

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101818\
 Data File : BM017225.D
 Acq On : 19 Oct 2018 11:33
 Operator : MJ/SJ
 Sample : J5536-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 351-SOIL

Quant Time: Oct 19 12:26:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	301575	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	1157559	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	682437	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1579650	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	1679152	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1611713	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	2005094	112.45	ng	0.00
7) Phenol-d6	6.85	99	2397082	98.71	ng	0.00
23) Nitrobenzene-d5	8.82	82	1815800	91.74	ng	-0.01
42) 2,4,6-Tribromophenol	15.80	330	1265512	137.12	ng	-0.01
45) 2-Fluorobiphenyl	12.93	172	4330212	84.43	ng	0.00
79) Terphenyl-d14	19.70	244	6763892	90.79	ng	0.00

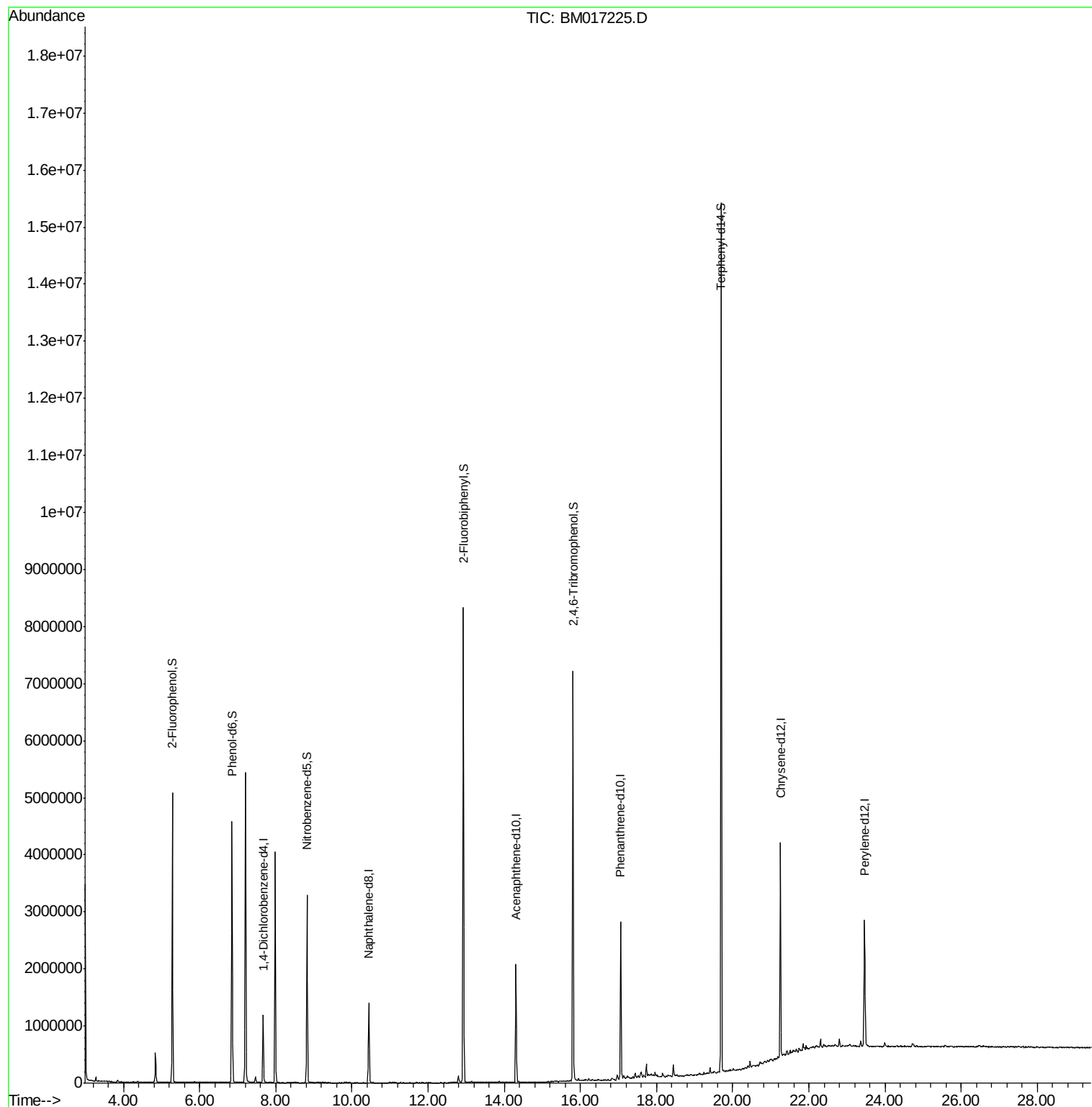
Target Compounds	Qvalue
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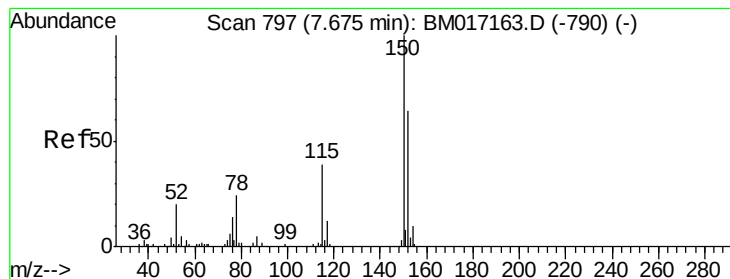
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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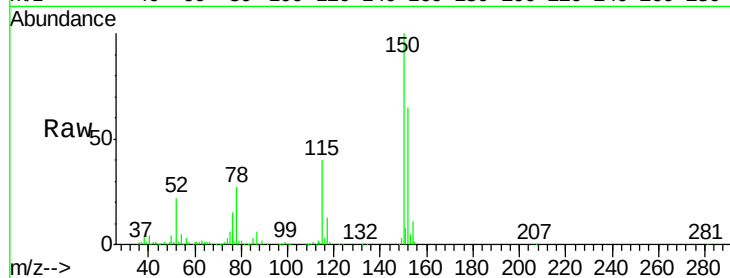


#1

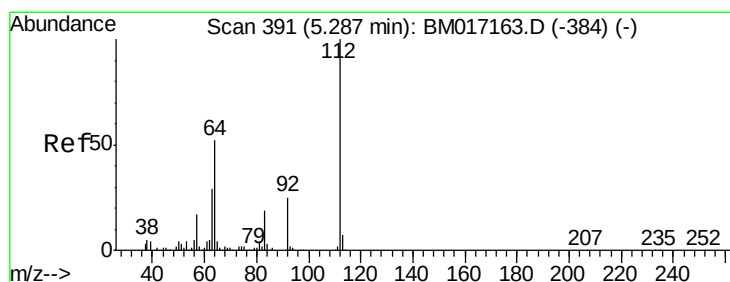
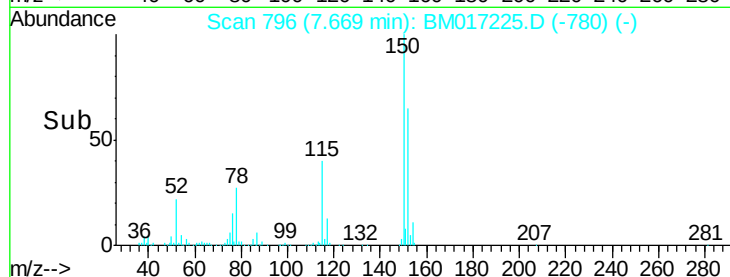
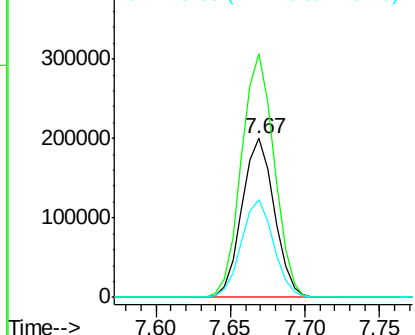
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM017225.D
Acq: 19 Oct 2018 11:33

Instrument :
BNA_M
ClientSampleId :
351-SOIL

Tgt Ion:152 Resp: 301575
Ion Ratio Lower Upper
152 100
150 153.1 124.3 186.5
115 61.5 48.1 72.1



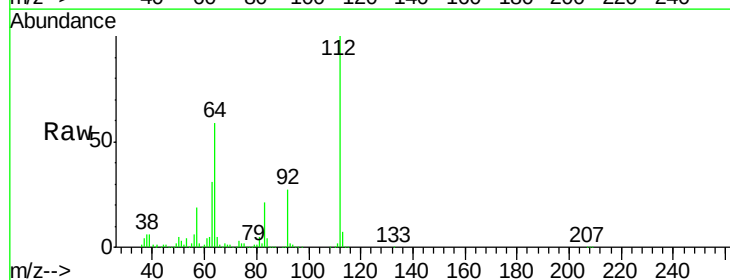
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



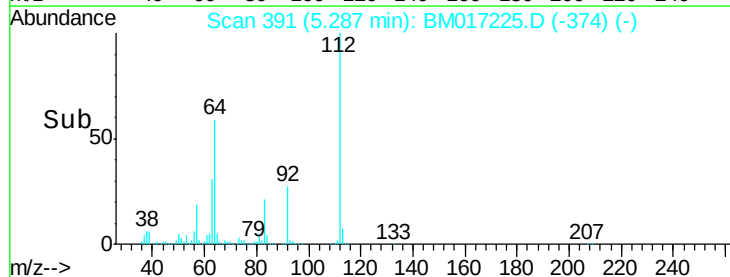
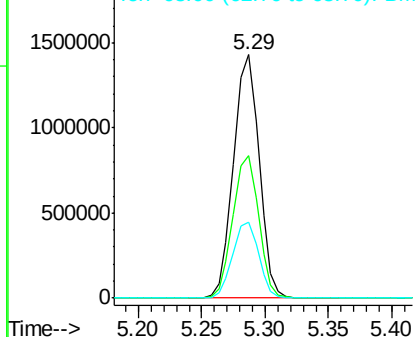
#5

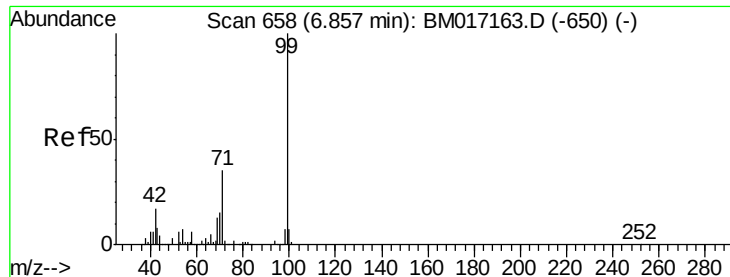
2-Fluorophenol
Concen: 112.452 ng
RT: 5.29 min Scan# 391
Delta R.T. 0.00 min
Lab File: BM017225.D
Acq: 19 Oct 2018 11:33

Tgt Ion:112 Resp: 2005094
Ion Ratio Lower Upper
112 100
64 58.6 41.7 62.5
63 31.0 23.0 34.4



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: 98.709 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM017225.D

Acq: 19 Oct 2018 11:33

Instrument :

BNA_M

ClientSampleId :

351-SOIL

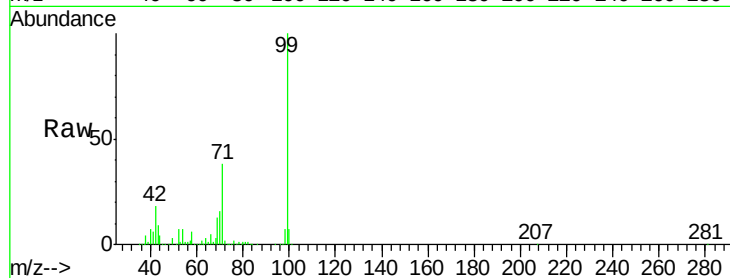
Tgt Ion: 99 Resp: 2397082

Ion Ratio Lower Upper

99 100

42 18.4 13.3 19.9

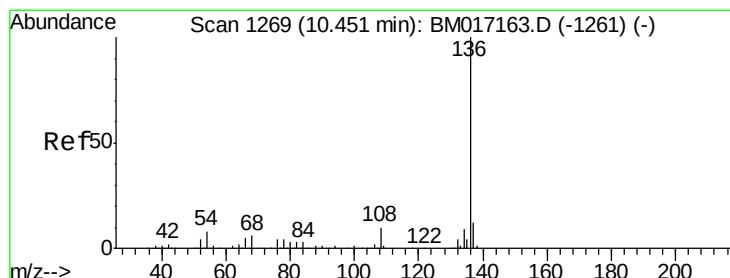
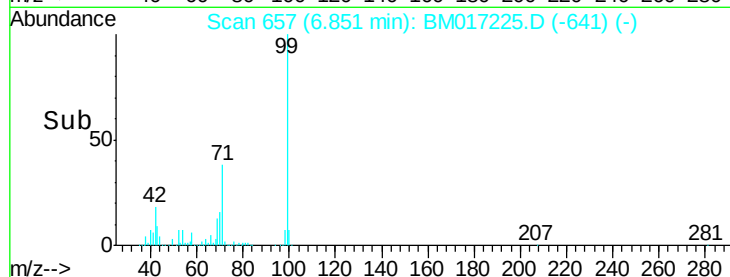
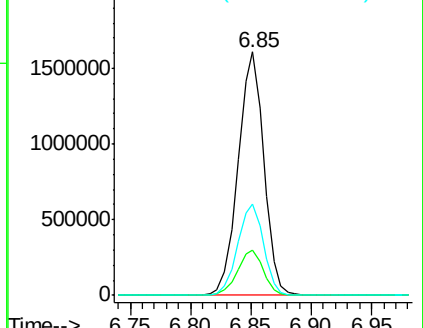
71 37.6 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017163.D (-650) (-)

Ion 42.00 (41.70 to 42.70): BM017163.D (-650) (-)

Ion 71.00 (70.70 to 71.70): BM017163.D (-650) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.45 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BM017225.D

Acq: 19 Oct 2018 11:33

Tgt Ion: 136 Resp: 1157559

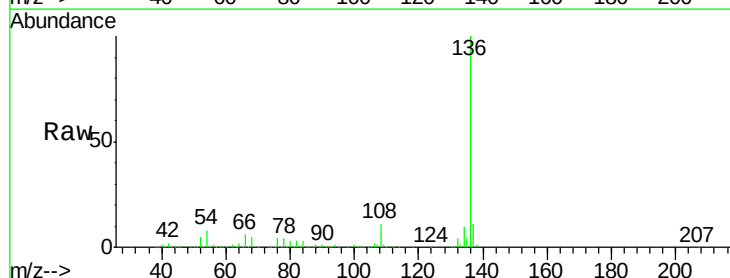
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 7.6 6.7 10.1

68 5.4 4.7 7.1

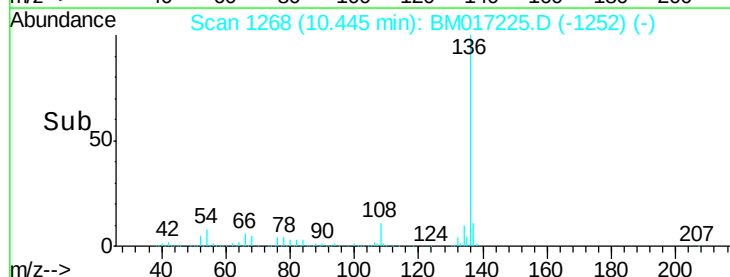
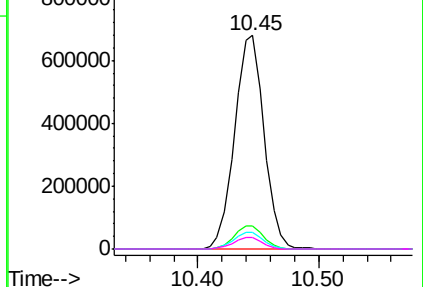


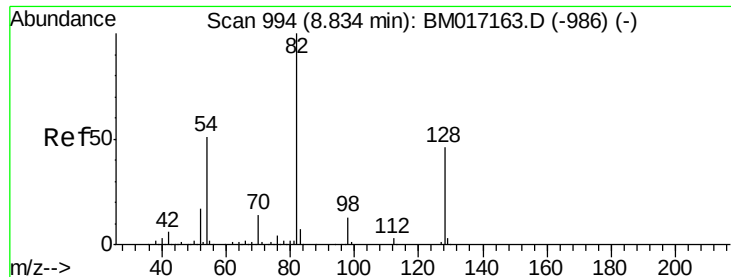
Abundance Ion 136.00 (135.70 to 136.70): BM017163.D (-1261) (-)

Ion 137.00 (136.70 to 137.70): BM017163.D (-1261) (-)

Ion 54.00 (53.70 to 54.70): BM017163.D (-1261) (-)

Ion 68.00 (67.70 to 68.70): BM017163.D (-1261) (-)

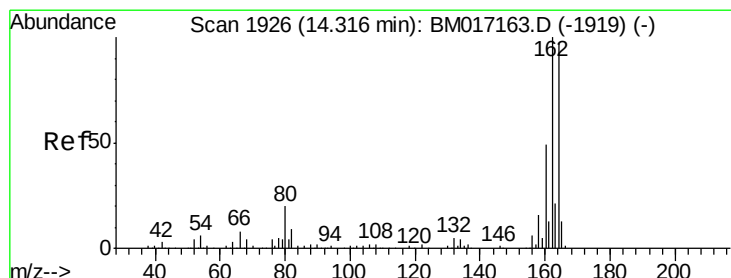
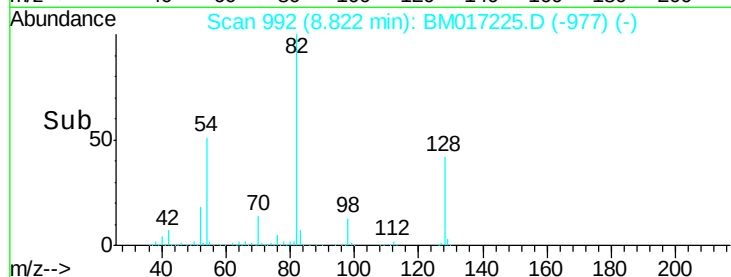
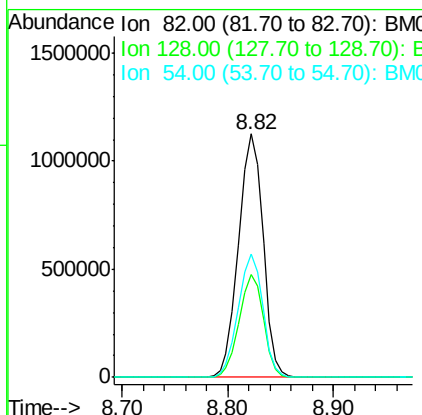
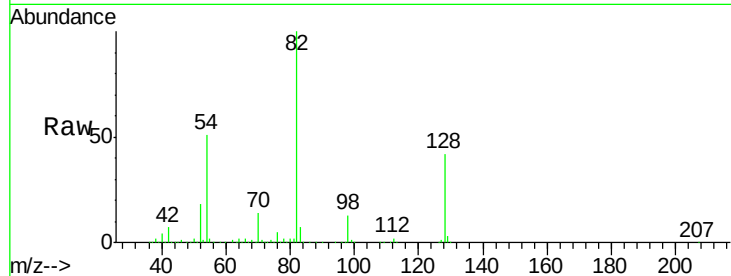




#23
 Nitrobenzene-d5
 Concen: 91.743 ng
 RT: 8.82 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BM017225.D
 Acq: 19 Oct 2018 11:33

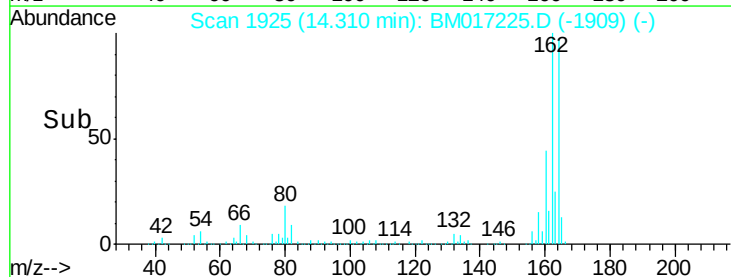
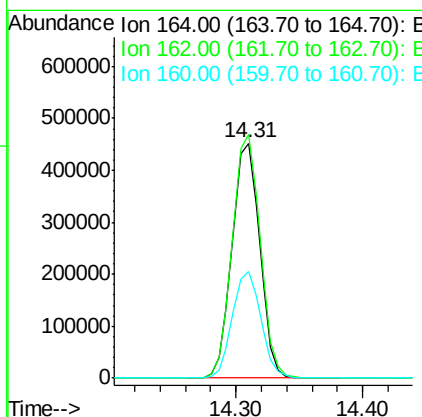
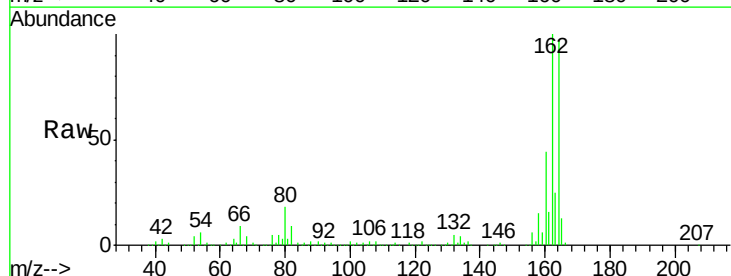
Instrument :
 BNA_M
 ClientSampleId :
 351-SOIL

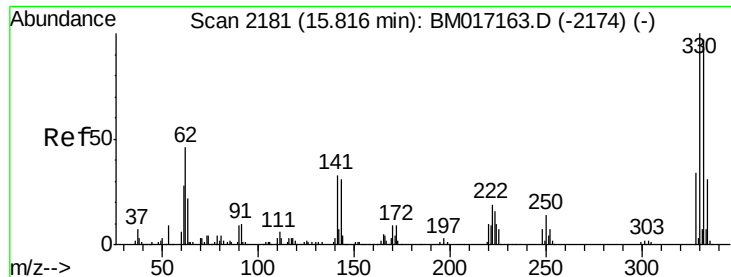
Tgt Ion: 82 Resp: 1815800
 Ion Ratio Lower Upper
 82 100
 128 42.4 37.0 55.6
 54 50.6 40.7 61.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.31 min Scan# 1925
 Delta R.T. -0.01 min
 Lab File: BM017225.D
 Acq: 19 Oct 2018 11:33

Tgt Ion: 164 Resp: 682437
 Ion Ratio Lower Upper
 164 100
 162 103.5 82.1 123.1
 160 45.5 40.2 60.2

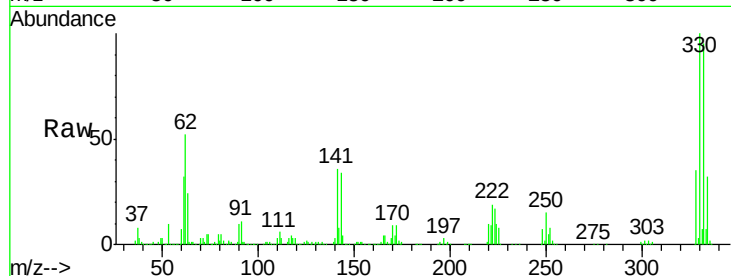




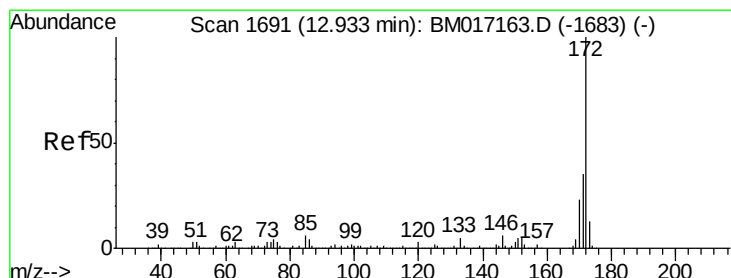
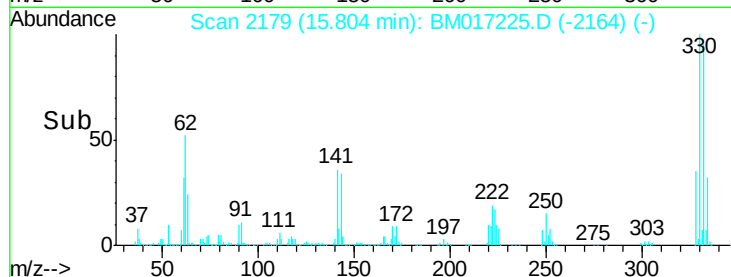
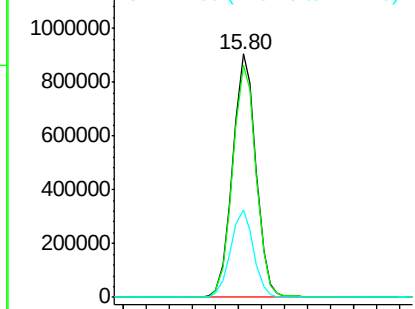
#42
 2,4,6-Tribromophenol
 Concen: 137.124 ng
 RT: 15.80 min Scan# 2179
 Delta R.T. -0.01 min
 Lab File: BM017225.D
 Acq: 19 Oct 2018 11:33

Instrument :
 BNA_M
 ClientSampleId :
 351-SOIL

Tgt Ion:330 Resp: 1265512
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.3 115.9
 141 35.4 27.4 41.0

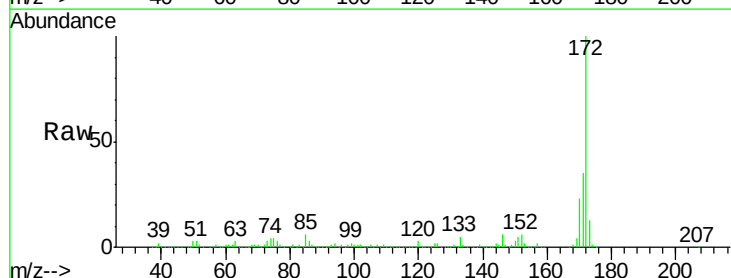


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

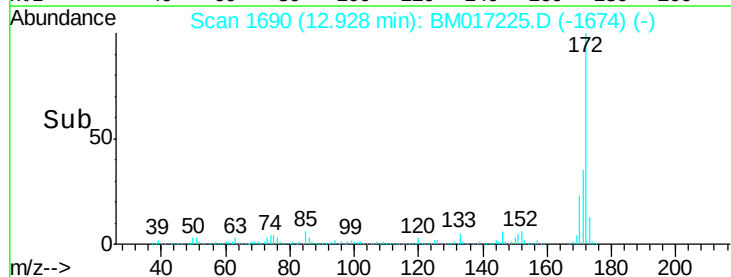
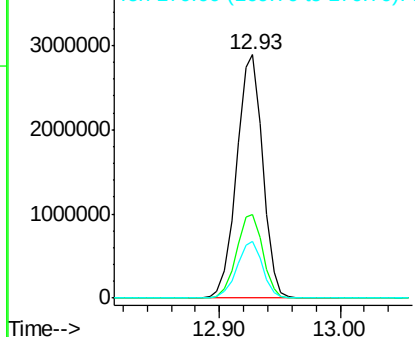


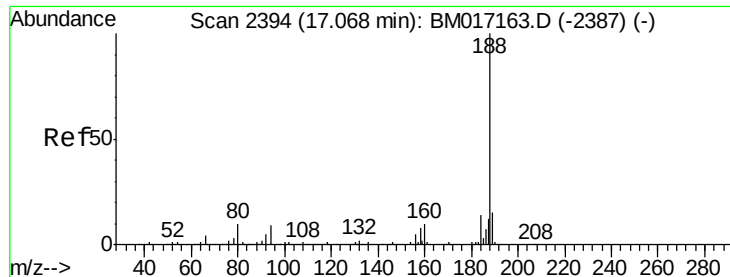
#45
 2-Fluorobiphenyl
 Concen: 84.426 ng
 RT: 12.93 min Scan# 1690
 Delta R.T. -0.01 min
 Lab File: BM017225.D
 Acq: 19 Oct 2018 11:33

Tgt Ion:172 Resp: 4330212
 Ion Ratio Lower Upper
 172 100
 171 34.5 28.3 42.5
 170 23.1 18.3 27.5



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

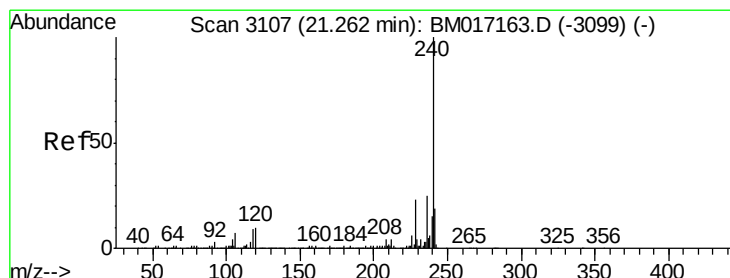
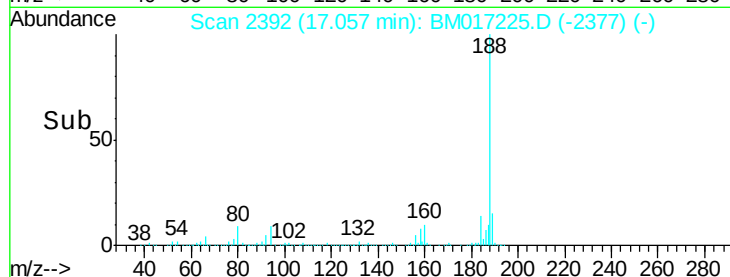
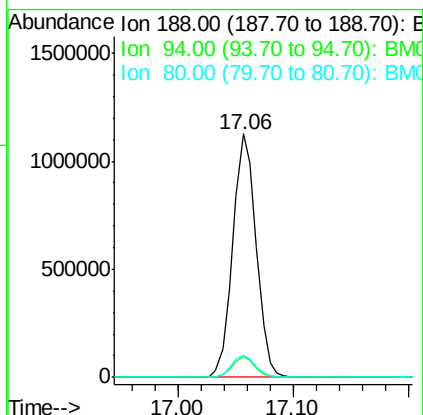
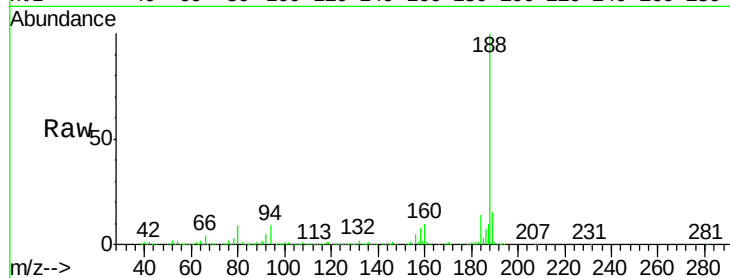




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM017225.D
Acq: 19 Oct 2018 11:33

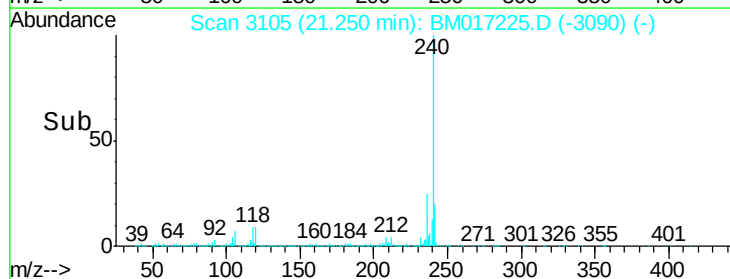
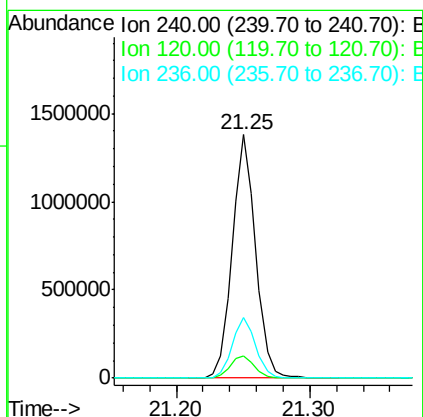
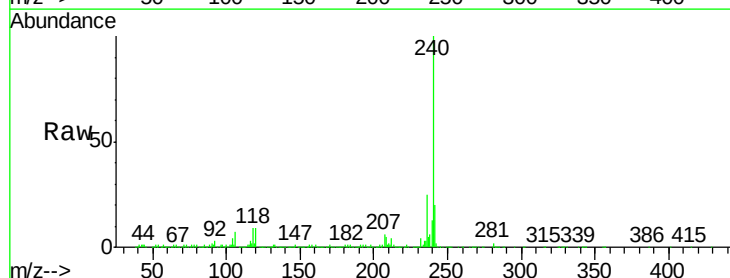
Instrument :
BNA_M
ClientSampled :
351-SOIL

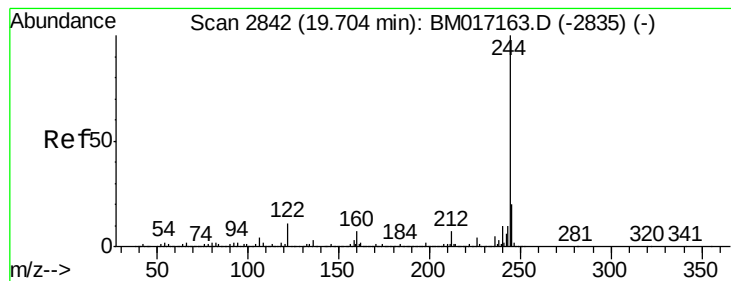
Tgt Ion:188 Resp: 1579650
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.4
80 9.1 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BM017225.D
Acq: 19 Oct 2018 11:33

Tgt Ion:240 Resp: 1679152
Ion Ratio Lower Upper
240 100
120 9.3 8.1 12.1
236 25.0 19.9 29.9





#79

Terphenyl-d14

Concen: 90.795 ng

RT: 19.70 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BM017225.D

Acq: 19 Oct 2018 11:33

Instrument :

BNA_M

ClientSampleId :

351-SOIL

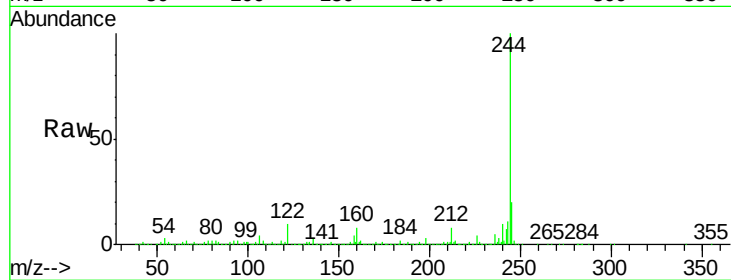
Tgt Ion:244 Resp: 6763892

Ion Ratio Lower Upper

244 100

212 7.5 5.5 8.3

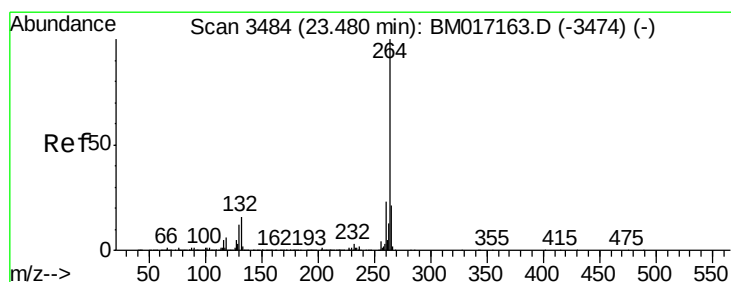
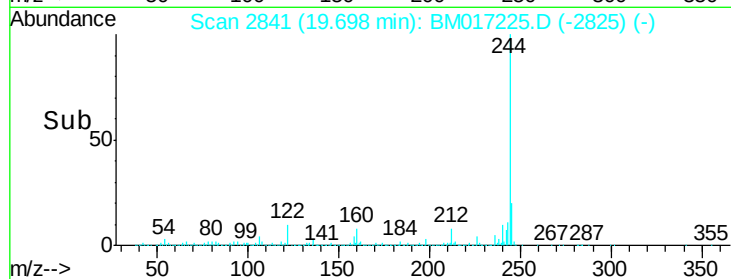
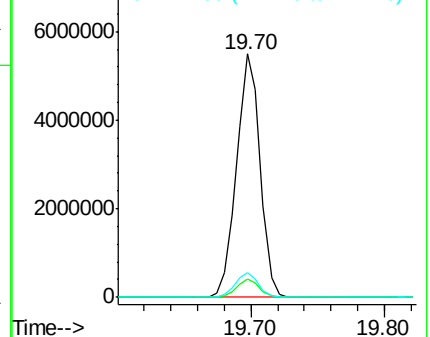
122 10.4 8.4 12.6



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.46 min Scan# 3481

Delta R.T. -0.02 min

Lab File: BM017225.D

Acq: 19 Oct 2018 11:33

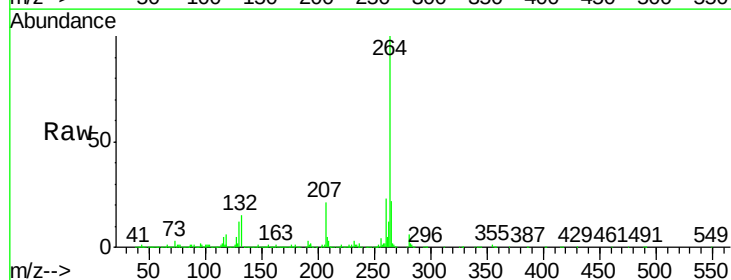
Tgt Ion:264 Resp: 1611713

Ion Ratio Lower Upper

264 100

260 22.9 18.6 27.8

265 22.1 17.8 26.8



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

