

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060618\
 Data File : BM015518.D
 Acq On : 07 Jun 2018 09:34
 Operator : SJ/JU
 Sample : PB109980TB
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB109980TB

Quant Time: Jun 07 12:15:39 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	140686	20.00	ng	0.00
21) Naphthalene-d8	11.18	136	516876	20.00	ng	-0.01
38) Acenaphthene-d10	14.97	164	261126	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	541628	20.00	ng	-0.01
75) Chrysene-d12	21.79	240	541907	20.00	ng	-0.01
86) Perylene-d12	24.21	264	568598	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	1220652	147.59	ng	0.00
7) Phenol-d6	7.50	99	1568126	125.44	ng	0.00
23) Nitrobenzene-d5	9.54	82	994528	104.66	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	500134	133.28	ng	0.00
44) 2-Fluorobiphenyl	13.60	172	2023797	104.06	ng	0.00
78) Terphenyl-d14	20.24	244	2821474	120.18	ng	-0.01

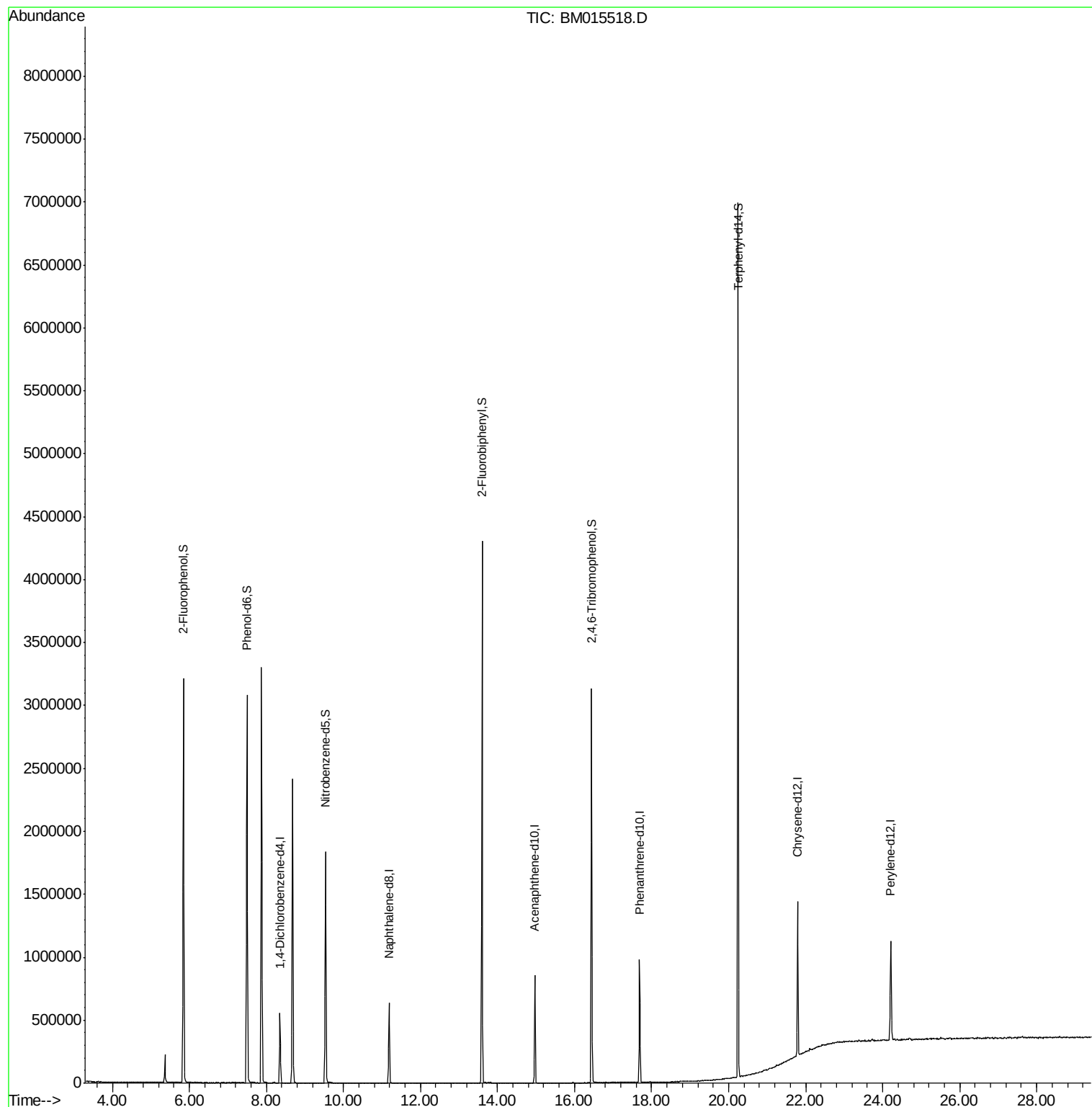
Target Compounds Qvalue

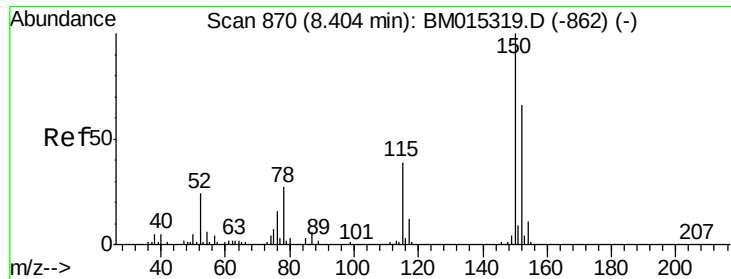
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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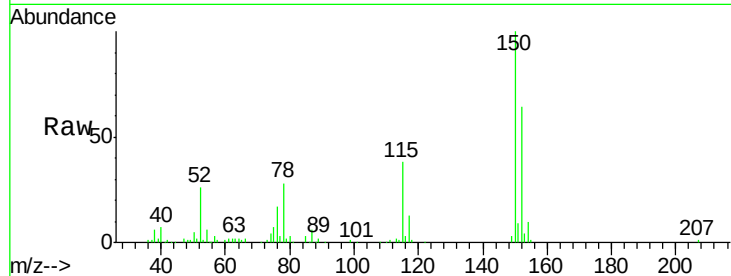


#1

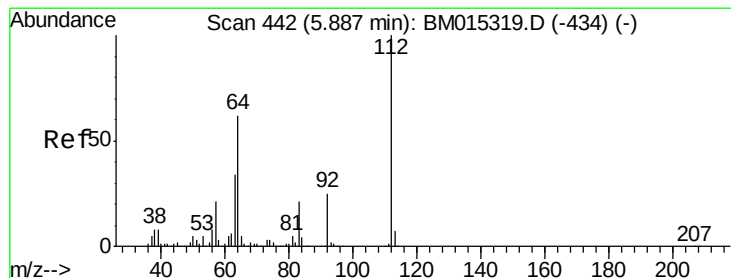
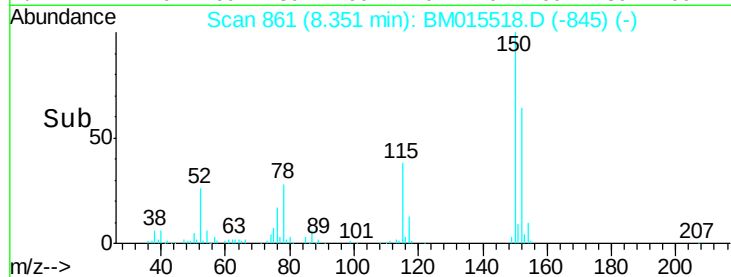
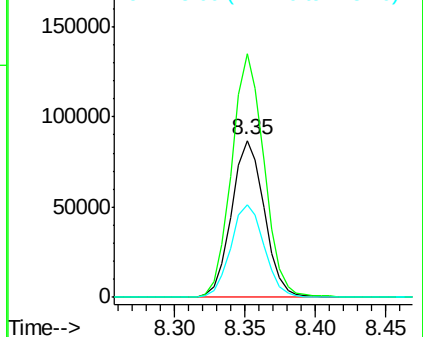
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.35 min Scan# 861
Delta R.T. -0.01 min
Lab File: BM015518.D
Acq: 07 Jun 2018 09:34

Instrument :
BNA_M
ClientSampleId :
PB109980TB

Tot Ion:152 Resp: 140686
Ion Ratio Lower Upper
152 100
150 155.4 119.5 179.3
115 59.4 43.0 64.4



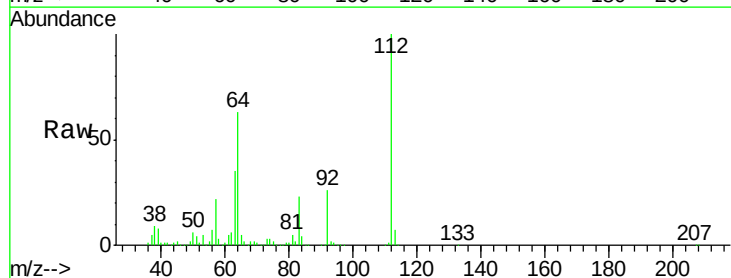
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



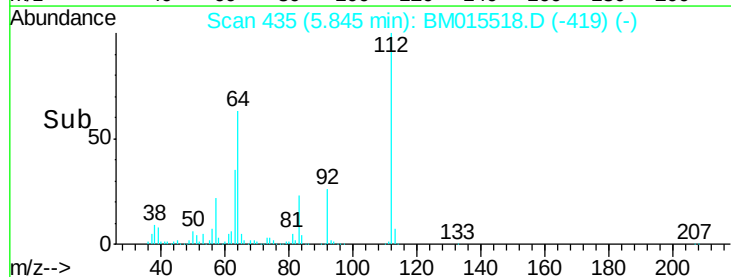
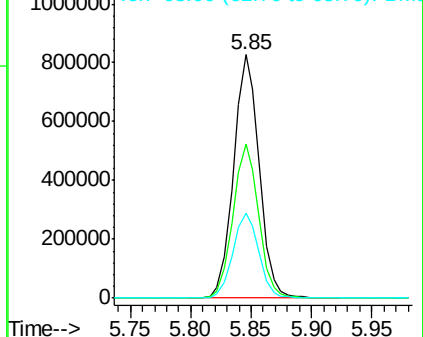
#5

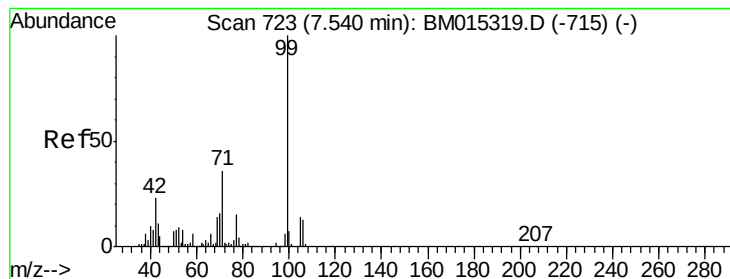
2-Fluorophenol
Concen: 147.587 ng
RT: 5.85 min Scan# 435
Delta R.T. -0.01 min
Lab File: BM015518.D
Acq: 07 Jun 2018 09:34

Tgt Ion:112 Resp: 1220652
Ion Ratio Lower Upper
112 100
64 63.1 38.6 57.8#
63 34.9 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: 125.443 ng

RT: 7.50 min Scan# 716

Delta R.T. -0.01 min

Lab File: BM015518.D

Acq: 07 Jun 2018 09:34

Instrument :

BNA_M

ClientSampleId :

PB109980TB

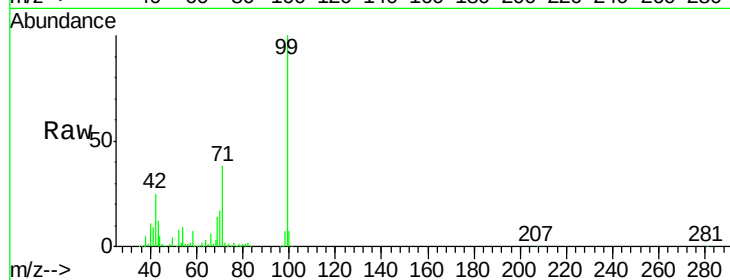
Tot Ion: 99 Resp: 1568126

Ion Ratio Lower Upper

99 100

42 25.1 11.0 16.4#

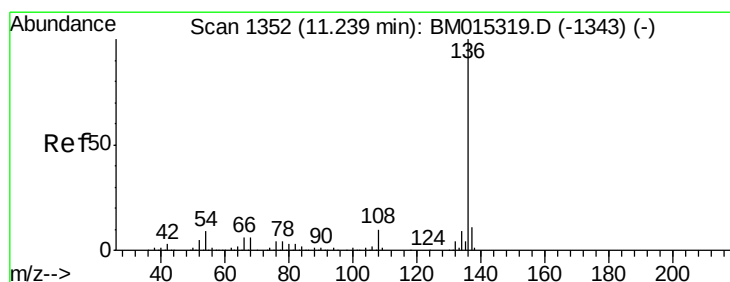
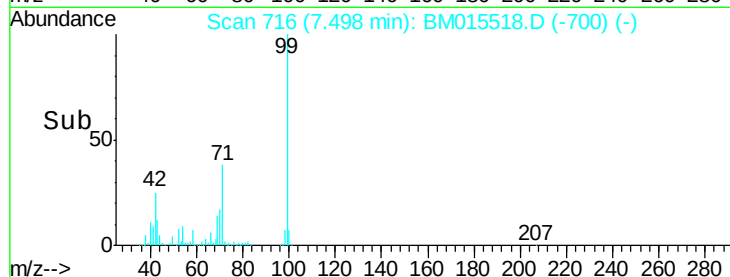
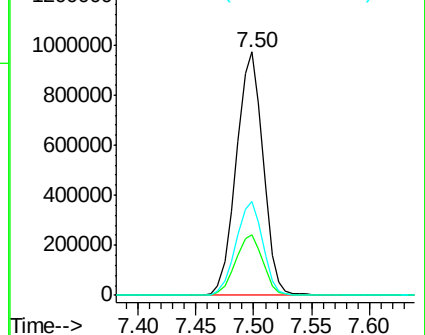
71 38.3 23.4 35.2#



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) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.18 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BM015518.D

Acq: 07 Jun 2018 09:34

Tgt Ion: 136 Resp: 516876

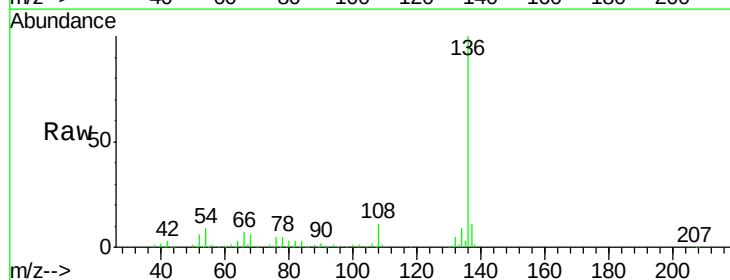
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 8.9 4.6 6.8#

68 5.9 3.7 5.5#

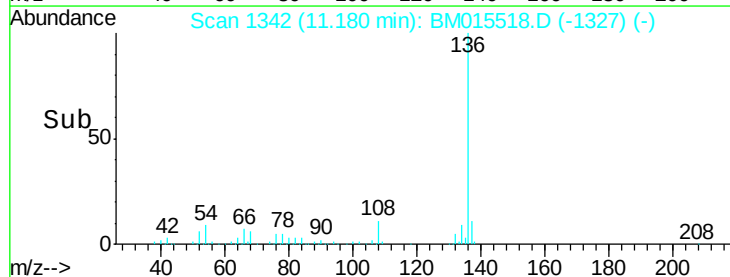
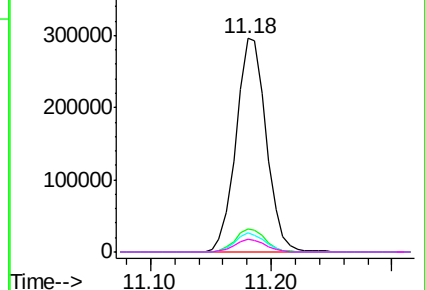


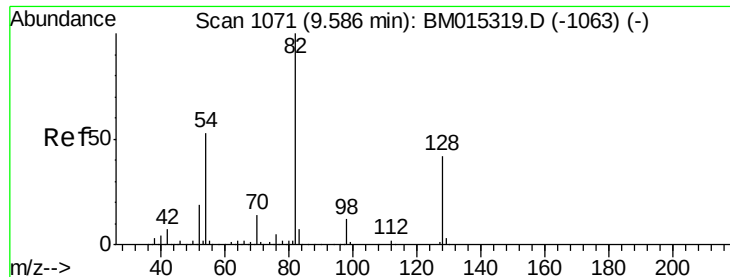
Abundance Ion 136.00 (135.70 to 136.70): BM015319.D (-1343) (-)

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) (-)

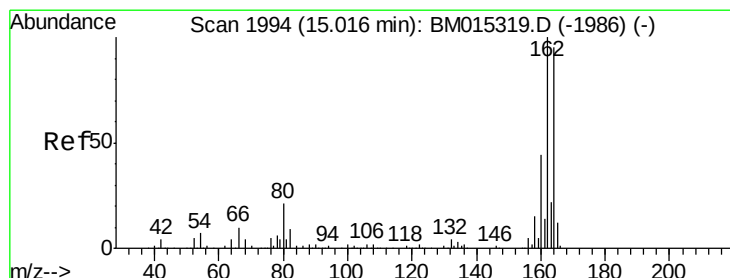
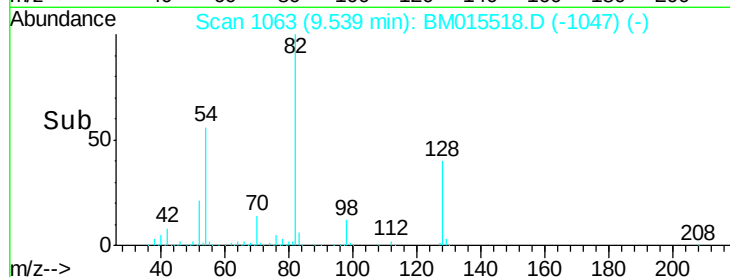
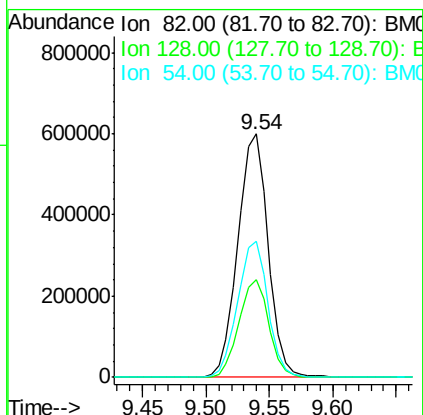
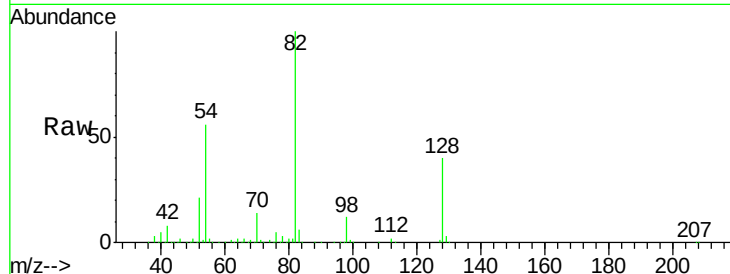




#23
Nitrobenzene-d5
Concen: 104.659 ng
RT: 9.54 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BM015518.D
Acq: 07 Jun 2018 09:34

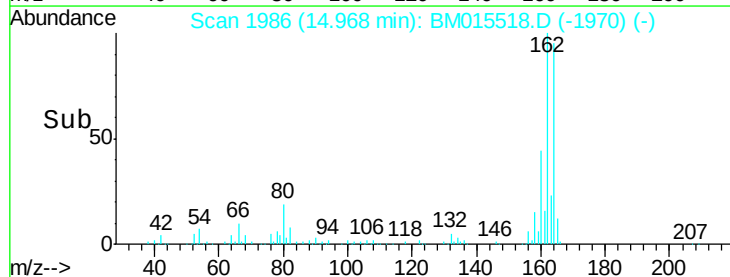
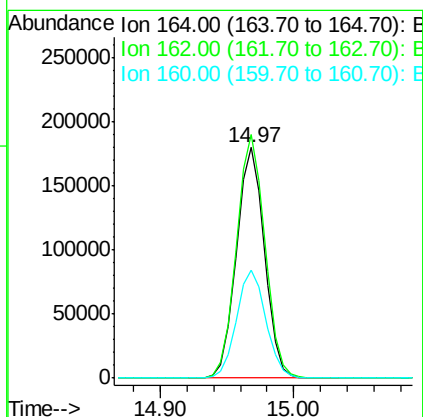
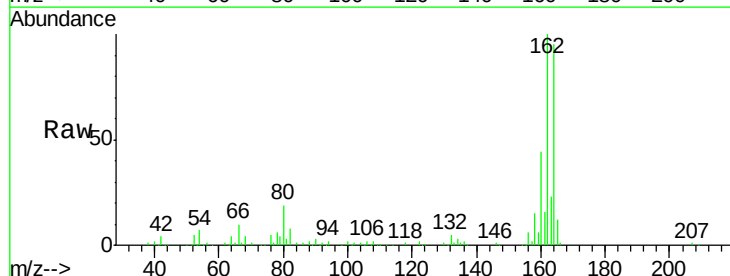
Instrument :
BNA_M
ClientSampleId :
PB109980TB

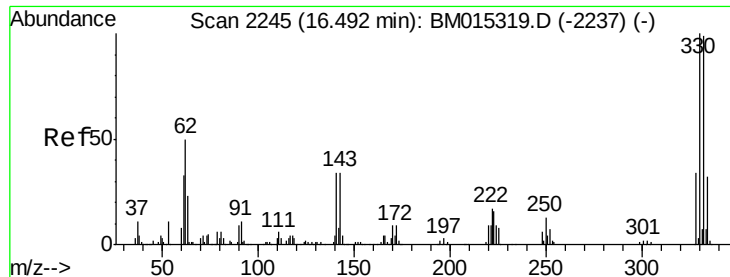
Tot Ion: 82 Resp: 994528
Ion Ratio Lower Upper
82 100
128 40.2 32.8 49.2
54 55.6 40.6 60.8



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.97 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BM015518.D
Acq: 07 Jun 2018 09:34

Tgt Ion: 164 Resp: 261126
Ion Ratio Lower Upper
164 100
162 105.5 82.4 123.6
160 46.7 35.8 53.6

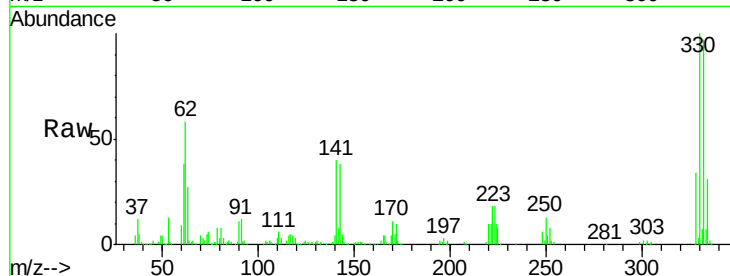




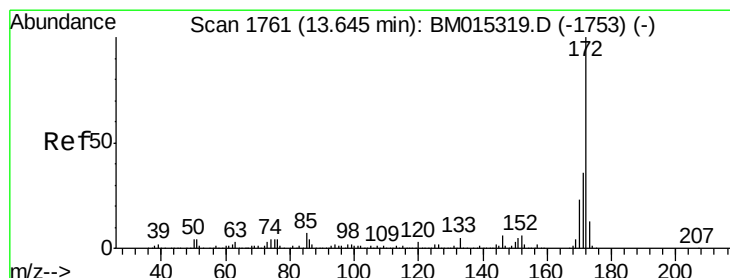
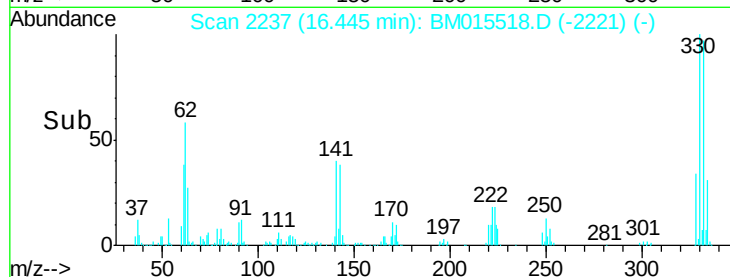
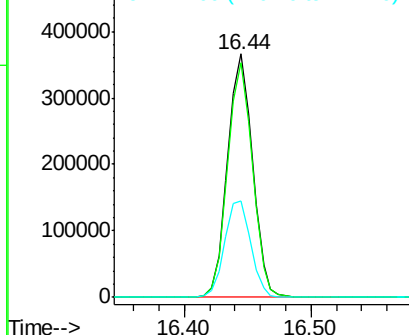
#41
 2,4,6-Tribromophenol
 Concen: 133.277 ng
 RT: 16.44 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BM015518.D
 Acq: 07 Jun 2018 09:34

Instrument :
 BNA_M
 ClientSampleId :
 PB109980TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	41.3	0.0	0.0#

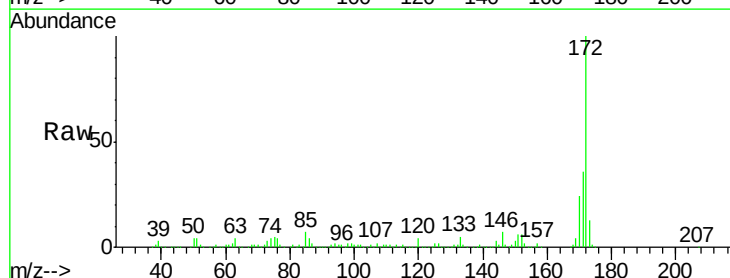


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

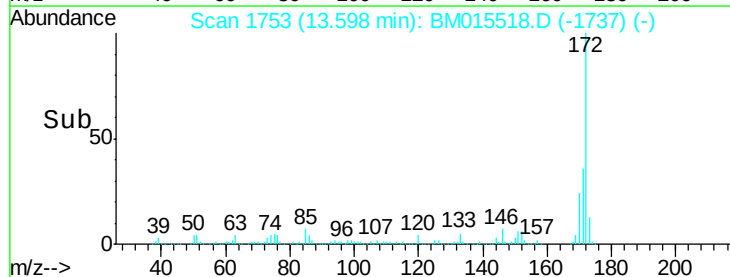
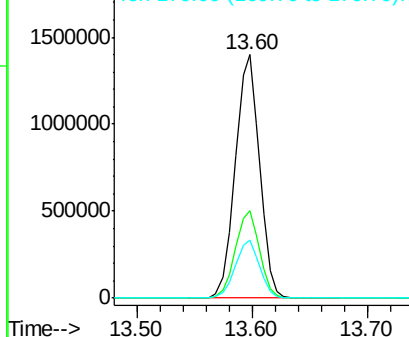


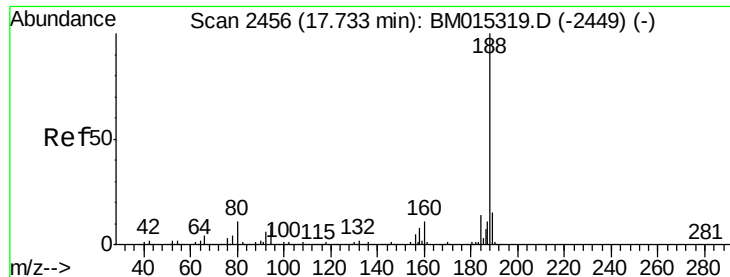
#44
 2-Fluorobiphenyl
 Concen: 104.060 ng
 RT: 13.60 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BM015518.D
 Acq: 07 Jun 2018 09:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	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

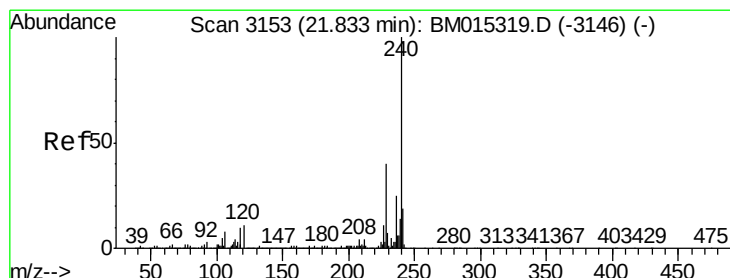
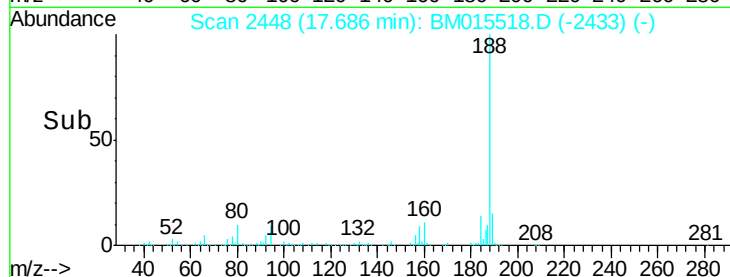
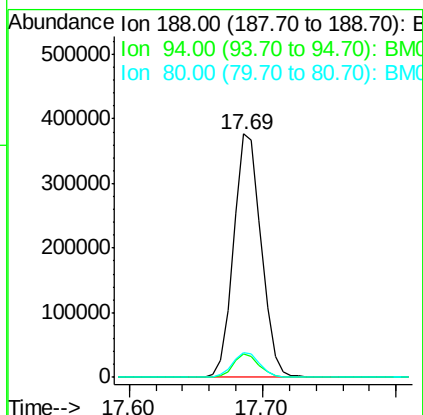
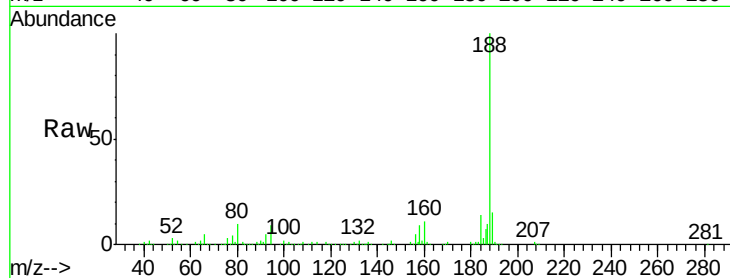




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.69 min Scan# 2448
Delta R.T. -0.01 min
Lab File: BM015518.D
Acq: 07 Jun 2018 09:34

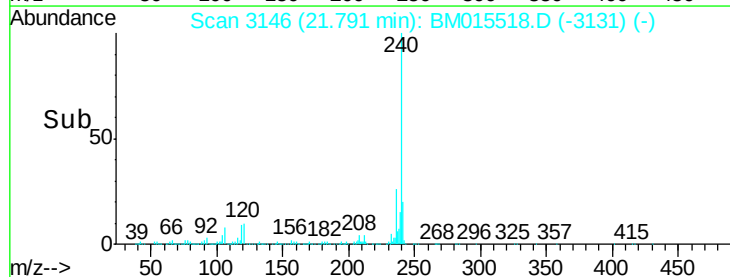
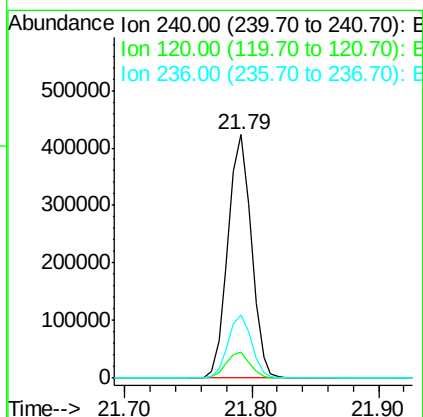
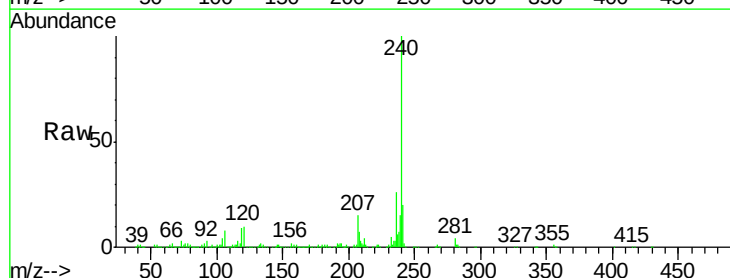
Instrument :
BNA_M
ClientSampleId :
PB109980TB

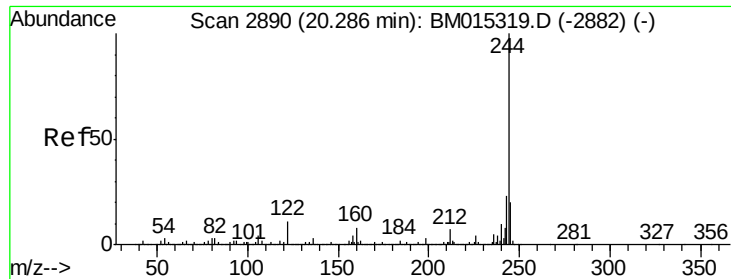
Tot Ion:188 Resp: 541628
Ion Ratio Lower Upper
188 100
94 9.4 8.7 13.1
80 10.2 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BM015518.D
Acq: 07 Jun 2018 09:34

Tgt Ion:240 Resp: 541907
Ion Ratio Lower Upper
240 100
120 10.4 8.2 12.2
236 26.1 20.0 30.0





#78

Terphenyl-d14

Concen: 120.176 ng

RT: 20.24 min Scan# 2883

Delta R.T. -0.01 min

Lab File: BM015518.D

Acq: 07 Jun 2018 09:34

Instrument :

BNA_M

ClientSampleId :

PB109980TB

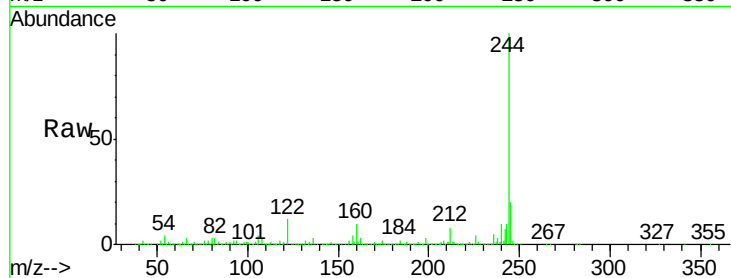
Tot Ion:244 Resp: 2821474

Ion Ratio Lower Upper

244 100

212 7.8 4.9 7.3#

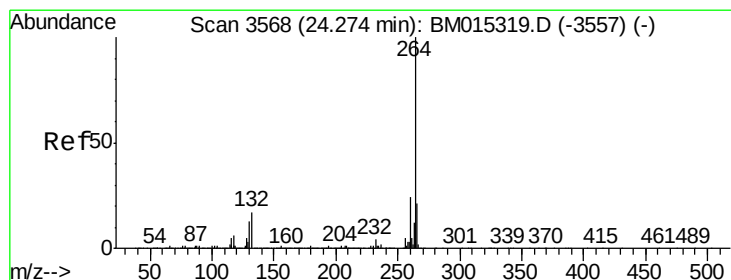
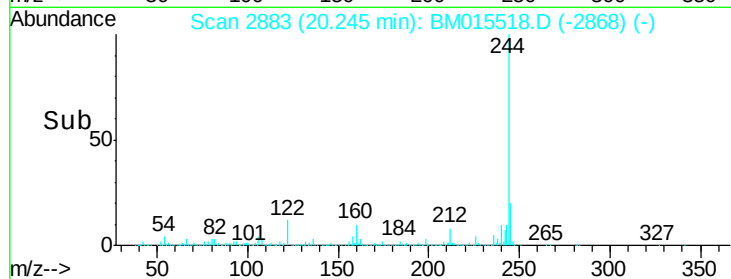
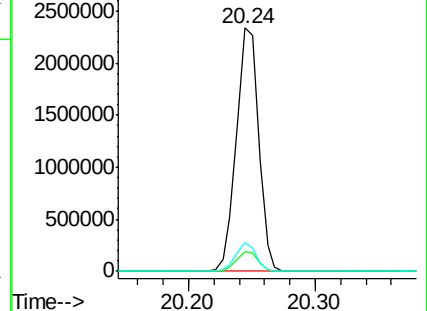
122 11.6 6.2 9.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.21 min Scan# 3557

Delta R.T. -0.02 min

Lab File: BM015518.D

Acq: 07 Jun 2018 09:34

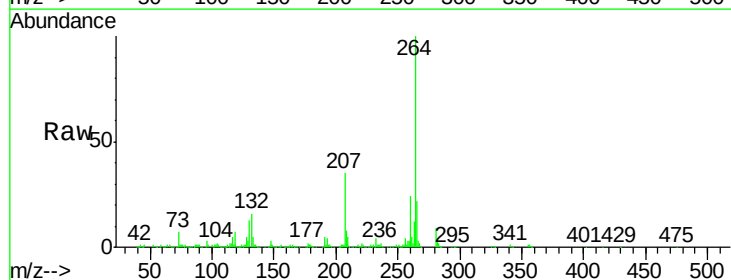
Tgt Ion:264 Resp: 568598

Ion Ratio Lower Upper

264 100

260 24.4 18.6 27.8

265 22.5 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

