

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060618\
 Data File : BM015507.D
 Acq On : 07 Jun 2018 02:50
 Operator : SJ/JU
 Sample : PB109923TB
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 07 04:07:51 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	158123	20.00	ng	0.00
21) Naphthalene-d8	11.19	136	605440	20.00	ng	0.00
38) Acenaphthene-d10	14.97	164	314123	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	665161	20.00	ng	0.00
75) Chrysene-d12	21.79	240	617670	20.00	ng	-0.01
86) Perylene-d12	24.21	264	630888	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	1087744	117.01	ng	0.00
7) Phenol-d6	7.50	99	1395262	99.31	ng	0.00
23) Nitrobenzene-d5	9.54	82	884645	79.48	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	450649	99.83	ng	0.00
44) 2-Fluorobiphenyl	13.60	172	1812903	77.49	ng	0.00
78) Terphenyl-d14	20.25	244	2481412	92.73	ng	0.00

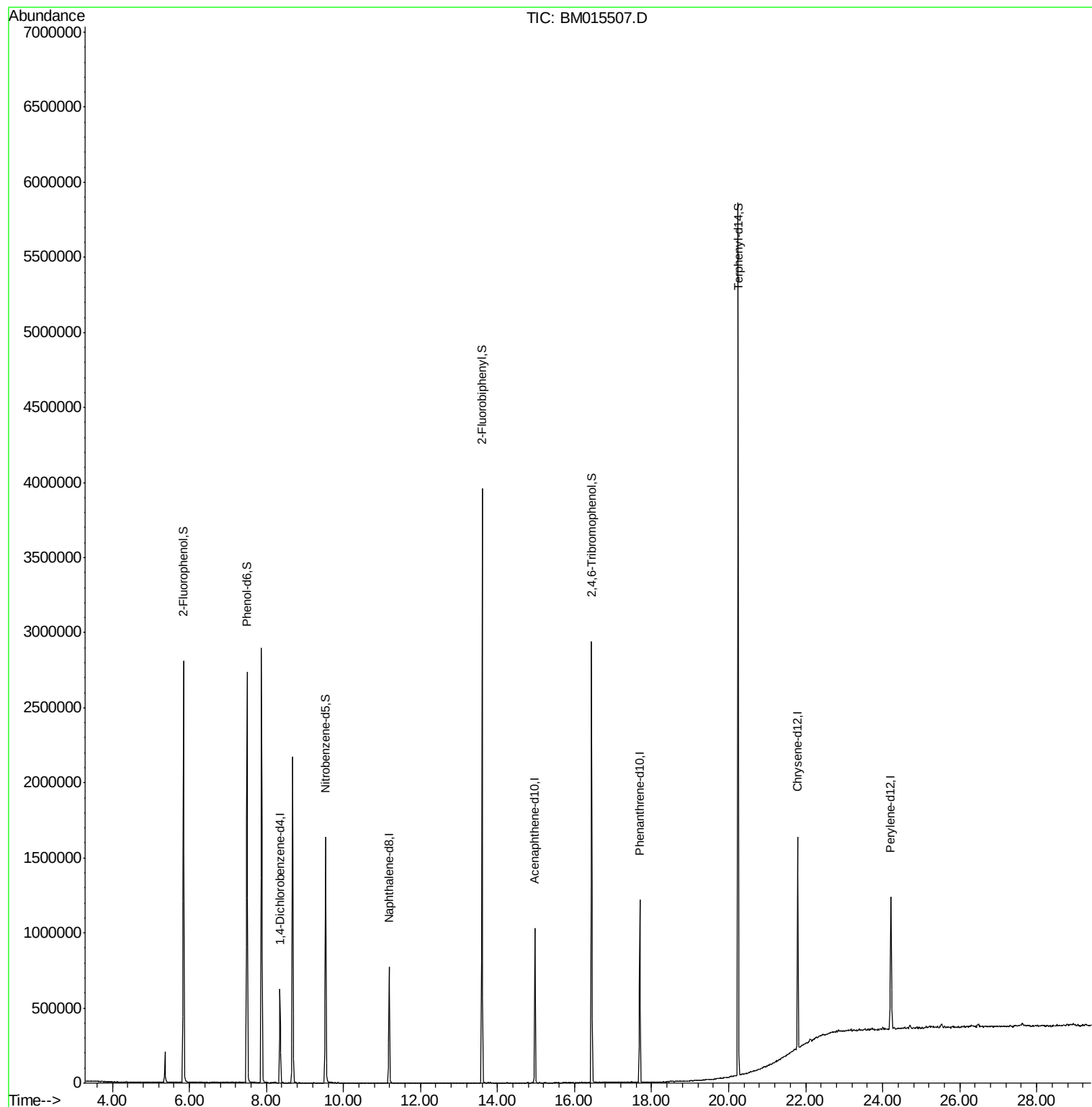
Target Compounds Qvalue

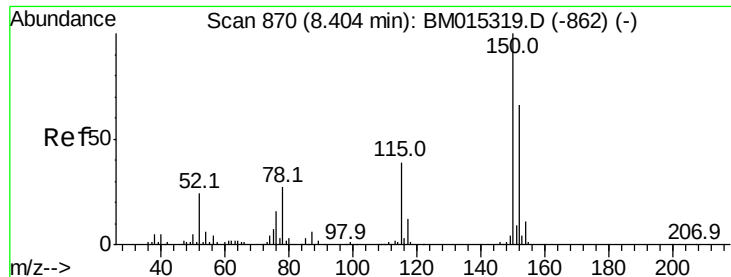
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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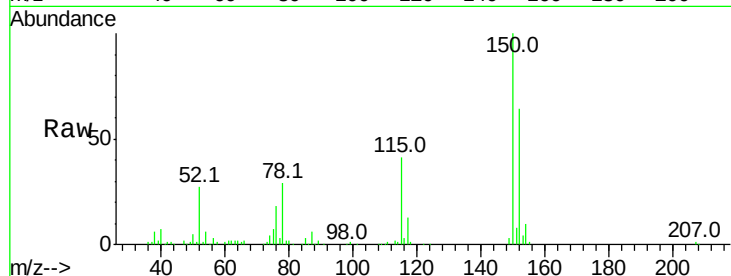


#1

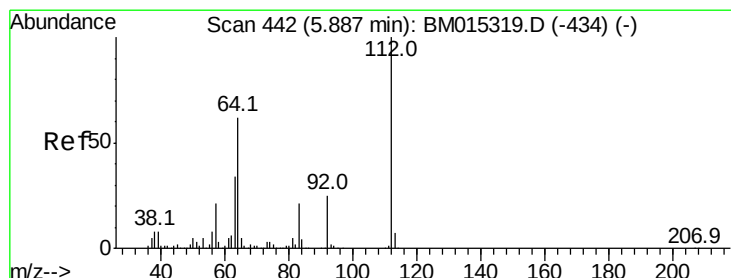
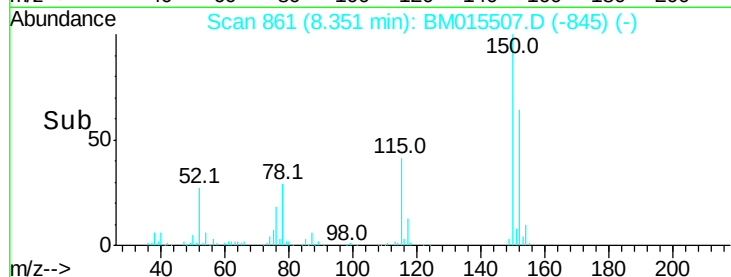
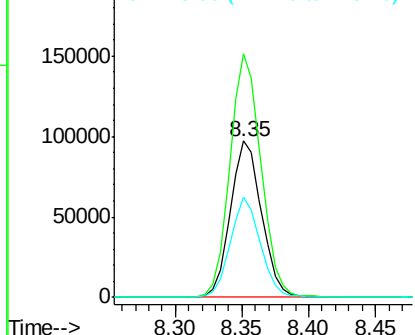
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.35 min Scan# 861
Delta R.T. -0.01 min
Lab File: BM015507.D
Acq: 07 Jun 2018 02:50

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 158123
Ion Ratio Lower Upper
152 100
150 156.0 119.5 179.3
115 64.3 43.0 64.4



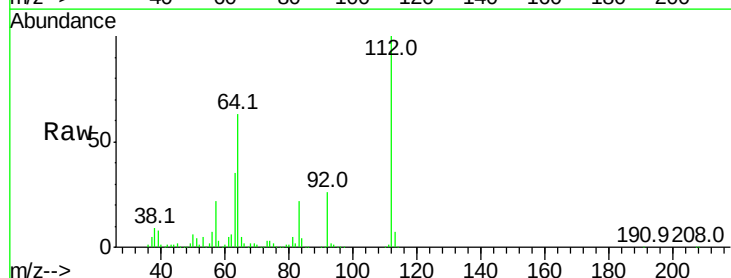
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



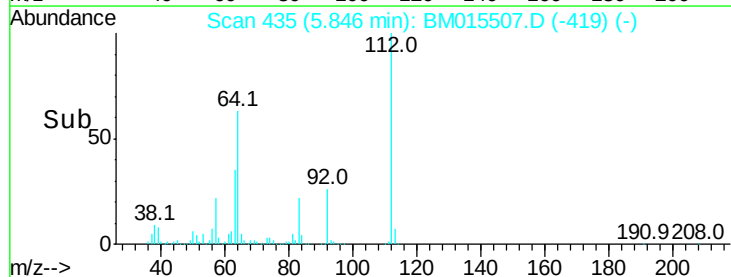
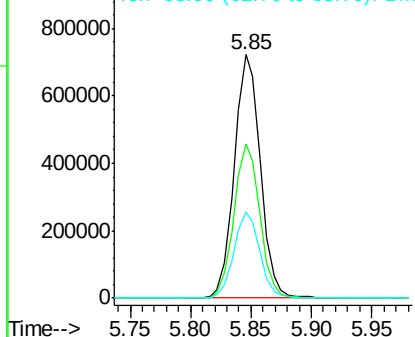
#5

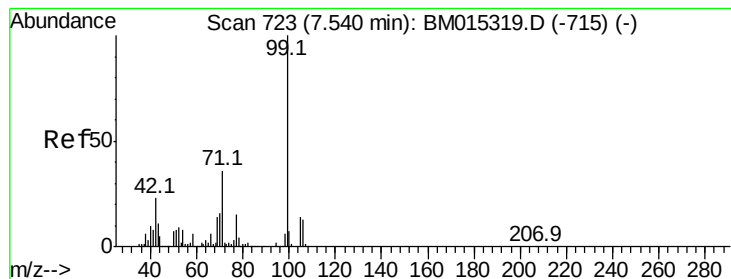
2-Fluorophenol
Concen: 117.014 ng
RT: 5.85 min Scan# 435
Delta R.T. -0.01 min
Lab File: BM015507.D
Acq: 07 Jun 2018 02:50

Tgt Ion:112 Resp: 1087744
Ion Ratio Lower Upper
112 100
64 63.1 38.6 57.8#
63 35.4 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: 99.306 ng

RT: 7.50 min Scan# 716

Delta R.T. -0.01 min

Lab File: BM015507.D

Acq: 07 Jun 2018 02:50

Instrument :

BNA_M

ClientSampled :

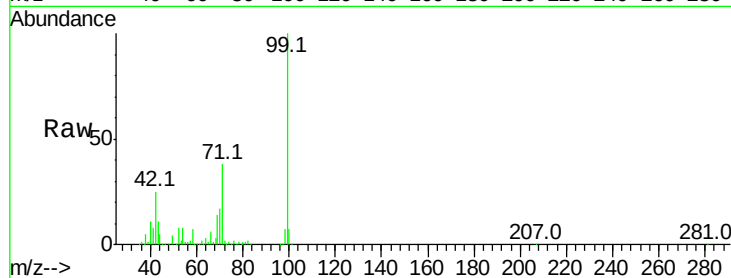
Tot Ion: 99 Resp: 1395262

Ion Ratio Lower Upper

99 100

42 24.9 11.0 16.4#

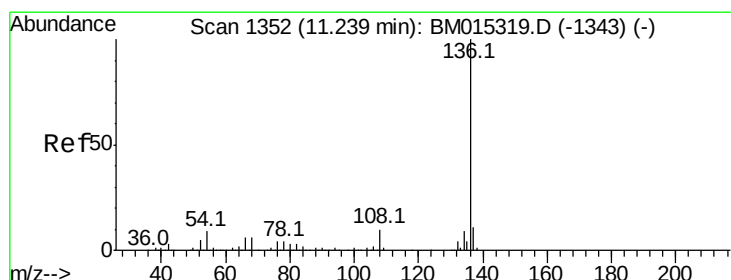
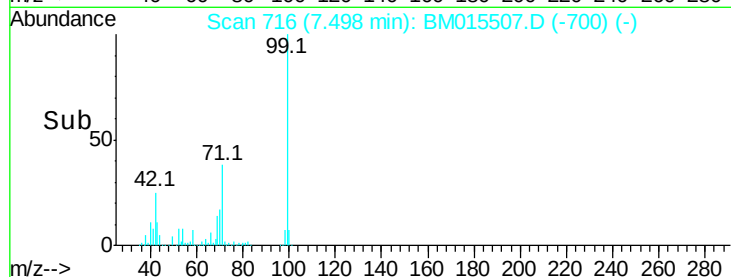
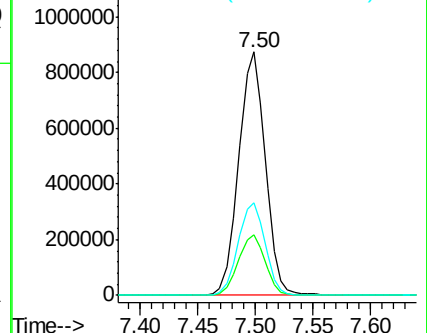
71 38.2 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM015507.D (-715) (-)

Ion 42.00 (41.70 to 42.70): BM015507.D (-715) (-)

Ion 71.00 (70.70 to 71.70): BM015507.D (-715) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.19 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BM015507.D

Acq: 07 Jun 2018 02:50

Tgt Ion: 136 Resp: 605440

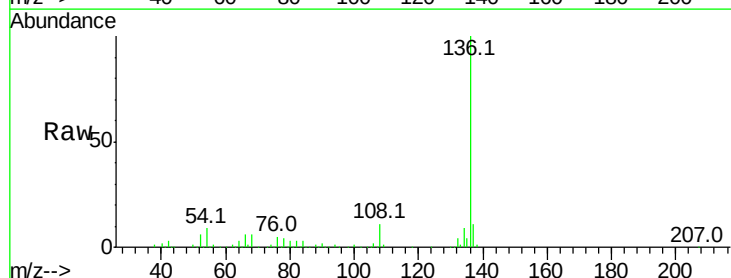
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 8.9 4.6 6.8#

68 5.6 3.7 5.5#

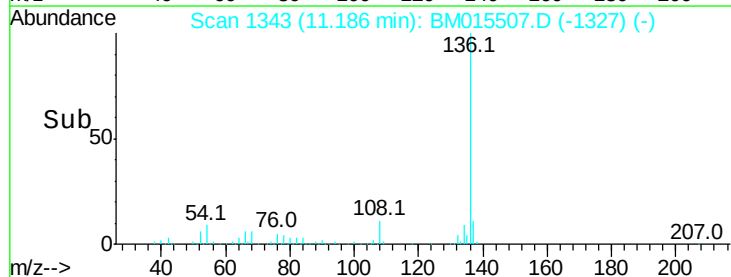
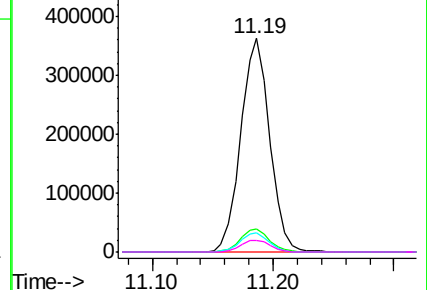


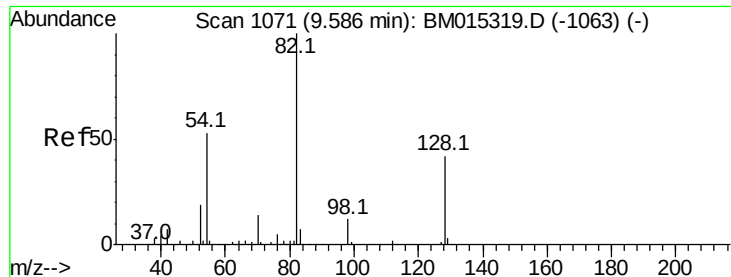
Abundance Ion 136.00 (135.70 to 136.70): BM015507.D (-1327) (-)

Ion 137.00 (136.70 to 137.70): BM015507.D (-1327) (-)

Ion 54.00 (53.70 to 54.70): BM015507.D (-1327) (-)

Ion 68.00 (67.70 to 68.70): BM015507.D (-1327) (-)

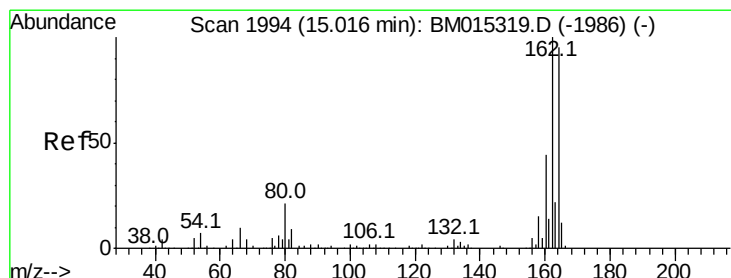
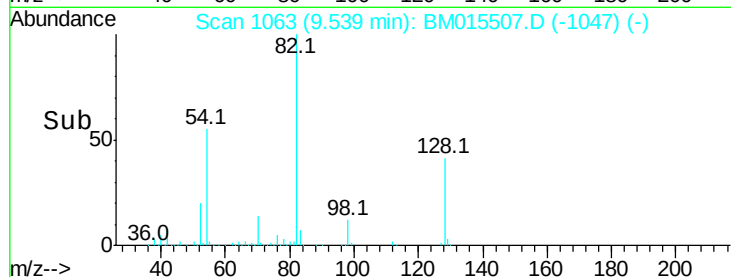
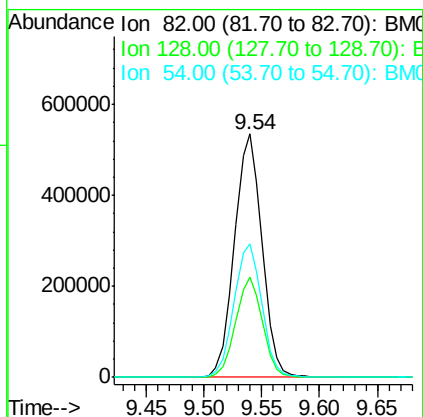
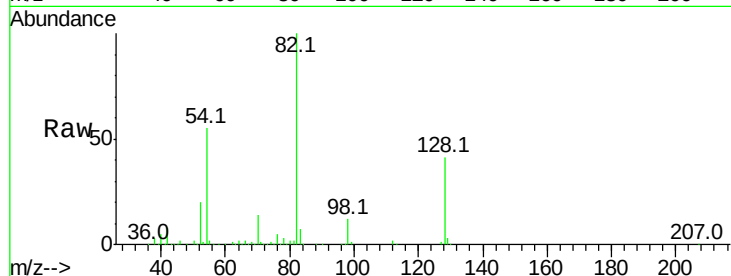




#23
Nitrobenzene-d5
Concen: 79.477 ng
RT: 9.54 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BM015507.D
Acq: 07 Jun 2018 02:50

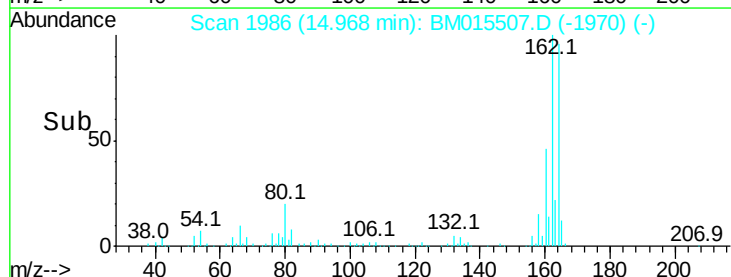
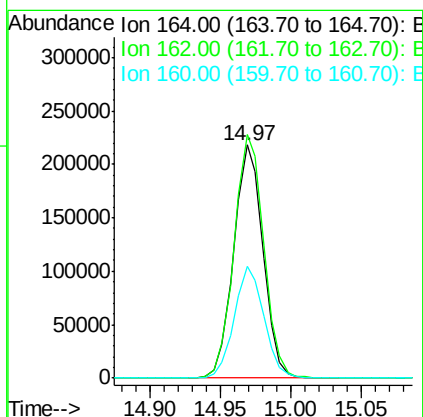
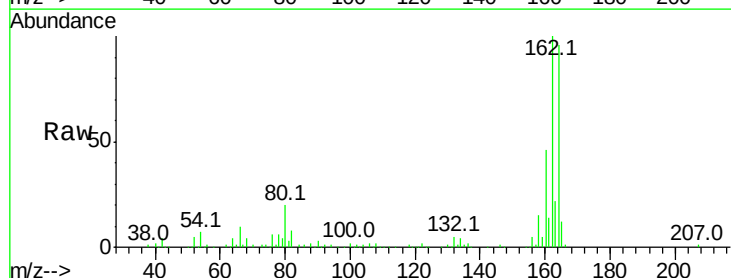
Instrument :
BNA_M
ClientSampleId :

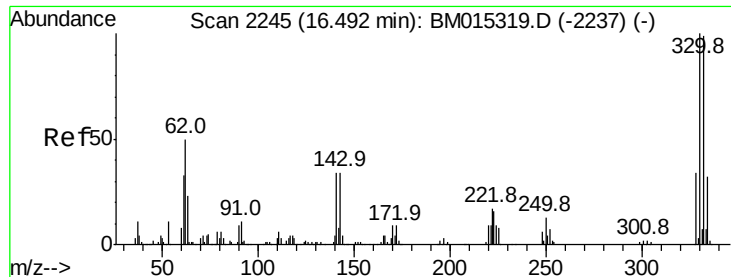
Tot Ion: 82 Resp: 884645
Ion Ratio Lower Upper
82 100
128 41.0 32.8 49.2
54 55.0 40.6 60.8



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.97 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BM015507.D
Acq: 07 Jun 2018 02:50

Tgt Ion:164 Resp: 314123
Ion Ratio Lower Upper
164 100
162 104.5 82.4 123.6
160 47.8 35.8 53.6





#41

2,4,6-Tribromophenol

Concen: 99.829 ng

RT: 16.44 min Scan# 2237

Delta R.T. -0.01 min

Lab File: BM015507.D

Acq: 07 Jun 2018 02:50

Instrument :

BNA_M

ClientSampleId :

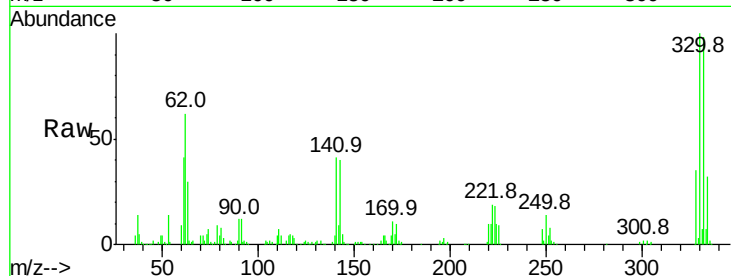
Tot Ion:330 Resp: 450649

Ion Ratio Lower Upper

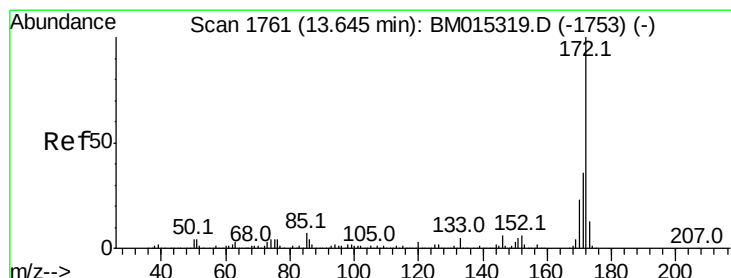
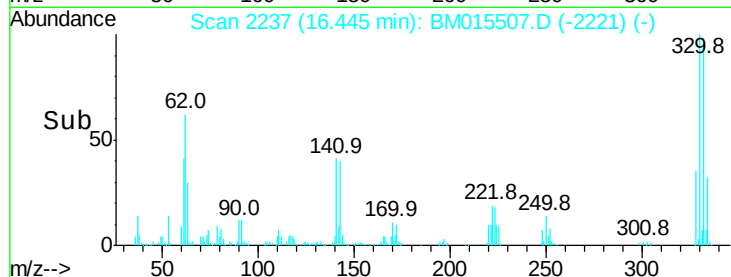
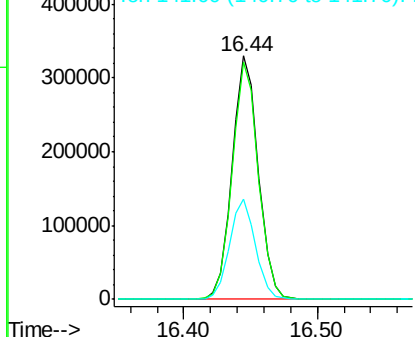
330 100

332 97.3 0.0 0.0#

141 40.8 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: 77.489 ng

RT: 13.60 min Scan# 1753

Delta R.T. -0.01 min

Lab File: BM015507.D

Acq: 07 Jun 2018 02:50

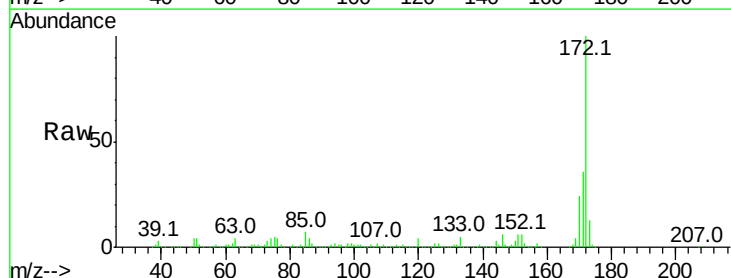
Tgt Ion:172 Resp: 1812903

Ion Ratio Lower Upper

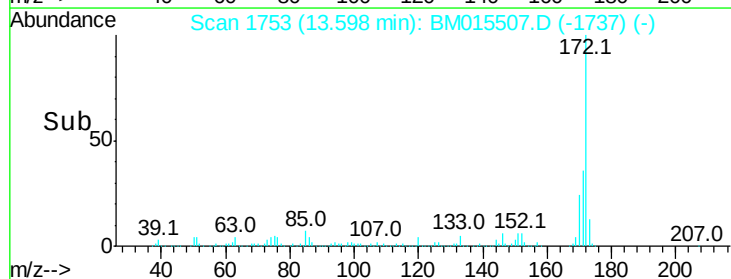
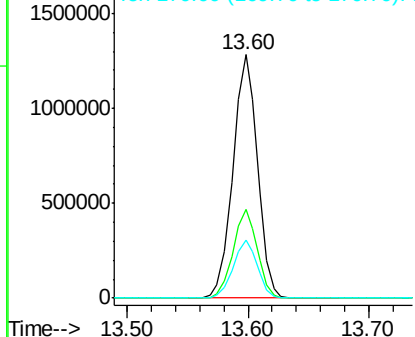
172 100

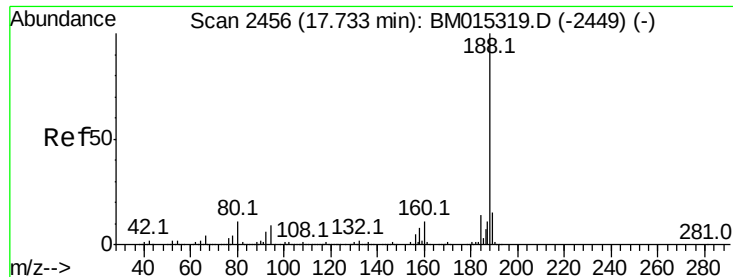
171 36.2 28.5 42.7

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: BM015507.D

Acq: 07 Jun 2018 02:50

Instrument :

BNA_M

ClientSampleId :

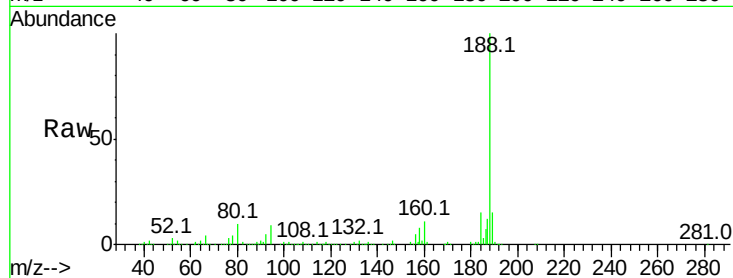
Tot Ion:188 Resp: 665161

Ion Ratio Lower Upper

188 100

94 9.1 8.7 13.1

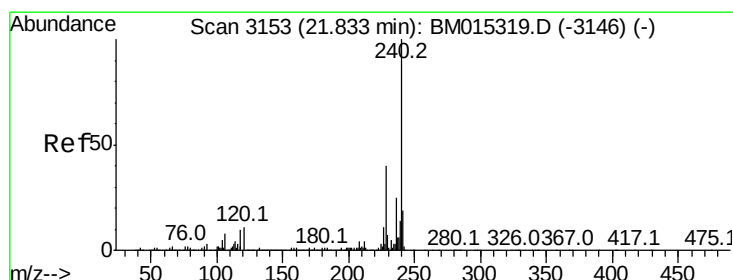
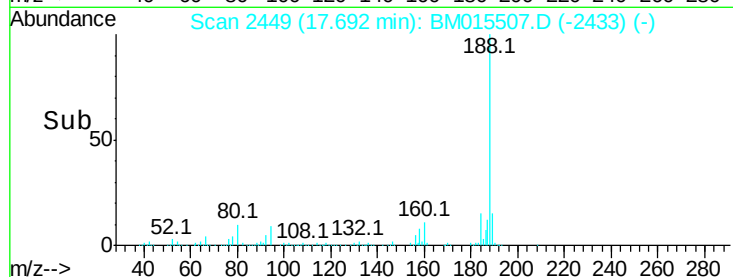
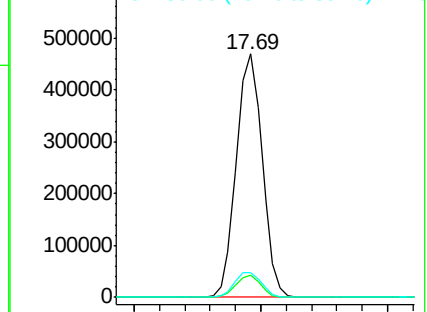
80 10.2 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BM015507.D

Acq: 07 Jun 2018 02:50

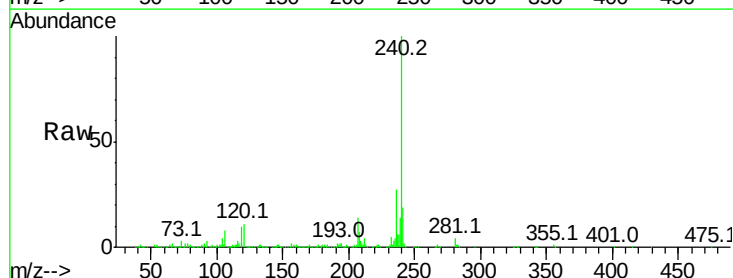
Tgt Ion:240 Resp: 617670

Ion Ratio Lower Upper

240 100

120 10.7 8.2 12.2

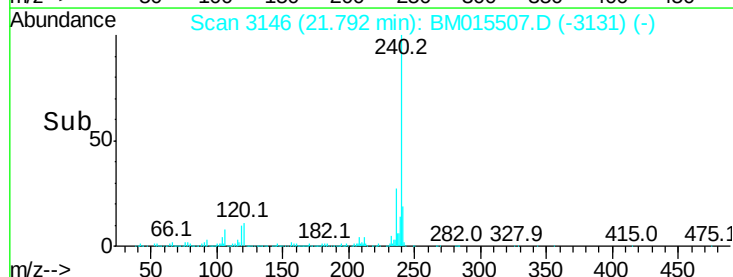
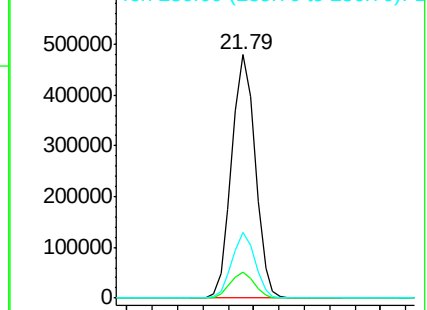
236 26.8 20.0 30.0

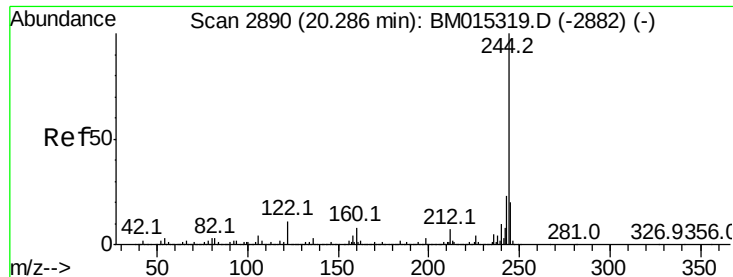


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 92.728 ng

RT: 20.25 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BM015507.D

Acq: 07 Jun 2018 02:50

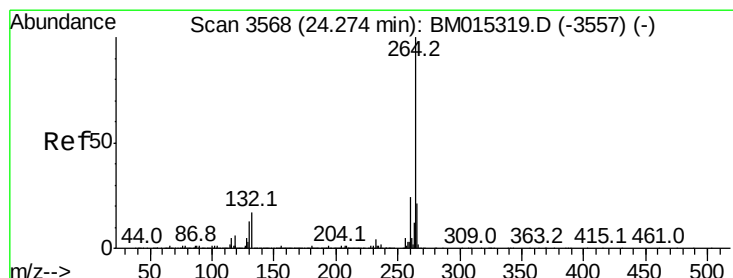
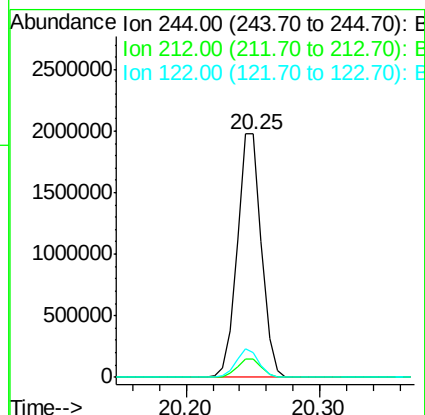
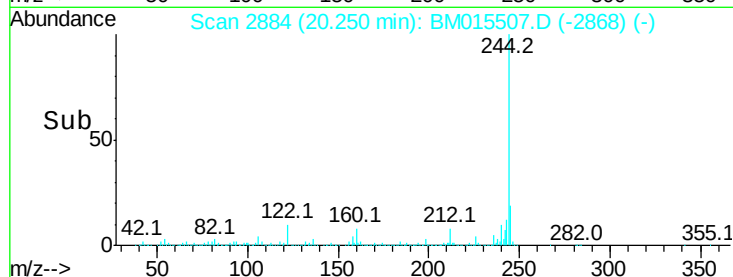
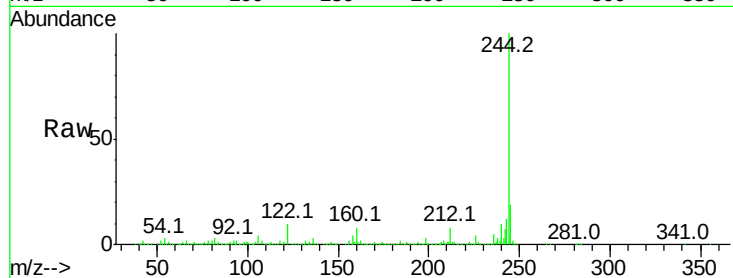
Instrument :

BNA_M

ClientSampleId :

Tot Ion:244 Resp: 2481412

Ion	Ratio	Lower	Upper
244	100		
212	7.6	4.9	7.3#
122	10.2	6.2	9.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.21 min Scan# 3557

Delta R.T. -0.02 min

Lab File: BM015507.D

Acq: 07 Jun 2018 02:50

Tgt Ion:264 Resp: 630888

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.6	27.8
265	22.1	17.3	25.9

