

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM070918\
 Data File : BM015863.D
 Acq On : 10 Jul 2018 04:15
 Operator : SJ/JU
 Sample : J3893-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BS-S-7-SOIL

Quant Time: Jul 10 07:03:12 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	62847	20.00	ng	-0.02
21) Naphthalene-d8	11.13	136	237919	20.00	ng	-0.02
38) Acenaphthene-d10	14.92	164	148267	20.00	ng	-0.01
63) Phenanthrene-d10	17.64	188	362733	20.00	ng	-0.01
75) Chrysene-d12	21.75	240	372174	20.00	ng	-0.02
86) Perylene-d12	24.15	264	344958	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	540820	147.58	ng	-0.01
7) Phenol-d6	7.45	99	618935	123.37	ng	-0.01
23) Nitrobenzene-d5	9.49	82	556178	114.06	ng	-0.02
41) 2,4,6-Tribromophenol	16.40	330	347903	179.58	ng	-0.02
44) 2-Fluorobiphenyl	13.55	172	1216074	101.83	ng	-0.02
78) Terphenyl-d14	20.21	244	2453041	122.26	ng	-0.01

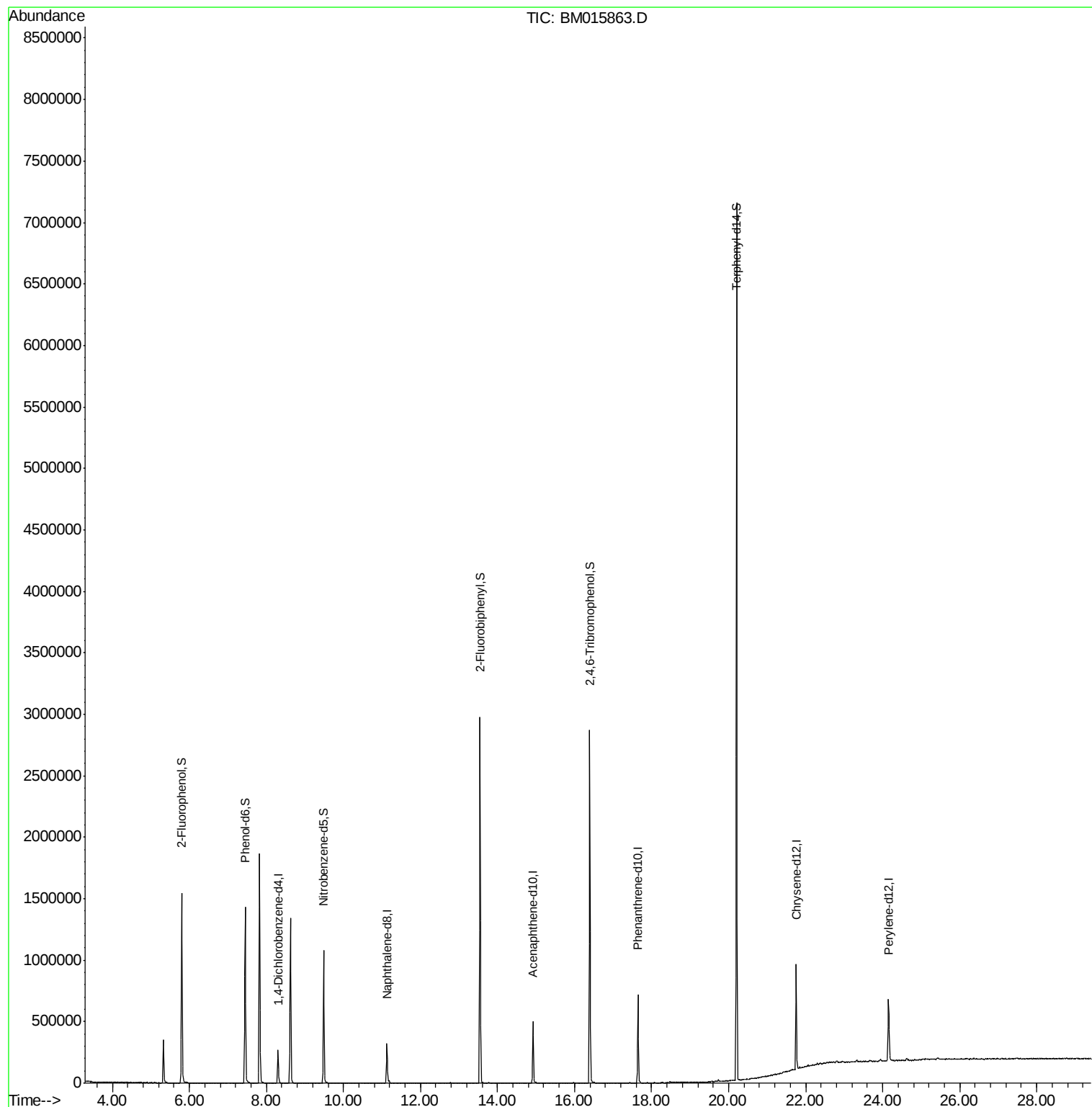
Target Compounds	Qvalue
------------------	--------

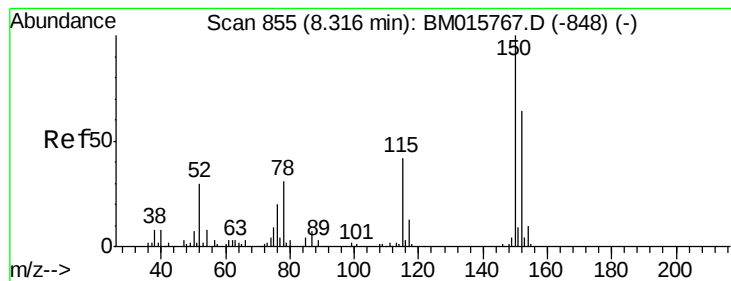
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM070918\
Data File : BM015863.D
Acq On : 10 Jul 2018 04:15
Operator : SJ/JU
Sample : J3893-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BS-S-7-SOIL

Quant Time: Jul 10 07:03:12 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

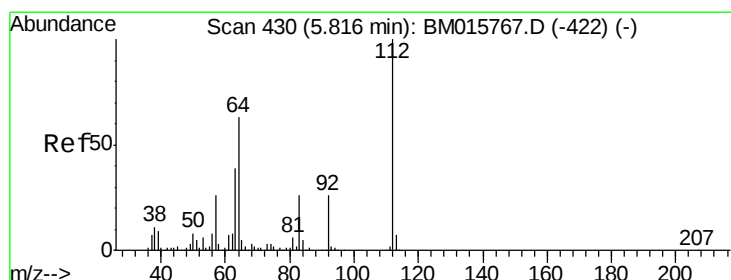
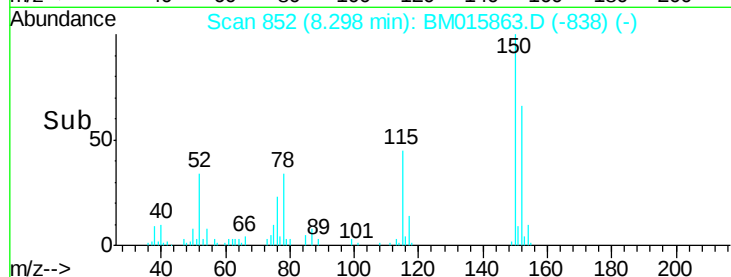
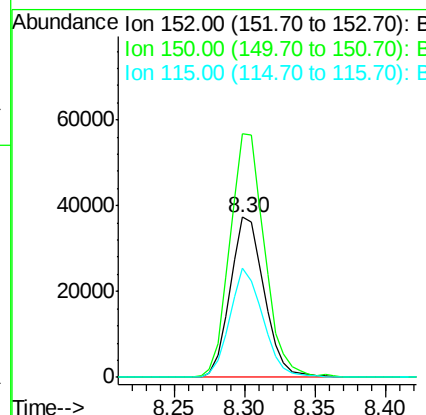
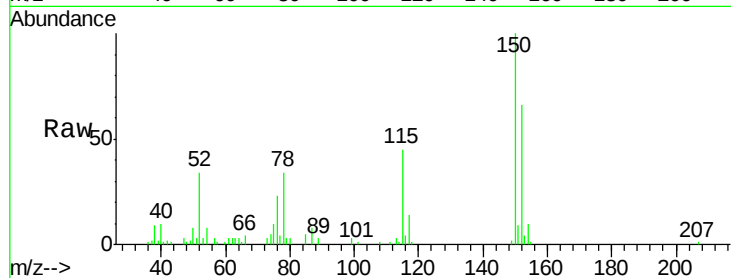




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.30 min Scan# 852
 Delta R.T. -0.02 min
 Lab File: BM015863.D
 Acq: 10 Jul 2018 04:15

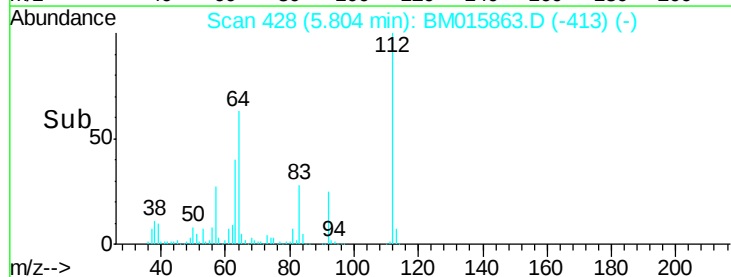
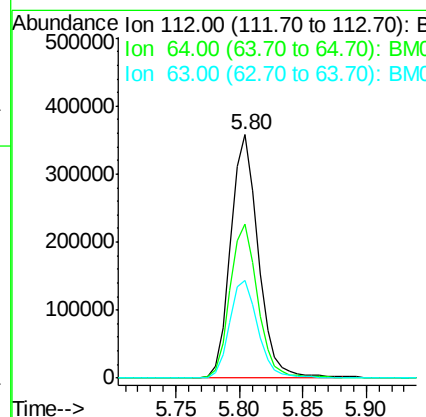
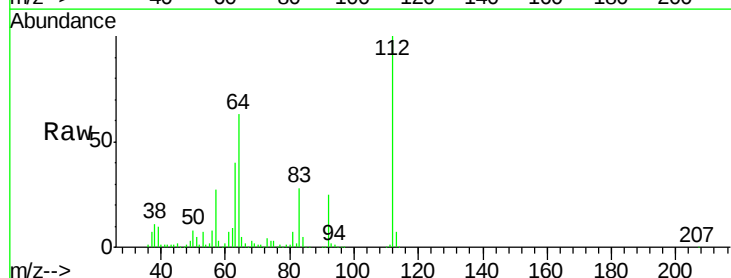
Instrument :
 BNA_M
 ClientSampleId :
 BS-S-7-SOIL

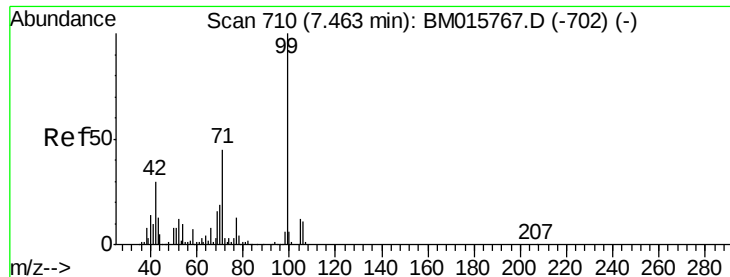
Tgt Ion:152 Resp: 62847
 Ion Ratio Lower Upper
 152 100
 150 152.1 119.5 179.3
 115 67.9 43.0 64.4#



#5
 2-Fluorophenol
 Concen: Below ng
 RT: 5.80 min Scan# 428
 Delta R.T. -0.01 min
 Lab File: BM015863.D
 Acq: 10 Jul 2018 04:15

Tgt Ion:112 Resp: 540820
 Ion Ratio Lower Upper
 112 100
 64 63.4 38.6 57.8#
 63 39.9 19.3 28.9#





#7

Phenol-d6

Concen: N.D. ng

RT: 7.45 min Scan# 708

Delta R.T. -0.01 min

Lab File: BM015863.D

Acq: 10 Jul 2018 04:15

Instrument :

BNA_M

ClientSampleId :

BS-S-7-SOIL

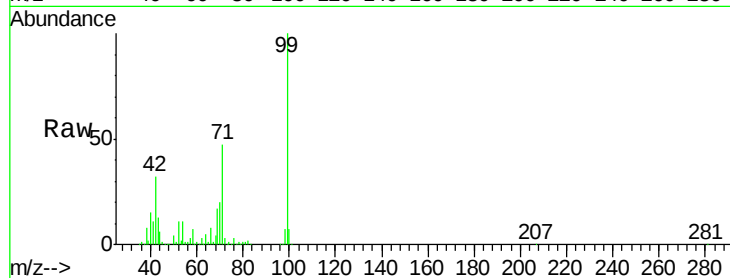
Tgt Ion: 99 Resp: 618935

Ion Ratio Lower Upper

99 100

42 32.4 11.0 16.4#

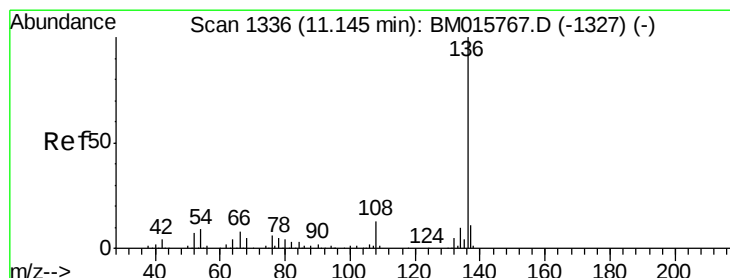
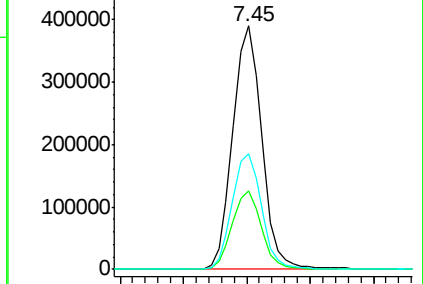
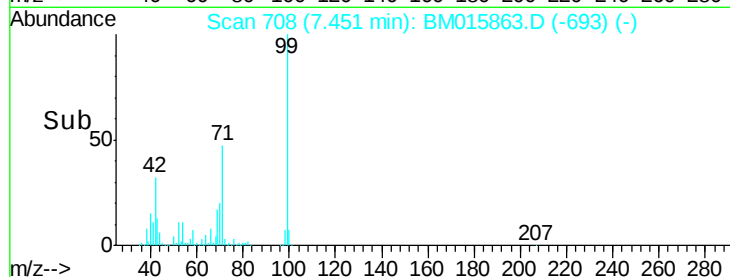
71 47.5 23.4 35.2#



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: BM015863.D

Acq: 10 Jul 2018 04:15

Tgt Ion: 136 Resp: 237919

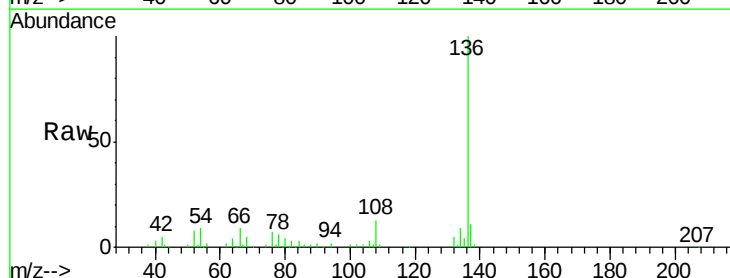
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 9.4 4.6 6.8#

68 4.8 3.7 5.5

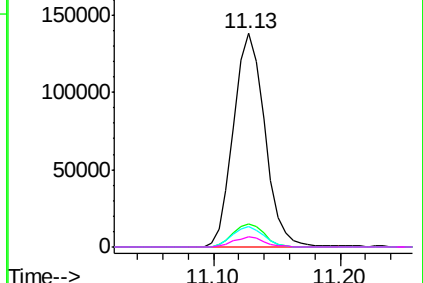
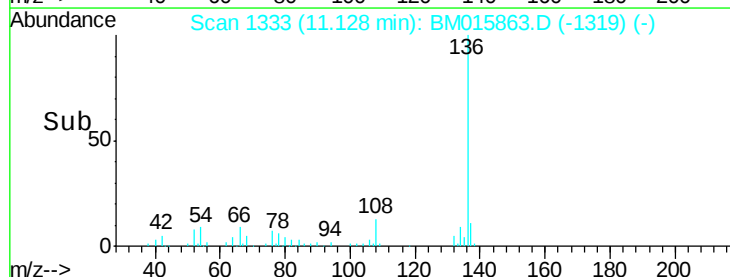


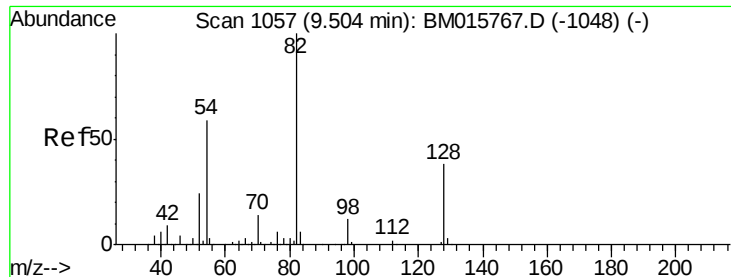
Abundance Ion 136.00 (135.70 to 136.70): BM015767.D (-1327) (-)

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) (-)

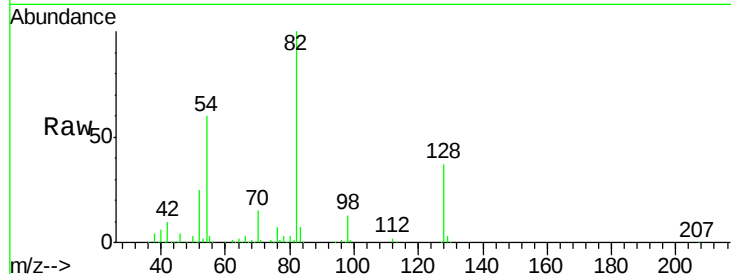




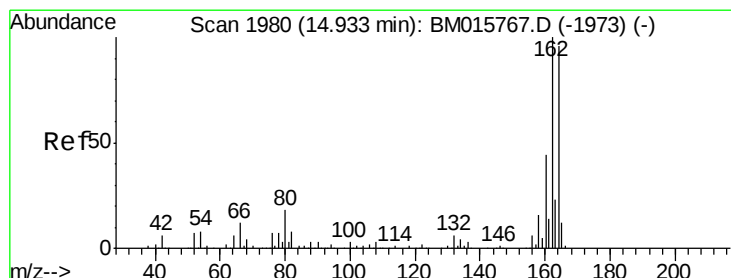
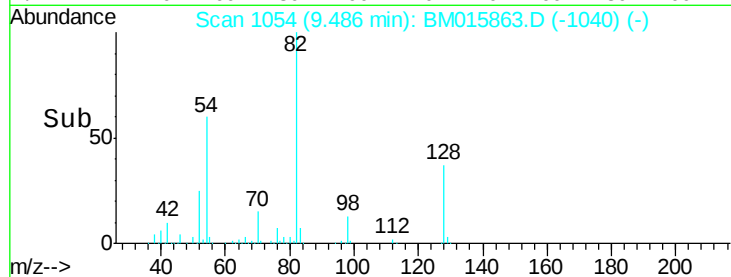
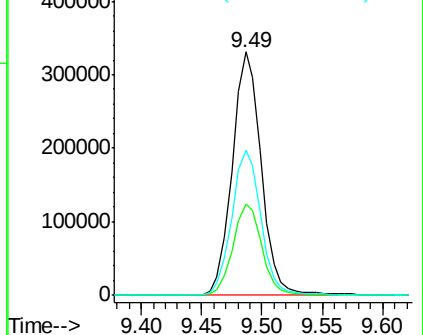
#23
 Nitrobenzene-d5
 Concen: Below ng
 RT: 9.49 min Scan# 1054
 Delta R.T. -0.02 min
 Lab File: BM015863.D
 Acq: 10 Jul 2018 04:15

Instrument :
 BNA_M
 ClientSampleId :
 BS-S-7-SOIL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.4	32.8	49.2
54	59.7	40.6	60.8

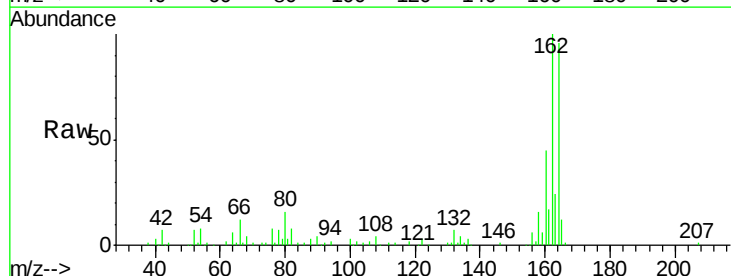


Abundance Ion 82.00 (81.70 to 82.70): BM015767.D (-1048) (-)
 Ion 128.00 (127.70 to 128.70): BM015767.D (-1048) (-)
 Ion 54.00 (53.70 to 54.70): BM015767.D (-1048) (-)

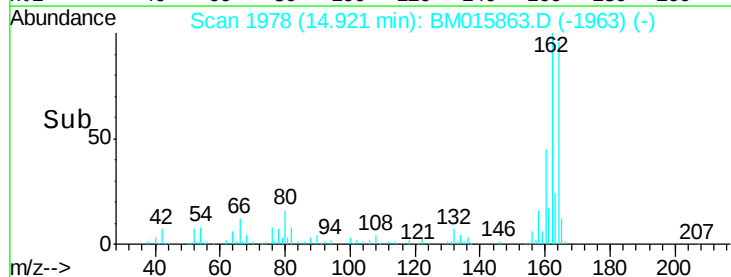
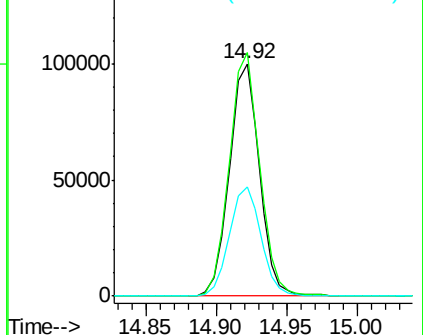


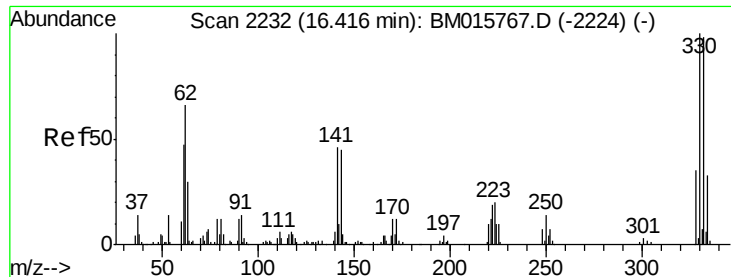
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.92 min Scan# 1978
 Delta R.T. -0.01 min
 Lab File: BM015863.D
 Acq: 10 Jul 2018 04:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	82.4	123.6
160	47.2	35.8	53.6



Abundance Ion 164.00 (163.70 to 164.70): BM015767.D (-1973) (-)
 Ion 162.00 (161.70 to 162.70): BM015767.D (-1973) (-)
 Ion 160.00 (159.70 to 160.70): BM015767.D (-1973) (-)

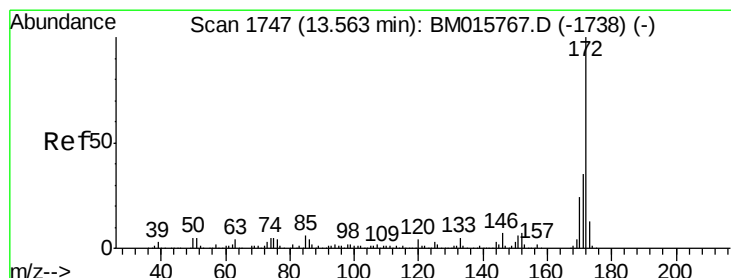
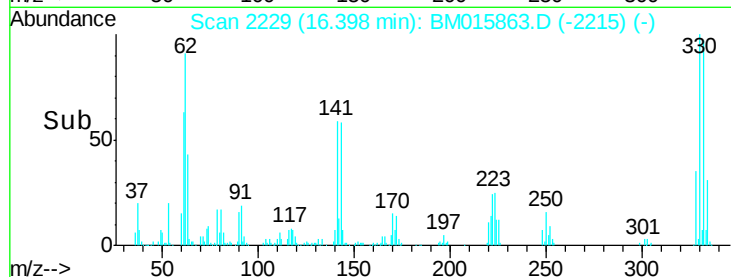
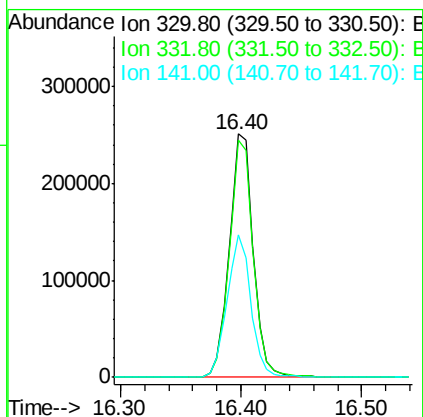
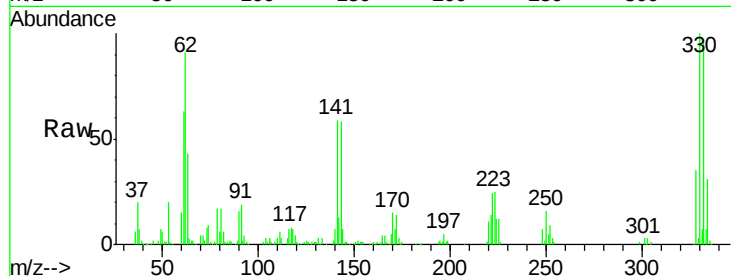




#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.40 min Scan# 2229
 Delta R.T. -0.02 min
 Lab File: BM015863.D
 Acq: 10 Jul 2018 04:15

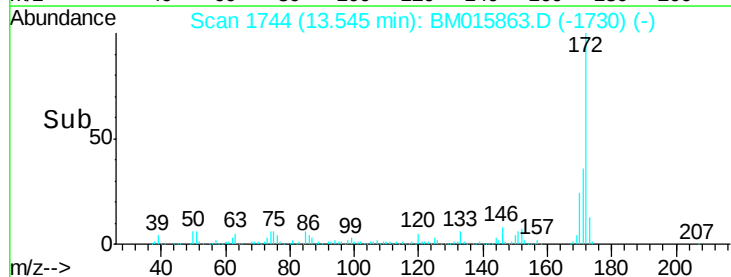
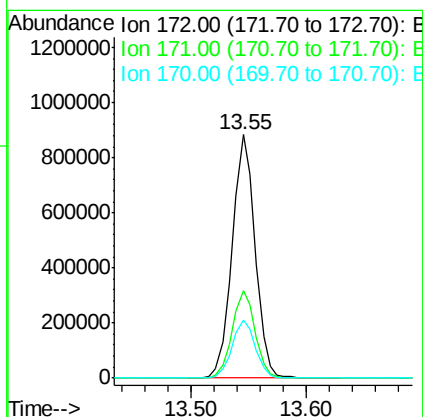
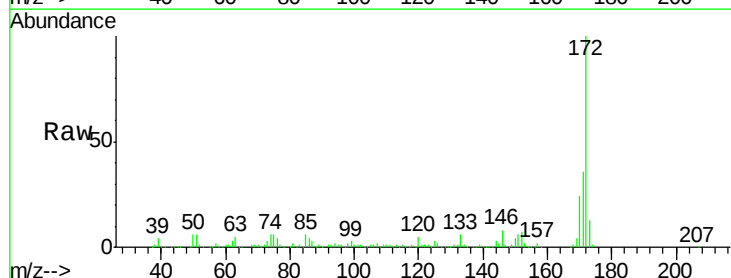
Instrument :
 BNA_M
 ClientSampleId :
 BS-S-7-SOIL

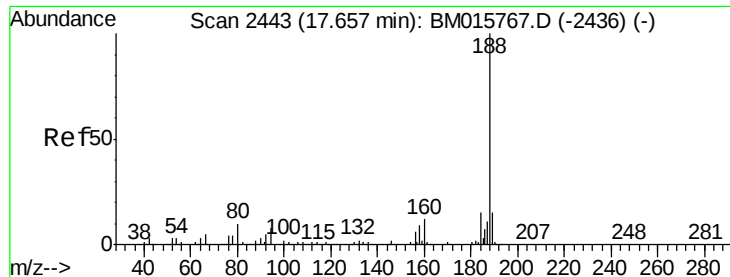
Tgt Ion:330 Resp: 347903
 Ion Ratio Lower Upper
 330 100
 332 96.9 0.0 0.0#
 141 58.2 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.55 min Scan# 1744
 Delta R.T. -0.02 min
 Lab File: BM015863.D
 Acq: 10 Jul 2018 04:15

Tgt Ion:172 Resp: 1216074
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.5 42.7
 170 24.0 18.8 28.2

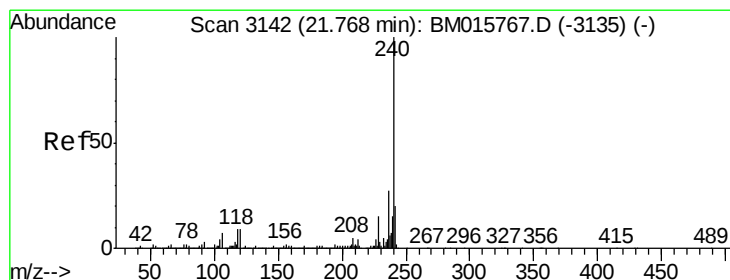
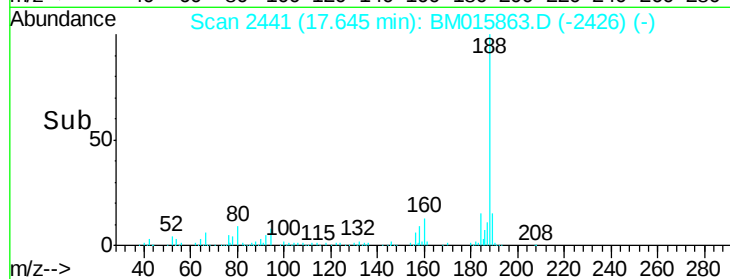
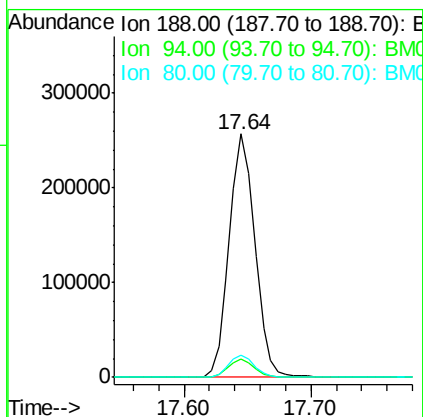
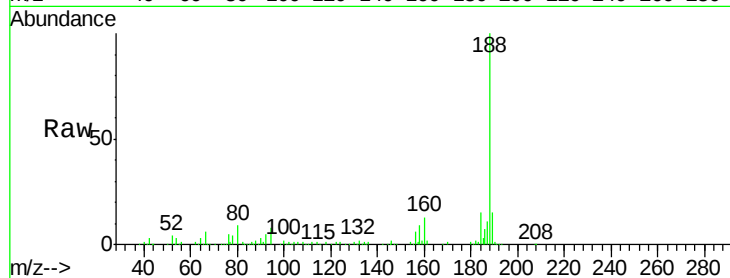




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.64 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BM015863.D
Acq: 10 Jul 2018 04:15

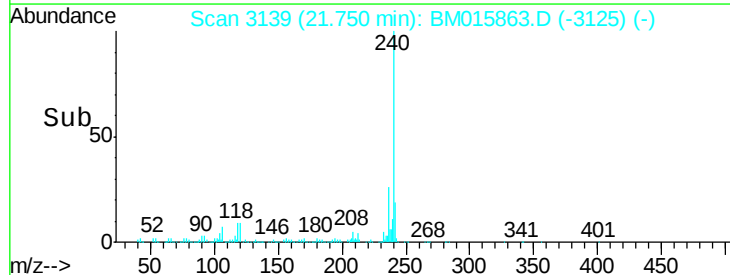
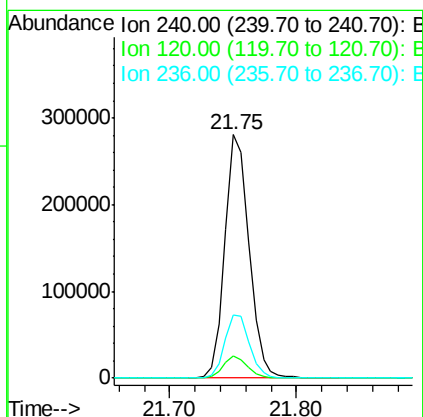
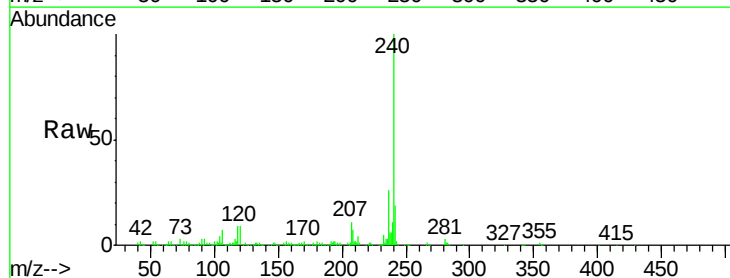
Instrument :
BNA_M
ClientSampleId :
BS-S-7-SOIL

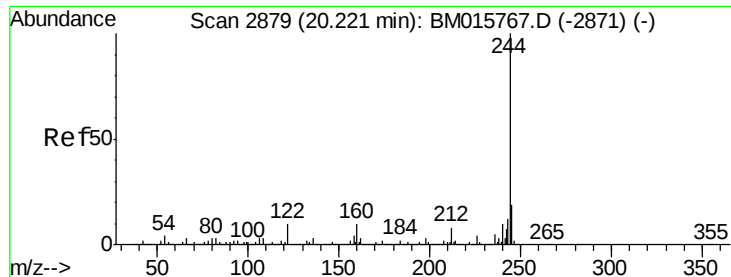
Tgt Ion:188 Resp: 362733
Ion Ratio Lower Upper
188 100
94 7.8 8.7 13.1#
80 9.1 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3139
Delta R.T. -0.02 min
Lab File: BM015863.D
Acq: 10 Jul 2018 04:15

Tgt Ion:240 Resp: 372174
Ion Ratio Lower Upper
240 100
120 9.2 8.2 12.2
236 25.7 20.0 30.0





#78

Terphenyl-d14

Concen: Below ng

RT: 20.21 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BM015863.D

Acq: 10 Jul 2018 04:15

Instrument :

BNA_M

ClientSampleId :

BS-S-7-SOIL

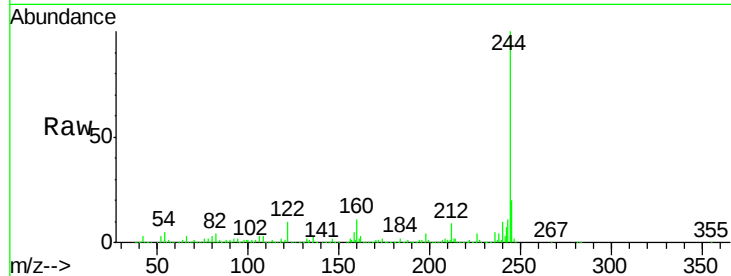
Tgt Ion:244 Resp: 2453041

Ion Ratio Lower Upper

244 100

212 8.7 4.9 7.3#

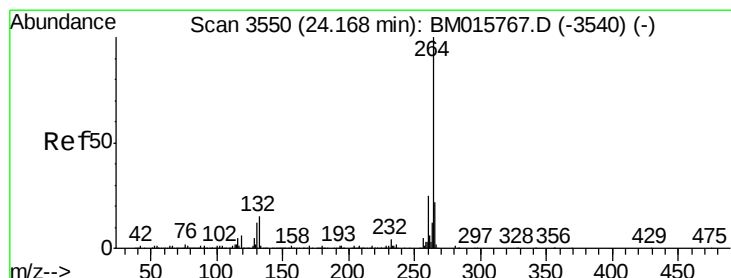
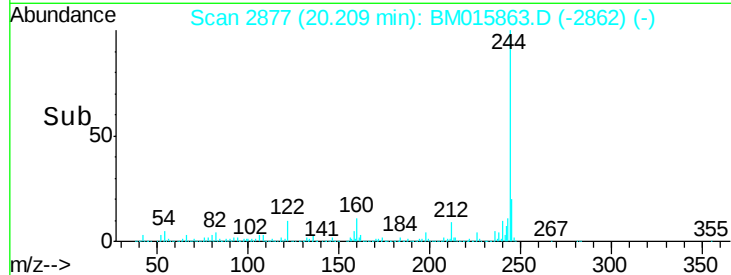
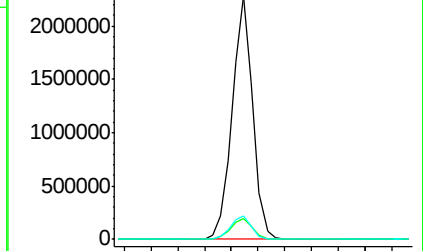
122 9.8 6.2 9.4#



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: BM015863.D

Acq: 10 Jul 2018 04:15

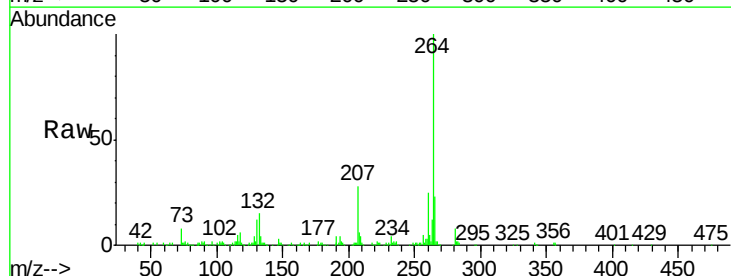
Tgt Ion:264 Resp: 344958

Ion Ratio Lower Upper

264 100

260 24.9 18.6 27.8

265 22.6 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

