

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060618\
 Data File : BM015502.D
 Acq On : 06 Jun 2018 23:02
 Operator : SJ/JU
 Sample : J3304-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 07 03:19:18 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	136148	20.00	ng	0.00
21) Naphthalene-d8	11.19	136	505493	20.00	ng	0.00
38) Acenaphthene-d10	14.97	164	256995	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	534971	20.00	ng	0.00
75) Chrysene-d12	21.79	240	567328	20.00	ng	-0.01
86) Perylene-d12	24.21	264	589426	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	1119673	139.89	ng	0.00
7) Phenol-d6	7.50	99	1282069	105.98	ng	0.00
23) Nitrobenzene-d5	9.54	82	1055572	113.58	ng	0.00
41) 2,4,6-Tribromophenol	16.45	330	559403	151.47	ng	0.00
44) 2-Fluorobiphenyl	13.60	172	2141917	111.90	ng	0.00
78) Terphenyl-d14	20.25	244	3243257	131.95	ng	0.00

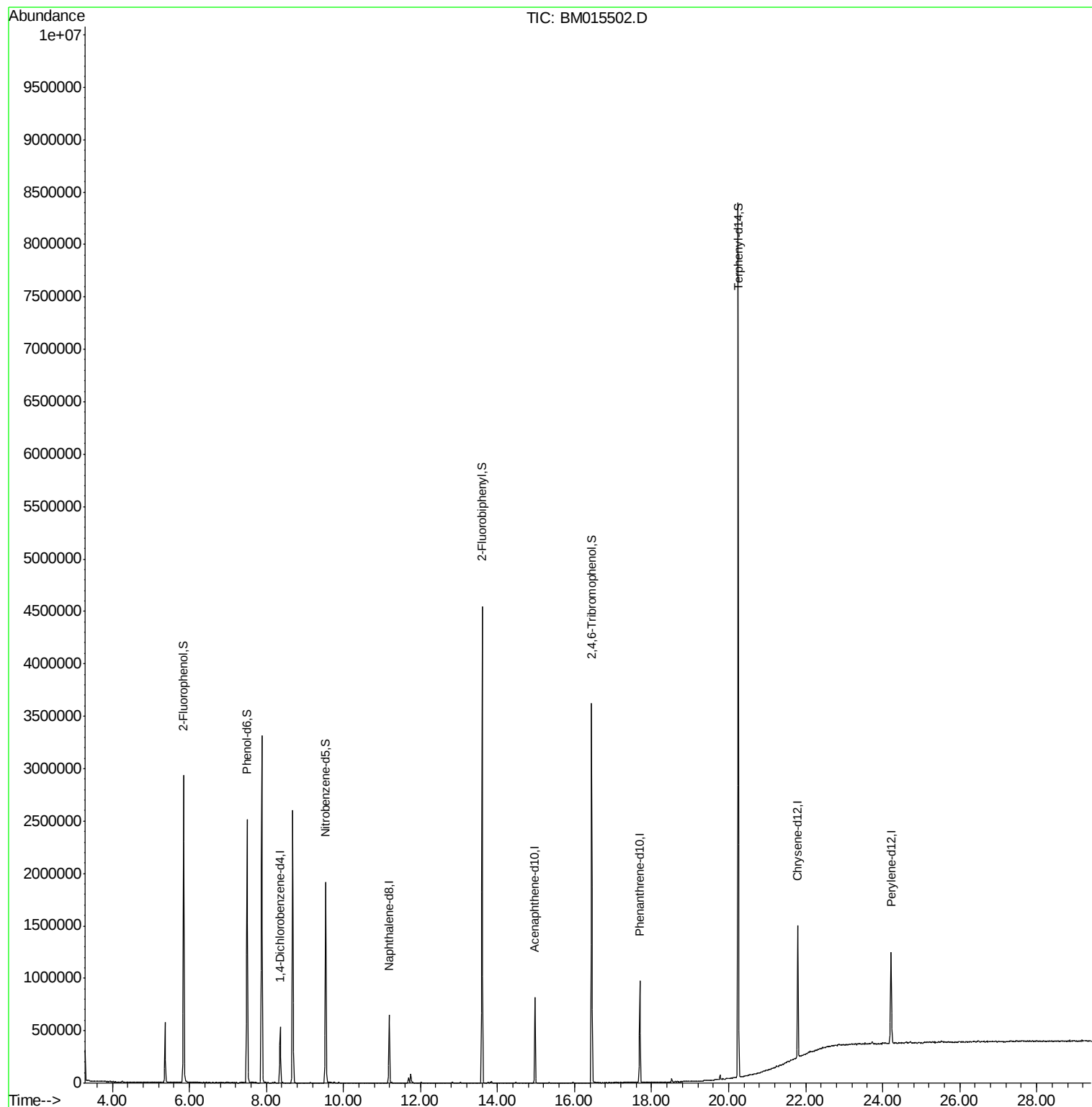
Target Compounds Qvalue

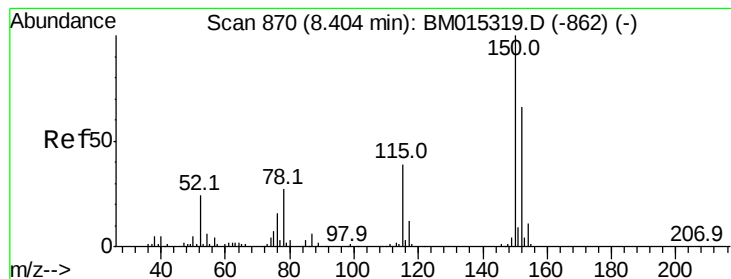
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060618\
Data File : BM015502.D
Acq On : 06 Jun 2018 23:02
Operator : SJ/JU
Sample : J3304-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jun 07 03:19:18 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



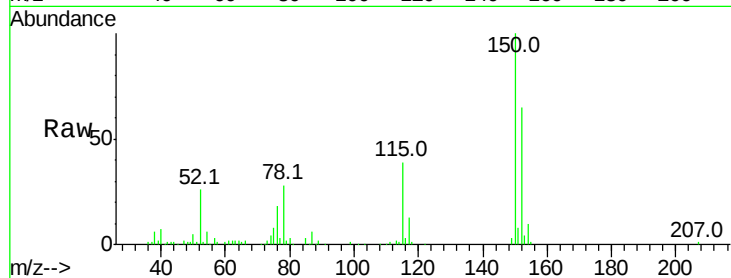


#1

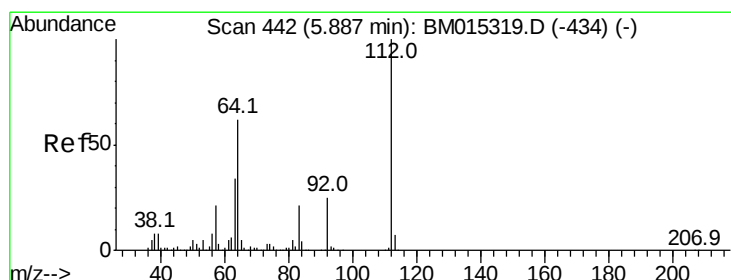
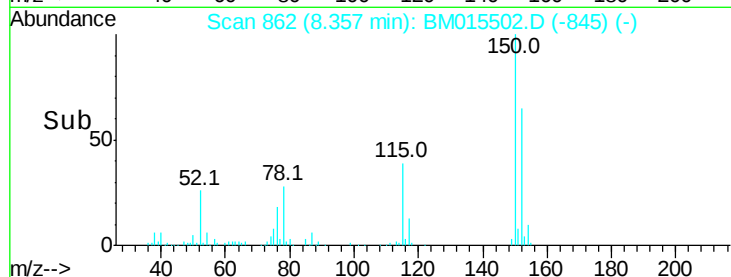
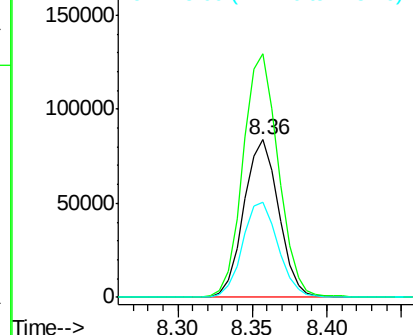
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.36 min Scan# 862
Delta R.T. 0.00 min
Lab File: BM015502.D
Acq: 06 Jun 2018 23:02

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 136148
Ion Ratio Lower Upper
152 100
150 154.3 119.5 179.3
115 60.4 43.0 64.4



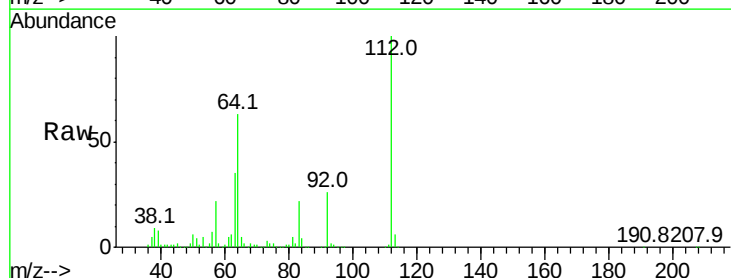
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



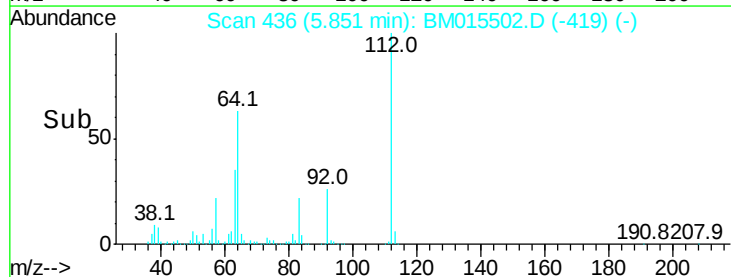
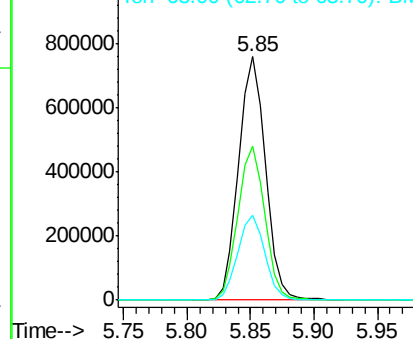
#5

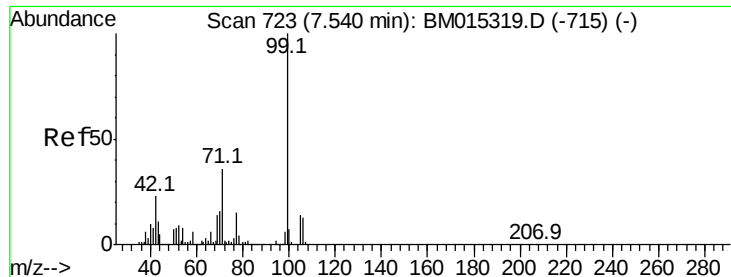
2-Fluorophenol
Concen: 139.890 ng
RT: 5.85 min Scan# 436
Delta R.T. 0.00 min
Lab File: BM015502.D
Acq: 06 Jun 2018 23:02

Tgt Ion:112 Resp: 1119673
Ion Ratio Lower Upper
112 100
64 63.3 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: 105.978 ng

RT: 7.50 min Scan# 716

Delta R.T. -0.01 min

Lab File: BM015502.D

Acq: 06 Jun 2018 23:02

Instrument :

BNA_M

ClientSampleId :

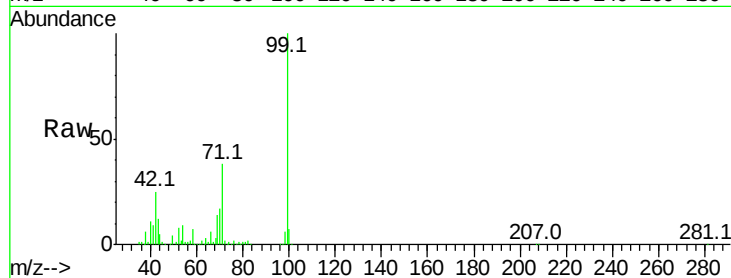
Tot Ion: 99 Resp: 1282069

Ion Ratio Lower Upper

99 100

42 24.7 11.0 16.4#

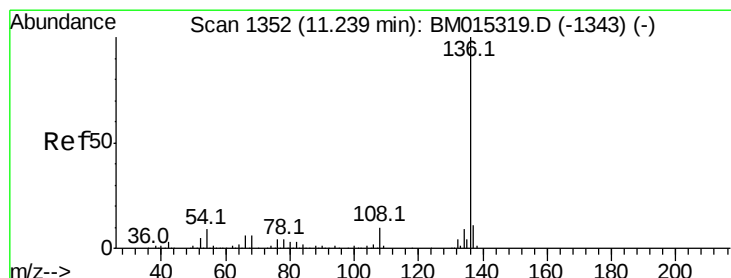
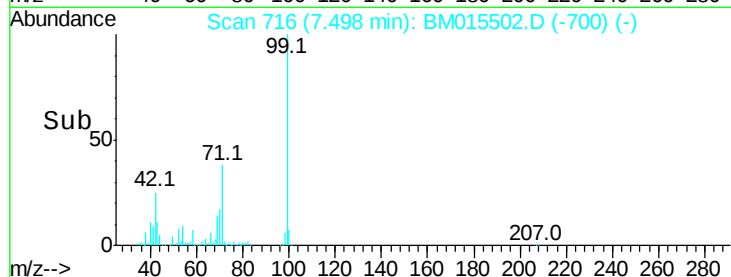
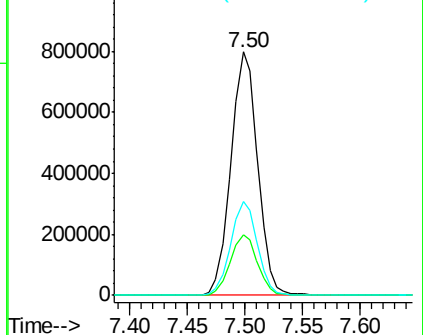
71 38.4 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM015502.D (-715) (-)

Ion 42.00 (41.70 to 42.70): BM015502.D (-715) (-)

Ion 71.00 (70.70 to 71.70): BM015502.D (-715) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.19 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BM015502.D

Acq: 06 Jun 2018 23:02

Tgt Ion: 136 Resp: 505493

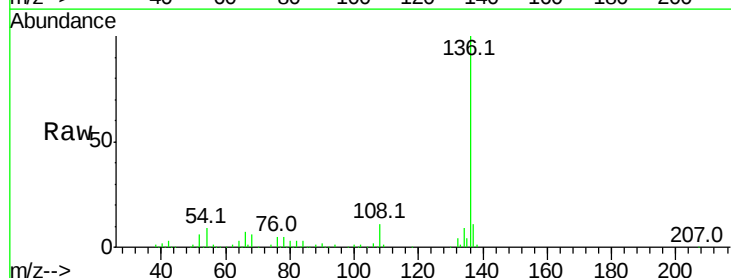
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 9.0 4.6 6.8#

68 6.3 3.7 5.5#

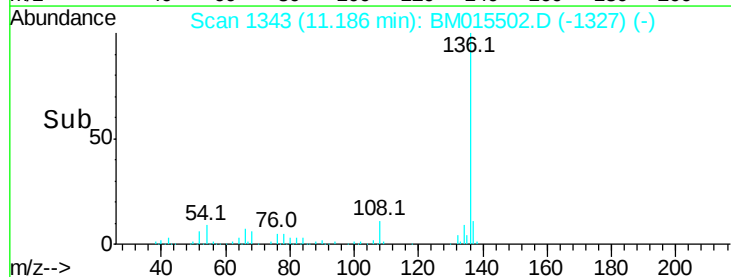
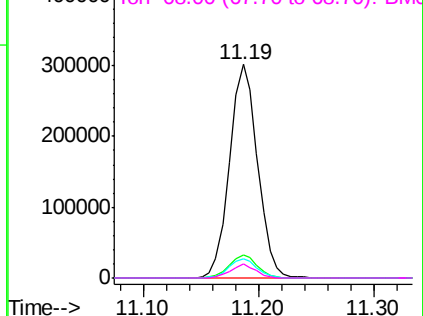


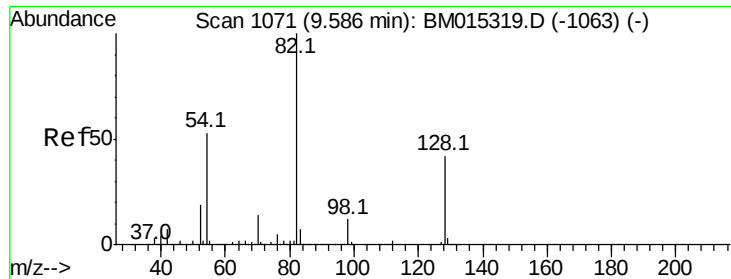
Abundance Ion 136.00 (135.70 to 136.70): BM015502.D (-1327) (-)

Ion 137.00 (136.70 to 137.70): BM015502.D (-1327) (-)

Ion 54.00 (53.70 to 54.70): BM015502.D (-1327) (-)

Ion 68.00 (67.70 to 68.70): BM015502.D (-1327) (-)

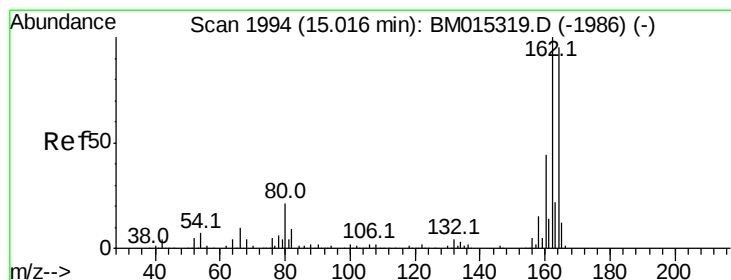
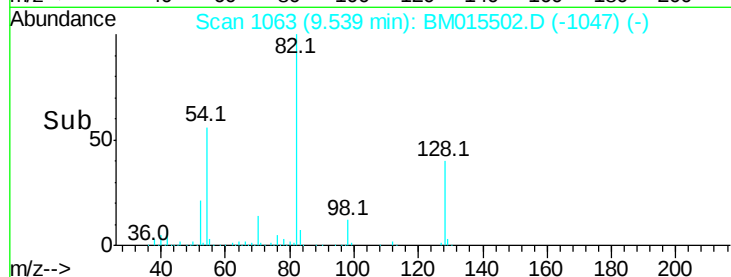
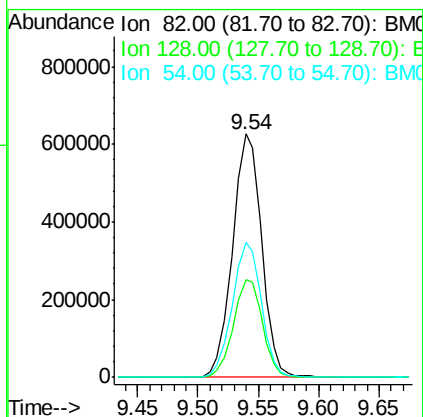
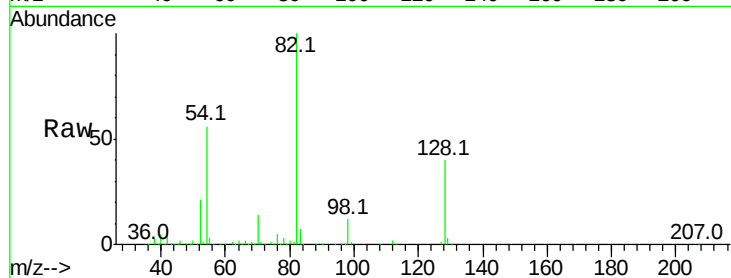




#23
 Nitrobenzene-d5
 Concen: 113.584 ng
 RT: 9.54 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BM015502.D
 Acq: 06 Jun 2018 23:02

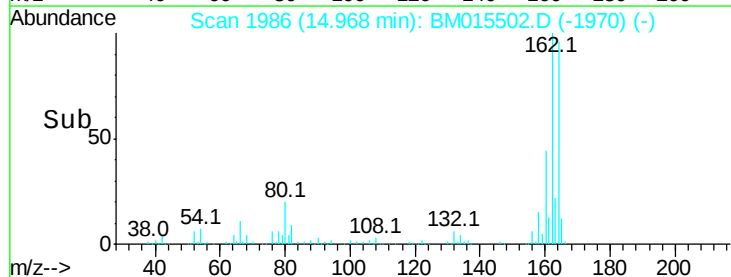
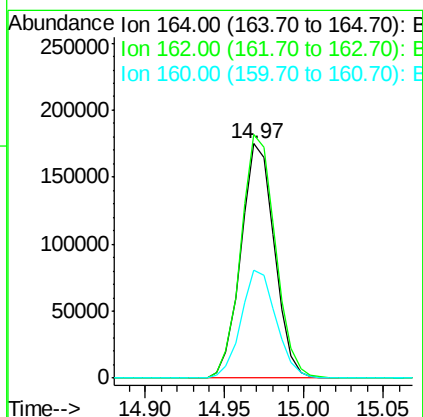
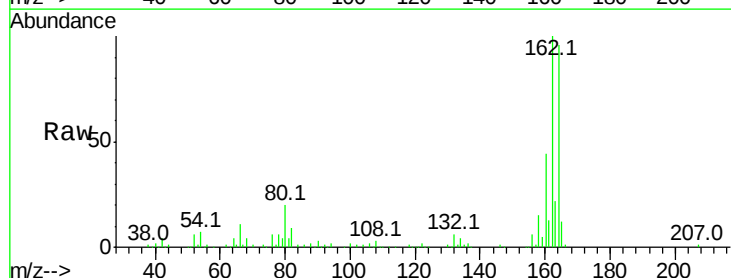
Instrument :
 BNA_M
 ClientSampled :

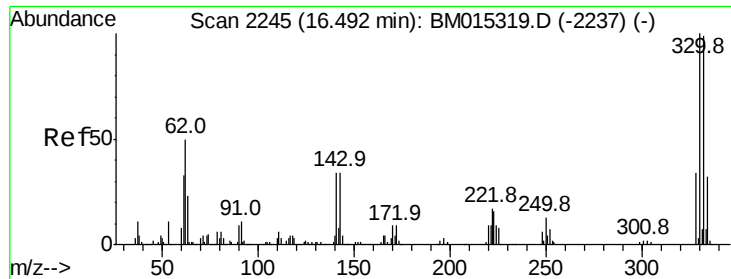
Tot Ion: 82 Resp: 1055572
 Ion Ratio Lower Upper
 82 100
 128 40.3 32.8 49.2
 54 55.5 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.97 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BM015502.D
 Acq: 06 Jun 2018 23:02

Tgt Ion: 164 Resp: 256995
 Ion Ratio Lower Upper
 164 100
 162 103.9 82.4 123.6
 160 45.9 35.8 53.6

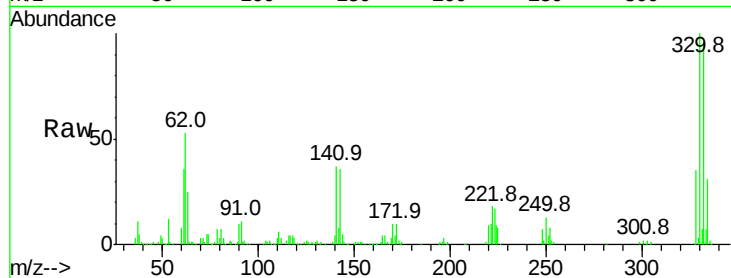




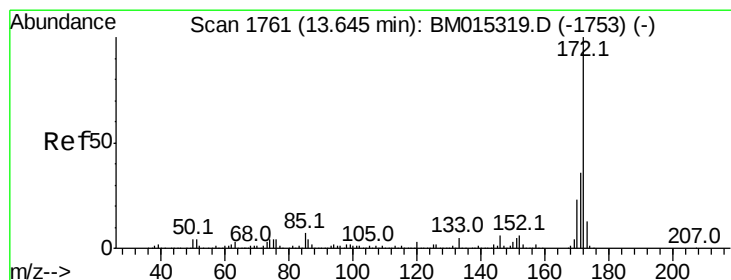
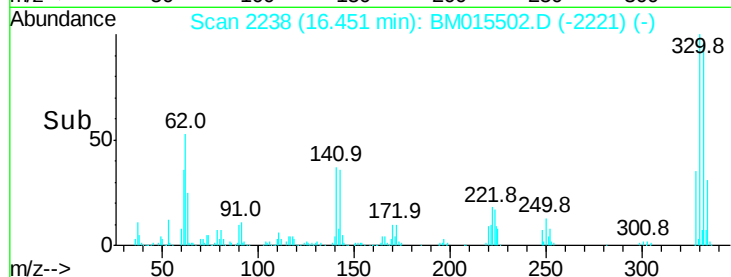
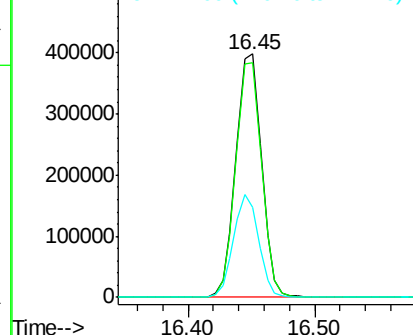
#41
 2,4,6-Tribromophenol
 Concen: 151.468 ng
 RT: 16.45 min Scan# 2238
 Delta R.T. 0.00 min
 Lab File: BM015502.D
 Acq: 06 Jun 2018 23:02

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	0.0	0.0#
141	41.3	0.0	0.0#

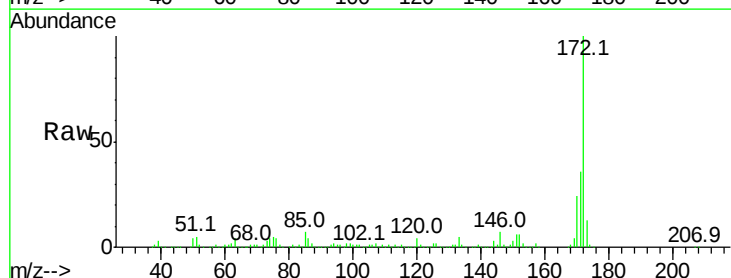


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

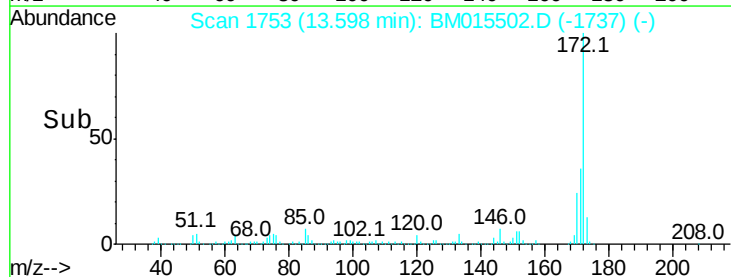
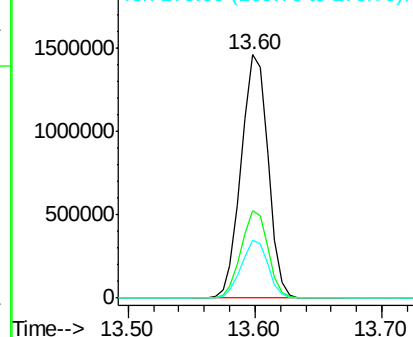


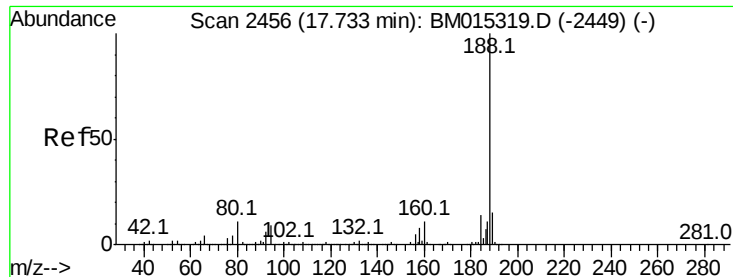
#44
 2-Fluorobiphenyl
 Concen: 111.904 ng
 RT: 13.60 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BM015502.D
 Acq: 06 Jun 2018 23:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.5	42.7
170	23.7	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: BM015502.D

Acq: 06 Jun 2018 23:02

Instrument :

BNA_M

ClientSampled :

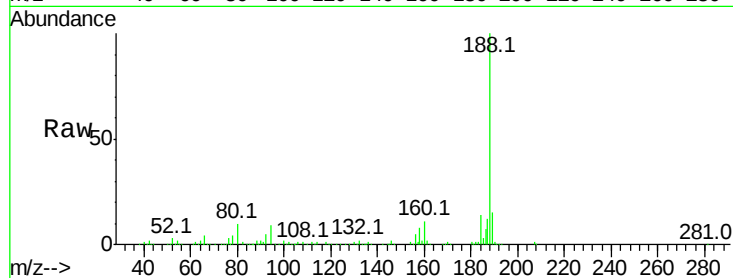
Tot Ion:188 Resp: 534971

Ion Ratio Lower Upper

188 100

94 8.9 8.7 13.1

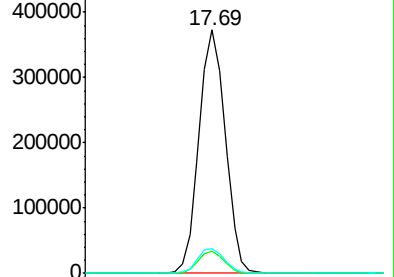
80 10.0 9.3 13.9



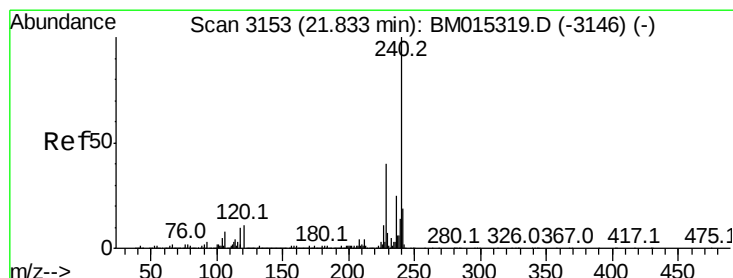
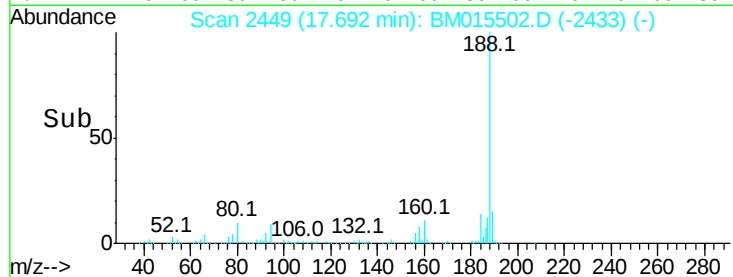
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



Time--> 17.60 17.70 17.80



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BM015502.D

Acq: 06 Jun 2018 23:02

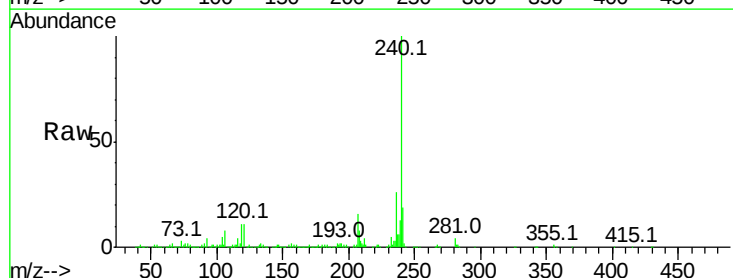
Tgt Ion:240 Resp: 567328

Ion Ratio Lower Upper

240 100

120 11.5 8.2 12.2

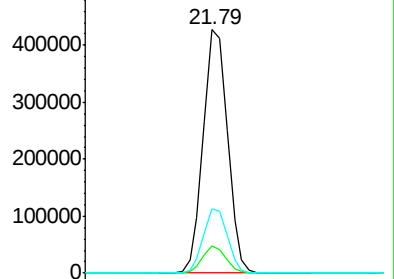
236 26.2 20.0 30.0



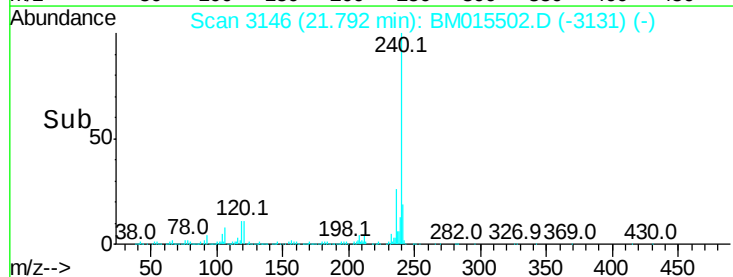
Abundance Ion 240.00 (239.70 to 240.70): E

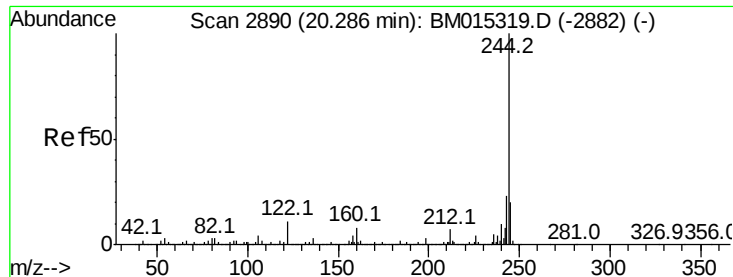
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.70 21.80 21.90





#78

Terphenyl-d14

Concen: 131.952 ng

RT: 20.25 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BM015502.D

Acq: 06 Jun 2018 23:02

Instrument :

BNA_M

ClientSampleId :

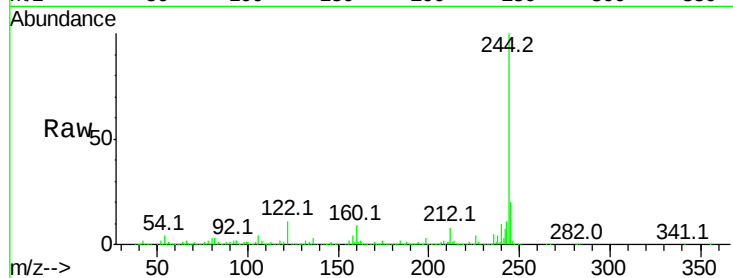
Tot Ion:244 Resp: 3243257

Ion Ratio Lower Upper

244 100

212 7.7 4.9 7.3#

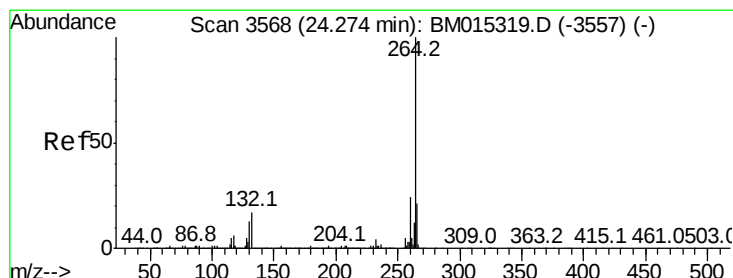
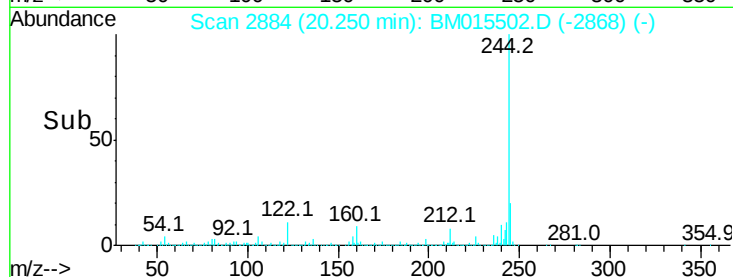
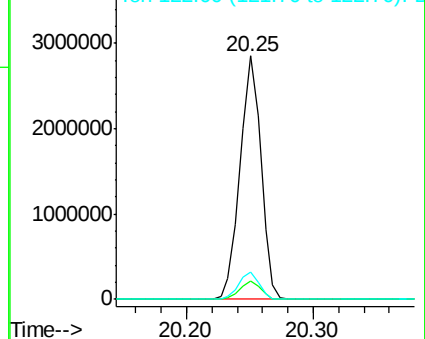
122 11.4 6.2 9.4#



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: BM015502.D

Acq: 06 Jun 2018 23:02

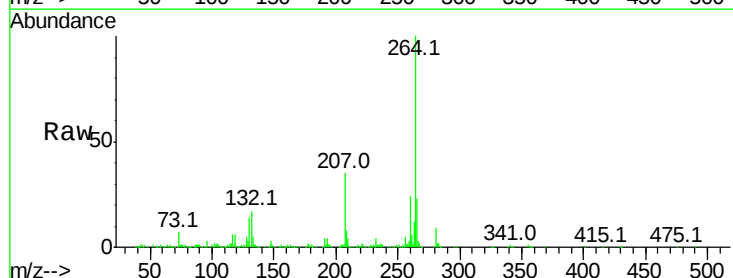
Tgt Ion:264 Resp: 589426

Ion Ratio Lower Upper

264 100

260 24.2 18.6 27.8

265 22.6 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

