

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080718\
 Data File : BM016234.D
 Acq On : 08 Aug 2018 01:43
 Operator : SJ/JU
 Sample : J4297-05DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-5DL

Quant Time: Aug 08 04:14:10 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

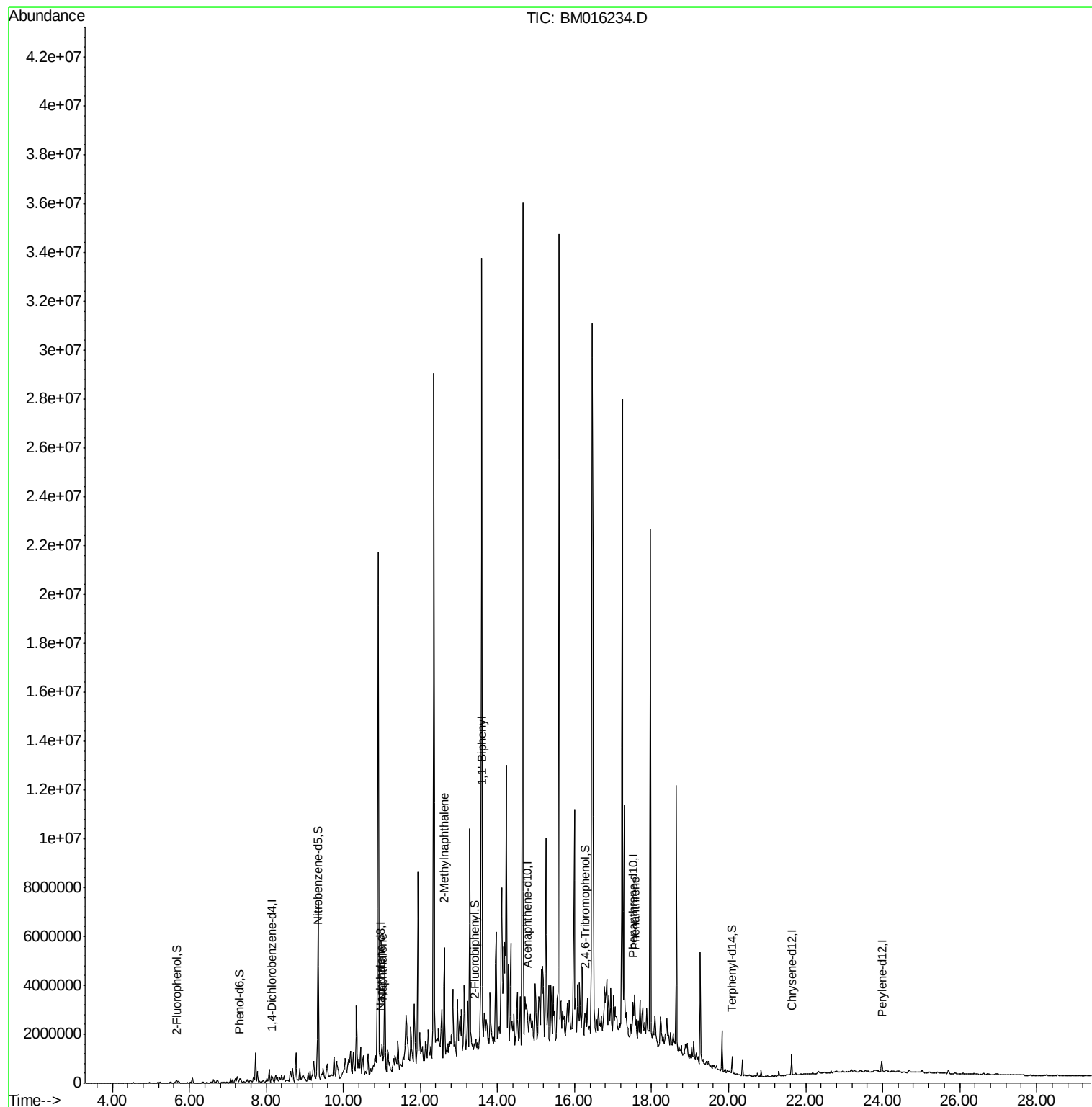
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	48223	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	232466	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	169436	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	353421	20.00	ng	0.01
75) Chrysene-d12	21.64	240	317071	20.00	ng	0.00
86) Perylene-d12	23.98	264	279128	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	53025	18.27	ng	0.00
7) Phenol-d6	7.30	99	71375	18.83	ng	0.00
23) Nitrobenzene-d5	9.33	82	79539	15.91	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	35145	16.35	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	151165	10.86	ng	0.00
78) Terphenyl-d14	20.09	244	228677	15.10	ng	0.00
Target Compounds						
31) Naphthalene	11.01	128	179183	15.230	ng	# 85
37) 2-Methylnaphthalene	12.62	142	1529507	194.067	ng	# 92
45) 1,1'-Biphenyl	13.61	154	278563	18.217	ng	# 98
70) Phenanthrene	17.56	178	451058	22.796	ng	# 93

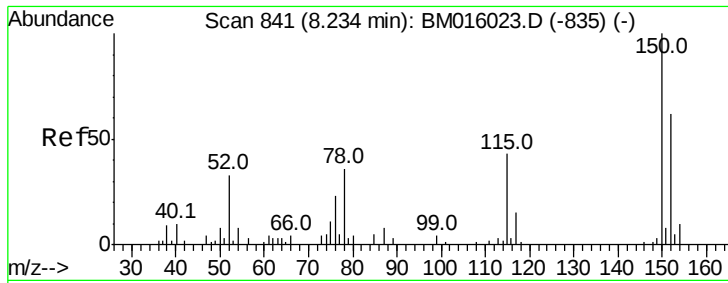
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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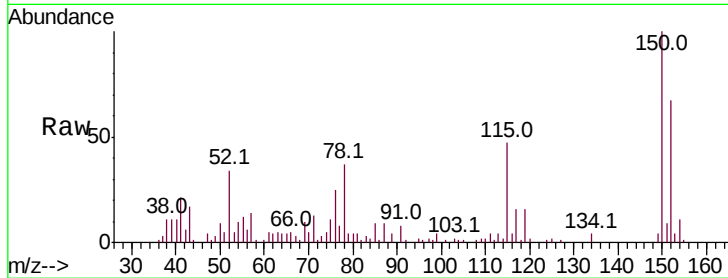


#1

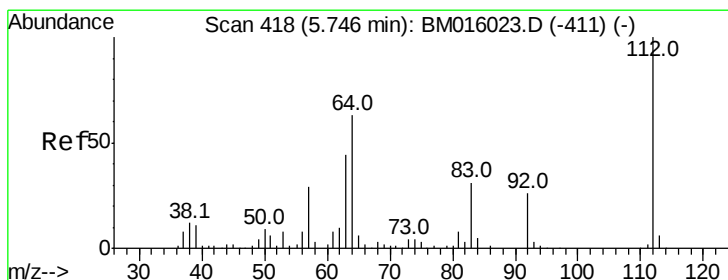
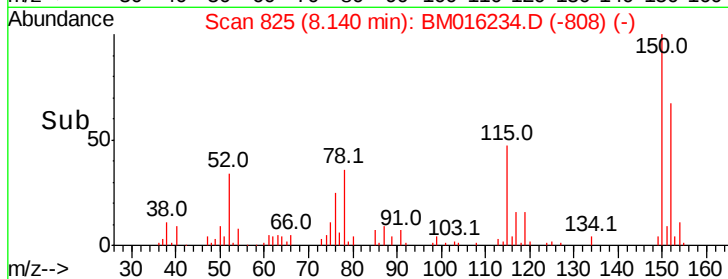
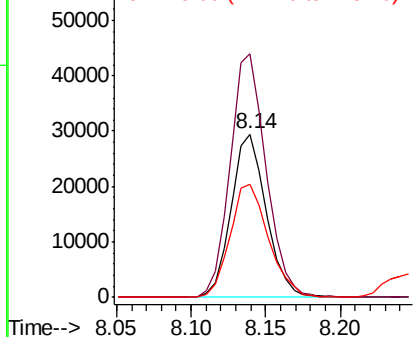
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 825
Delta R.T. 0.00 min
Lab File: BM016234.D
Acq: 08 Aug 2018 01:43

Instrument :
BNA_M
ClientSampleId :
TP-5DL

Tot Ion:152 Resp: 48223
Ion Ratio Lower Upper
152 100
150 149.2 119.5 179.3
115 69.6 43.0 64.4#



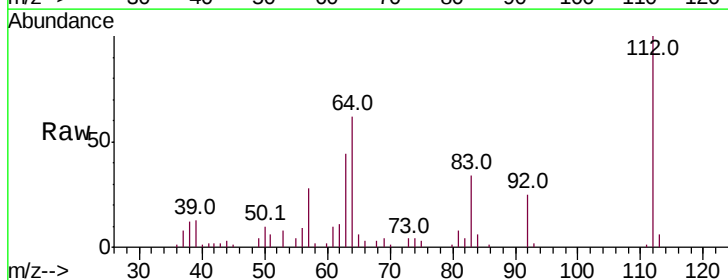
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



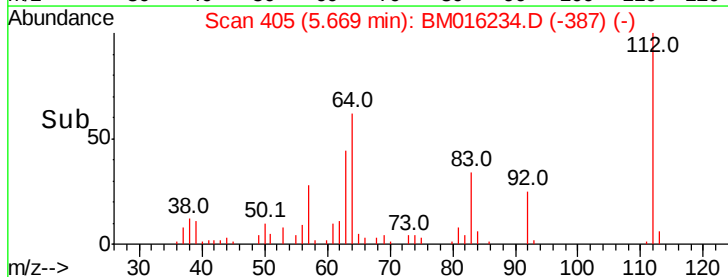
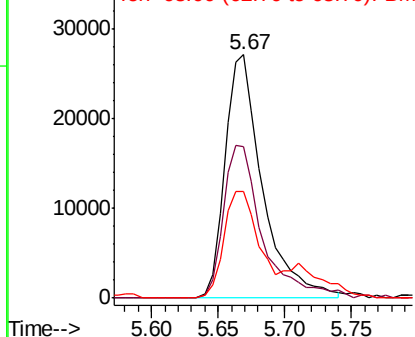
#5

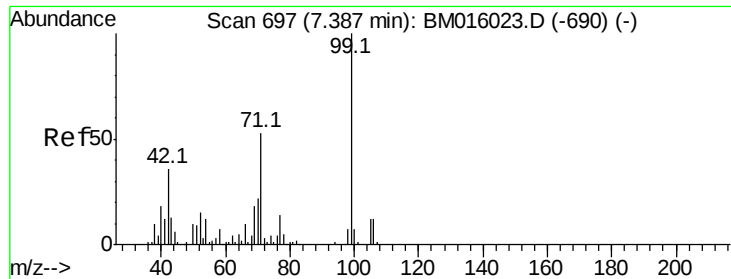
2-Fluorophenol
Concen: Below ng
RT: 5.67 min Scan# 405
Delta R.T. 0.01 min
Lab File: BM016234.D
Acq: 08 Aug 2018 01:43

Tgt Ion:112 Resp: 53025
Ion Ratio Lower Upper
112 100
64 62.4 38.6 57.8#
63 44.1 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: Below na

RT: 7.30 min Scan# 683

Delta R.T. 0.00 min

Lab File: BM016234.D

Acq: 08 Aug 2018 01:43

Instrument :

BNA_M

ClientSampled :

TP-5DL

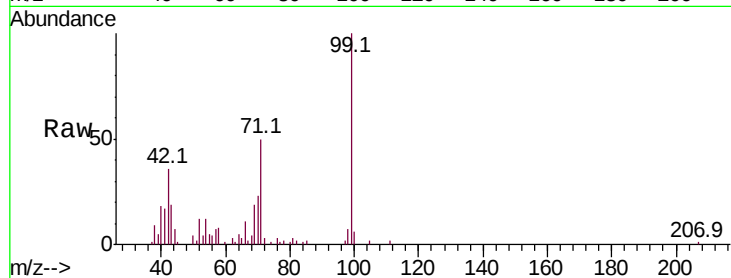
Tot Ion: 99 Resp: 71375

Ion Ratio Lower Upper

99 100

42 35.7 11.0 16.4#

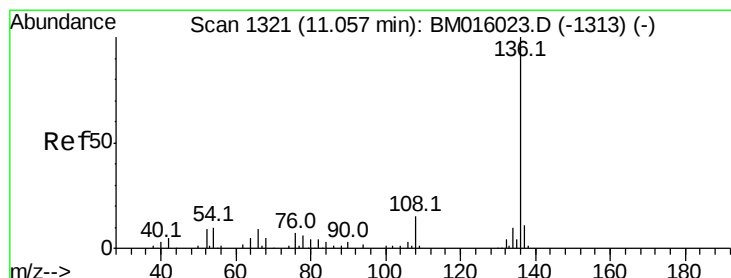
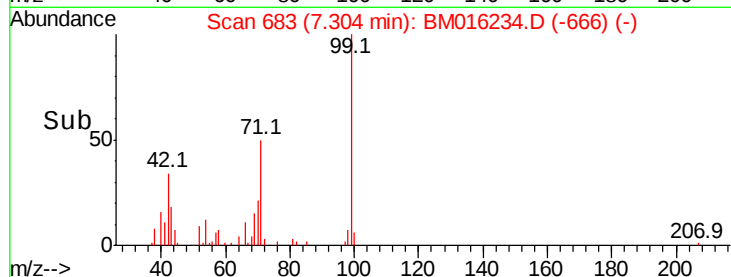
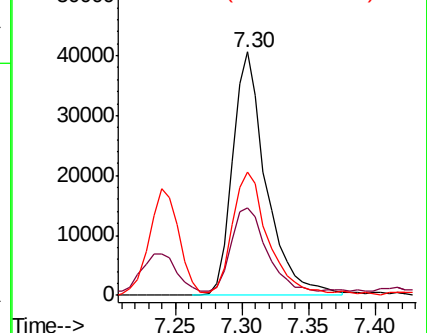
71 50.4 23.4 35.2#



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) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.96 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BM016234.D

Acq: 08 Aug 2018 01:43

Tgt Ion: 136 Resp: 232466

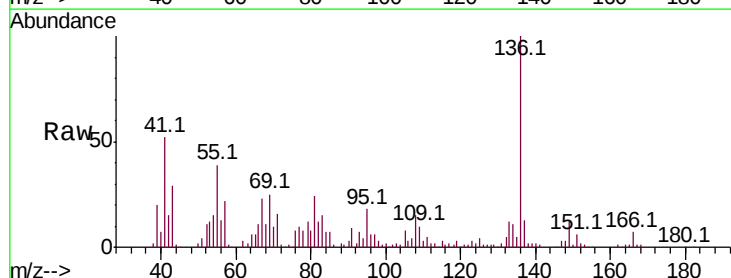
Ion Ratio Lower Upper

136 100

137 12.7 8.7 13.1

54 15.1 4.6 6.8#

68 10.5 3.7 5.5#

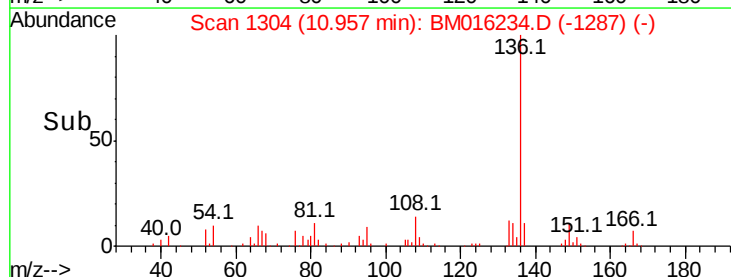
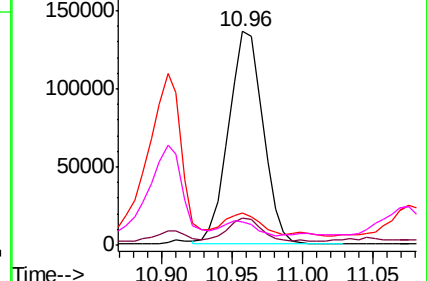


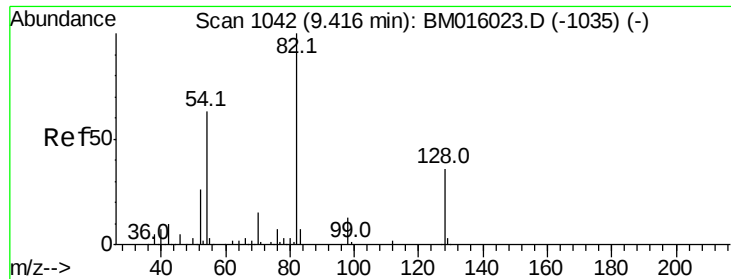
Abundance Ion 136.00 (135.70 to 136.70): BM016023.D (-1313) (-)

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) (-)

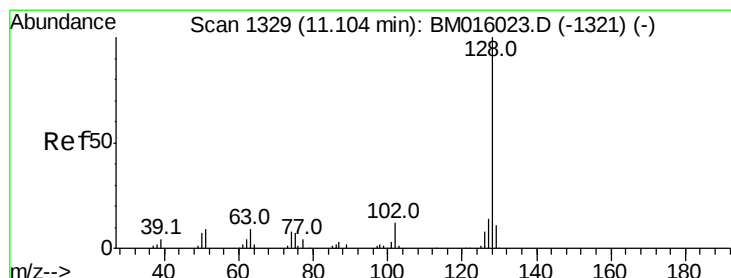
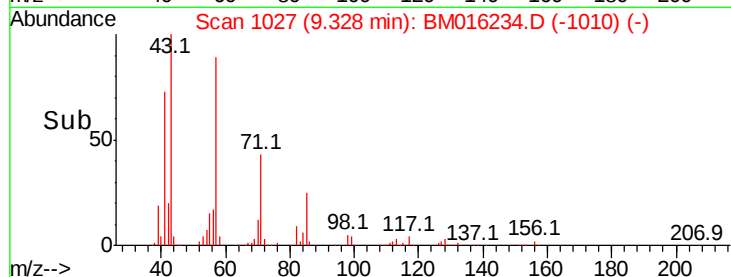
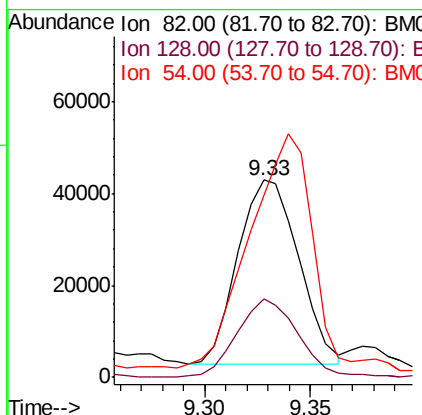
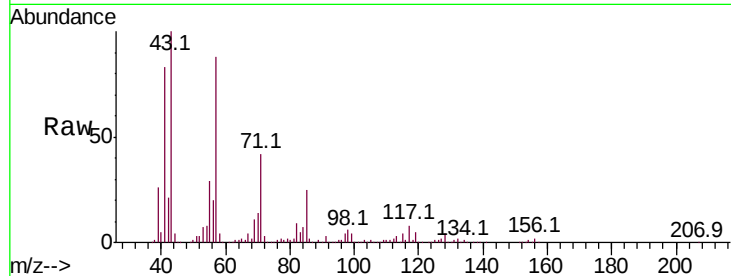




#23
 Nitrobenzene-d5
 Concen: N.D. na
 RT: 9.33 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BM016234.D
 Acq: 08 Aug 2018 01:43

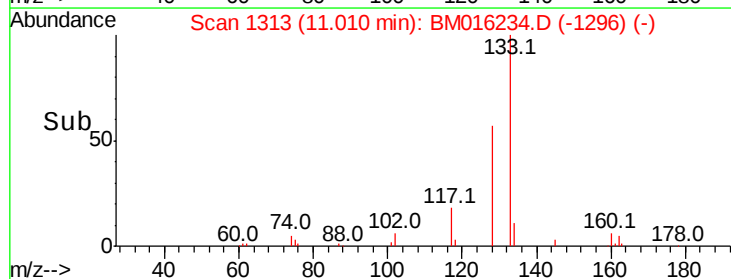
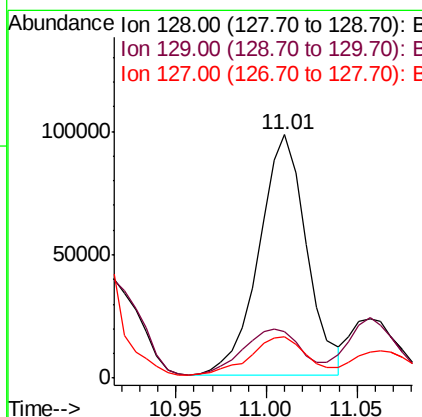
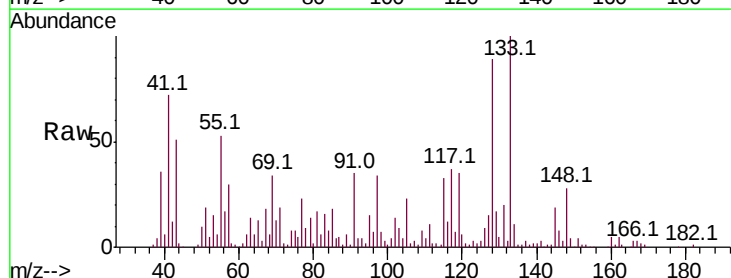
Instrument :
 BNA_M
 ClientSampleId :
 TP-5DL

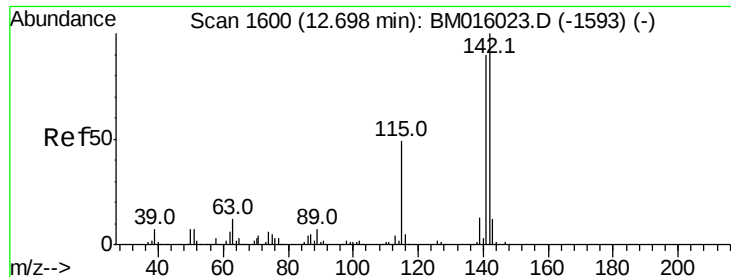
Tot Ion: 82 Resp: 79539
 Ion Ratio Lower Upper
 82 100
 128 39.9 32.8 49.2
 54 92.7 40.6 60.8#



#31
 Naphthalene
 Concen: 15.230 ng
 RT: 11.01 min Scan# 1313
 Delta R.T. 0.00 min
 Lab File: BM016234.D
 Acq: 08 Aug 2018 01:43

Tgt Ion: 128 Resp: 179183
 Ion Ratio Lower Upper
 128 100
 129 18.8 8.9 13.3#
 127 17.2 10.4 15.6#

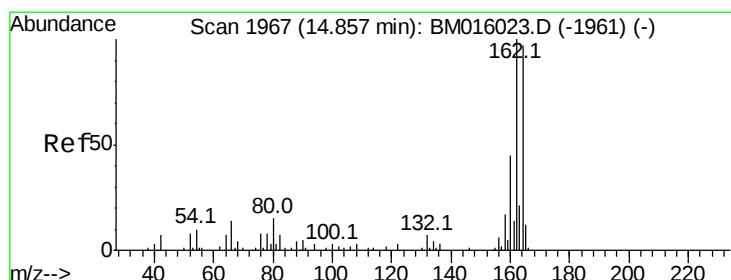
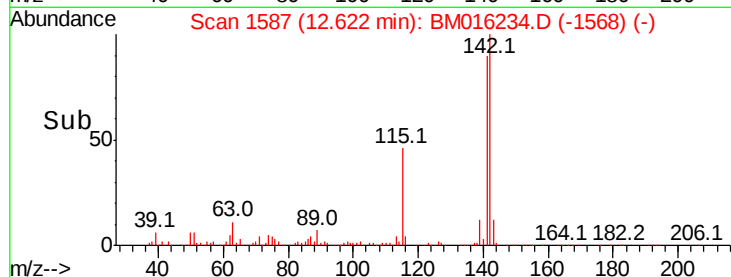
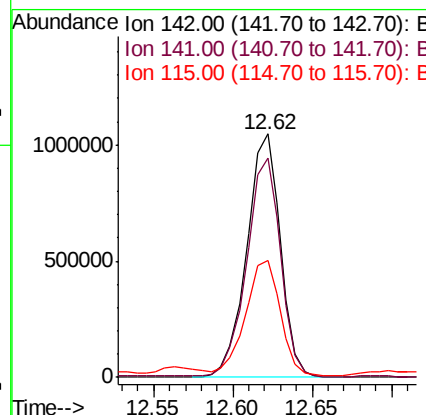
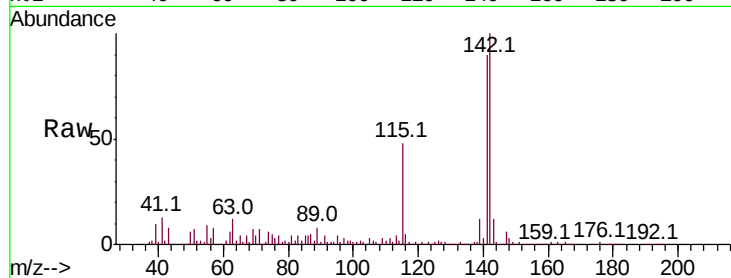




#37
2-Methylnaphthalene
Concen: 194.067 ng
RT: 12.62 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BM016234.D
Acq: 08 Aug 2018 01:43

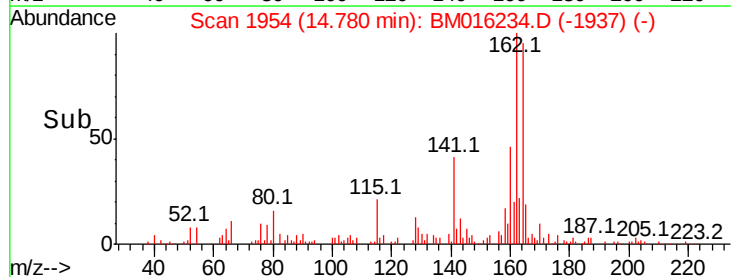
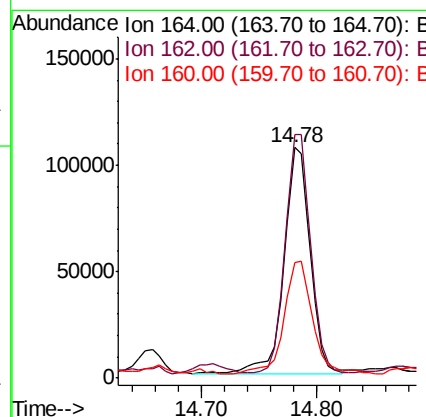
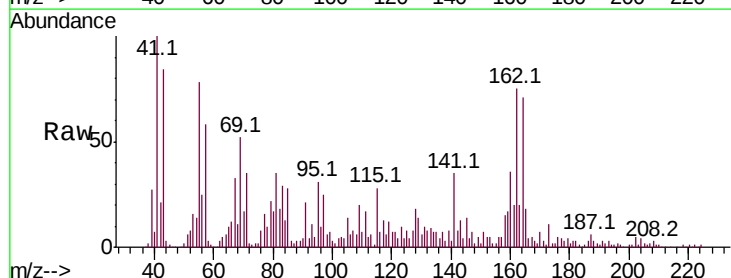
Instrument :
BNA_M
ClientSampled :
TP-5DL

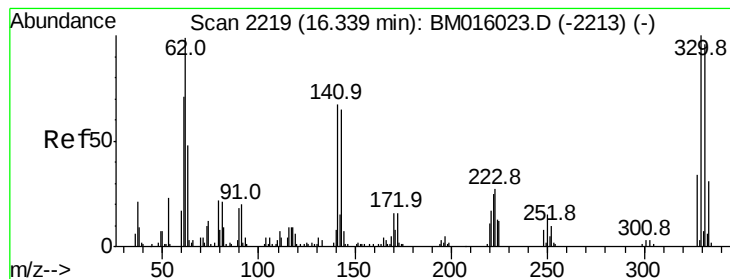
Tot Ion:142 Resp: 1529507
Ion Ratio Lower Upper
142 100
141 89.9 71.9 107.9
115 47.8 25.4 38.0#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1954
Delta R.T. 0.00 min
Lab File: BM016234.D
Acq: 08 Aug 2018 01:43

Tgt Ion:164 Resp: 169436
Ion Ratio Lower Upper
164 100
162 105.5 82.4 123.6
160 50.0 35.8 53.6

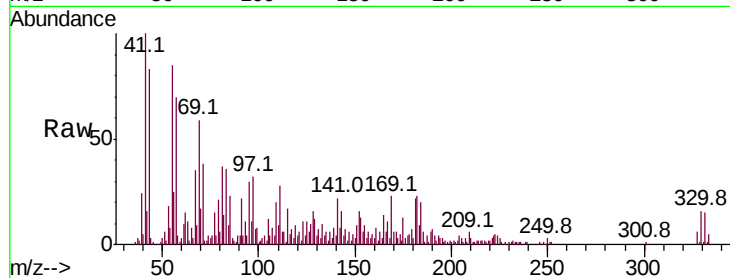




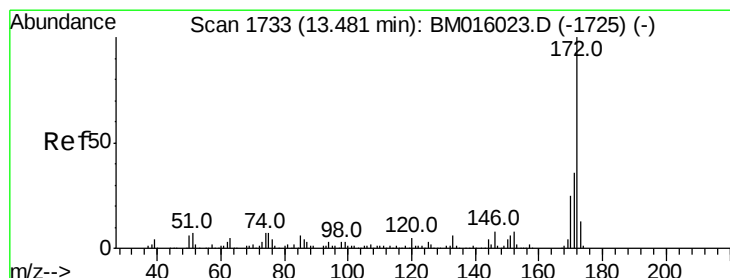
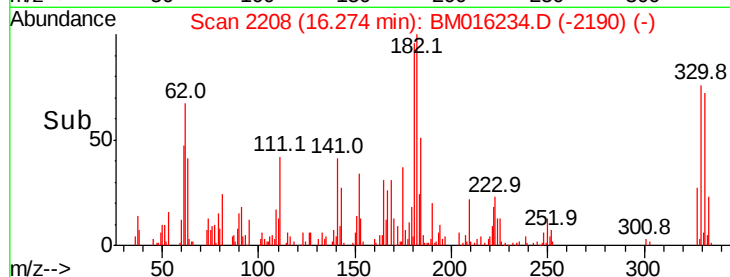
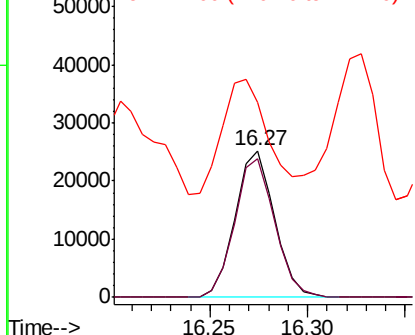
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.27 min Scan# 2208
 Delta R.T. 0.01 min
 Lab File: BM016234.D
 Acq: 08 Aug 2018 01:43

Instrument :
 BNA_M
 ClientSampleId :
 TP-5DL

Tot Ion:330 Resp: 35145
 Ion Ratio Lower Upper
 330 100
 332 96.4 0.0 0.0#
 141 93.7 0.0 0.0#

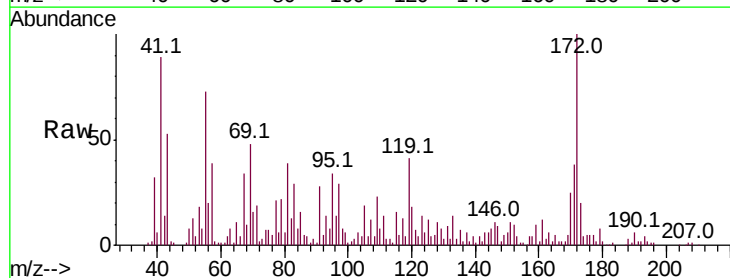


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

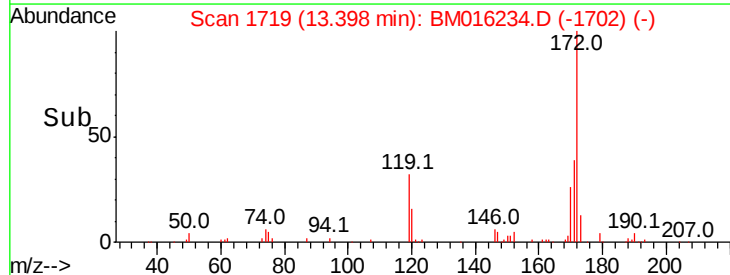
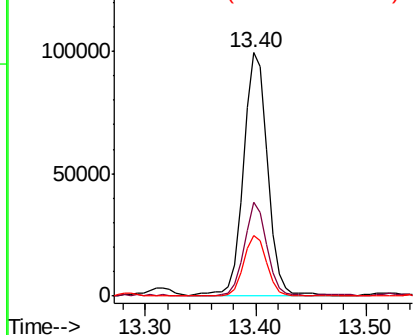


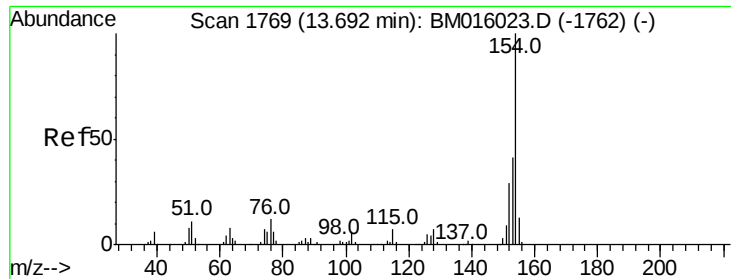
#44
 2-Fluorobiphenyl
 Concen: Below ng
 RT: 13.40 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BM016234.D
 Acq: 08 Aug 2018 01:43

Tgt Ion:172 Resp: 151165
 Ion Ratio Lower Upper
 172 100
 171 38.5 28.5 42.7
 170 25.1 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: 18.217 ng

RT: 13.61 min Scan# 1755

Delta R.T. 0.00 min

Lab File: BM016234.D

Acq: 08 Aug 2018 01:43

Instrument :

BNA_M

ClientSampleId :

TP-5DL

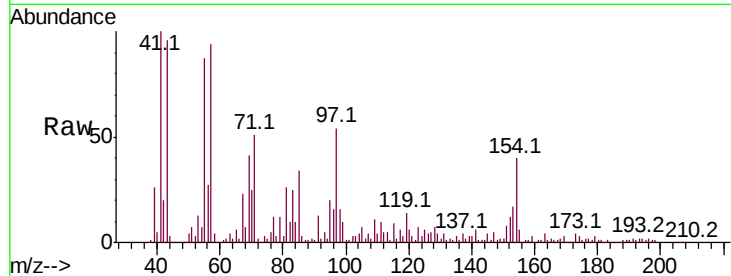
Tot Ion:154 Resp: 278563

Ion Ratio Lower Upper

154 100

153 41.5 20.7 60.7

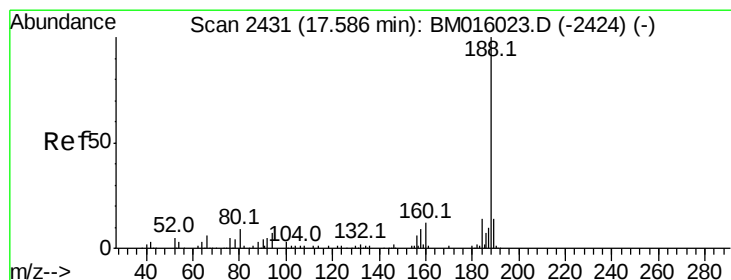
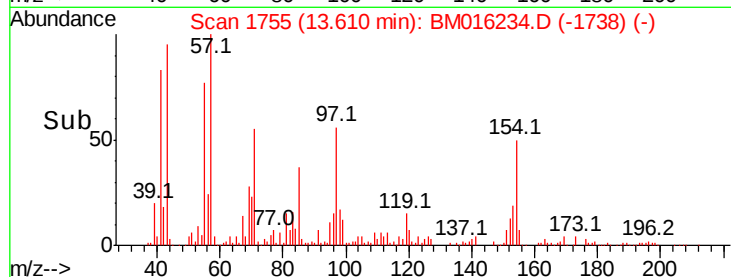
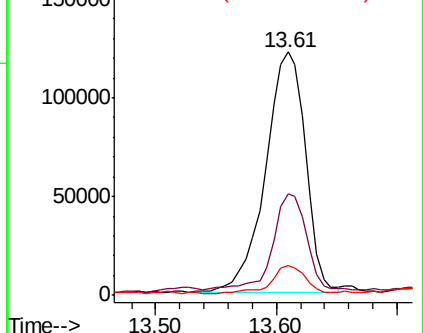
76 12.1 0.0 30.9



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2420

Delta R.T. 0.01 min

Lab File: BM016234.D

Acq: 08 Aug 2018 01:43

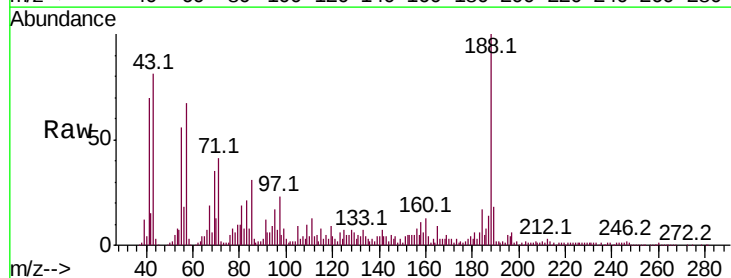
Tgt Ion:188 Resp: 353421

Ion Ratio Lower Upper

188 100

94 8.7 8.7 13.1#

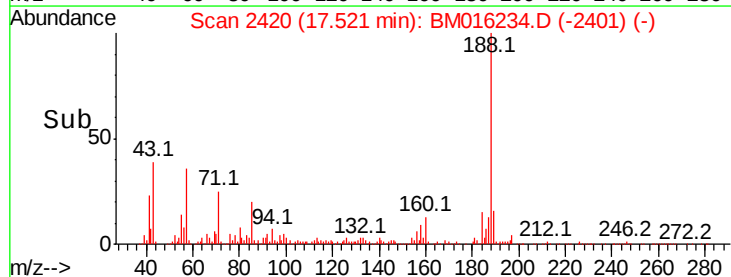
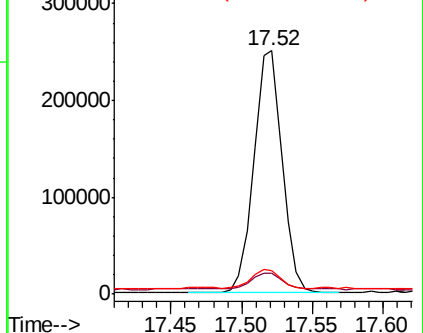
80 9.9 9.3 13.9

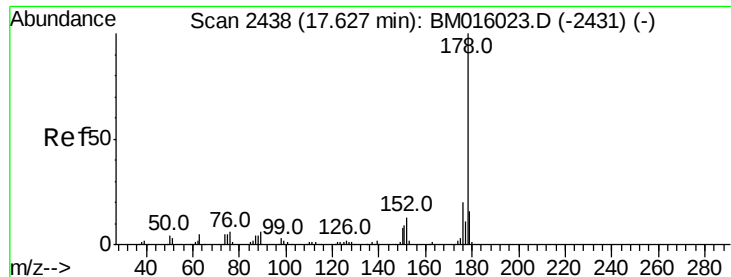


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM





#70

Phenanthrene

Concen: 22.796 ng

RT: 17.56 min Scan# 2427

Delta R.T. 0.01 min

Lab File: BM016234.D

Acq: 08 Aug 2018 01:43

Instrument :

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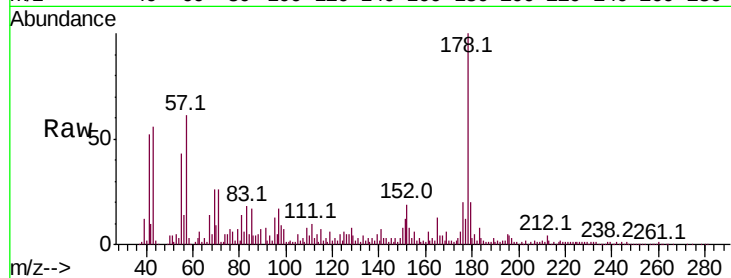
Tot Ion:178 Resp: 451058

Ion Ratio Lower Upper

178 100

176 20.4 15.2 22.8

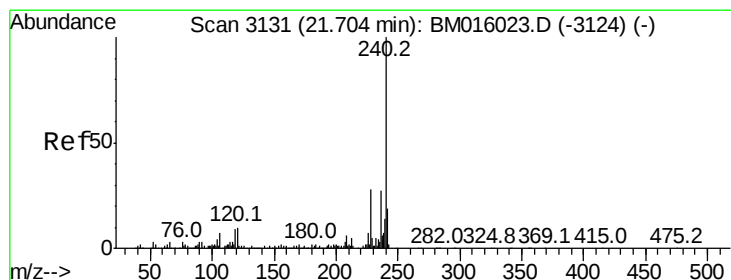
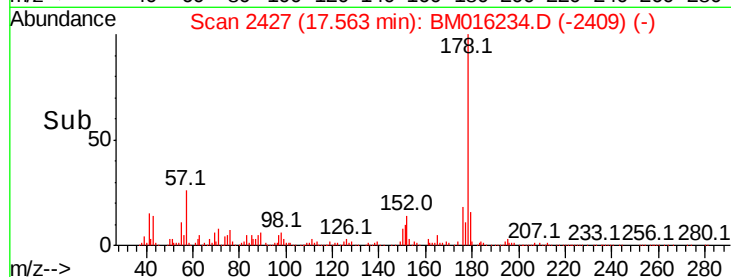
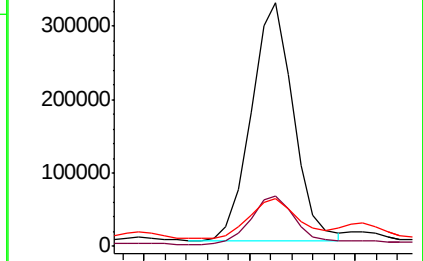
179 19.8 12.1 18.1#



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3120

Delta R.T. -0.01 min

Lab File: BM016234.D

Acq: 08 Aug 2018 01:43

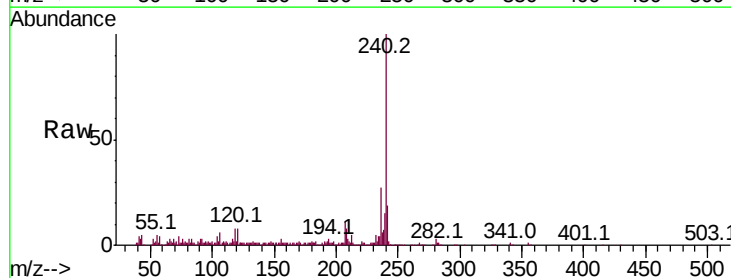
Tgt Ion:240 Resp: 317071

Ion Ratio Lower Upper

240 100

120 8.0 8.2 12.2#

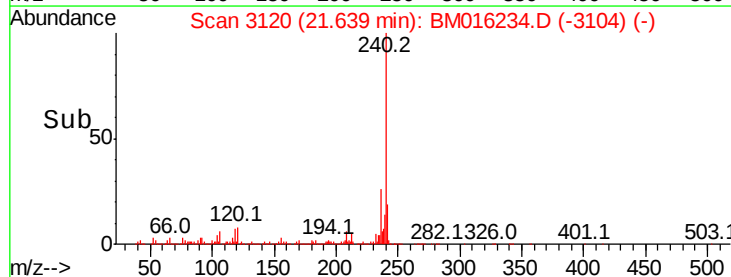
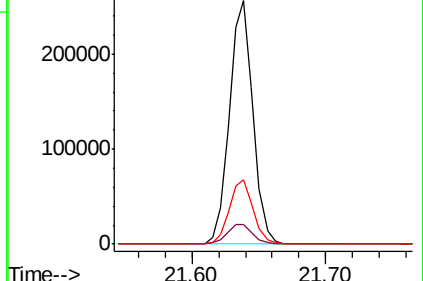
236 26.6 20.0 30.0

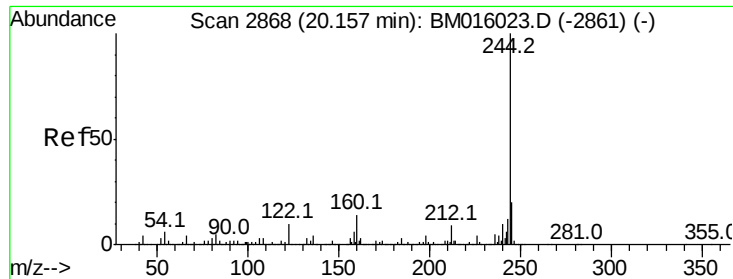


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

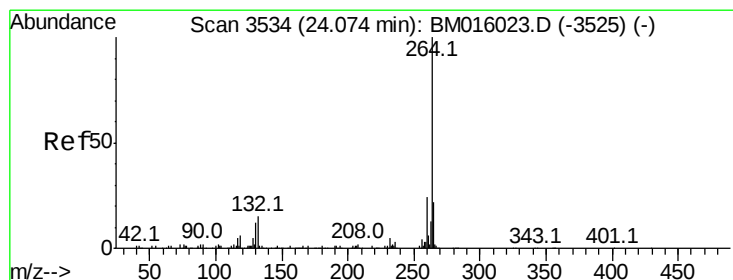
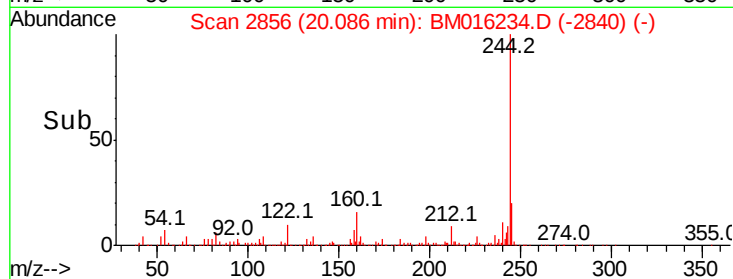
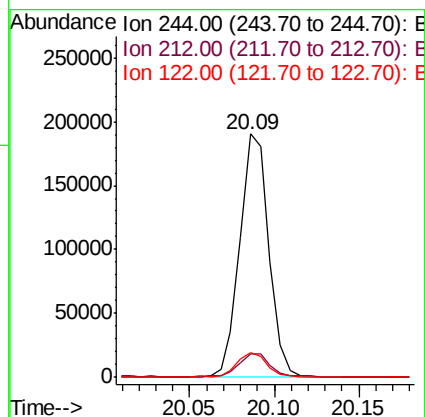
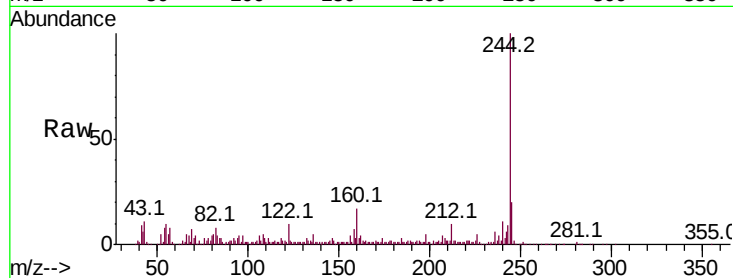




#78
 Terphenyl-d14
 Concen: Below na
 RT: 20.09 min Scan# 2856
 Delta R.T. -0.01 min
 Lab File: BM016234.D
 Acq: 08 Aug 2018 01:43

Instrument :
 BNA_M
 ClientSampleId :
 TP-5DL

Tot Ion:244 Resp: 228677
 Ion Ratio Lower Upper
 244 100
 212 9.7 4.9 7.3#
 122 10.3 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.98 min Scan# 3518
 Delta R.T. 0.00 min
 Lab File: BM016234.D
 Acq: 08 Aug 2018 01:43

Tgt Ion:264 Resp: 279128
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.6 27.8
 265 22.0 17.3 25.9

