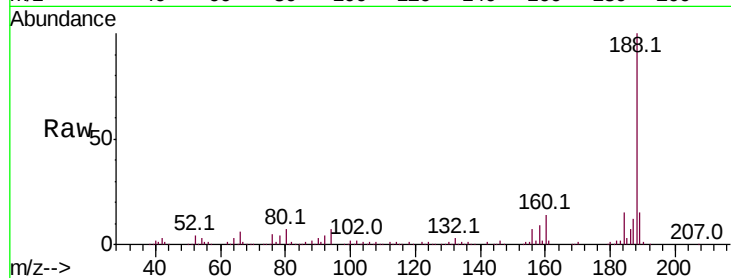




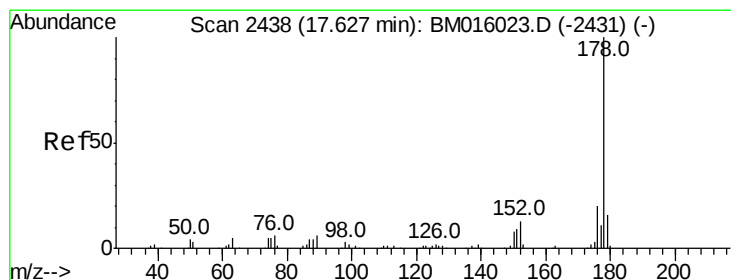
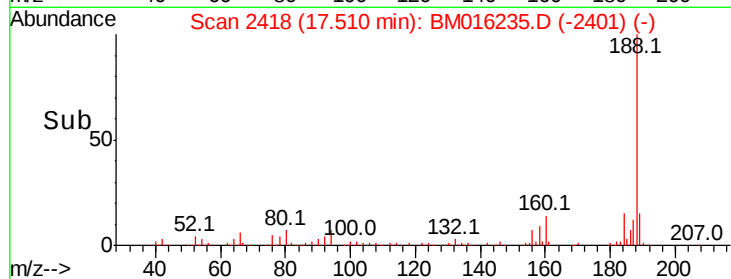
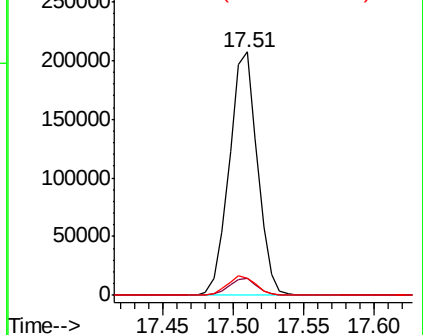
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.51 min Scan# 2418
 Delta R.T. 0.00 min
 Lab File: BM016235.D
 Acq: 08 Aug 2018 02:19

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:188 Resp: 287505
 Ion Ratio Lower Upper
 188 100
 94 6.9 8.7 13.1#
 80 7.2 9.3 13.9#

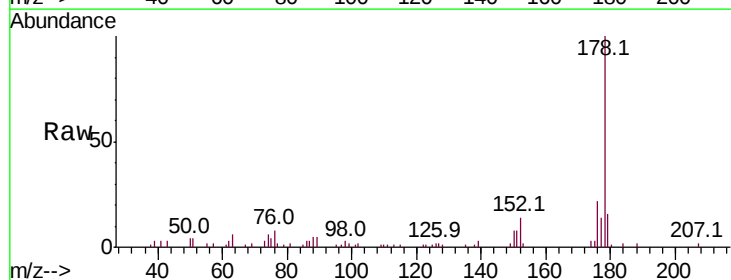


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BM
 Ion 80.00 (79.70 to 80.70): BM

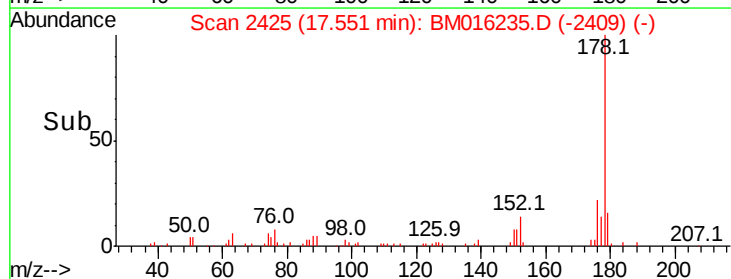
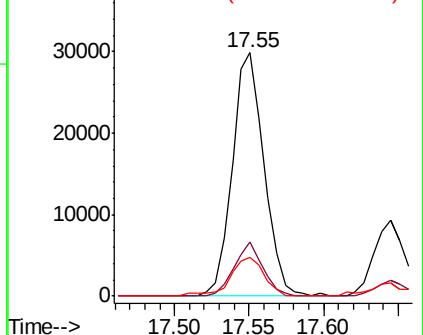


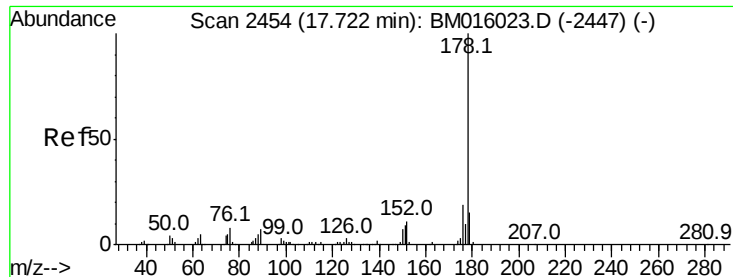
#70
 Phenanthrene
 Concen: 2.745 ng
 RT: 17.55 min Scan# 2425
 Delta R.T. -0.01 min
 Lab File: BM016235.D
 Acq: 08 Aug 2018 02:19

Tgt Ion:178 Resp: 44183
 Ion Ratio Lower Upper
 178 100
 176 22.0 15.2 22.8
 179 15.9 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

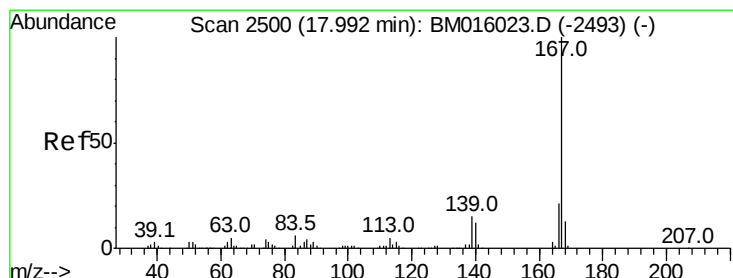
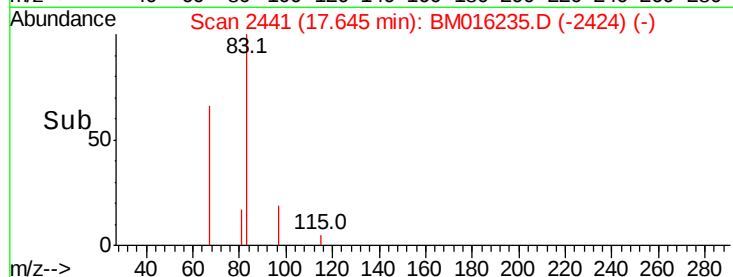
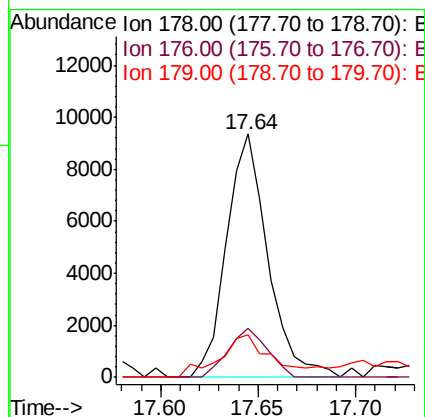
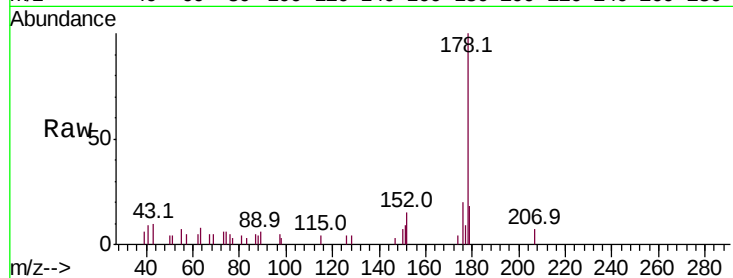




#71
 Anthracene
 Concen: 0.879 ng
 RT: 17.64 min Scan# 2441
 Delta R.T. 0.00 min
 Lab File: BM016235.D
 Acq: 08 Aug 2018 02:19

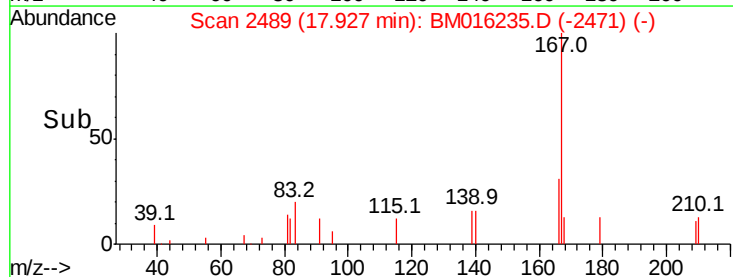
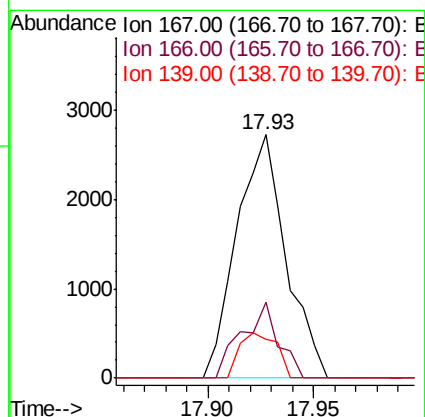
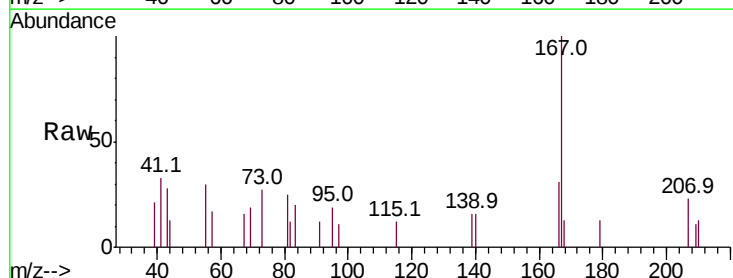
Instrument :
 BNA_M
 ClientSampleId :

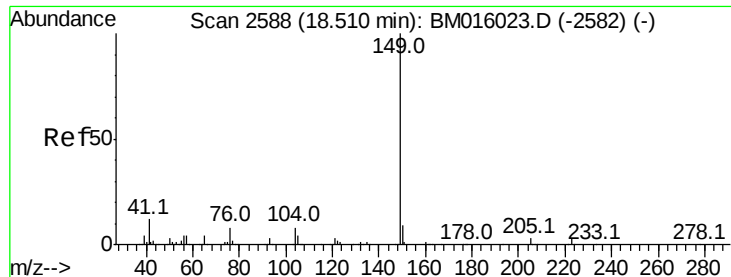
Tot Ion:178 Resp: 13751
 Ion Ratio Lower Upper
 178 100
 176 20.3 14.6 22.0
 179 17.6 12.6 19.0



#72
 Carbazole
 Concen: 0.272 ng
 RT: 17.93 min Scan# 2489
 Delta R.T. 0.01 min
 Lab File: BM016235.D
 Acq: 08 Aug 2018 02:19

Tgt Ion:167 Resp: 4415
 Ion Ratio Lower Upper
 167 100
 166 31.1 17.2 25.8#
 139 16.2 10.8 16.2

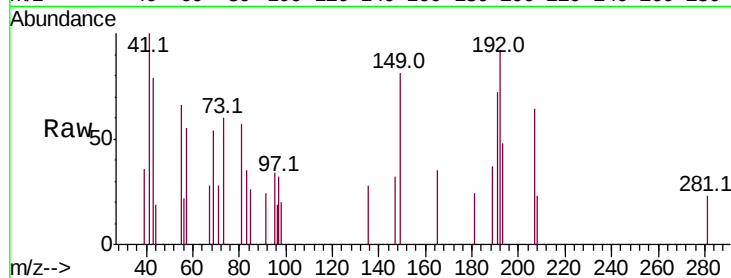




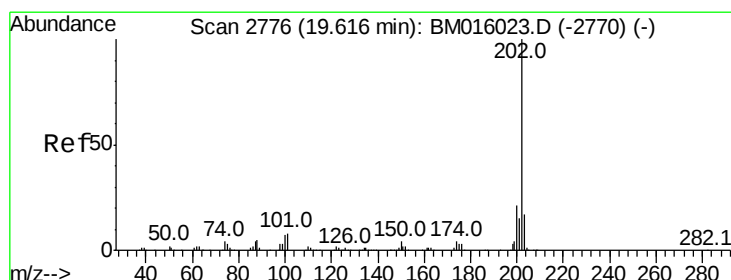
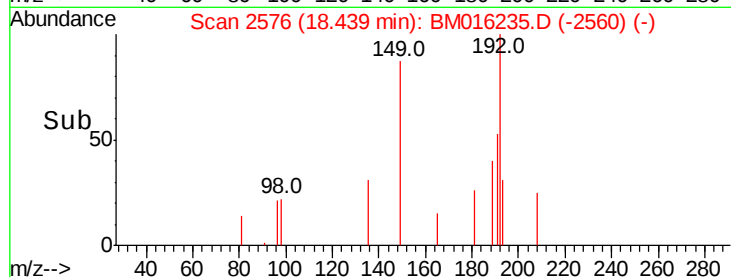
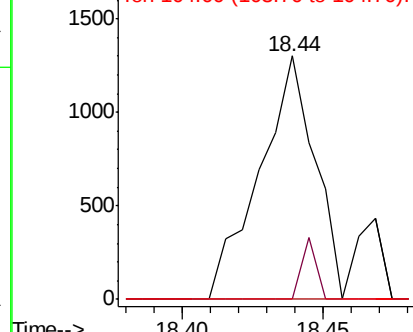
#73
Di-n-butylphthalate
Concen: 0.087 ng
RT: 18.44 min Scan# 2576
Delta R.T. -0.01 min
Lab File: BM016235.D
Acq: 08 Aug 2018 02:19

Instrument :
BNA_M
ClientSampleId :

Tot Ion:149 Resp: 1767
Ion Ratio Lower Upper
149 100
150 0.0 7.5 11.3#
104 0.0 3.7 5.5#

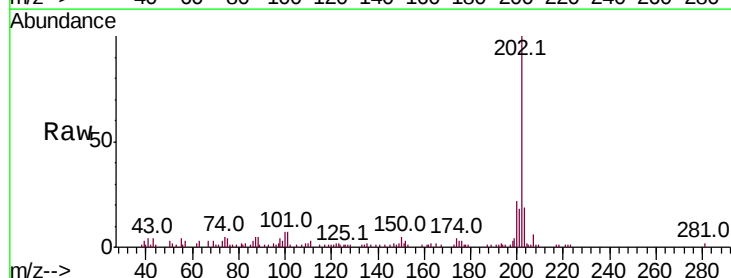


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

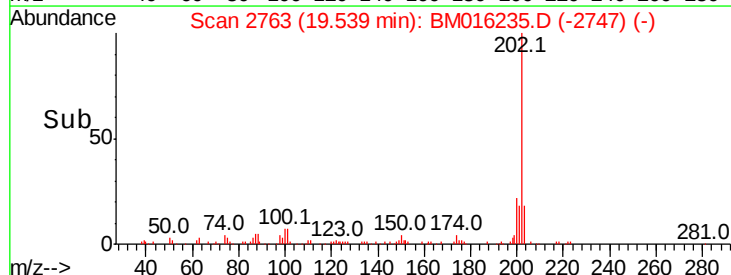
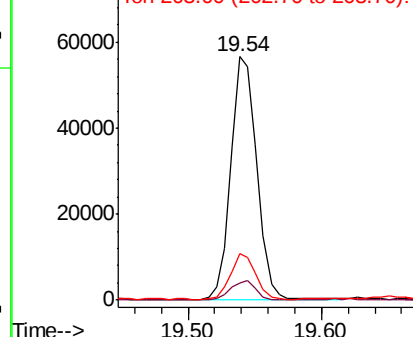


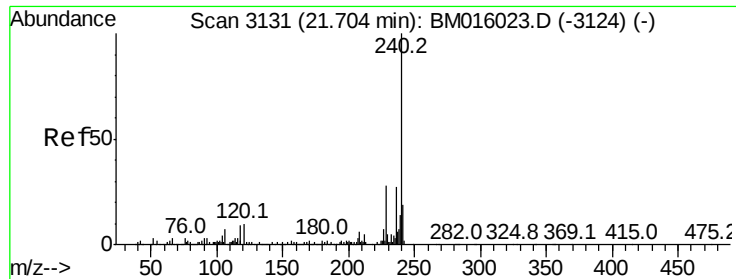
#74
Fluoranthene
Concen: 4.370 ng
RT: 19.54 min Scan# 2763
Delta R.T. -0.01 min
Lab File: BM016235.D
Acq: 08 Aug 2018 02:19

Tgt Ion:202 Resp: 78458
Ion Ratio Lower Upper
202 100
101 7.1 0.0 28.7
203 19.2 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: 20.000 ng

RT: 21.64 min Scan# 3120

Delta R.T. -0.01 min

Lab File: BM016235.D

Acq: 08 Aug 2018 02:19

Instrument :

BNA_M

ClientSampleId :

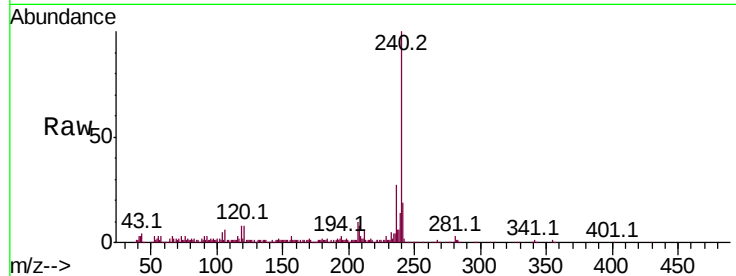
Tot Ion:240 Resp: 321640

Ion Ratio Lower Upper

240 100

120 7.9 8.2 12.2#

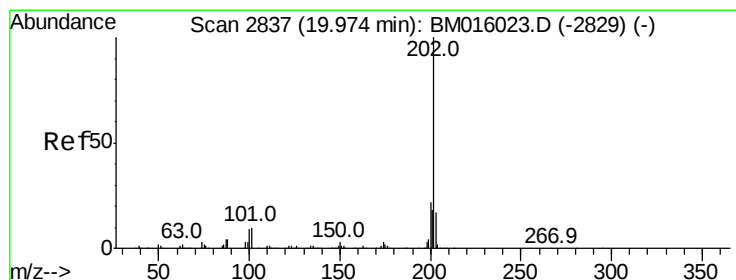
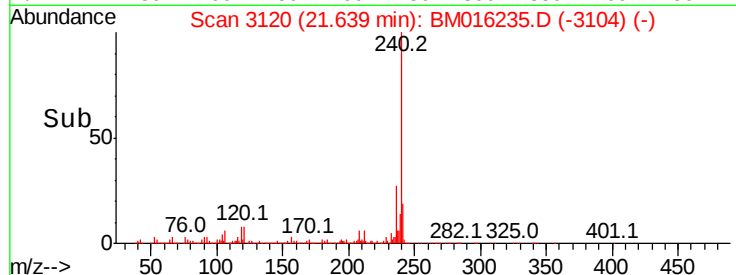
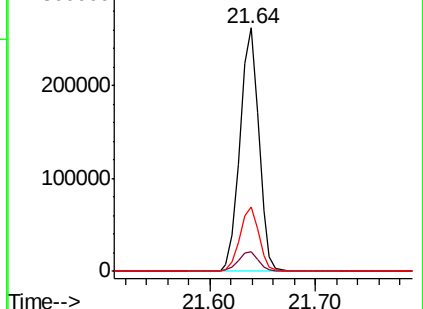
236 26.7 20.0 30.0



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: 4.008 ng

RT: 19.90 min Scan# 2825

Delta R.T. 0.00 min

Lab File: BM016235.D

Acq: 08 Aug 2018 02:19

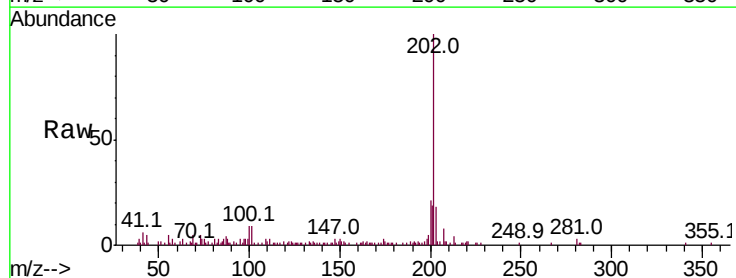
Tgt Ion:202 Resp: 77250

Ion Ratio Lower Upper

202 100

200 21.2 16.9 25.3

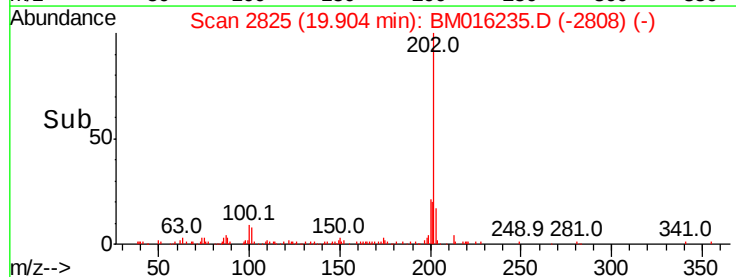
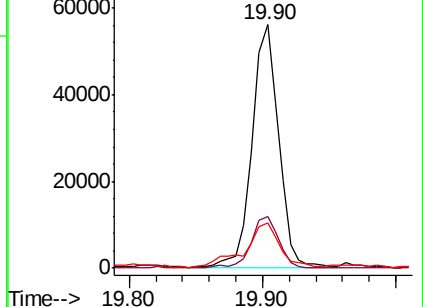
203 18.5 14.1 21.1

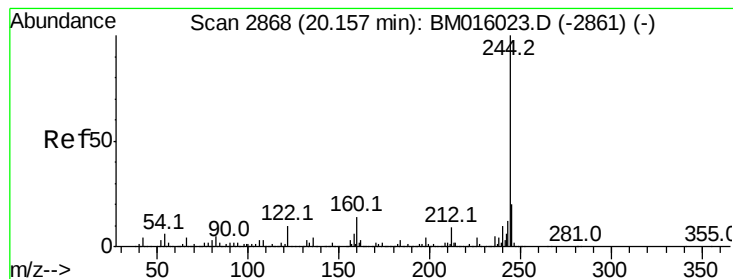


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 4.008 ng

RT: 20.09 min Scan# 2856

Delta R.T. -0.01 min

Lab File: BM016235.D

Acq: 08 Aug 2018 02:19

Instrument :

BNA_M

ClientSampleId :

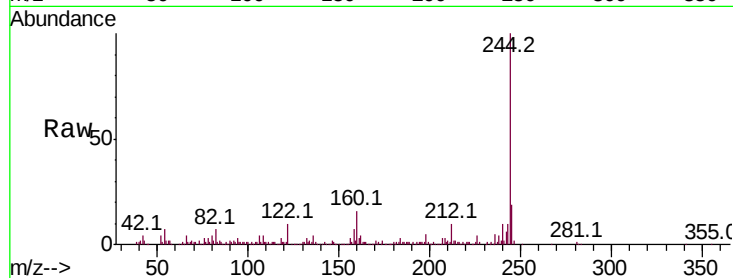
Tot Ion:244 Resp: 192088

Ion Ratio Lower Upper

244 100

212 10.0 4.9 7.3#

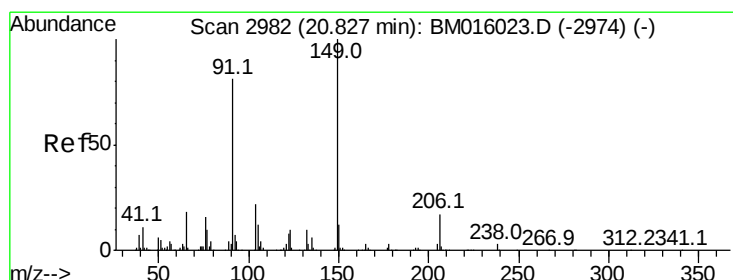
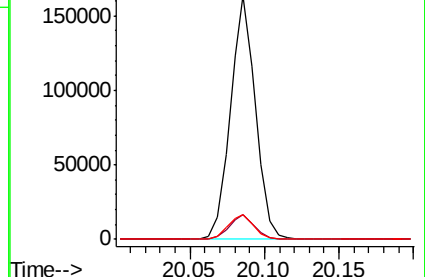
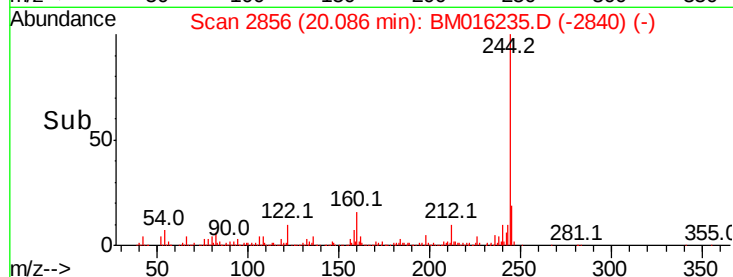
122 9.9 6.2 9.4#



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: 0.089 ng

RT: 20.76 min Scan# 2971

Delta R.T. -0.01 min

Lab File: BM016235.D

Acq: 08 Aug 2018 02:19

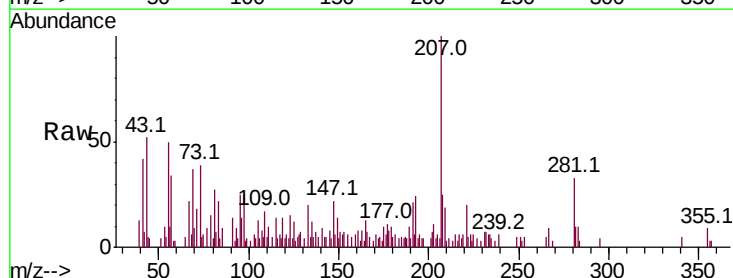
Tgt Ion:149 Resp: 876

Ion Ratio Lower Upper

149 100

91 104.9 50.1 75.1#

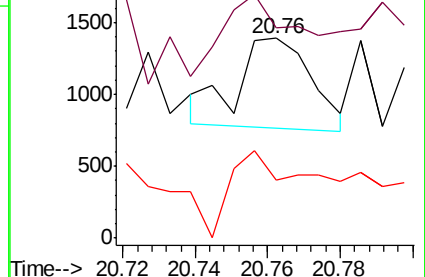
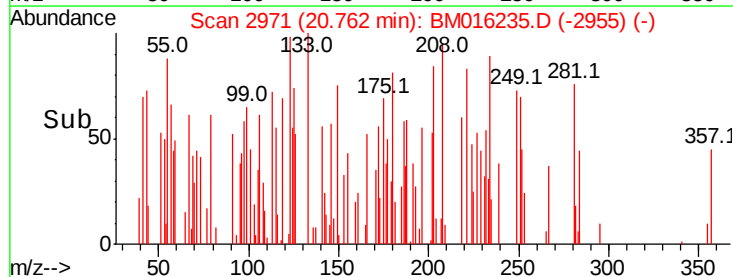
206 29.3 16.2 24.2#

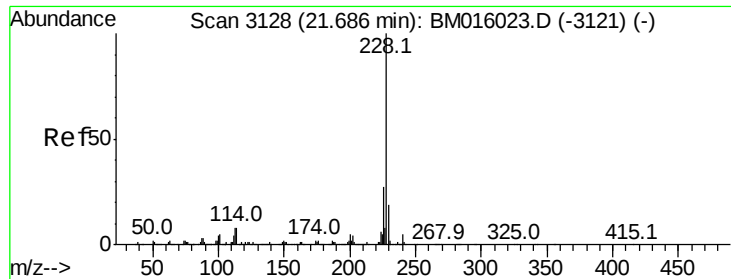


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 2.163 ng

RT: 21.62 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BM016235.D

Acq: 08 Aug 2018 02:19

Instrument :

BNA_M

ClientSampleId :

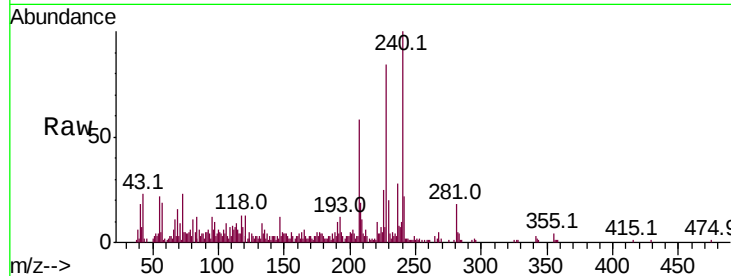
Tot Ion:228 Resp: 42857

Ion Ratio Lower Upper

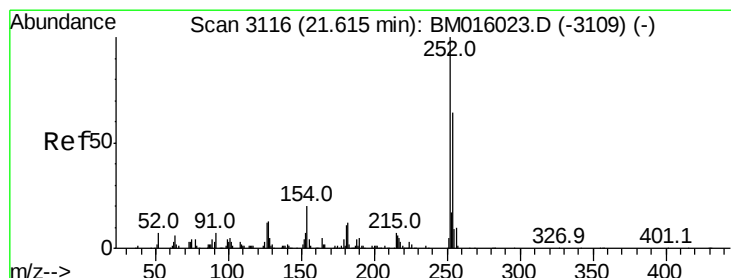
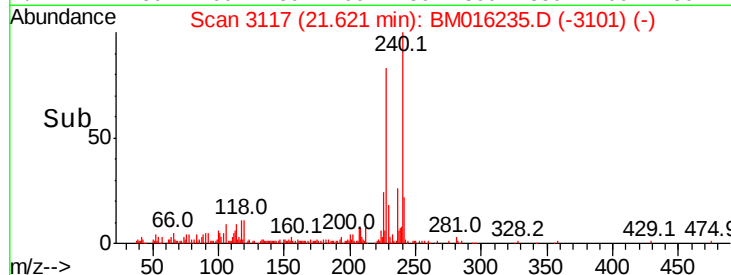
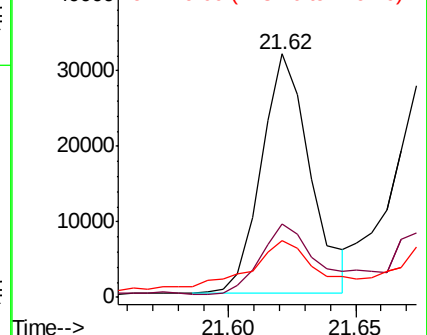
228 100

226 30.1 21.7 32.5

229 23.5 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 0.021 ng

RT: 21.58 min Scan# 3110

Delta R.T. 0.02 min

Lab File: BM016235.D

Acq: 08 Aug 2018 02:19

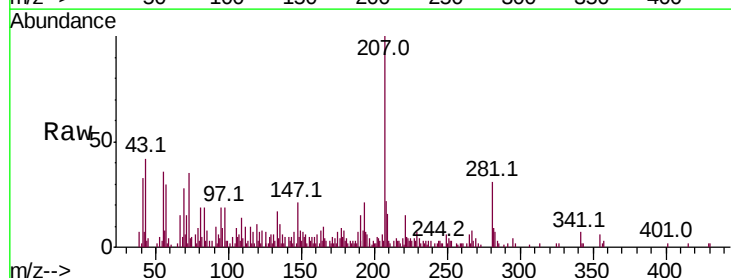
Tgt Ion:252 Resp: 164

Ion Ratio Lower Upper

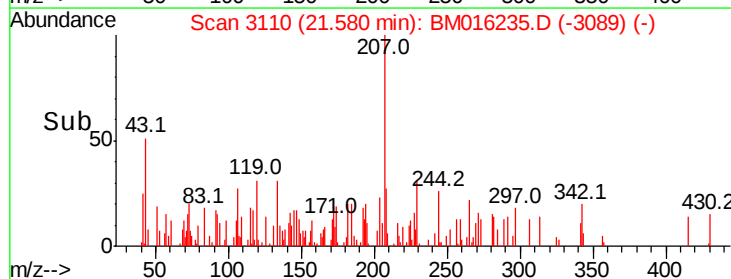
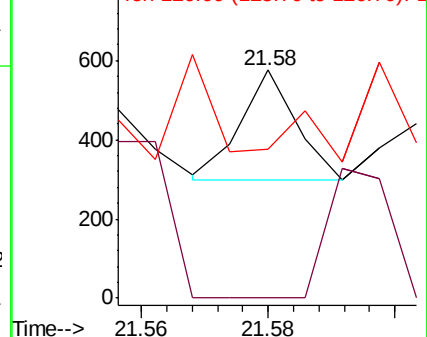
252 100

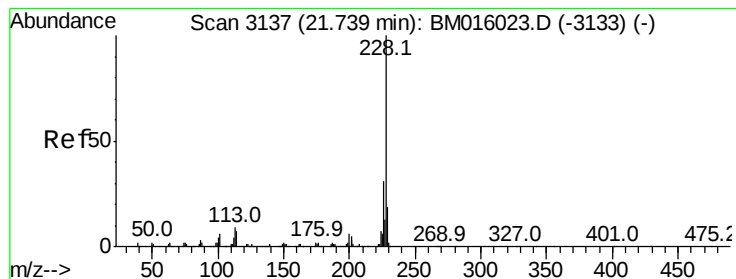
254 0.0 51.9 77.9#

126 65.3 9.8 14.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 2.075 ng

RT: 21.67 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BM016235.D

Acq: 08 Aug 2018 02:19

Instrument :

BNA_M

ClientSampleId :

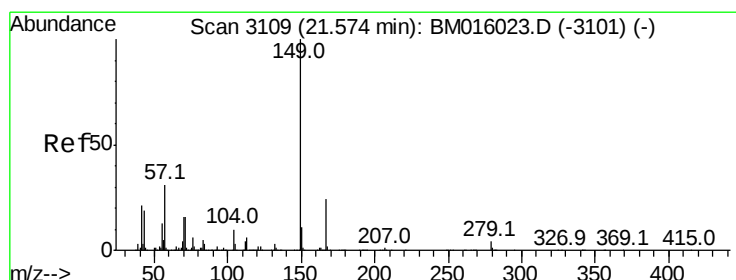
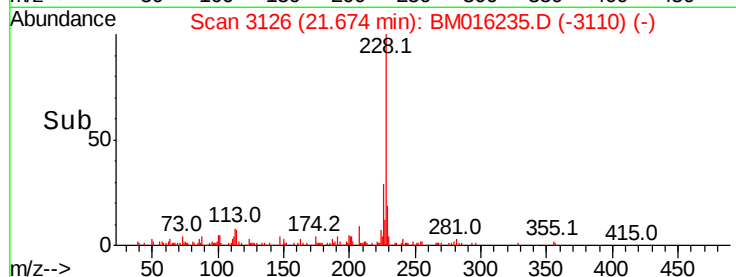
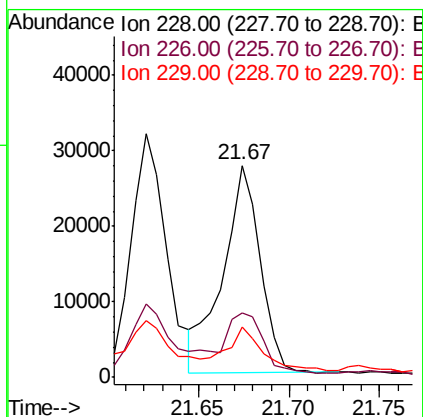
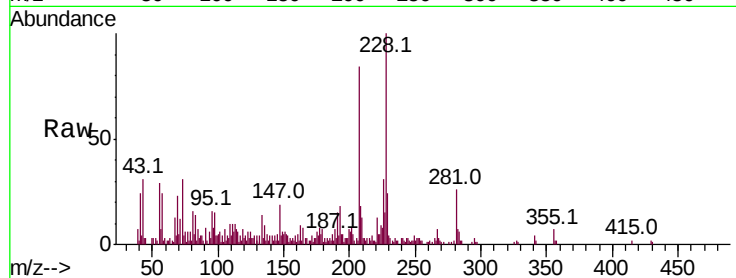
Tot Ion:228 Resp: 39436

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.1	36.1
229	23.9	15.5	23.3

228 100

226 30.7 24.1 36.1

229 23.9 15.5 23.3



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.283 ng

RT: 21.51 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BM016235.D

Acq: 08 Aug 2018 02:19

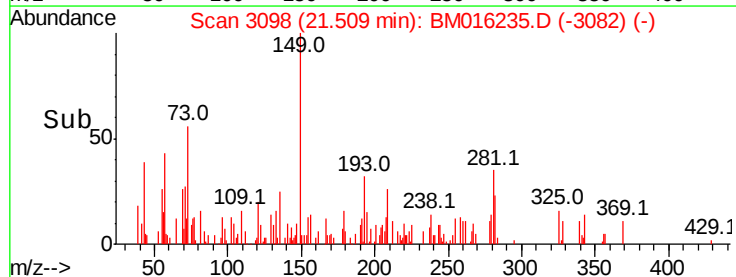
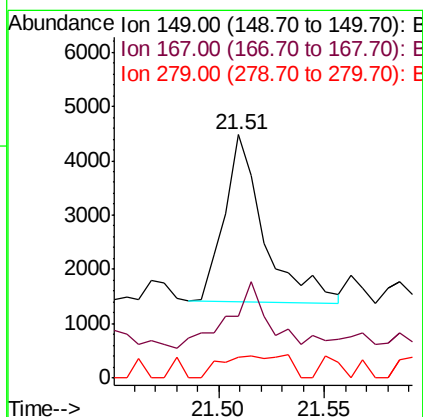
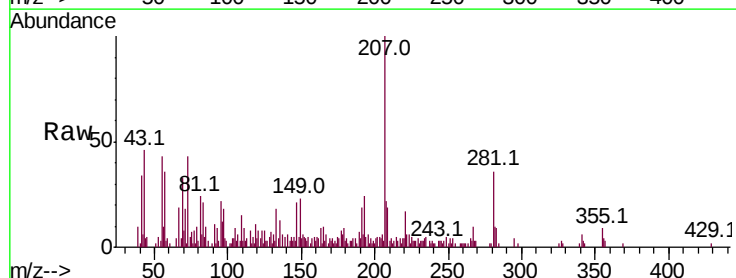
Tgt Ion:149 Resp: 4014

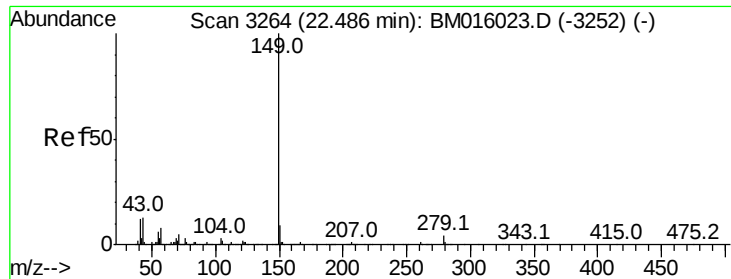
Ion	Ratio	Lower	Upper
149	100		
167	25.4	22.4	33.6
279	8.8	3.4	5.0

149 100

167 25.4 22.4 33.6

279 8.8 3.4 5.0

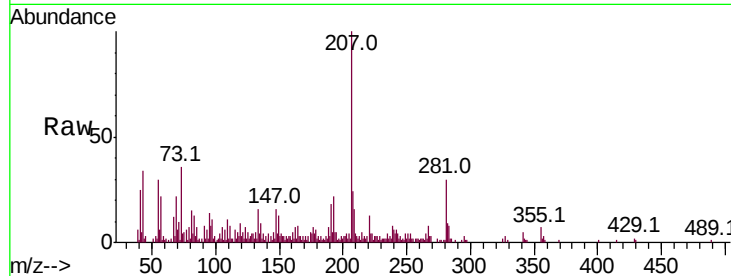




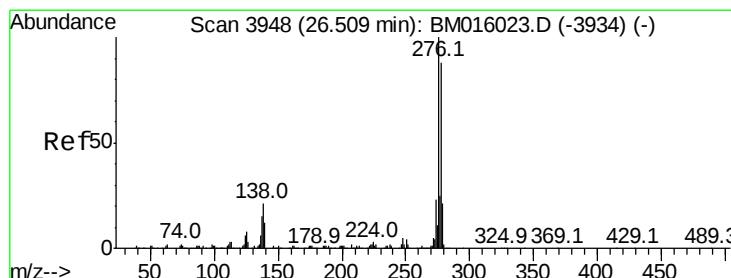
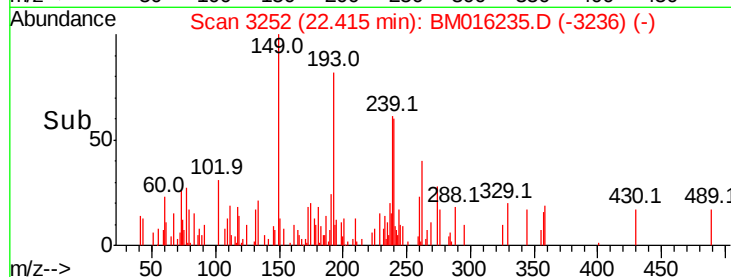
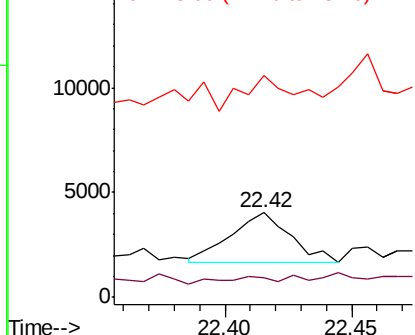
#84
Di-n-octyl phthalate
Concen: 0.161 ng
RT: 22.42 min Scan# 3252
Delta R.T. -0.01 min
Lab File: BM016235.D
Acq: 08 Aug 2018 02:19

Instrument :
BNA_M
ClientSampled :

Tot Ion:149 Resp: 3829
Ion Ratio Lower Upper
149 100
167 12.3 1.2 1.8#
43 51.1 7.3 10.9#

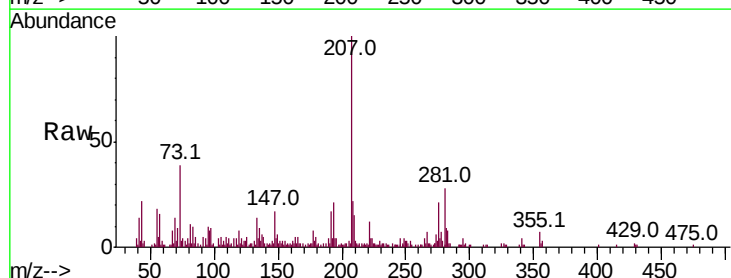


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BMO

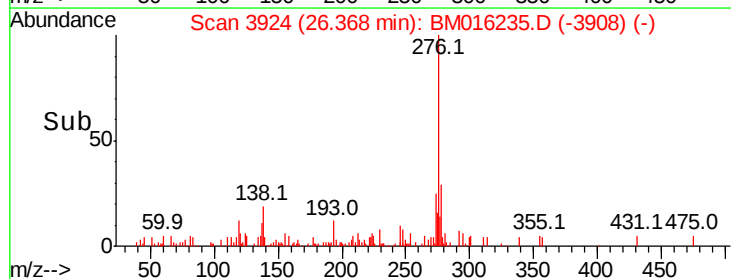
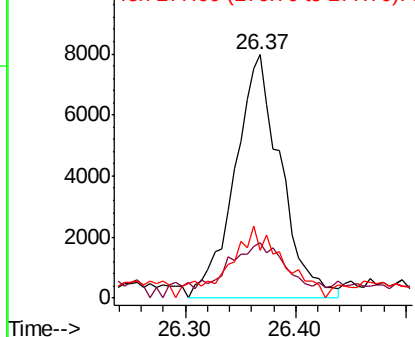


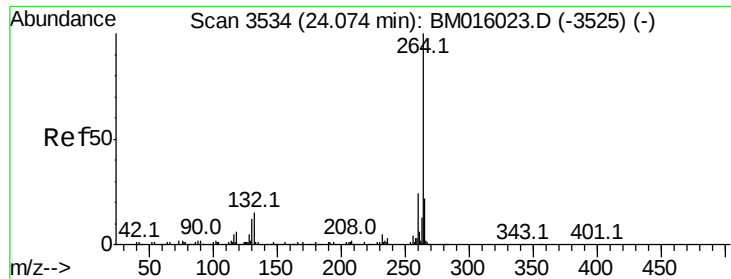
#85
Indeno(1,2,3-cd)pyrene
Concen: 1.032 ng
RT: 26.37 min Scan# 3924
Delta R.T. -0.01 min
Lab File: BM016235.D
Acq: 08 Aug 2018 02:19

Tgt Ion:276 Resp: 23279
Ion Ratio Lower Upper
276 100
138 24.6 12.0 18.0#
277 31.7 20.0 30.0#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

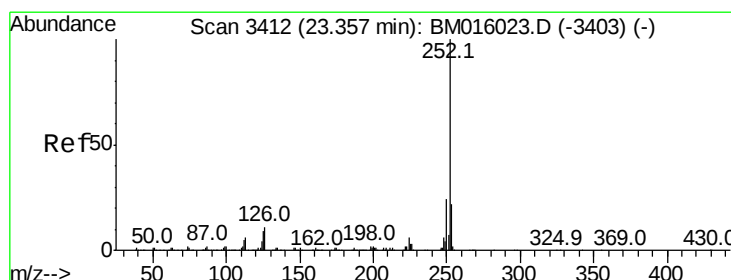
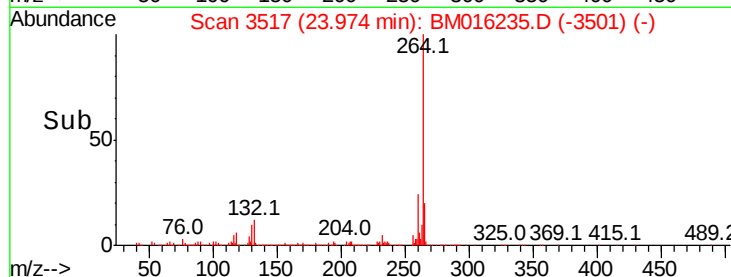
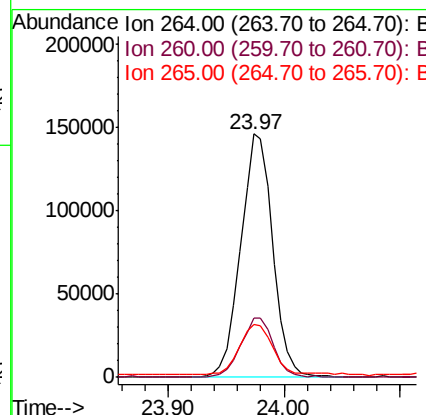
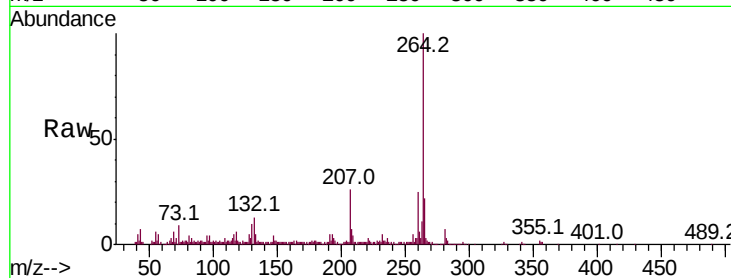




#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.97 min Scan# 3517
Delta R.T. -0.01 min
Lab File: BM016235.D
Acq: 08 Aug 2018 02:19

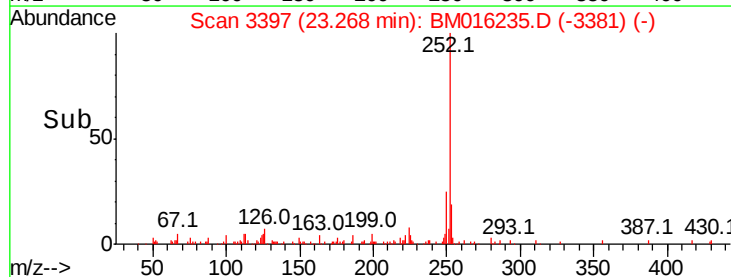
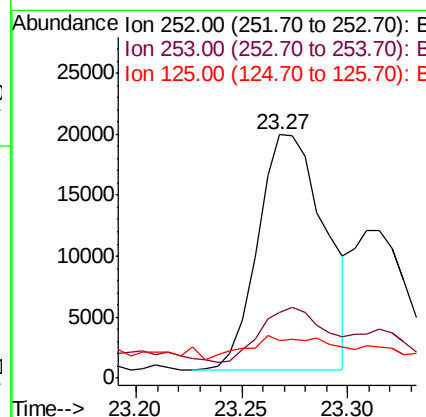
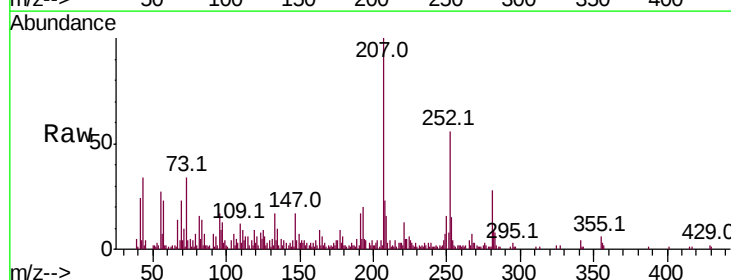
Instrument :
BNA_M
ClientSampleId :

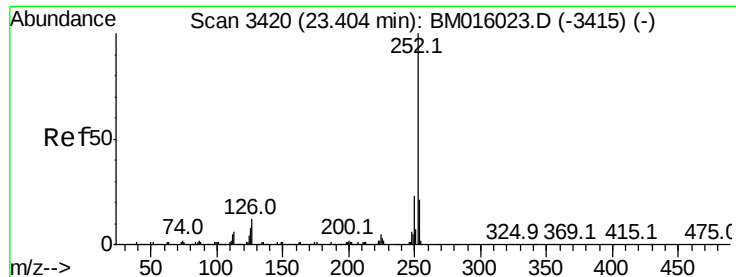
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.6	27.8
265	21.7	17.3	25.9



#87
Benzo(b)fluoranthene
Concen: 2.581 ng
RT: 23.27 min Scan# 3397
Delta R.T. -0.01 min
Lab File: BM016235.D
Acq: 08 Aug 2018 02:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.0	18.0	27.0#
125	15.2	9.9	14.9#





#88

Benzo(k)fluoranthene

Concen: 2.547 ng

RT: 23.27 min Scan# 3397

Delta R.T. -0.05 min

Lab File: BM016235.D

Acq: 08 Aug 2018 02:19

Instrument :

BNA_M

ClientSampleId :

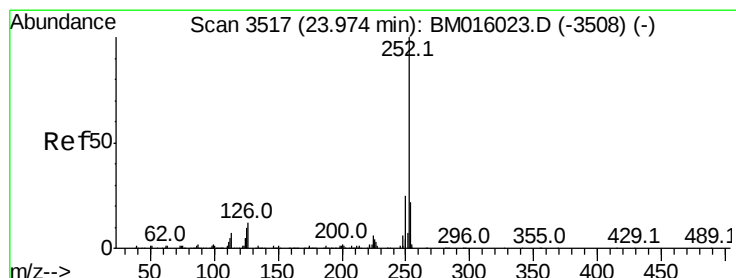
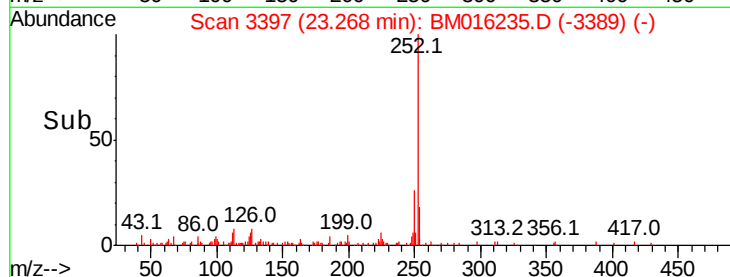
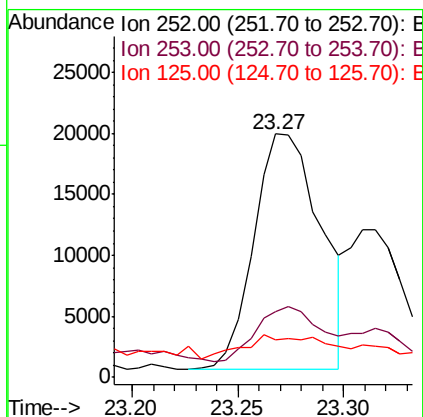
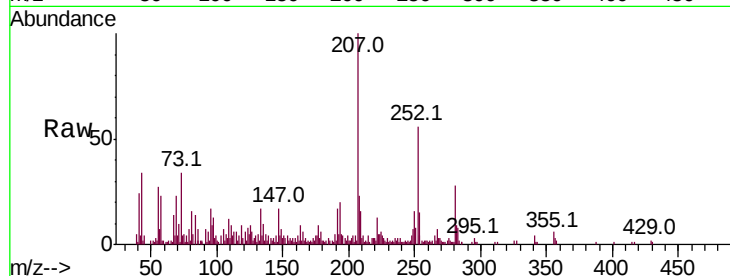
Tot Ion:252 Resp: 42715

Ion Ratio Lower Upper

252 100

253 27.0 17.2 25.8#

125 15.2 8.1 12.1#



#89

Benzo(a)pyrene

Concen: 2.185 ng

RT: 23.87 min Scan# 3500

Delta R.T. -0.01 min

Lab File: BM016235.D

Acq: 08 Aug 2018 02:19

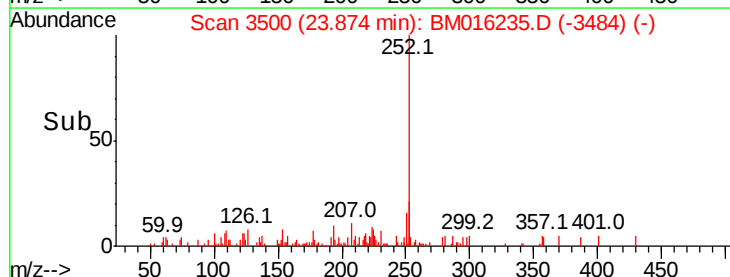
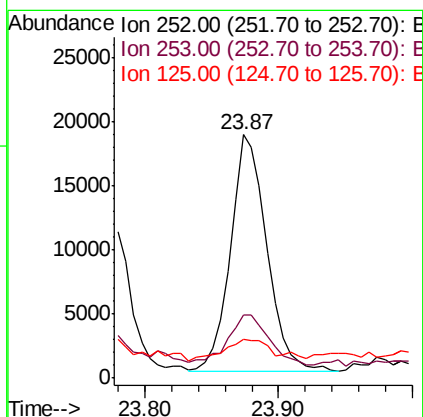
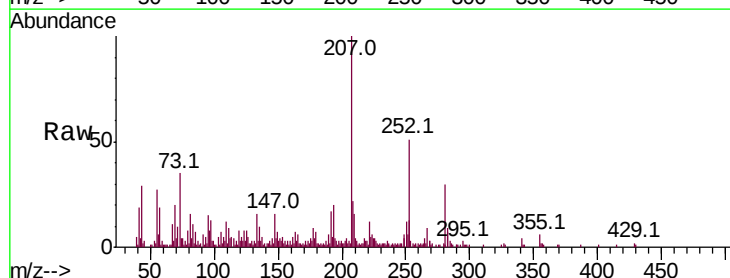
Tgt Ion:252 Resp: 34759

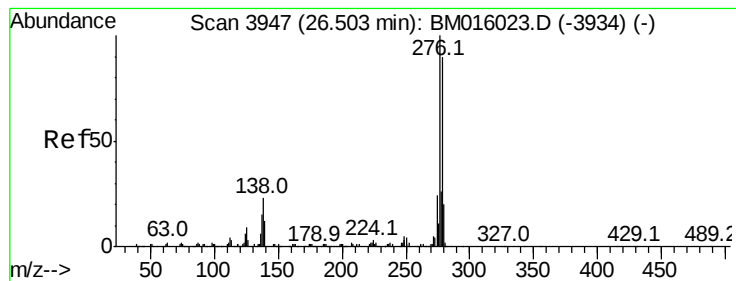
Ion Ratio Lower Upper

252 100

253 25.9 17.6 26.4

125 15.9 7.4 11.2#





#90

Dibenzo(a,h)anthracene

Concen: 0.599 ng

RT: 26.37 min Scan# 3924

Delta R.T. -0.01 min

Lab File: BM016235.D

Acq: 08 Aug 2018 02:19

Instrument :

BNA_M

ClientSampleId :

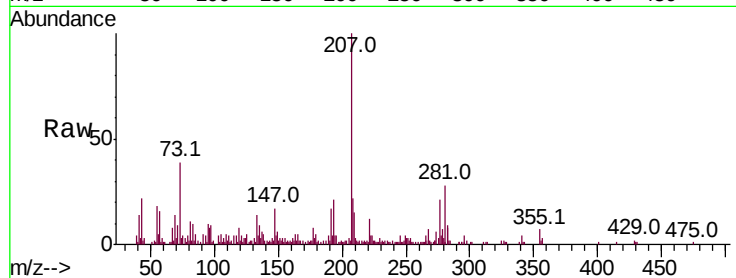
Tot Ion:278 Resp: 9867

Ion Ratio Lower Upper

278 100

139 31.7 13.4 20.0#

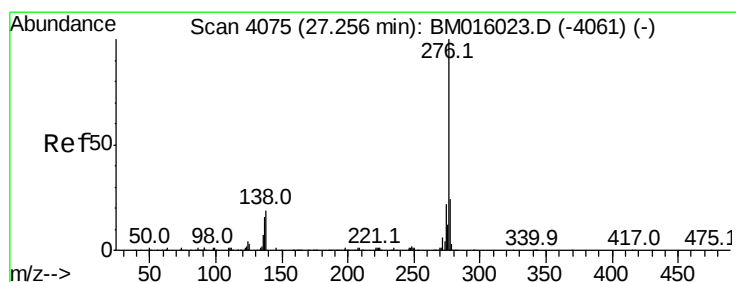
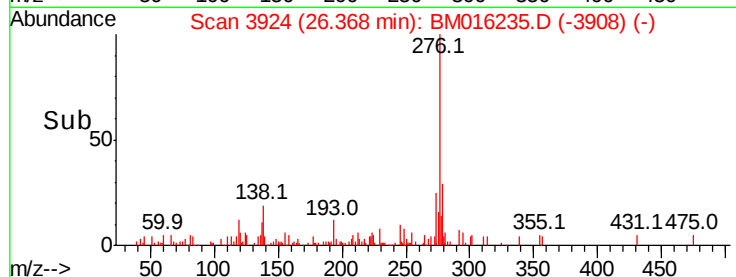
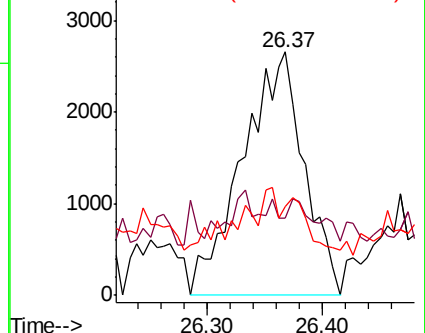
279 36.4 19.0 28.4#



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: 1.558 ng

RT: 27.10 min Scan# 4048

Delta R.T. -0.01 min

Lab File: BM016235.D

Acq: 08 Aug 2018 02:19

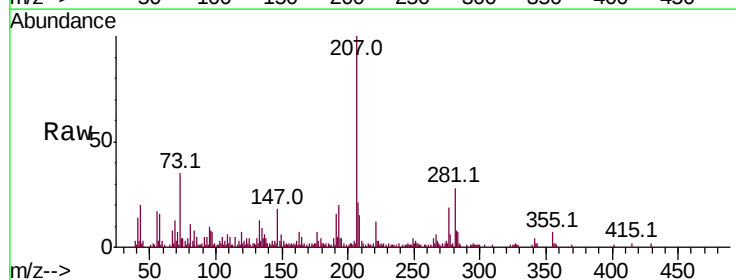
Tgt Ion:276 Resp: 24281

Ion Ratio Lower Upper

276 100

277 28.7 18.5 27.7#

138 19.3 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

