

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060618\
 Data File : BM015515.D
 Acq On : 07 Jun 2018 07:44
 Operator : SJ/JU
 Sample : J3306-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A&M-SOIL

Quant Time: Jun 07 08:34:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 06 14:01:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	137531	20.00	ng	0.00
21) Naphthalene-d8	11.19	136	511280	20.00	ng	0.00
38) Acenaphthene-d10	14.97	164	259112	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	532607	20.00	ng	0.00
75) Chrysene-d12	21.79	240	530829	20.00	ng	-0.01
86) Perylene-d12	24.21	264	557401	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	1009760	124.89	ng	0.00
7) Phenol-d6	7.50	99	1192826	97.61	ng	0.00
23) Nitrobenzene-d5	9.54	82	1005160	106.94	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	463860	124.57	ng	0.00
44) 2-Fluorobiphenyl	13.60	172	2022537	104.80	ng	0.00
78) Terphenyl-d14	20.24	244	2859061	124.32	ng	-0.01

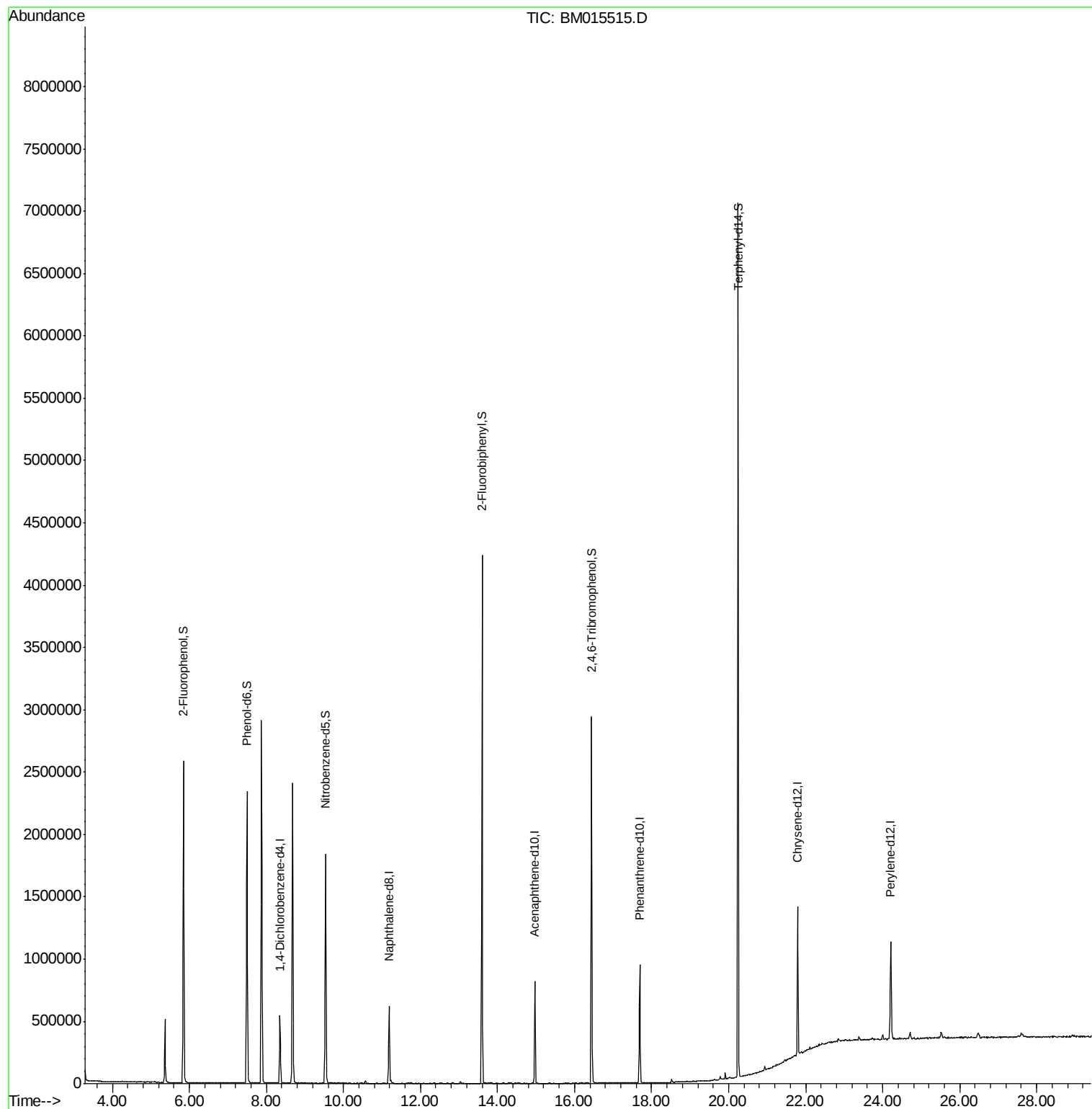
Target Compounds Qvalue

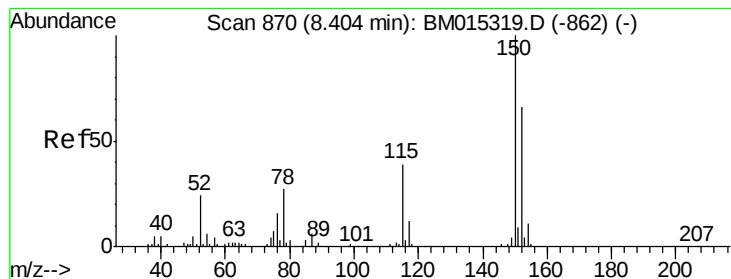
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060618\
Data File : BM015515.D
Acq On : 07 Jun 2018 07:44
Operator : SJ/JU
Sample : J3306-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A&M-SOIL

Quant Time: Jun 07 08:34:18 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 06 14:01:06 2018
Response via : Initial Calibration

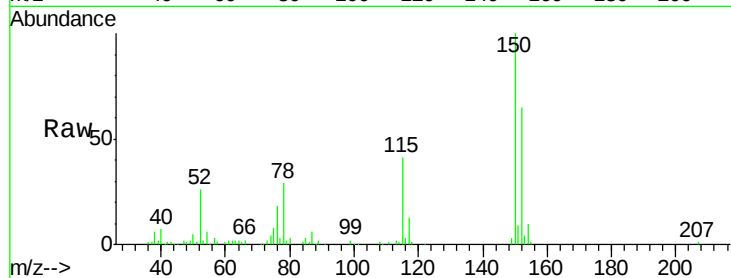




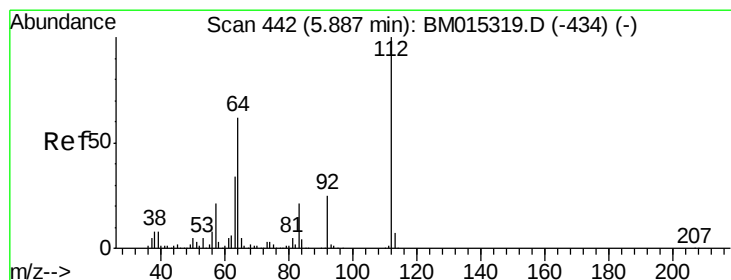
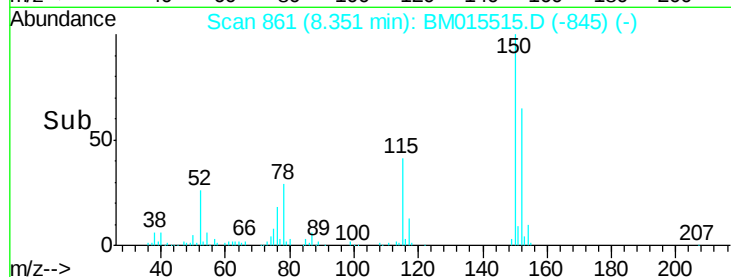
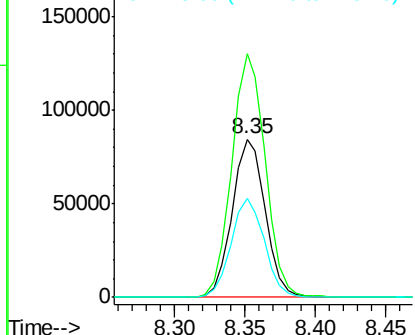
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.35 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: BM015515.D
 Acq: 07 Jun 2018 07:44

Instrument :
 BNA_M
 ClientSampleId :
 A&M-SOIL

Tot Ion:152 Resp: 137531
 Ion Ratio Lower Upper
 152 100
 150 154.0 119.5 179.3
 115 62.5 43.0 64.4

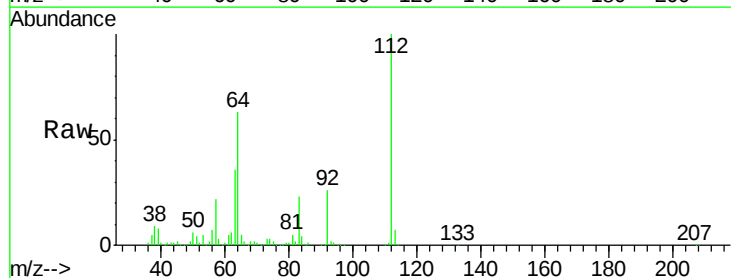


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

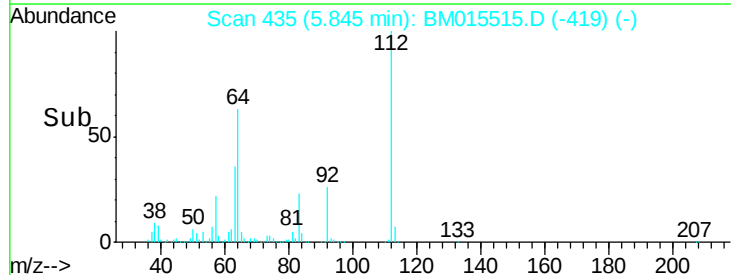
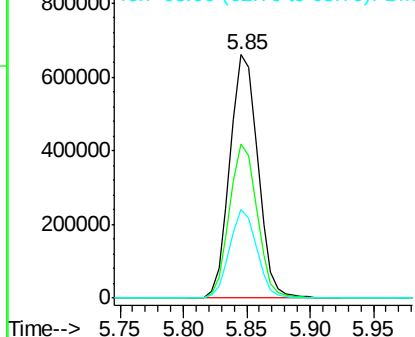


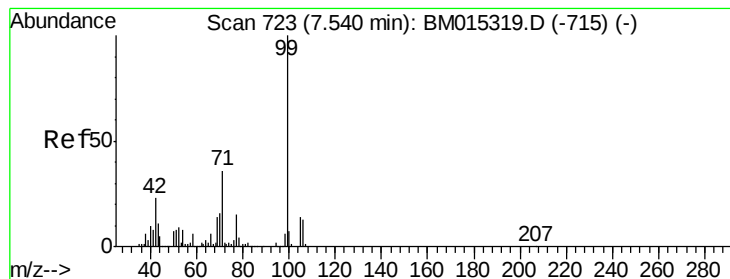
#5
 2-Fluorophenol
 Concen: 124.889 ng
 RT: 5.85 min Scan# 435
 Delta R.T. -0.01 min
 Lab File: BM015515.D
 Acq: 07 Jun 2018 07:44

Tgt Ion:112 Resp: 1009760
 Ion Ratio Lower Upper
 112 100
 64 63.1 38.6 57.8#
 63 36.3 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: 97.610 ng

RT: 7.50 min Scan# 716

Delta R.T. -0.01 min

Lab File: BM015515.D

Acq: 07 Jun 2018 07:44

Instrument :

BNA_M

ClientSampleId :

A&M-SOIL

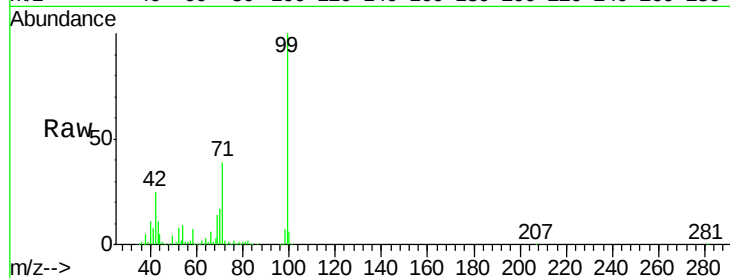
Tot Ion: 99 Resp: 1192826

Ion Ratio Lower Upper

99 100

42 24.7 11.0 16.4#

71 38.7 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM015515.D (-715) (-)

Ion 42.00 (41.70 to 42.70): BM015515.D (-715) (-)

Ion 71.00 (70.70 to 71.70): BM015515.D (-715) (-)

1000000

800000

600000

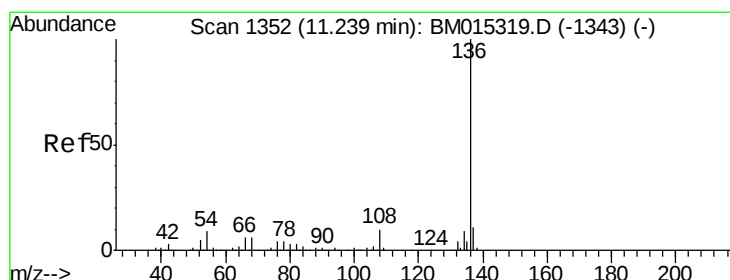
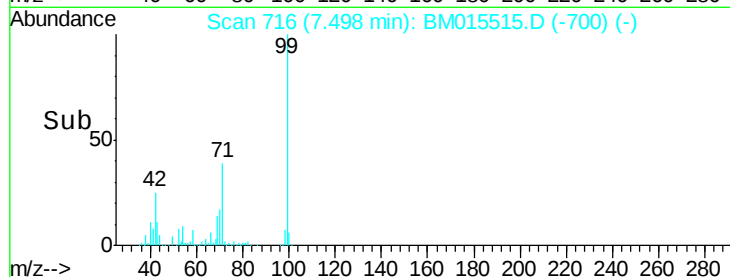
400000

200000

0

7.40 7.45 7.50 7.55 7.60

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.19 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BM015515.D

Acq: 07 Jun 2018 07:44

Tgt Ion: 136 Resp: 511280

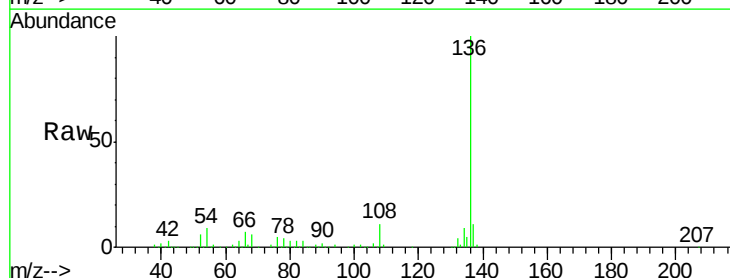
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 8.7 4.6 6.8#

68 5.6 3.7 5.5#



Abundance Ion 136.00 (135.70 to 136.70): BM015515.D (-1327) (-)

Ion 137.00 (136.70 to 137.70): BM015515.D (-1327) (-)

Ion 54.00 (53.70 to 54.70): BM015515.D (-1327) (-)

Ion 68.00 (67.70 to 68.70): BM015515.D (-1327) (-)

400000

300000

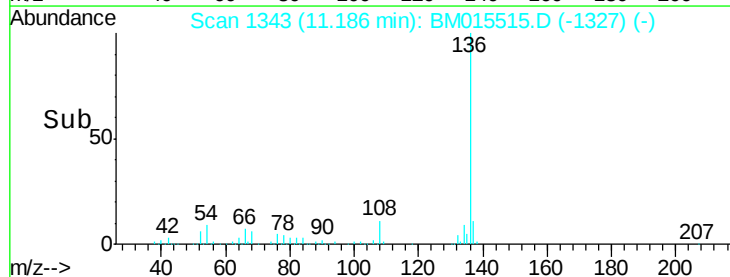
200000

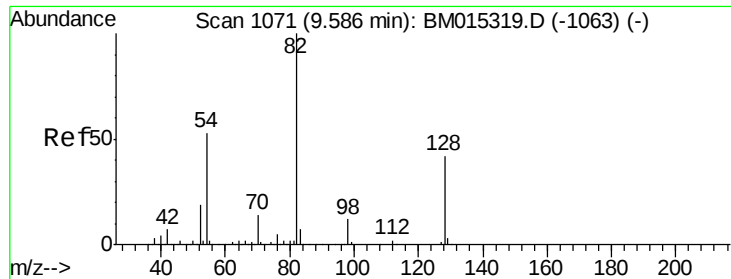
100000

0

11.10 11.20

Time-->



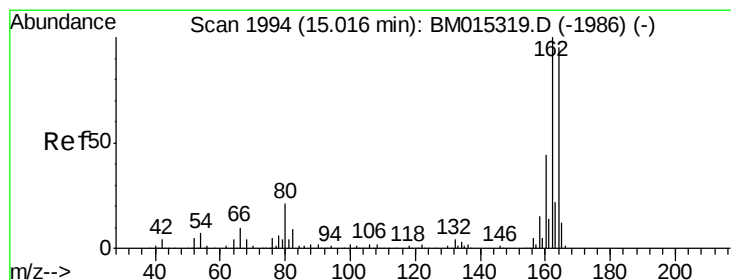
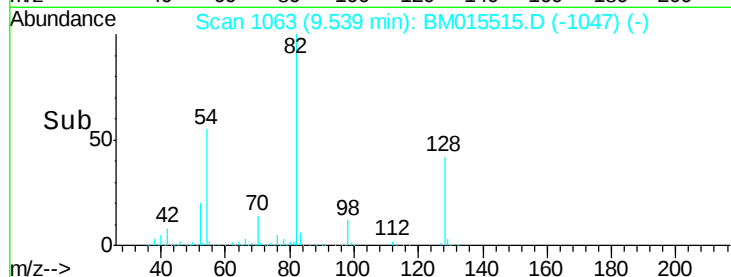
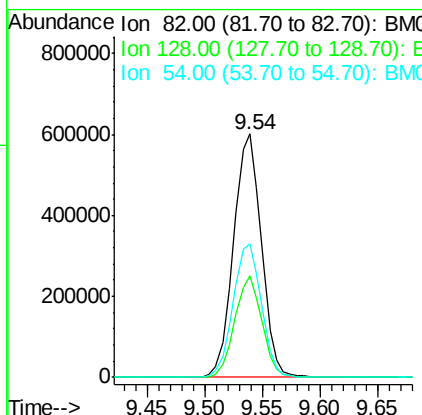
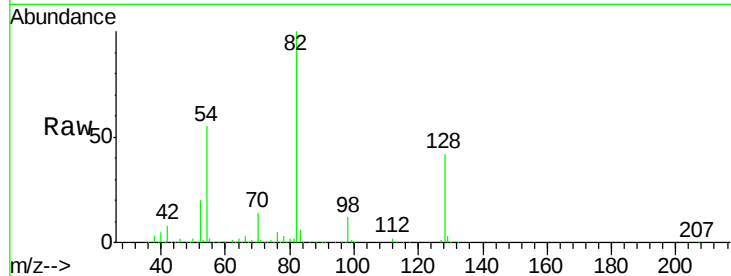


#23
 Nitrobenzene-d5
 Concen: 106.935 ng
 RT: 9.54 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BM015515.D
 Acq: 07 Jun 2018 07:44

Instrument :
 BNA_M
 ClientSampled :
 A&M-SOIL

Tot Ion: 82 Resp: 1005160

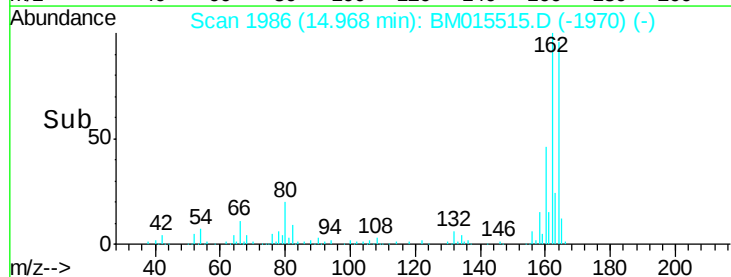
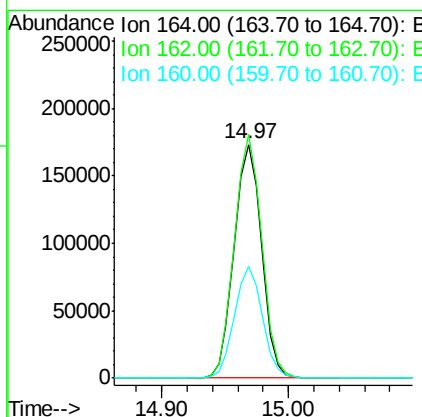
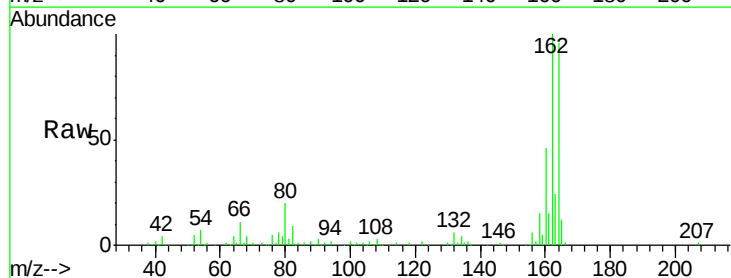
Ion	Ratio	Lower	Upper
82	100		
128	41.7	32.8	49.2
54	54.8	40.6	60.8

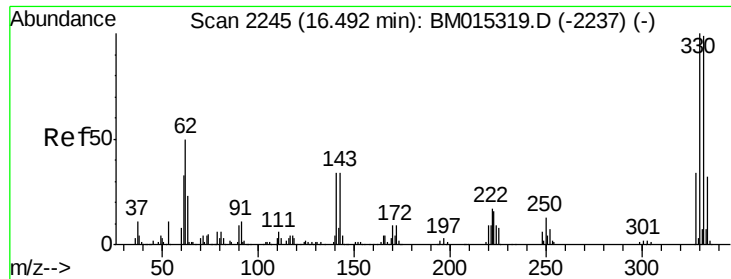


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.97 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BM015515.D
 Acq: 07 Jun 2018 07:44

Tgt Ion: 164 Resp: 259112

Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.4	123.6
160	47.8	35.8	53.6

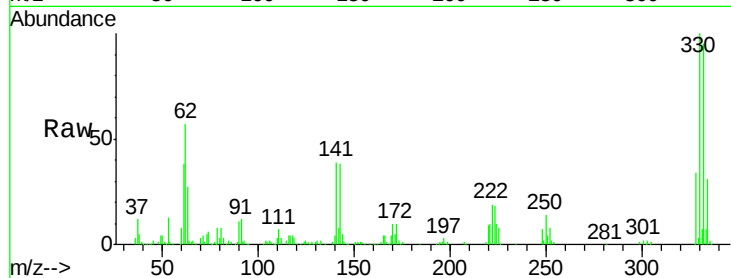




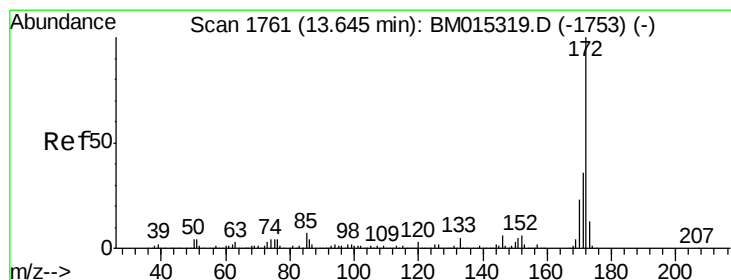
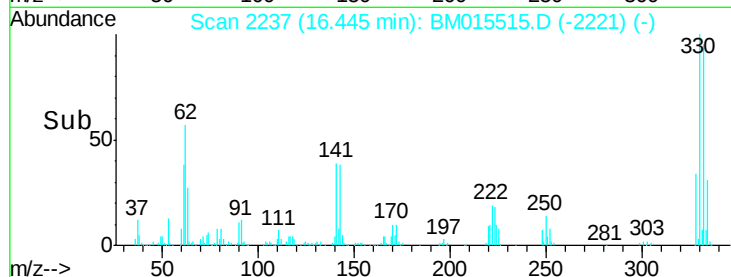
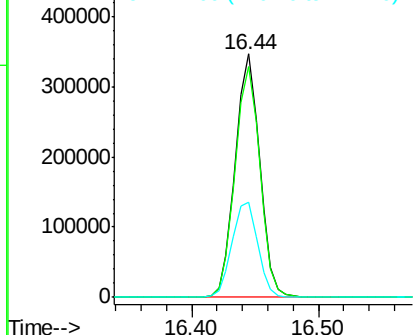
#41
 2,4,6-Tribromophenol
 Concen: 124.572 ng
 RT: 16.44 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BM015515.D
 Acq: 07 Jun 2018 07:44

Instrument :
 BNA_M
 ClientSampleId :
 A&M-SOIL

Tot Ion:330 Resp: 463860
 Ion Ratio Lower Upper
 330 100
 332 96.4 0.0 0.0#
 141 41.0 0.0 0.0#

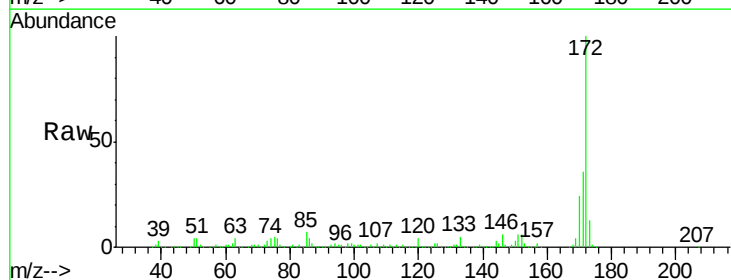


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

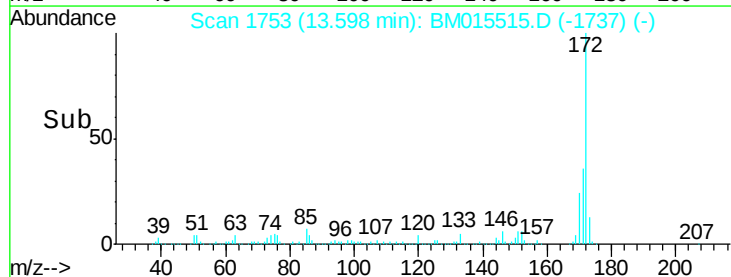
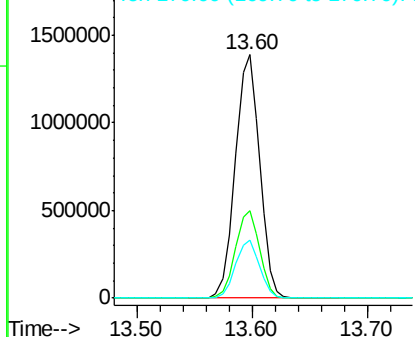


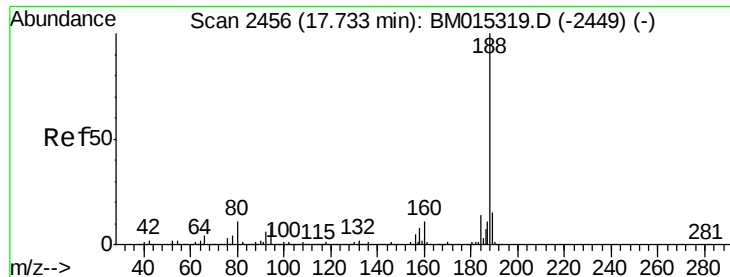
#44
 2-Fluorobiphenyl
 Concen: 104.804 ng
 RT: 13.60 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BM015515.D
 Acq: 07 Jun 2018 07:44

Tgt Ion:172 Resp: 2022537
 Ion Ratio Lower Upper
 172 100
 171 35.9 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

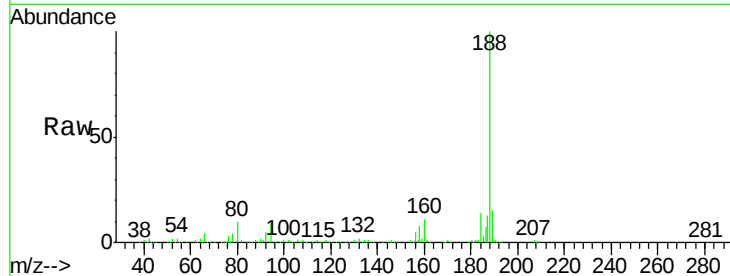




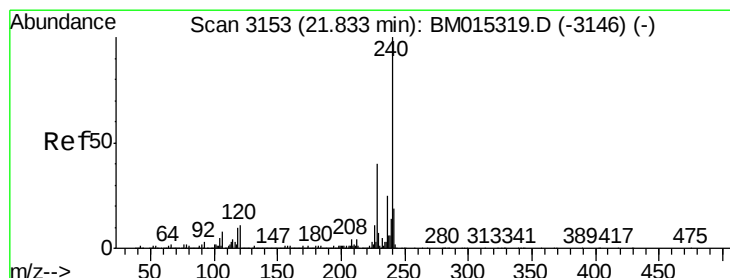
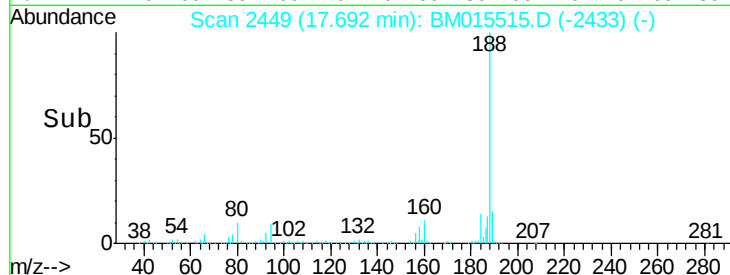
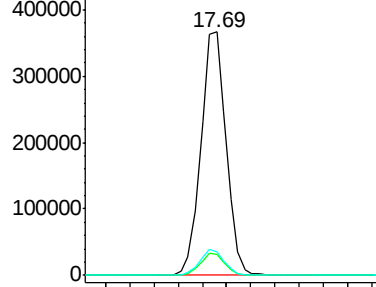
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.69 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BM015515.D
Acq: 07 Jun 2018 07:44

Instrument :
BNA_M
ClientSampleId :
A&M-SOIL

Tot Ion:188 Resp: 532607
Ion Ratio Lower Upper
188 100
94 8.6 8.7 13.1#
80 9.7 9.3 13.9

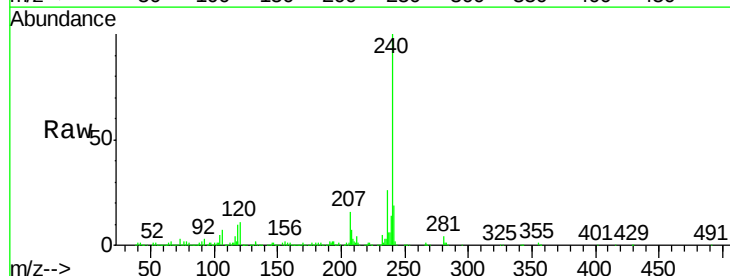


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

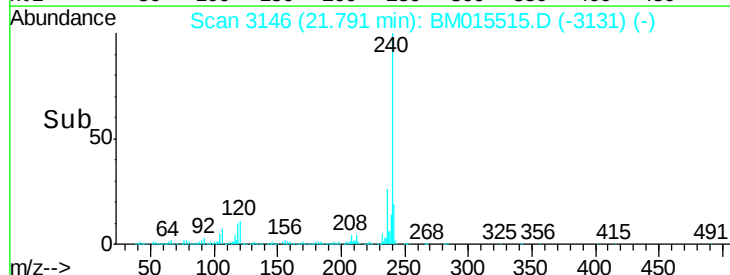
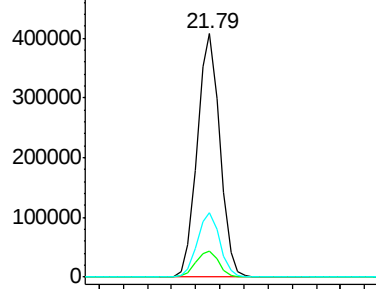


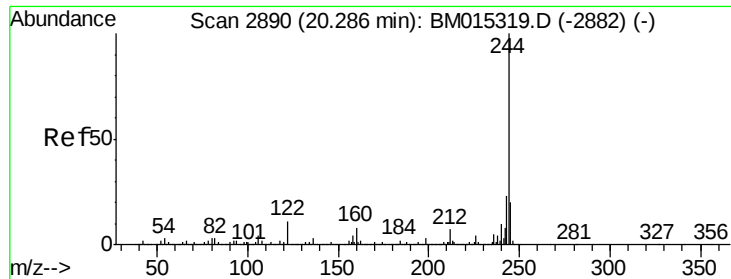
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BM015515.D
Acq: 07 Jun 2018 07:44

Tgt Ion:240 Resp: 530829
Ion Ratio Lower Upper
240 100
120 10.6 8.2 12.2
236 26.3 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: 124.319 ng

RT: 20.24 min Scan# 2883

Delta R.T. -0.01 min

Lab File: BM015515.D

Acq: 07 Jun 2018 07:44

Instrument :

BNA_M

ClientSampleId :

A&M-SOIL

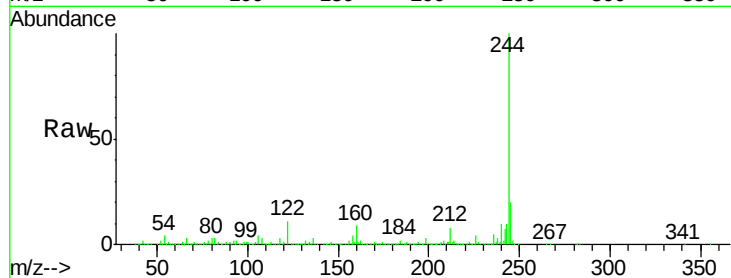
Tot Ion:244 Resp: 2859061

Ion Ratio Lower Upper

244 100

212 7.6 4.9 7.3#

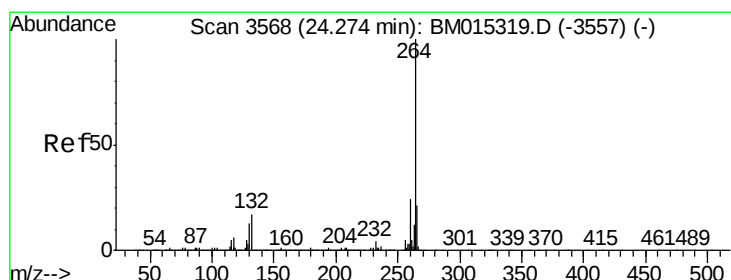
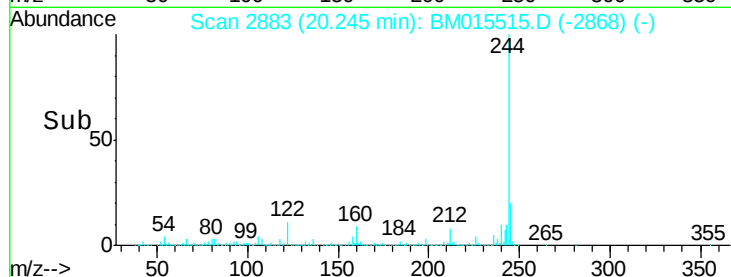
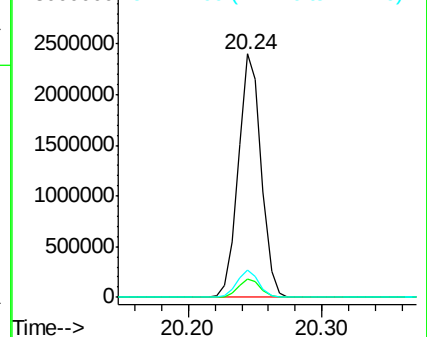
122 11.4 6.2 9.4#



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: 24.21 min Scan# 3557

Delta R.T. -0.02 min

Lab File: BM015515.D

Acq: 07 Jun 2018 07:44

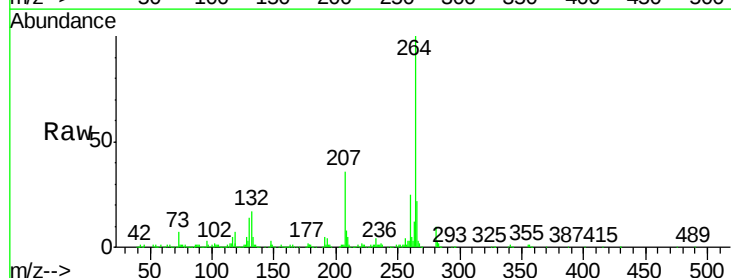
Tgt Ion:264 Resp: 557401

Ion Ratio Lower Upper

264 100

260 24.7 18.6 27.8

265 22.0 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

