

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060618\
 Data File : BM015509.D
 Acq On : 07 Jun 2018 04:04
 Operator : SJ/JU
 Sample : J3195-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OILY-STONES

Quant Time: Jun 07 07:42:03 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

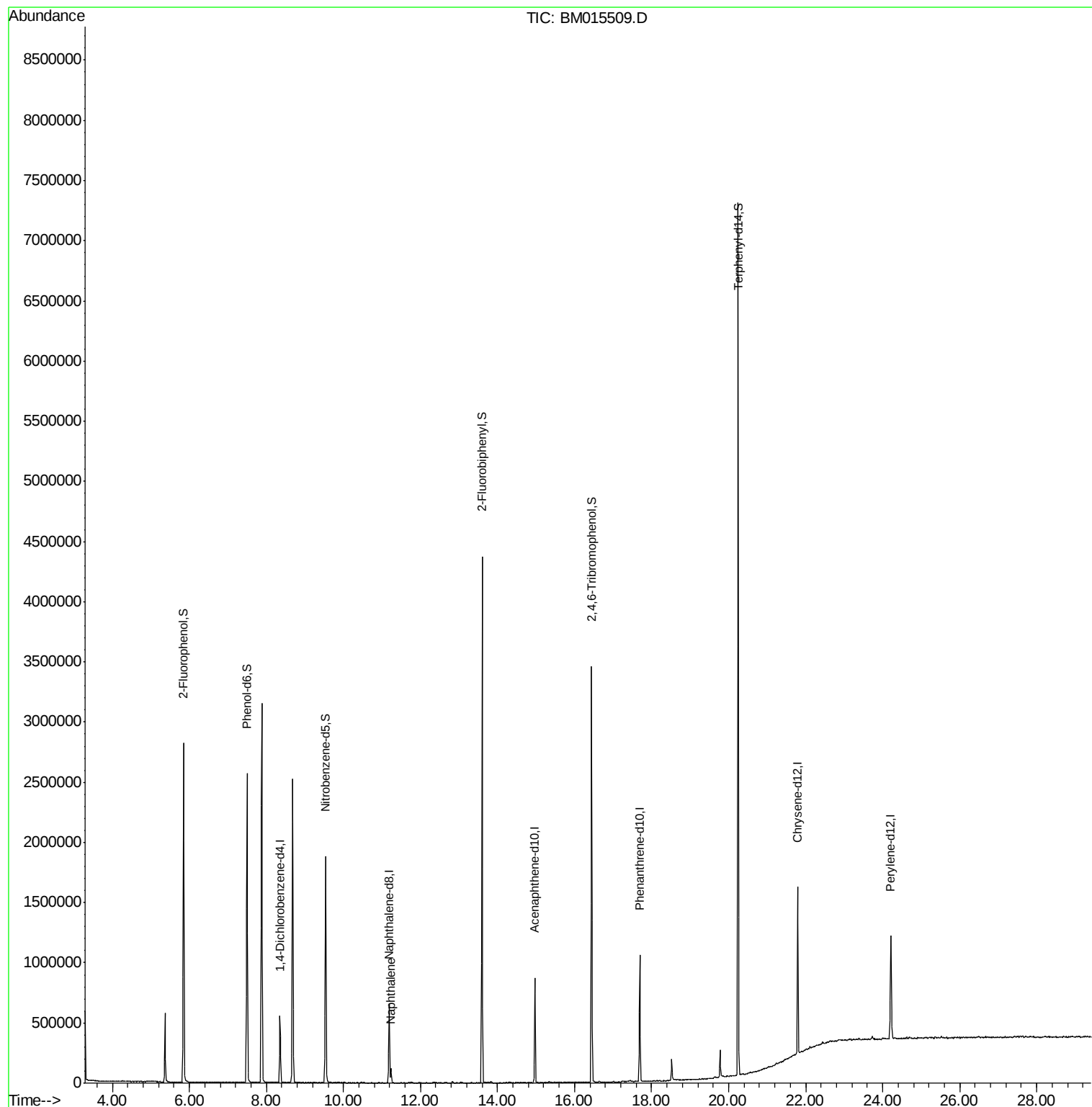
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	141358	20.00	ng	0.00
21) Naphthalene-d8	11.19	136	524657	20.00	ng	0.00
38) Acenaphthene-d10	14.97	164	260762	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	563166	20.00	ng	0.00
75) Chrysene-d12	21.79	240	584223	20.00	ng	-0.01
86) Perylene-d12	24.21	264	615908	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	1107615	133.28	ng	0.00
7) Phenol-d6	7.50	99	1272909	101.34	ng	0.00
23) Nitrobenzene-d5	9.54	82	1023321	106.09	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	510252	136.16	ng	0.00
44) 2-Fluorobiphenyl	13.60	172	2050646	105.59	ng	0.00
78) Terphenyl-d14	20.25	244	2988452	118.07	ng	0.00
Target Compounds						
31) Naphthalene	11.23	128	94393	3.471	ng	Qvalue 99

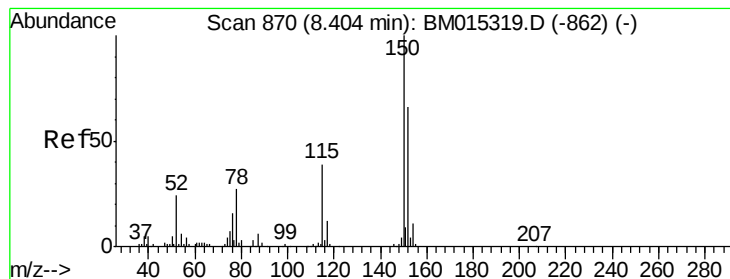
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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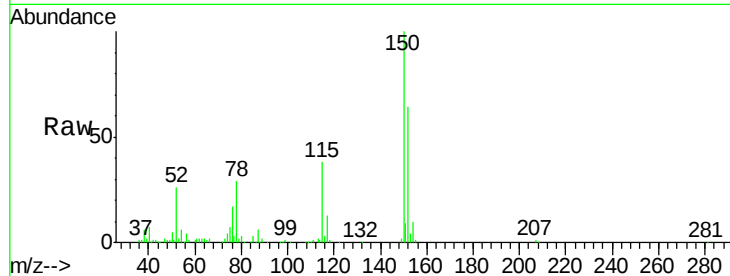


#1

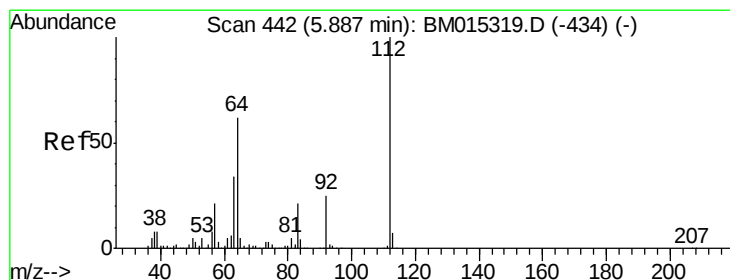
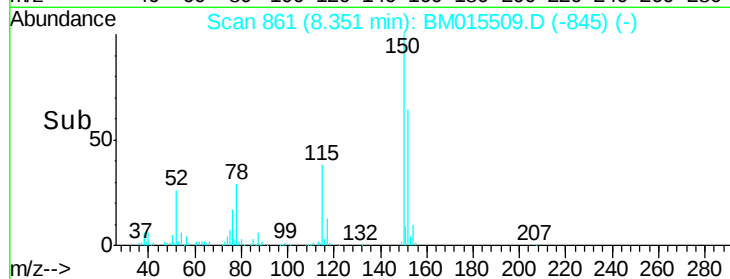
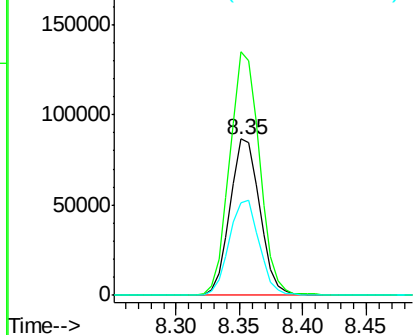
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.35 min Scan# 861
Delta R.T. -0.01 min
Lab File: BM015509.D
Acq: 07 Jun 2018 04:04

Instrument :
BNA_M
ClientSampleId :
OILY-STONES

Tot Ion:152 Resp: 141358
Ion Ratio Lower Upper
152 100
150 155.6 119.5 179.3
115 59.1 43.0 64.4



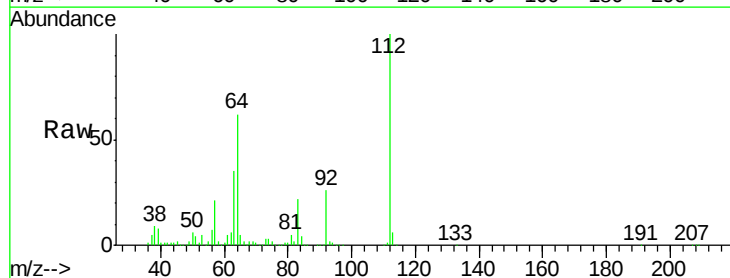
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



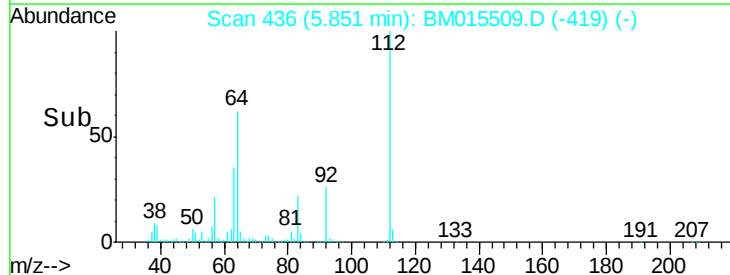
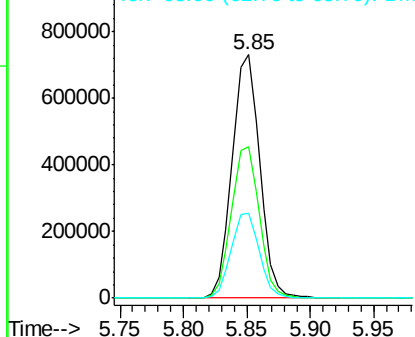
#5

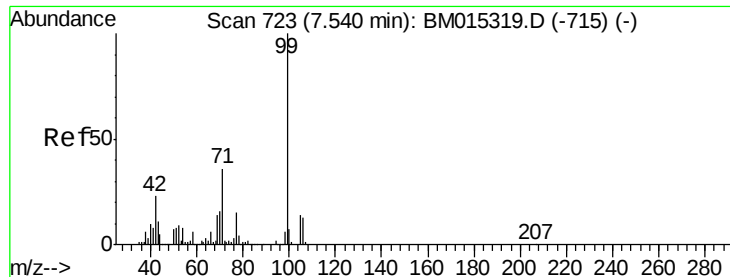
2-Fluorophenol
Concen: 133.283 ng
RT: 5.85 min Scan# 436
Delta R.T. -0.00 min
Lab File: BM015509.D
Acq: 07 Jun 2018 04:04

Tgt Ion:112 Resp: 1107615
Ion Ratio Lower Upper
112 100
64 62.2 38.6 57.8#
63 35.0 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: 101.343 ng

RT: 7.50 min Scan# 716

Delta R.T. -0.01 min

Lab File: BM015509.D

Acq: 07 Jun 2018 04:04

Instrument :

BNA_M

ClientSampleId :

OILY-STONES

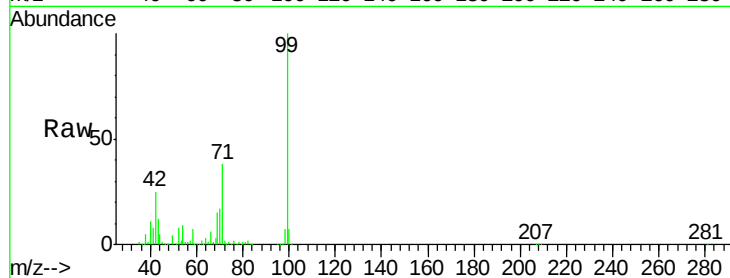
Tot Ion: 99 Resp: 1272909

Ion Ratio Lower Upper

99 100

42 25.3 11.0 16.4#

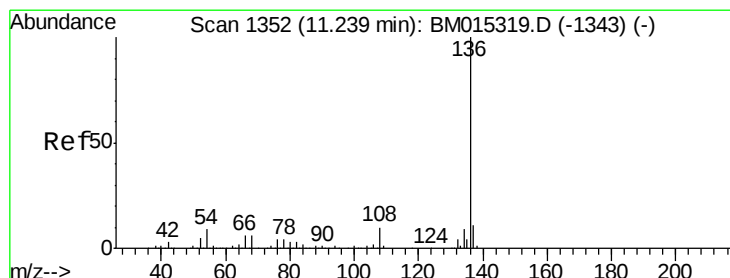
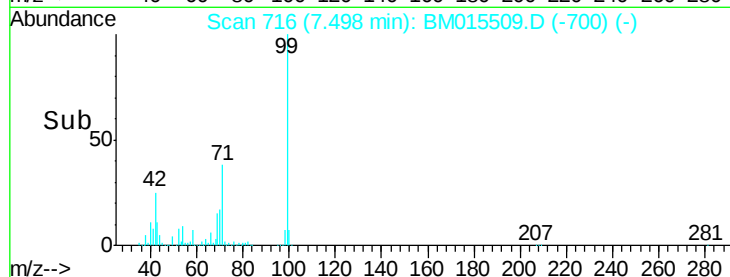
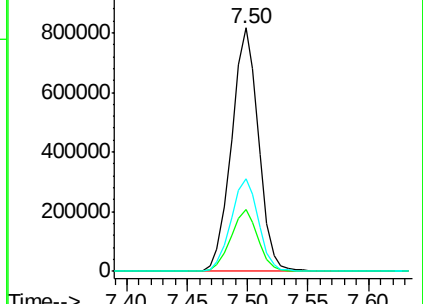
71 38.1 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM015509.D (-715) (-)

Ion 42.00 (41.70 to 42.70): BM015509.D (-715) (-)

Ion 71.00 (70.70 to 71.70): BM015509.D (-715) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.19 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BM015509.D

Acq: 07 Jun 2018 04:04

Tgt Ion: 136 Resp: 524657

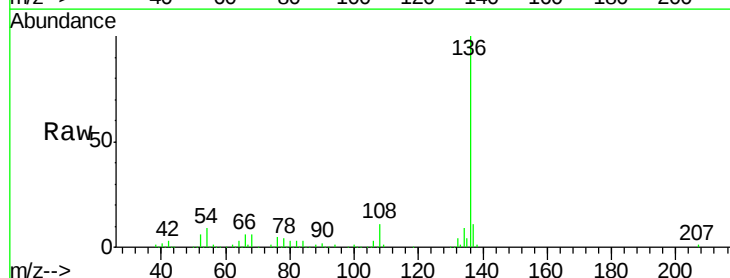
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 8.6 4.6 6.8#

68 5.7 3.7 5.5#

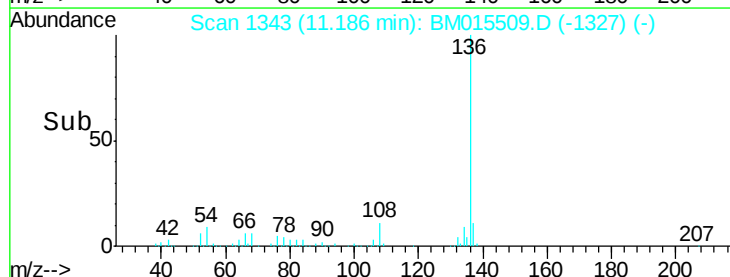
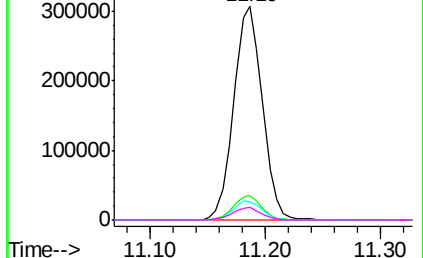


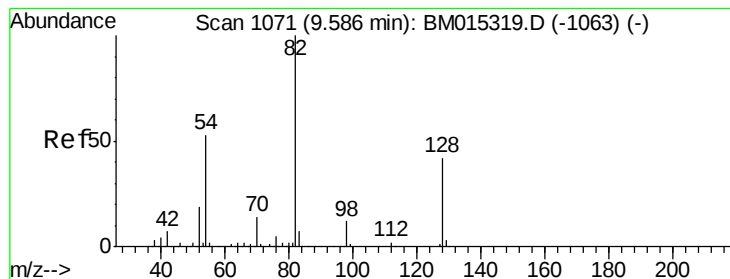
Abundance Ion 136.00 (135.70 to 136.70): BM015509.D (-1327) (-)

Ion 137.00 (136.70 to 137.70): BM015509.D (-1327) (-)

Ion 54.00 (53.70 to 54.70): BM015509.D (-1327) (-)

Ion 68.00 (67.70 to 68.70): BM015509.D (-1327) (-)





#23

Nitrobenzene-d5

Concen: 106.092 ng

RT: 9.54 min Scan# 1063

Delta R.T. -0.01 min

Lab File: BM015509.D

Acq: 07 Jun 2018 04:04

Instrument :

BNA_M

ClientSampleId :

OILY-STONES

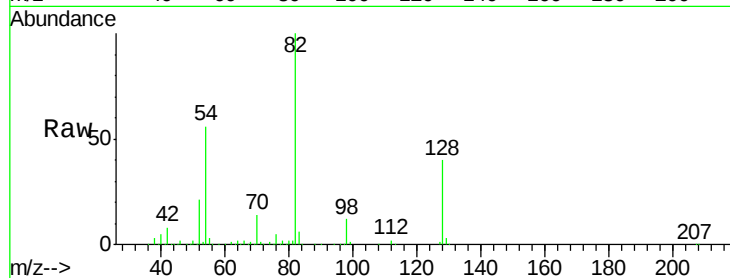
Tot Ion: 82 Resp: 1023321

Ion Ratio Lower Upper

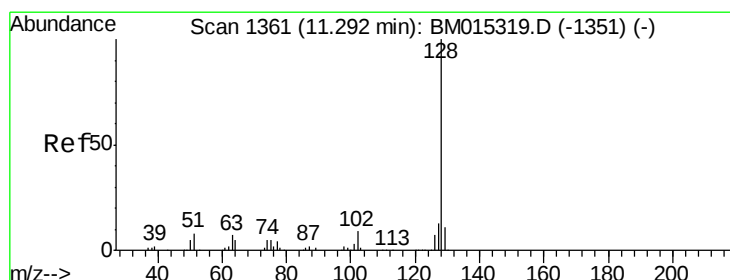
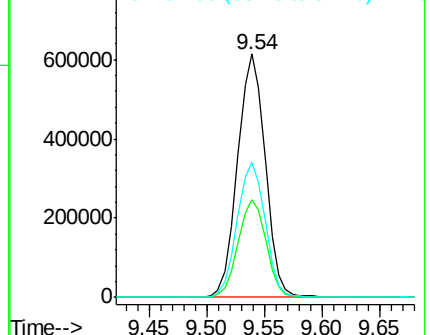
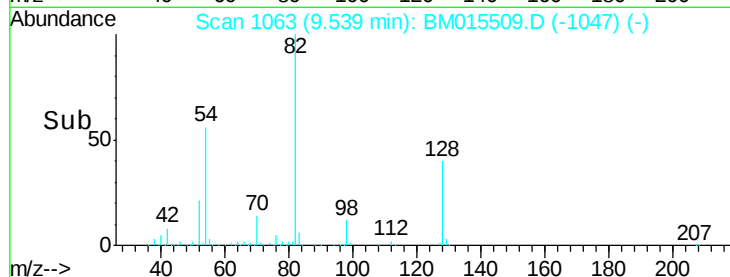
82 100

128 40.1 32.8 49.2

54 55.6 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM015509.D (-1047) (-)



#31

Naphthalene

Concen: 3.471 ng

RT: 11.23 min Scan# 1351

Delta R.T. -0.01 min

Lab File: BM015509.D

Acq: 07 Jun 2018 04:04

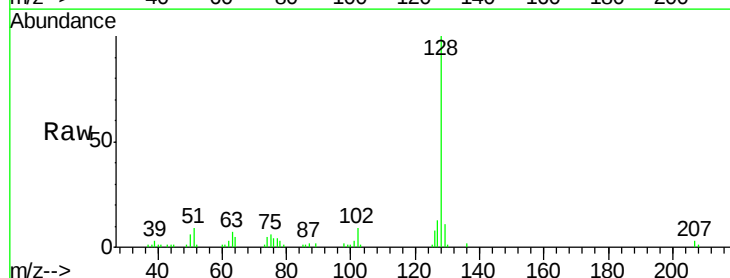
Tgt Ion:128 Resp: 94393

Ion Ratio Lower Upper

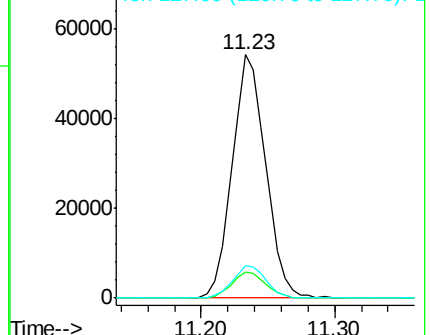
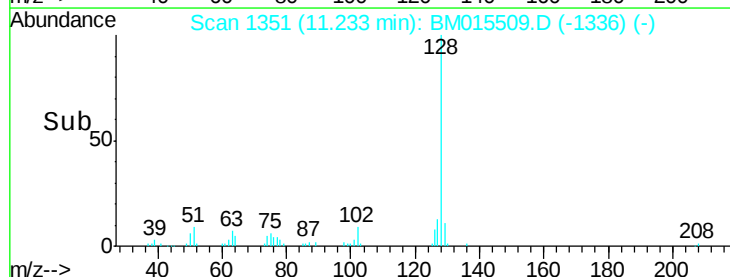
128 100

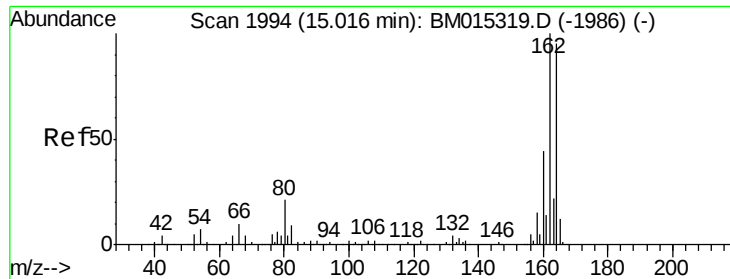
129 10.7 8.9 13.3

127 13.1 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): BM015509.D (-1336) (-)

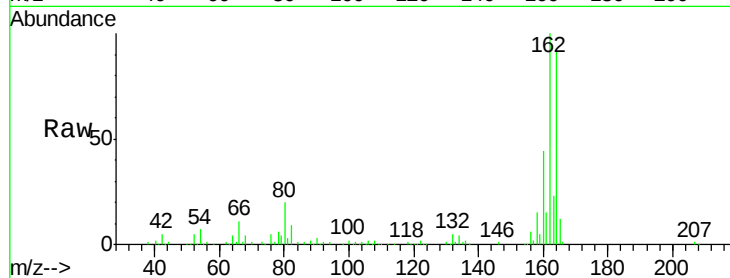




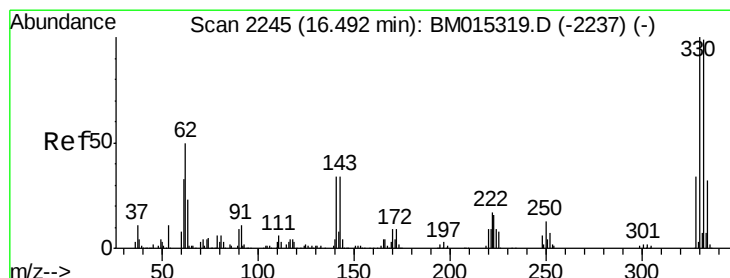
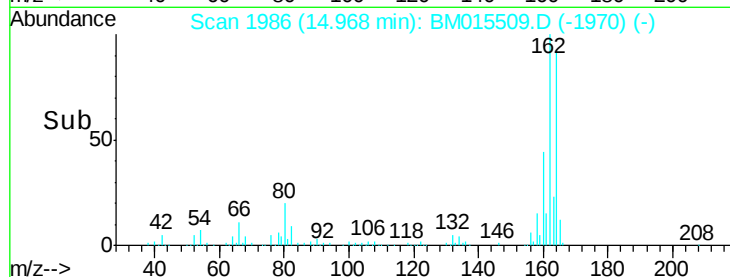
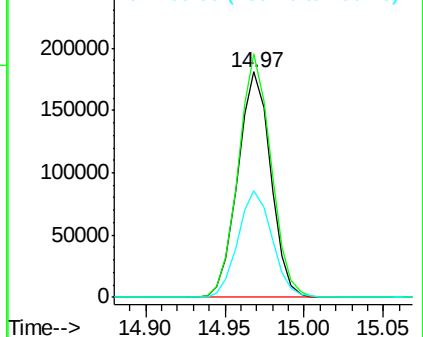
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.97 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BM015509.D
Acq: 07 Jun 2018 04:04

Instrument :
BNA_M
ClientSampleId :
OILY-STONES

Tot Ion:164 Resp: 260762
Ion Ratio Lower Upper
164 100
162 108.1 82.4 123.6
160 47.3 35.8 53.6

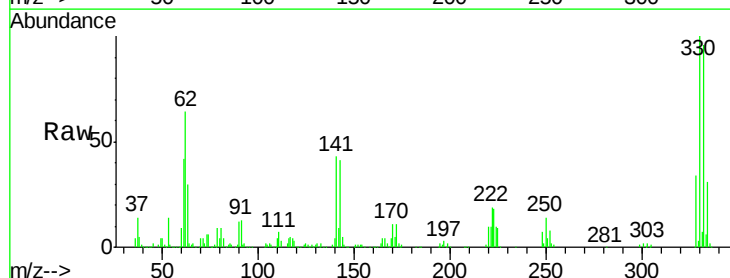


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

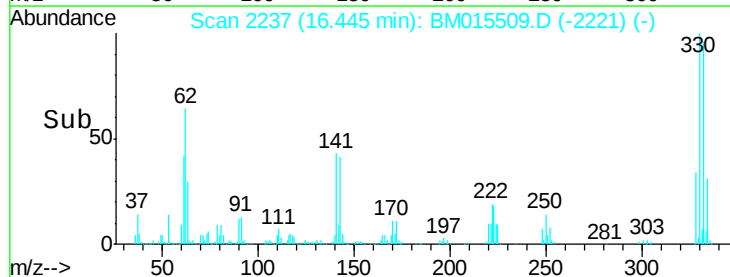
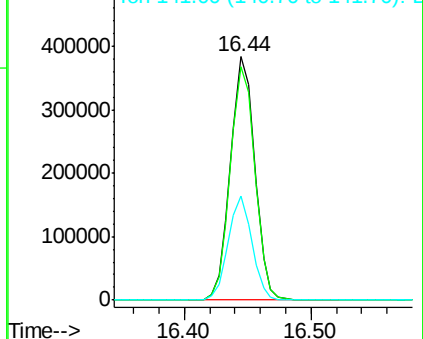


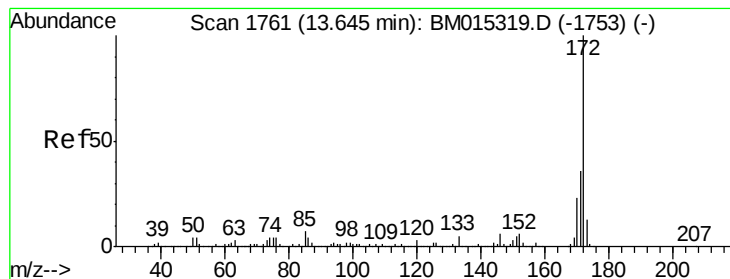
#41
2,4,6-Tribromophenol
Concen: 136.163 ng
RT: 16.44 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BM015509.D
Acq: 07 Jun 2018 04:04

Tgt Ion:330 Resp: 510252
Ion Ratio Lower Upper
330 100
332 97.0 0.0 0.0#
141 41.8 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: 105.588 ng

RT: 13.60 min Scan# 1753

Delta R.T. -0.01 min

Lab File: BM015509.D

Acq: 07 Jun 2018 04:04

Instrument :

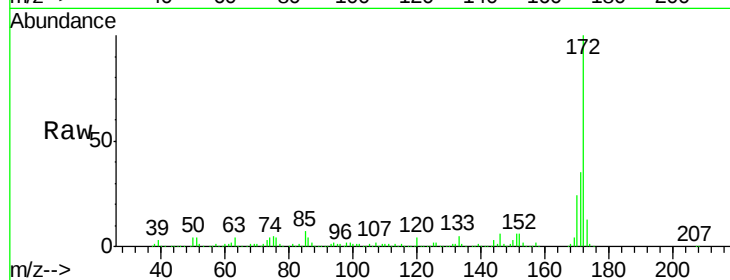
BNA_M

ClientSampleId :

OILY-STONES

Tot Ion:172 Resp: 2050646

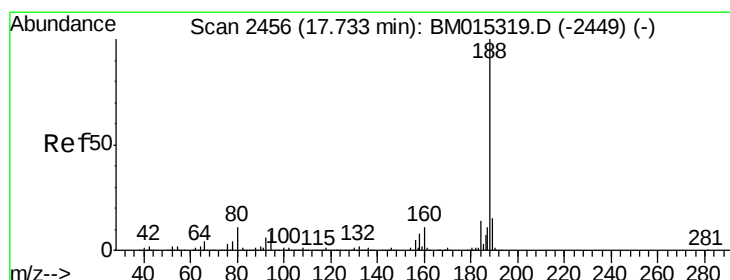
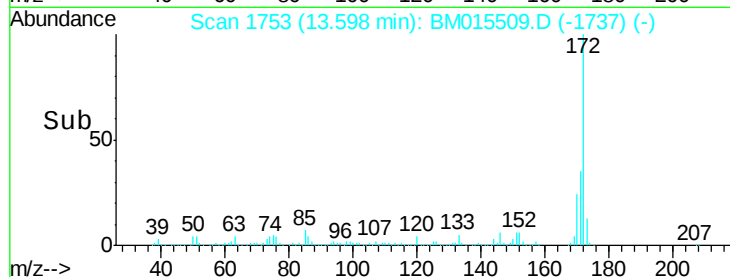
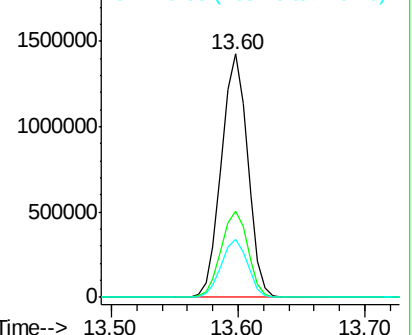
Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	23.6	18.8	28.2



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

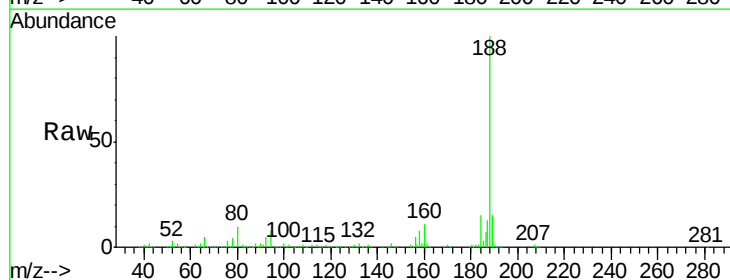
Delta R.T. -0.01 min

Lab File: BM015509.D

Acq: 07 Jun 2018 04:04

Tgt Ion:188 Resp: 563166

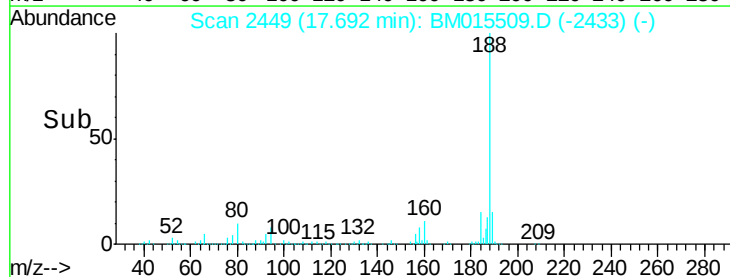
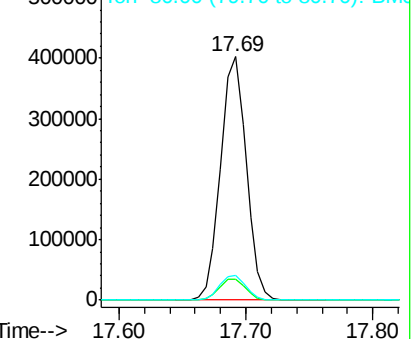
Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.7	13.1#
80	10.1	9.3	13.9

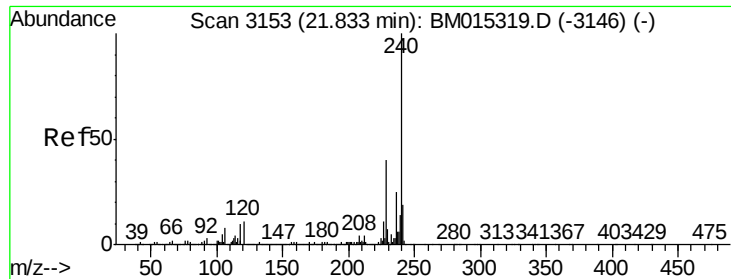


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.79 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BM015509.D

Acq: 07 Jun 2018 04:04

Instrument :

BNA_M

ClientSampleId :

OILY-STONES

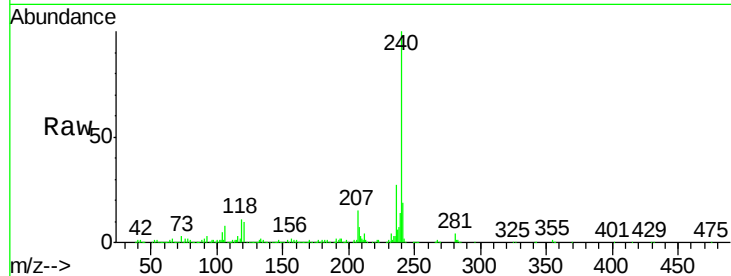
Tot Ion:240 Resp: 584223

Ion Ratio Lower Upper

240 100

120 10.5 8.2 12.2

236 27.0 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

21.79

400000

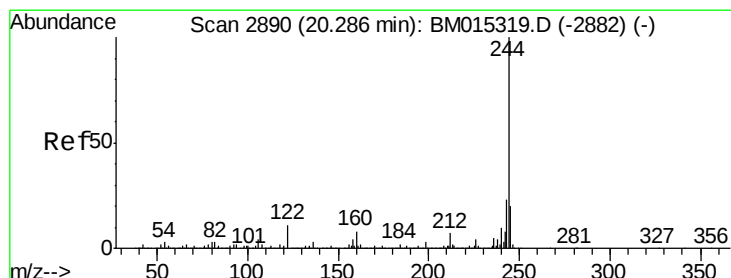
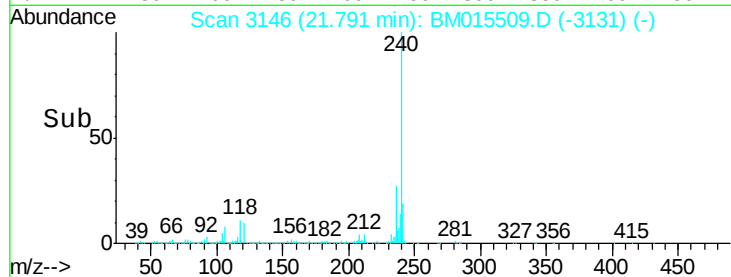
300000

200000

100000

0

Time--> 21.70 21.80 21.90



#78

Terphenyl-d14

Concen: 118.069 ng

RT: 20.25 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BM015509.D

Acq: 07 Jun 2018 04:04

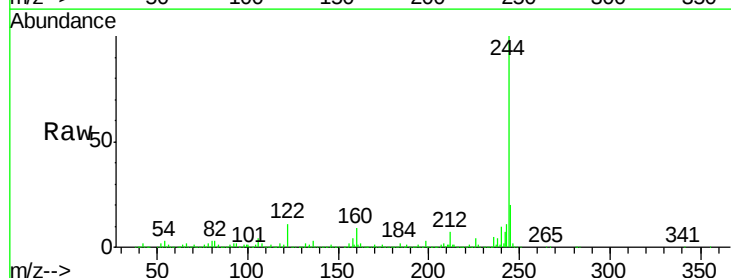
Tgt Ion:244 Resp: 2988452

Ion Ratio Lower Upper

244 100

212 7.5 4.9 7.3#

122 10.6 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

20.25

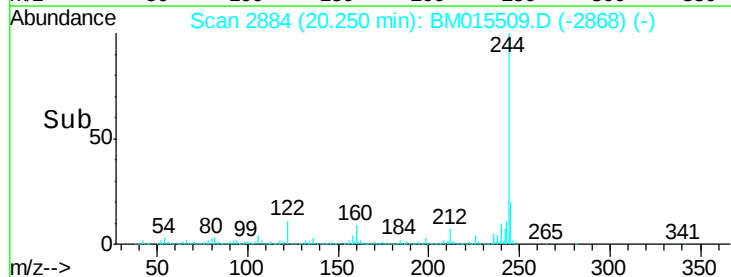
3000000

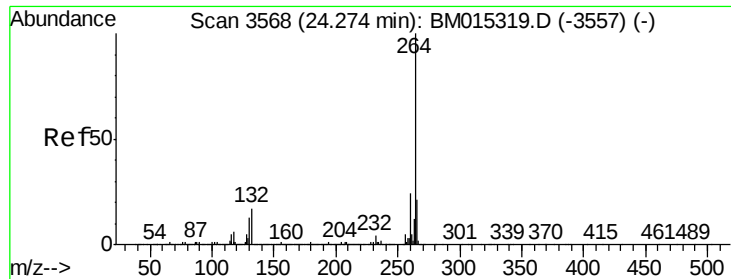
2000000

1000000

0

Time--> 20.20 20.25 20.30





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.21 min Scan# 3557
Delta R.T. -0.02 min
Lab File: BM015509.D
Acq: 07 Jun 2018 04:04

Instrument :
BNA_M
ClientSampleId :
OILY-STONES

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	27.8
265	22.2	17.3	25.9

