

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060618\
 Data File : BM015498.D
 Acq On : 06 Jun 2018 20:34
 Operator : SJ/JU
 Sample : J3300-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ROCKPILE-SANDPILE

Quant Time: Jun 07 03:18:37 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	128364	20.00	ng	0.00
21) Naphthalene-d8	11.19	136	482391	20.00	ng	0.00
38) Acenaphthene-d10	14.97	164	250874	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	548425	20.00	ng	0.00
75) Chrysene-d12	21.79	240	556664	20.00	ng	-0.01
86) Perylene-d12	24.21	264	582873	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	976865	129.45	ng	0.00
7) Phenol-d6	7.50	99	1139302	99.89	ng	0.00
23) Nitrobenzene-d5	9.54	82	911526	102.78	ng	0.00
41) 2,4,6-Tribromophenol	16.45	330	504050	139.81	ng	0.00
44) 2-Fluorobiphenyl	13.60	172	1885636	100.92	ng	0.00
78) Terphenyl-d14	20.25	244	2841100	117.80	ng	0.00

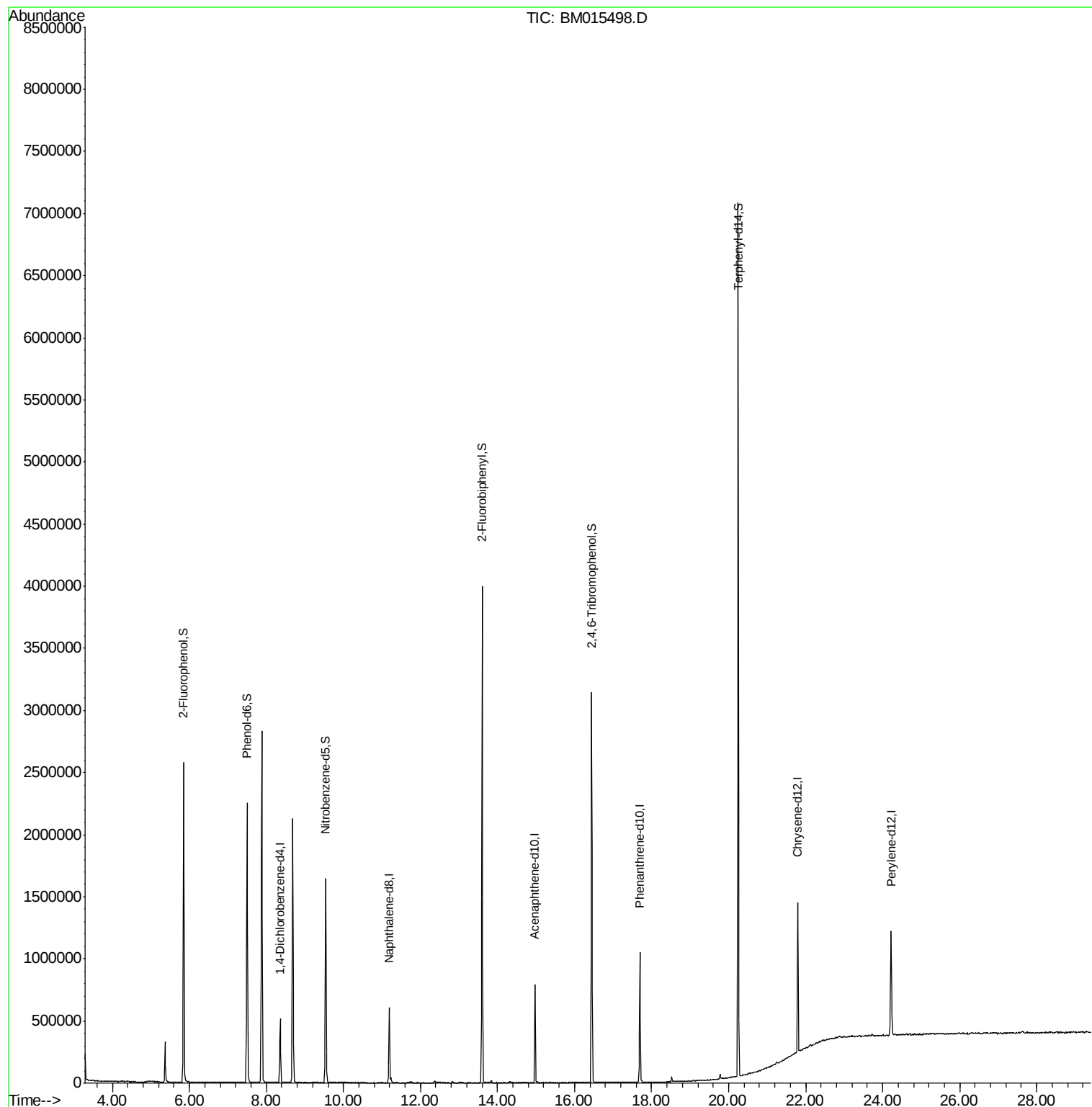
Target Compounds Qvalue

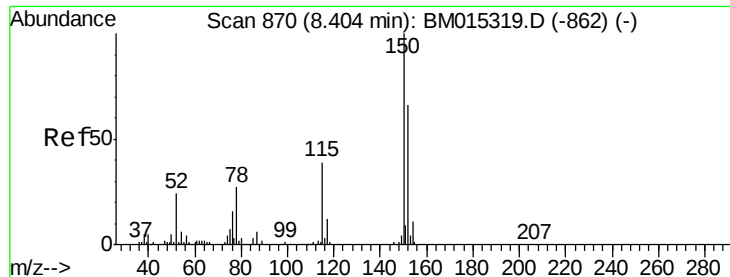
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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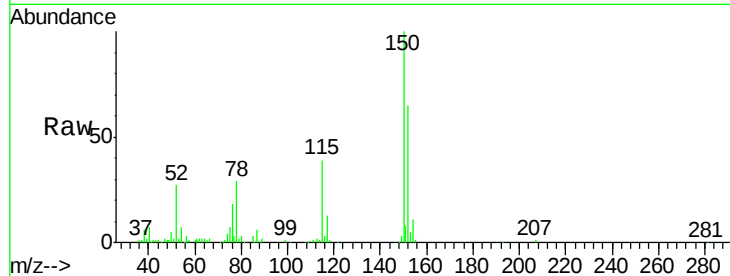


#1

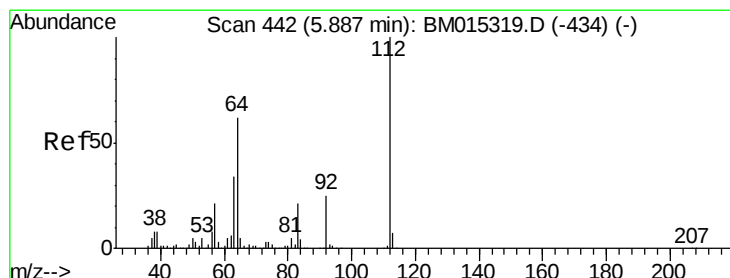
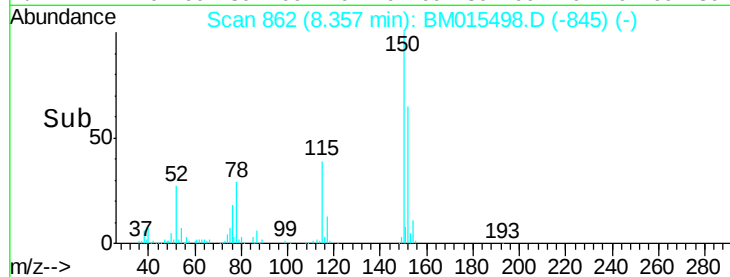
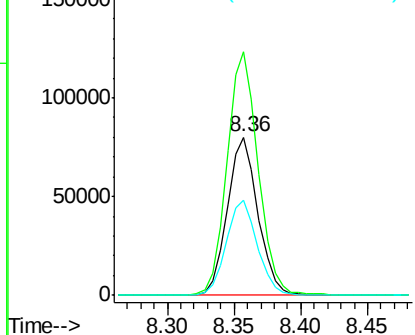
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.36 min Scan# 862
Delta R.T. 0.00 min
Lab File: BM015498.D
Acq: 06 Jun 2018 20:34

Instrument :
BNA_M
ClientSampleId :
ROCKPILE-SANDPILE

Tot Ion:152 Resp: 128364
Ion Ratio Lower Upper
152 100
150 153.9 119.5 179.3
115 60.3 43.0 64.4



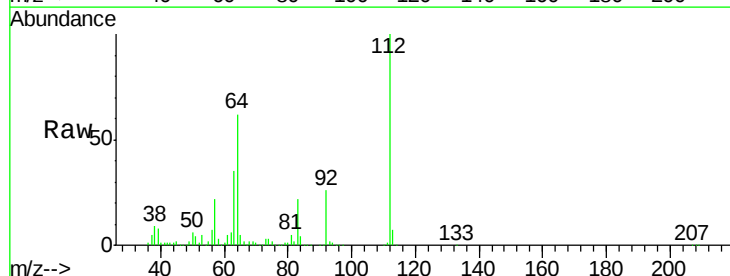
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



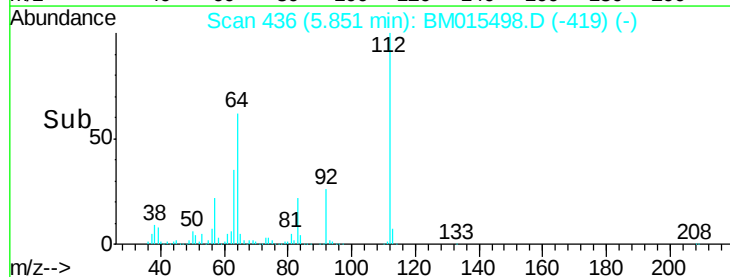
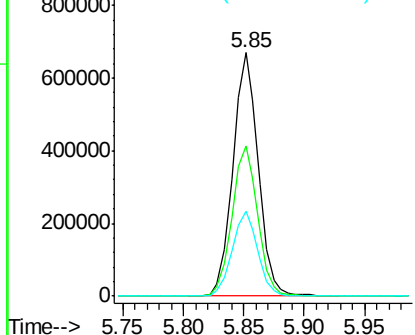
#5

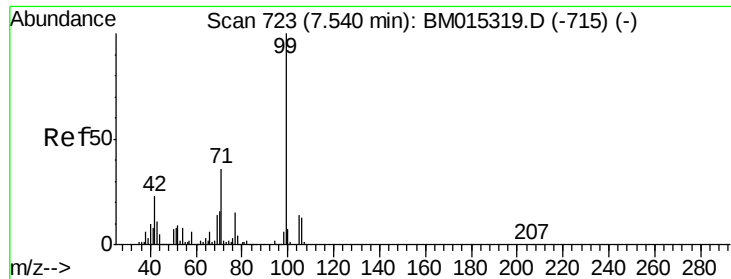
2-Fluorophenol
Concen: 129.449 ng
RT: 5.85 min Scan# 436
Delta R.T. 0.00 min
Lab File: BM015498.D
Acq: 06 Jun 2018 20:34

Tgt Ion:112 Resp: 976865
Ion Ratio Lower Upper
112 100
64 61.9 38.6 57.8#
63 34.8 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: 99.888 ng

RT: 7.50 min Scan# 716

Delta R.T. -0.01 min

Lab File: BM015498.D

Acq: 06 Jun 2018 20:34

Instrument :

BNA_M

ClientSampleId :

ROCKPILE-SANDPILE

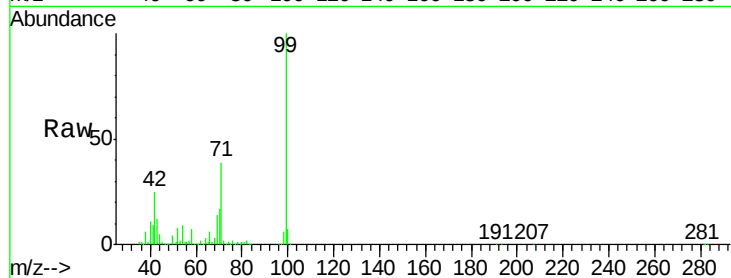
Tot Ion: 99 Resp: 1139302

Ion Ratio Lower Upper

99 100

42 24.9 11.0 16.4#

71 38.7 23.4 35.2#

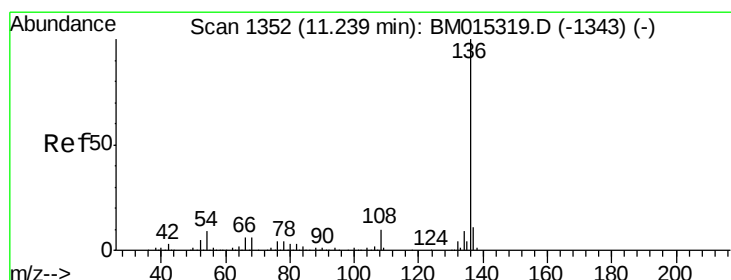
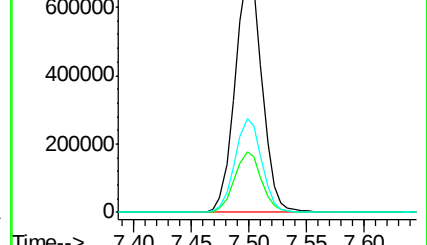
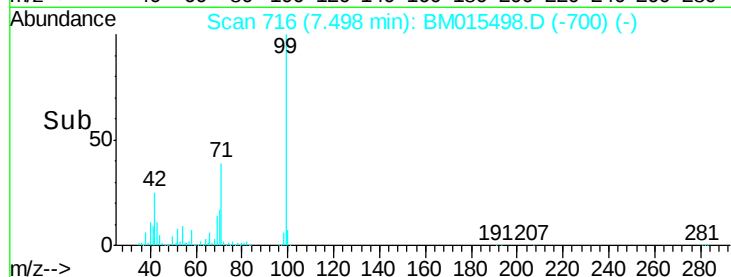


Abundance Ion 99.00 (98.70 to 99.70): BM015319.D (-715) (-)

Ion 42.00 (41.70 to 42.70): BM015319.D (-715) (-)

Ion 71.00 (70.70 to 71.70): BM015319.D (-715) (-)

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.19 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BM015498.D

Acq: 06 Jun 2018 20:34

Tgt Ion: 136 Resp: 482391

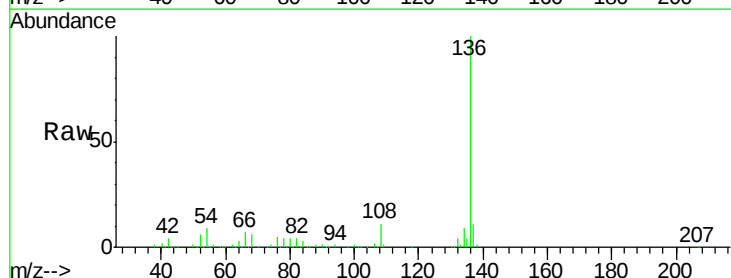
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 8.8 4.6 6.8#

68 5.9 3.7 5.5#



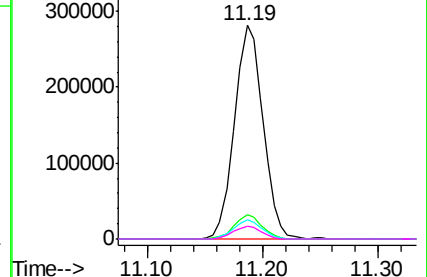
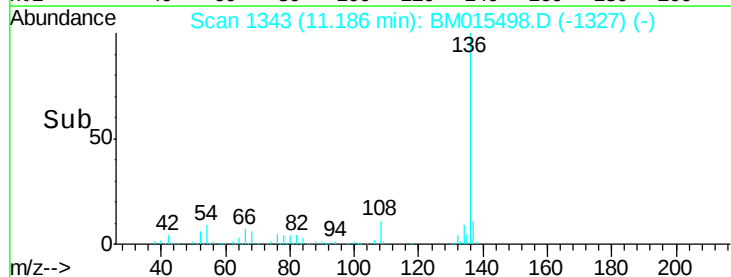
Abundance Ion 136.00 (135.70 to 136.70): BM015319.D (-1343) (-)

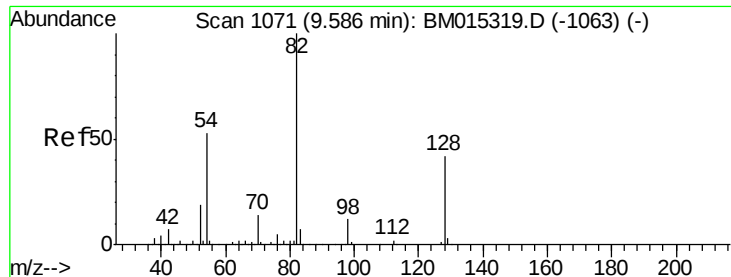
Ion 137.00 (136.70 to 137.70): BM015319.D (-1343) (-)

Ion 54.00 (53.70 to 54.70): BM015319.D (-1343) (-)

Ion 68.00 (67.70 to 68.70): BM015319.D (-1343) (-)

Time-->

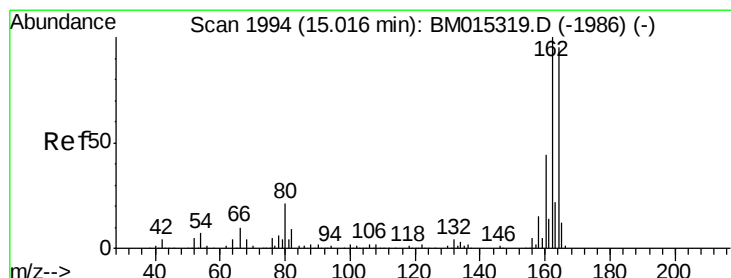
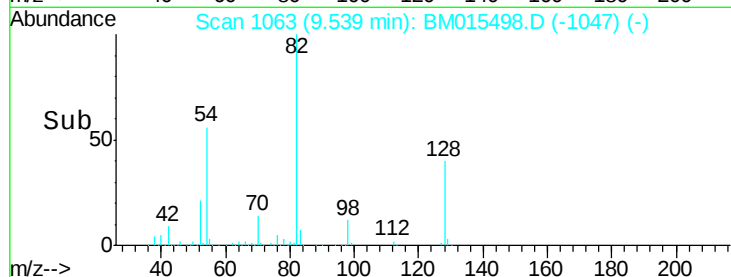
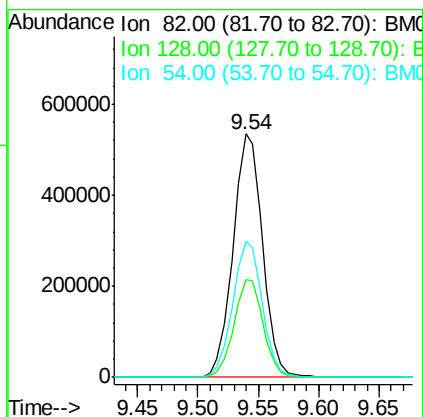
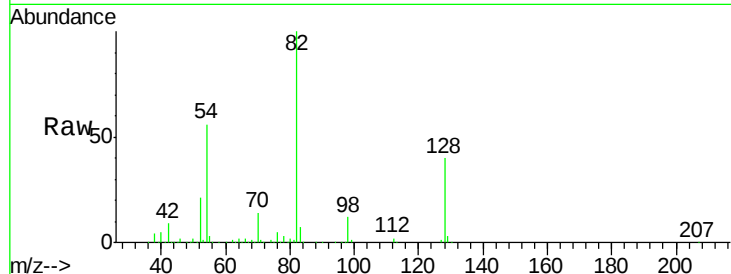




#23
 Nitrobenzene-d5
 Concen: 102.781 ng
 RT: 9.54 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BM015498.D
 Acq: 06 Jun 2018 20:34

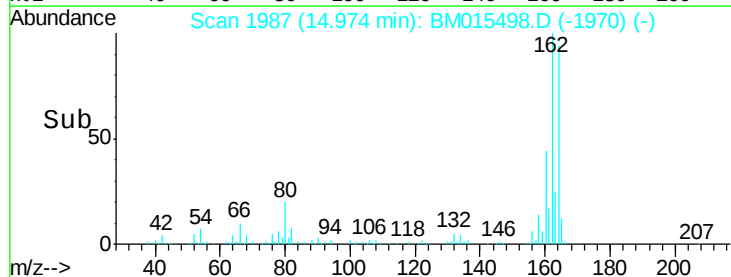
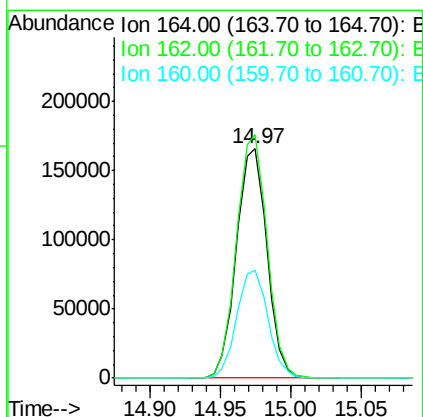
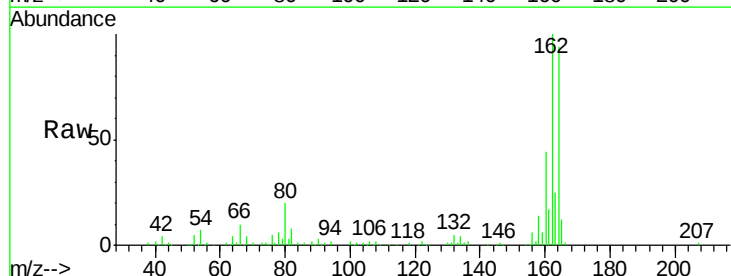
Instrument :
 BNA_M
 ClientSampleId :
 ROCKPILE-SANDPILE

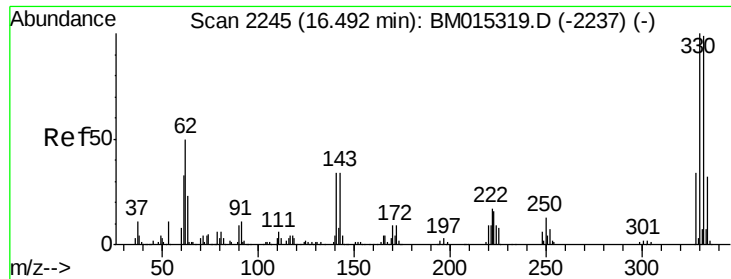
Tot Ion	82	Resp	911526
Ion Ratio	Lower	Upper	
82	100		
128	40.3	32.8	49.2
54	55.7	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.97 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: BM015498.D
 Acq: 06 Jun 2018 20:34

Tgt Ion	164	Resp	250874
Ion Ratio	Lower	Upper	
164	100		
162	106.2	82.4	123.6
160	46.9	35.8	53.6

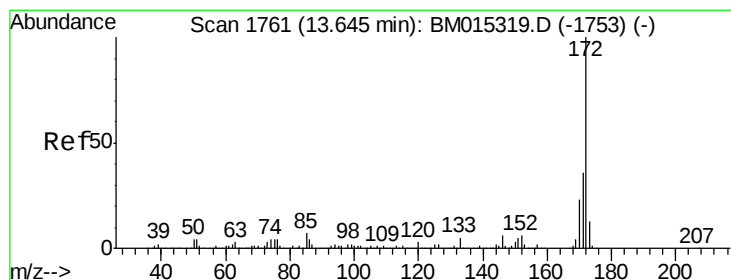
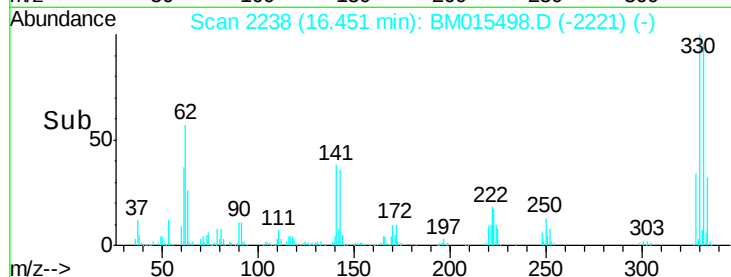
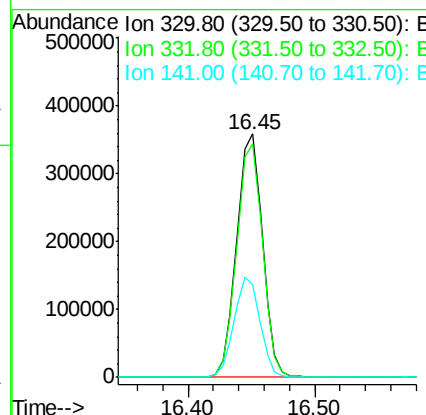
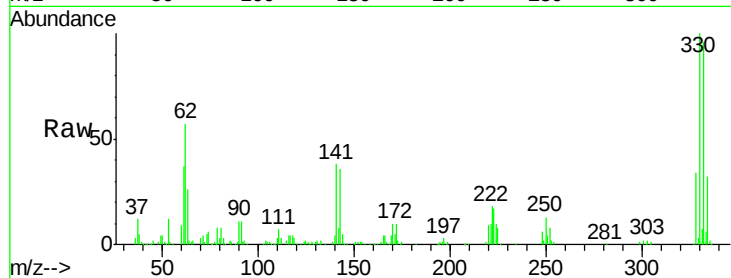




#41
 2,4,6-Tribromophenol
 Concen: 139.810 ng
 RT: 16.45 min Scan# 2238
 Delta R.T. 0.00 min
 Lab File: BM015498.D
 Acq: 06 Jun 2018 20:34

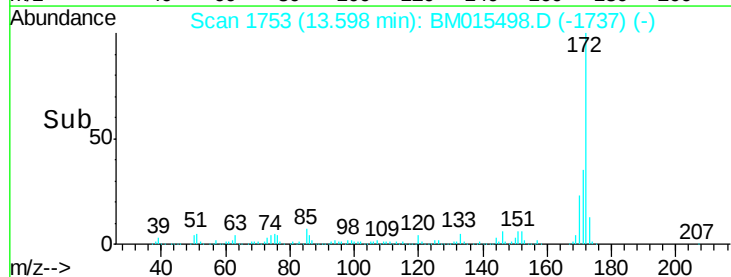
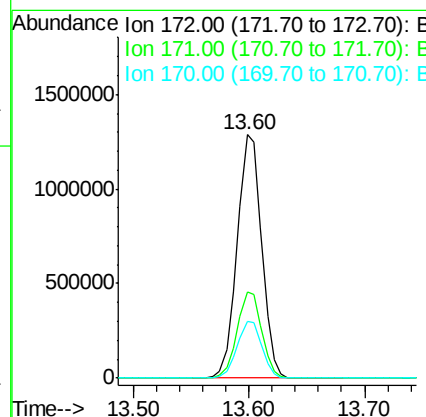
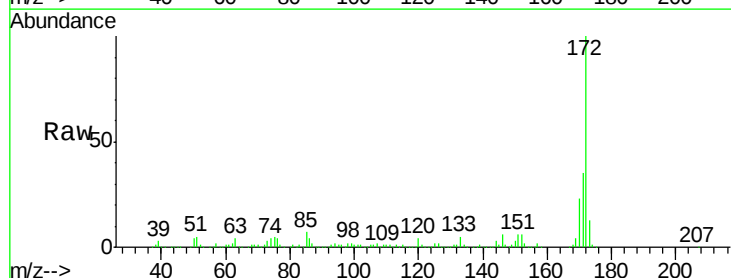
Instrument :
 BNA_M
 ClientSampleId :
 ROCKPILE-SANDPILE

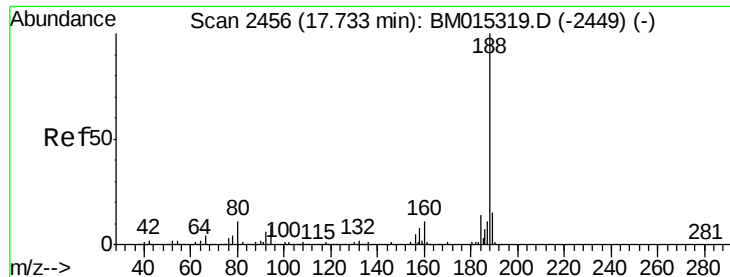
Tot Ion:330 Resp: 504050
 Ion Ratio Lower Upper
 330 100
 332 96.6 0.0 0.0#
 141 41.3 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 100.918 ng
 RT: 13.60 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BM015498.D
 Acq: 06 Jun 2018 20:34

Tgt Ion:172 Resp: 1885636
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.5 42.7
 170 23.3 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: BM015498.D

Acq: 06 Jun 2018 20:34

Instrument :

BNA_M

ClientSampleId :

ROCKPILE-SANDPILE

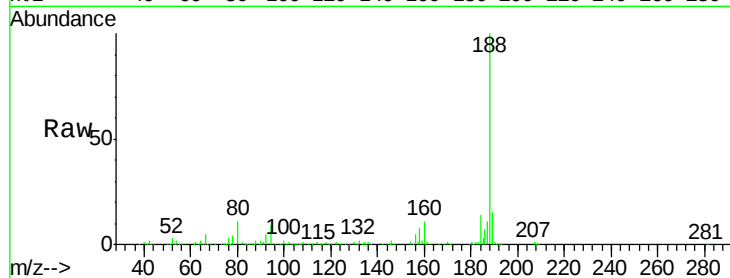
Tot Ion:188 Resp: 548425

Ion Ratio Lower Upper

188 100

94 9.2 8.7 13.1

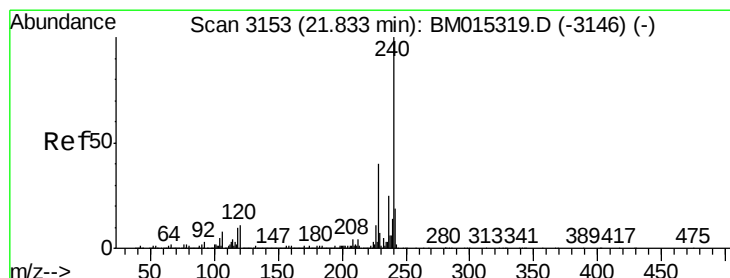
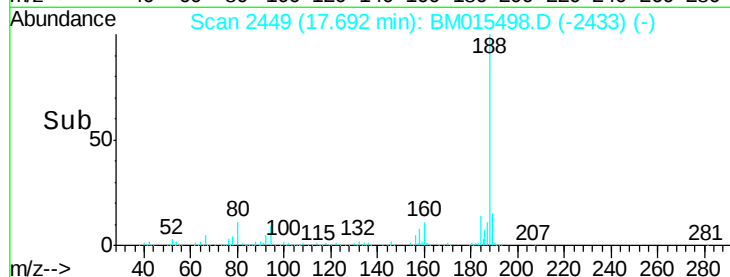
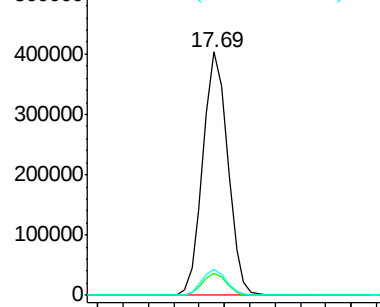
80 10.6 9.3 13.9



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: BM015498.D

Acq: 06 Jun 2018 20:34

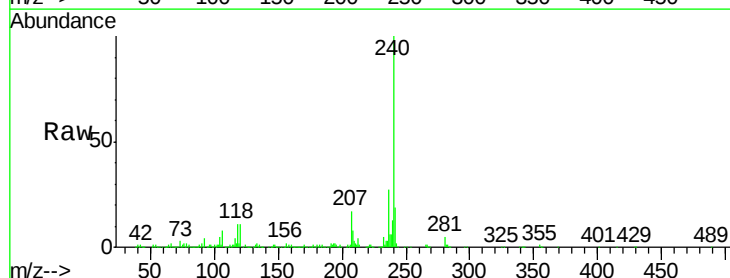
Tgt Ion:240 Resp: 556664

Ion Ratio Lower Upper

240 100

120 11.2 8.2 12.2

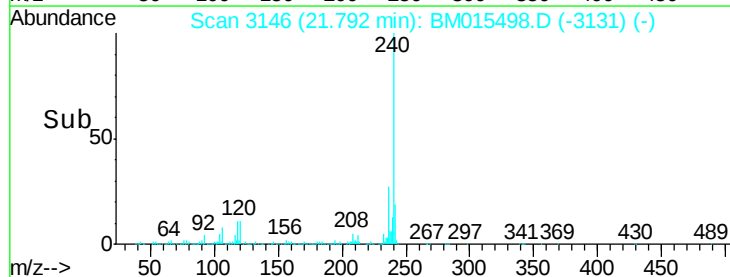
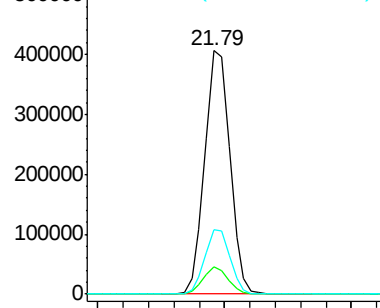
236 26.6 20.0 30.0

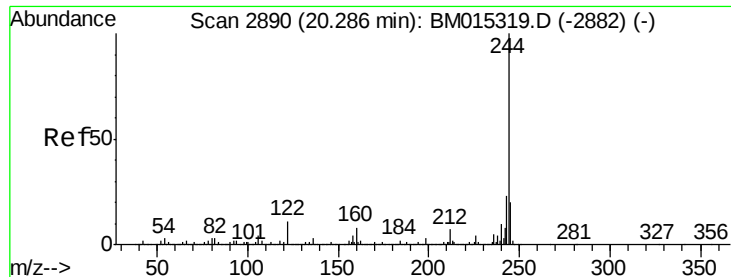


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 117.804 ng

RT: 20.25 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BM015498.D

Acq: 06 Jun 2018 20:34

Instrument :

BNA_M

ClientSampleId :

ROCKPILE-SANDPILE

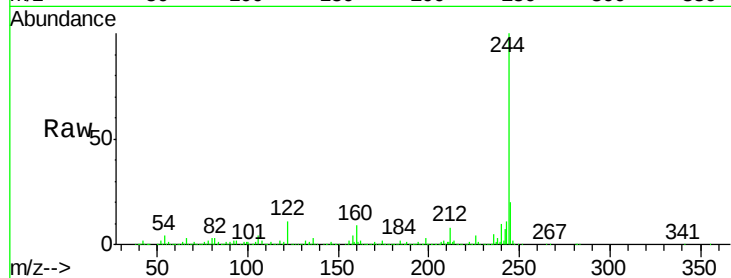
Tot Ion:244 Resp: 2841100

Ion Ratio Lower Upper

244 100

212 7.7 4.9 7.3#

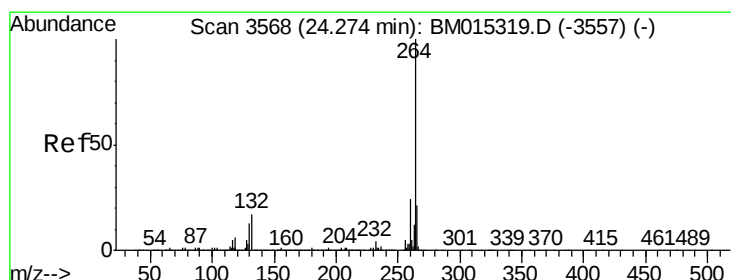
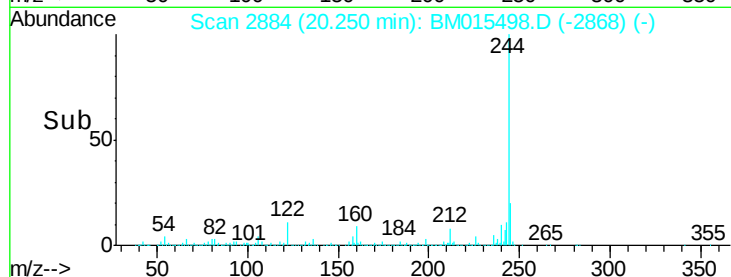
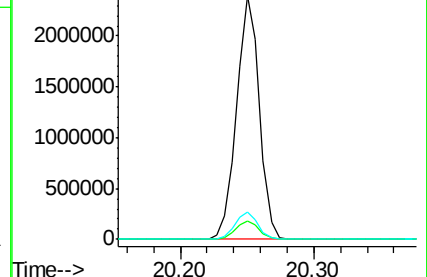
122 11.4 6.2 9.4#



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# 3558

Delta R.T. -0.01 min

Lab File: BM015498.D

Acq: 06 Jun 2018 20:34

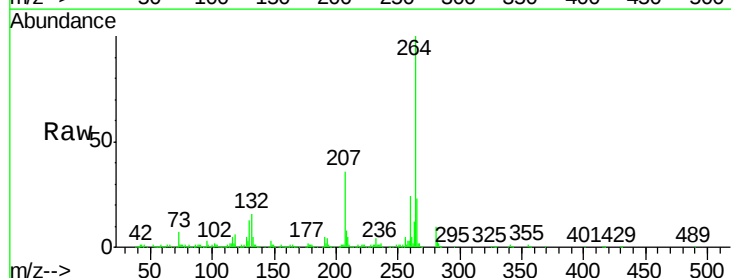
Tgt Ion:264 Resp: 582873

Ion Ratio Lower Upper

264 100

260 24.0 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

