

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080618\
 Data File : BM016197.D
 Acq On : 06 Aug 2018 18:44
 Operator : SJ/JU
 Sample : J4300-01RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FS-CONCRETE

Quant Time: Aug 07 00:53:52 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

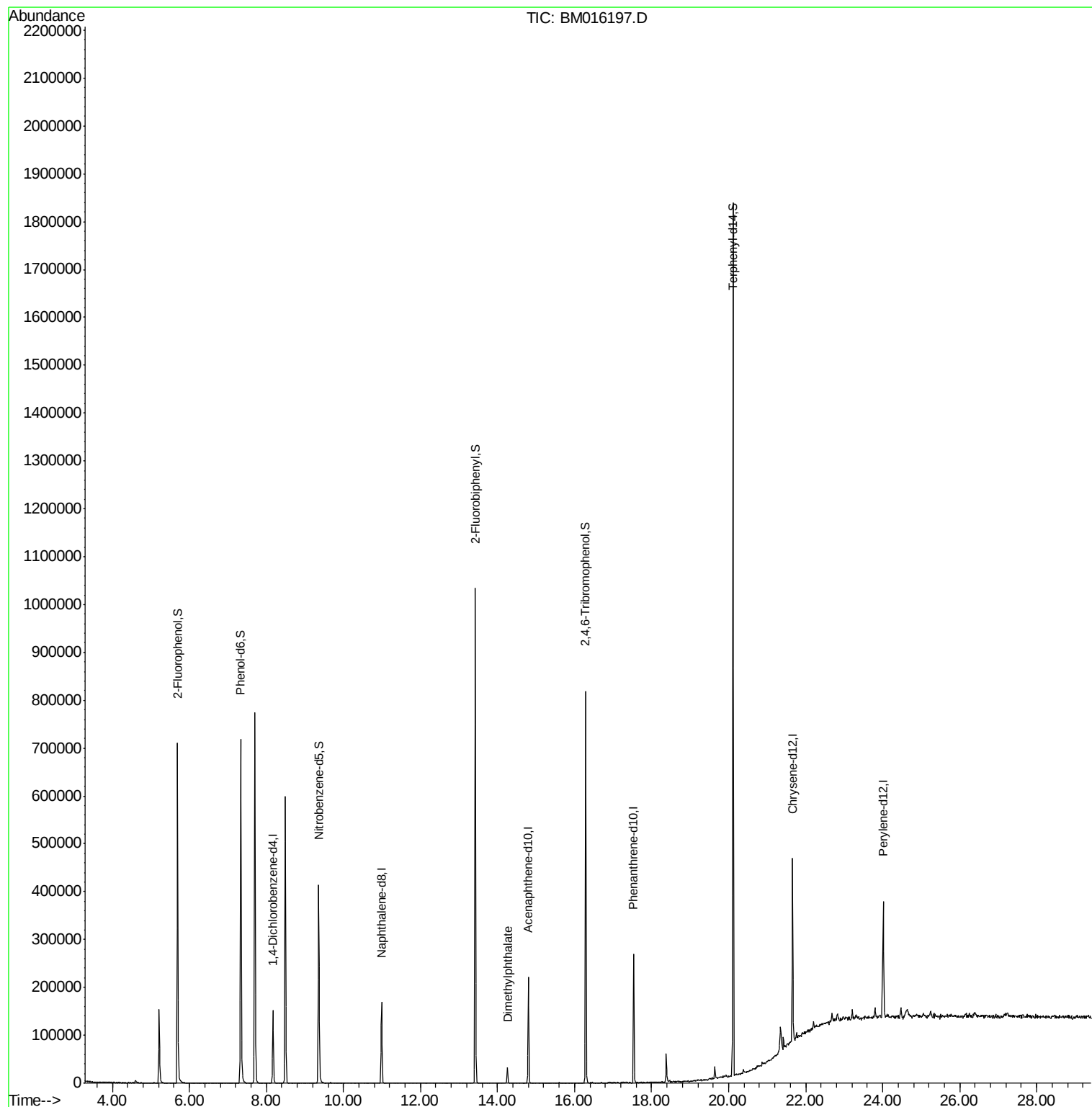
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	32719	20.00	ng	-0.07
21) Naphthalene-d8	10.99	136	120789	20.00	ng	-0.07
38) Acenaphthene-d10	14.80	164	60770	20.00	ng	-0.05
63) Phenanthrene-d10	17.53	188	130327	20.00	ng	-0.05
75) Chrysene-d12	21.66	240	142313	20.00	ng	-0.04
86) Perylene-d12	24.01	264	152727	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	232721	118.15	ng	-0.05
7) Phenol-d6	7.33	99	289948	112.72	ng	-0.05
23) Nitrobenzene-d5	9.36	82	208271	80.20	ng	-0.06
41) 2,4,6-Tribromophenol	16.29	330	80591	104.56	ng	-0.05
44) 2-Fluorobiphenyl	13.42	172	396497	79.39	ng	-0.06
78) Terphenyl-d14	20.12	244	602416	88.61	ng	-0.04
Target Compounds						
49) Dimethylphthalate	14.26	163	20199	3.798	ng	Qvalue 99

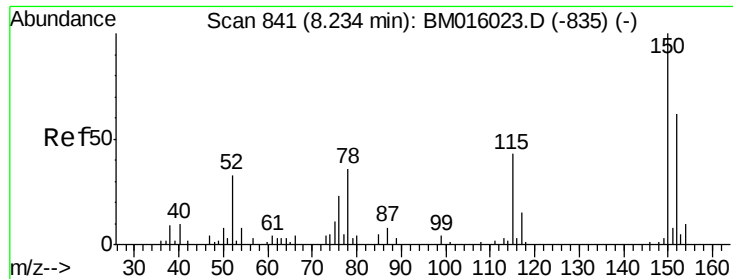
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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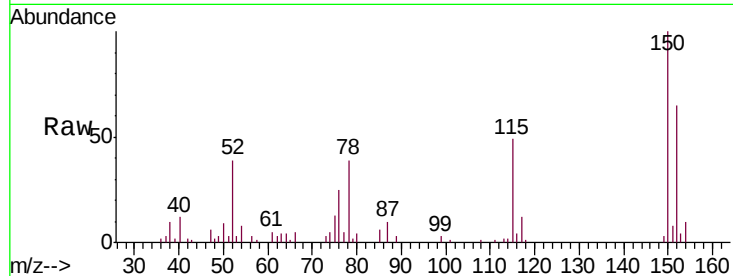


#1

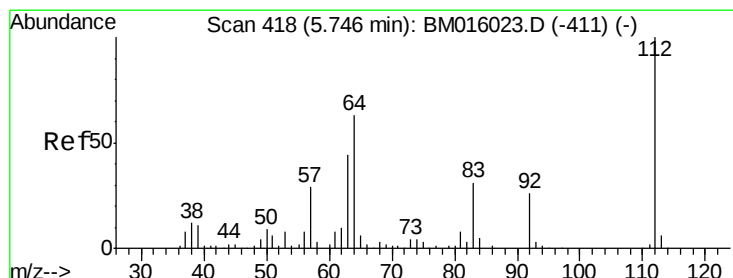
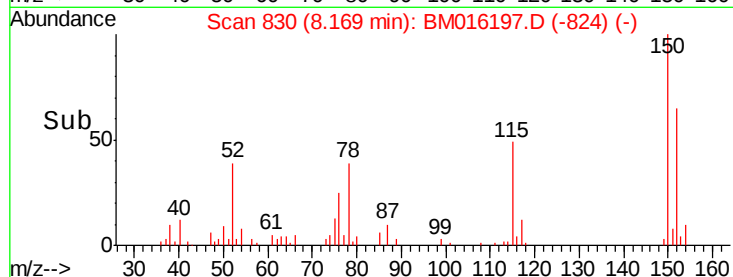
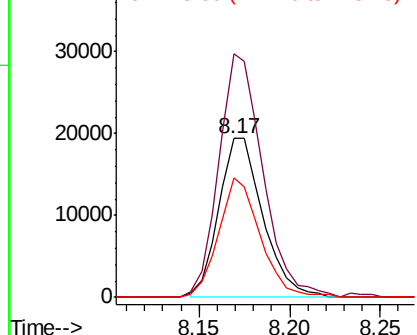
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.07 min
Lab File: BM016197.D
Acq: 06 Aug 2018 18:44

Instrument :
BNA_M
ClientSampleId :
FS-CONCRETE

Tgt Ion:152 Resp: 32719
Ion Ratio Lower Upper
152 100
150 153.2 119.5 179.3
115 74.9 43.0 64.4#



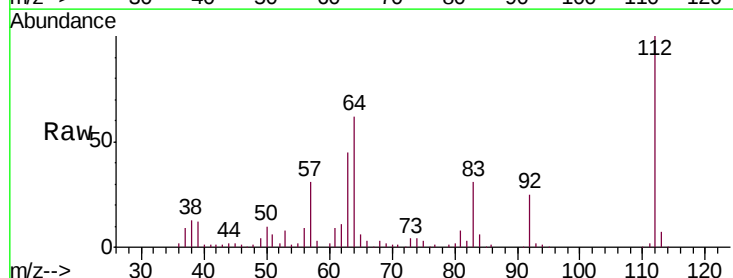
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



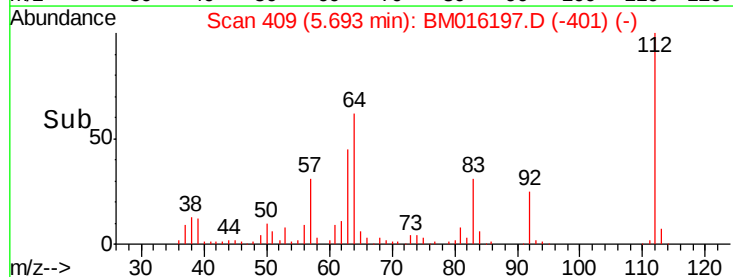
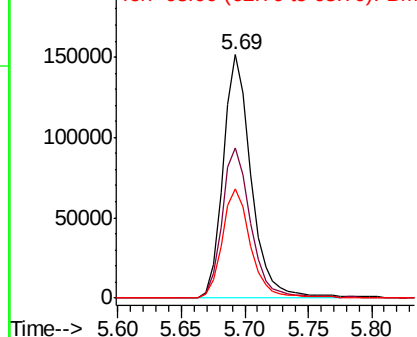
#5

2-Fluorophenol
Concen: N.D. ng
RT: 5.69 min Scan# 409
Delta R.T. -0.05 min
Lab File: BM016197.D
Acq: 06 Aug 2018 18:44

Tgt Ion:112 Resp: 232721
Ion Ratio Lower Upper
112 100
64 61.7 38.6 57.8#
63 44.8 19.3 28.9#



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





#7

Phenol-d6

Concen: N.D. ng

RT: 7.33 min Scan# 688

Delta R.T. -0.05 min

Lab File: BM016197.D

Acq: 06 Aug 2018 18:44

Instrument :

BNA_M

ClientSampleId :

FS-CONCRETE

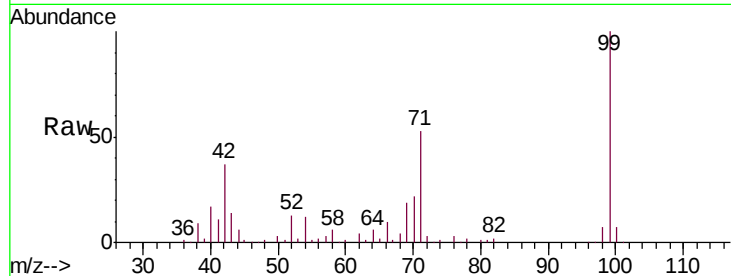
Tgt Ion: 99 Resp: 289948

Ion Ratio Lower Upper

99 100

42 36.7 11.0 16.4#

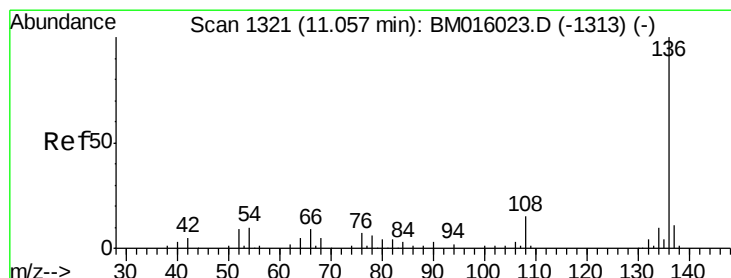
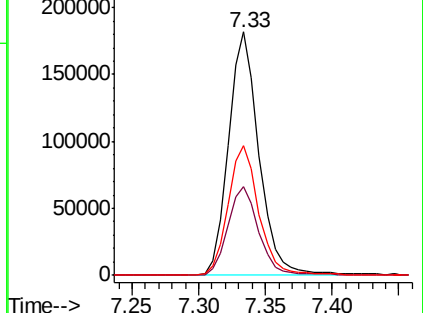
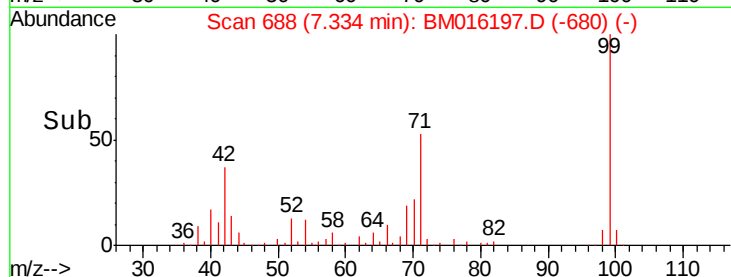
71 53.4 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016197.D (-680) (-)

Ion 42.00 (41.70 to 42.70): BM016197.D (-680) (-)

Ion 71.00 (70.70 to 71.70): BM016197.D (-680) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.99 min Scan# 1310

Delta R.T. -0.07 min

Lab File: BM016197.D

Acq: 06 Aug 2018 18:44

Tgt Ion: 136 Resp: 120789

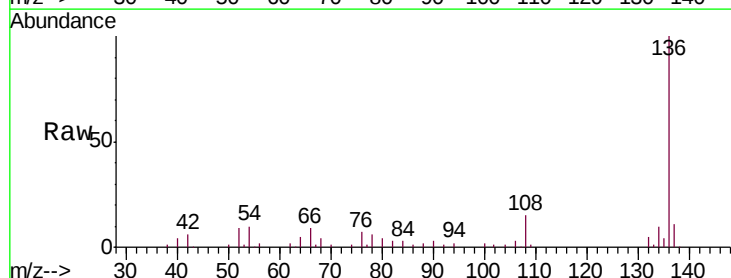
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 10.2 4.6 6.8#

68 4.2 3.7 5.5

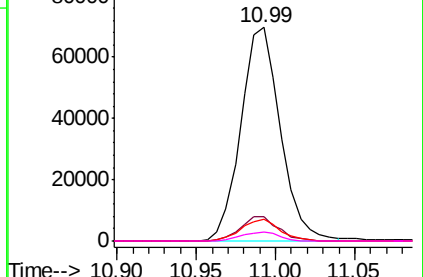
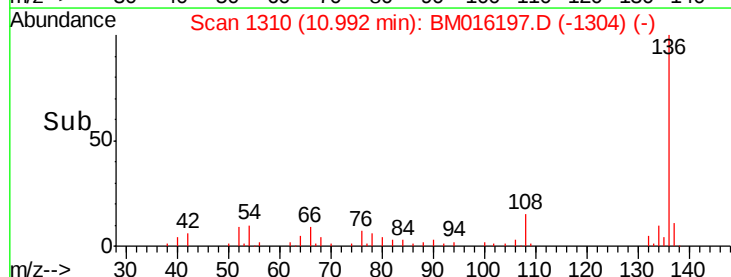


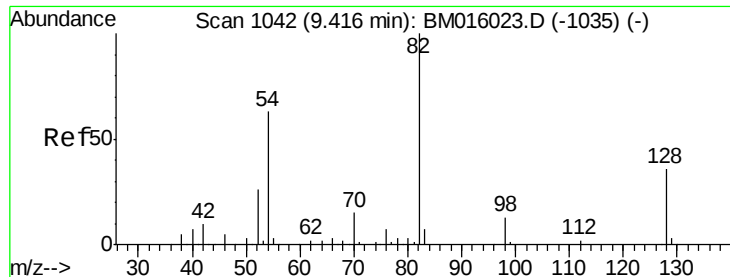
Abundance Ion 136.00 (135.70 to 136.70): BM016197.D (-1304) (-)

Ion 137.00 (136.70 to 137.70): BM016197.D (-1304) (-)

Ion 54.00 (53.70 to 54.70): BM016197.D (-1304) (-)

Ion 68.00 (67.70 to 68.70): BM016197.D (-1304) (-)

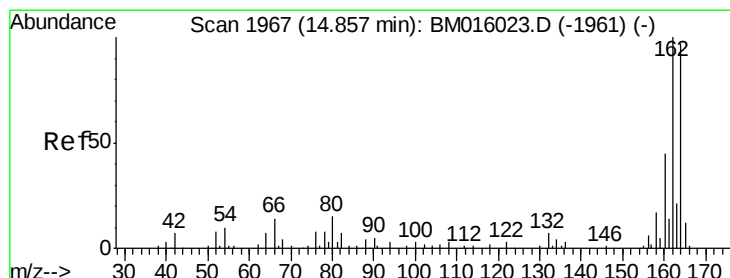
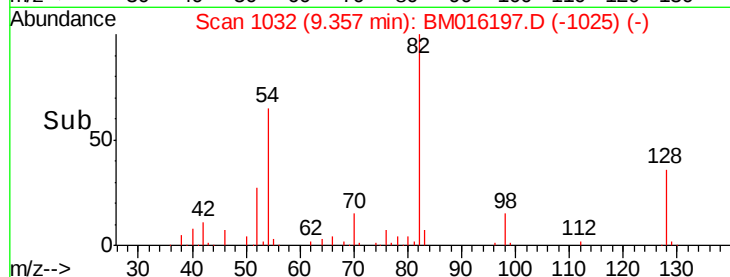
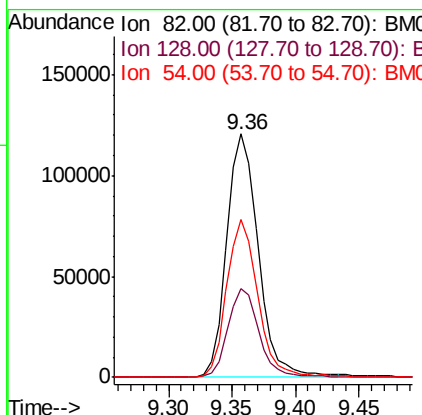
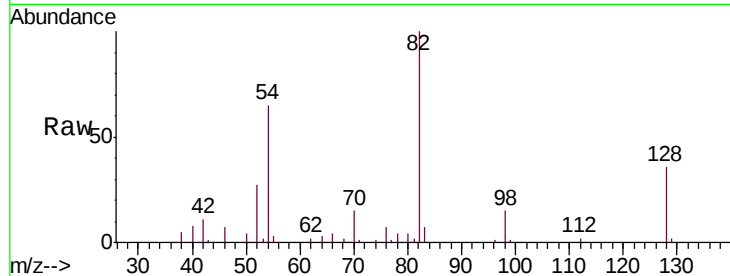




#23
 Nitrobenzene-d5
 Concen: N.D. ng
 RT: 9.36 min Scan# 1032
 Delta R.T. -0.06 min
 Lab File: BM016197.D
 Acq: 06 Aug 2018 18:44

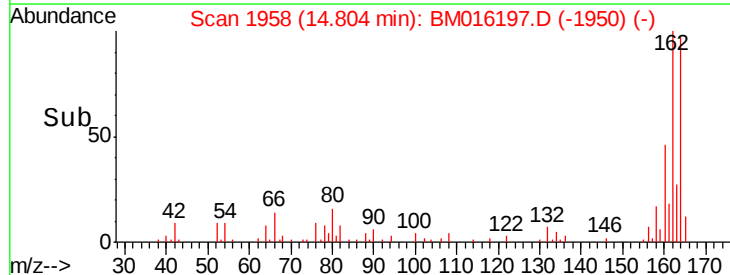
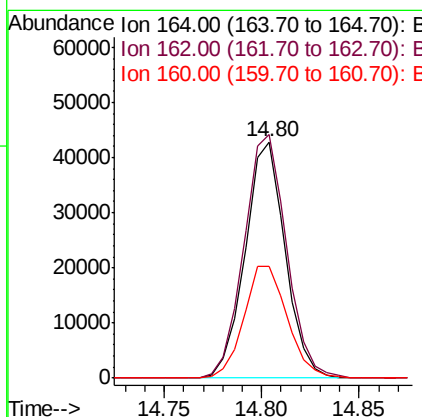
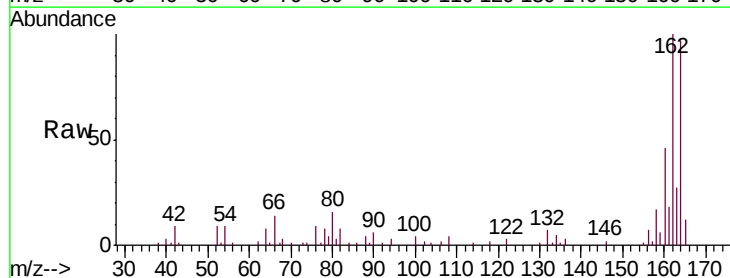
Instrument :
 BNA_M
 ClientSampleId :
 FS-CONCRETE

Tgt Ion: 82 Resp: 208271
 Ion Ratio Lower Upper
 82 100
 128 36.3 32.8 49.2
 54 64.9 40.6 60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.80 min Scan# 1958
 Delta R.T. -0.05 min
 Lab File: BM016197.D
 Acq: 06 Aug 2018 18:44

Tgt Ion: 164 Resp: 60770
 Ion Ratio Lower Upper
 164 100
 162 102.9 82.4 123.6
 160 47.0 35.8 53.6

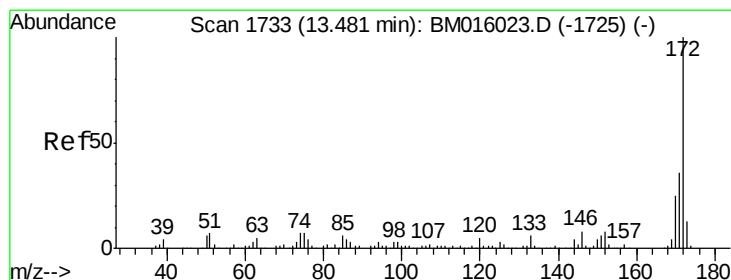
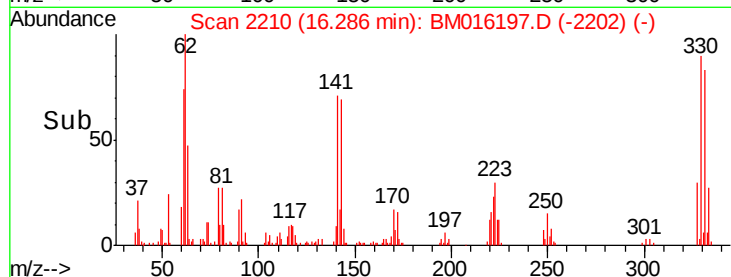
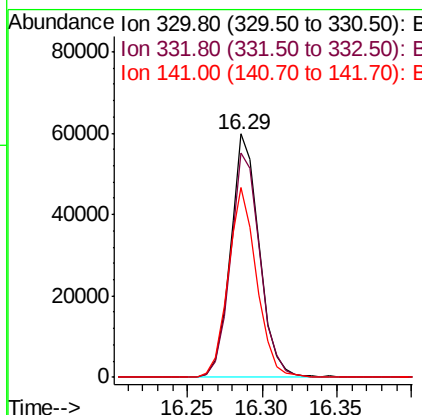
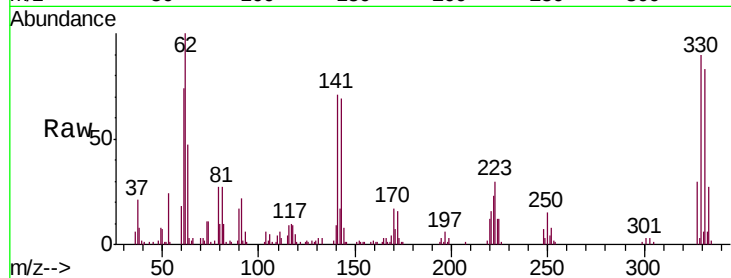




#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.29 min Scan# 2210
 Delta R.T. -0.05 min
 Lab File: BM016197.D
 Acq: 06 Aug 2018 18:44

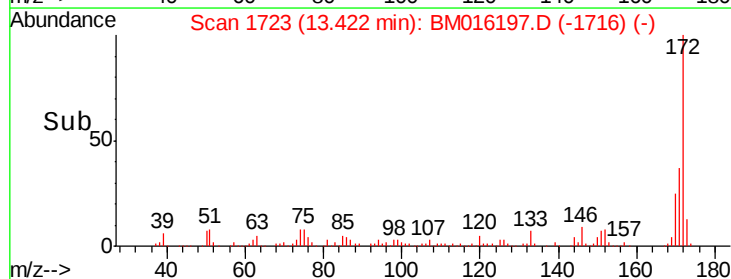
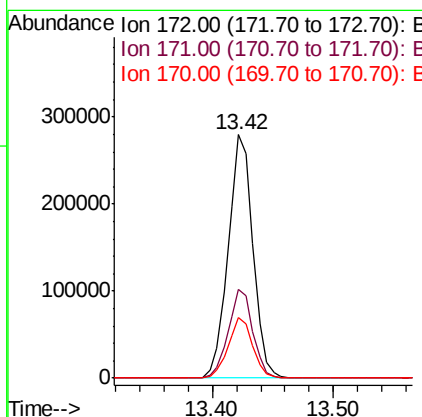
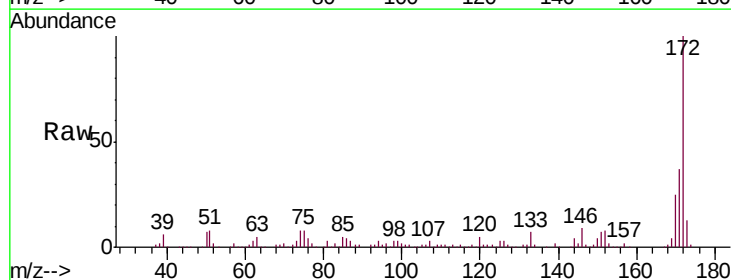
Instrument :
 BNA_M
 ClientSampleId :
 FS-CONCRETE

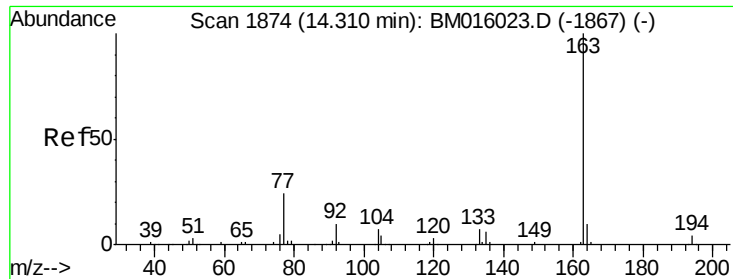
Tgt Ion: 330 Resp: 80591
 Ion Ratio Lower Upper
 330 100
 332 94.3 0.0 0.0#
 141 77.2 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.42 min Scan# 1723
 Delta R.T. -0.06 min
 Lab File: BM016197.D
 Acq: 06 Aug 2018 18:44

Tgt Ion: 172 Resp: 396497
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.5 42.7
 170 25.0 18.8 28.2





#49

Dimethylphthalate

Concen: 3.798 ng

RT: 14.26 min Scan# 1865

Delta R.T. -0.05 min

Lab File: BM016197.D

Acq: 06 Aug 2018 18:44

Instrument :

BNA_M

ClientSampleId :

FS-CONCRETE

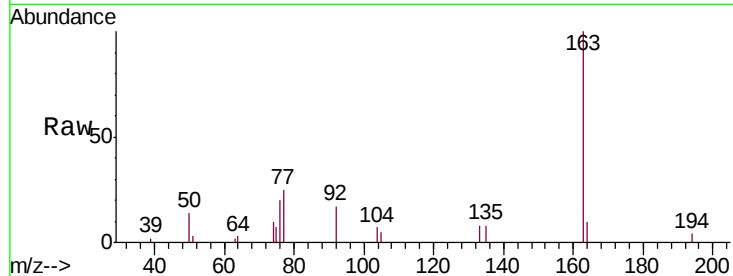
Tgt Ion:163 Resp: 20199

Ion Ratio Lower Upper

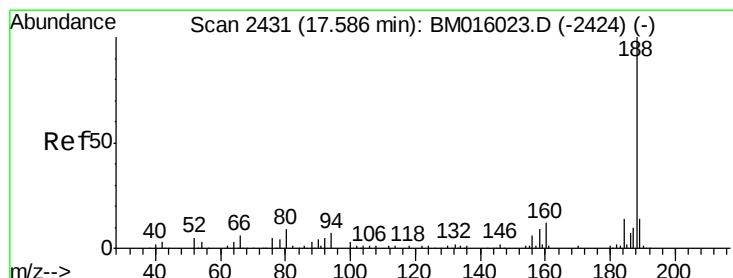
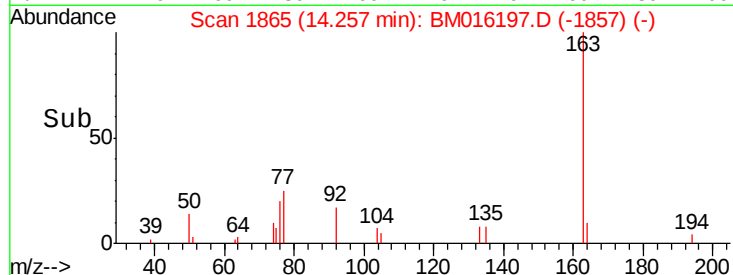
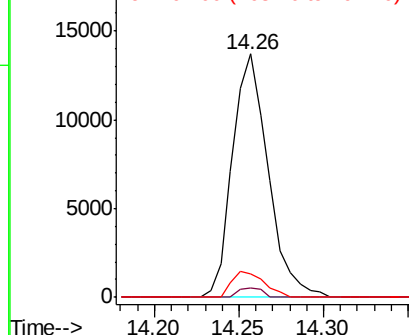
163 100

194 3.7 2.7 4.1

164 9.7 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: 17.53 min Scan# 2422

Delta R.T. -0.05 min

Lab File: BM016197.D

Acq: 06 Aug 2018 18:44

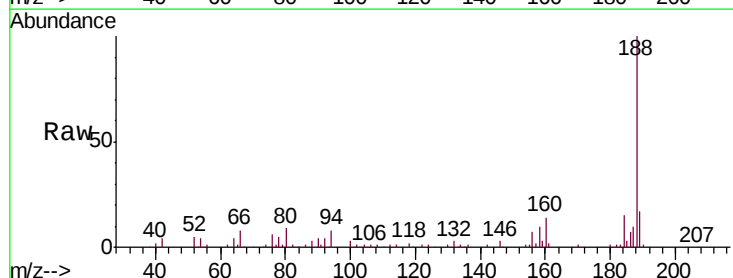
Tgt Ion:188 Resp: 130327

Ion Ratio Lower Upper

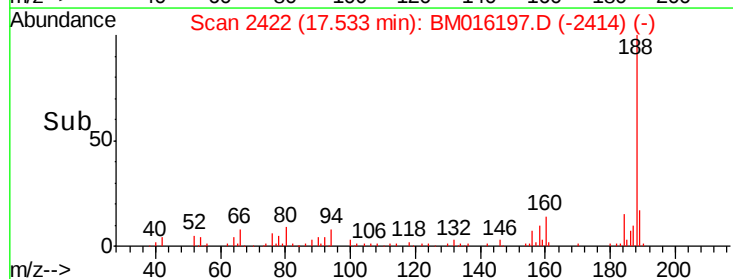
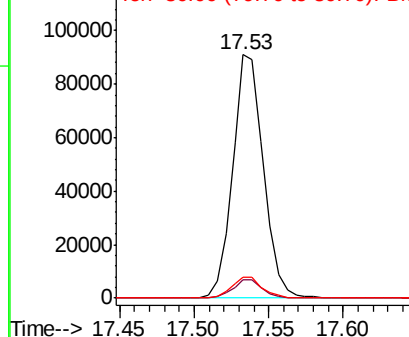
188 100

94 7.7 8.7 13.1#

80 8.5 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: 21.66 min Scan# 3124

Delta R.T. -0.04 min

Lab File: BM016197.D

Acq: 06 Aug 2018 18:44

Instrument :

BNA_M

ClientSampleId :

FS-CONCRETE

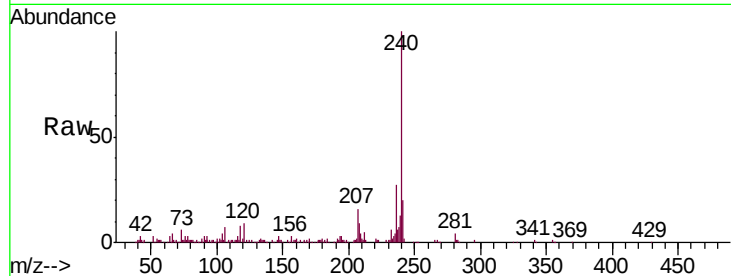
Tgt Ion:240 Resp: 142313

Ion Ratio Lower Upper

240 100

120 8.6 8.2 12.2

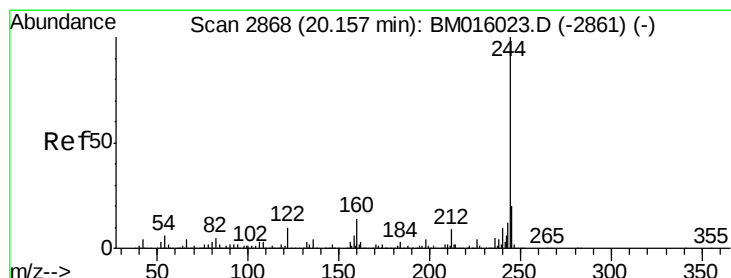
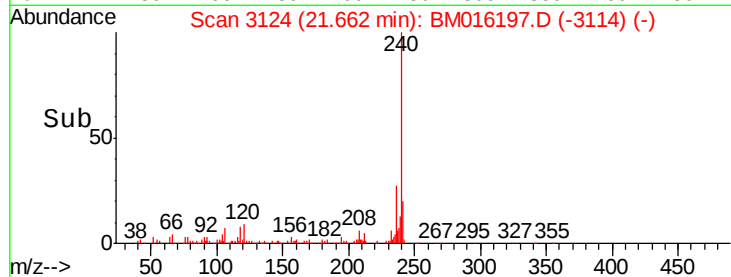
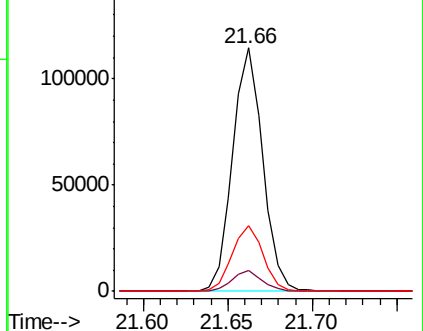
236 27.2 20.0 30.0



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: 20.12 min Scan# 2861

Delta R.T. -0.04 min

Lab File: BM016197.D

Acq: 06 Aug 2018 18:44

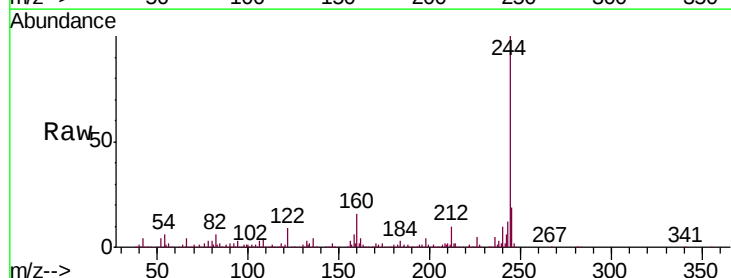
Tgt Ion:244 Resp: 602416

Ion Ratio Lower Upper

244 100

212 9.9 4.9 7.3#

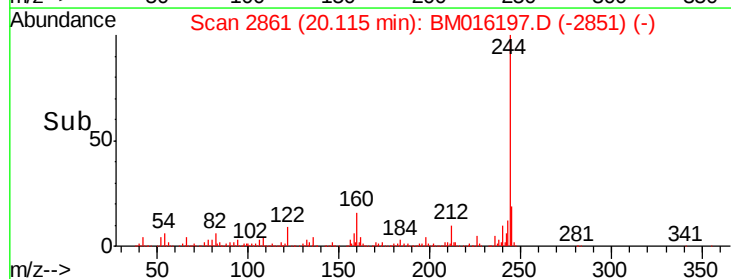
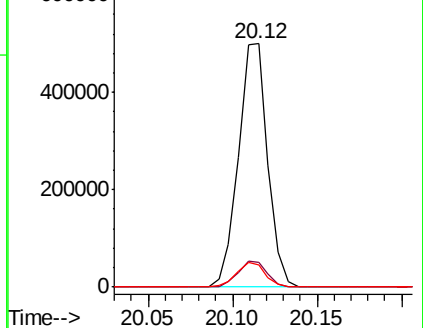
122 9.2 6.2 9.4

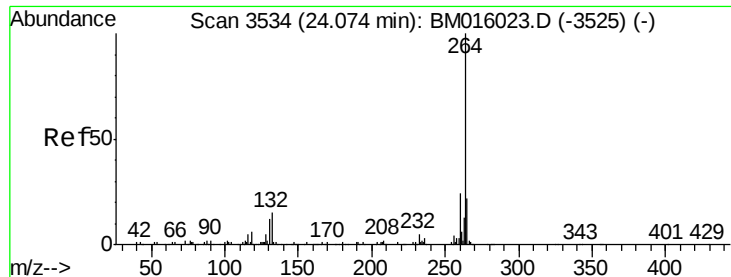


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.01 min Scan# 3524
Delta R.T. -0.06 min
Lab File: BM016197.D
Acq: 06 Aug 2018 18:44

Instrument :
BNA_M
ClientSampleId :
FS-CONCRETE

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.8	18.6	27.8
265	22.7	17.3	25.9

