

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070918\
 Data File : BM015864.D
 Acq On : 10 Jul 2018 04:53
 Operator : SJ/JU
 Sample : J3896-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JC-SOIL

Quant Time: Jul 10 07:03:21 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	63886	20.00	ng	-0.02
21) Naphthalene-d8	11.13	136	252895	20.00	ng	-0.02
38) Acenaphthene-d10	14.92	164	149103	20.00	ng	-0.01
63) Phenanthrene-d10	17.64	188	360690	20.00	ng	-0.01
75) Chrysene-d12	21.76	240	382664	20.00	ng	-0.01
86) Perylene-d12	24.15	264	374353	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	519206	139.38	ng	-0.01
7) Phenol-d6	7.45	99	607535	119.13	ng	-0.01
23) Nitrobenzene-d5	9.49	82	501784	96.81	ng	-0.02
41) 2,4,6-Tribromophenol	16.40	330	320546	164.53	ng	-0.02
44) 2-Fluorobiphenyl	13.55	172	1130230	94.11	ng	-0.02
78) Terphenyl-d14	20.21	244	2302564	111.61	ng	-0.01

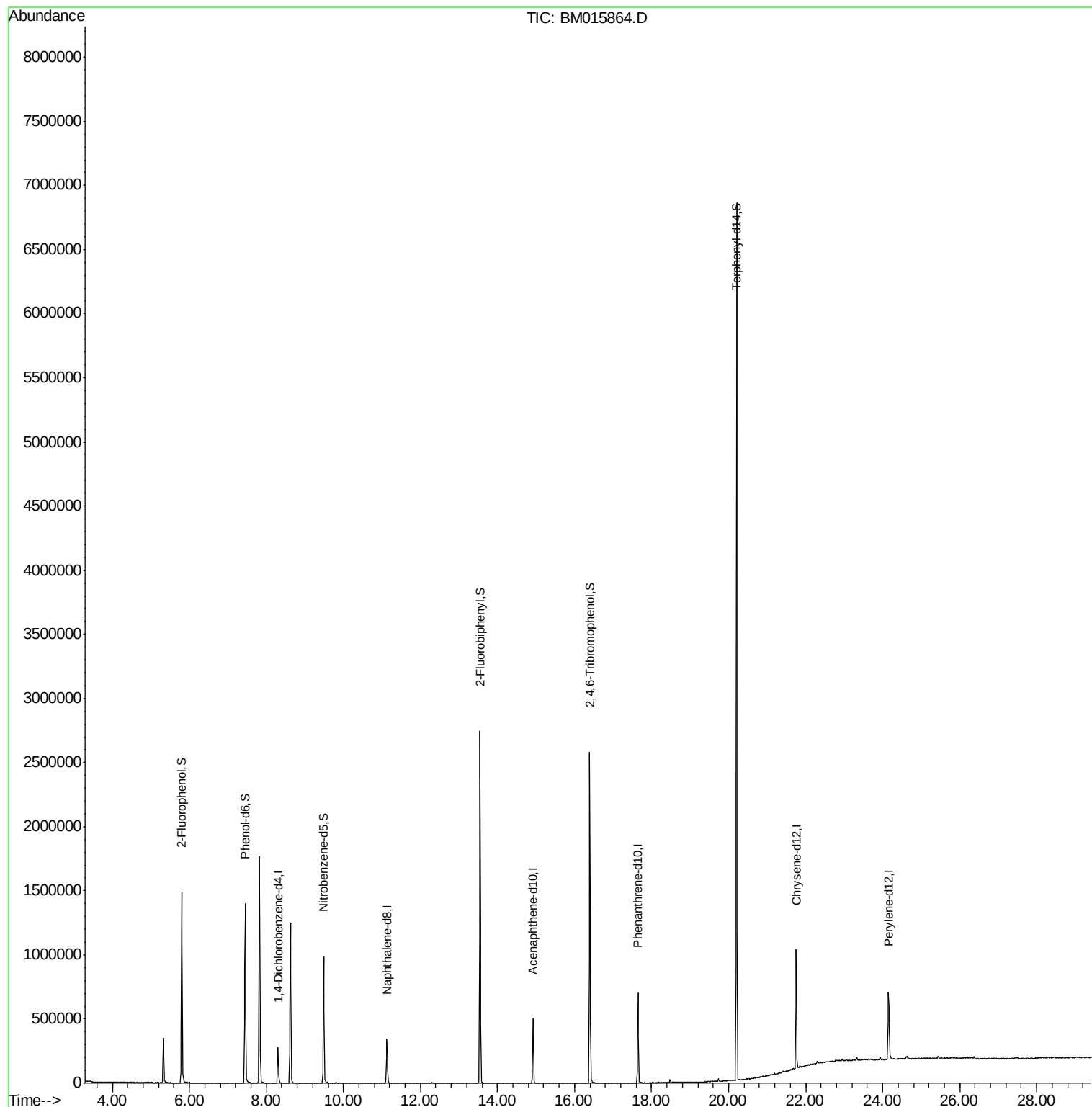
Target Compounds Qvalue

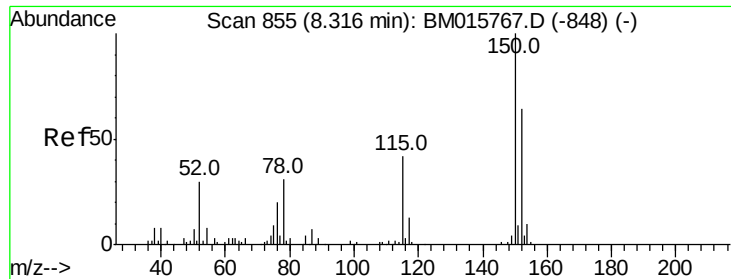
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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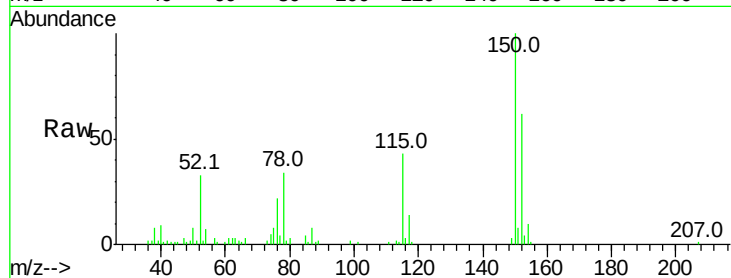


#1

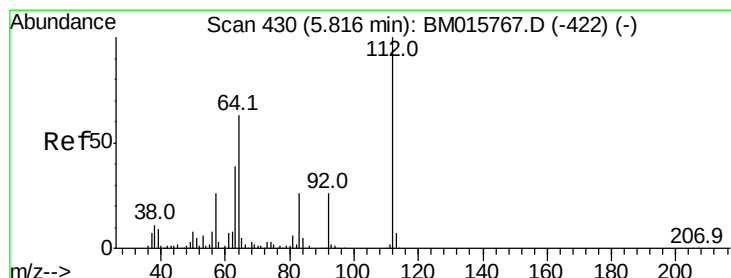
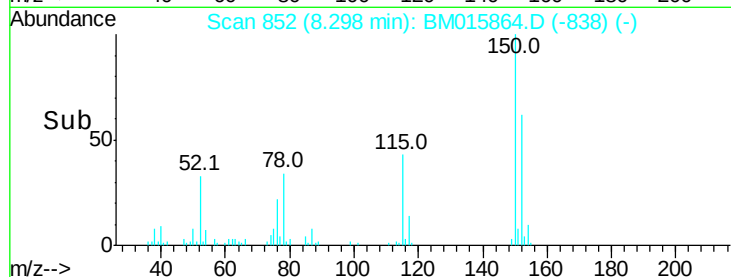
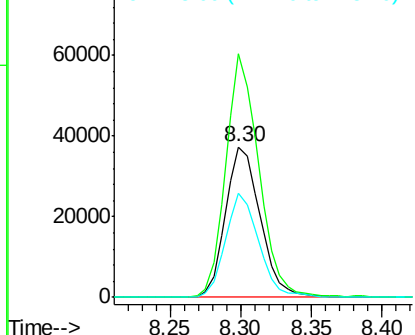
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.30 min Scan# 852
Delta R.T. -0.02 min
Lab File: BM015864.D
Acq: 10 Jul 2018 04:53

Instrument :
BNA_M
ClientSampleId :
JC-SOIL

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.9	119.5	179.3
115	69.6	43.0	64.4



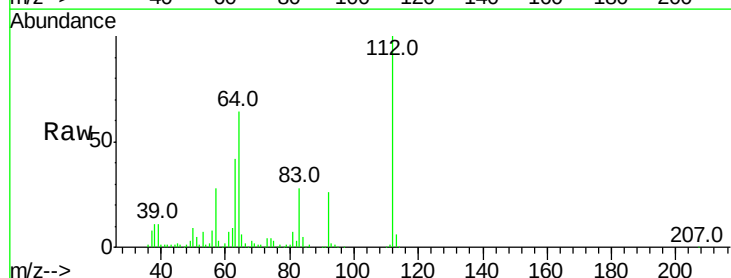
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



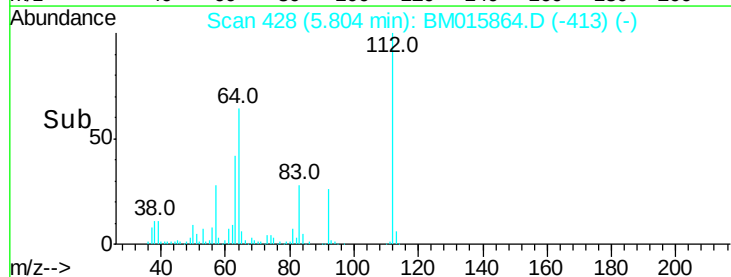
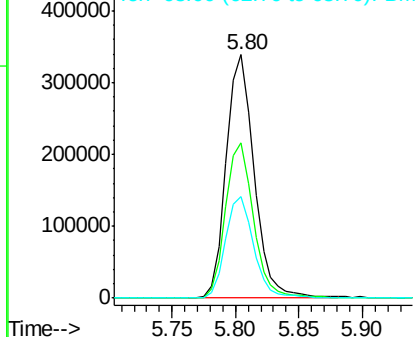
#5

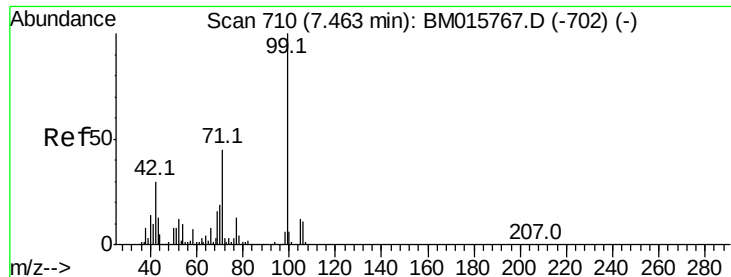
2-Fluorophenol
Concen: Below ng
RT: 5.80 min Scan# 428
Delta R.T. -0.01 min
Lab File: BM015864.D
Acq: 10 Jul 2018 04:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.7	38.6	57.8
63	41.5	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: 7.45 min Scan# 708

Delta R.T. -0.01 min

Lab File: BM015864.D

Acq: 10 Jul 2018 04:53

Instrument :

BNA_M

ClientSampled :

JC-SOIL

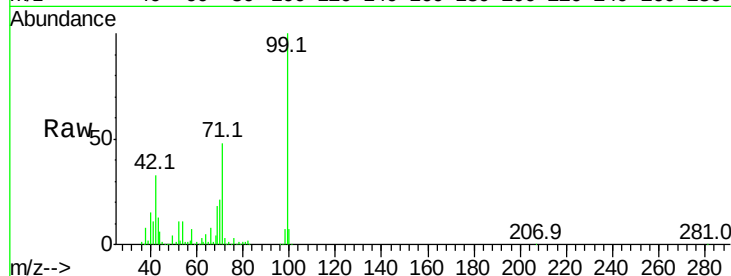
Tot Ion: 99 Resp: 607535

Ion Ratio Lower Upper

99 100

42 32.9 11.0 16.4#

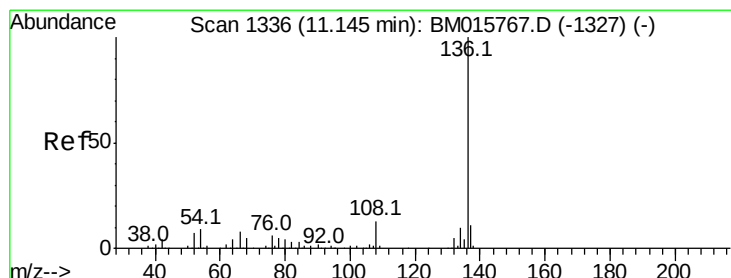
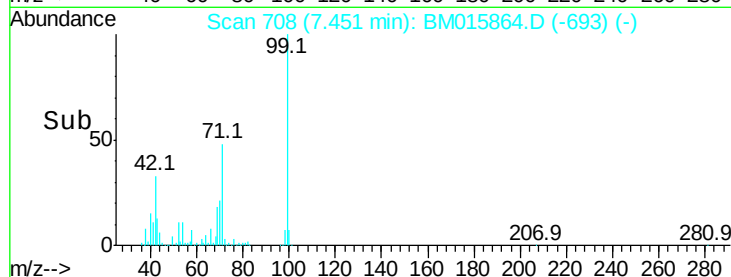
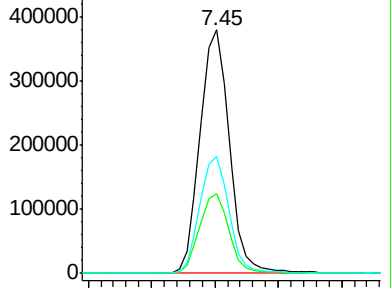
71 47.9 23.4 35.2#



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: BM015864.D

Acq: 10 Jul 2018 04:53

Tgt Ion: 136 Resp: 252895

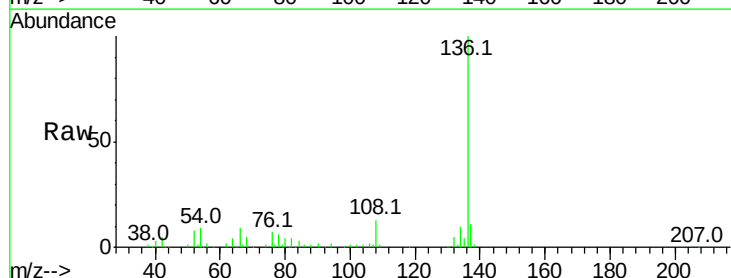
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 9.3 4.6 6.8#

68 4.7 3.7 5.5

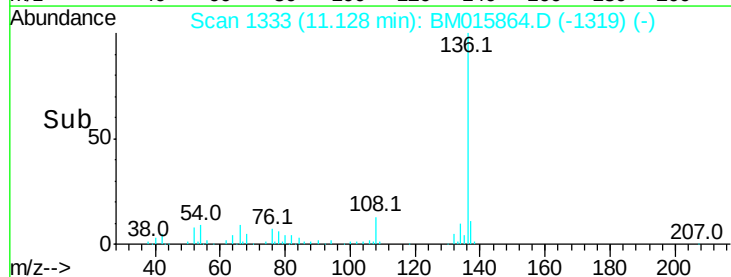
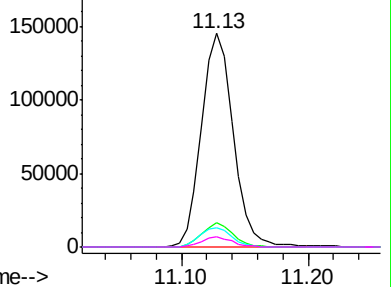


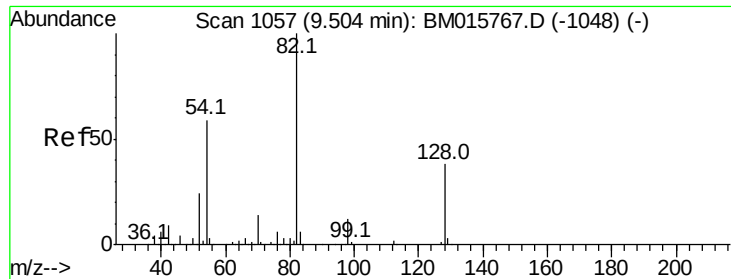
Abundance Ion 136.00 (135.70 to 136.70): BM015767.D (-1327) (-)

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) (-)

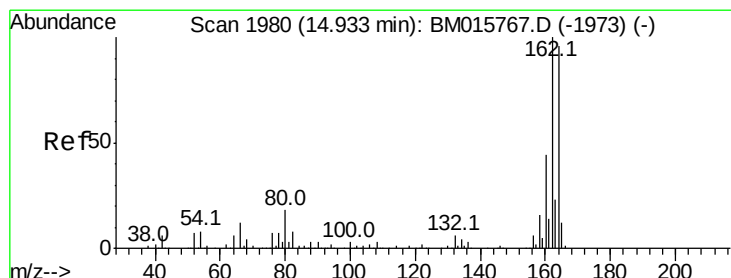
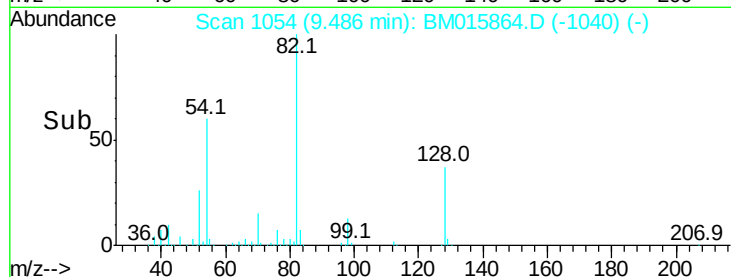
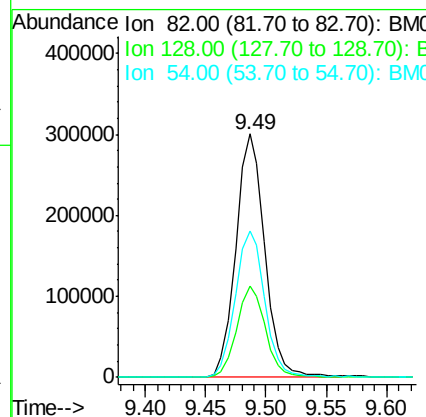
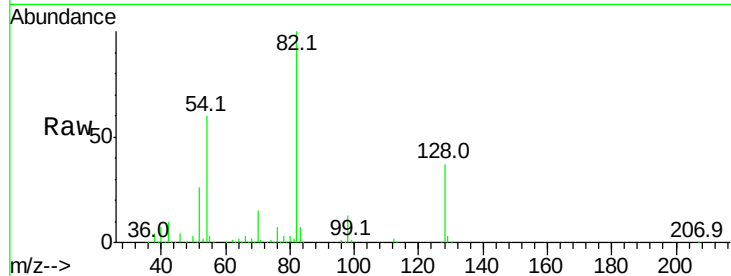




#23
 Nitrobenzene-d5
 Concen: N.D. ng
 RT: 9.49 min Scan# 1054
 Delta R.T. -0.02 min
 Lab File: BM015864.D
 Acq: 10 Jul 2018 04:53

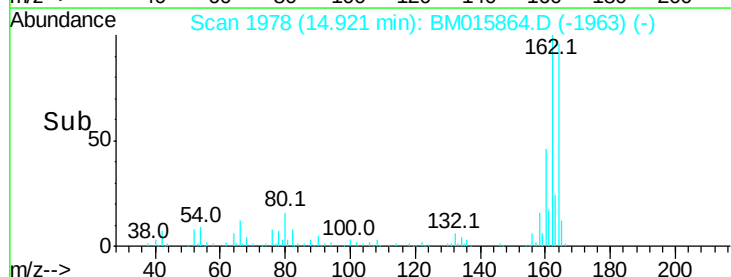
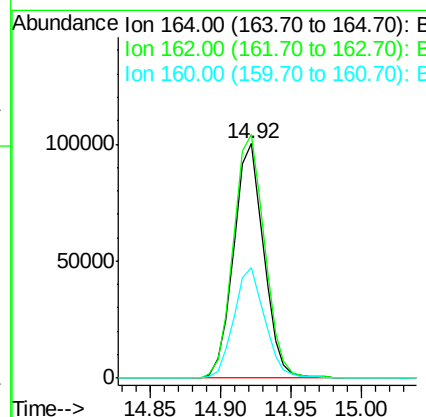
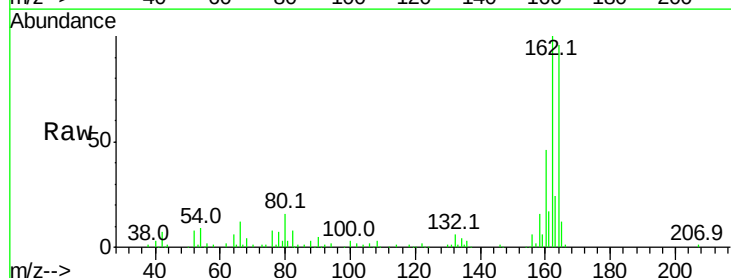
Instrument :
 BNA_M
 ClientSampleId :
 JC-SOIL

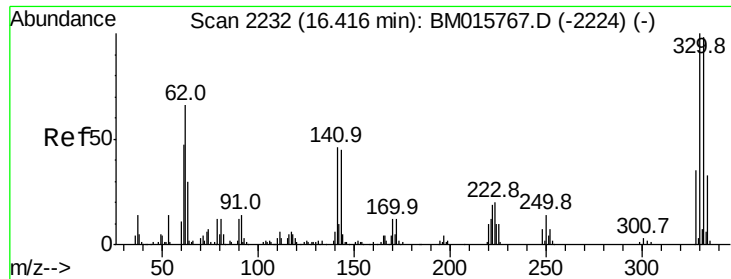
Tot Ion	82	Resp	501784
Ion Ratio	Lower	Upper	
82	100		
128	37.5	32.8	49.2
54	60.1	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.92 min Scan# 1978
 Delta R.T. -0.01 min
 Lab File: BM015864.D
 Acq: 10 Jul 2018 04:53

Tgt Ion	164	Resp	149103
Ion Ratio	Lower	Upper	
164	100		
162	104.0	82.4	123.6
160	47.5	35.8	53.6

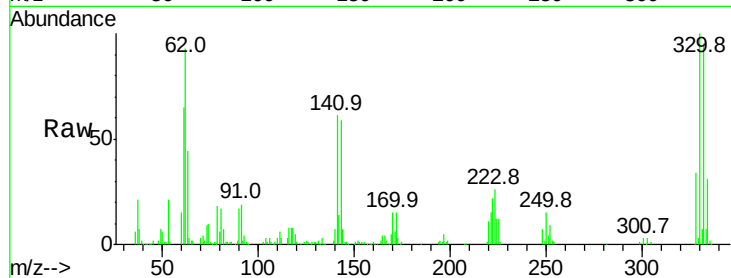




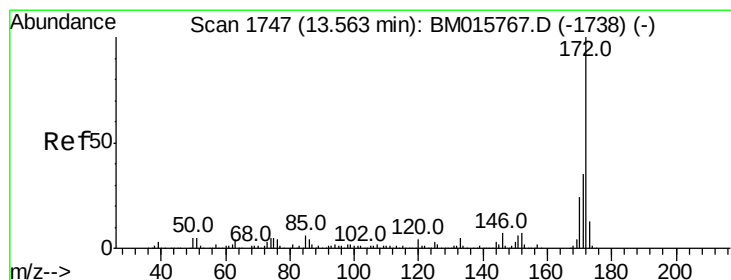
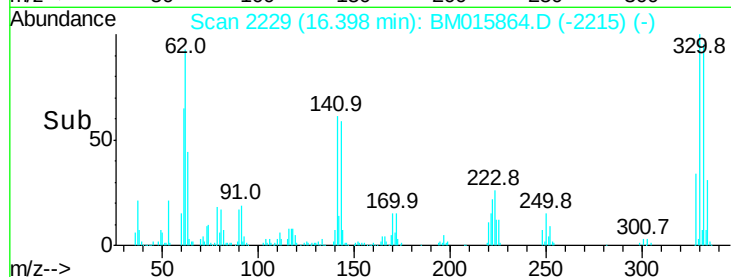
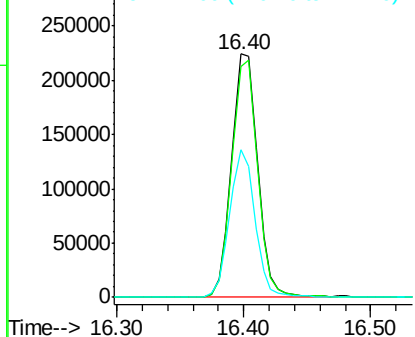
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.40 min Scan# 2229
 Delta R.T. -0.02 min
 Lab File: BM015864.D
 Acq: 10 Jul 2018 04:53

Instrument :
 BNA_M
 ClientSampleID :
 JC-SOIL

Tot Ion:330 Resp: 320546
 Ion Ratio Lower Upper
 330 100
 332 96.5 0.0 0.0#
 141 59.0 0.0 0.0#

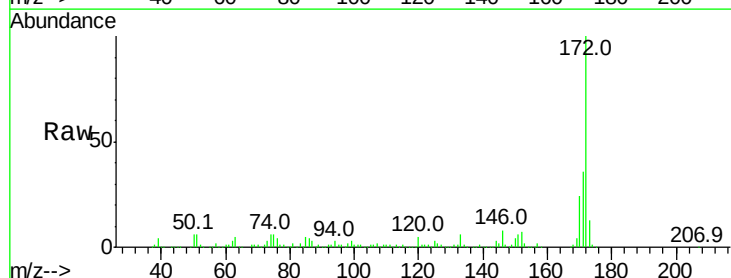


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

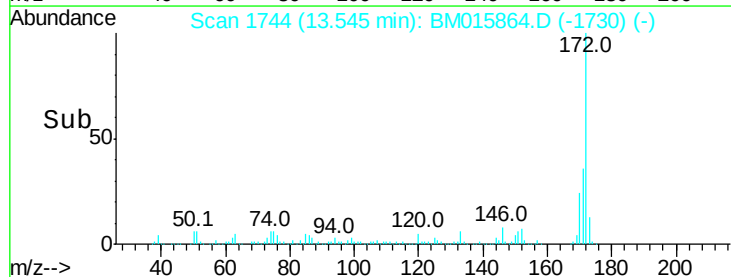
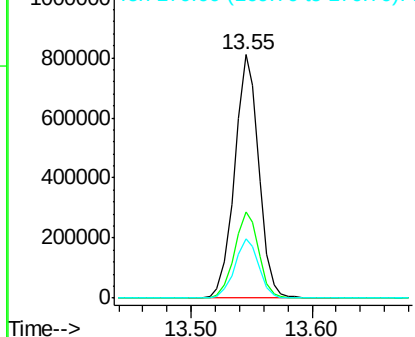


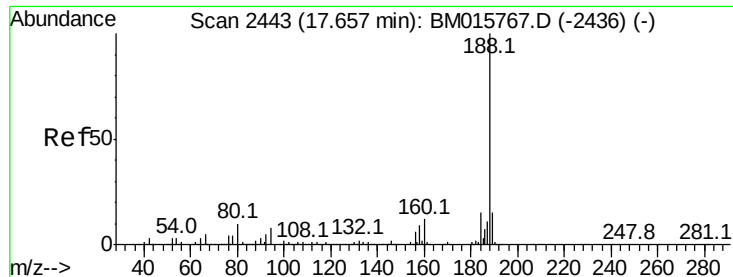
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.55 min Scan# 1744
 Delta R.T. -0.02 min
 Lab File: BM015864.D
 Acq: 10 Jul 2018 04:53

Tgt Ion:172 Resp: 1130230
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.5 42.7
 170 24.1 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

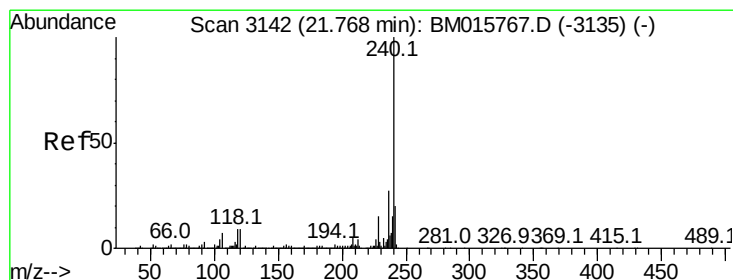
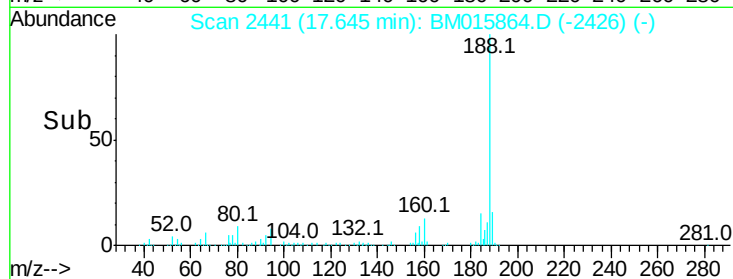
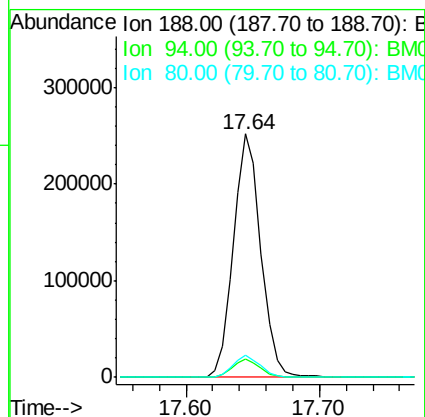
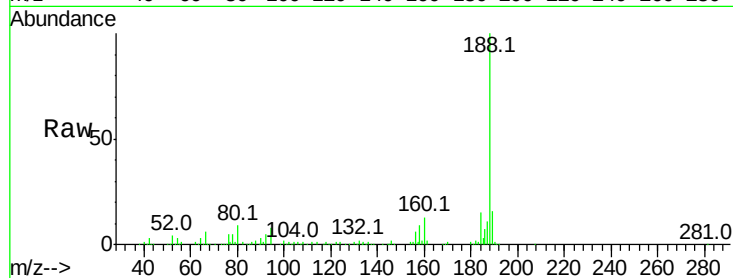




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.64 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BM015864.D
Acq: 10 Jul 2018 04:53

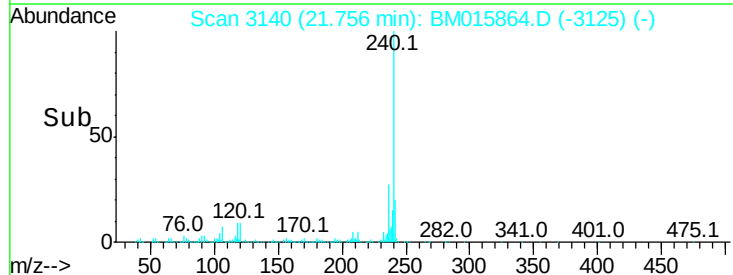
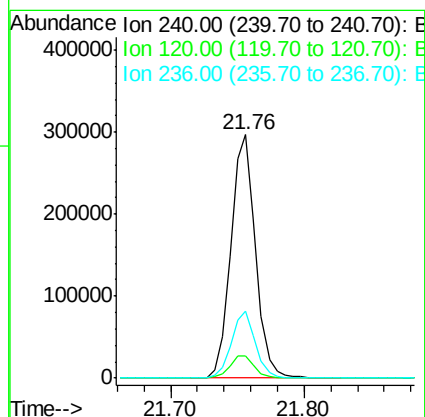
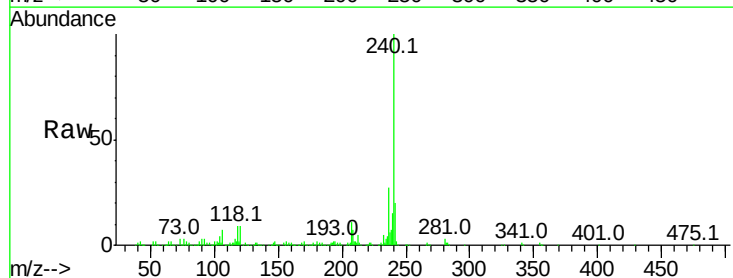
Instrument :
BNA_M
ClientSampleId :
JC-SOIL

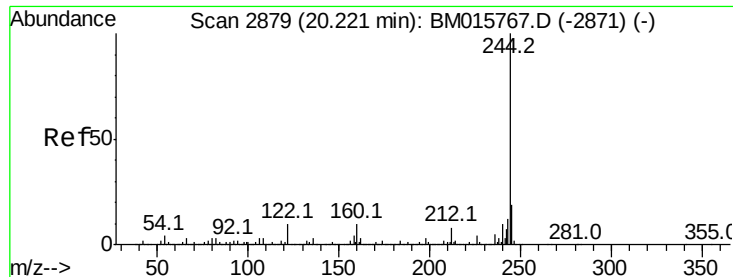
Tot Ion:188 Resp: 360690
Ion Ratio Lower Upper
188 100
94 7.7 8.7 13.1#
80 9.0 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BM015864.D
Acq: 10 Jul 2018 04:53

Tgt Ion:240 Resp: 382664
Ion Ratio Lower Upper
240 100
120 9.0 8.2 12.2
236 27.5 20.0 30.0





#78

Terphenyl-d14

Concen: Below na

RT: 20.21 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BM015864.D

Acq: 10 Jul 2018 04:53

Instrument :

BNA_M

ClientSampled :

JC-SOIL

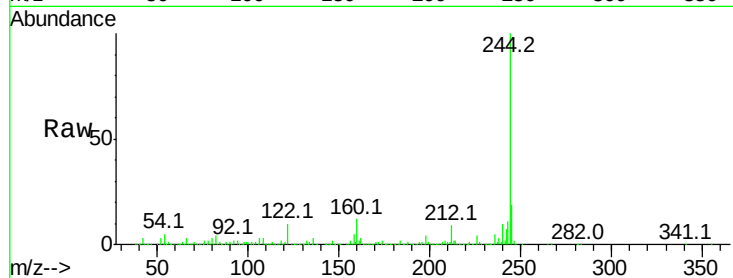
Tot Ion:244 Resp: 2302564

Ion Ratio Lower Upper

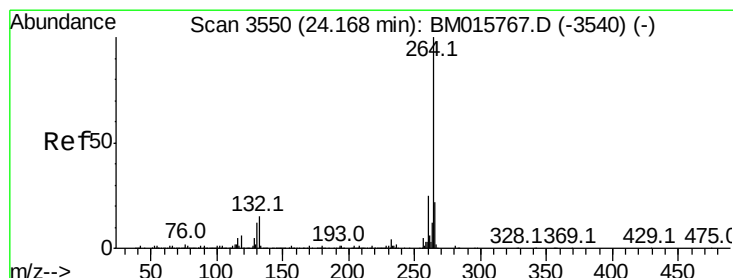
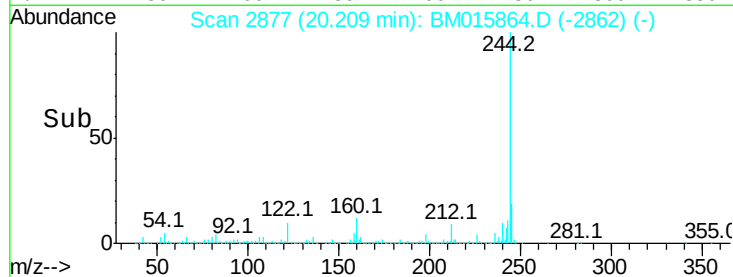
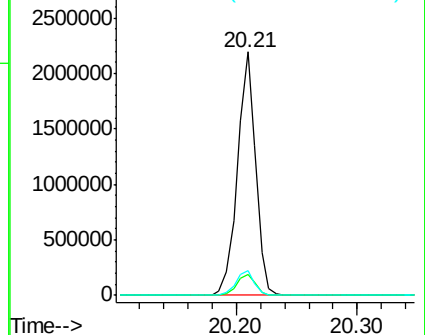
244 100

212 8.7 4.9 7.3#

122 9.9 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: 24.15 min Scan# 3547

Delta R.T. -0.02 min

Lab File: BM015864.D

Acq: 10 Jul 2018 04:53

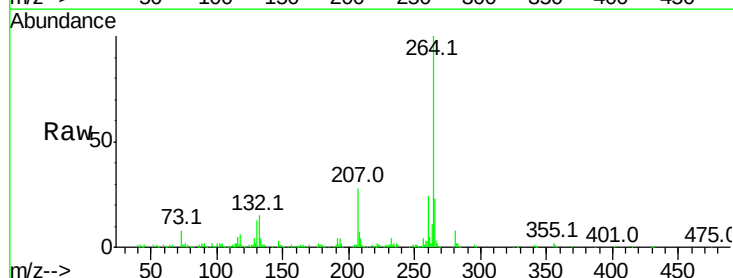
Tgt Ion:264 Resp: 374353

Ion Ratio Lower Upper

264 100

260 24.4 18.6 27.8

265 22.8 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

