

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060618\
 Data File : BM015512.D
 Acq On : 07 Jun 2018 05:54
 Operator : SJ/JU
 Sample : J3305-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DRUM-1-DRUM-2-ROCKS

Quant Time: Jun 07 07:43:05 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	137613	20.00	ng	0.00
21) Naphthalene-d8	11.19	136	506889	20.00	ng	0.00
38) Acenaphthene-d10	14.97	164	256871	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	538829	20.00	ng	0.00
75) Chrysene-d12	21.79	240	534860	20.00	ng	-0.01
86) Perylene-d12	24.21	264	561125	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	1114703	137.79	ng	0.00
7) Phenol-d6	7.50	99	1298378	106.18	ng	0.00
23) Nitrobenzene-d5	9.54	82	1032380	110.78	ng	0.00
41) 2,4,6-Tribromophenol	16.45	330	504999	136.80	ng	0.00
44) 2-Fluorobiphenyl	13.60	172	2080765	108.76	ng	0.00
78) Terphenyl-d14	20.24	244	2976808	128.46	ng	-0.01

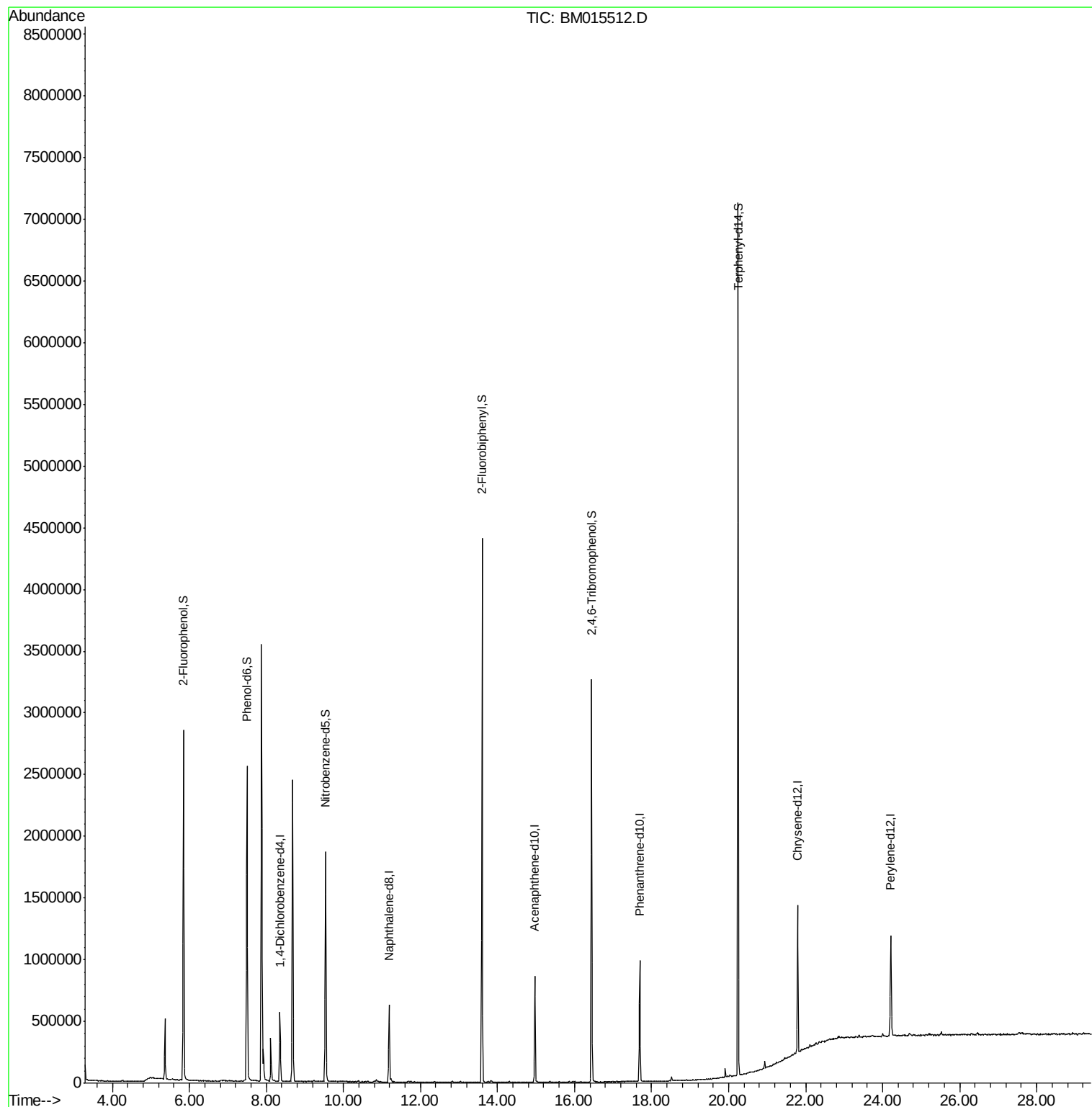
Target Compounds Qvalue

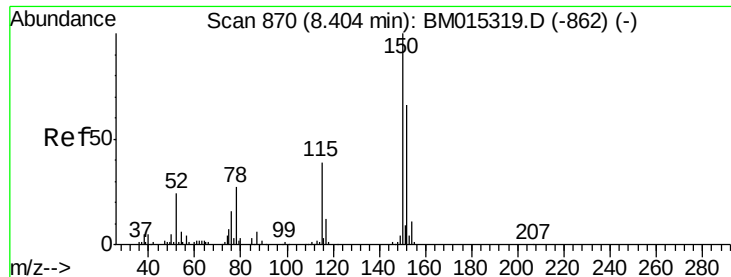
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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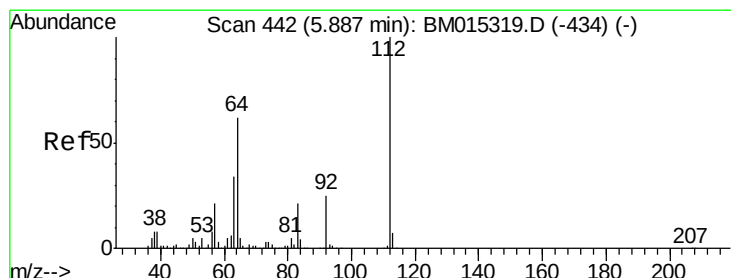
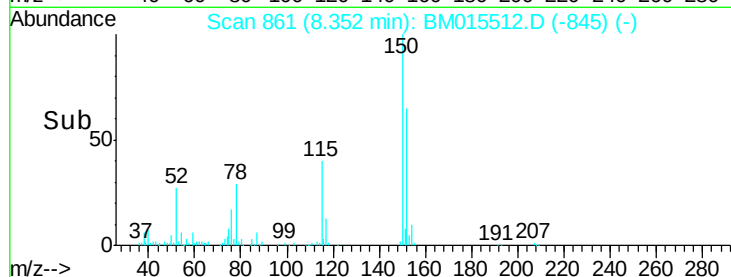
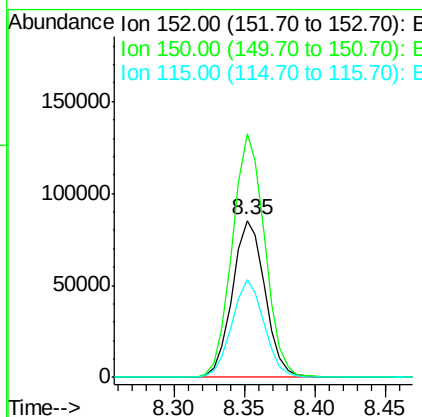
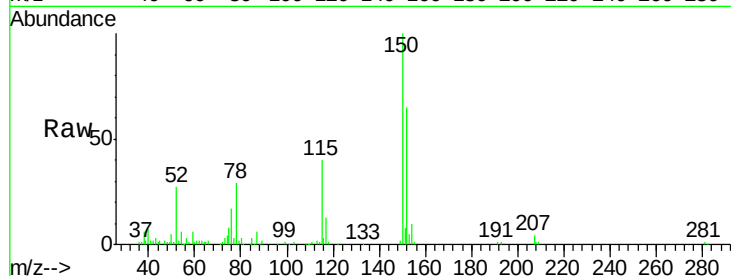


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.35 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: BM015512.D
 Acq: 07 Jun 2018 05:54

Instrument :
 BNA_M
 ClientSampleId :
 DRUM-1-DRUM-2-ROCKS

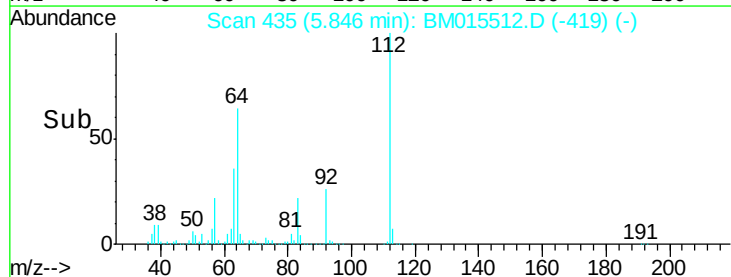
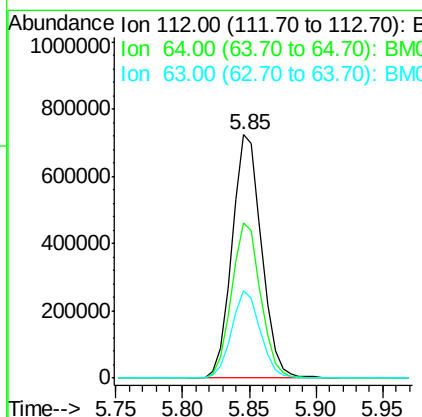
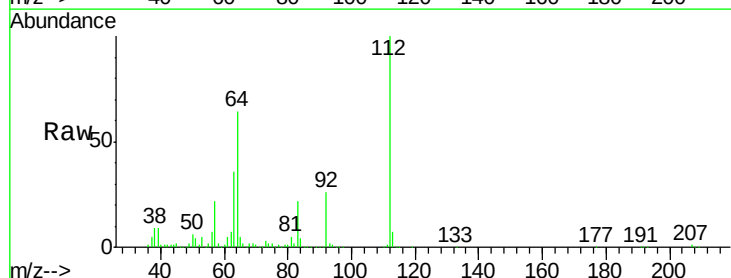
Tot Ion:152 Resp: 137613
 Ion Ratio Lower Upper
 152 100
 150 154.9 119.5 179.3
 115 62.2 43.0 64.4

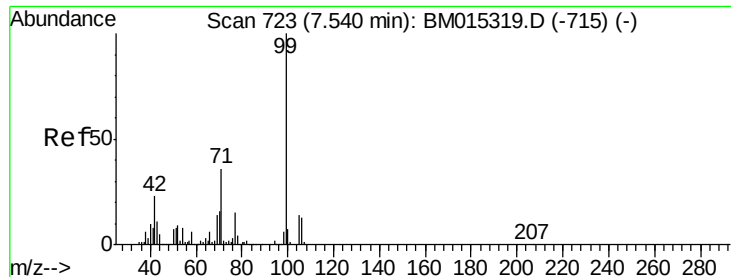


#5

2-Fluorophenol
 Concen: 137.787 ng
 RT: 5.85 min Scan# 435
 Delta R.T. -0.01 min
 Lab File: BM015512.D
 Acq: 07 Jun 2018 05:54

Tgt Ion:112 Resp: 1114703
 Ion Ratio Lower Upper
 112 100
 64 63.7 38.6 57.8#
 63 35.8 19.3 28.9#





#7

Phenol-d6

Concen: 106.184 ng

RT: 7.50 min Scan# 716

Delta R.T. -0.01 min

Lab File: BM015512.D

Acq: 07 Jun 2018 05:54

Instrument :

BNA_M

ClientSampleId :

DRUM-1-DRUM-2-ROCKS

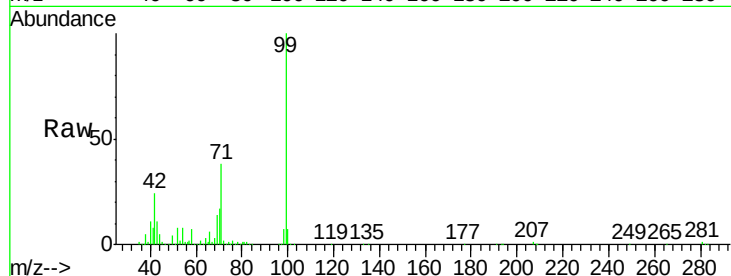
Tot Ion: 99 Resp: 1298378

Ion Ratio Lower Upper

99 100

42 24.4 11.0 16.4#

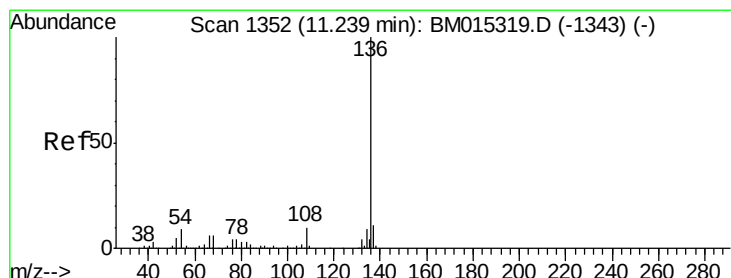
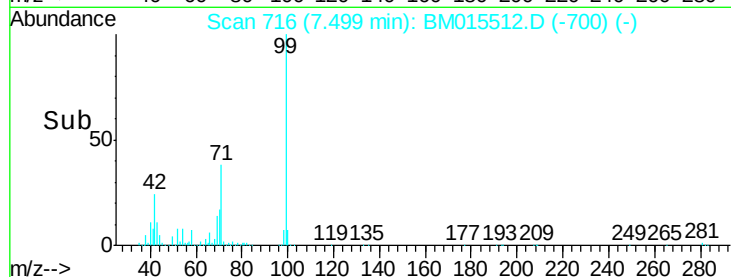
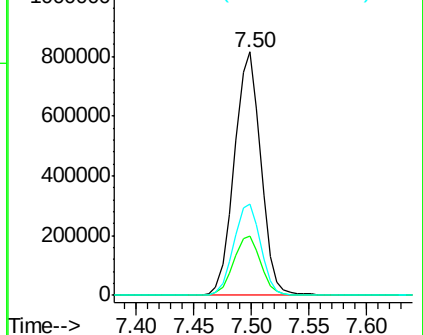
71 37.6 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM015512.D (-700) (-)

Ion 42.00 (41.70 to 42.70): BM015512.D (-700) (-)

Ion 71.00 (70.70 to 71.70): BM015512.D (-700) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.19 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BM015512.D

Acq: 07 Jun 2018 05:54

Tgt Ion: 136 Resp: 506889

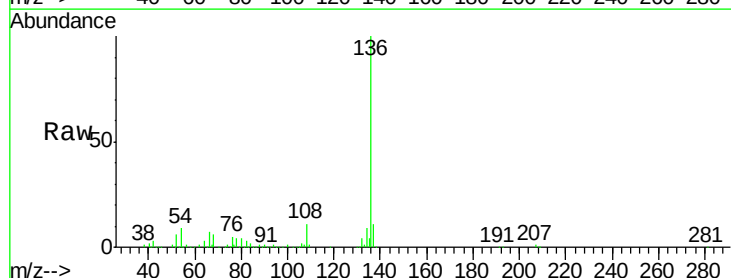
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 9.0 4.6 6.8#

68 6.0 3.7 5.5#

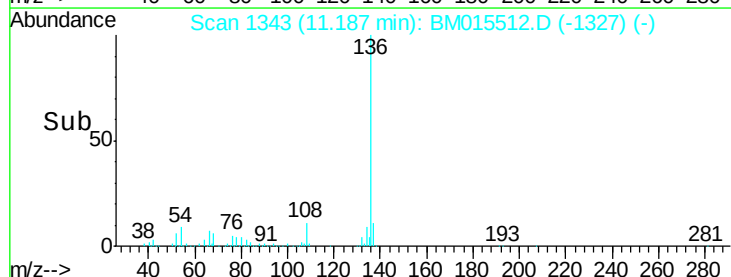
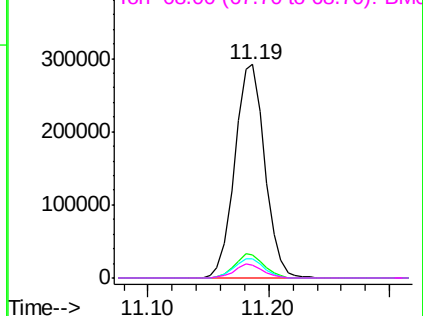


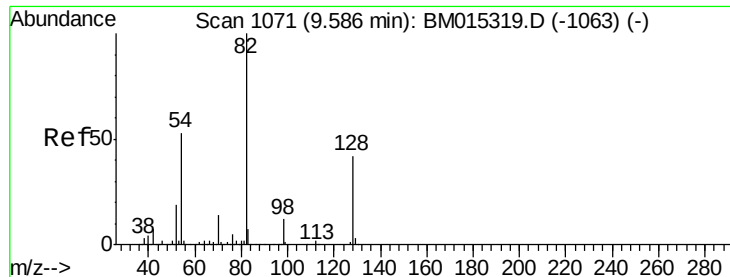
Abundance Ion 136.00 (135.70 to 136.70): BM015512.D (-1327) (-)

Ion 137.00 (136.70 to 137.70): BM015512.D (-1327) (-)

Ion 54.00 (53.70 to 54.70): BM015512.D (-1327) (-)

Ion 68.00 (67.70 to 68.70): BM015512.D (-1327) (-)





#23

Nitrobenzene-d5

Concen: 110.782 ng

RT: 9.54 min Scan# 1063

Delta R.T. -0.01 min

Lab File: BM015512.D

Acq: 07 Jun 2018 05:54

Instrument :

BNA_M

ClientSampleId :

DRUM-1-DRUM-2-ROCKS

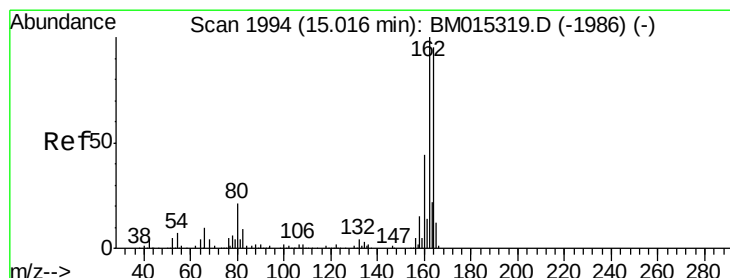
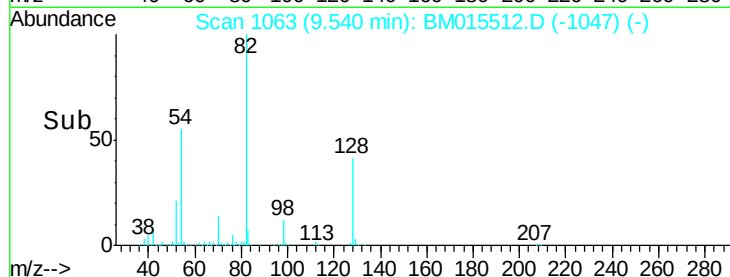
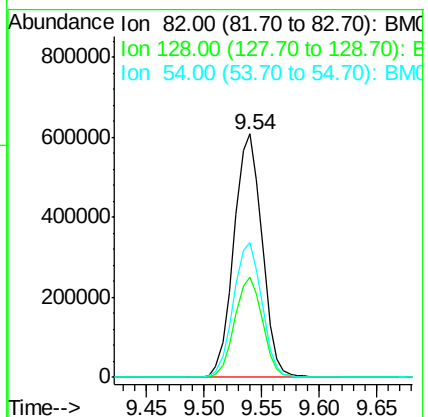
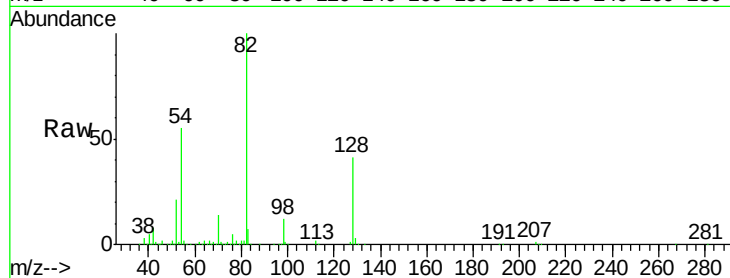
Tot Ion: 82 Resp: 1032380

Ion Ratio Lower Upper

82 100

128 41.1 32.8 49.2

54 55.1 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: BM015512.D

Acq: 07 Jun 2018 05:54

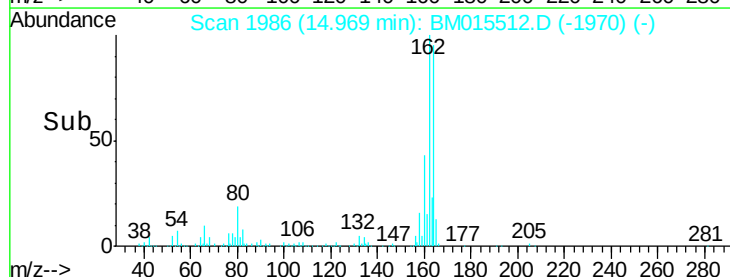
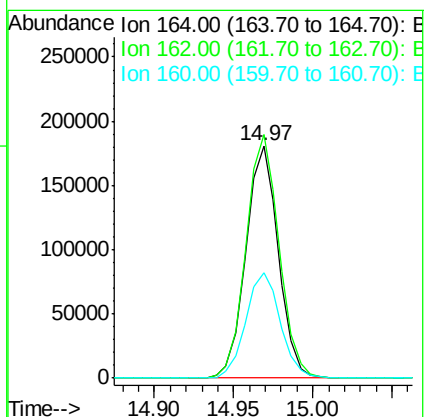
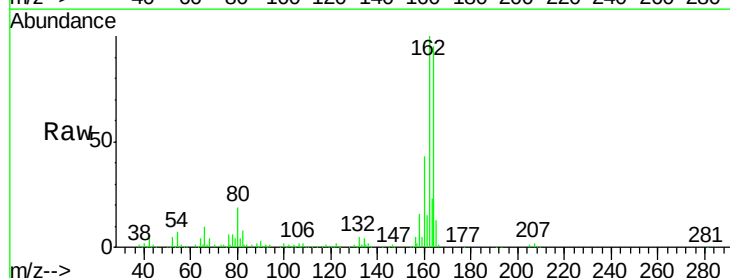
Tgt Ion:164 Resp: 256871

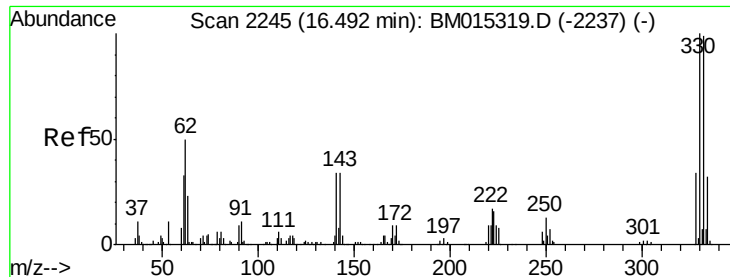
Ion Ratio Lower Upper

164 100

162 104.9 82.4 123.6

160 45.4 35.8 53.6

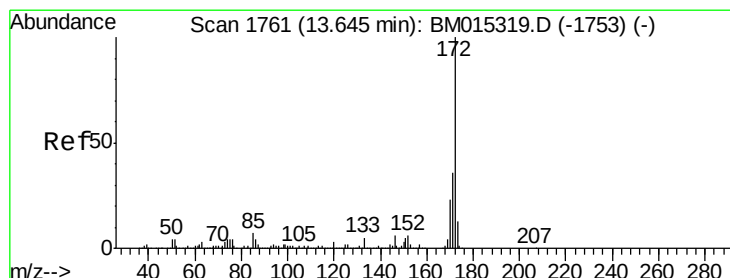
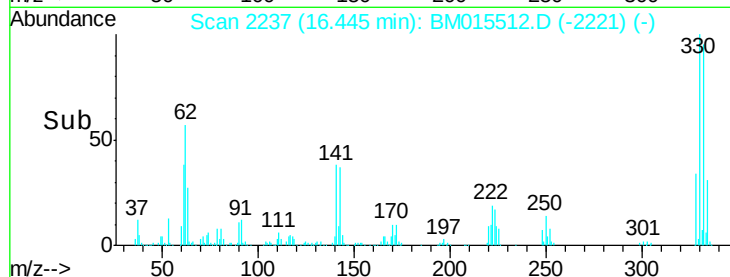
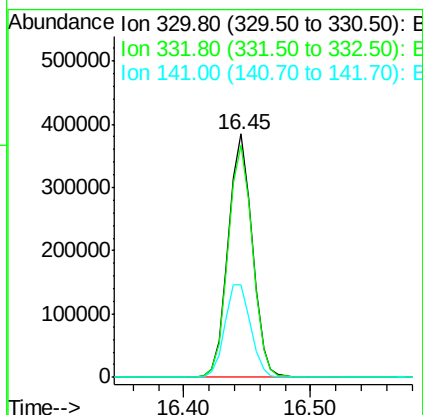
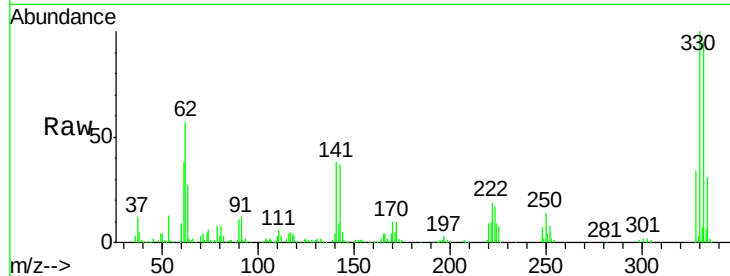




#41
 2,4,6-Tribromophenol
 Concen: 136.803 ng
 RT: 16.45 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BM015512.D
 Acq: 07 Jun 2018 05:54

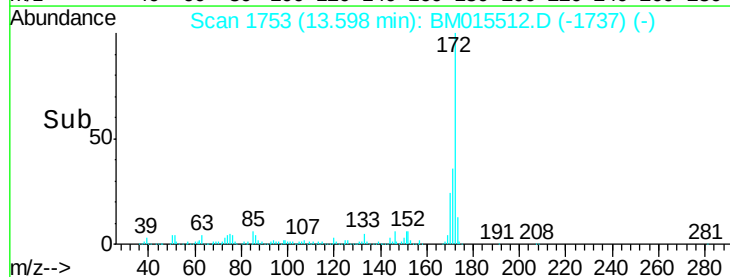
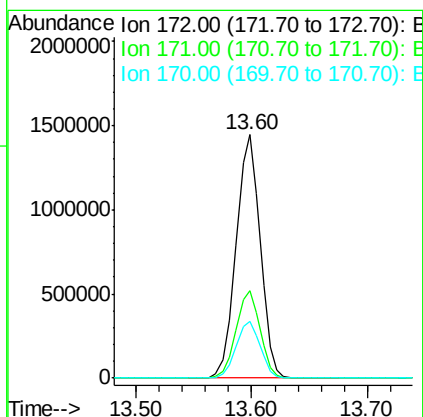
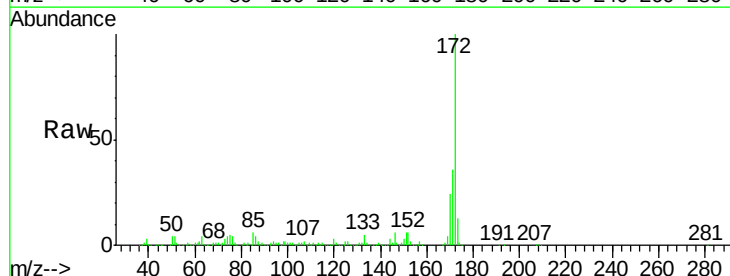
Instrument :
 BNA_M
 ClientSampleId :
 DRUM-1-DRUM-2-ROCKS

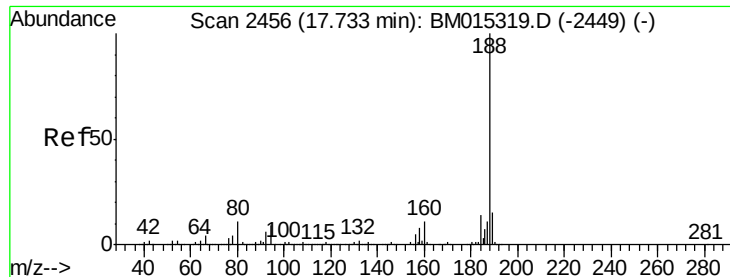
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	40.8	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 108.762 ng
 RT: 13.60 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BM015512.D
 Acq: 07 Jun 2018 05:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.5	42.7
170	23.5	18.8	28.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.69 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BM015512.D

Acq: 07 Jun 2018 05:54

Instrument :

BNA_M

ClientSampleId :

DRUM-1-DRUM-2-ROCKS

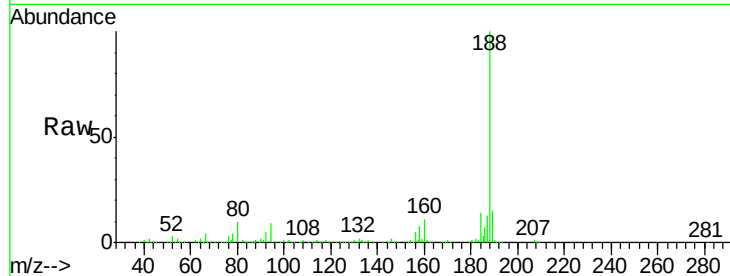
Tot Ion:188 Resp: 538829

Ion Ratio Lower Upper

188 100

94 8.8 8.7 13.1

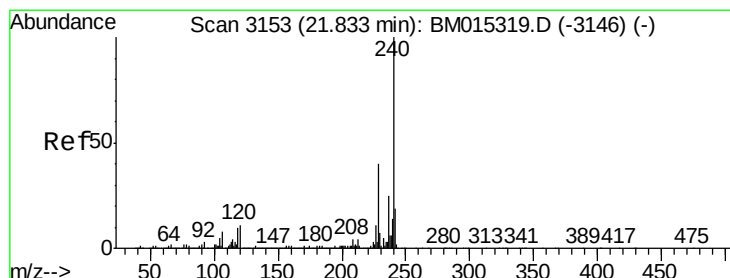
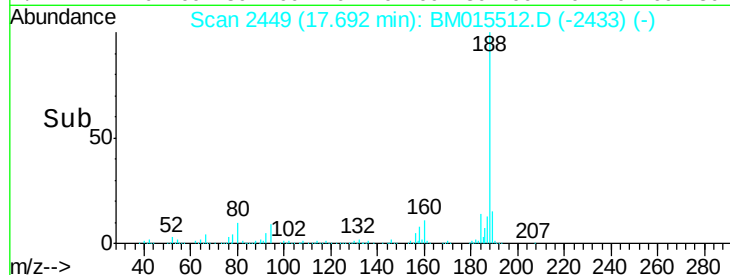
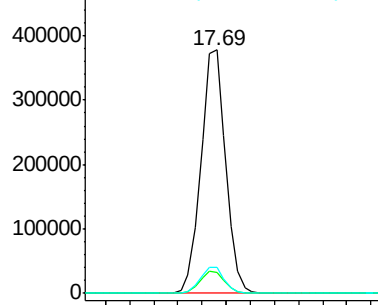
80 10.4 9.3 13.9



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: BM015512.D

Acq: 07 Jun 2018 05:54

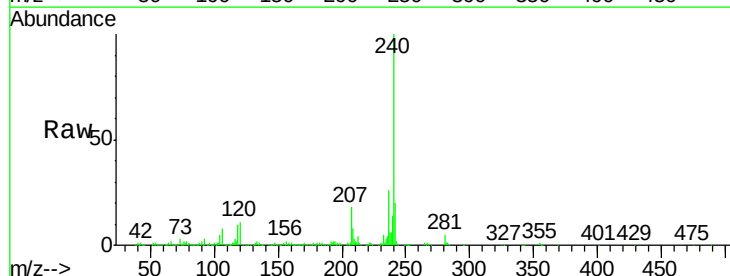
Tgt Ion:240 Resp: 534860

Ion Ratio Lower Upper

240 100

120 10.7 8.2 12.2

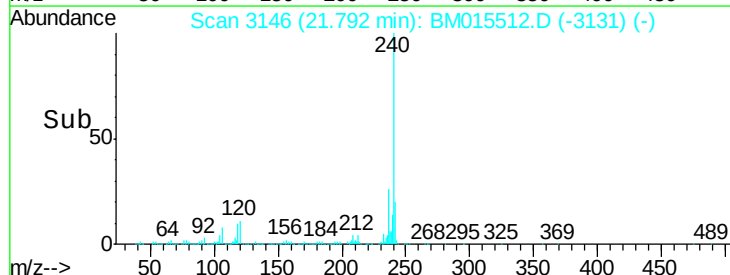
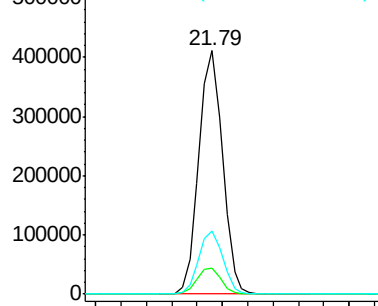
236 25.9 20.0 30.0

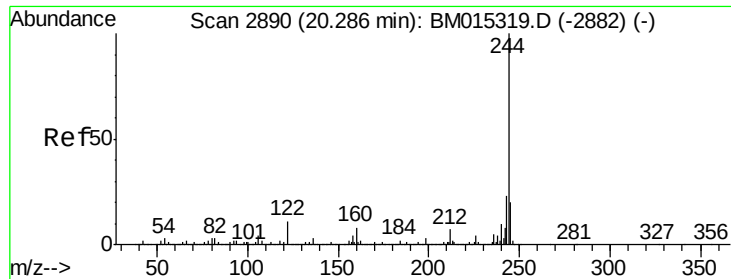


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 128.463 ng

RT: 20.24 min Scan# 2883

Delta R.T. -0.01 min

Lab File: BM015512.D

Acq: 07 Jun 2018 05:54

Instrument :

BNA_M

ClientSampleId :

DRUM-1-DRUM-2-ROCKS

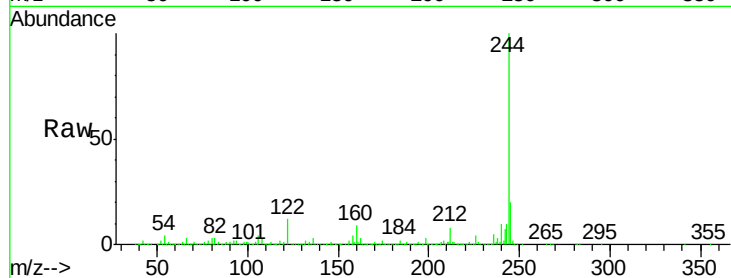
Tot Ion:244 Resp: 2976808

Ion Ratio Lower Upper

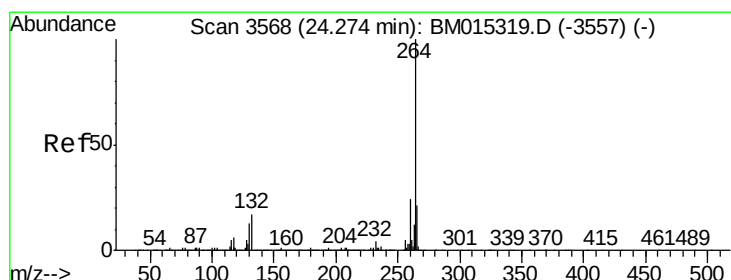
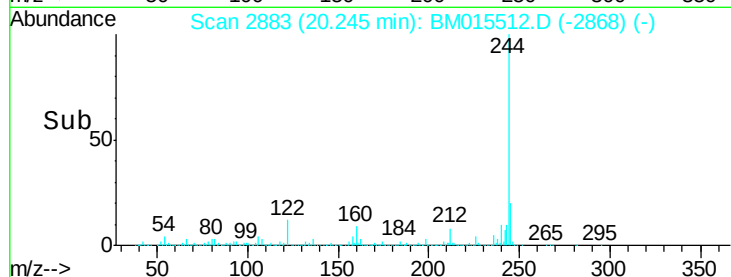
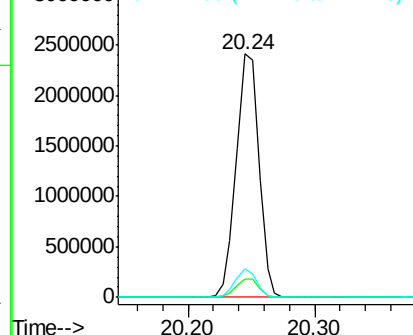
244 100

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# 3557

Delta R.T. -0.02 min

Lab File: BM015512.D

Acq: 07 Jun 2018 05:54

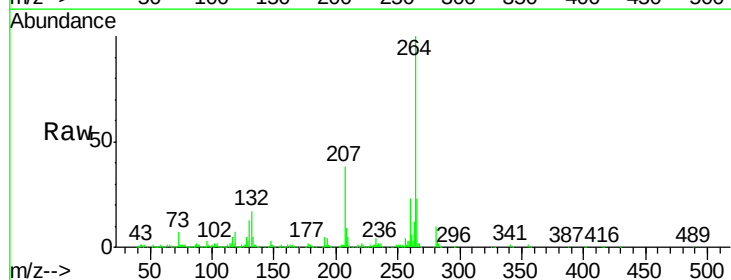
Tgt Ion:264 Resp: 561125

Ion Ratio Lower Upper

264 100

260 23.5 18.6 27.8

265 22.7 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

