

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080718\
 Data File : BM016237.D
 Acq On : 08 Aug 2018 03:32
 Operator : SJ/JU
 Sample : J4348-01 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 08 04:05:44 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	62463	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	259757	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	142591	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	325953	20.00	ng	0.00
75) Chrysene-d12	21.64	240	323559	20.00	ng	0.00
86) Perylene-d12	23.98	264	281855	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	86969	23.13	ng	0.00
7) Phenol-d6	7.30	99	114423	23.30	ng	0.00
23) Nitrobenzene-d5	9.32	82	80302	14.38	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	36015	19.91	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	171837	14.66	ng	0.00
78) Terphenyl-d14	20.09	244	283990	18.37	ng	0.00

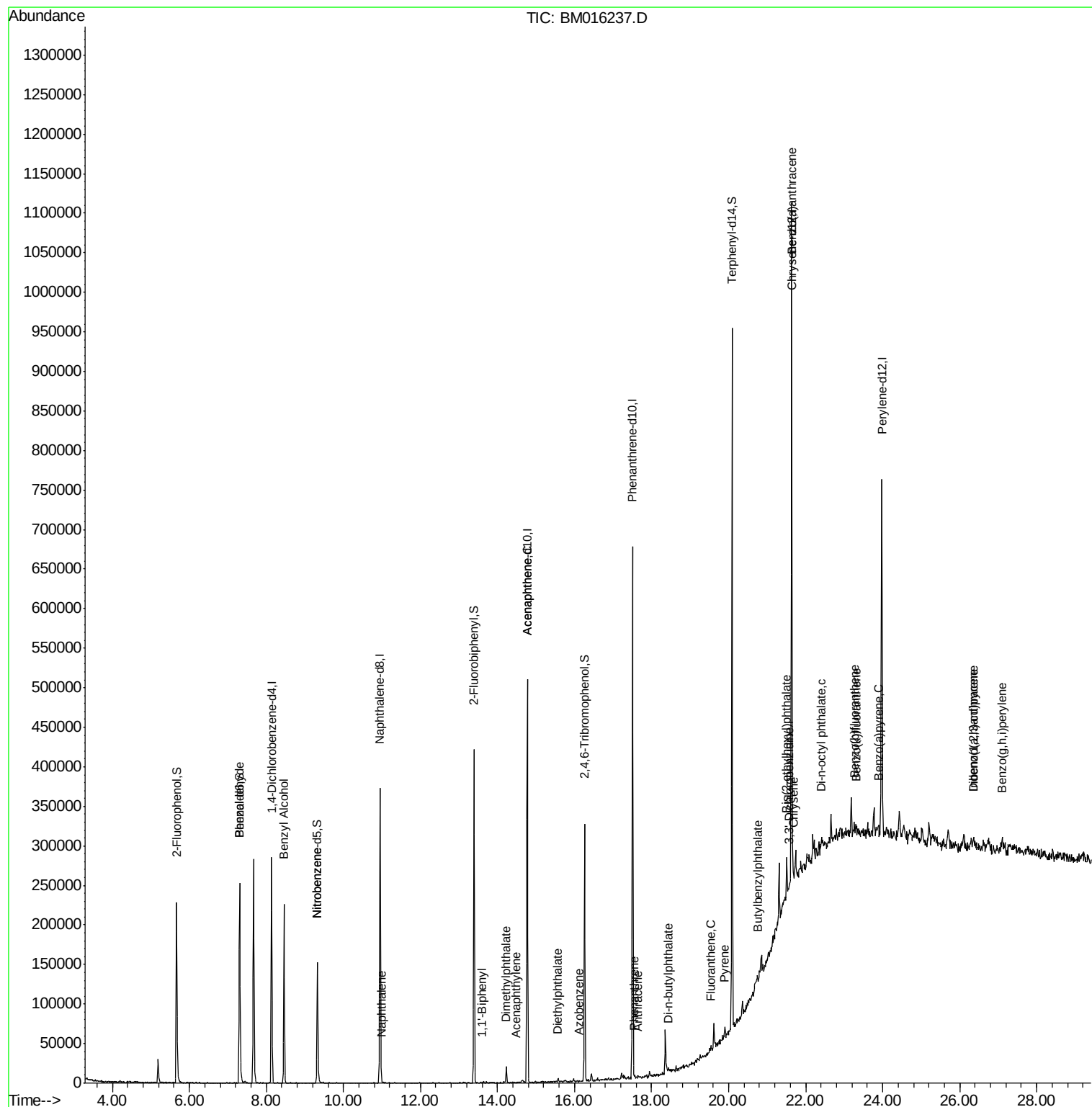
Target Compounds				Qvalue		
9) Benzaldehyde	7.30	77	264	0.077	ng	# 2
15) Benzyl Alcohol	8.46	79	1639	0.419	ng	# 33
24) Nitrobenzene	9.32	77	108	0.019	ng	# 42
31) Naphthalene	11.00	128	154	0.012	ng	# 69
45) 1,1'-Biphenyl	13.61	154	121	0.009	ng	# 42
48) Acenaphthylene	14.49	152	124	0.008	ng	# 61
49) Dimethylphthalate	14.23	163	12411	0.995	ng	# 97
51) Acenaphthene	14.77	154	444	0.049	ng	# 5
59) Diethylphthalate	15.57	149	1407	0.105	ng	# 58
62) Azobenzene	16.13	77	111	0.008	ng	# 50
70) Phenanthrene	17.54	178	1261	0.069	ng	# 60
71) Anthracene	17.64	178	131	0.007	ng	# 61
73) Di-n-butylphthalate	18.44	149	1751	0.076	ng	# 78
74) Fluoranthene	19.54	202	3721	0.183	ng	# 71
77) Pyrene	19.90	202	4208	0.217	ng	# 95
79) Butylbenzylphthalate	20.76	149	1486	0.151	ng	# 36
80) Benzo(a)anthracene	21.63	228	7441	0.373	ng	# 89
81) 3,3'-Dichlorobenzidine	21.56	252	494	0.062	ng	# 9
82) Chrysene	21.68	228	6354	0.332	ng	# 91
83) Bis(2-ethylhexyl)phthalate	21.51	149	15532	1.088	ng	# 85
84) Di-n-octyl phthalate	22.42	149	6450	0.269	ng	# 90
85) Indeno(1,2,3-cd)pyrene	26.37	276	6536	0.288	ng	# 58
87) Benzo(b)fluoranthene	23.27	252	7865	0.474	ng	# 57
88) Benzo(k)fluoranthene	23.32	252	5594	0.333	ng	# 60
89) Benzo(a)pyrene	23.89	252	6136	0.385	ng	# 36
90) Dibenzo(a,h)anthracene	26.37	278	3769	0.228	ng	# 5
91) Benzo(g,h,i)perylene	27.10	276	7992	0.511	ng	# 81

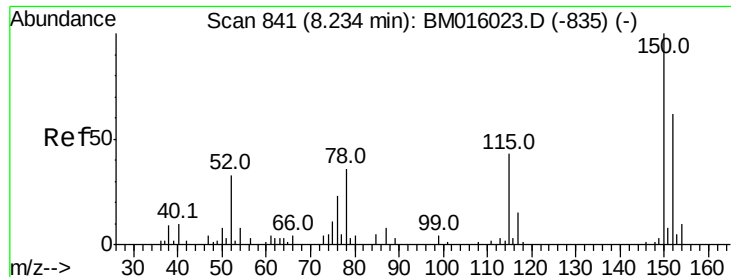
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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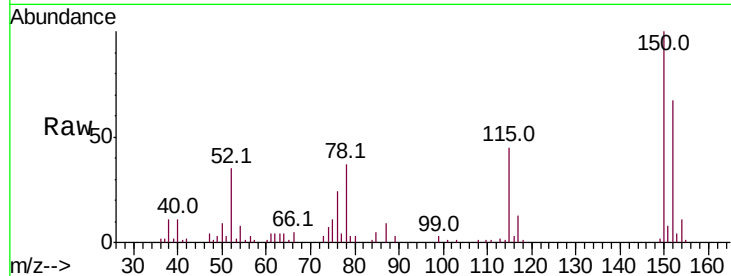


#1

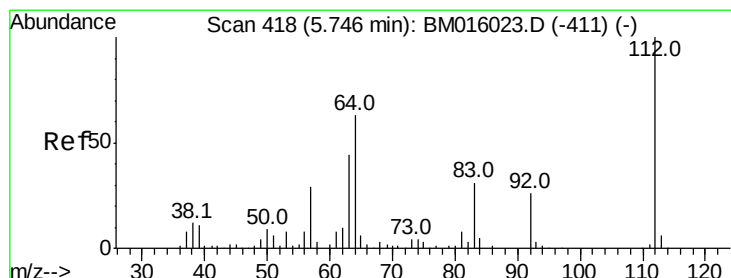
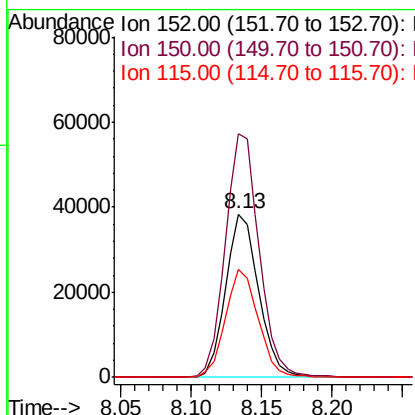
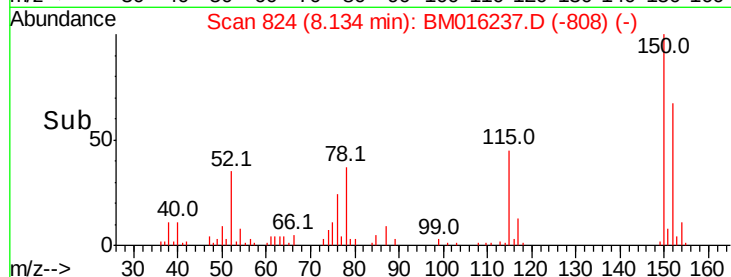
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.13 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BM016237.D
 Acq: 08 Aug 2018 03:32

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.3	119.5	179.3
115	66.5	43.0	64.4#



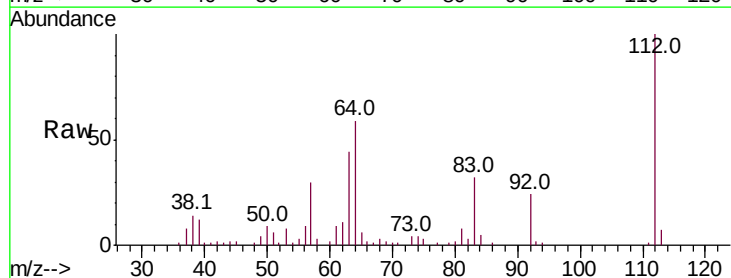
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



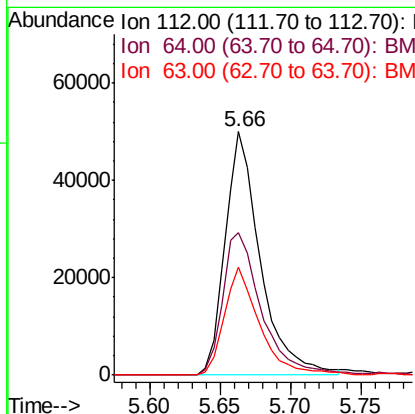
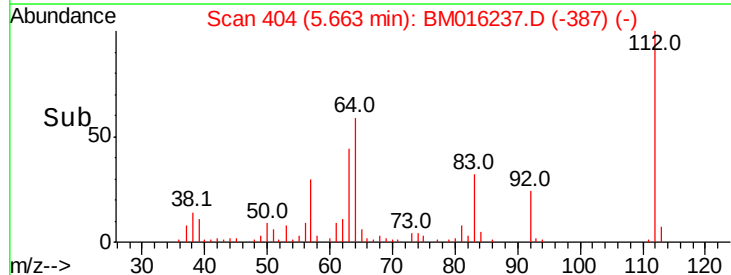
#5

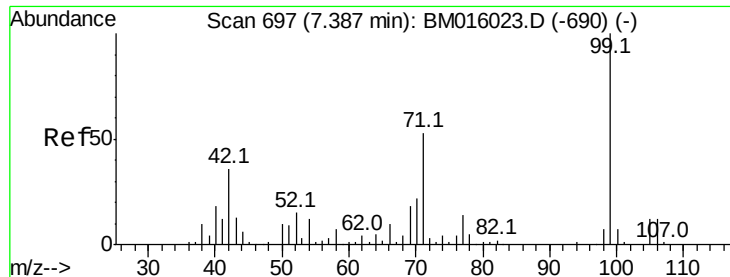
2-Fluorophenol
 Concen: N.D. ng
 RT: 5.66 min Scan# 404
 Delta R.T. -0.00 min
 Lab File: BM016237.D
 Acq: 08 Aug 2018 03:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.5	38.6	57.8#
63	44.3	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: BM016237.D

Acq: 08 Aug 2018 03:32

Instrument :

BNA_M

ClientSampleId :

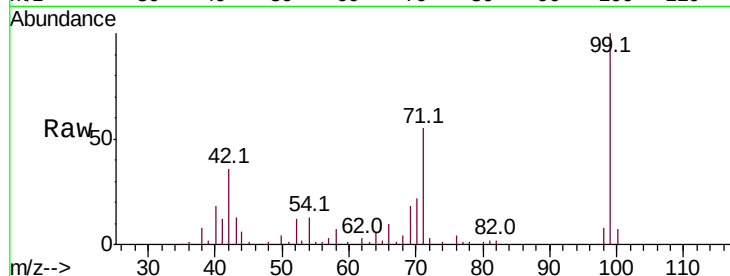
Tot Ion: 99 Resp: 114423

Ion Ratio Lower Upper

99 100

42 36.0 11.0 16.4#

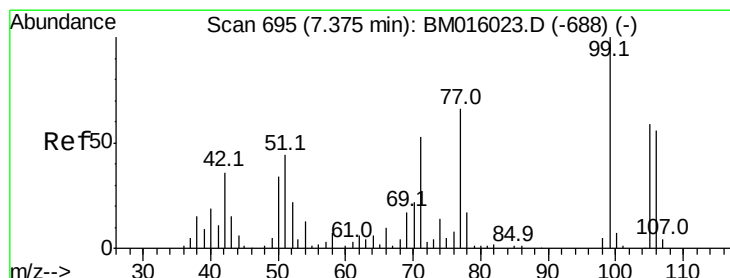
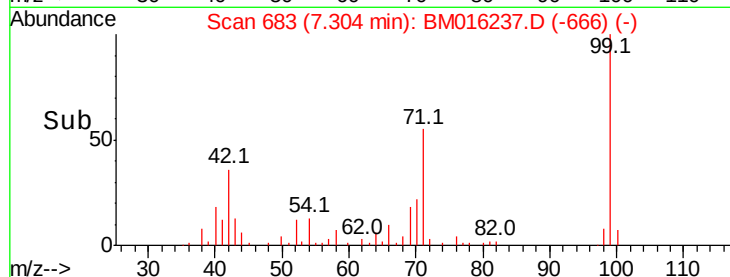
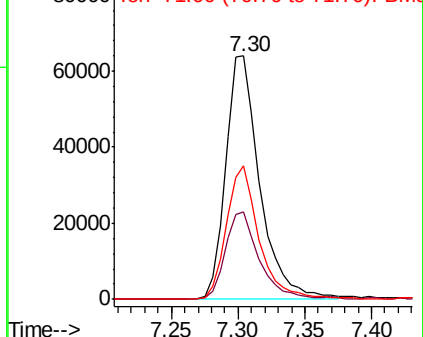
71 55.0 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016237.D (-666) (-)

Ion 42.00 (41.70 to 42.70): BM016237.D (-666) (-)

Ion 71.00 (70.70 to 71.70): BM016237.D (-666) (-)



#9

Benzaldehyde

Concen: 0.077 ng

RT: 7.30 min Scan# 682

Delta R.T. 0.01 min

Lab File: BM016237.D

Acq: 08 Aug 2018 03:32

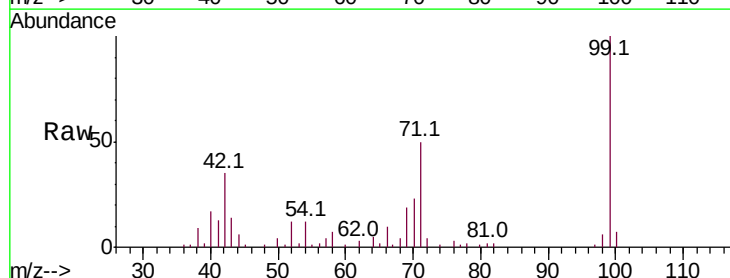
Tgt Ion: 77 Resp: 264

Ion Ratio Lower Upper

77 100

105 0.0 78.8 118.8#

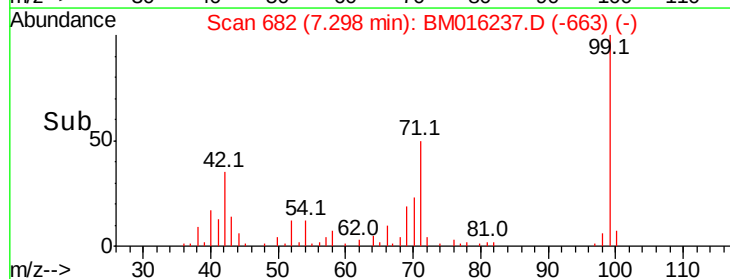
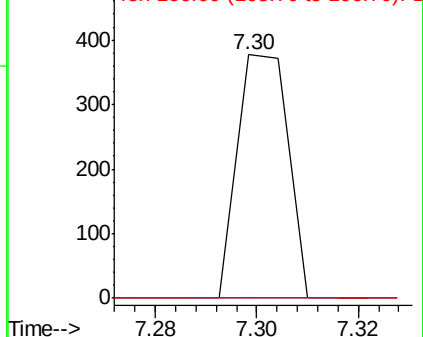
106 0.0 73.7 113.7#

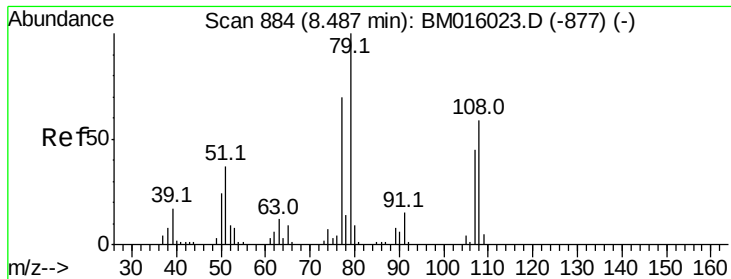


Abundance Ion 77.00 (76.70 to 77.70): BM016237.D (-663) (-)

Ion 105.00 (104.70 to 105.70): BM016237.D (-663) (-)

Ion 106.00 (105.70 to 106.70): BM016237.D (-663) (-)





#15

Benzyl Alcohol

Concen: 0.419 ng

RT: 8.46 min Scan# 879

Delta R.T. 0.06 min

Lab File: BM016237.D

Acq: 08 Aug 2018 03:32

Instrument :

BNA_M

ClientSampled :

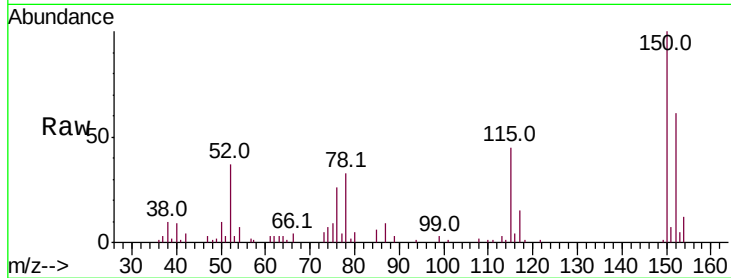
Tot Ion: 79 Resp: 1639

Ion Ratio Lower Upper

79 100

108 69.4 65.0 97.4

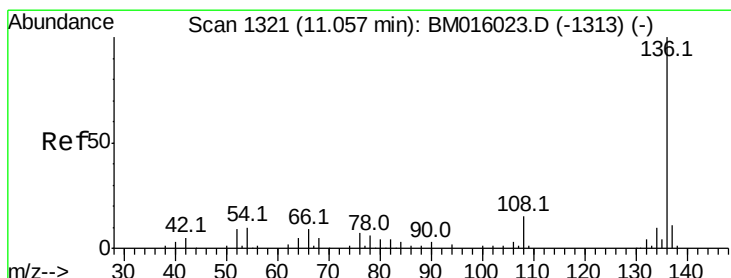
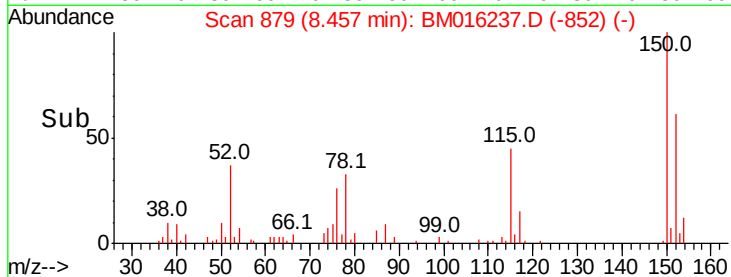
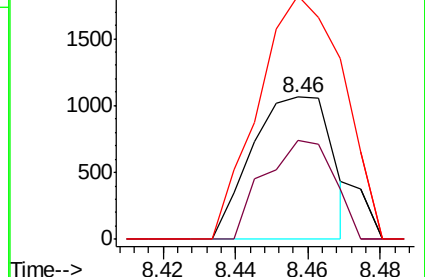
77 171.5 53.0 79.6#



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: BM016237.D

Acq: 08 Aug 2018 03:32

Tgt Ion: 136 Resp: 259757

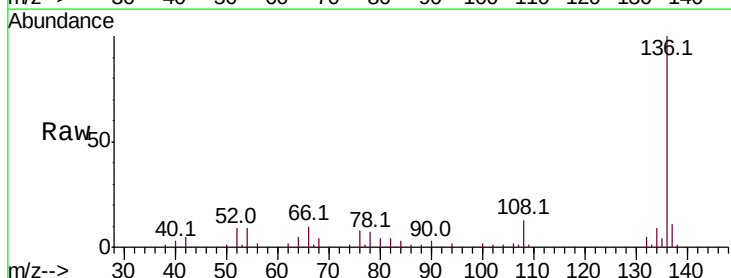
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 9.3 4.6 6.8#

68 4.1 3.7 5.5

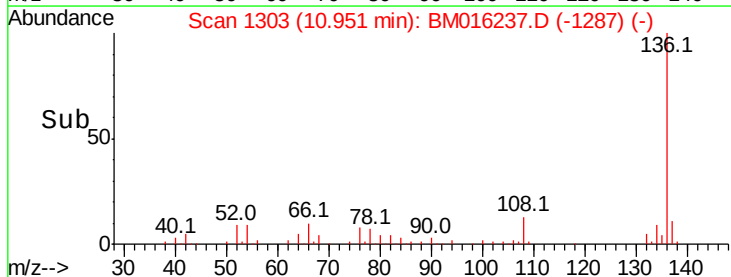
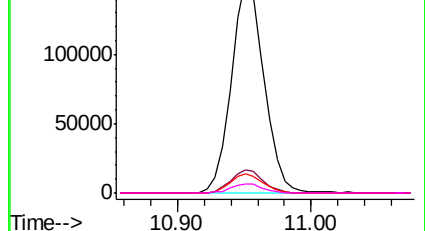


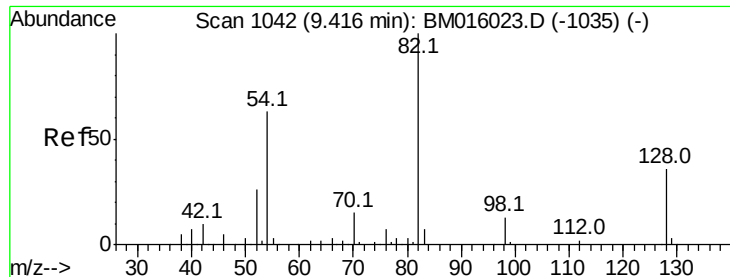
Abundance Ion 136.00 (135.70 to 136.70): BM016023.D (-1313) (-)

Ion 137.00 (136.70 to 137.70): BM016023.D (-1313) (-)

Ion 54.00 (53.70 to 54.70): BM016023.D (-1313) (-)

Ion 68.00 (67.70 to 68.70): BM016023.D (-1313) (-)

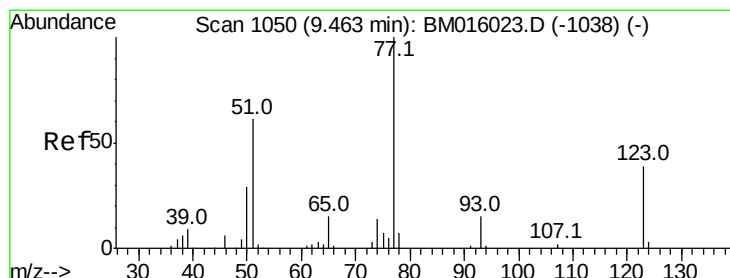
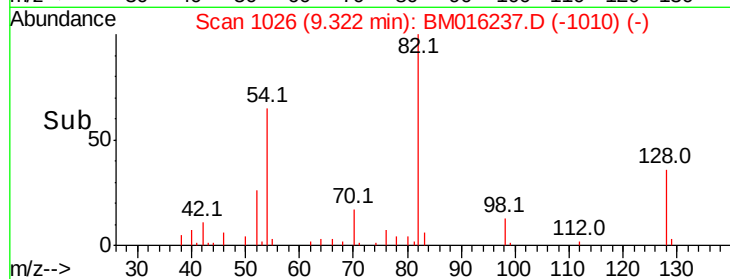
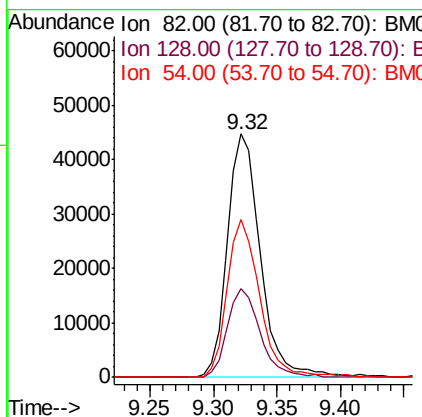
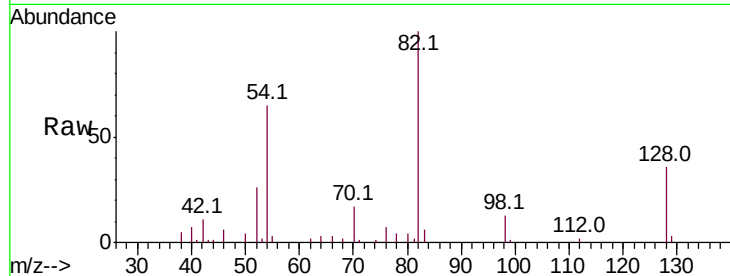




#23
 Nitrobenzene-d5
 Concen: N.D. na
 RT: 9.32 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BM016237.D
 Acq: 08 Aug 2018 03:32

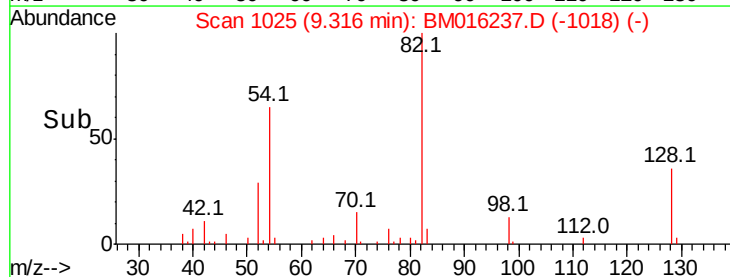
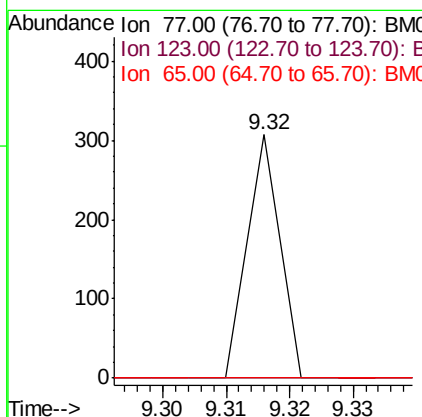
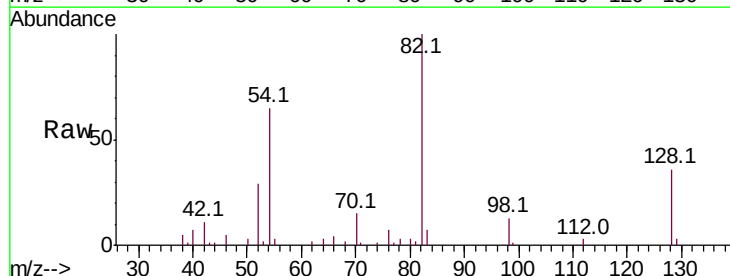
Instrument :
 BNA_M
 ClientSampled :

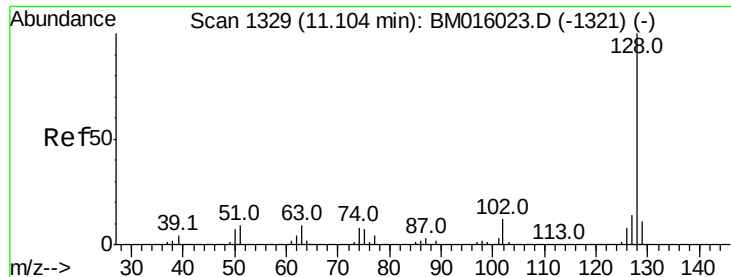
Tot Ion: 82 Resp: 80302
 Ion Ratio Lower Upper
 82 100
 128 36.4 32.8 49.2
 54 64.9 40.6 60.8#



#24
 Nitrobenzene
 Concen: 0.019 ng
 RT: 9.32 min Scan# 1025
 Delta R.T. -0.06 min
 Lab File: BM016237.D
 Acq: 08 Aug 2018 03:32

Tgt Ion: 77 Resp: 108
 Ion Ratio Lower Upper
 77 100
 123 0.0 32.6 49.0#
 65 0.0 10.9 16.3#

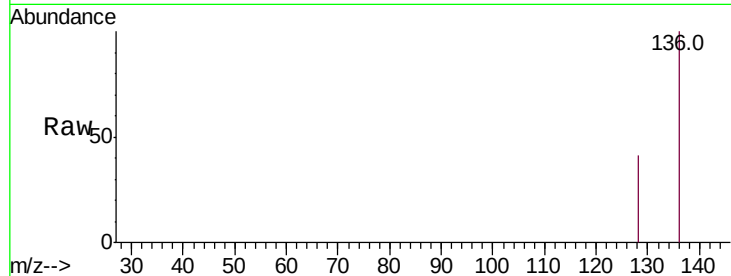




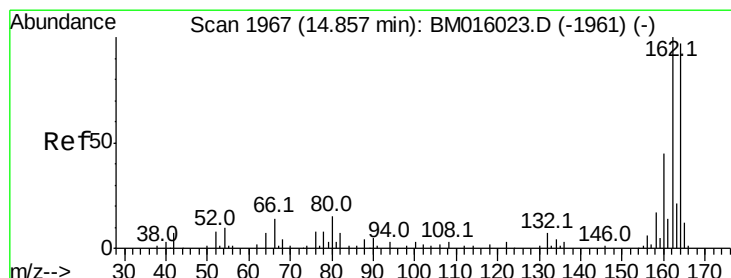
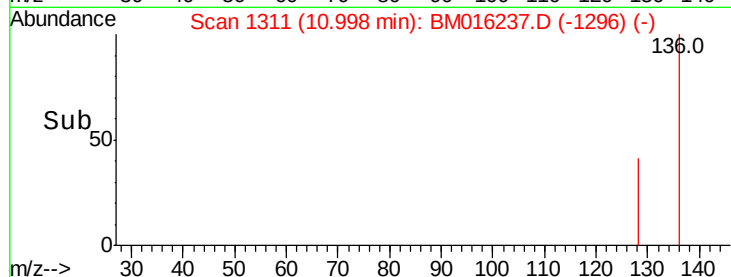
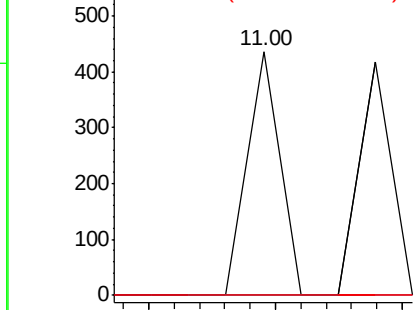
#31
Naphthalene
Concen: 0.012 ng
RT: 11.00 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BM016237.D
Acq: 08 Aug 2018 03:32

Instrument :
BNA_M
ClientSampleId :

Tot Ion:128 Resp: 154
Ion Ratio Lower Upper
128 100
129 0.0 8.9 13.3#
127 0.0 10.4 15.6#

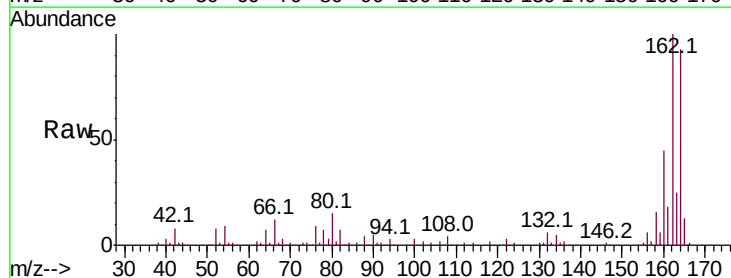


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

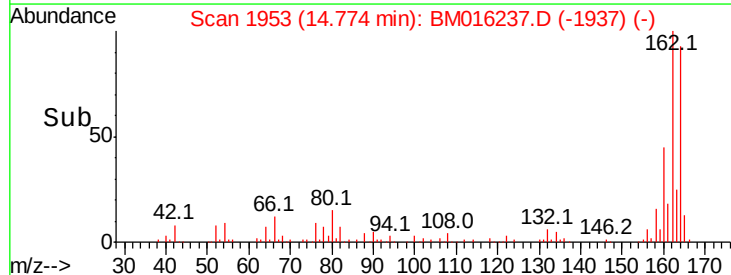
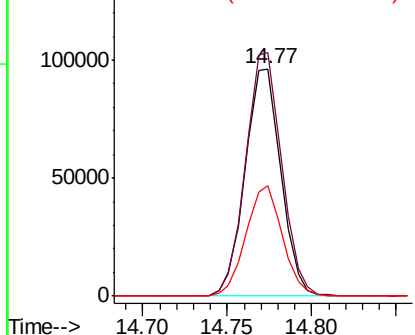


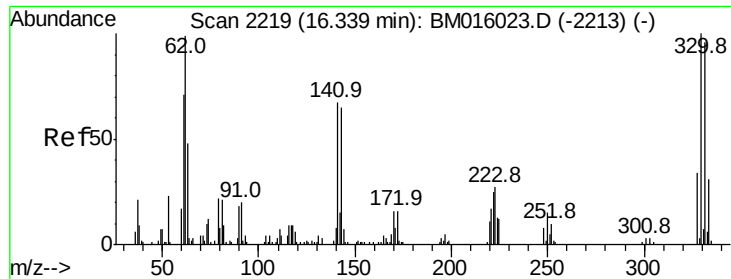
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BM016237.D
Acq: 08 Aug 2018 03:32

Tgt Ion:164 Resp: 142591
Ion Ratio Lower Upper
164 100
162 107.0 82.4 123.6
160 48.3 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

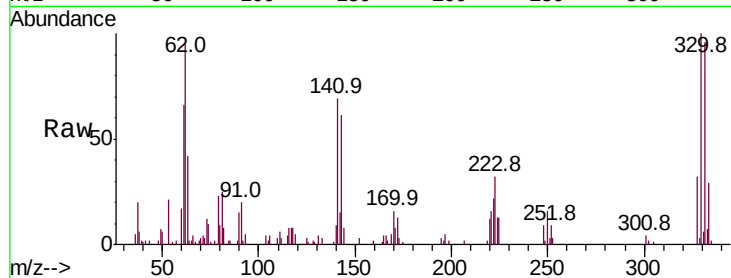




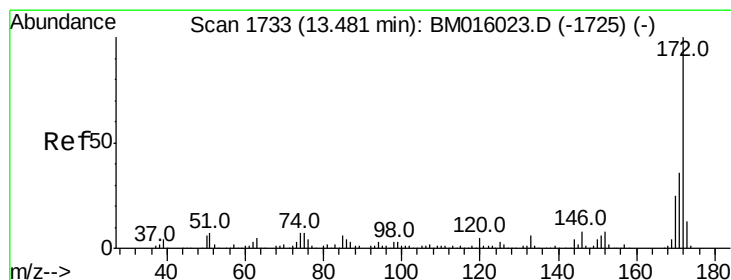
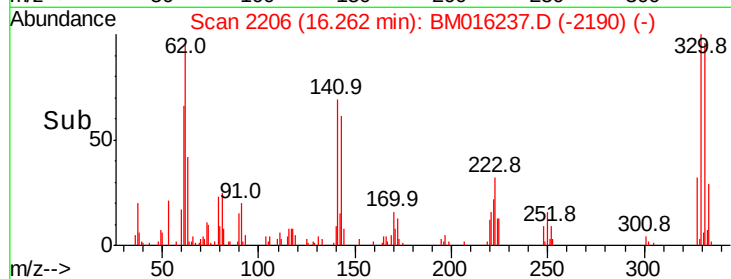
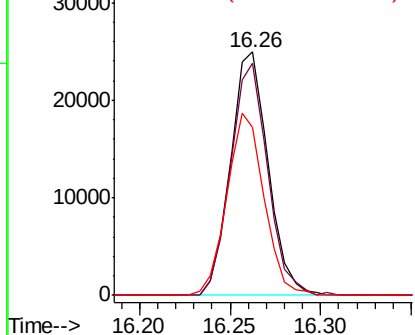
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.26 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BM016237.D
 Acq: 08 Aug 2018 03:32

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.0	0.0	0.0#
141	73.6	0.0	0.0#

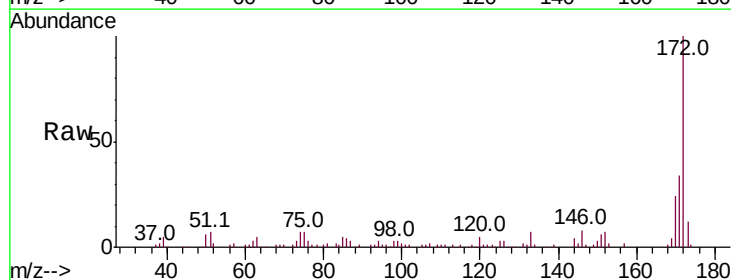


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

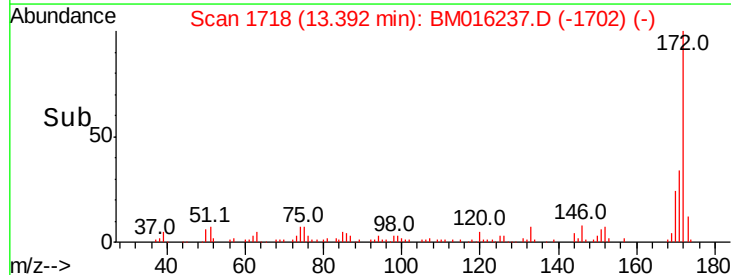
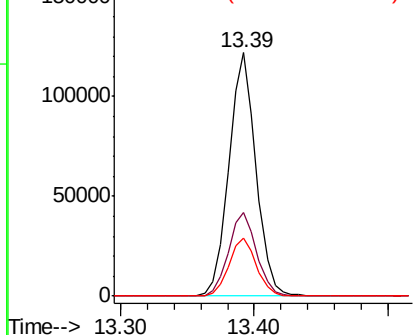


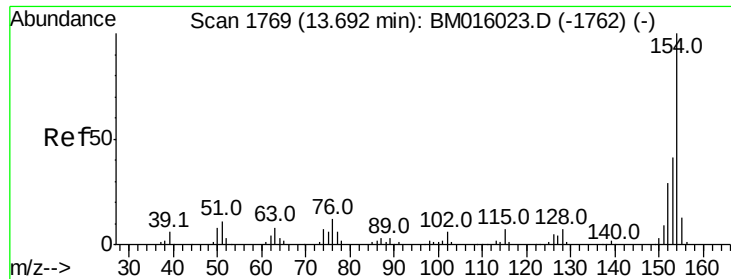
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.39 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BM016237.D
 Acq: 08 Aug 2018 03:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.5	42.7
170	23.9	18.8	28.2



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

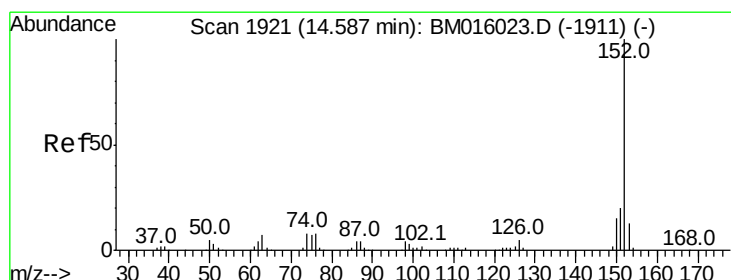
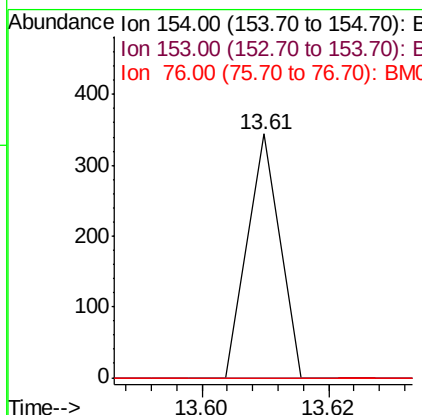
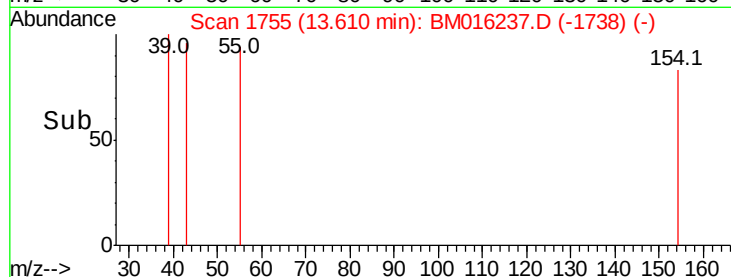
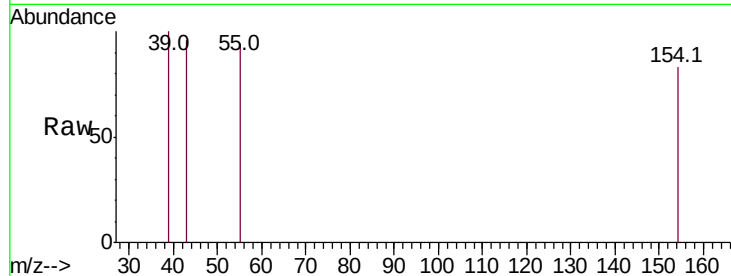




#45
 1,1'-Biphenyl
 Concen: 0.009 ng
 RT: 13.61 min Scan# 1755
 Delta R.T. -0.00 min
 Lab File: BM016237.D
 Acq: 08 Aug 2018 03:32

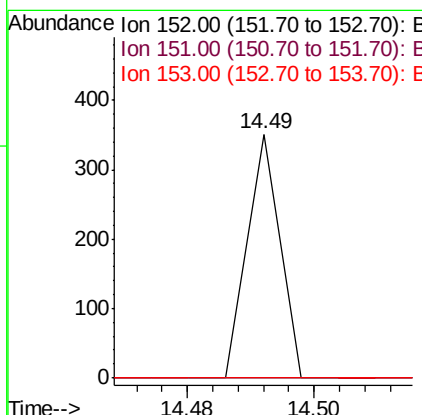
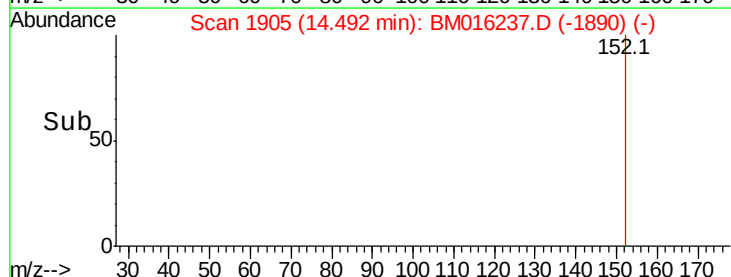
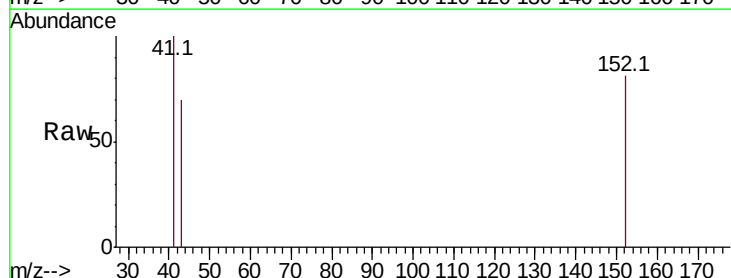
Instrument :
 BNA_M
 ClientSampleId :

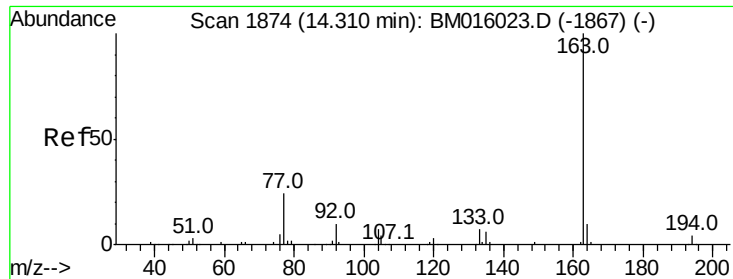
Tot Ion	Ratio	Lower	Upper
154	100		
153	0.0	20.7	60.7#
76	0.0	0.0	30.9



#48
 Acenaphthylene
 Concen: 0.008 ng
 RT: 14.49 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BM016237.D
 Acq: 08 Aug 2018 03:32

Tgt Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.9	23.9#
153	0.0	10.6	16.0#





#49

Dimethylphthalate

Concen: 0.995 ng

RT: 14.23 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BM016237.D

Acq: 08 Aug 2018 03:32

Instrument :

BNA_M

ClientSampled :

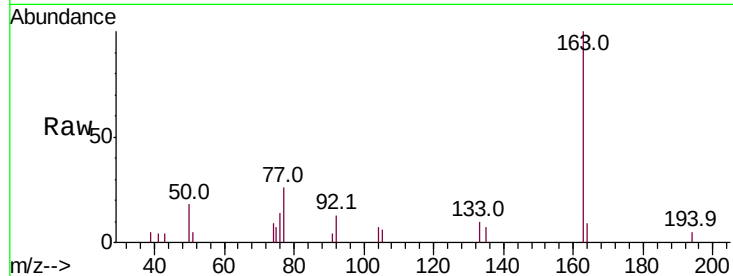
Tot Ion:163 Resp: 12411

Ion Ratio Lower Upper

163 100

194 4.6 2.7 4.1#

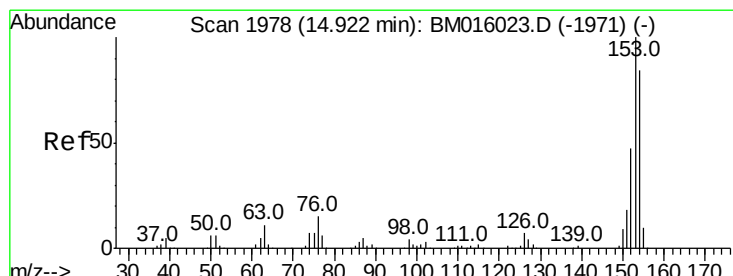
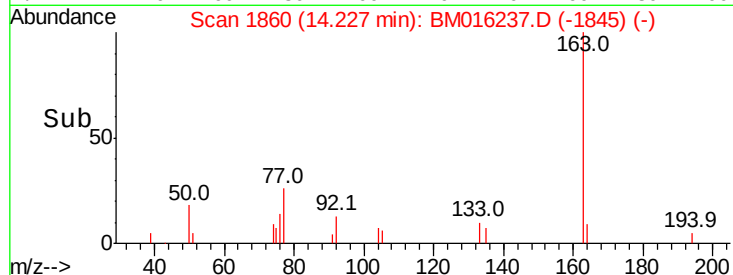
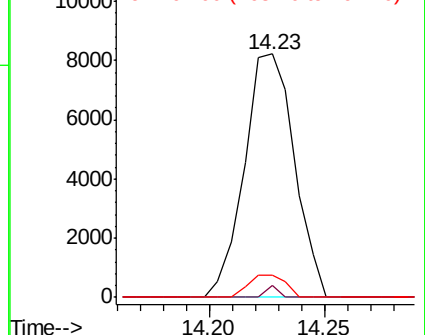
164 9.0 8.2 12.2



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: 0.049 ng

RT: 14.77 min Scan# 1953

Delta R.T. -0.07 min

Lab File: BM016237.D

Acq: 08 Aug 2018 03:32

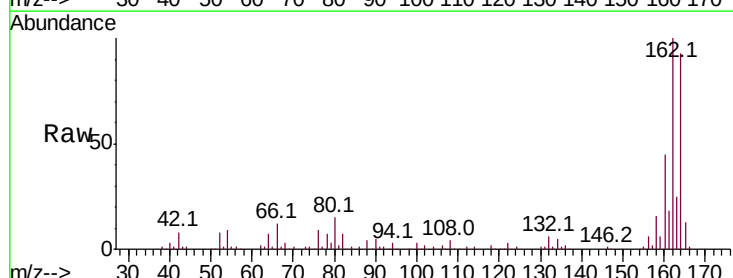
Tgt Ion:154 Resp: 444

Ion Ratio Lower Upper

154 100

153 0.0 90.0 135.0#

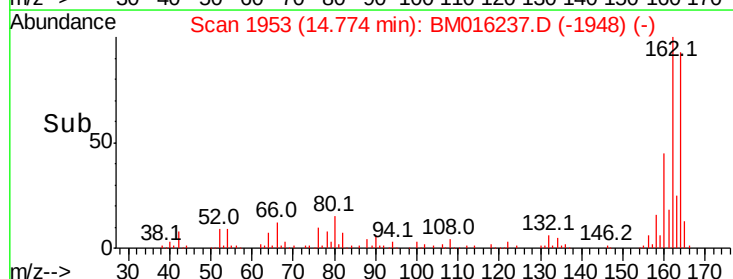
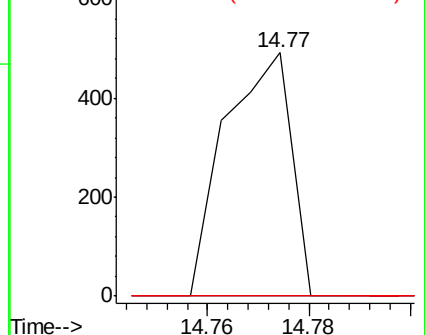
152 0.0 42.6 63.8#

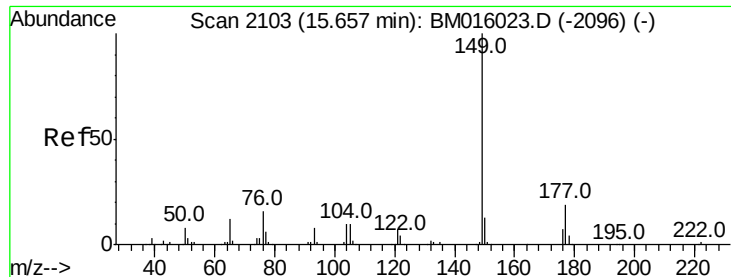


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#59

Diethylphthalate

Concen: 0.105 ng

RT: 15.57 min Scan# 2089

Delta R.T. -0.01 min

Lab File: BM016237.D

Acq: 08 Aug 2018 03:32

Instrument :

BNA_M

ClientSampleId :

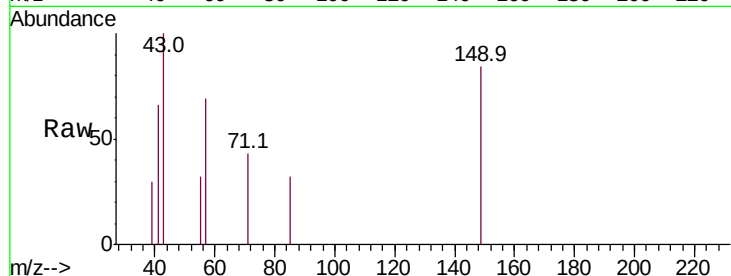
Tot Ion:149 Resp: 1407

Ion Ratio Lower Upper

149 100

177 0.0 18.3 27.5#

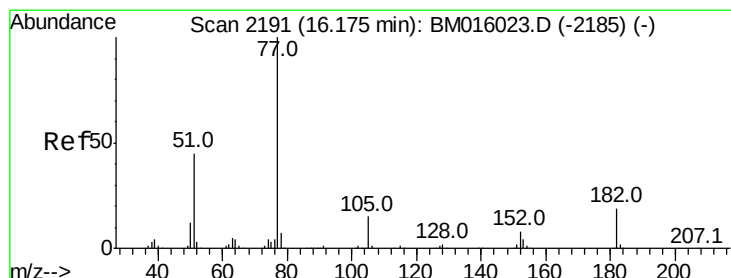
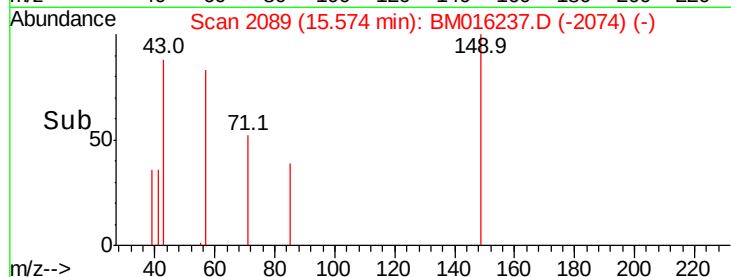
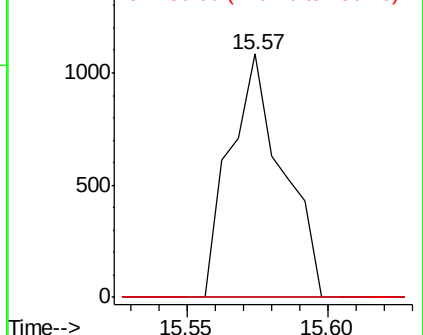
150 0.0 9.8 14.8#



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: 0.008 ng

RT: 16.13 min Scan# 2183

Delta R.T. 0.02 min

Lab File: BM016237.D

Acq: 08 Aug 2018 03:32

Tgt Ion: 77 Resp: 111

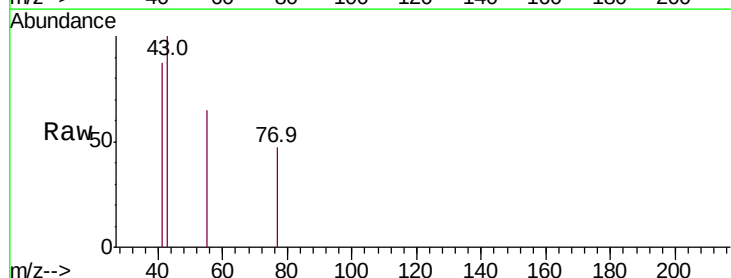
Ion Ratio Lower Upper

77 100

182 0.0 6.5 46.5#

105 0.0 3.8 43.8#

51 0.0 5.5 45.5#

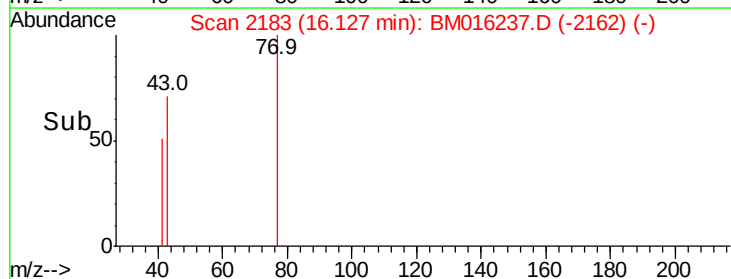
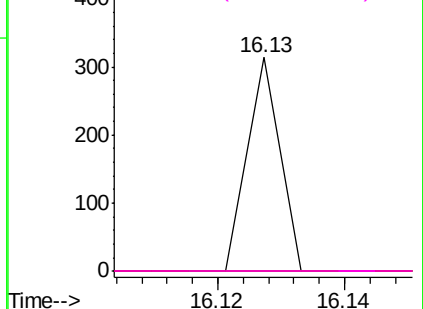


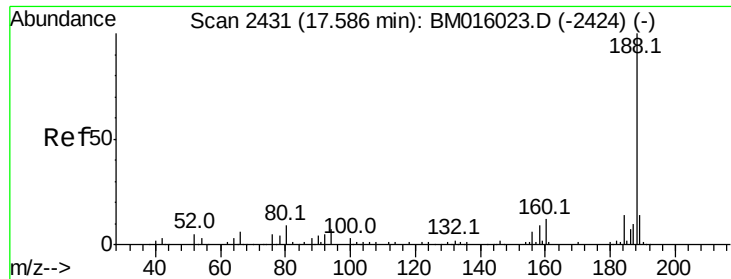
Abundance Ion 77.00 (76.70 to 77.70): BM0

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: 20.000 ng

RT: 17.51 min Scan# 2418

Delta R.T. -0.00 min

Lab File: BM016237.D

Acq: 08 Aug 2018 03:32

Instrument :

BNA_M

ClientSampleId :

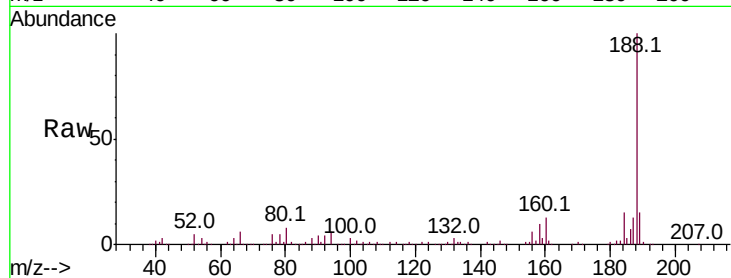
Tot Ion:188 Resp: 325953

Ion Ratio Lower Upper

188 100

94 5.9 8.7 13.1#

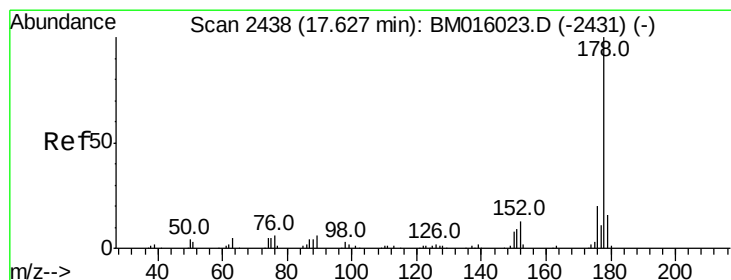
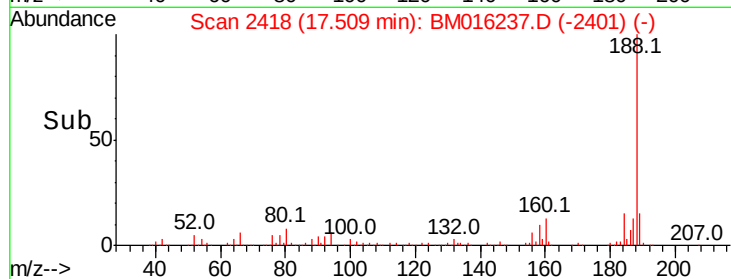
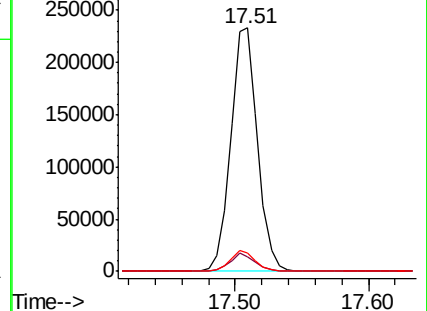
80 7.8 9.3 13.9#



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: 0.069 ng

RT: 17.54 min Scan# 2424

Delta R.T. -0.01 min

Lab File: BM016237.D

Acq: 08 Aug 2018 03:32

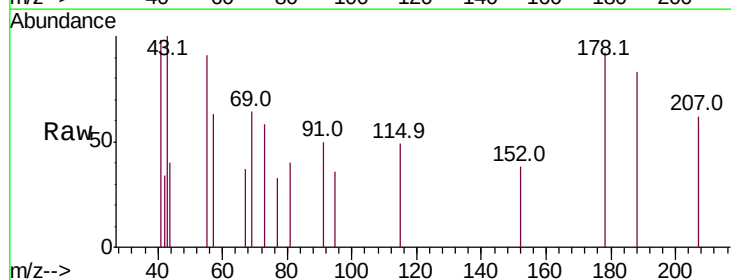
Tgt Ion:178 Resp: 1261

Ion Ratio Lower Upper

178 100

176 0.0 15.2 22.8#

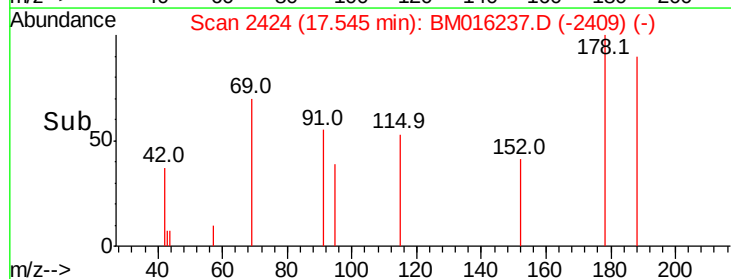
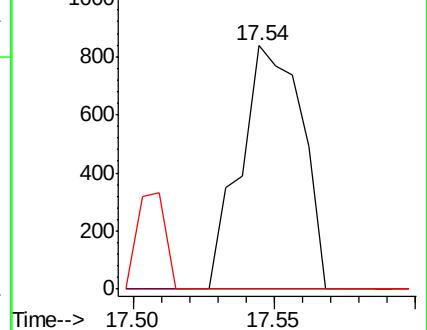
179 0.0 12.1 18.1#

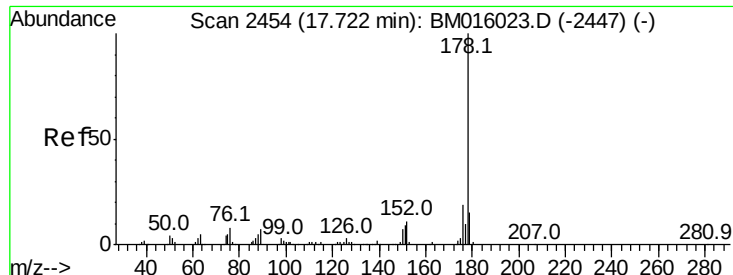


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

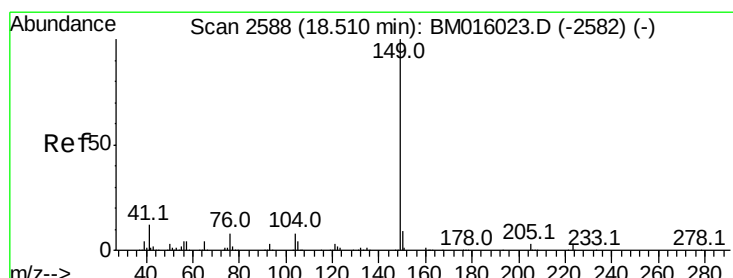
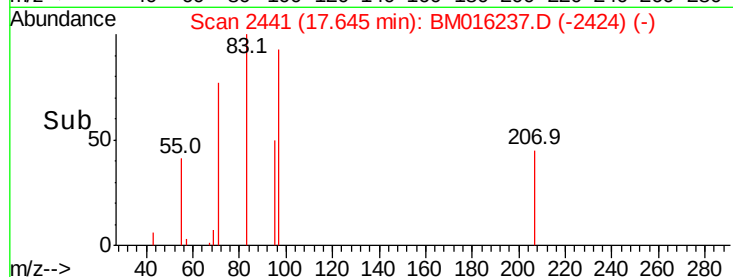
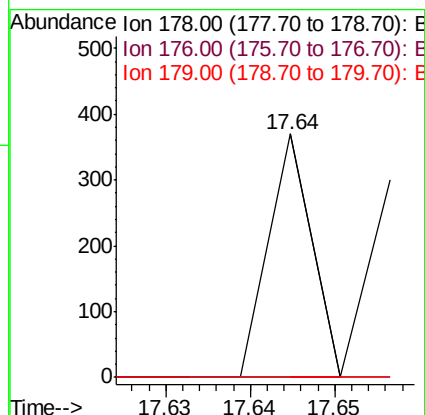
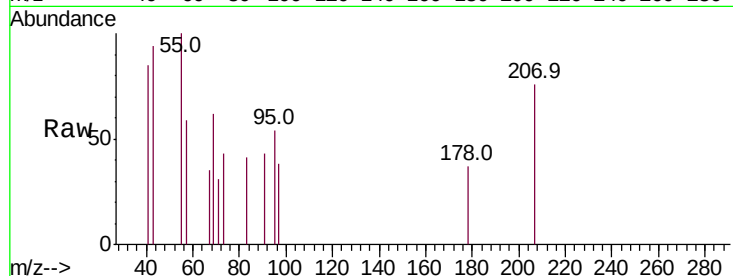




#71
 Anthracene
 Concen: 0.007 ng
 RT: 17.64 min Scan# 2441
 Delta R.T. -0.00 min
 Lab File: BM016237.D
 Acq: 08 Aug 2018 03:32

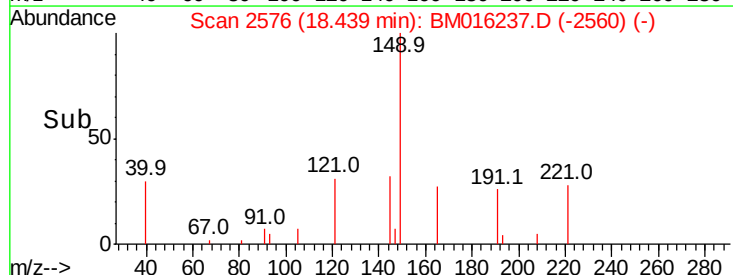
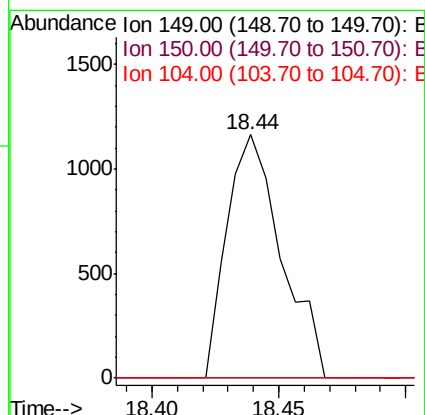
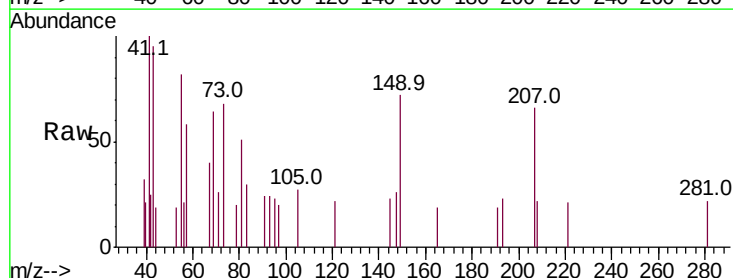
Instrument :
 BNA_M
 ClientSampled :

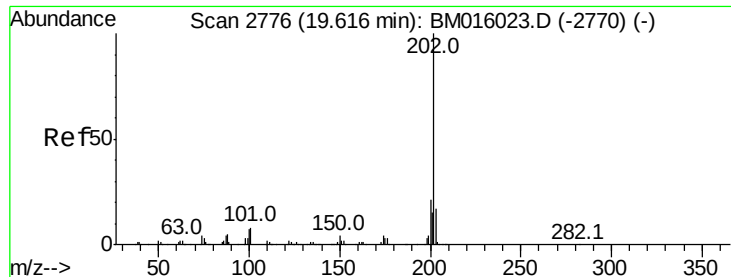
Tot Ion:178 Resp: 131
 Ion Ratio Lower Upper
 178 100
 176 0.0 14.6 22.0#
 179 0.0 12.6 19.0#



#73
 Di-n-butylphthalate
 Concen: 0.076 ng
 RT: 18.44 min Scan# 2576
 Delta R.T. -0.01 min
 Lab File: BM016237.D
 Acq: 08 Aug 2018 03:32

Tgt Ion:149 Resp: 1751
 Ion Ratio Lower Upper
 149 100
 150 0.0 7.5 11.3#
 104 0.0 3.7 5.5#





#74

Fluoranthene

Concen: 0.183 ng

RT: 19.54 min Scan# 2763

Delta R.T. -0.01 min

Lab File: BM016237.D

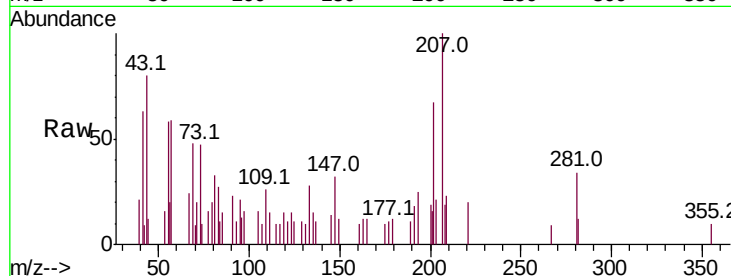
Acq: 08 Aug 2018 03:32

Instrument :

BNA_M

ClientSampleId :

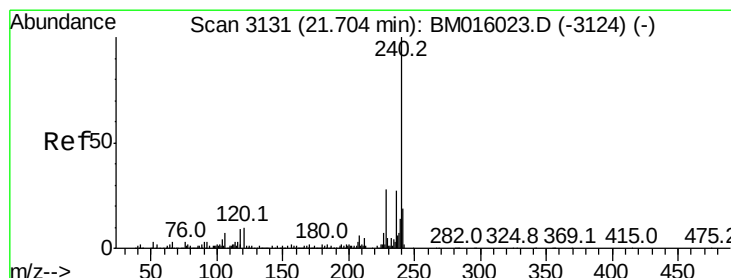
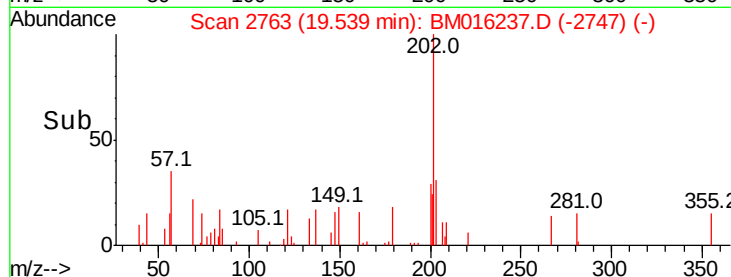
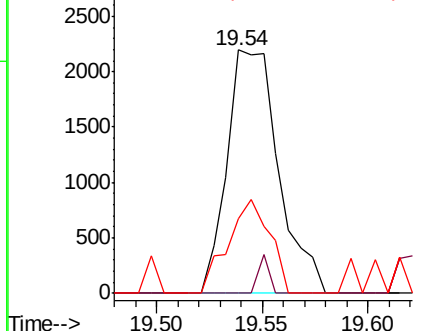
Tot Ion:	202	Resp:	3721
Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	28.7
203	30.9	0.0	37.2



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

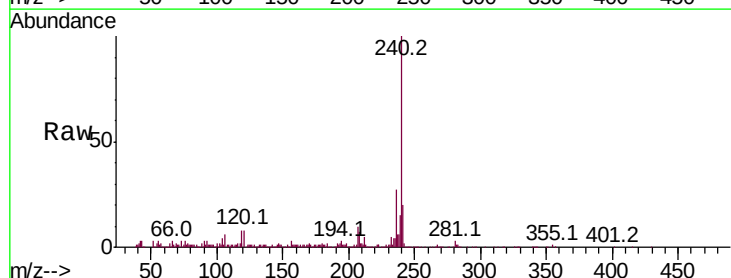
RT: 21.64 min Scan# 3120

Delta R.T. -0.01 min

Lab File: BM016237.D

Acq: 08 Aug 2018 03:32

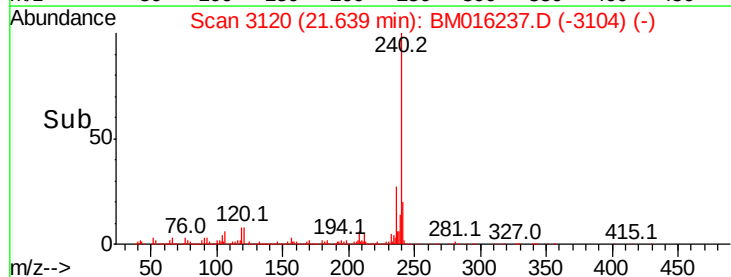
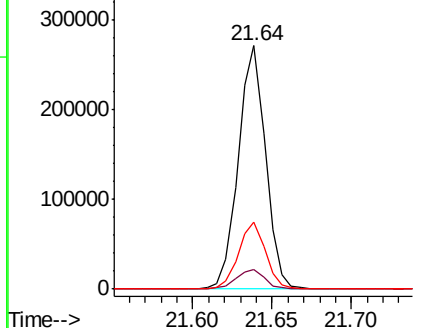
Tgt Ion:	240	Resp:	323559
Ion	Ratio	Lower	Upper
240	100		
120	7.9	8.2	12.2#
236	27.3	20.0	30.0

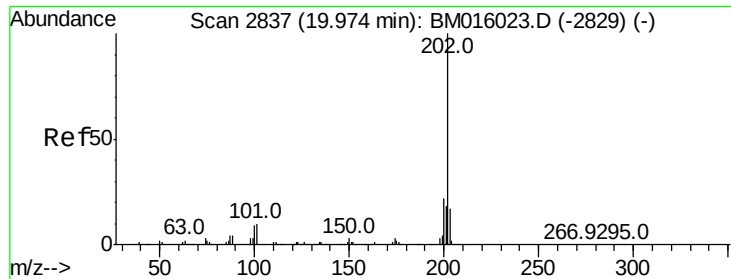


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

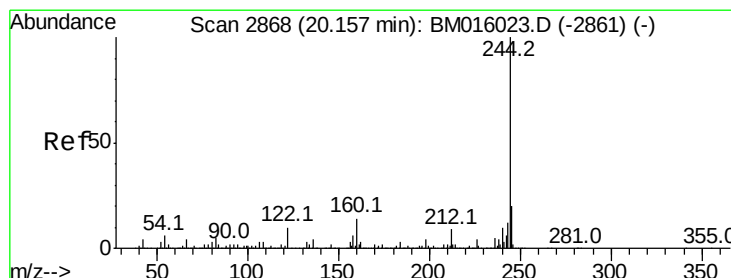
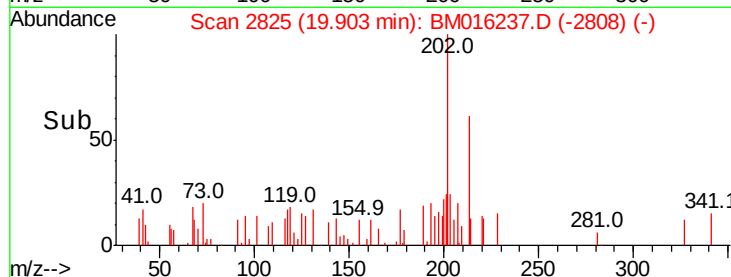
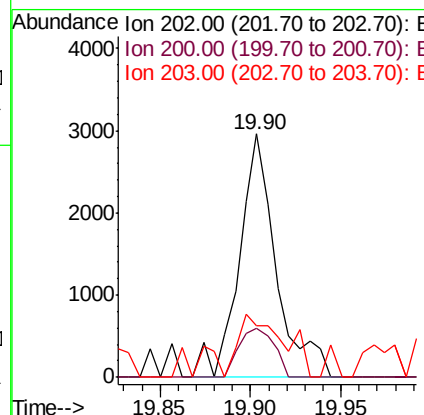
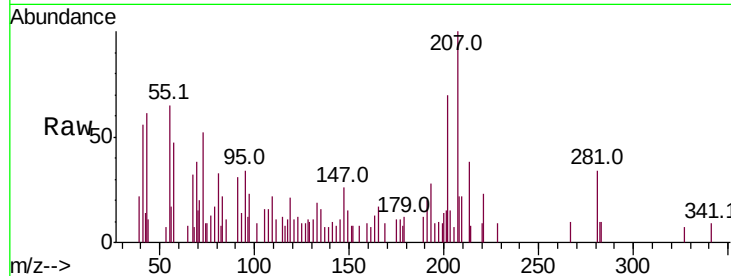




#77
Pvrene
Concen: 0.217 ng
RT: 19.90 min Scan# 2825
Delta R.T. -0.00 min
Lab File: BM016237.D
Acq: 08 Aug 2018 03:32

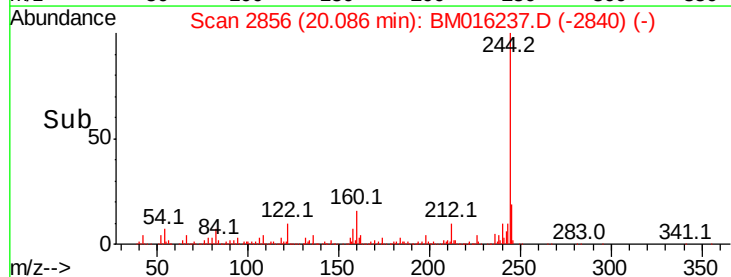
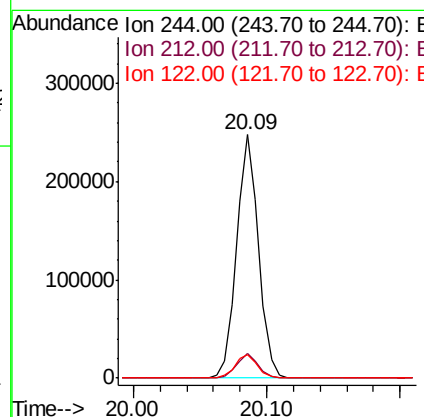
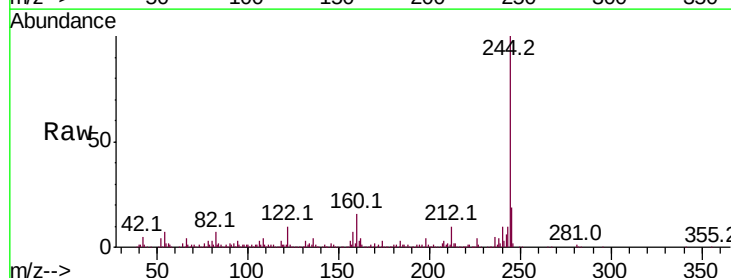
Instrument :
BNA_M
ClientSampleId :

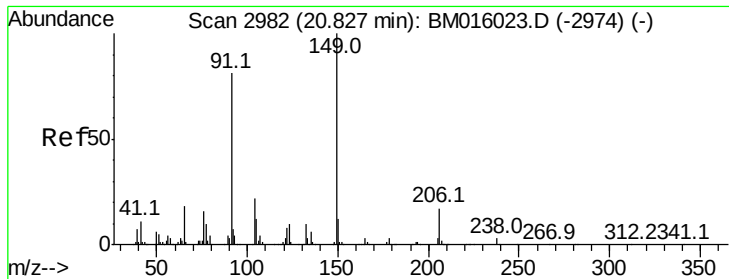
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.9	25.3
203	21.1	14.1	21.1#



#78
Terphenyl-d14
Concen: 0.217 ng
RT: 20.09 min Scan# 2856
Delta R.T. -0.01 min
Lab File: BM016237.D
Acq: 08 Aug 2018 03:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.9	4.9	7.3#
122	9.7	6.2	9.4#

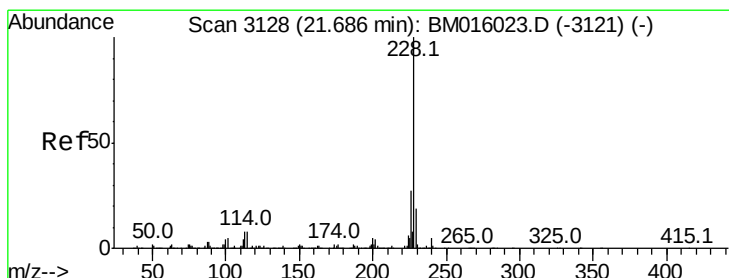
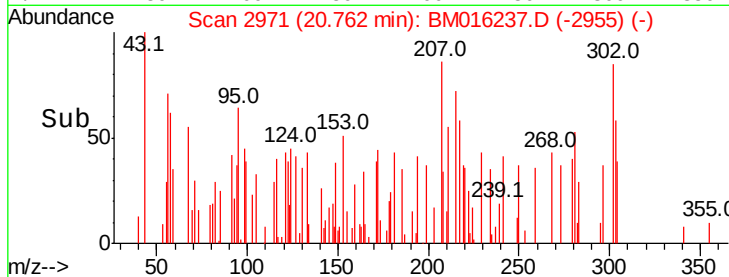
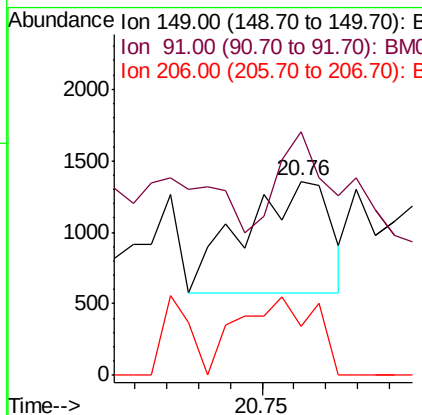
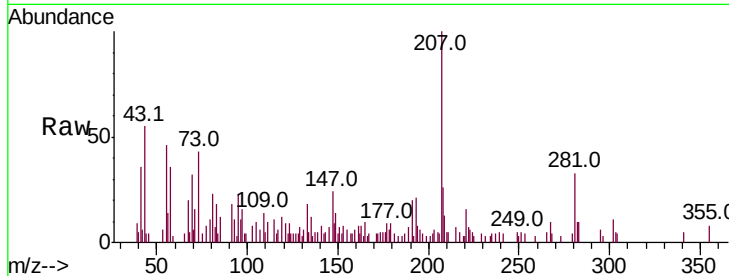




#79
Butylbenzylphthalate
Concen: 0.151 ng
RT: 20.76 min Scan# 2971
Delta R.T. -0.01 min
Lab File: BM016237.D
Acq: 08 Aug 2018 03:32

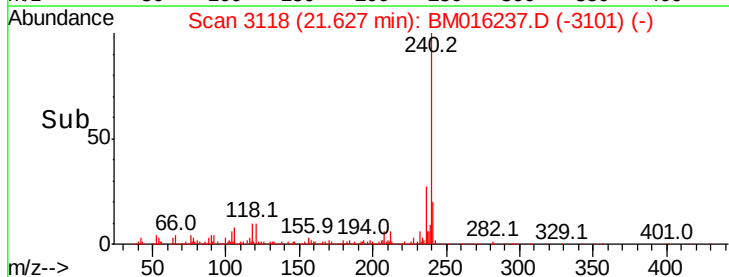
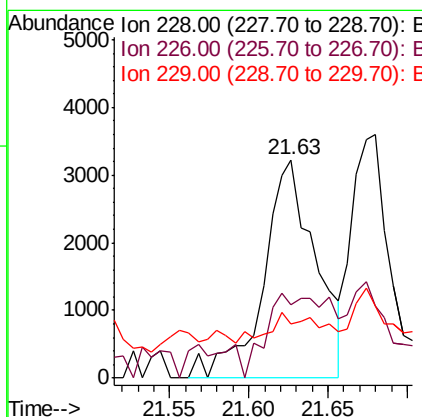
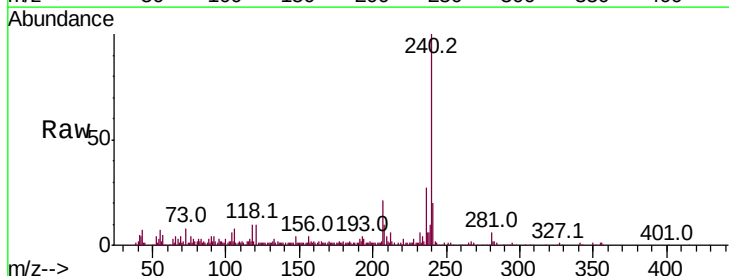
Instrument :
BNA_M
ClientSampleId :

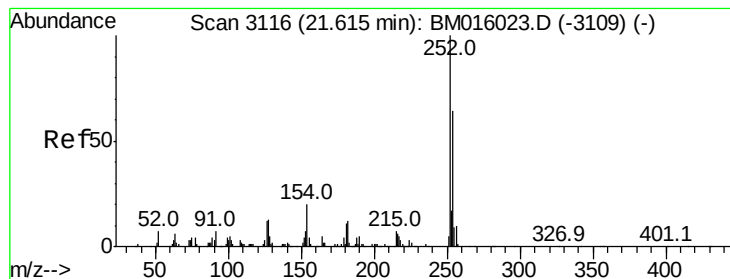
Tot Ion:149 Resp: 1486
Ion Ratio Lower Upper
149 100
91 125.4 50.1 75.1#
206 25.6 16.2 24.2#



#80
Benzo(a)anthracene
Concen: 0.373 ng
RT: 21.63 min Scan# 3118
Delta R.T. -0.00 min
Lab File: BM016237.D
Acq: 08 Aug 2018 03:32

Tgt Ion:228 Resp: 7441
Ion Ratio Lower Upper
228 100
226 33.4 21.7 32.5#
229 24.8 16.0 24.0#





#81

3,3'-Dichlorobenzidine

Concen: 0.062 ng

RT: 21.56 min Scan# 3107

Delta R.T. 0.01 min

Lab File: BM016237.D

Acq: 08 Aug 2018 03:32

Instrument :

BNA_M

ClientSampled :

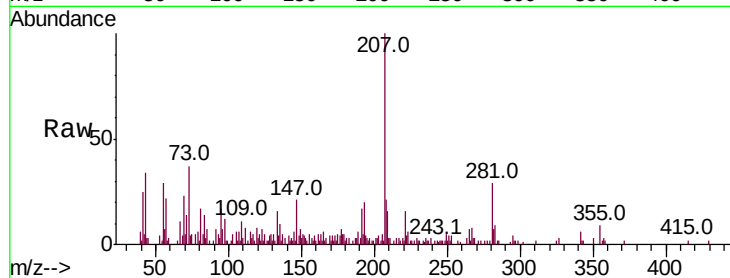
Tot Ion:252 Resp: 494

Ion Ratio Lower Upper

252 100

254 0.0 51.9 77.9#

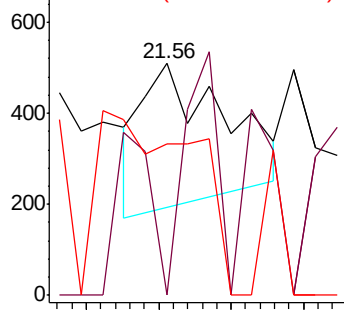
126 65.2 9.8 14.8#



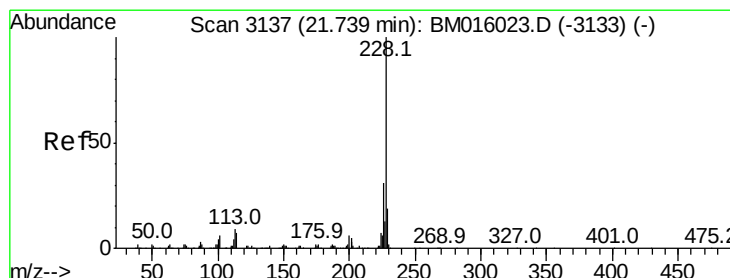
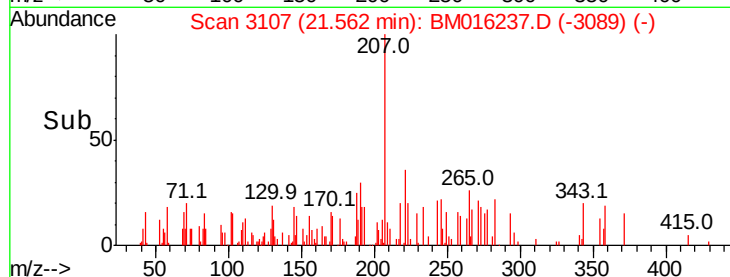
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



Time-->



#82

Chrysene

Concen: 0.332 ng

RT: 21.68 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BM016237.D

Acq: 08 Aug 2018 03:32

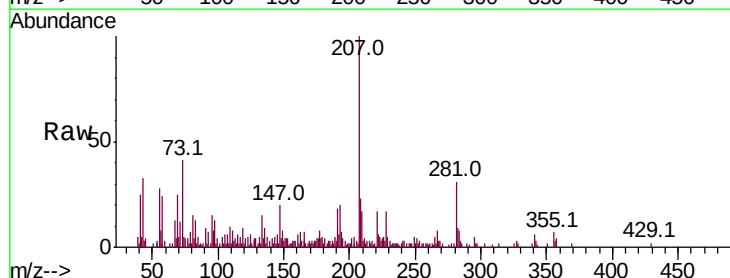
Tgt Ion:228 Resp: 6354

Ion Ratio Lower Upper

228 100

226 29.8 24.1 36.1

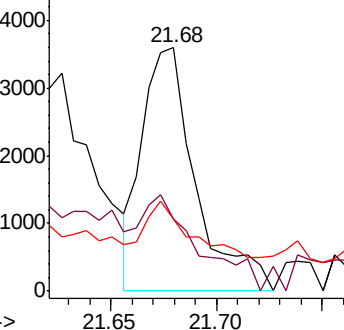
229 29.7 15.5 23.3#



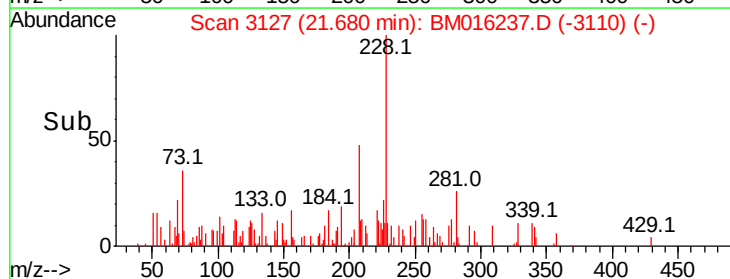
Abundance Ion 228.00 (227.70 to 228.70): E

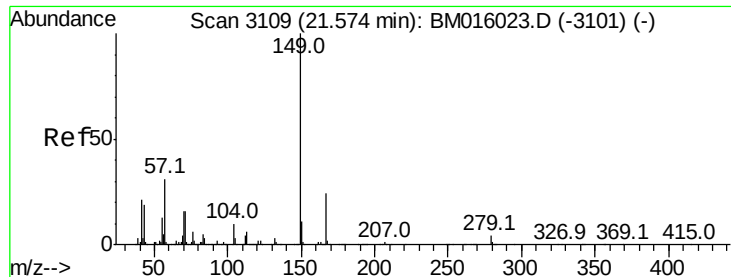
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->

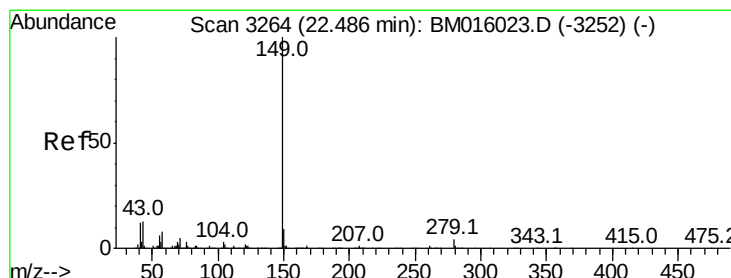
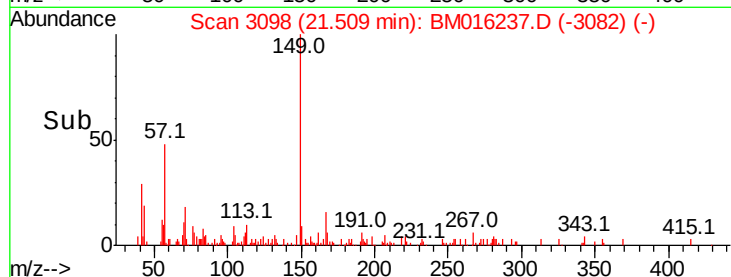
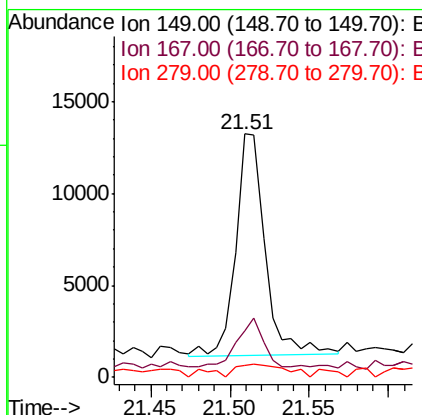
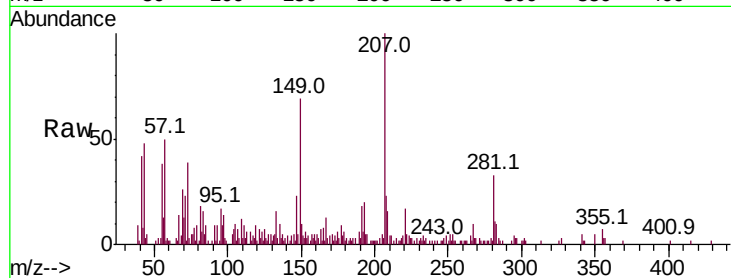




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 1.088 ng
 RT: 21.51 min Scan# 3098
 Delta R.T. -0.01 min
 Lab File: BM016237.D
 Acq: 08 Aug 2018 03:32

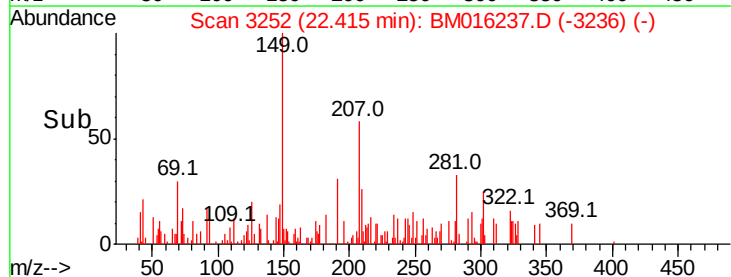
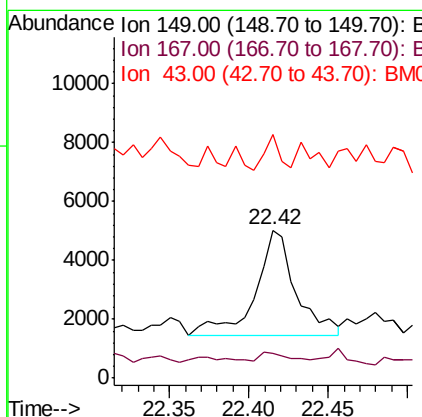
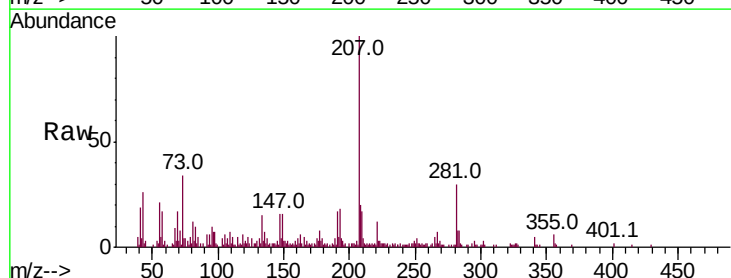
Instrument :
 BNA_M
 ClientSampleId :

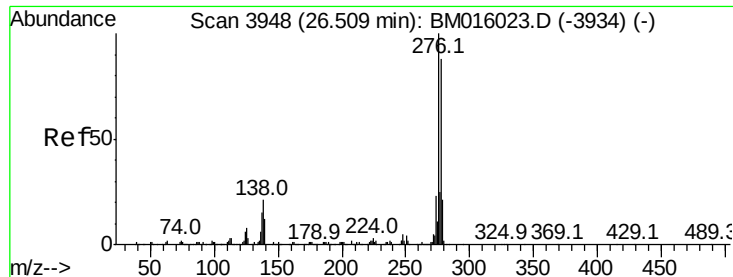
Tot Ion:149 Resp: 15532
 Ion Ratio Lower Upper
 149 100
 167 19.0 22.4 33.6#
 279 5.0 3.4 5.0



#84
 Di-n-octyl phthalate
 Concen: 0.269 ng
 RT: 22.42 min Scan# 3252
 Delta R.T. -0.01 min
 Lab File: BM016237.D
 Acq: 08 Aug 2018 03:32

Tgt Ion:149 Resp: 6450
 Ion Ratio Lower Upper
 149 100
 167 8.4 1.2 1.8#
 43 12.4 7.3 10.9#

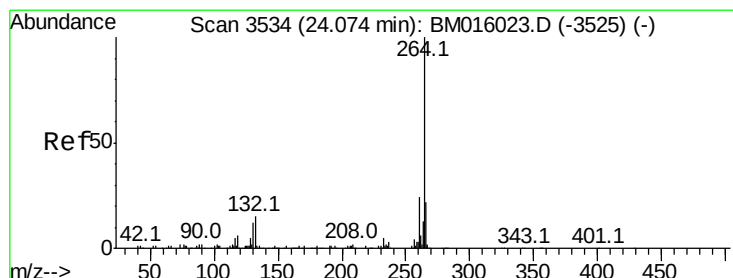
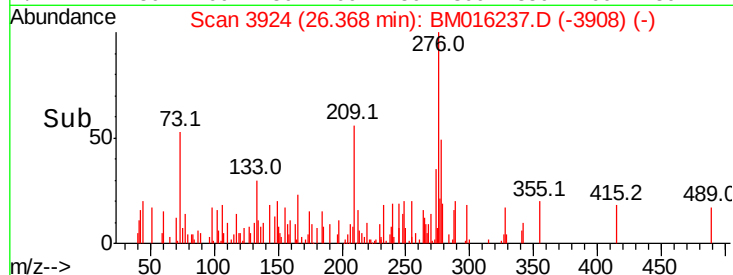
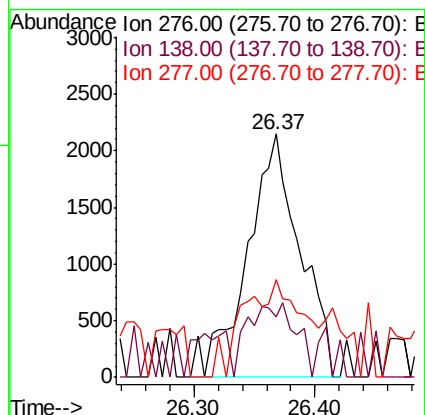
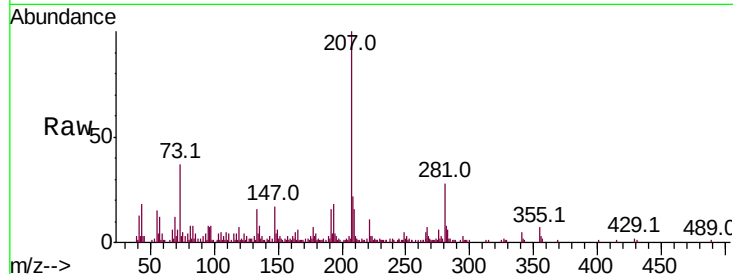




#85
Indeno(1,2,3-cd)pyrene
Concen: 0.288 ng
RT: 26.37 min Scan# 3924
Delta R.T. -0.01 min
Lab File: BM016237.D
Acq: 08 Aug 2018 03:32

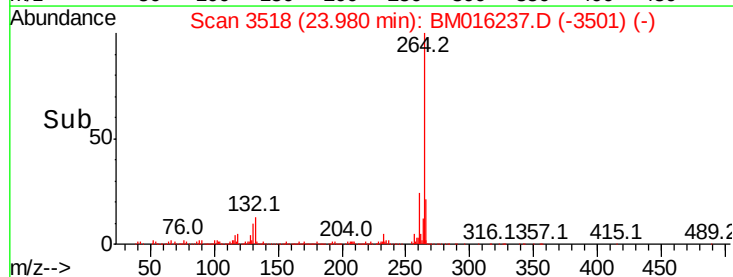
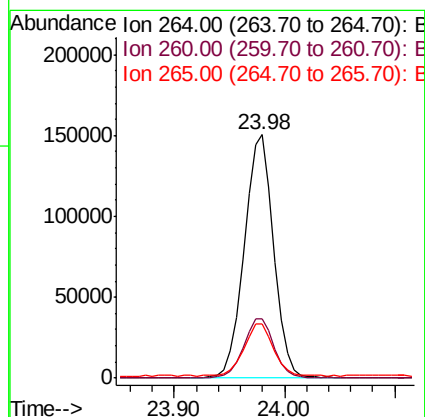
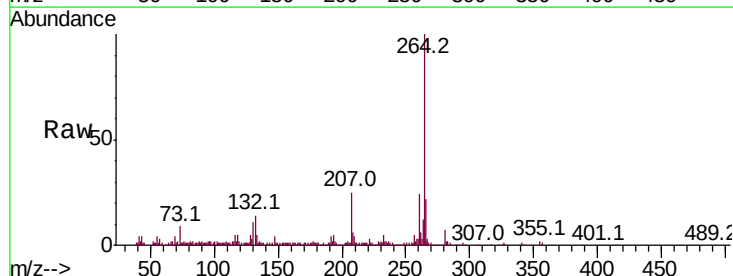
Instrument :
BNA_M
ClientSampleId :

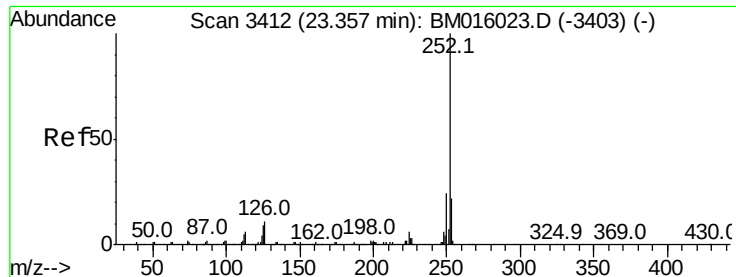
Tot Ion:276 Resp: 6536
Ion Ratio Lower Upper
276 100
138 27.3 12.0 18.0#
277 0.0 20.0 30.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.98 min Scan# 3518
Delta R.T. -0.00 min
Lab File: BM016237.D
Acq: 08 Aug 2018 03:32

Tgt Ion:264 Resp: 281855
Ion Ratio Lower Upper
264 100
260 24.1 18.6 27.8
265 22.1 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 0.474 ng

RT: 23.27 min Scan# 3397

Delta R.T. -0.01 min

Lab File: BM016237.D

Acq: 08 Aug 2018 03:32

Instrument :

BNA_M

ClientSampleId :

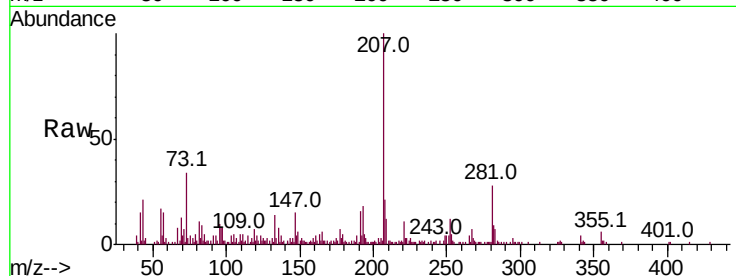
Tot Ion:252 Resp: 7865

Ion Ratio Lower Upper

252 100

253 44.2 18.0 27.0#

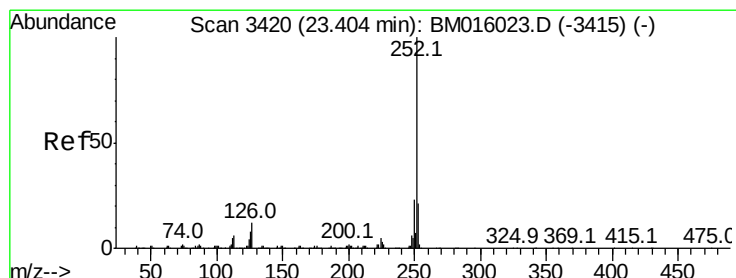
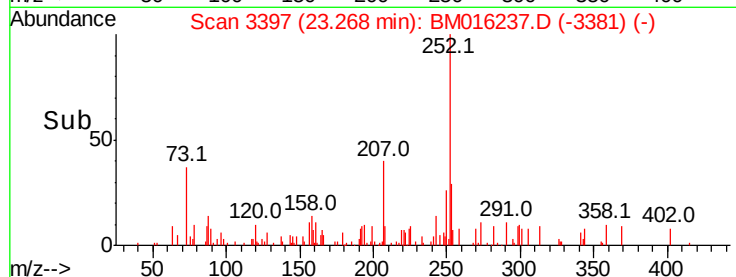
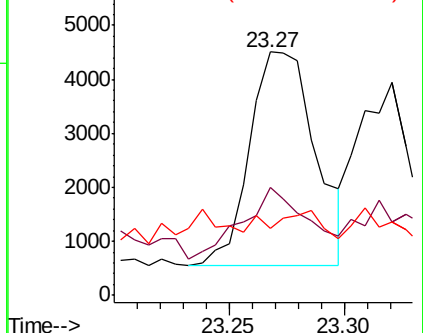
125 27.7 9.9 14.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 0.333 ng

RT: 23.32 min Scan# 3406

Delta R.T. -0.00 min

Lab File: BM016237.D

Acq: 08 Aug 2018 03:32

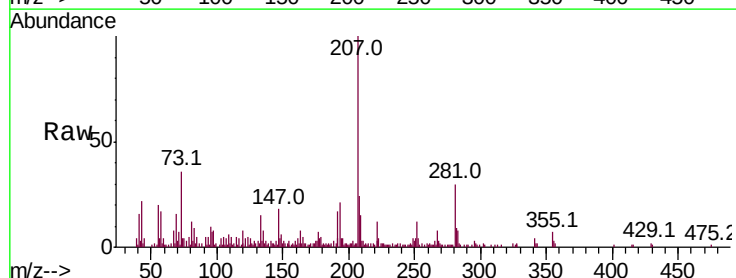
Tgt Ion:252 Resp: 5594

Ion Ratio Lower Upper

252 100

253 34.4 17.2 25.8#

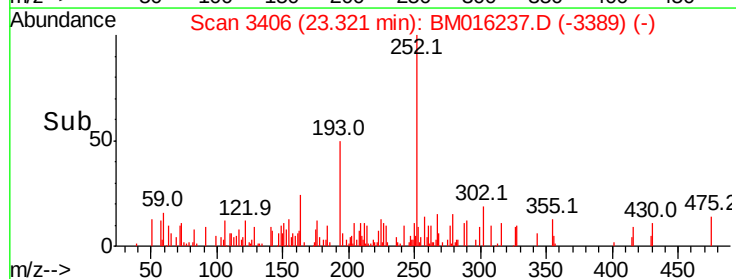
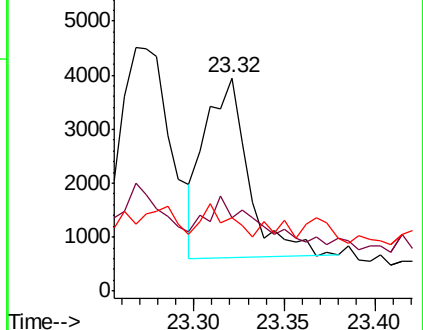
125 34.6 8.1 12.1#

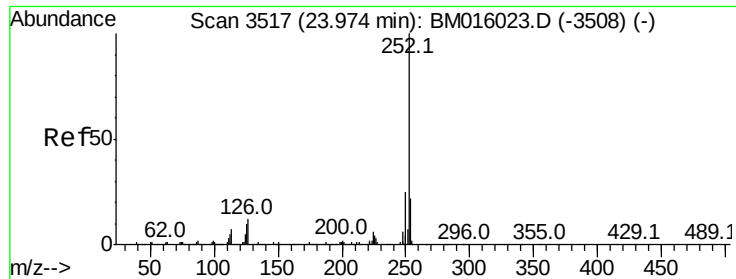


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 0.385 ng

RT: 23.89 min Scan# 3502

Delta R.T. 0.01 min

Lab File: BM016237.D

Acq: 08 Aug 2018 03:32

Instrument :

BNA_M

ClientSampleId :

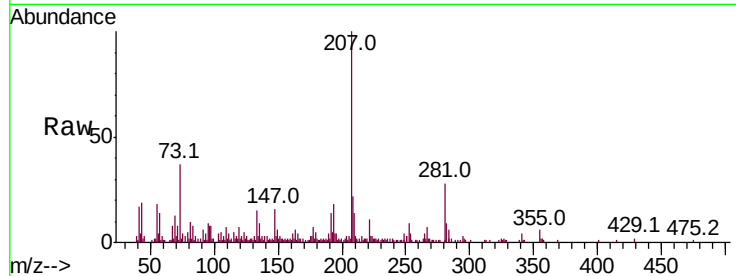
Tot Ion:252 Resp: 6136

Ion Ratio Lower Upper

252 100

253 49.1 17.6 26.4#

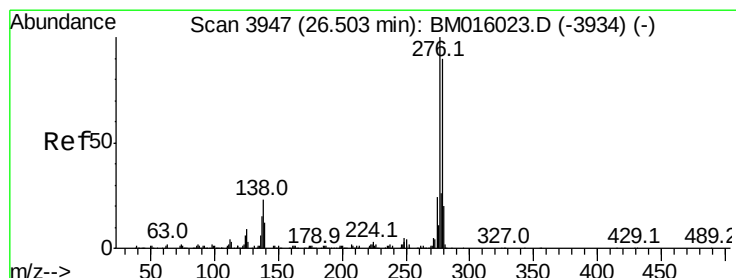
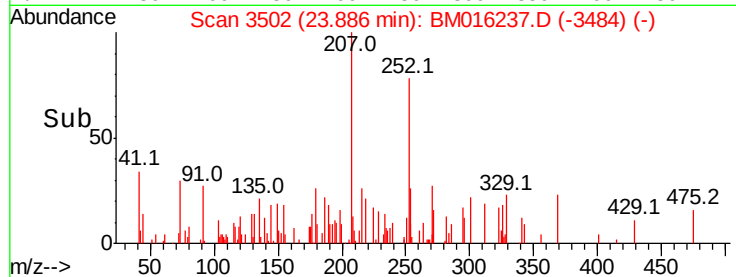
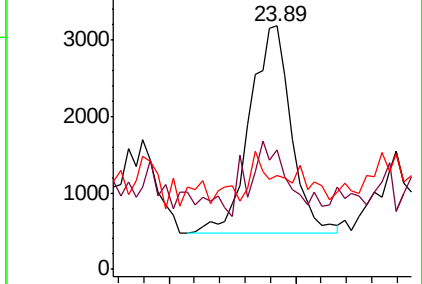
125 38.7 7.4 11.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 0.228 ng

RT: 26.37 min Scan# 3924

Delta R.T. -0.01 min

Lab File: BM016237.D

Acq: 08 Aug 2018 03:32

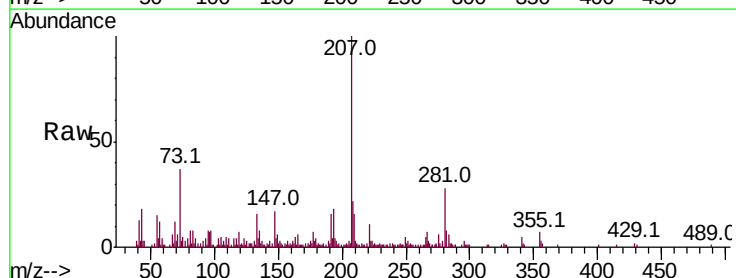
Tgt Ion:278 Resp: 3769

Ion Ratio Lower Upper

278 100

139 51.3 13.4 20.0#

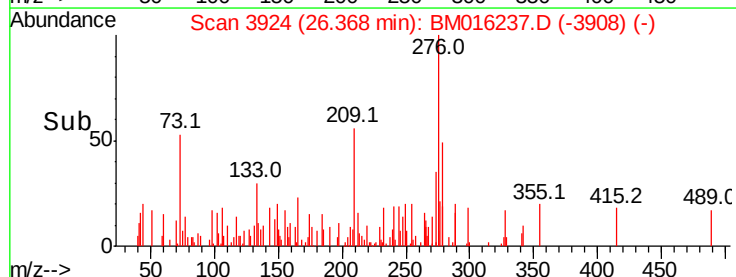
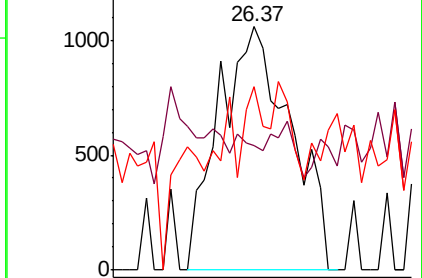
279 75.4 19.0 28.4#

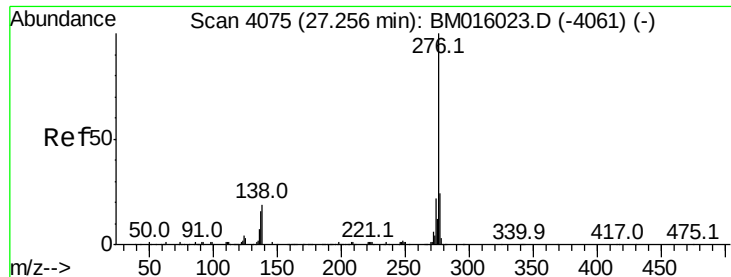


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 0.511 ng

RT: 27.10 min Scan# 4049

Delta R.T. -0.01 min

Lab File: BM016237.D

Acq: 08 Aug 2018 03:32

Instrument :

BNA_M

ClientSampleId :

Tot Ion:276 Resp: 7992

Ion Ratio Lower Upper

276 100

277 38.3 18.5 27.7#

138 27.7 19.0 28.6

