

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060618\
 Data File : BM015500.D
 Acq On : 06 Jun 2018 21:48
 Operator : SJ/JU
 Sample : J2309-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OILY-CONCRETE

Quant Time: Jun 07 03:19:00 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	129669	20.00	ng	0.00
21) Naphthalene-d8	11.19	136	480459	20.00	ng	0.00
38) Acenaphthene-d10	14.97	164	248708	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	536199	20.00	ng	0.00
75) Chrysene-d12	21.80	240	546865	20.00	ng	0.00
86) Perylene-d12	24.21	264	569269	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	1056035	138.53	ng	0.00
7) Phenol-d6	7.50	99	1234448	107.14	ng	0.00
23) Nitrobenzene-d5	9.54	82	978468	110.77	ng	0.00
41) 2,4,6-Tribromophenol	16.45	330	526489	147.31	ng	0.00
44) 2-Fluorobiphenyl	13.60	172	1982993	107.05	ng	0.00
78) Terphenyl-d14	20.25	244	3009662	127.03	ng	0.00

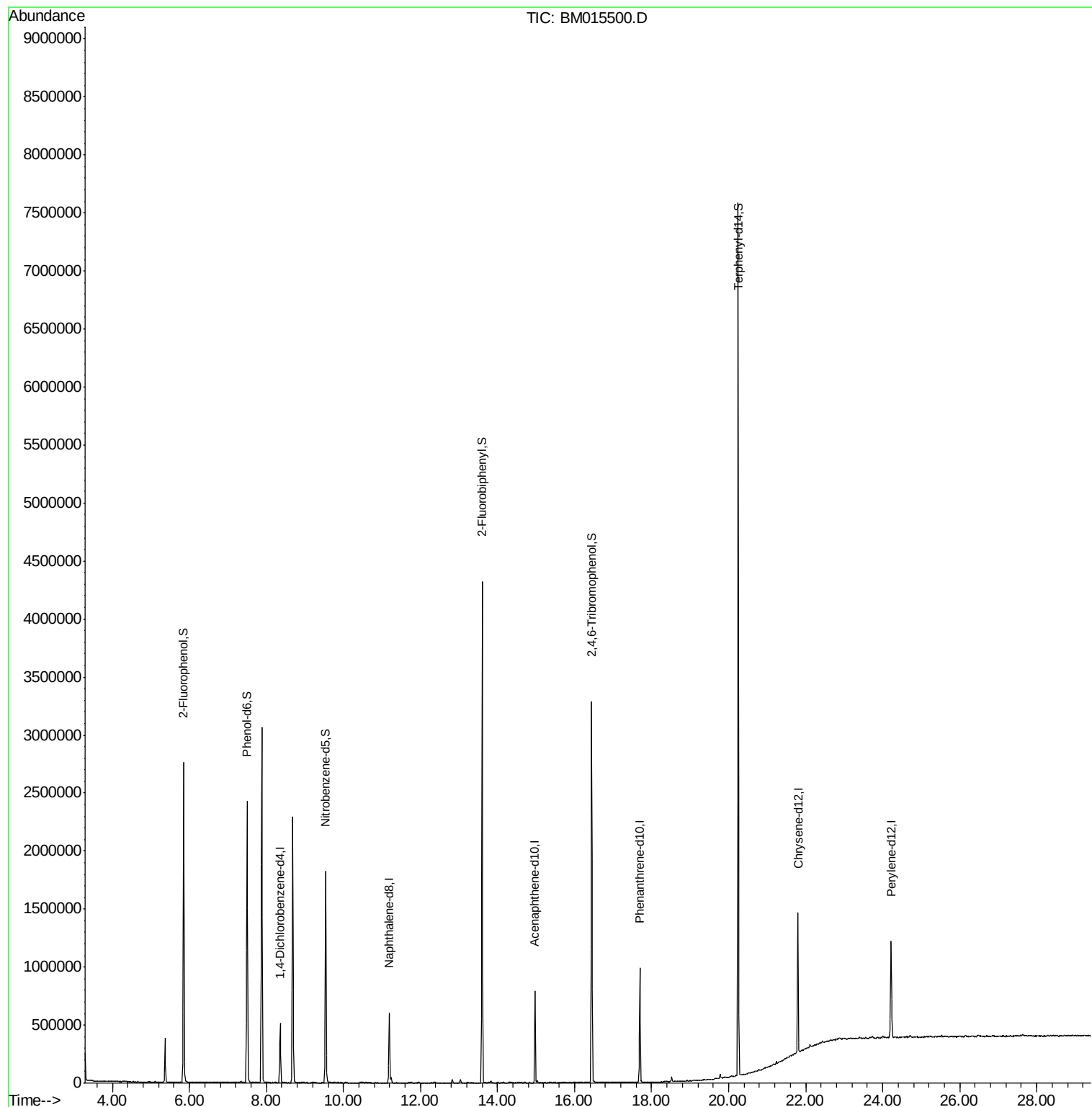
Target Compounds Qvalue

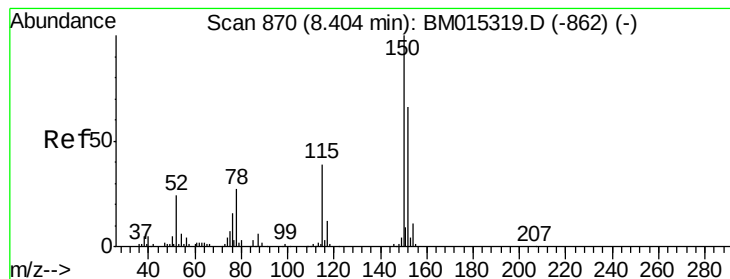
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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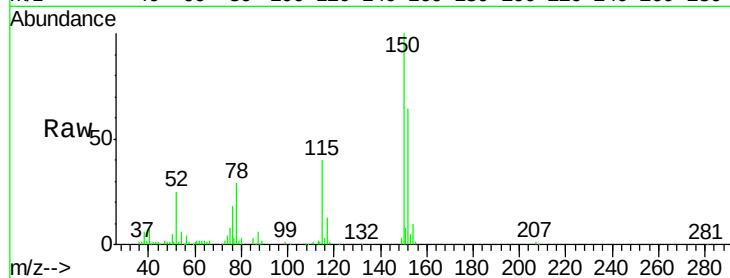


#1

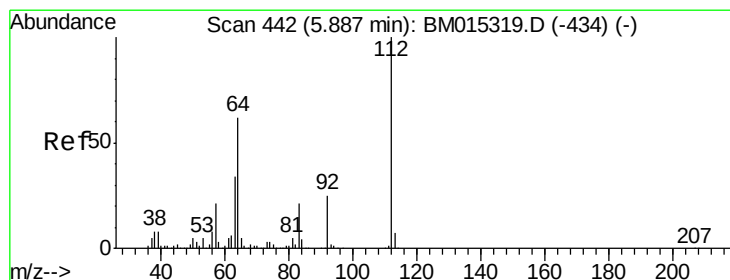
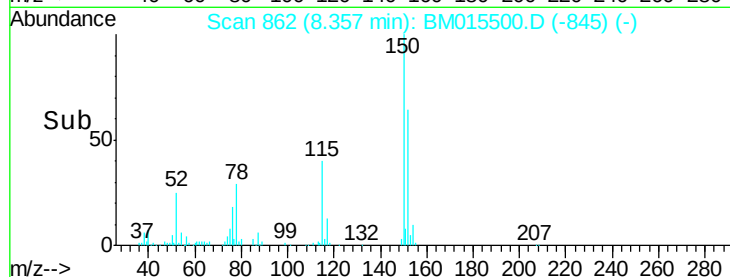
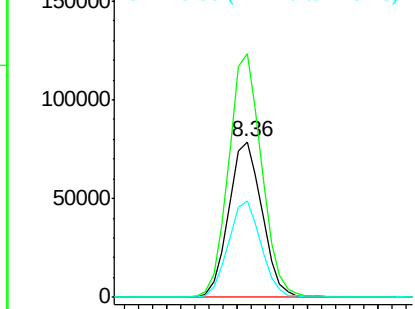
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.36 min Scan# 862
Delta R.T. 0.00 min
Lab File: BM015500.D
Acq: 06 Jun 2018 21:48

Instrument :
BNA_M
ClientSampleId :
OILY-CONCRETE

Tot Ion:152 Resp: 129669
Ion Ratio Lower Upper
152 100
150 156.2 119.5 179.3
115 62.0 43.0 64.4



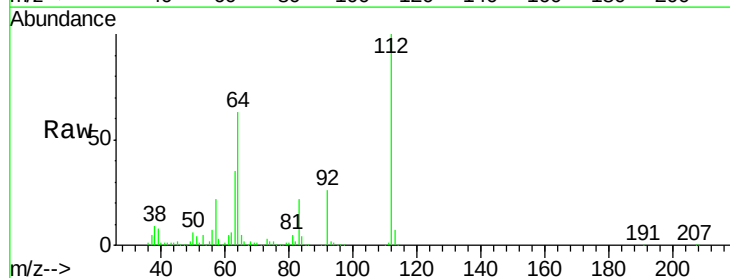
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



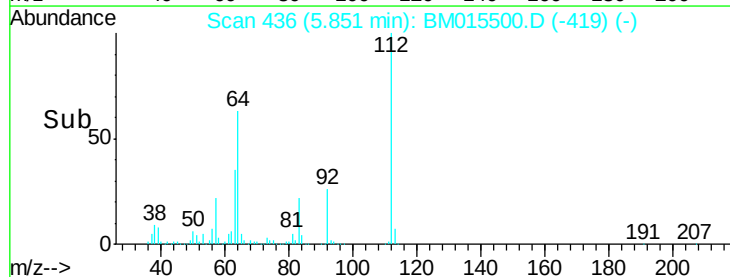
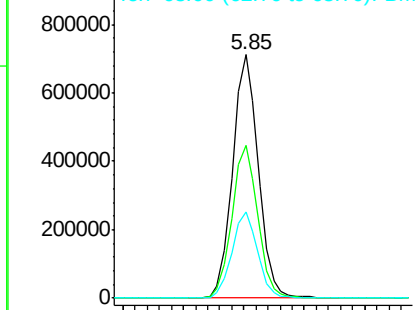
#5

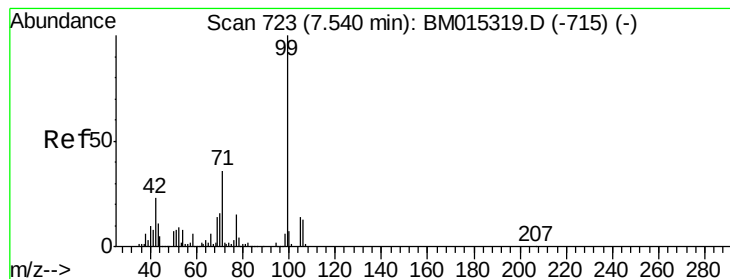
2-Fluorophenol
Concen: 138.532 ng
RT: 5.85 min Scan# 436
Delta R.T. 0.00 min
Lab File: BM015500.D
Acq: 06 Jun 2018 21:48

Tgt Ion:112 Resp: 1056035
Ion Ratio Lower Upper
112 100
64 62.7 38.6 57.8#
63 35.2 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: 107.140 ng

RT: 7.50 min Scan# 716

Delta R.T. -0.01 min

Lab File: BM015500.D

Acq: 06 Jun 2018 21:48

Instrument :

BNA_M

ClientSampleId :

OILY-CONCRETE

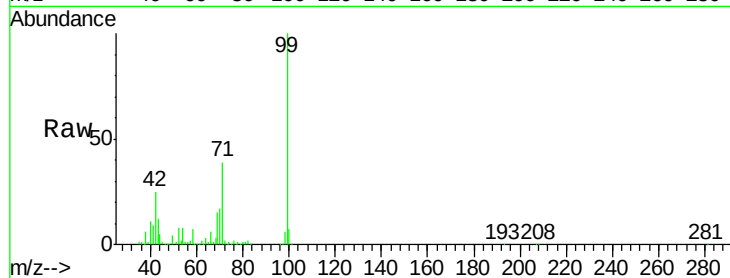
Tot Ion: 99 Resp: 1234448

Ion Ratio Lower Upper

99 100

42 24.9 11.0 16.4#

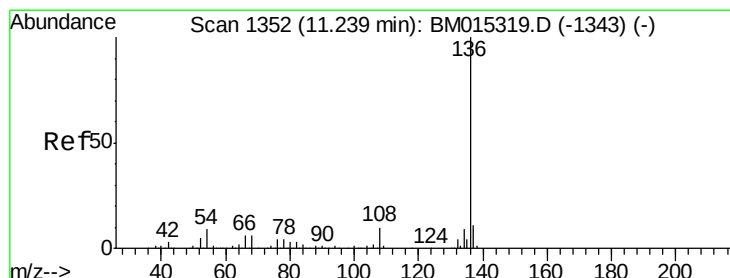
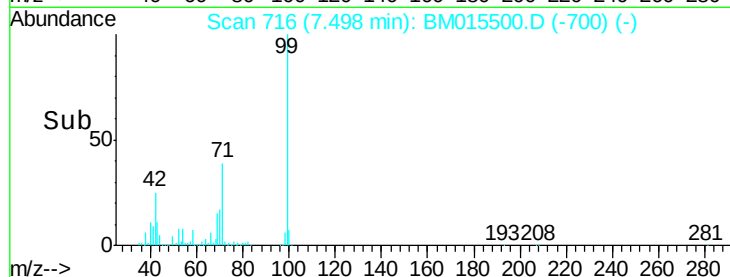
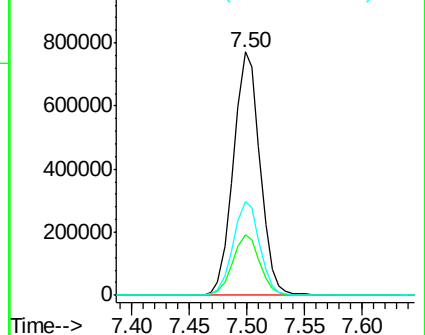
71 38.7 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM015500.D (-715) (-)

Ion 42.00 (41.70 to 42.70): BM015500.D (-715) (-)

Ion 71.00 (70.70 to 71.70): BM015500.D (-715) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.19 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BM015500.D

Acq: 06 Jun 2018 21:48

Tgt Ion: 136 Resp: 480459

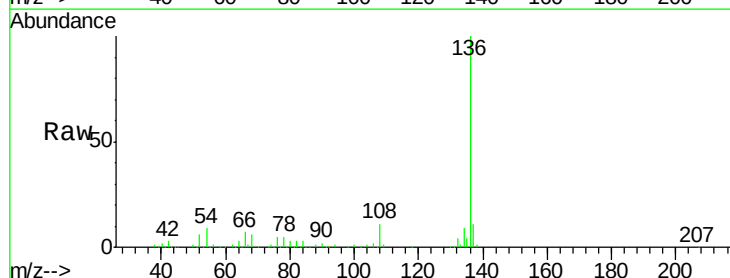
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 9.0 4.6 6.8#

68 6.2 3.7 5.5#

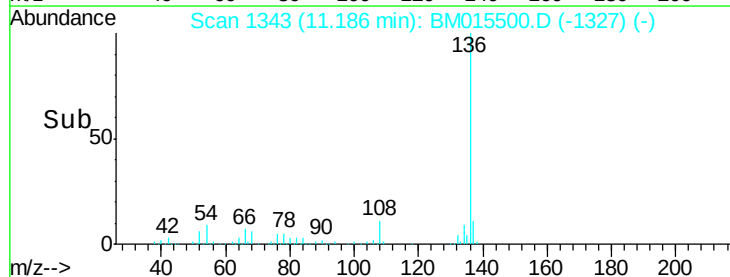
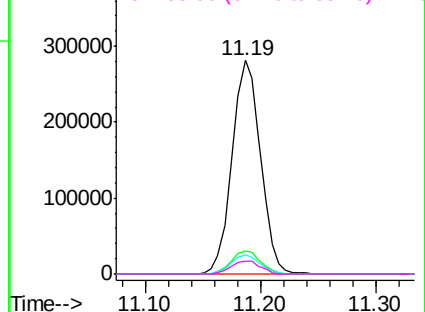


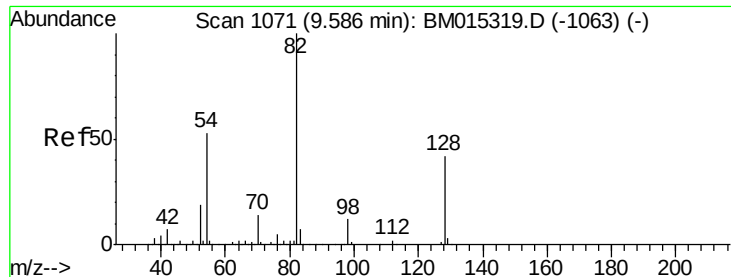
Abundance Ion 136.00 (135.70 to 136.70): BM015500.D (-1343) (-)

Ion 137.00 (136.70 to 137.70): BM015500.D (-1343) (-)

Ion 54.00 (53.70 to 54.70): BM015500.D (-1343) (-)

Ion 68.00 (67.70 to 68.70): BM015500.D (-1343) (-)

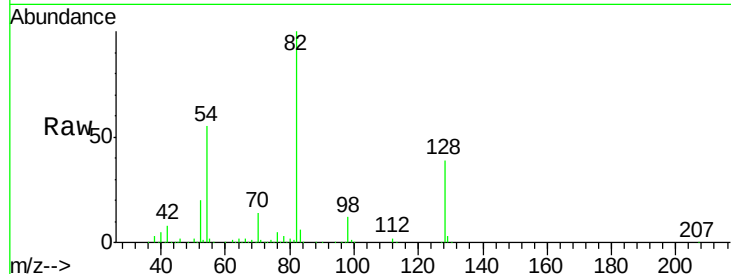




#23
Nitrobenzene-d5
Concen: 110.773 ng
RT: 9.54 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BM015500.D
Acq: 06 Jun 2018 21:48

Instrument :
BNA_M
ClientSampleId :
OILY-CONCRETE

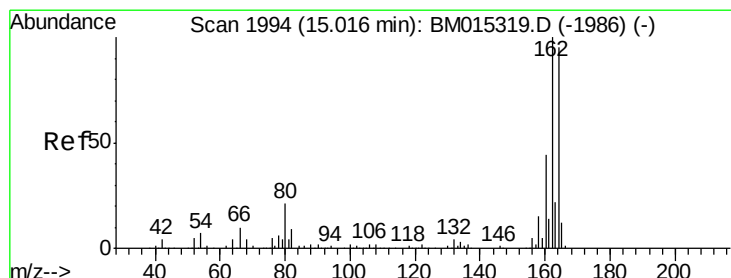
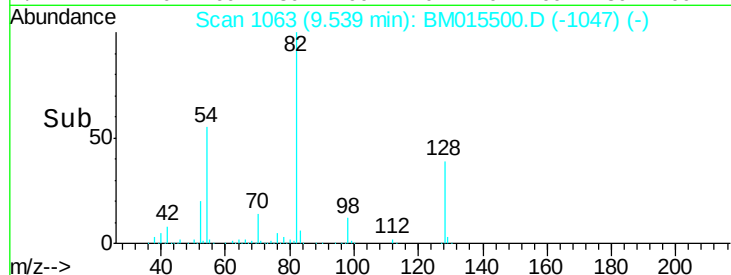
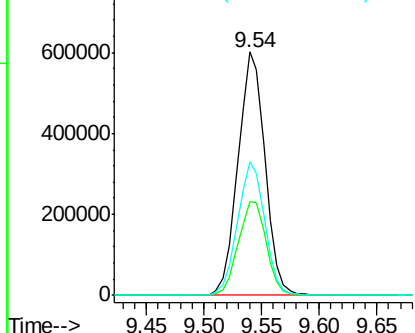
Tot Ion	82	Resp	978468
Ion Ratio	Lower	Upper	
82	100		
128	38.8	32.8	49.2
54	55.0	40.6	60.8



Abundance Ion 82.00 (81.70 to 82.70): BM015500.D (-1063) (-)

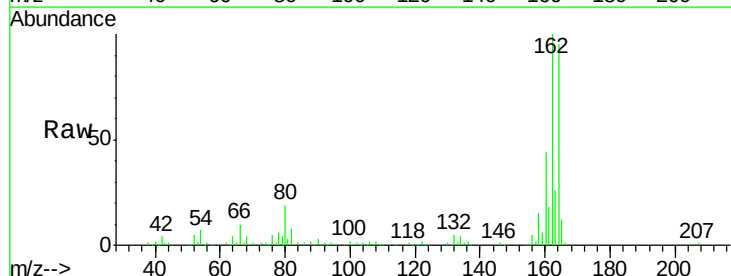
Ion 128.00 (127.70 to 128.70): BM015500.D (-1063) (-)

Ion 54.00 (53.70 to 54.70): BM015500.D (-1063) (-)



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.97 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BM015500.D
Acq: 06 Jun 2018 21:48

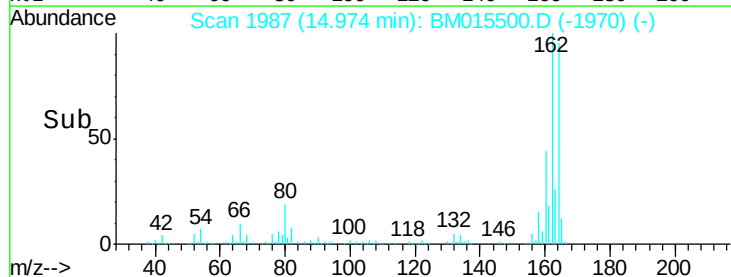
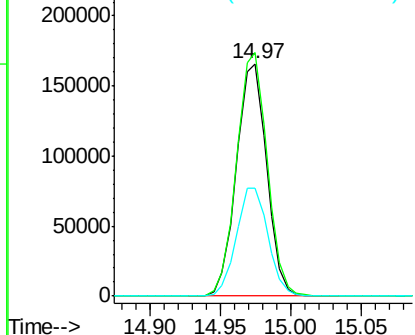
Tgt Ion	164	Resp	248708
Ion Ratio	Lower	Upper	
164	100		
162	104.9	82.4	123.6
160	46.6	35.8	53.6

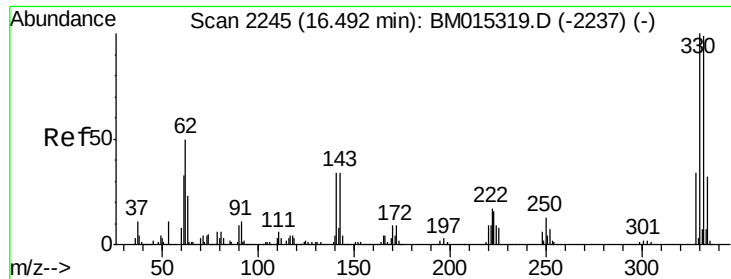


Abundance Ion 164.00 (163.70 to 164.70): BM015500.D (-1970) (-)

Ion 162.00 (161.70 to 162.70): BM015500.D (-1970) (-)

Ion 160.00 (159.70 to 160.70): BM015500.D (-1970) (-)

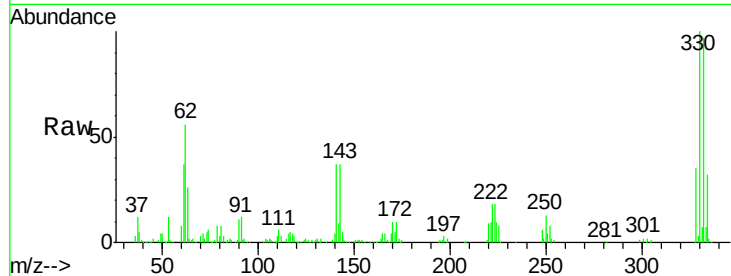




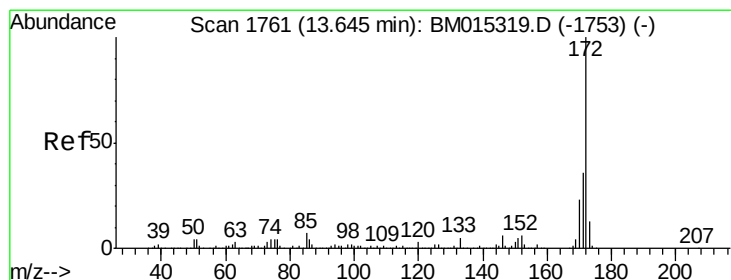
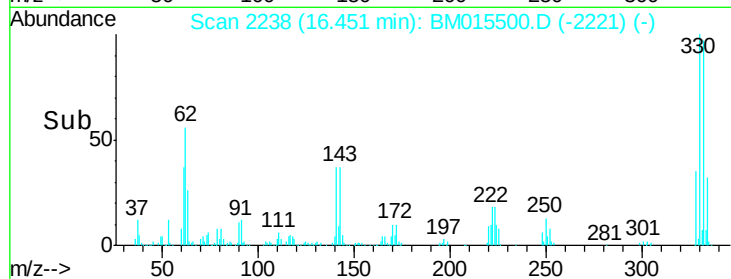
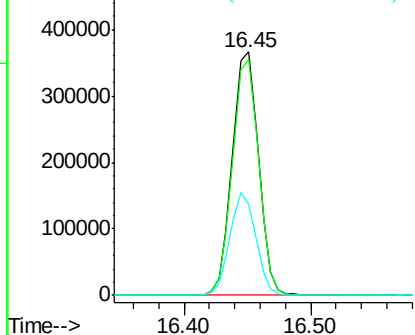
#41
 2,4,6-Tribromophenol
 Concen: 147.306 ng
 RT: 16.45 min Scan# 2238
 Delta R.T. 0.00 min
 Lab File: BM015500.D
 Acq: 06 Jun 2018 21:48

Instrument :
 BNA_M
 ClientSampleId :
 OILY-CONCRETE

Tot Ion	330	Resp	526489
Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	41.4	0.0	0.0#

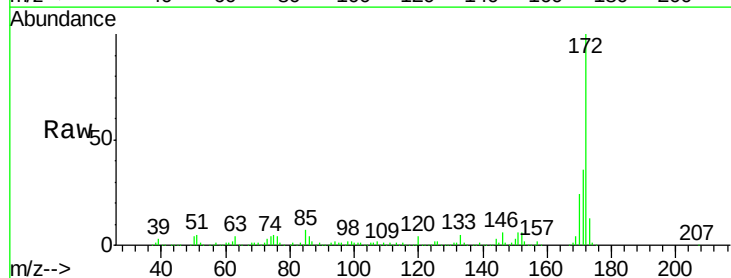


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

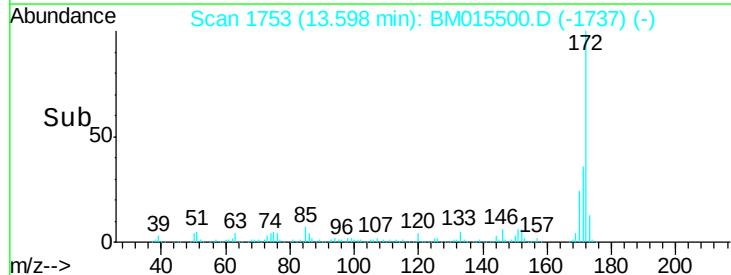
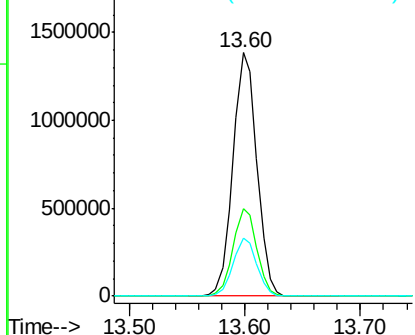


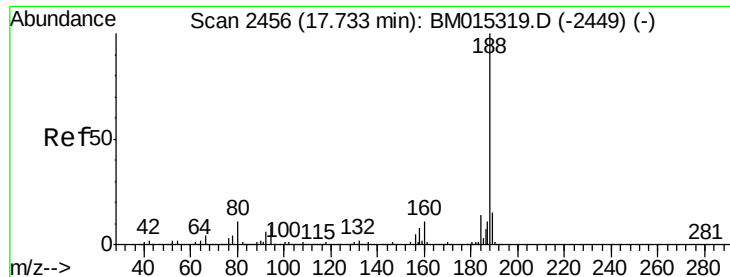
#44
 2-Fluorobiphenyl
 Concen: 107.053 ng
 RT: 13.60 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BM015500.D
 Acq: 06 Jun 2018 21:48

Tgt Ion	172	Resp	1982993
Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.5	42.7
170	23.6	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

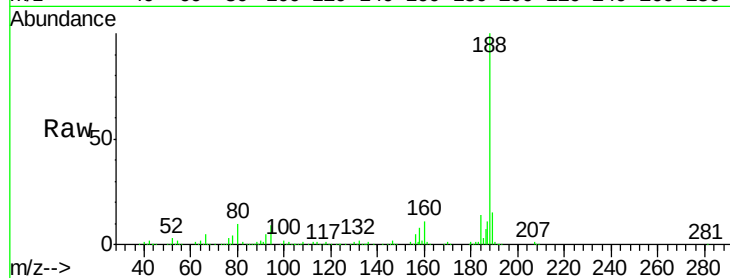




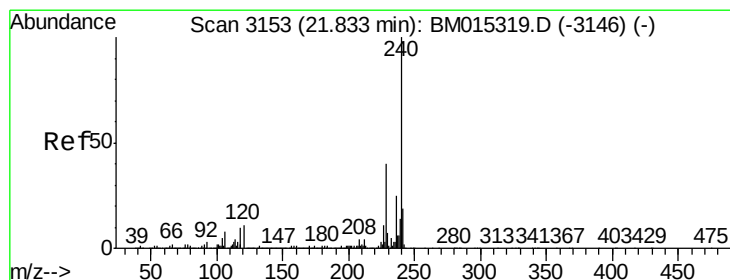
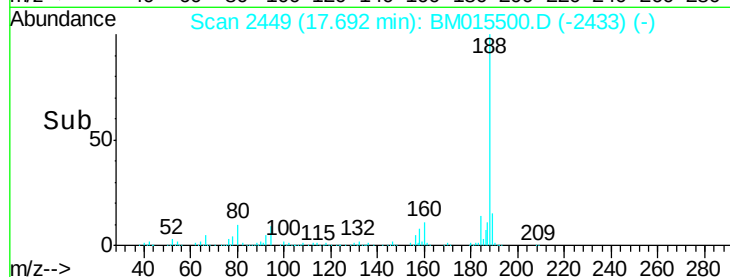
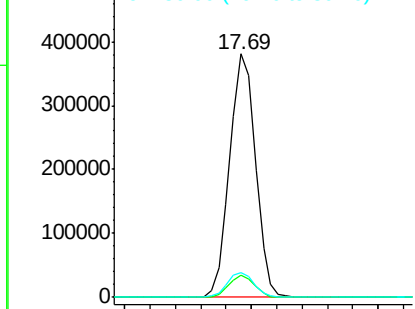
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.69 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BM015500.D
Acq: 06 Jun 2018 21:48

Instrument :
BNA_M
ClientSampleId :
OILY-CONCRETE

Tot Ion:188 Resp: 536199
Ion Ratio Lower Upper
188 100
94 9.1 8.7 13.1
80 10.2 9.3 13.9

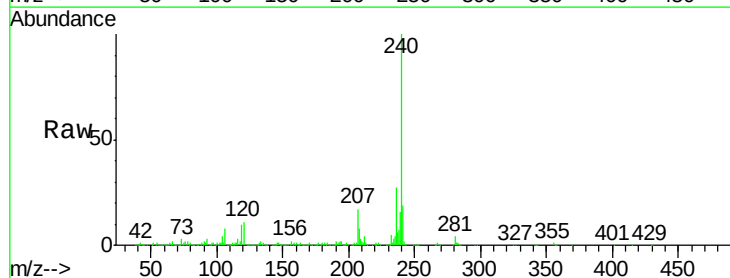


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

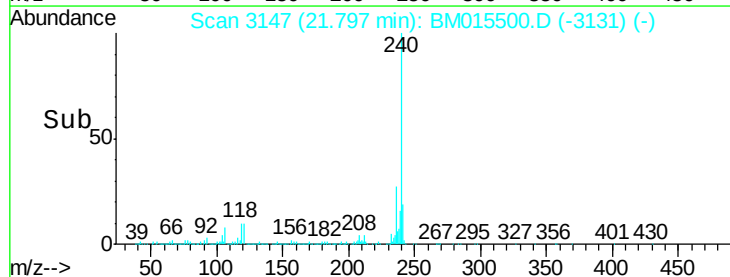
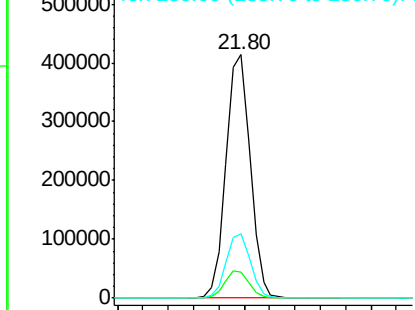


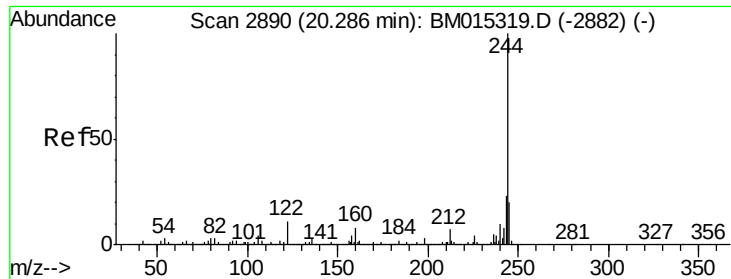
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BM015500.D
Acq: 06 Jun 2018 21:48

Tgt Ion:240 Resp: 546865
Ion Ratio Lower Upper
240 100
120 10.6 8.2 12.2
236 26.6 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: 127.030 ng

RT: 20.25 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BM015500.D

Acq: 06 Jun 2018 21:48

Instrument :

BNA_M

ClientSampleId :

OILY-CONCRETE

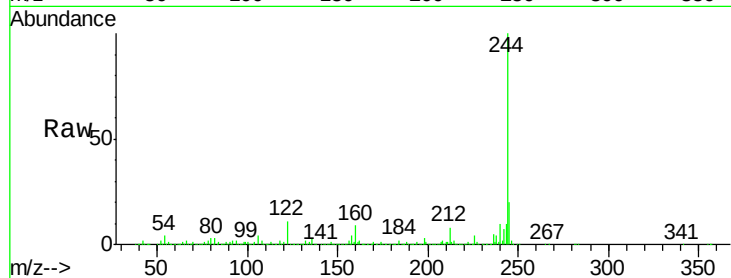
Tot Ion:244 Resp: 3009662

Ion Ratio Lower Upper

244 100

212 7.6 4.9 7.3#

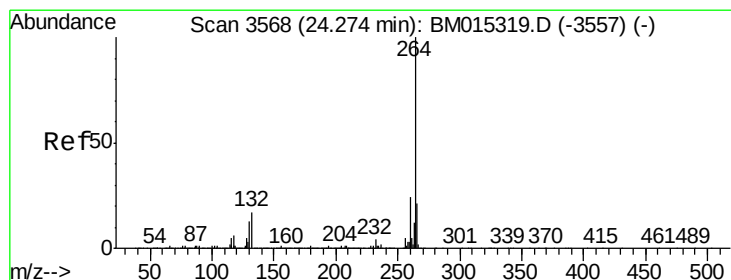
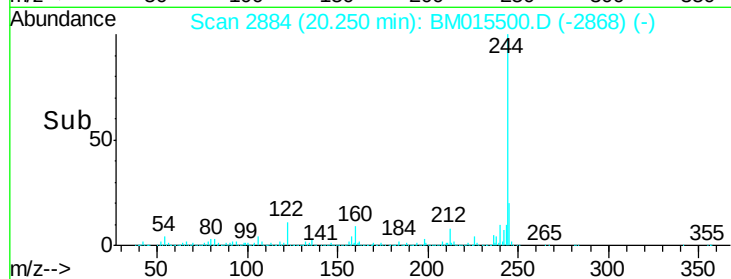
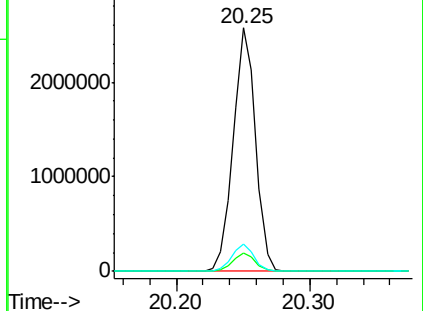
122 11.5 6.2 9.4#



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# 3558

Delta R.T. -0.01 min

Lab File: BM015500.D

Acq: 06 Jun 2018 21:48

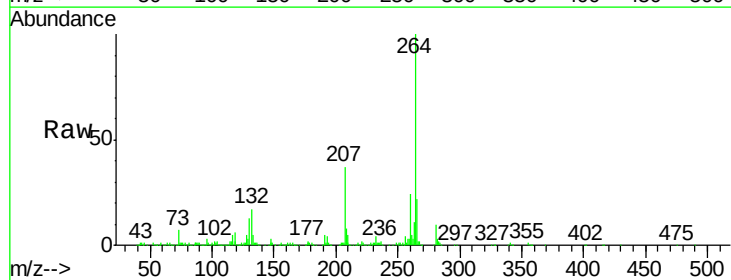
Tgt Ion:264 Resp: 569269

Ion Ratio Lower Upper

264 100

260 23.7 18.6 27.8

265 21.6 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

