

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060618\
 Data File : BM015501.D
 Acq On : 06 Jun 2018 22:25
 Operator : SJ/JU
 Sample : J3304-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FS-SOIL

Quant Time: Jun 07 03:19:07 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	8.36	152	147551	20.00	ng	0.00
21) Naphthalene-d8	11.19	136	552597	20.00	ng	0.00
38) Acenaphthene-d10	14.97	164	283853	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	619308	20.00	ng	0.00
75) Chrysene-d12	21.79	240	624536	20.00	ng	-0.01
86) Perylene-d12	24.21	264	653784	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	1040118	119.91	ng	0.00
7) Phenol-d6	7.50	99	1189376	90.72	ng	0.00
23) Nitrobenzene-d5	9.54	82	1018269	100.23	ng	0.00
41) 2,4,6-Tribromophenol	16.45	330	531050	130.19	ng	0.00
44) 2-Fluorobiphenyl	13.60	172	2086458	98.69	ng	0.00
78) Terphenyl-d14	20.25	244	3012843	111.35	ng	0.00

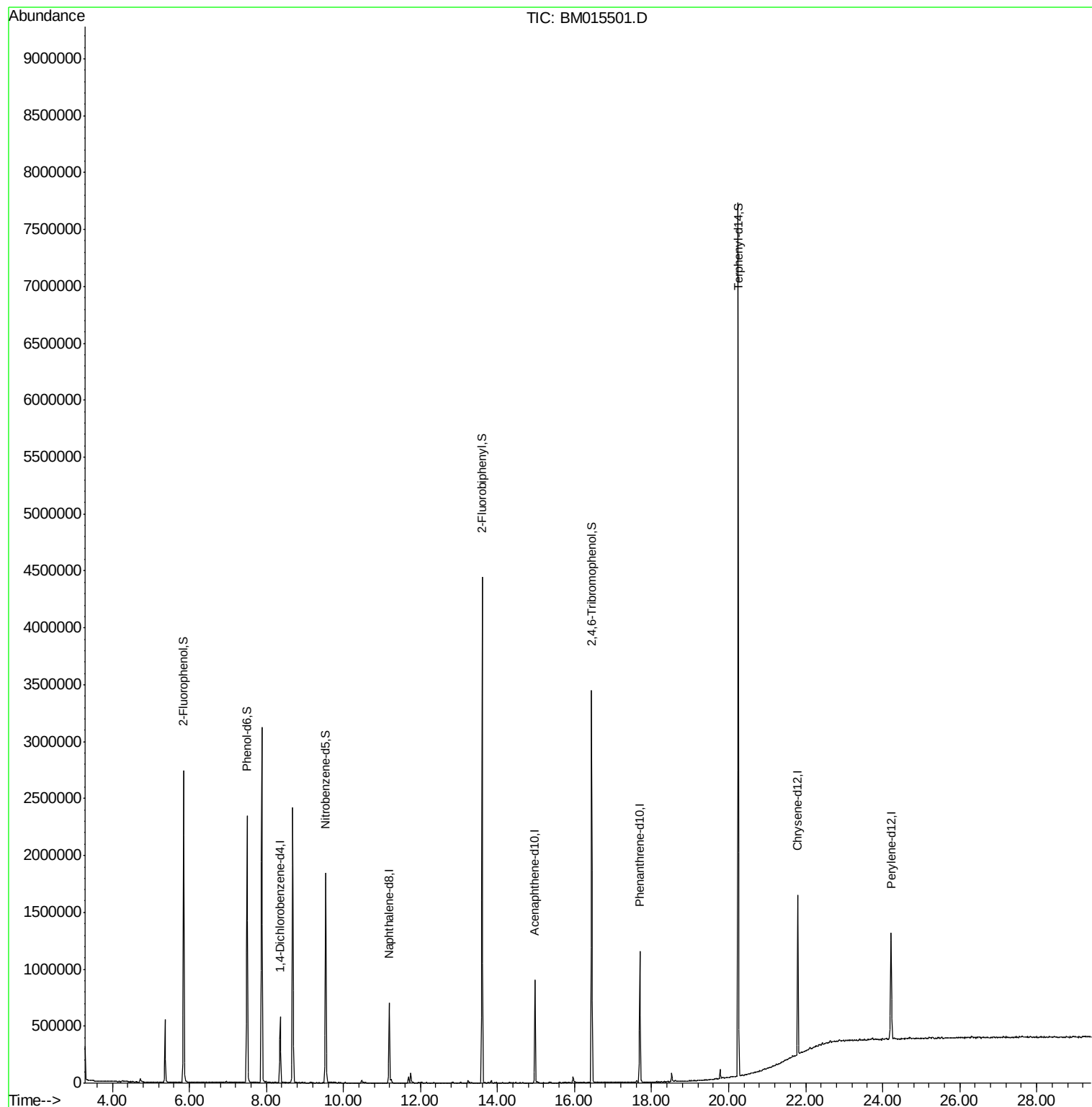
Target Compounds Qvalue

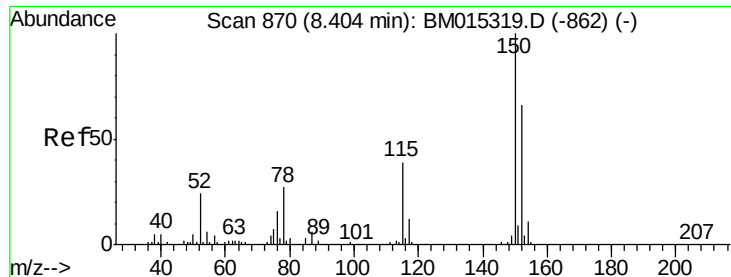
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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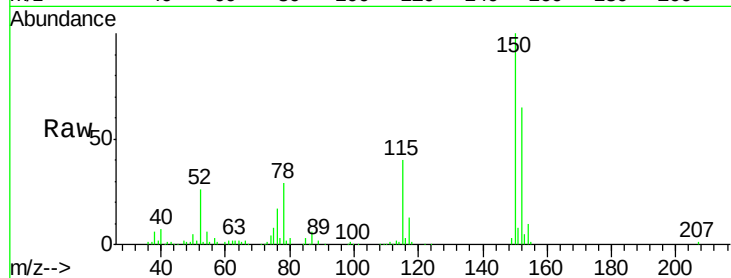


#1

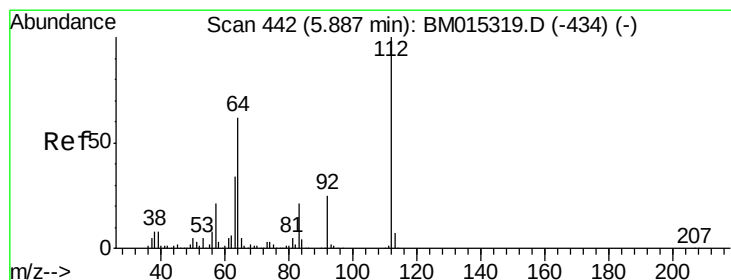
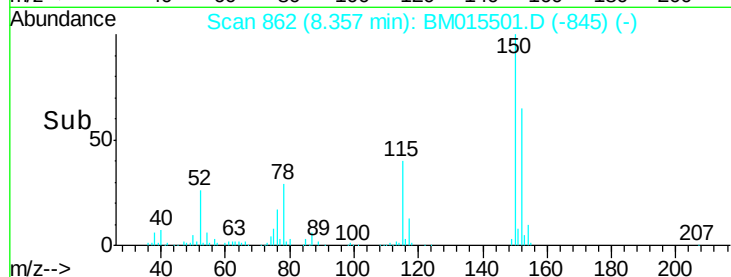
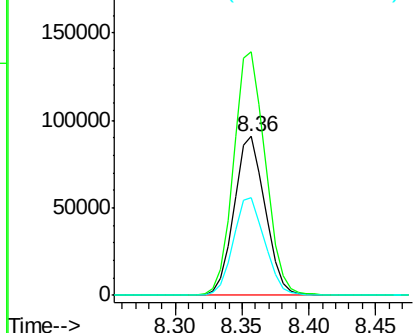
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.36 min Scan# 862
Delta R.T. -0.00 min
Lab File: BM015501.D
Acq: 06 Jun 2018 22:25

Instrument :
BNA_M
ClientSampleId :
FS-SOIL

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	119.5	179.3
115	61.5	43.0	64.4



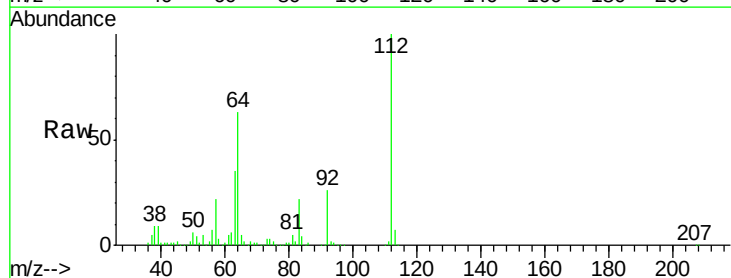
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



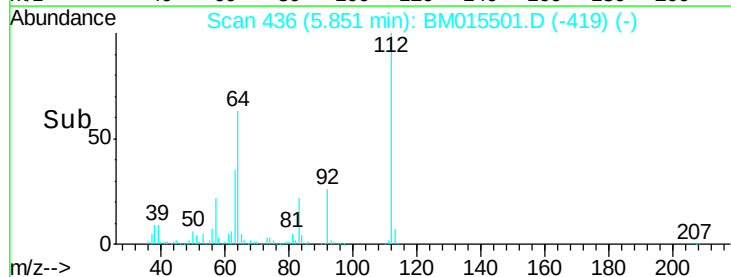
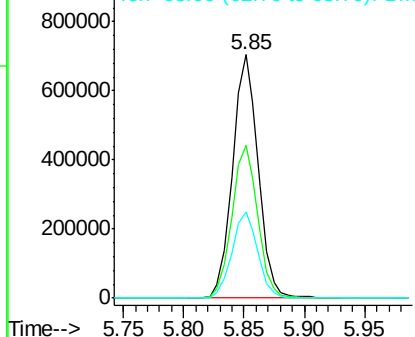
#5

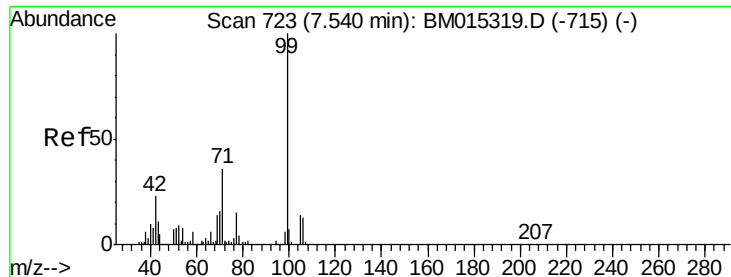
2-Fluorophenol
Concen: 119.908 ng
RT: 5.85 min Scan# 436
Delta R.T. 0.00 min
Lab File: BM015501.D
Acq: 06 Jun 2018 22:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.6	38.6	57.8#
63	35.4	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: 90.718 ng

RT: 7.50 min Scan# 716

Delta R.T. -0.01 min

Lab File: BM015501.D

Acq: 06 Jun 2018 22:25

Instrument :

BNA_M

ClientSampleId :

FS-SOIL

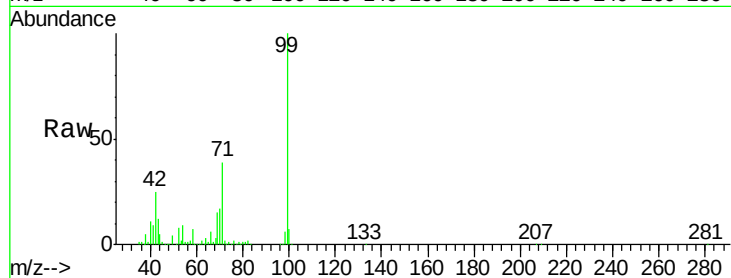
Tot Ion: 99 Resp: 1189376

Ion Ratio Lower Upper

99 100

42 25.5 11.0 16.4#

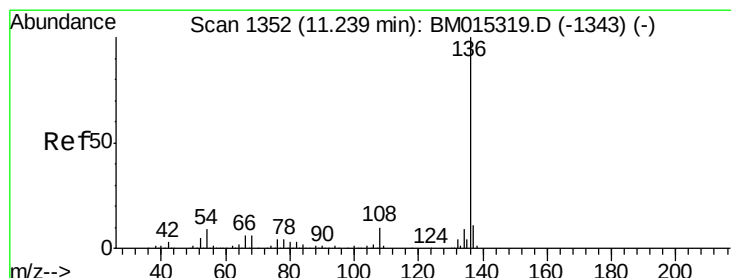
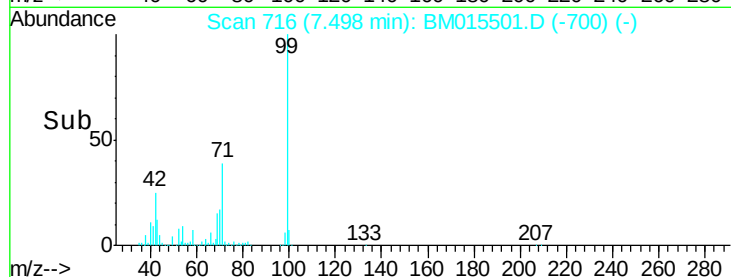
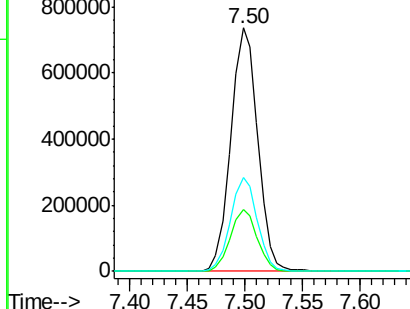
71 38.7 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM015501.D (-715) (-)

Ion 42.00 (41.70 to 42.70): BM015501.D (-715) (-)

Ion 71.00 (70.70 to 71.70): BM015501.D (-715) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.19 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BM015501.D

Acq: 06 Jun 2018 22:25

Tgt Ion: 136 Resp: 552597

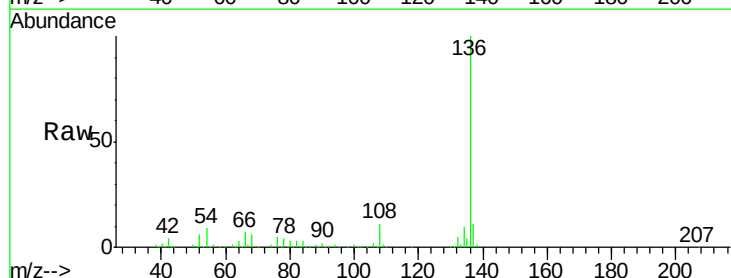
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 8.8 4.6 6.8#

68 5.8 3.7 5.5#

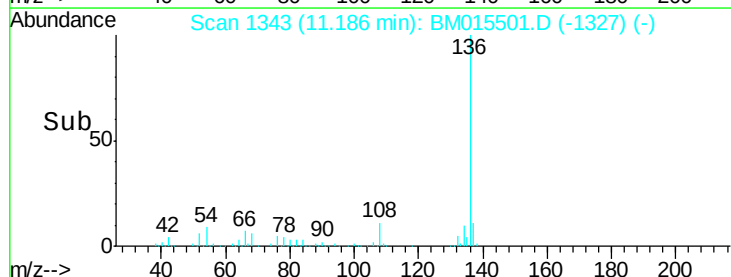
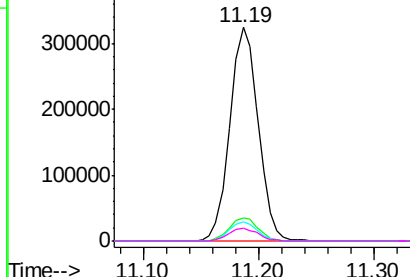


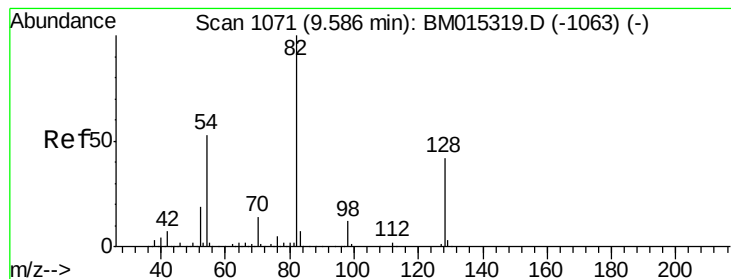
Abundance Ion 136.00 (135.70 to 136.70): BM015501.D (-1327) (-)

Ion 137.00 (136.70 to 137.70): BM015501.D (-1327) (-)

Ion 54.00 (53.70 to 54.70): BM015501.D (-1327) (-)

Ion 68.00 (67.70 to 68.70): BM015501.D (-1327) (-)





#23

Nitrobenzene-d5

Concen: 100.230 ng

RT: 9.54 min Scan# 1063

Delta R.T. -0.01 min

Lab File: BM015501.D

Acq: 06 Jun 2018 22:25

Instrument :

BNA_M

ClientSampleId :

FS-SOIL

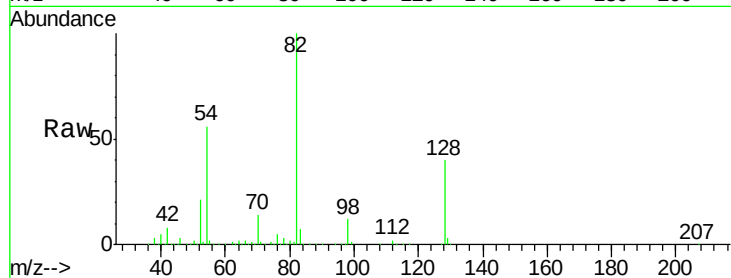
Tot Ion: 82 Resp: 1018269

Ion Ratio Lower Upper

82 100

128 40.3 32.8 49.2

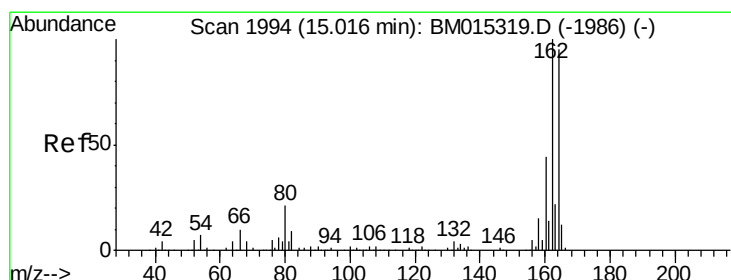
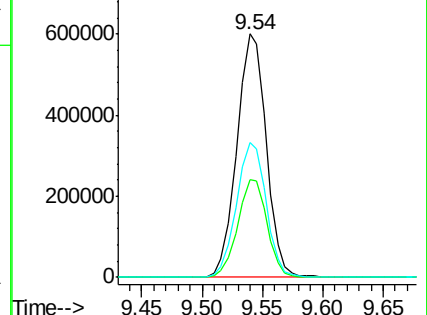
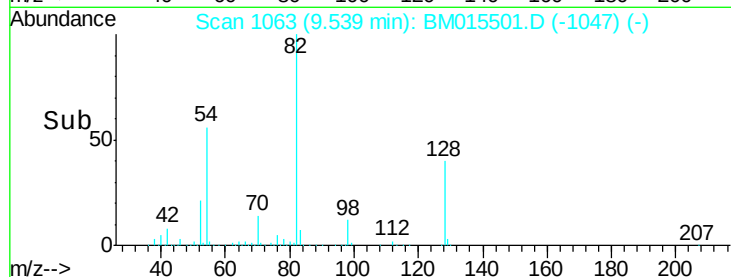
54 55.6 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM015501.D (-1063) (-)

Ion 128.00 (127.70 to 128.70): BM015501.D (-1063) (-)

Ion 54.00 (53.70 to 54.70): BM015501.D (-1063) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.97 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BM015501.D

Acq: 06 Jun 2018 22:25

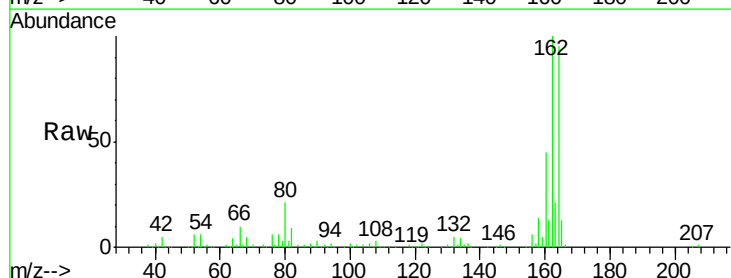
Tgt Ion:164 Resp: 283853

Ion Ratio Lower Upper

164 100

162 105.7 82.4 123.6

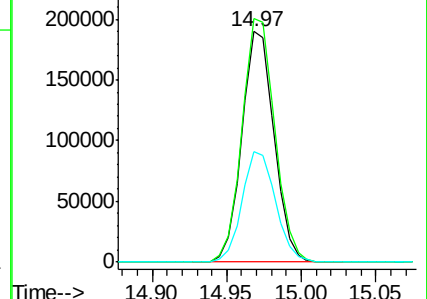
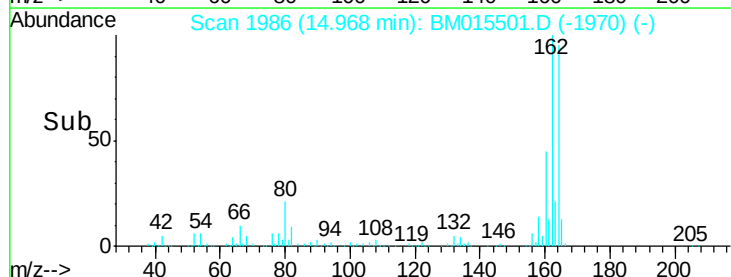
160 47.9 35.8 53.6

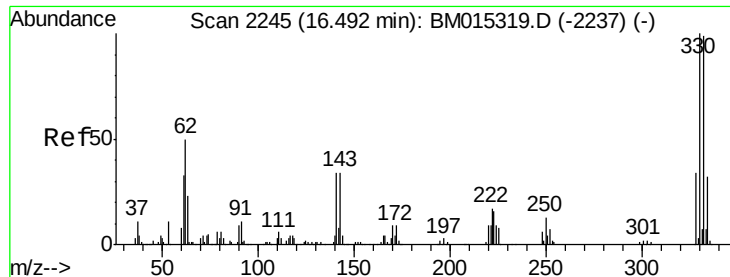


Abundance Ion 164.00 (163.70 to 164.70): BM015501.D (-1970) (-)

Ion 162.00 (161.70 to 162.70): BM015501.D (-1970) (-)

Ion 160.00 (159.70 to 160.70): BM015501.D (-1970) (-)

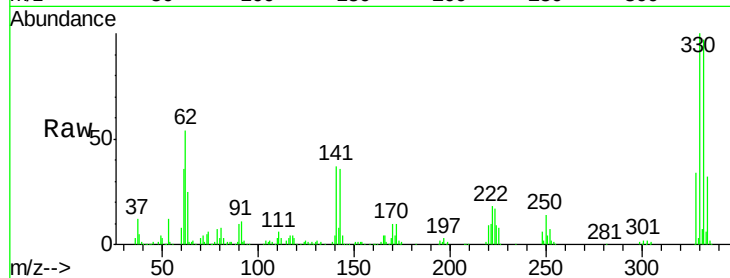




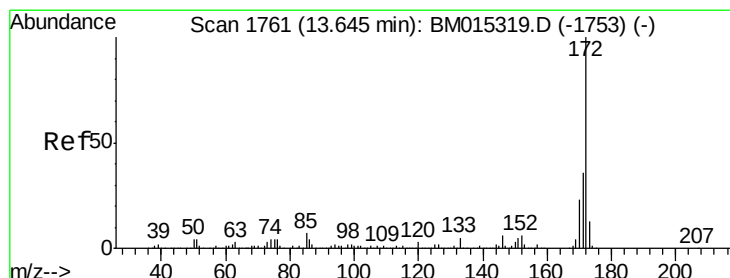
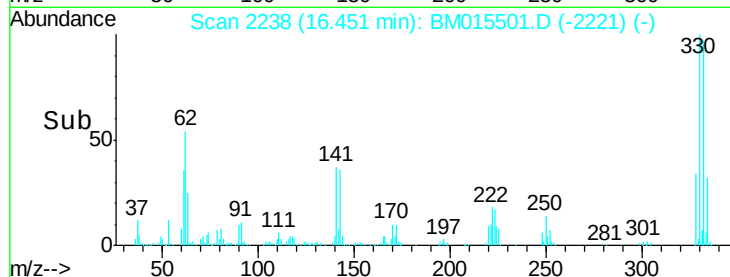
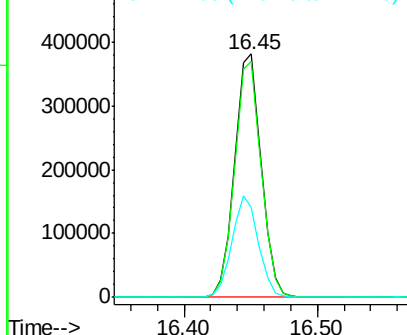
#41
 2,4,6-Tribromophenol
 Concen: 130.185 ng
 RT: 16.45 min Scan# 2238
 Delta R.T. 0.00 min
 Lab File: BM015501.D
 Acq: 06 Jun 2018 22:25

Instrument :
 BNA_M
 ClientSampleId :
 FS-SOIL

Tot Ion:330 Resp: 531050
 Ion Ratio Lower Upper
 330 100
 332 96.8 0.0 0.0#
 141 41.2 0.0 0.0#

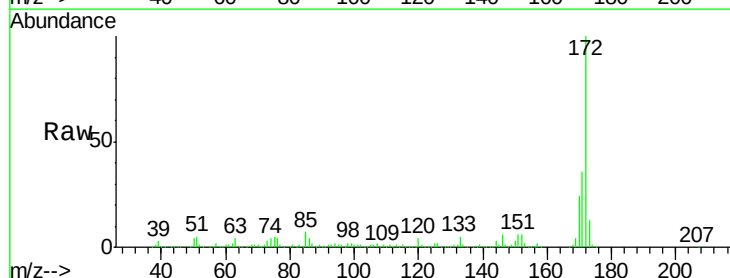


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

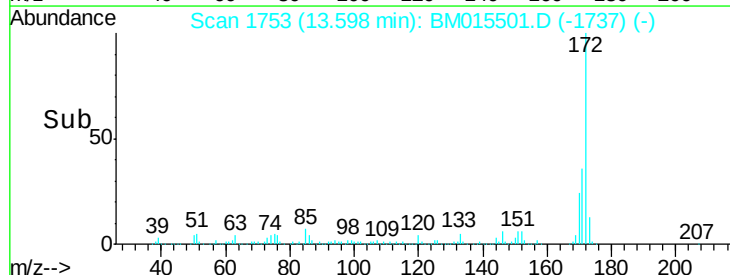
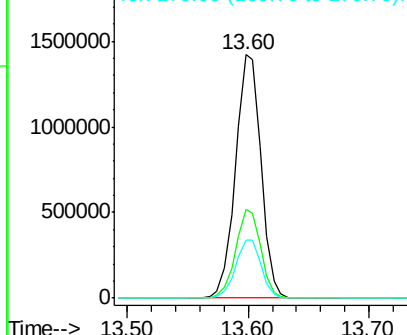


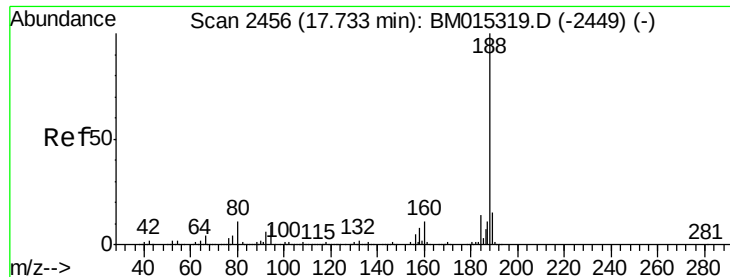
#44
 2-Fluorobiphenyl
 Concen: 98.692 ng
 RT: 13.60 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BM015501.D
 Acq: 06 Jun 2018 22:25

Tgt Ion:172 Resp: 2086458
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.5 42.7
 170 23.9 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

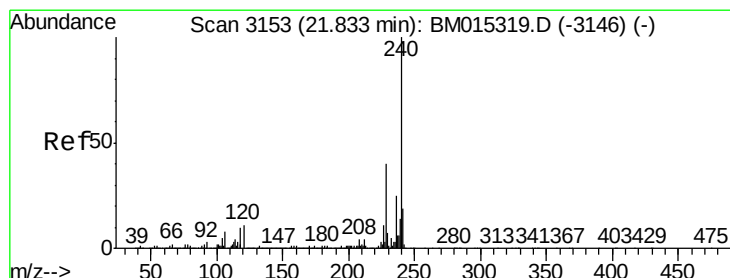
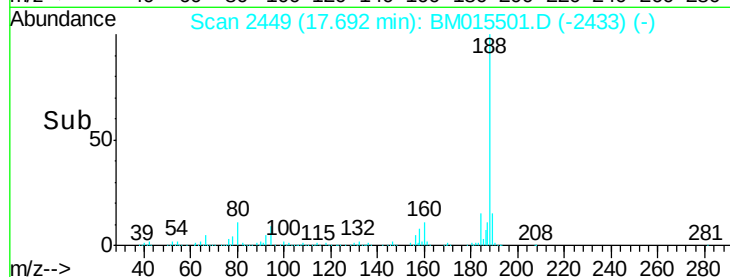
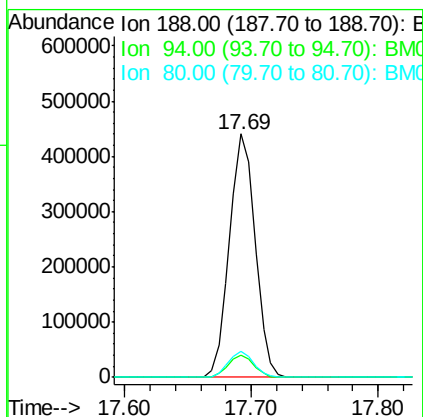
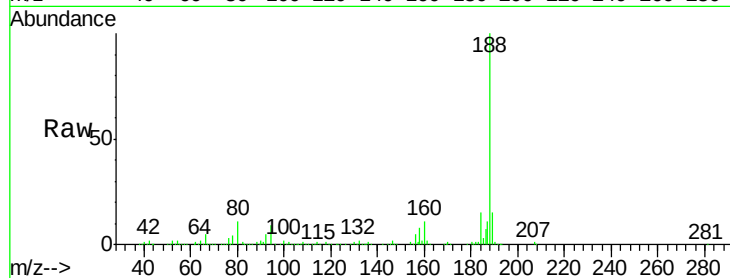




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.69 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BM015501.D
Acq: 06 Jun 2018 22:25

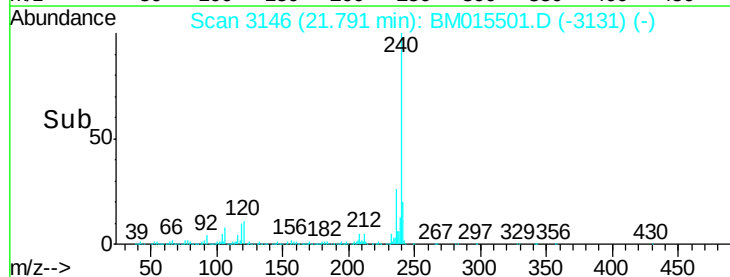
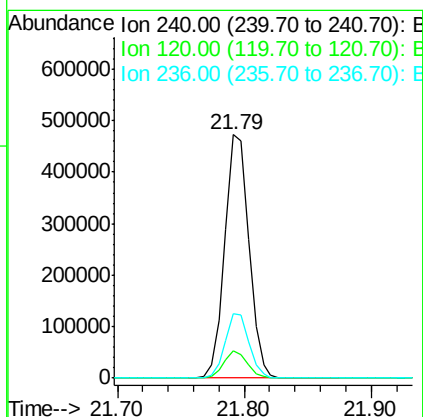
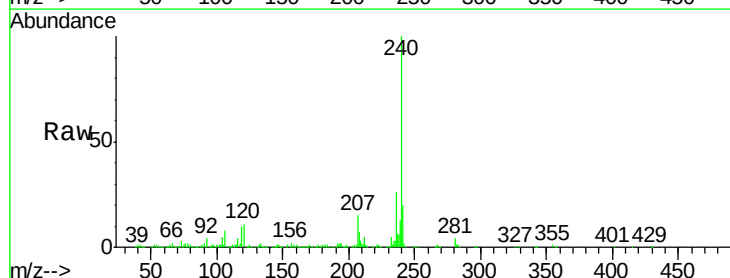
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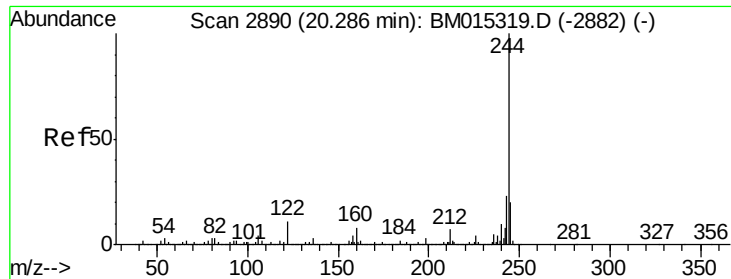
Tot Ion:188 Resp: 619308
Ion Ratio Lower Upper
188 100
94 9.1 8.7 13.1
80 10.7 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BM015501.D
Acq: 06 Jun 2018 22:25

Tgt Ion:240 Resp: 624536
Ion Ratio Lower Upper
240 100
120 11.0 8.2 12.2
236 26.4 20.0 30.0

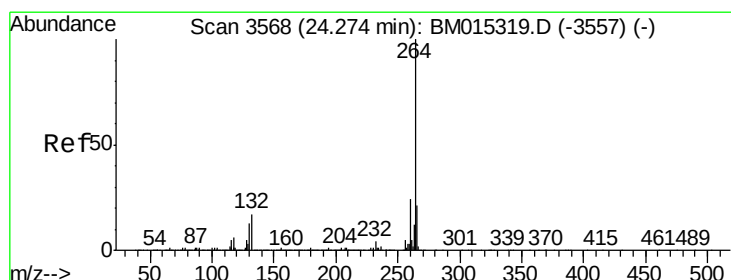
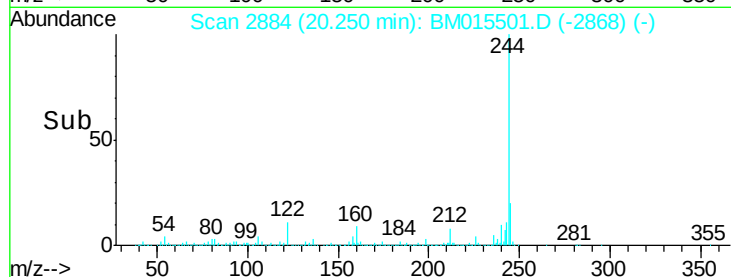
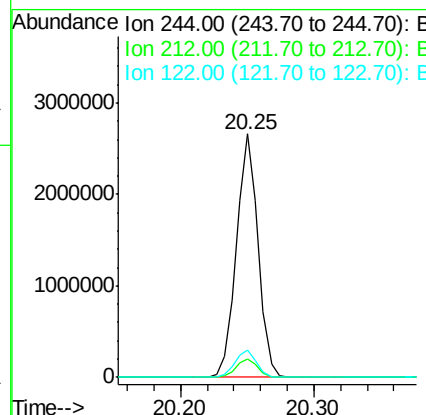
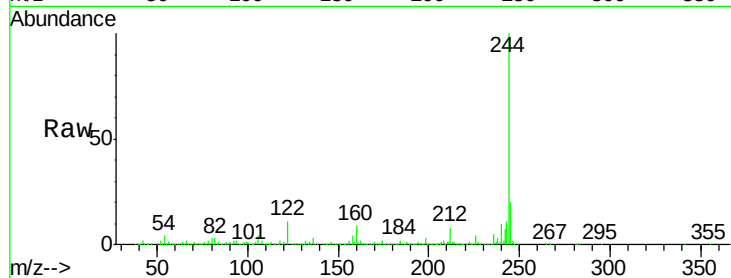




#78
 Terphenyl-d14
 Concen: 111.349 ng
 RT: 20.25 min Scan# 2884
 Delta R.T. -0.01 min
 Lab File: BM015501.D
 Acq: 06 Jun 2018 22:25

Instrument :
 BNA_M
 ClientSampleId :
 FS-SOIL

Tot Ion:244 Resp: 3012843
 Ion Ratio Lower Upper
 244 100
 212 7.5 4.9 7.3#
 122 11.1 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.21 min Scan# 3558
 Delta R.T. -0.01 min
 Lab File: BM015501.D
 Acq: 06 Jun 2018 22:25

Tgt Ion:264 Resp: 653784
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 27.8
 265 22.5 17.3 25.9

