

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072618\
 Data File : BM016080.D
 Acq On : 26 Jul 2018 19:58
 Operator : SJ/JU
 Sample : PB111458TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB111458TB

Quant Time: Jul 27 05:52:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 23 16:08:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	65285	20.00	ng	-0.03
21) Naphthalene-d8	11.03	136	247744	20.00	ng	-0.03
38) Acenaphthene-d10	14.83	164	138766	20.00	ng	-0.02
63) Phenanthrene-d10	17.56	188	311559	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	265840	20.00	ng	-0.02
86) Perylene-d12	24.04	264	214849	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	623072	158.54	ng	-0.02
7) Phenol-d6	7.37	99	773839	150.77	ng	-0.02
23) Nitrobenzene-d5	9.39	82	550301	103.31	ng	-0.02
41) 2,4,6-Tribromophenol	16.32	330	314072	178.45	ng	-0.02
44) 2-Fluorobiphenyl	13.46	172	1154638	101.24	ng	-0.02
78) Terphenyl-d14	20.14	244	2058588	162.10	ng	-0.02

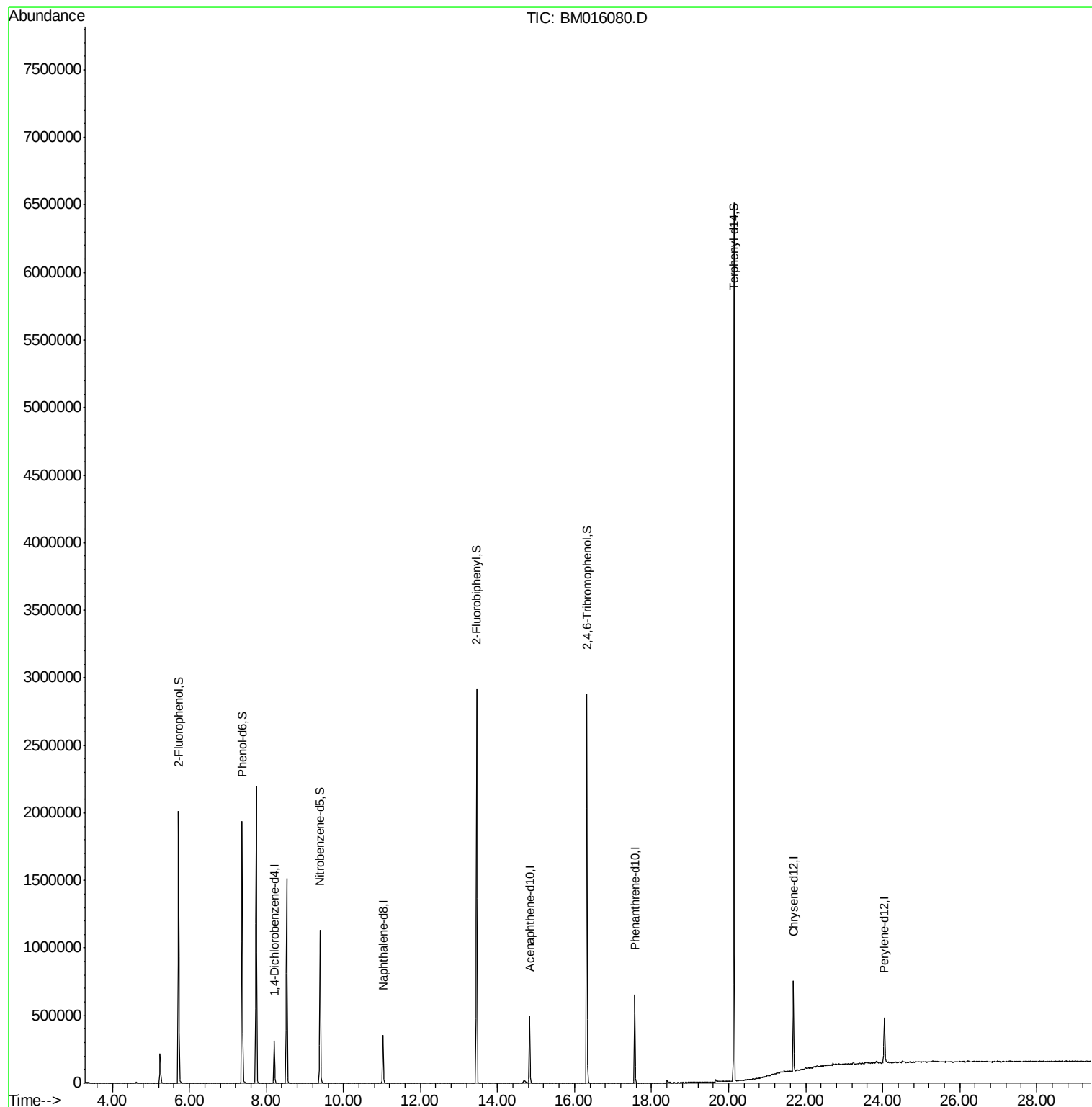
Target Compounds	Qvalue
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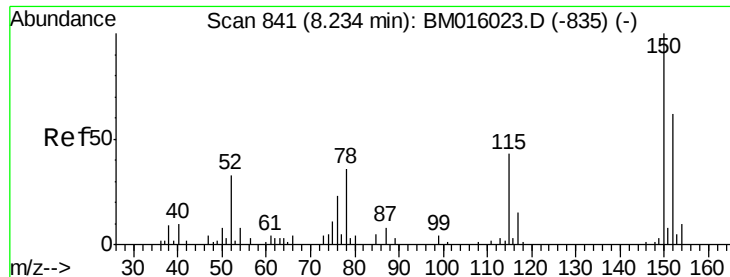
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.20 min Scan# 836

Delta R.T. -0.03 min

Lab File: BM016080.D

Acq: 26 Jul 2018 19:58

Instrument :

BNA_M

ClientSampleId :

PB111458TB

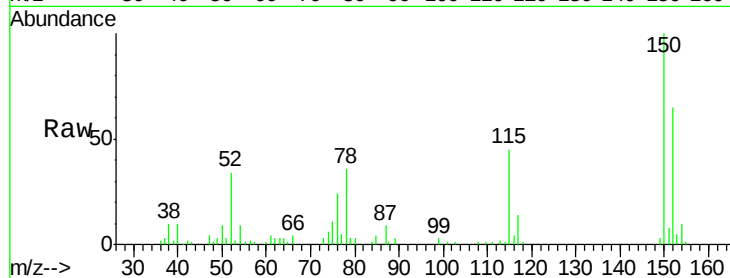
Tgt Ion:152 Resp: 65285

Ion Ratio Lower Upper

152 100

150 153.8 119.5 179.3

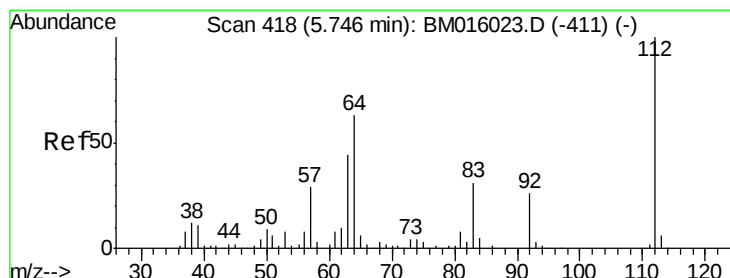
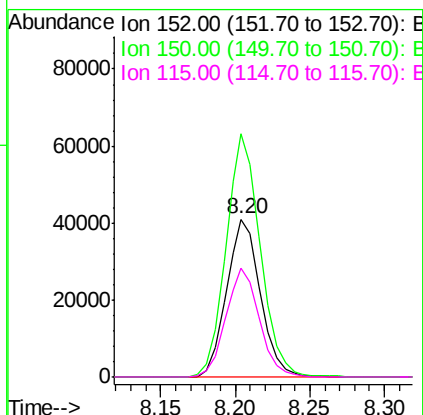
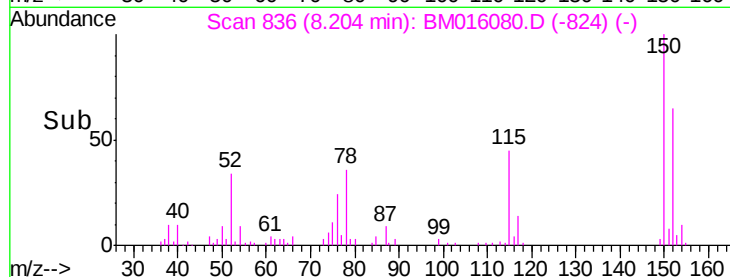
115 68.6 43.0 64.4#



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: N.D. ng

RT: 5.72 min Scan# 414

Delta R.T. -0.02 min

Lab File: BM016080.D

Acq: 26 Jul 2018 19:58

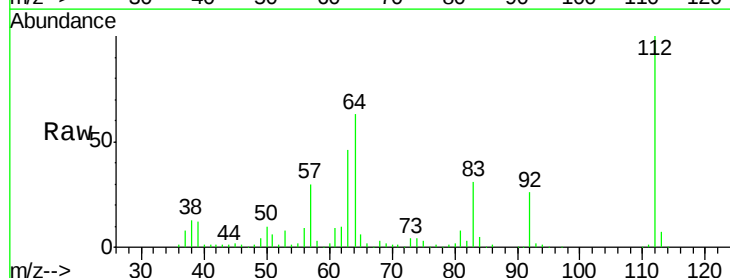
Tgt Ion:112 Resp: 623072

Ion Ratio Lower Upper

112 100

64 62.8 38.6 57.8#

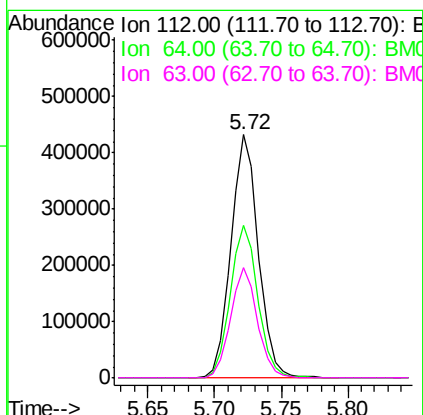
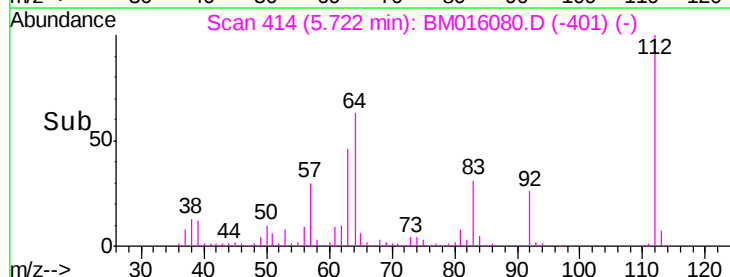
63 45.5 19.3 28.9#

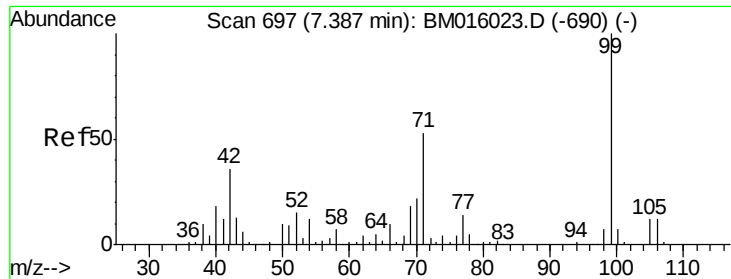


Abundance Ion 112.00 (111.70 to 112.70): E

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: 7.37 min Scan# 694

Delta R.T. -0.02 min

Lab File: BM016080.D

Acq: 26 Jul 2018 19:58

Instrument :

BNA_M

ClientSampleId :

PB111458TB

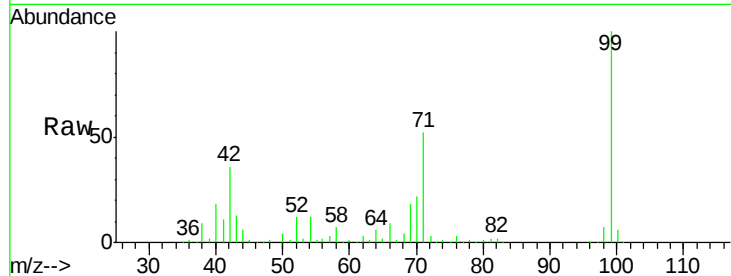
Tgt Ion: 99 Resp: 773839

Ion Ratio Lower Upper

99 100

42 35.8 11.0 16.4#

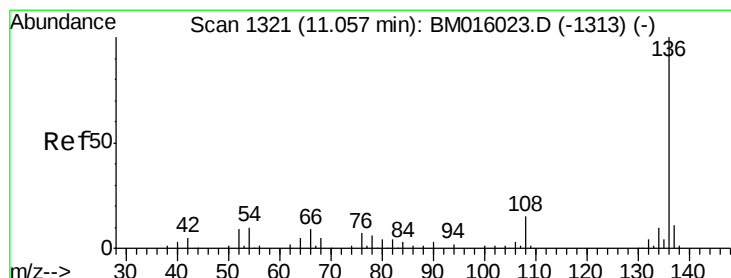
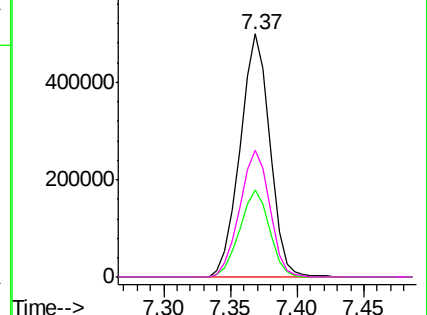
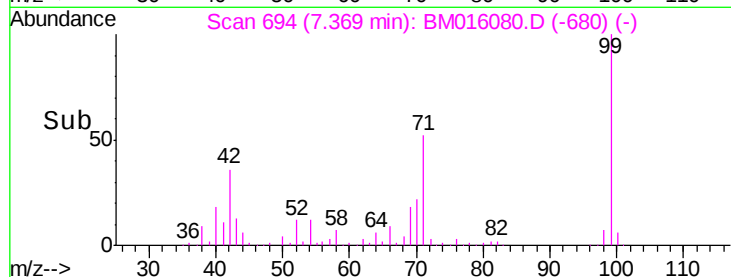
71 52.2 23.4 35.2#



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: 11.03 min Scan# 1316

Delta R.T. -0.03 min

Lab File: BM016080.D

Acq: 26 Jul 2018 19:58

Tgt Ion: 136 Resp: 247744

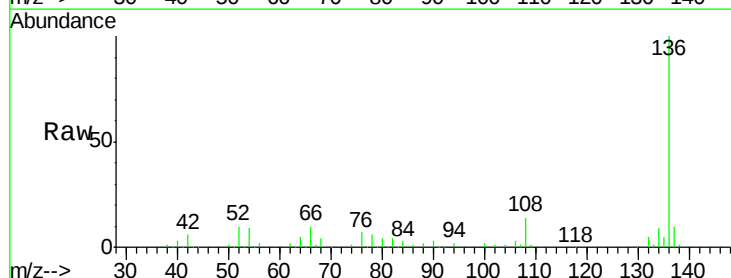
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 9.2 4.6 6.8#

68 4.0 3.7 5.5

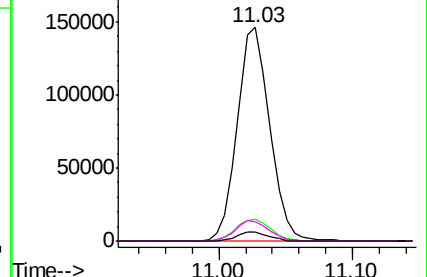
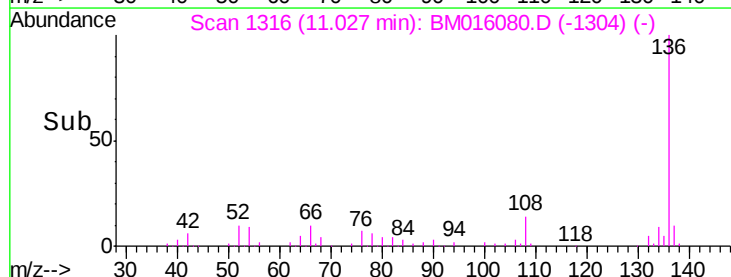


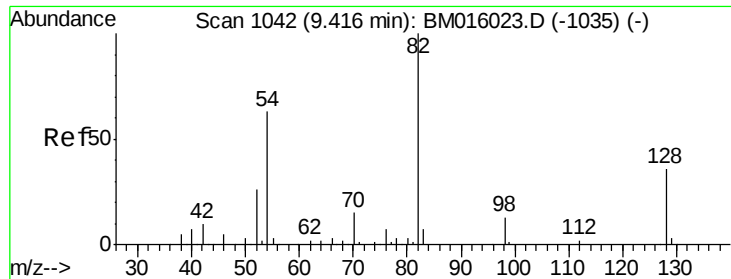
Abundance Ion 136.00 (135.70 to 136.70): BM016023.D (-1313) (-)

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) (-)

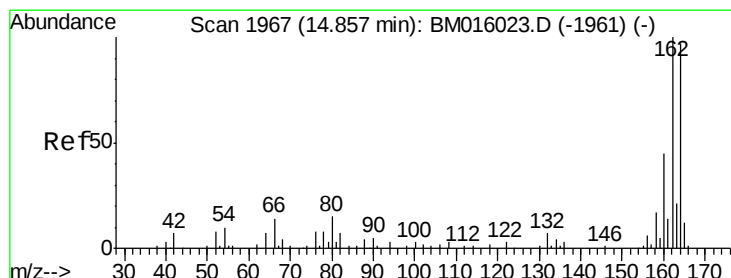
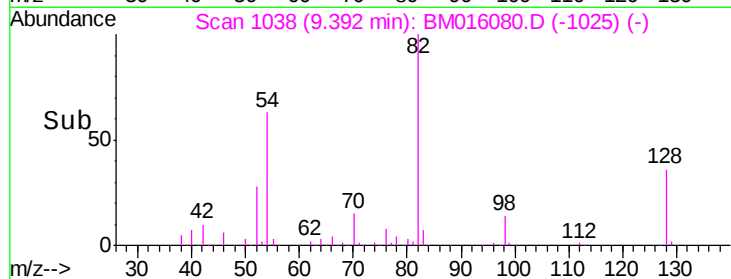
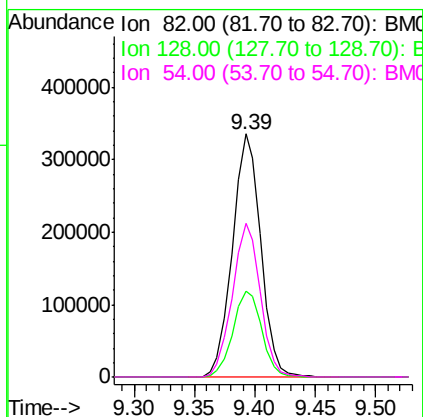
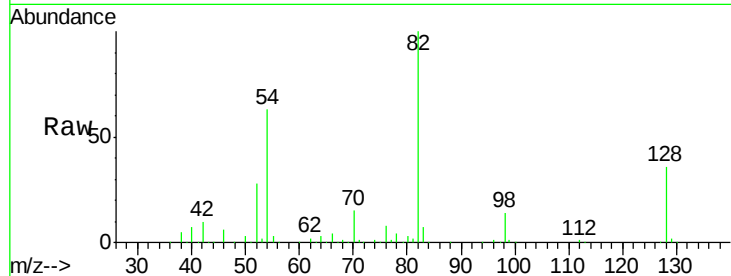




#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.39 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BM016080.D
Acq: 26 Jul 2018 19:58

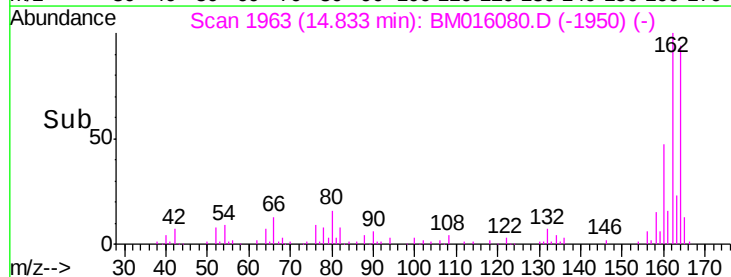
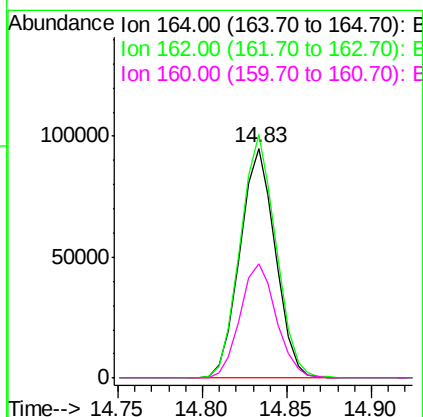
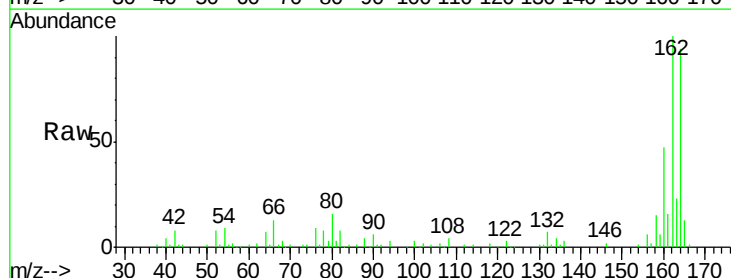
Instrument :
BNA_M
ClientSampleId :
PB111458TB

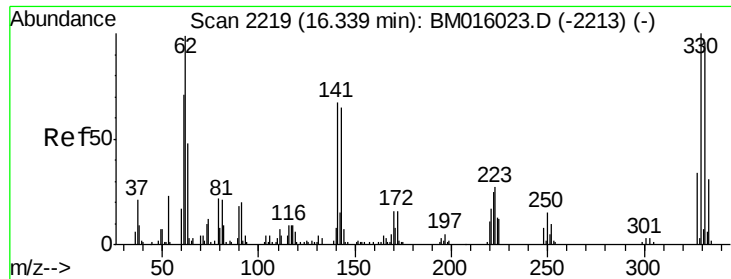
Tgt Ion: 82 Resp: 550301
Ion Ratio Lower Upper
82 100
128 35.6 32.8 49.2
54 63.0 40.6 60.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.83 min Scan# 1963
Delta R.T. -0.02 min
Lab File: BM016080.D
Acq: 26 Jul 2018 19:58

Tgt Ion: 164 Resp: 138766
Ion Ratio Lower Upper
164 100
162 105.9 82.4 123.6
160 49.9 35.8 53.6

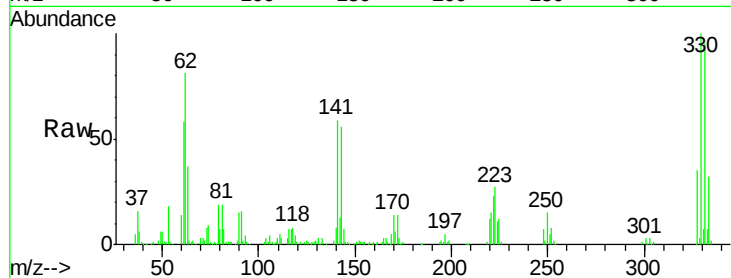




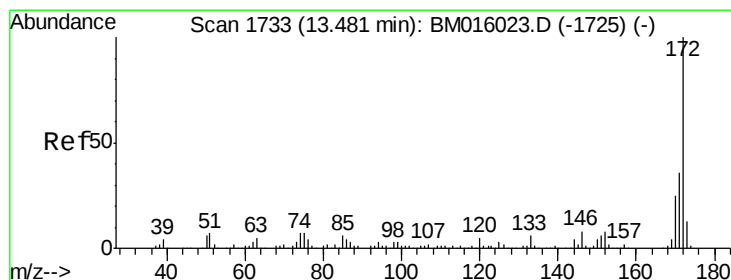
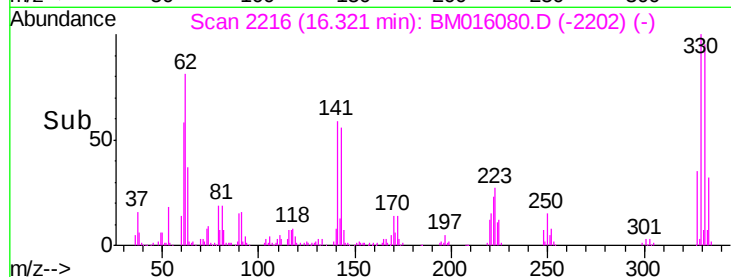
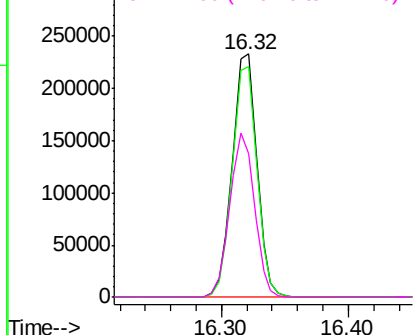
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.32 min Scan# 2216
 Delta R.T. -0.02 min
 Lab File: BM016080.D
 Acq: 26 Jul 2018 19:58

Instrument :
 BNA_M
 ClientSampleId :
 PB111458TB

Tgt Ion:330 Resp: 314072
 Ion Ratio Lower Upper
 330 100
 332 95.3 0.0 0.0#
 141 67.5 0.0 0.0#

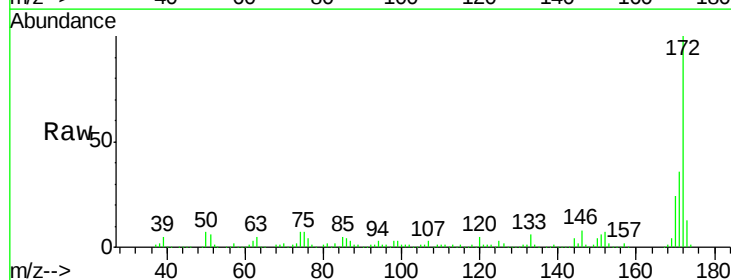


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

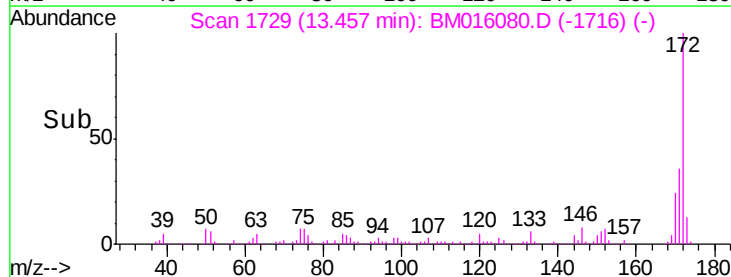
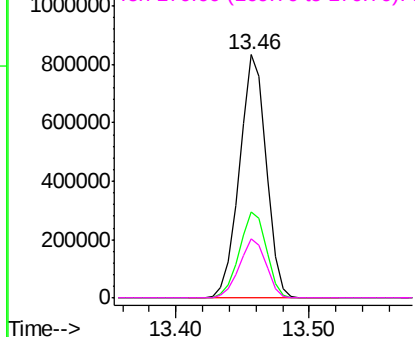


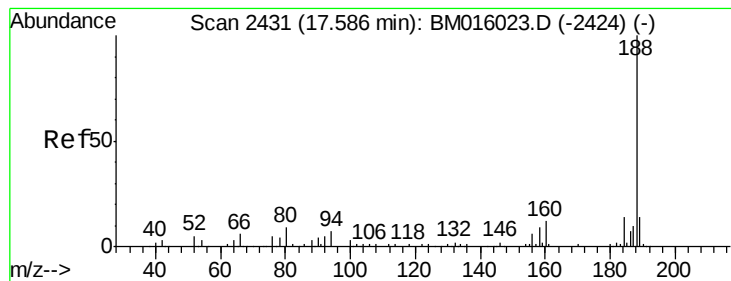
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.46 min Scan# 1729
 Delta R.T. -0.02 min
 Lab File: BM016080.D
 Acq: 26 Jul 2018 19:58

Tgt Ion:172 Resp: 1154638
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.5 42.7
 170 24.2 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.56 min Scan# 2427

Delta R.T. -0.02 min

Lab File: BM016080.D

Acq: 26 Jul 2018 19:58

Instrument :

BNA_M

ClientSampleId :

PB111458TB

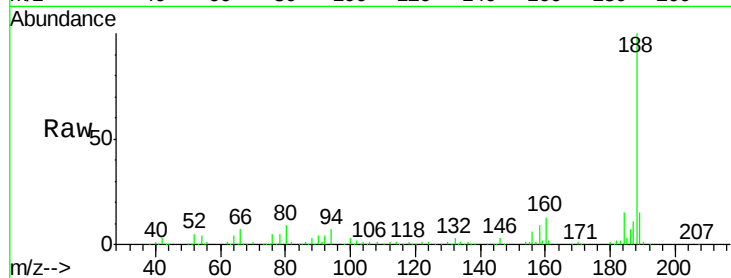
Tgt Ion:188 Resp: 311559

Ion Ratio Lower Upper

188 100

94 6.9 8.7 13.1#

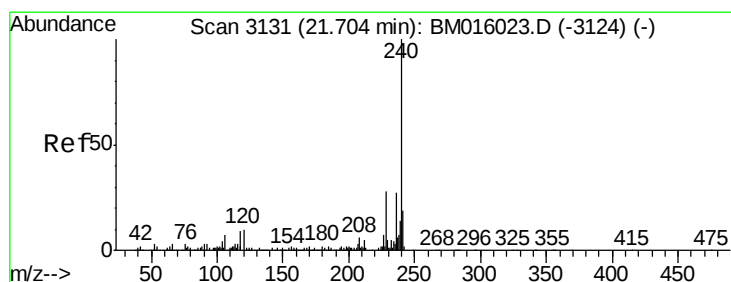
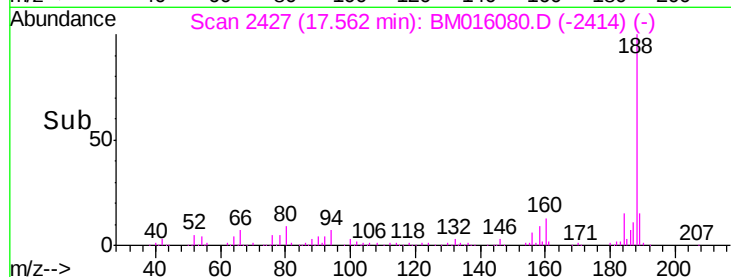
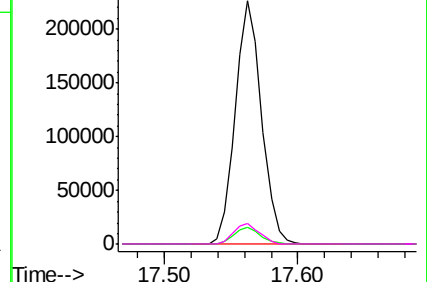
80 8.7 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3127

Delta R.T. -0.02 min

Lab File: BM016080.D

Acq: 26 Jul 2018 19:58

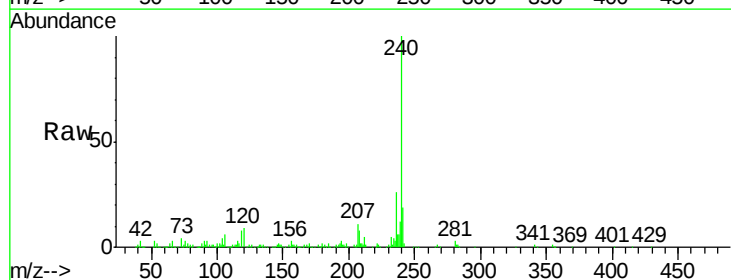
Tgt Ion:240 Resp: 265840

Ion Ratio Lower Upper

240 100

120 8.7 8.2 12.2

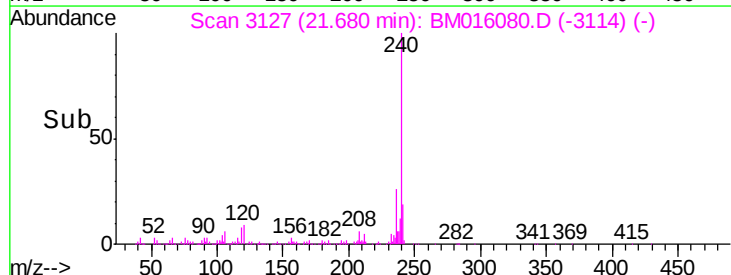
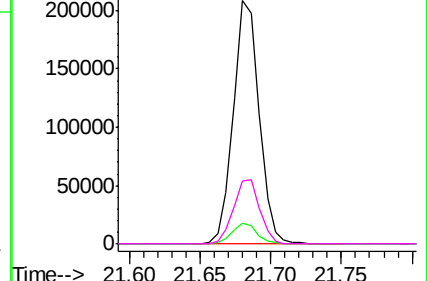
236 26.1 20.0 30.0

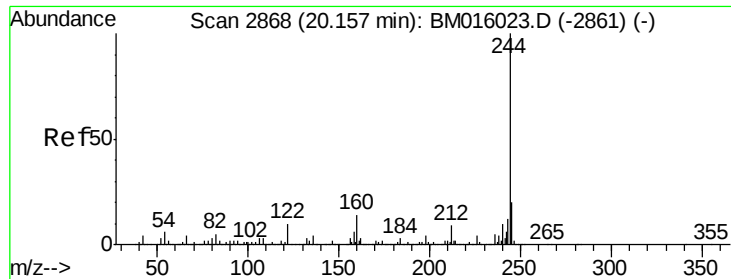


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: N.D. ng

RT: 20.14 min Scan# 2865

Delta R.T. -0.02 min

Lab File: BM016080.D

Acq: 26 Jul 2018 19:58

Instrument :

BNA_M

ClientSampleId :

PB111458TB

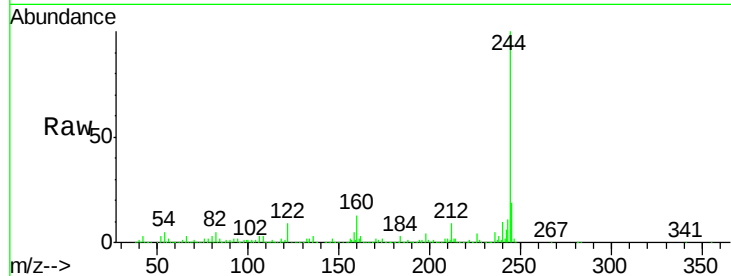
Tgt Ion:244 Resp: 2058588

Ion Ratio Lower Upper

244 100

212 9.1 4.9 7.3#

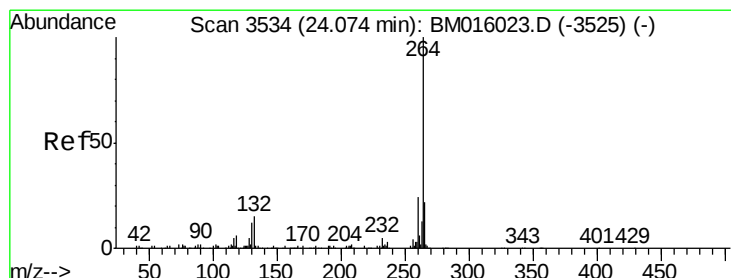
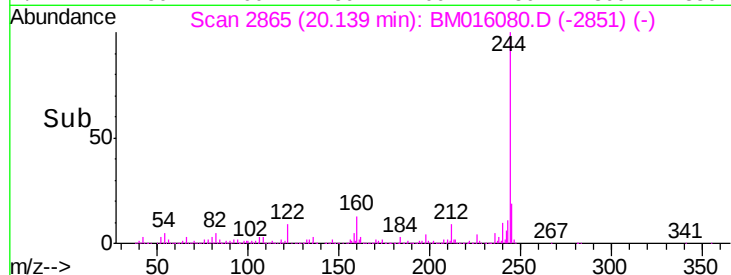
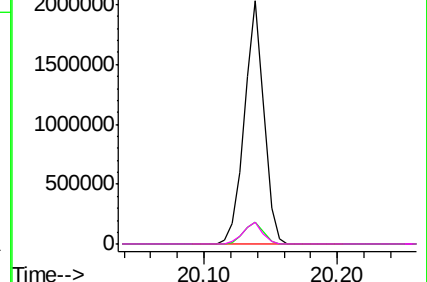
122 8.9 6.2 9.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.04 min Scan# 3529

Delta R.T. -0.03 min

Lab File: BM016080.D

Acq: 26 Jul 2018 19:58

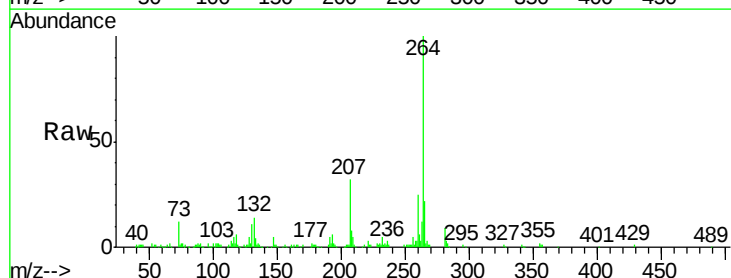
Tgt Ion:264 Resp: 214849

Ion Ratio Lower Upper

264 100

260 24.8 18.6 27.8

265 22.4 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

