

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081518\
 Data File : BM016386.D
 Acq On : 15 Aug 2018 18:36
 Operator : SJ/JU
 Sample : J4471-25
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BED-ROCK

Quant Time: Aug 16 01:29:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 15 11:23:48 2018
 Response via : Initial Calibration

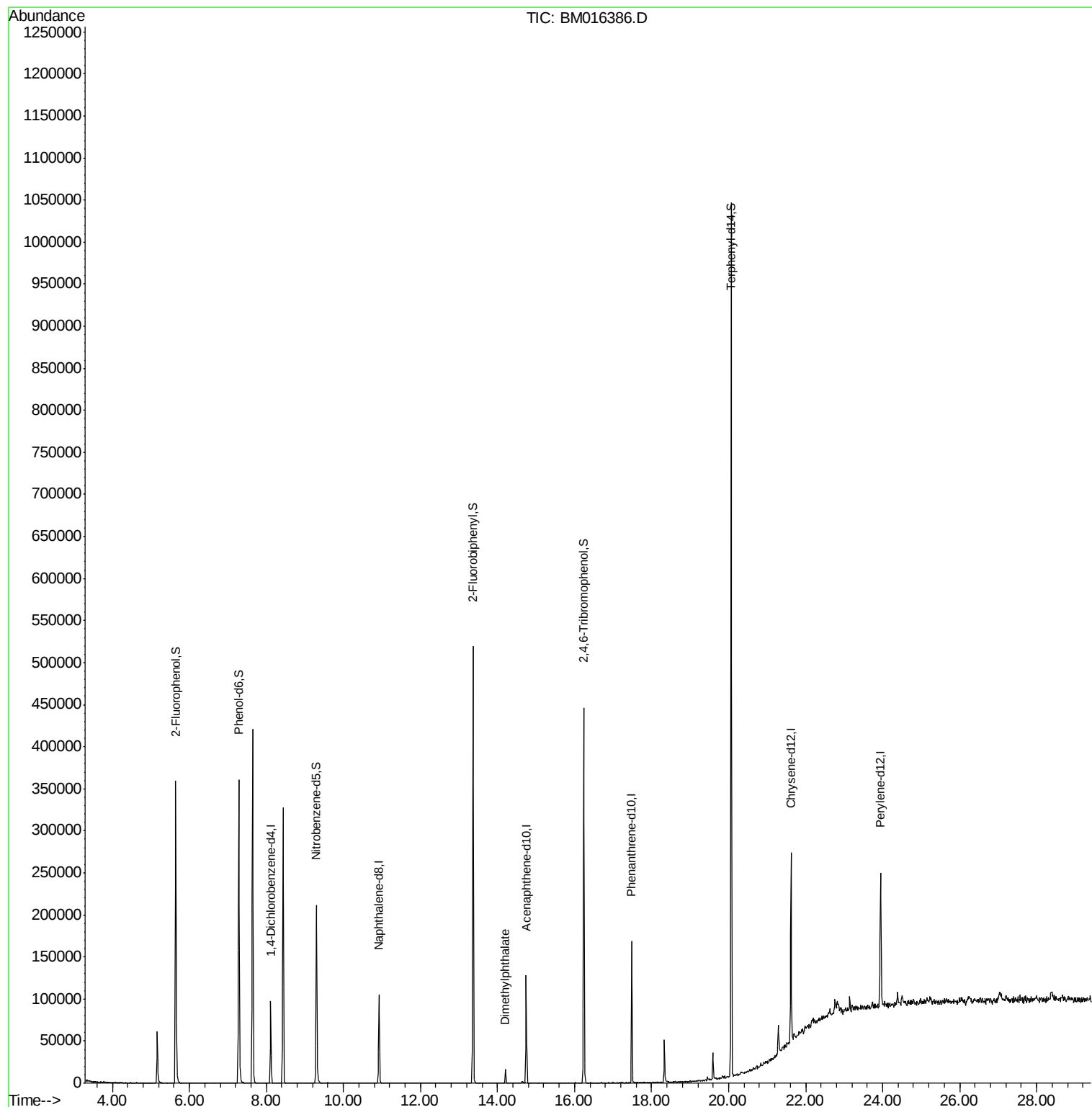
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	19540	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	69925	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	35820	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	78299	20.00	ng	0.00
75) Chrysene-d12	21.62	240	90656	20.00	ng	0.00
86) Perylene-d12	23.95	264	103193	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	114074	96.98	ng	0.00
7) Phenol-d6	7.28	99	131680	85.72	ng	0.00
23) Nitrobenzene-d5	9.30	82	104018	69.19	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	42038	92.53	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	198678	67.49	ng	0.00
78) Terphenyl-d14	20.06	244	329393	76.06	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.20	163	9868	3.148	ng	Qvalue # 95

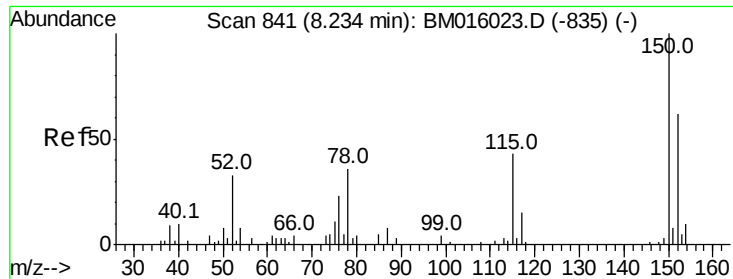
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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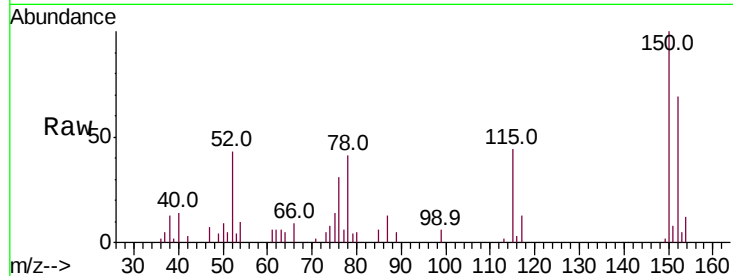


#1

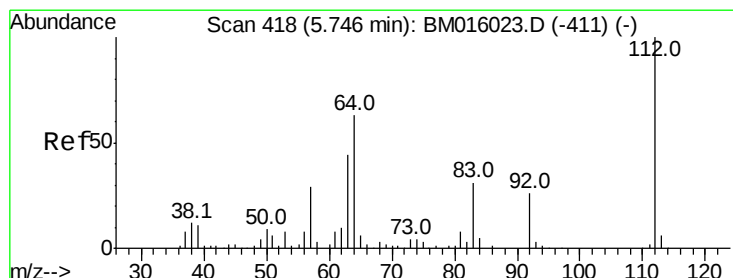
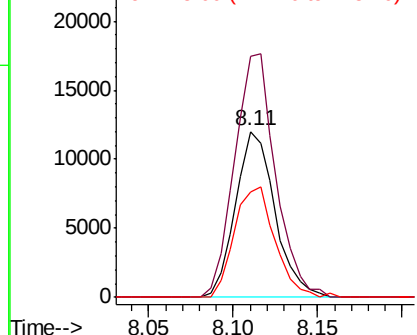
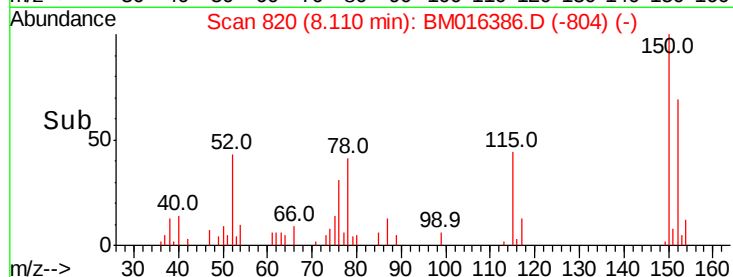
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.01 min
Lab File: BM016386.D
Acq: 15 Aug 2018 18:36

Instrument :
BNA_M
ClientSampleId :
BED-ROCK

Tot Ion:152 Resp: 19540
Ion Ratio Lower Upper
152 100
150 145.3 119.5 179.3
115 63.7 43.0 64.4



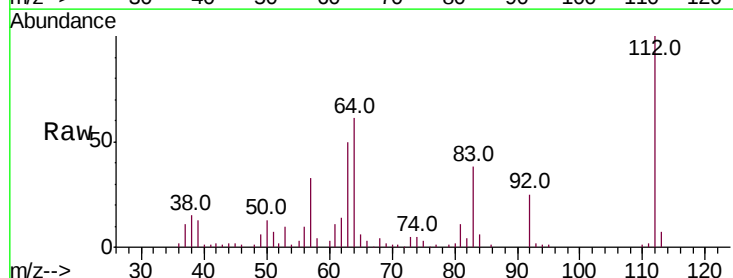
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



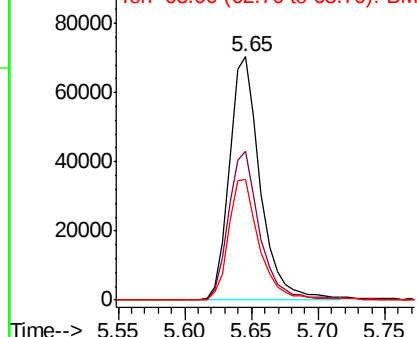
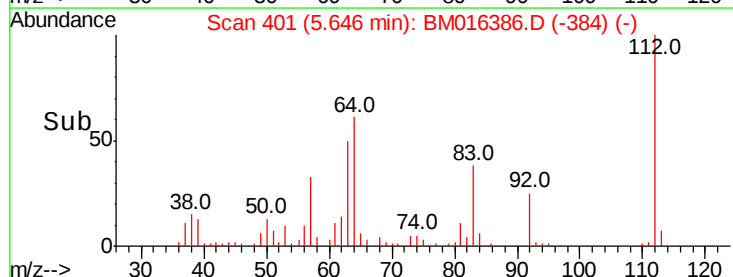
#5

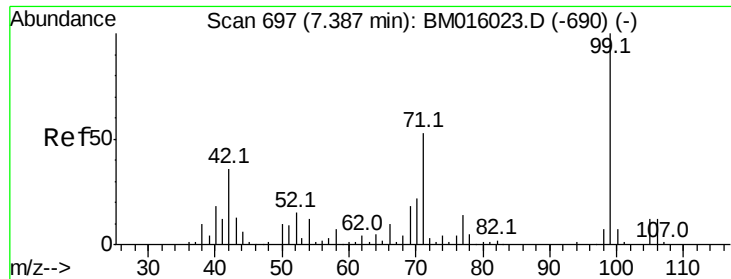
2-Fluorophenol
Concen: N.D. ng
RT: 5.65 min Scan# 401
Delta R.T. 0.00 min
Lab File: BM016386.D
Acq: 15 Aug 2018 18:36

Tgt Ion:112 Resp: 114074
Ion Ratio Lower Upper
112 100
64 61.0 38.6 57.8#
63 49.5 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: 7.28 min Scan# 679

Delta R.T. -0.01 min

Lab File: BM016386.D

Acq: 15 Aug 2018 18:36

Instrument :

BNA_M

ClientSampleId :

BED-ROCK

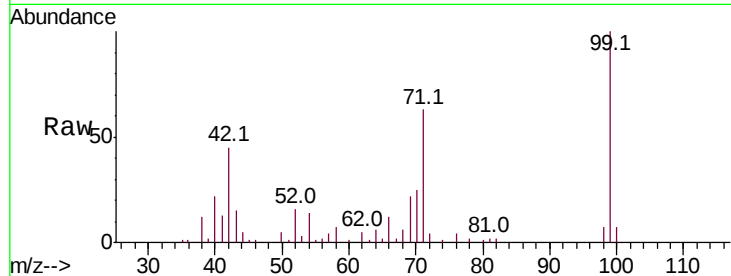
Tot Ion: 99 Resp: 131680

Ion Ratio Lower Upper

99 100

42 44.6 11.0 16.4#

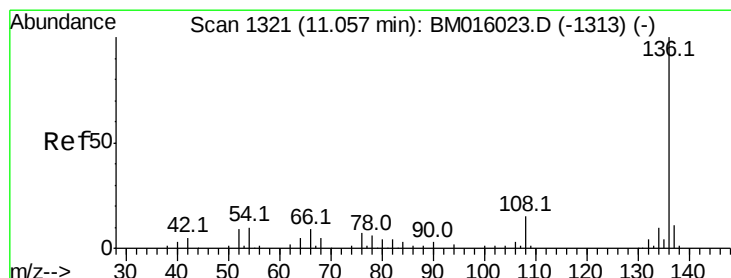
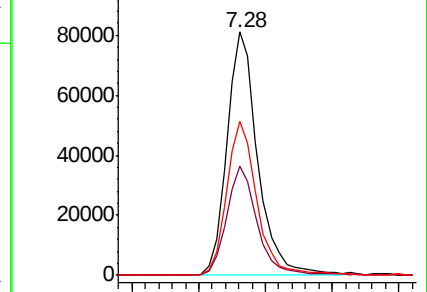
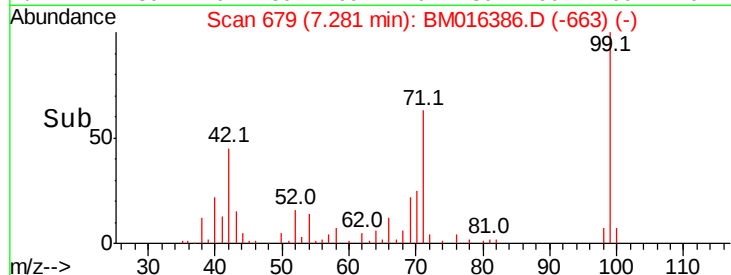
71 63.3 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016386.D (-663) (-)

Ion 42.00 (41.70 to 42.70): BM016386.D (-663) (-)

Ion 71.00 (70.70 to 71.70): BM016386.D (-663) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BM016386.D

Acq: 15 Aug 2018 18:36

Tgt Ion: 136 Resp: 69925

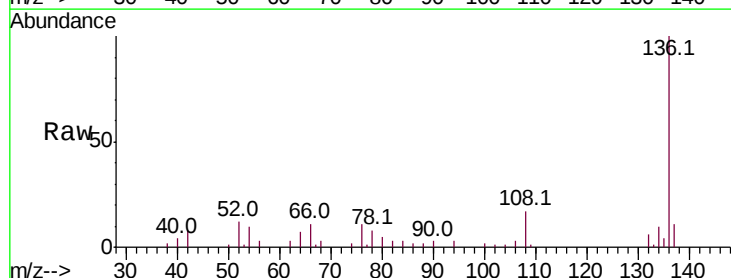
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 10.1 4.6 6.8#

68 3.4 3.7 5.5#

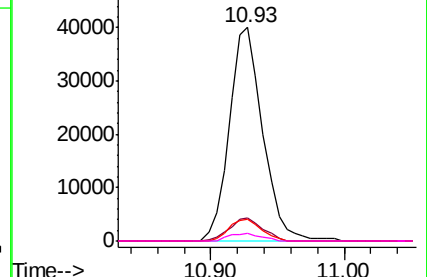
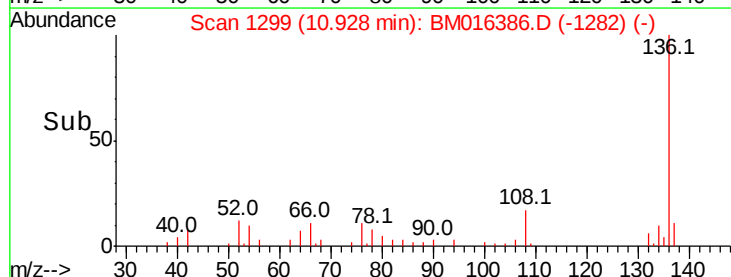


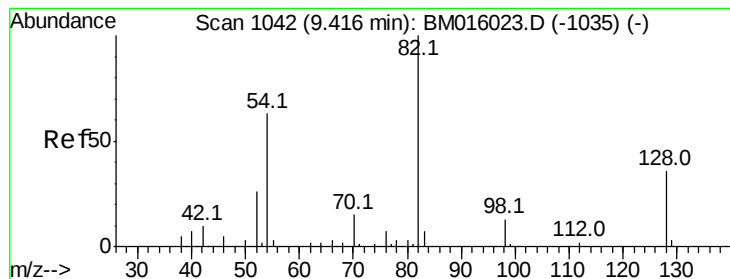
Abundance Ion 136.00 (135.70 to 136.70): BM016386.D (-1282) (-)

Ion 137.00 (136.70 to 137.70): BM016386.D (-1282) (-)

Ion 54.00 (53.70 to 54.70): BM016386.D (-1282) (-)

Ion 68.00 (67.70 to 68.70): BM016386.D (-1282) (-)





#23

Nitrobenzene-d5

Concen: N.D. ng

RT: 9.30 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BM016386.D

Acq: 15 Aug 2018 18:36

Instrument :

BNA_M

ClientSampleId :

BED-ROCK

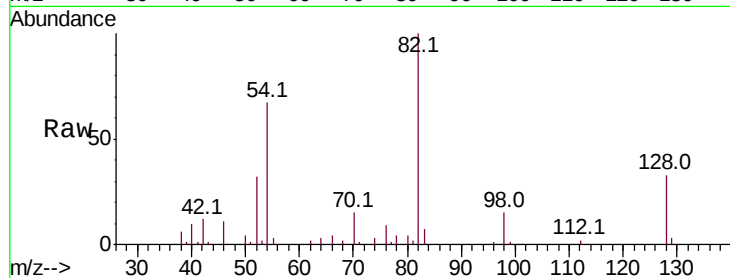
Tot Ion: 82 Resp: 104018

Ion Ratio Lower Upper

82 100

128 33.1 32.8 49.2

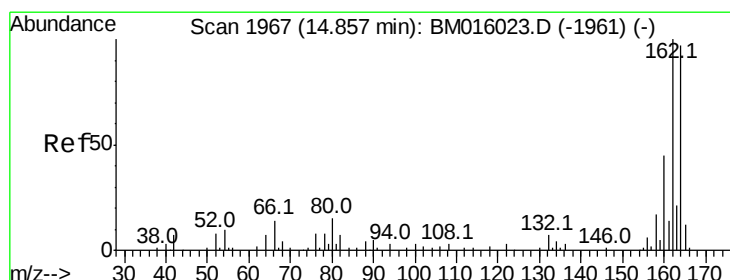
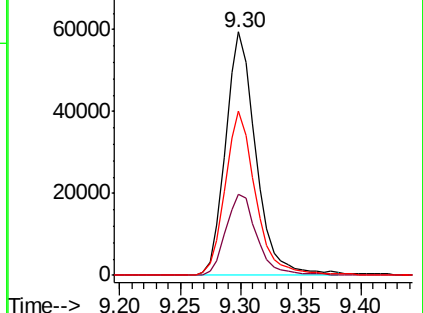
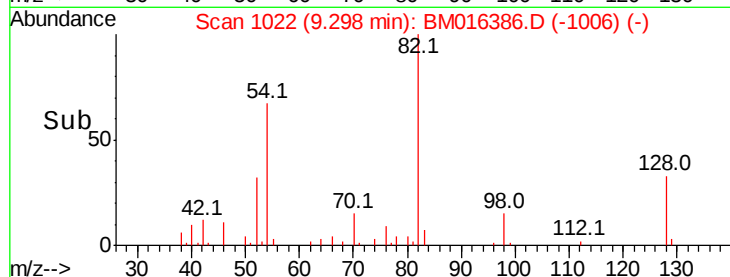
54 67.5 40.6 60.8#



Abundance Ion 82.00 (81.70 to 82.70): BM016386.D (-1006) (-)

Ion 128.00 (127.70 to 128.70): BM016386.D (-1006) (-)

Ion 54.00 (53.70 to 54.70): BM016386.D (-1006) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BM016386.D

Acq: 15 Aug 2018 18:36

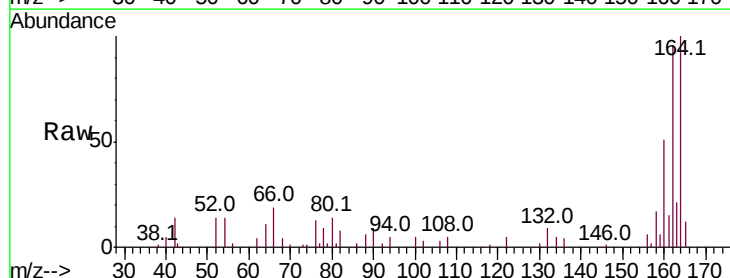
Tgt Ion: 164 Resp: 35820

Ion Ratio Lower Upper

164 100

162 96.2 82.4 123.6

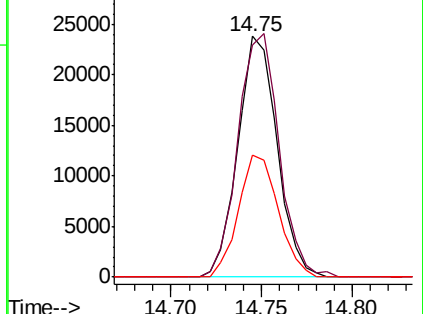
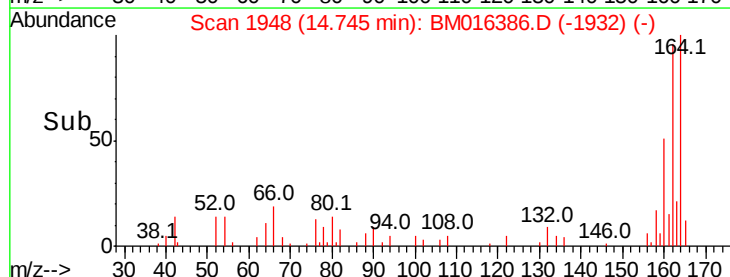
160 50.6 35.8 53.6

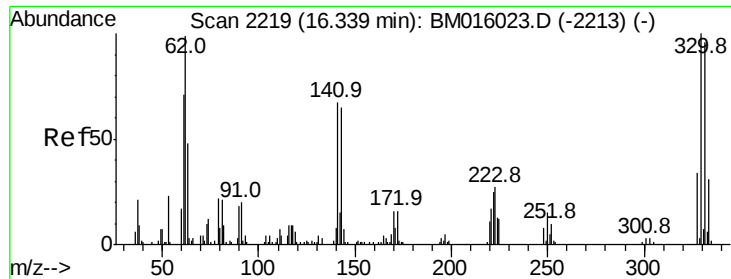


Abundance Ion 164.00 (163.70 to 164.70): BM016386.D (-1932) (-)

Ion 162.00 (161.70 to 162.70): BM016386.D (-1932) (-)

Ion 160.00 (159.70 to 160.70): BM016386.D (-1932) (-)

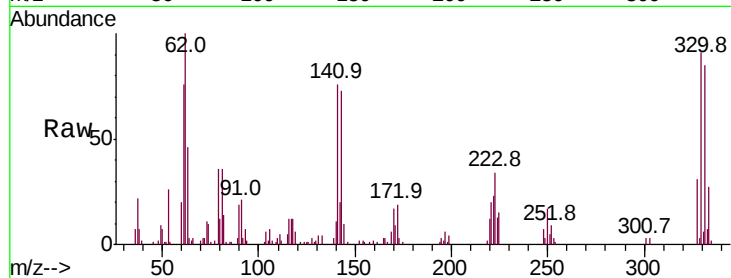




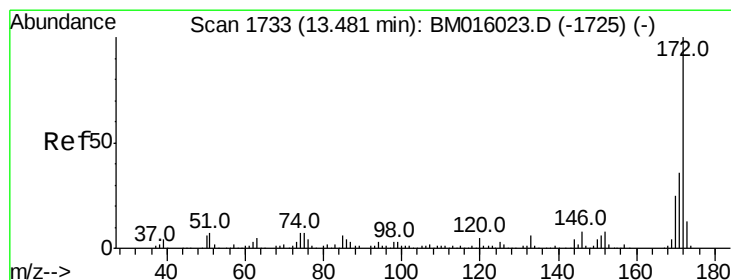
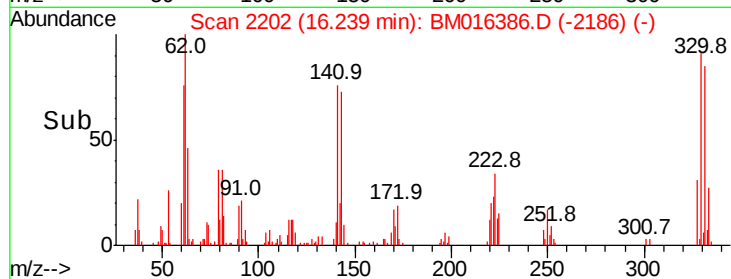
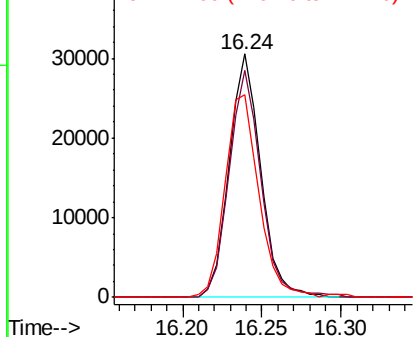
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.24 min Scan# 2202
 Delta R.T. -0.01 min
 Lab File: BM016386.D
 Acq: 15 Aug 2018 18:36

Instrument :
 BNA_M
 ClientSampleId :
 BED-ROCK

Tot Ion:330 Resp: 42038
 Ion Ratio Lower Upper
 330 100
 332 94.5 0.0 0.0#
 141 89.0 0.0 0.0#

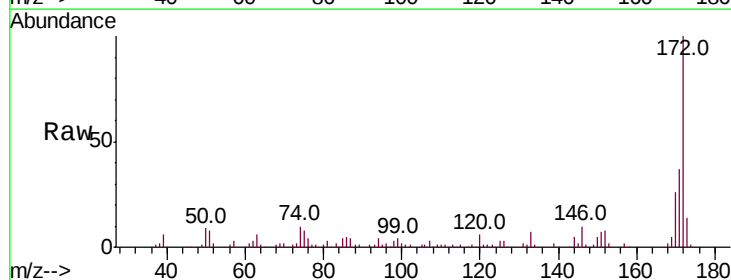


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

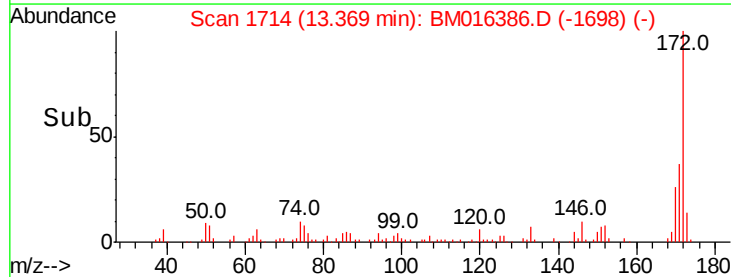
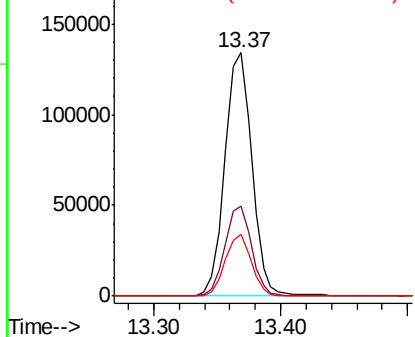


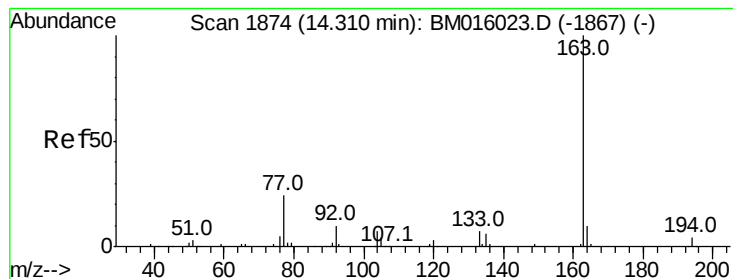
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.37 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BM016386.D
 Acq: 15 Aug 2018 18:36

Tgt Ion:172 Resp: 198678
 Ion Ratio Lower Upper
 172 100
 171 37.1 28.5 42.7
 170 25.6 18.8 28.2



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





#49

Dimethylphthalate

Concen: 3.148 ng

RT: 14.20 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BM016386.D

Acq: 15 Aug 2018 18:36

Instrument :

BNA_M

ClientSampleId :

BED-ROCK

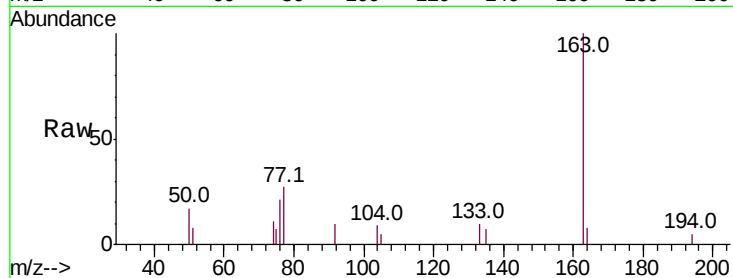
Tot Ion:163 Resp: 9868

Ion Ratio Lower Upper

163 100

194 4.6 2.7 4.1#

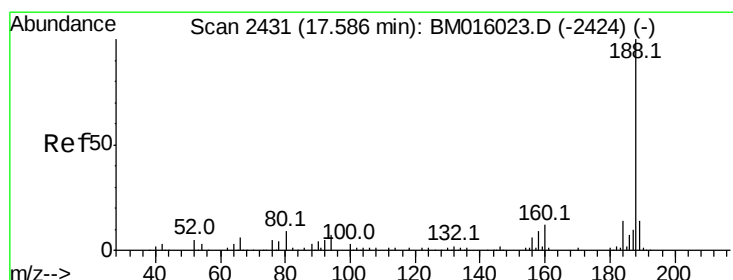
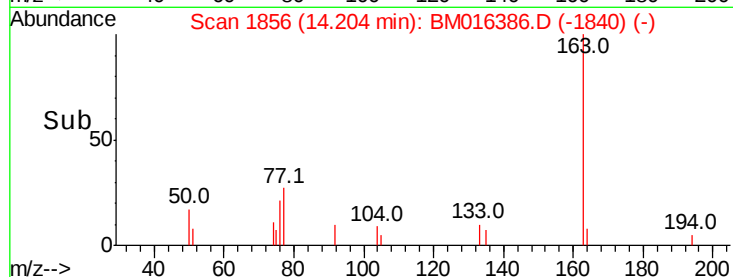
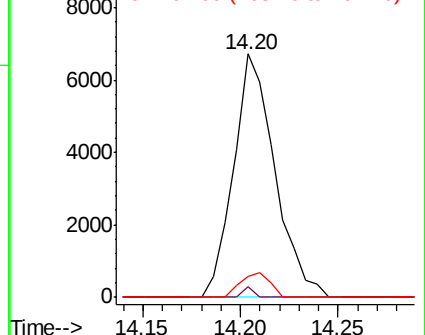
164 8.4 8.2 12.2



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BM016386.D

Acq: 15 Aug 2018 18:36

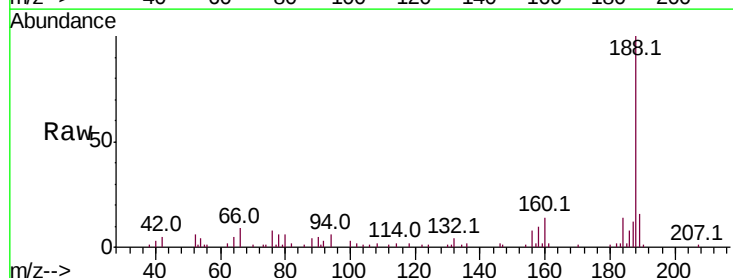
Tgt Ion:188 Resp: 78299

Ion Ratio Lower Upper

188 100

94 5.9 8.7 13.1#

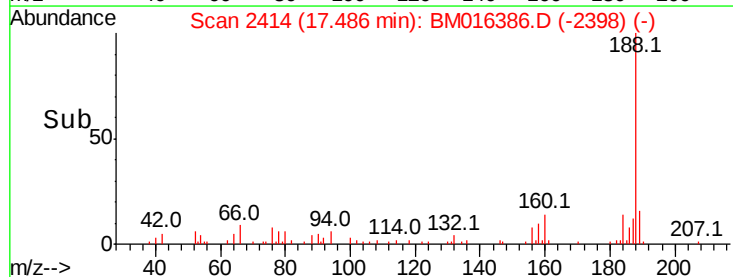
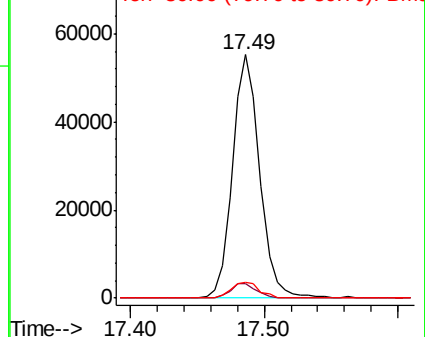
80 6.4 9.3 13.9#

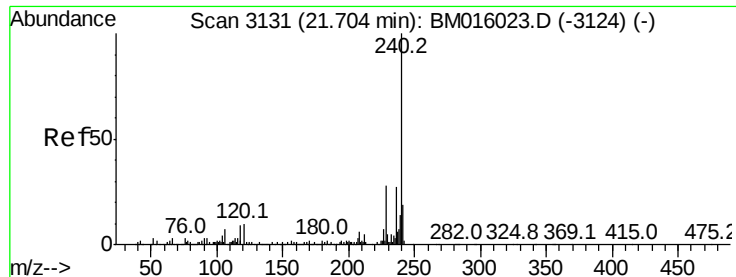


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.62 min Scan# 3117

Delta R.T. 0.00 min

Lab File: BM016386.D

Acq: 15 Aug 2018 18:36

Instrument :

BNA_M

ClientSampleId :

BED-ROCK

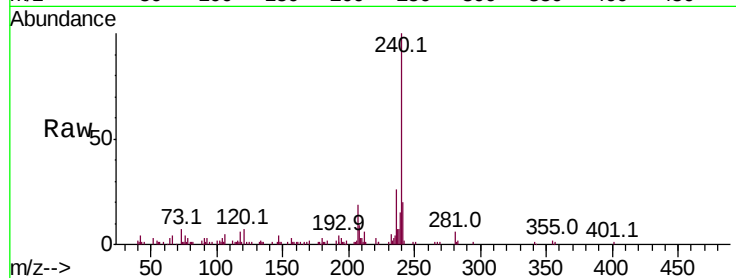
Tot Ion:240 Resp: 90656

Ion Ratio Lower Upper

240 100

120 6.6 8.2 12.2#

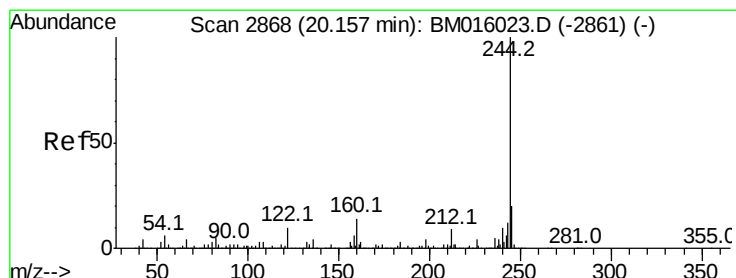
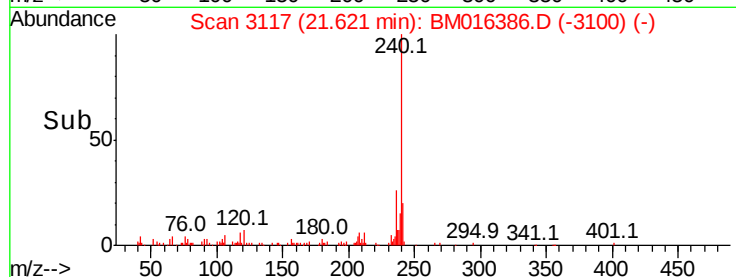
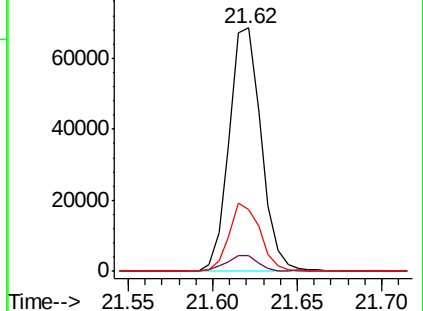
236 25.6 20.0 30.0



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 ng

RT: 20.06 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BM016386.D

Acq: 15 Aug 2018 18:36

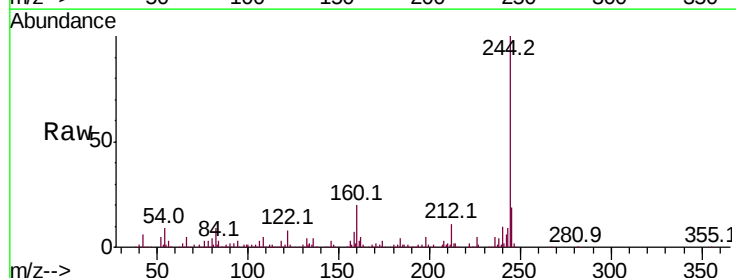
Tgt Ion:244 Resp: 329393

Ion Ratio Lower Upper

244 100

212 11.5 4.9 7.3#

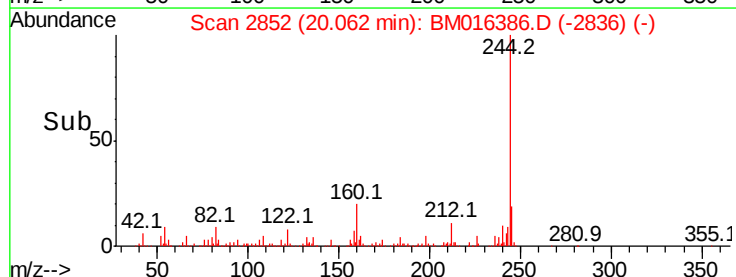
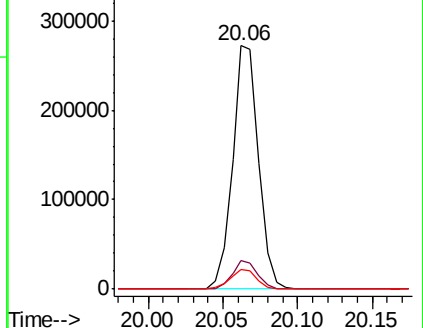
122 8.2 6.2 9.4

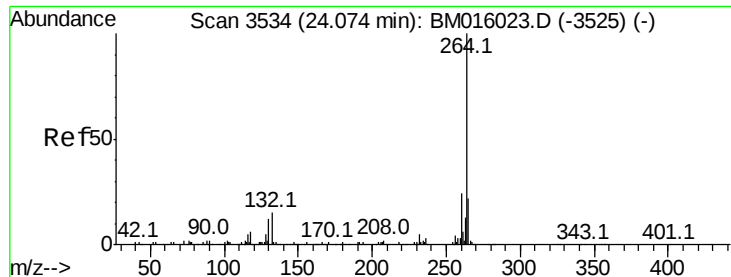


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

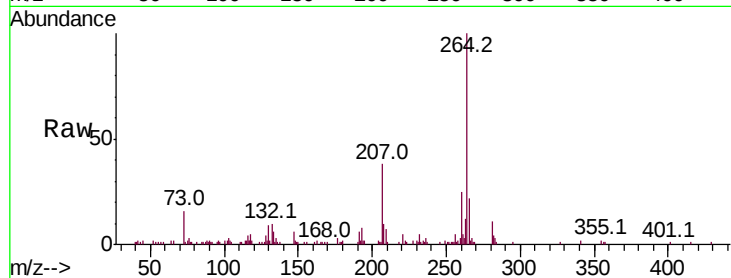




#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.95 min Scan# 3513
Delta R.T. 0.01 min
Lab File: BM016386.D
Acq: 15 Aug 2018 18:36

Instrument :
BNA_M
ClientSampleId :
BED-ROCK

Tot Ion:	264	Resp:	103193
Ion	Ratio	Lower	Upper
264	100		
260	25.4	18.6	27.8
265	21.7	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

