

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070918\
 Data File : BM015840.D
 Acq On : 09 Jul 2018 13:16
 Operator : SJ/JU
 Sample : J3852-20
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HC-SOIL-2

Quant Time: Jul 09 14:52:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 05 17:39:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	105208	20.00	ng	-0.01
21) Naphthalene-d8	11.13	136	424614	20.00	ng	-0.02
38) Acenaphthene-d10	14.92	164	242600	20.00	ng	-0.01
63) Phenanthrene-d10	17.64	188	568228	20.00	ng	-0.01
75) Chrysene-d12	21.76	240	510659	20.00	ng	-0.01
86) Perylene-d12	24.16	264	451937	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	873839	142.44	ng	-0.01
7) Phenol-d6	7.46	99	1021666	121.65	ng	0.00
23) Nitrobenzene-d5	9.49	82	902052	103.65	ng	-0.01
41) 2,4,6-Tribromophenol	16.40	330	576085	181.74	ng	-0.01
44) 2-Fluorobiphenyl	13.55	172	1921667	98.34	ng	-0.01
78) Terphenyl-d14	20.21	244	3568975	129.64	ng	-0.01

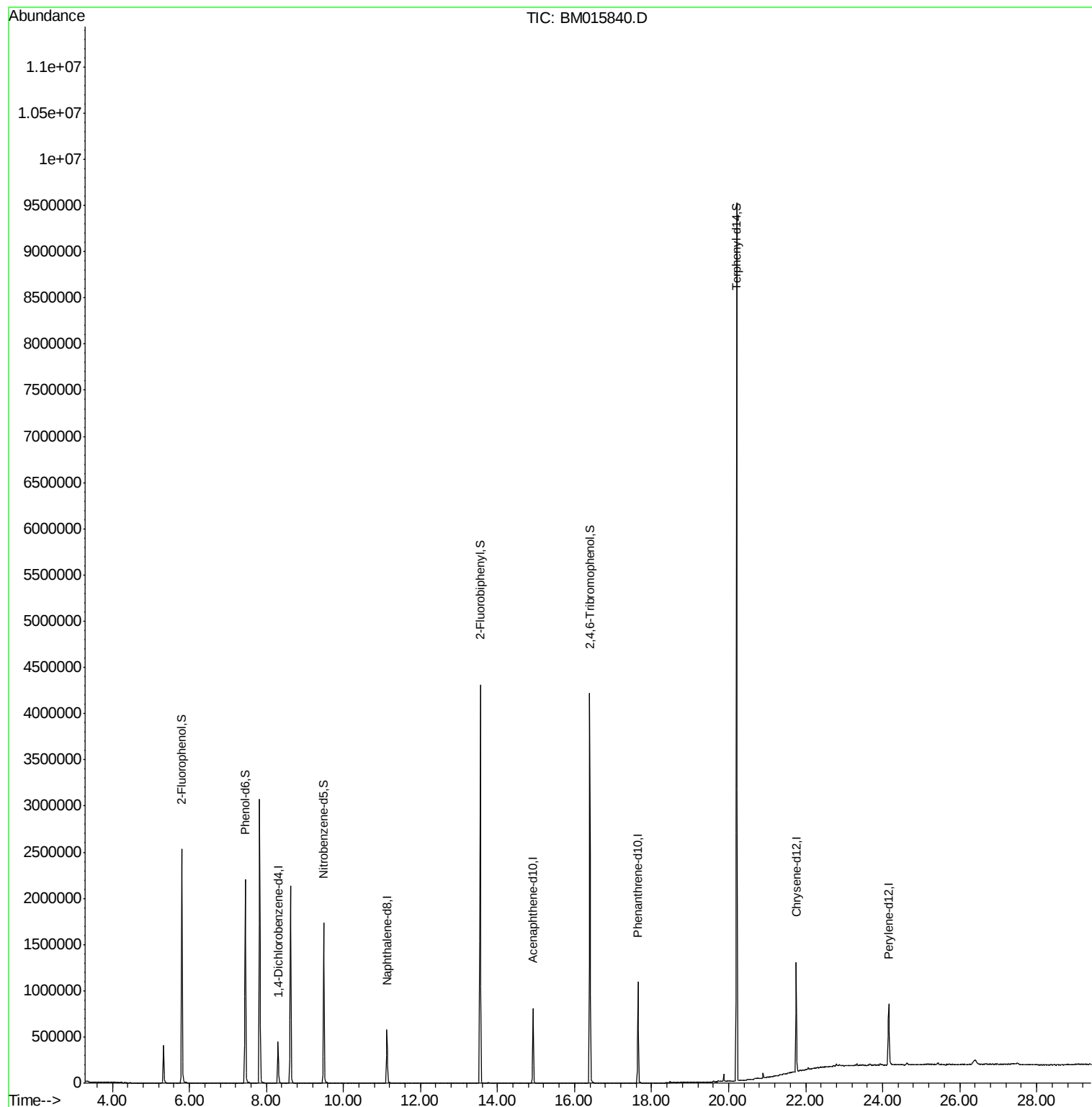
Target Compounds Qvalue

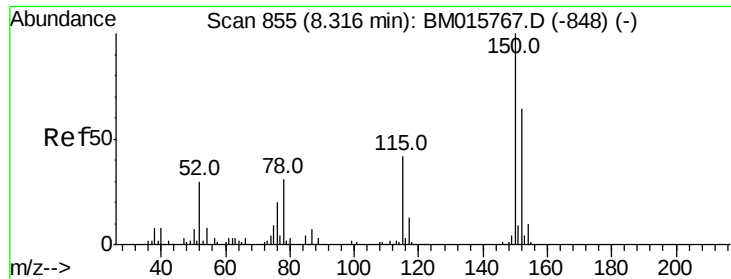
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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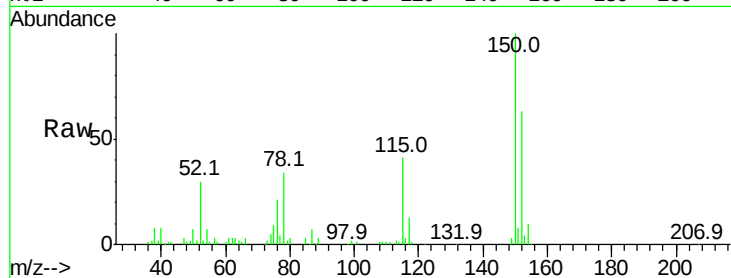


#1

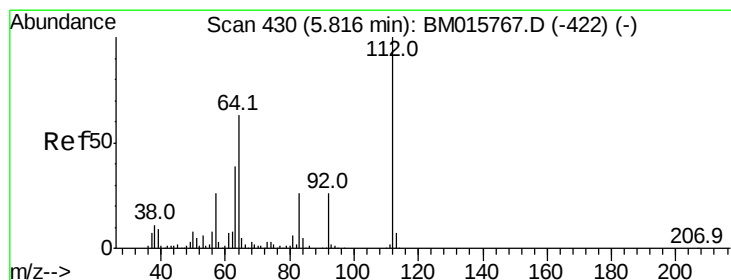
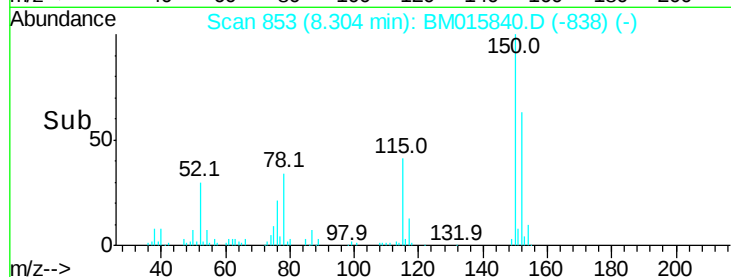
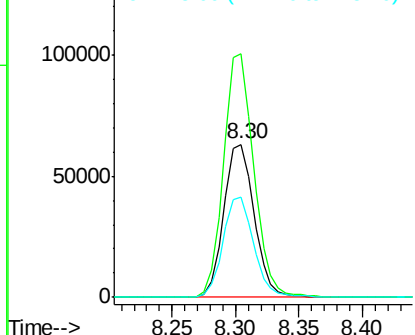
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.30 min Scan# 853
Delta R.T. -0.01 min
Lab File: BM015840.D
Acq: 09 Jul 2018 13:16

Instrument :
BNA_M
ClientSampled :
HC-SOIL-2

Tot Ion:152 Resp: 105208
Ion Ratio Lower Upper
152 100
150 158.8 119.5 179.3
115 65.6 43.0 64.4#



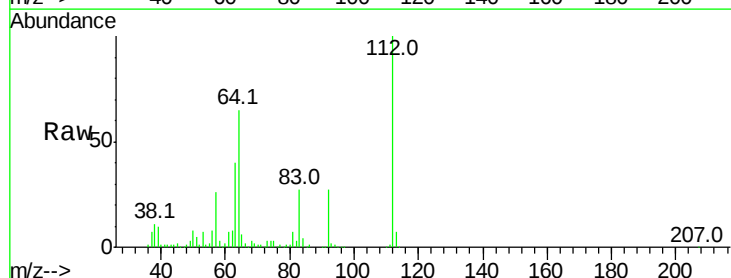
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



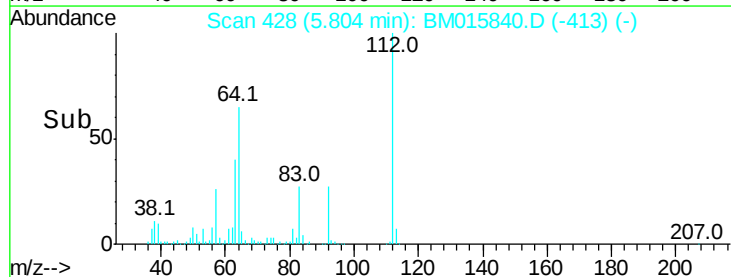
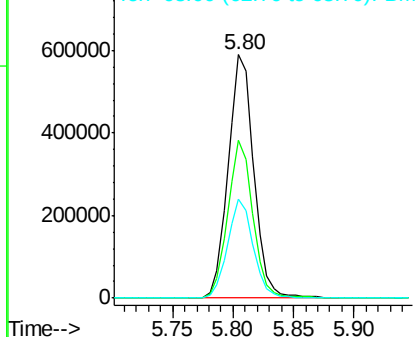
#5

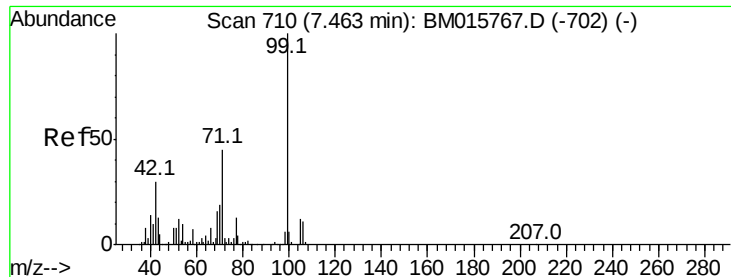
2-Fluorophenol
Concen: Below ng
RT: 5.80 min Scan# 428
Delta R.T. -0.01 min
Lab File: BM015840.D
Acq: 09 Jul 2018 13:16

Tgt Ion:112 Resp: 873839
Ion Ratio Lower Upper
112 100
64 64.7 38.6 57.8#
63 40.4 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: 7.46 min Scan# 709

Delta R.T. -0.01 min

Lab File: BM015840.D

Acq: 09 Jul 2018 13:16

Instrument :

BNA_M

ClientSampleId :

HC-SOIL-2

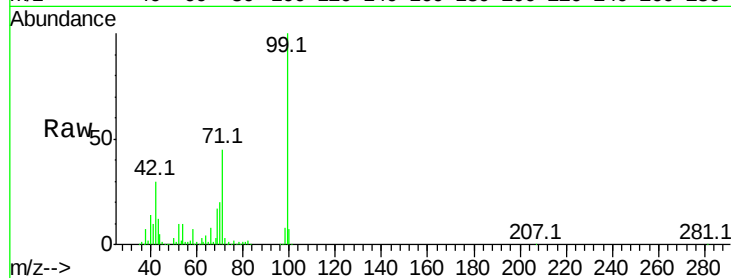
Tot Ion: 99 Resp: 1021666

Ion Ratio Lower Upper

99 100

42 30.5 11.0 16.4#

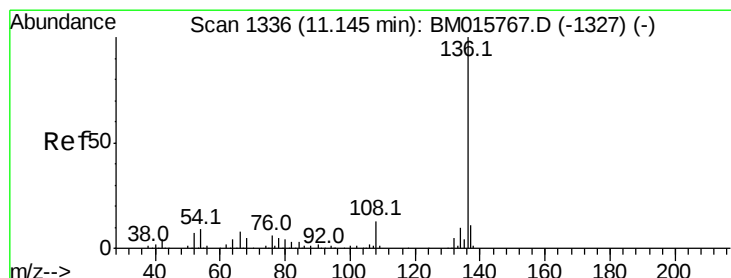
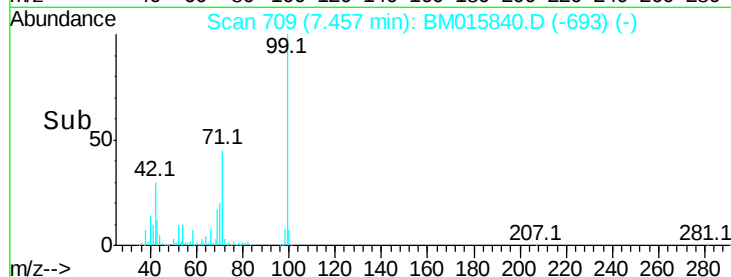
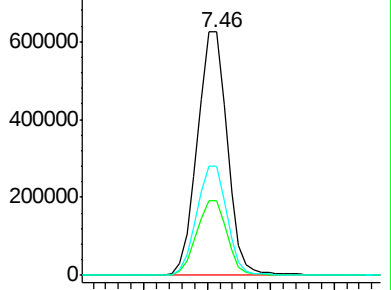
71 44.7 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM015767.D (-702) (-)

Ion 42.00 (41.70 to 42.70): BM015767.D (-702) (-)

Ion 71.00 (70.70 to 71.70): BM015767.D (-702) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.13 min Scan# 1333

Delta R.T. -0.02 min

Lab File: BM015840.D

Acq: 09 Jul 2018 13:16

Tgt Ion: 136 Resp: 424614

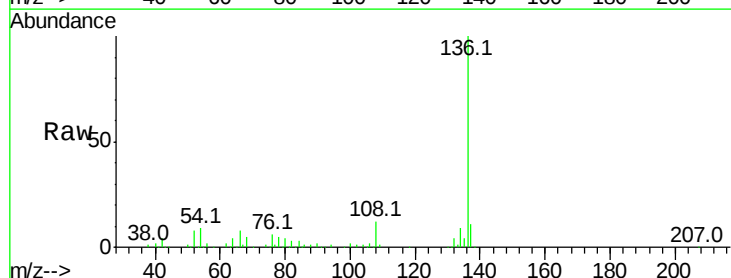
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 9.1 4.6 6.8#

68 5.0 3.7 5.5

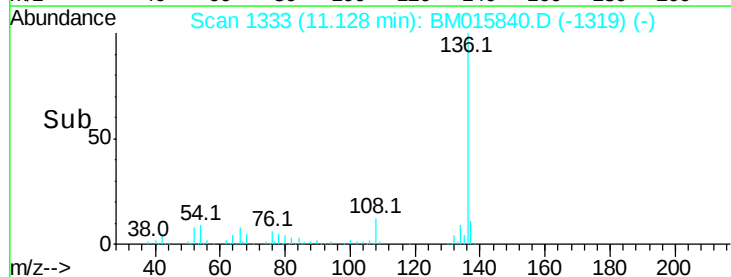
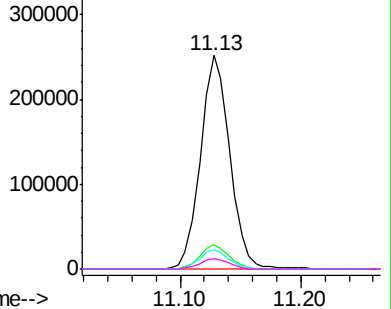


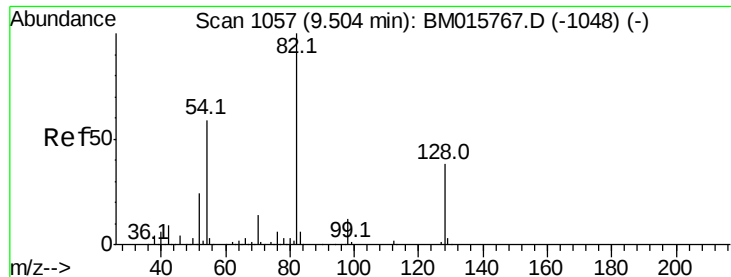
Abundance Ion 136.00 (135.70 to 136.70): BM015767.D (-1327) (-)

Ion 137.00 (136.70 to 137.70): BM015767.D (-1327) (-)

Ion 54.00 (53.70 to 54.70): BM015767.D (-1327) (-)

Ion 68.00 (67.70 to 68.70): BM015767.D (-1327) (-)

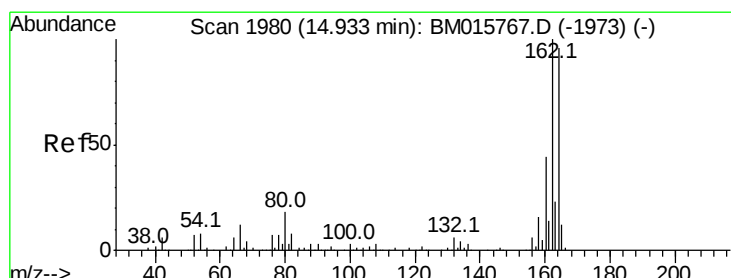
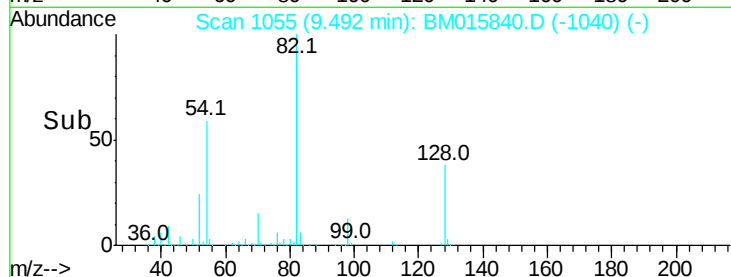
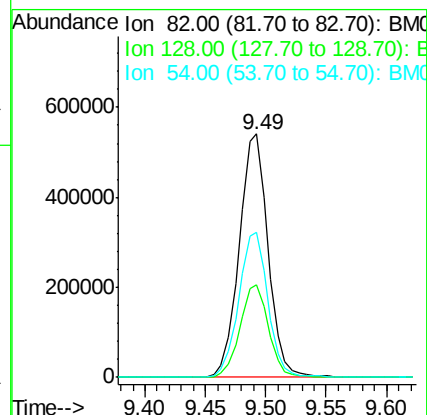
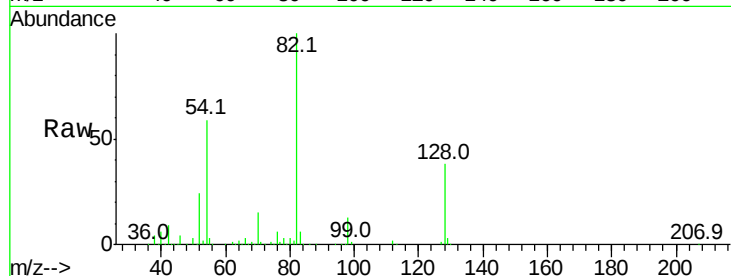




#23
Nitrobenzene-d5
Concen: Below na
RT: 9.49 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BM015840.D
Acq: 09 Jul 2018 13:16

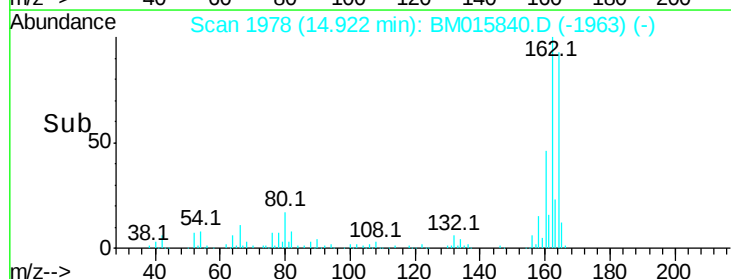
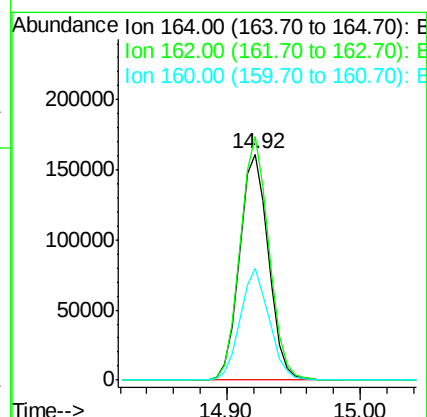
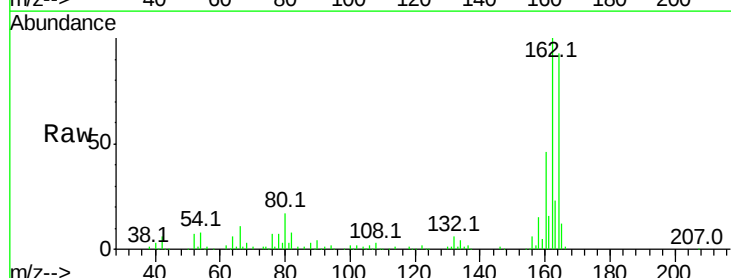
Instrument :
BNA_M
ClientSampleId :
HC-SOIL-2

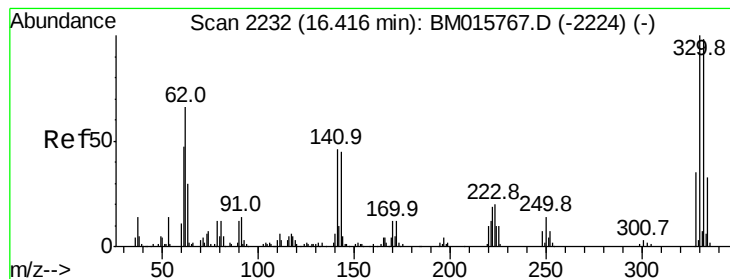
Tot Ion: 82 Resp: 902052
Ion Ratio Lower Upper
82 100
128 37.9 32.8 49.2
54 59.4 40.6 60.8



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.92 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BM015840.D
Acq: 09 Jul 2018 13:16

Tgt Ion:164 Resp: 242600
Ion Ratio Lower Upper
164 100
162 107.7 82.4 123.6
160 49.7 35.8 53.6





#41

2,4,6-Tribromophenol

Concen: N.D. ng

RT: 16.40 min Scan# 2230

Delta R.T. -0.01 min

Lab File: BM015840.D

Acq: 09 Jul 2018 13:16

Instrument :

BNA_M

ClientSampled :

HC-SOIL-2

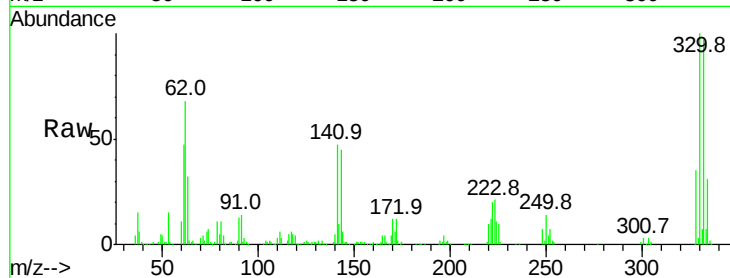
Tot Ion:330 Resp: 576085

Ion Ratio Lower Upper

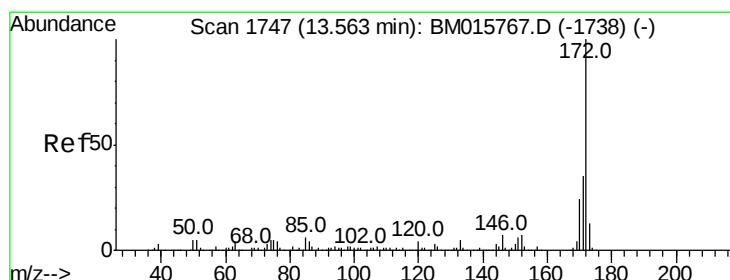
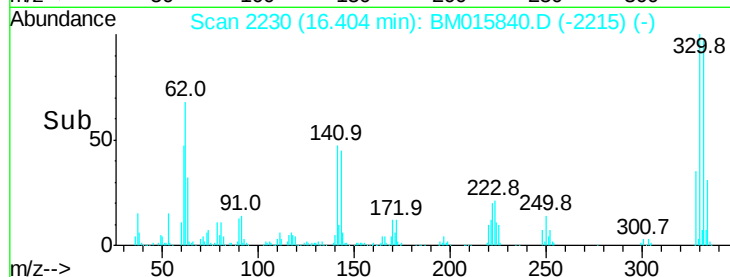
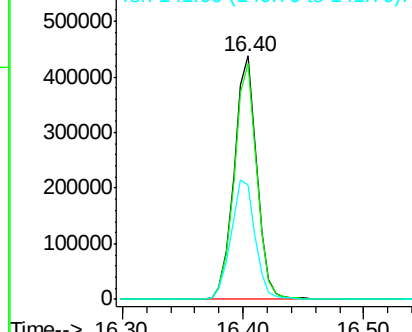
330 100

332 96.7 0.0 0.0#

141 52.0 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: 13.55 min Scan# 1745

Delta R.T. -0.01 min

Lab File: BM015840.D

Acq: 09 Jul 2018 13:16

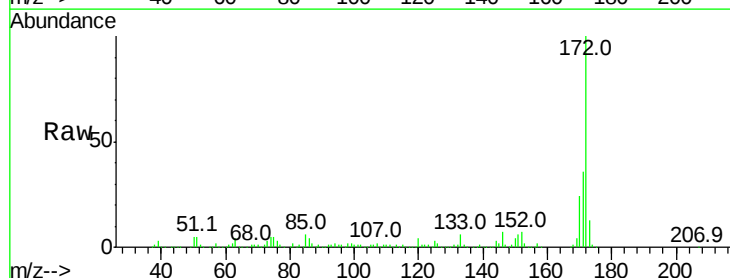
Tgt Ion:172 Resp: 1921667

Ion Ratio Lower Upper

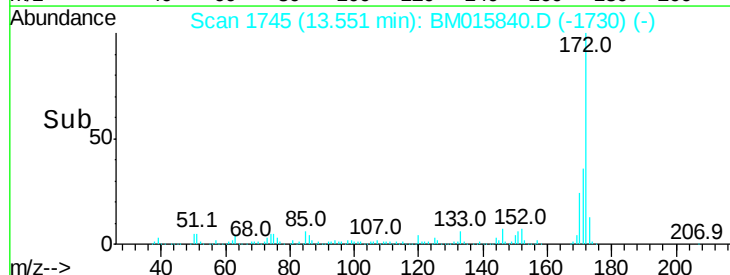
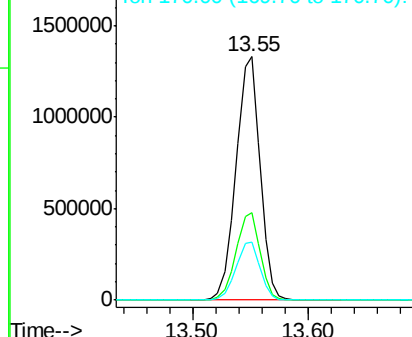
172 100

171 35.7 28.5 42.7

170 23.8 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

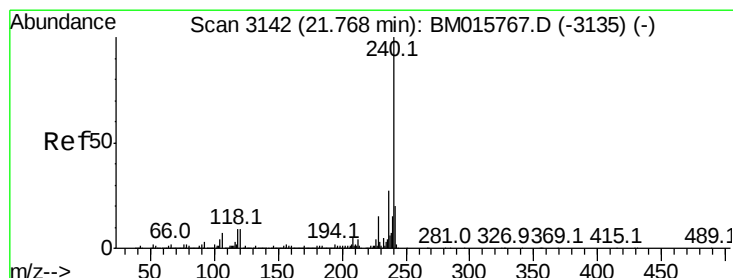
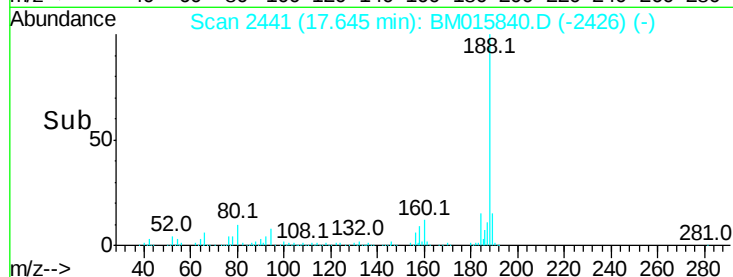
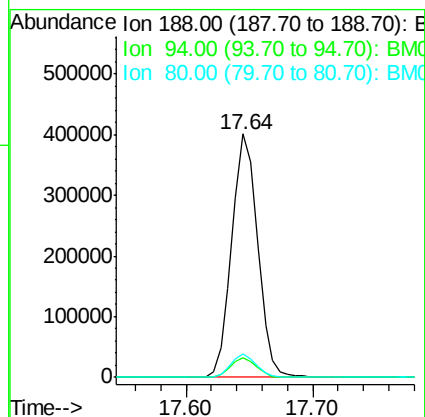
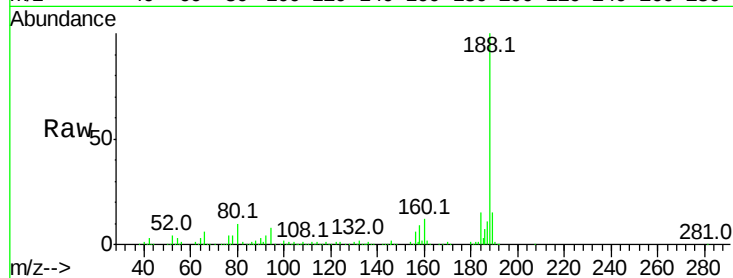




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.64 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BM015840.D
Acq: 09 Jul 2018 13:16

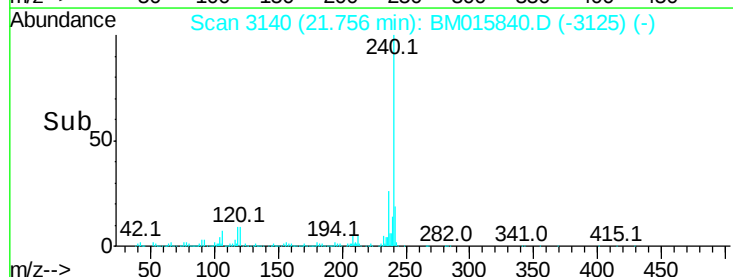
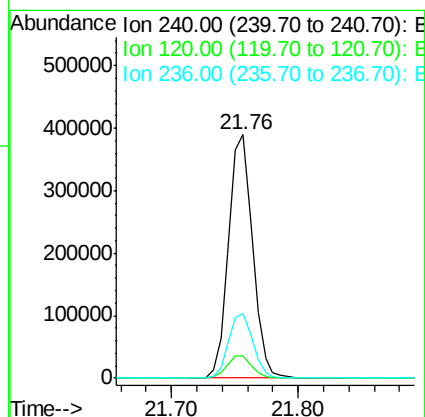
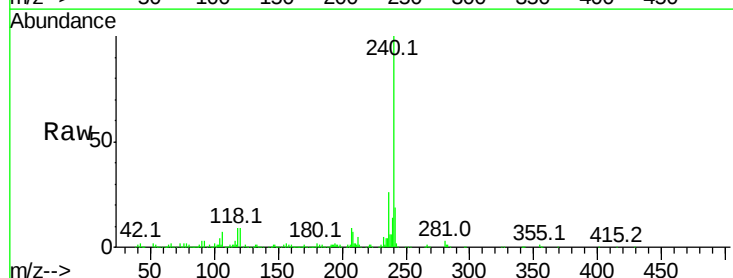
Instrument :
BNA_M
ClientSampled :
HC-SOIL-2

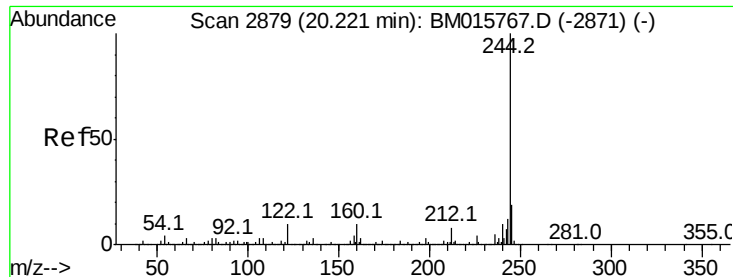
Tot Ion:188 Resp: 568228
Ion Ratio Lower Upper
188 100
94 7.8 8.7 13.1#
80 9.7 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BM015840.D
Acq: 09 Jul 2018 13:16

Tgt Ion:240 Resp: 510659
Ion Ratio Lower Upper
240 100
120 9.4 8.2 12.2
236 26.5 20.0 30.0





#78

Terphenyl-d14

Concen: N.D. ng

RT: 20.21 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BM015840.D

Acq: 09 Jul 2018 13:16

Instrument :

BNA_M

ClientSampled :

HC-SOIL-2

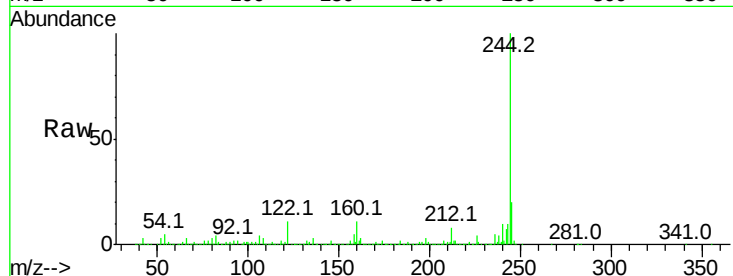
Tot Ion:244 Resp: 3568975

Ion Ratio Lower Upper

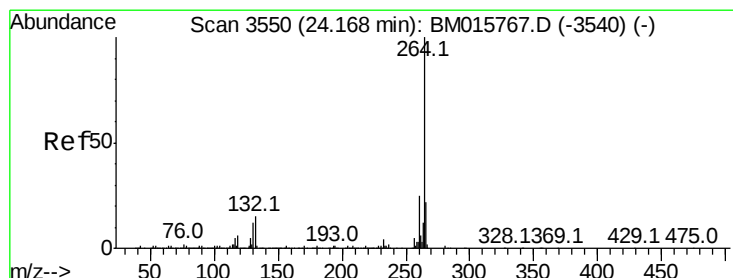
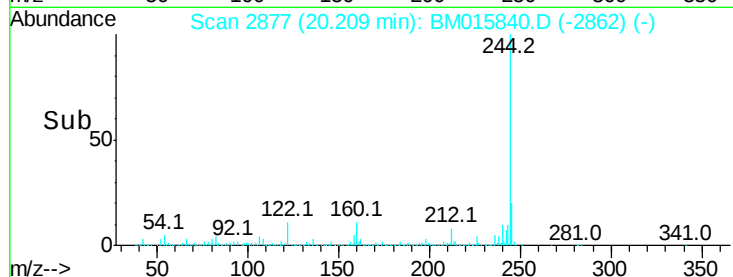
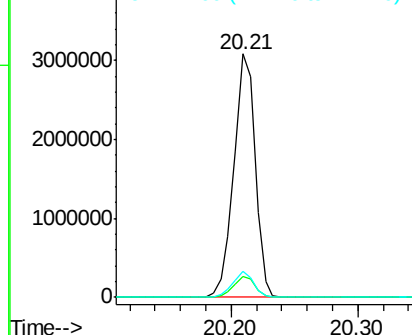
244 100

212 8.4 4.9 7.3#

122 10.7 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: 24.16 min Scan# 3548

Delta R.T. -0.01 min

Lab File: BM015840.D

Acq: 09 Jul 2018 13:16

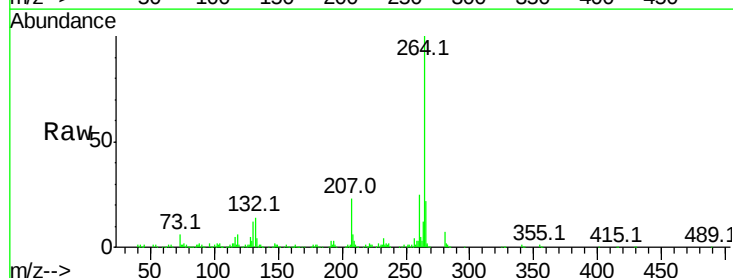
Tgt Ion:264 Resp: 451937

Ion Ratio Lower Upper

264 100

260 25.0 18.6 27.8

265 21.8 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

