

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060618\
 Data File : BM015508.D
 Acq On : 07 Jun 2018 03:27
 Operator : SJ/JU
 Sample : J3277-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 07 04:07:58 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	142387	20.00	ng	0.00
21) Naphthalene-d8	11.19	136	528142	20.00	ng	0.00
38) Acenaphthene-d10	14.97	164	264291	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	569663	20.00	ng	0.00
75) Chrysene-d12	21.79	240	588397	20.00	ng	-0.01
86) Perylene-d12	24.22	264	619634	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	1151421	137.55	ng	0.00
7) Phenol-d6	7.50	99	1365283	107.91	ng	0.00
23) Nitrobenzene-d5	9.54	82	1053519	108.50	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	531714	140.00	ng	0.00
44) 2-Fluorobiphenyl	13.60	172	2112020	107.30	ng	0.00
78) Terphenyl-d14	20.25	244	3174353	124.52	ng	0.00

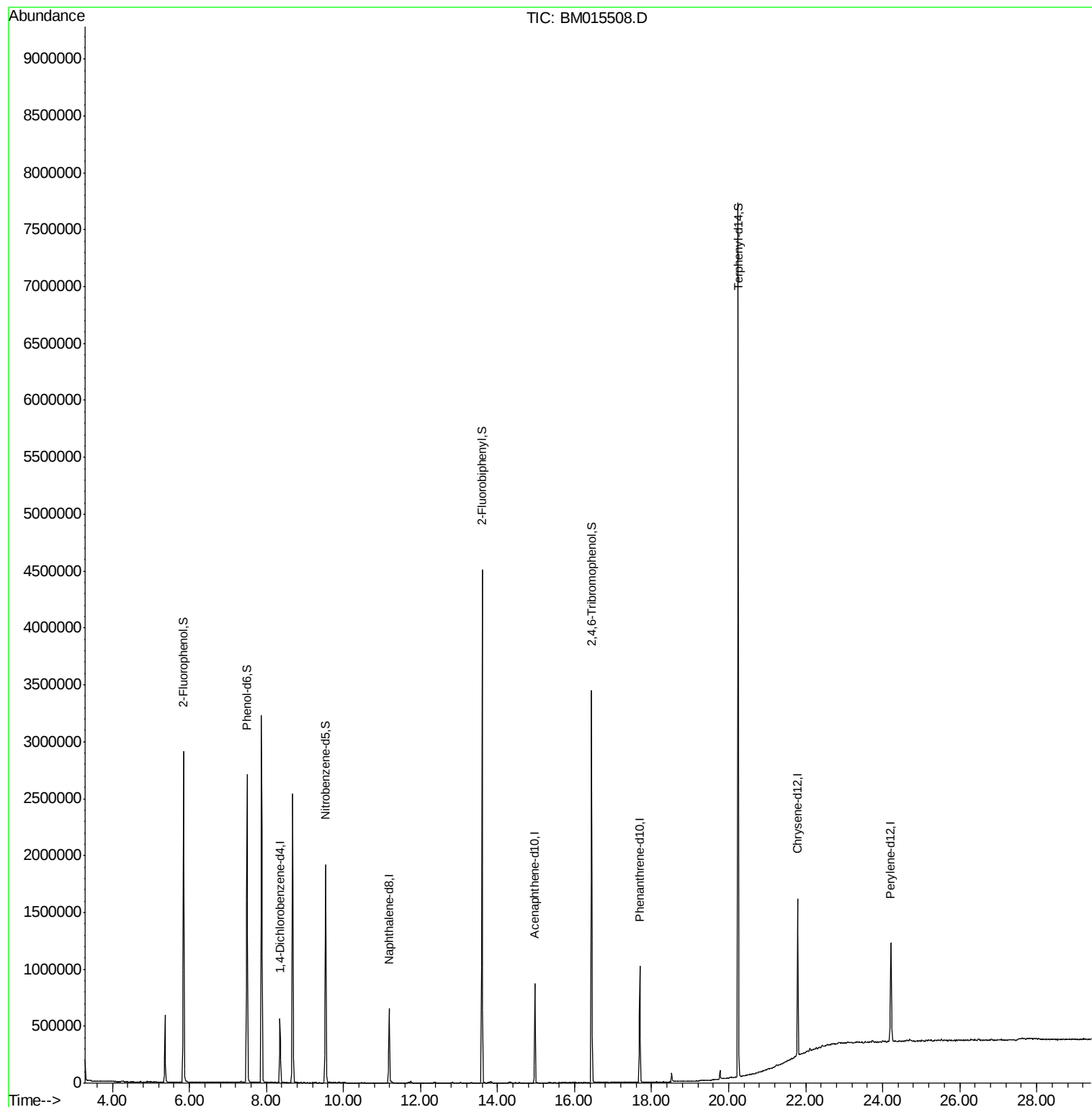
Target Compounds Qvalue

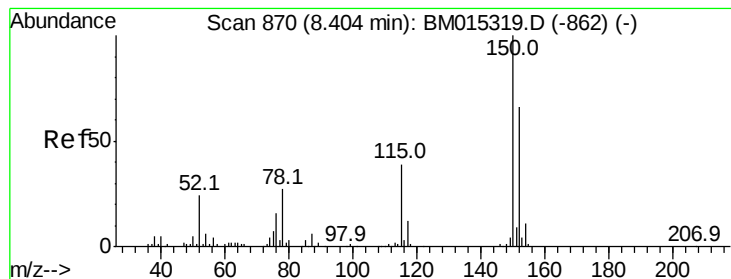
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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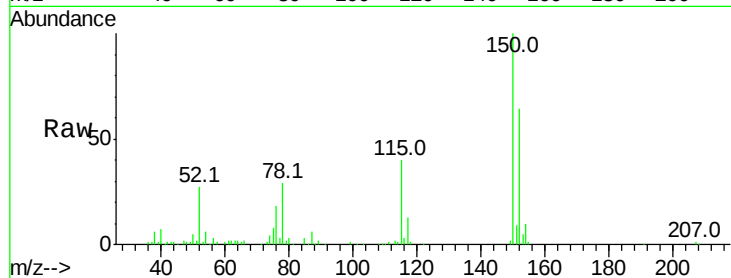


#1

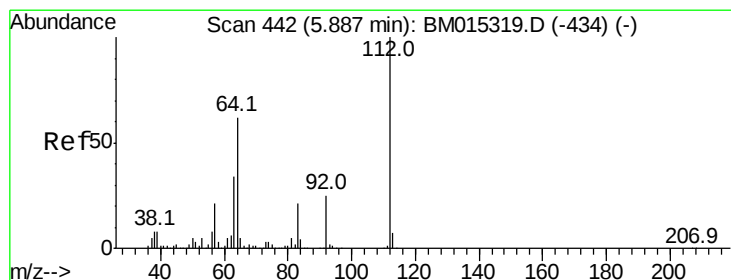
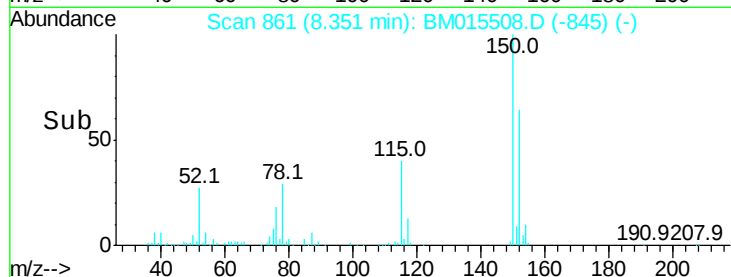
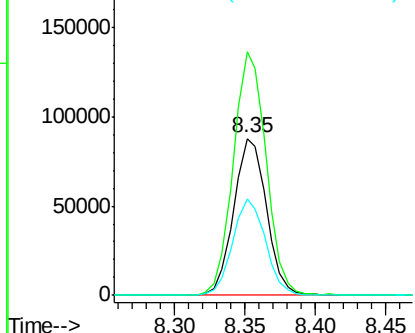
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.35 min Scan# 861
Delta R.T. -0.01 min
Lab File: BM015508.D
Acq: 07 Jun 2018 03:27

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 142387
Ion Ratio Lower Upper
152 100
150 155.2 119.5 179.3
115 61.7 43.0 64.4



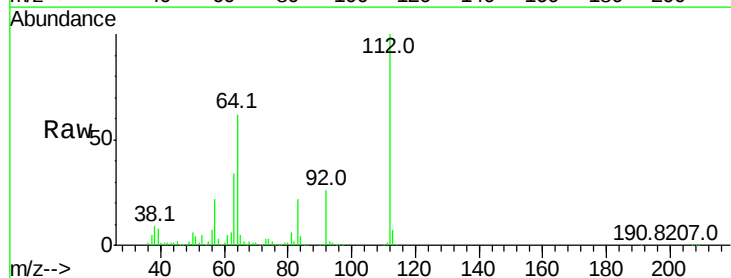
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



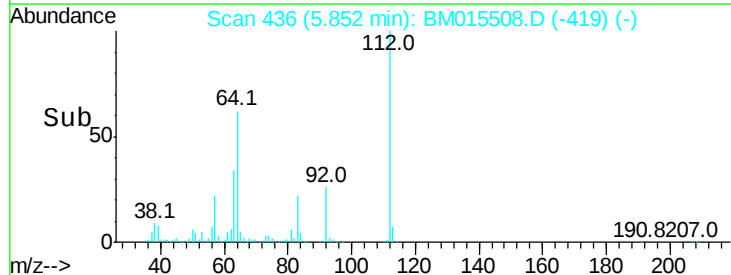
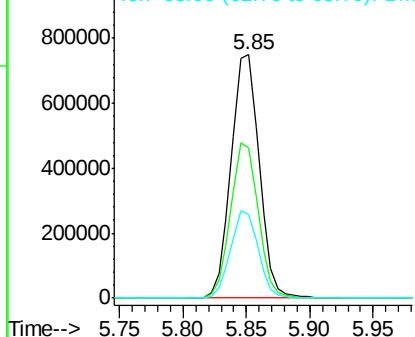
#5

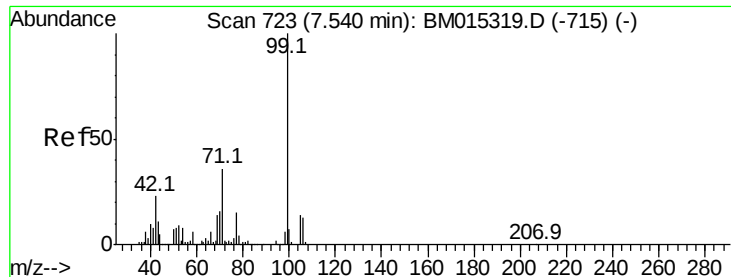
2-Fluorophenol
Concen: 137.553 ng
RT: 5.85 min Scan# 436
Delta R.T. 0.00 min
Lab File: BM015508.D
Acq: 07 Jun 2018 03:27

Tgt Ion:112 Resp: 1151421
Ion Ratio Lower Upper
112 100
64 61.8 38.6 57.8#
63 34.3 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: 107.912 ng

RT: 7.50 min Scan# 716

Delta R.T. -0.01 min

Lab File: BM015508.D

Acq: 07 Jun 2018 03:27

Instrument :

BNA_M

ClientSampled :

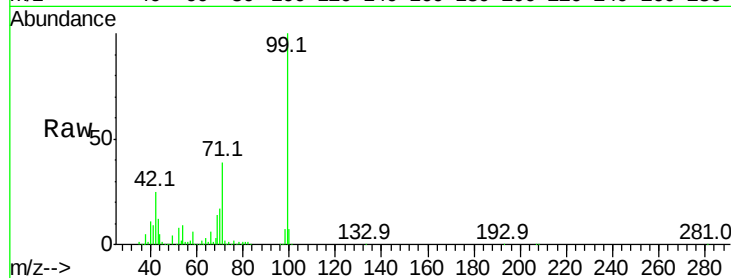
Tot Ion: 99 Resp: 1365283

Ion Ratio Lower Upper

99 100

42 24.8 11.0 16.4#

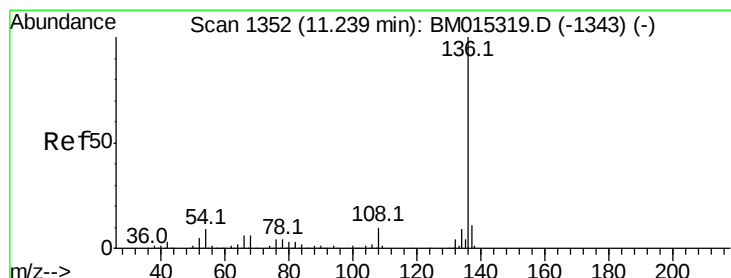
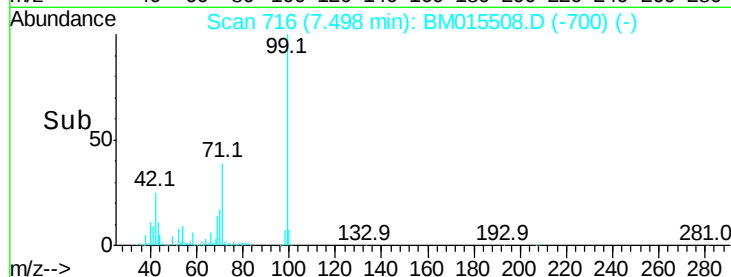
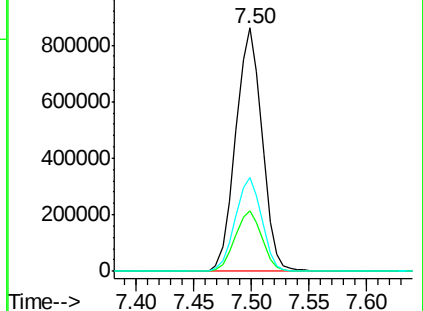
71 38.6 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM015508.D (-715) (-)

Ion 42.00 (41.70 to 42.70): BM015508.D (-715) (-)

Ion 71.00 (70.70 to 71.70): BM015508.D (-715) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.19 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BM015508.D

Acq: 07 Jun 2018 03:27

Tgt Ion: 136 Resp: 528142

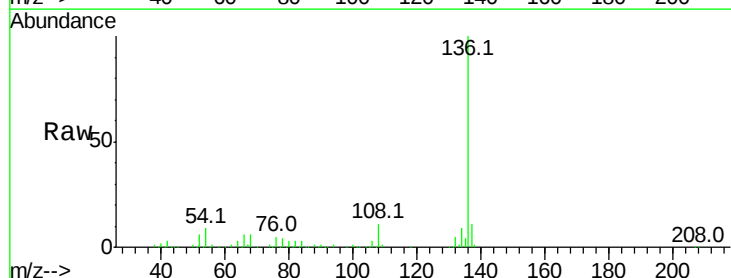
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 8.8 4.6 6.8#

68 5.6 3.7 5.5#

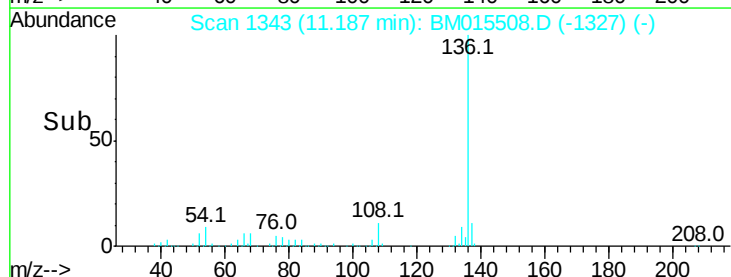
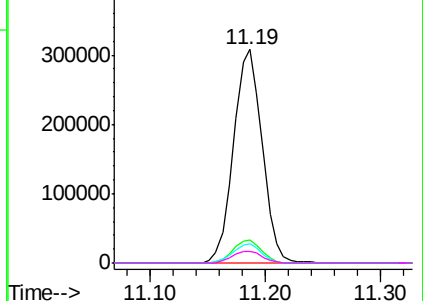


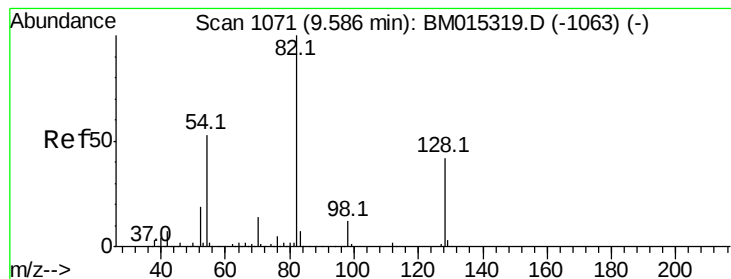
Abundance Ion 136.00 (135.70 to 136.70): BM015508.D (-1327) (-)

Ion 137.00 (136.70 to 137.70): BM015508.D (-1327) (-)

Ion 54.00 (53.70 to 54.70): BM015508.D (-1327) (-)

Ion 68.00 (67.70 to 68.70): BM015508.D (-1327) (-)





#23

Nitrobenzene-d5

Concen: 108.502 ng

RT: 9.54 min Scan# 1063

Delta R.T. -0.01 min

Lab File: BM015508.D

Acq: 07 Jun 2018 03:27

Instrument :

BNA_M

ClientSampleId :

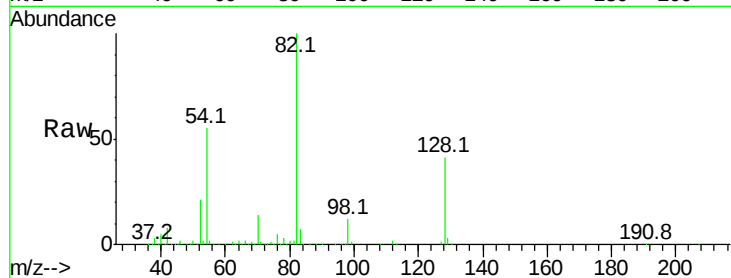
Tot Ion: 82 Resp: 1053519

Ion Ratio Lower Upper

82 100

128 41.0 32.8 49.2

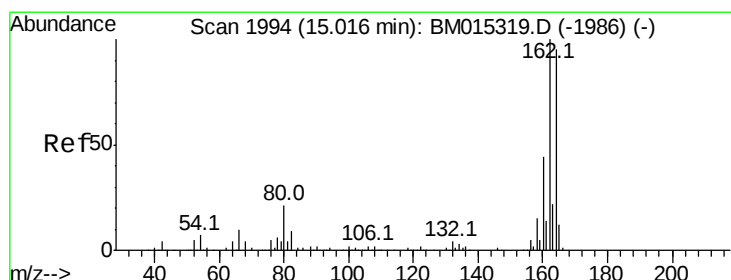
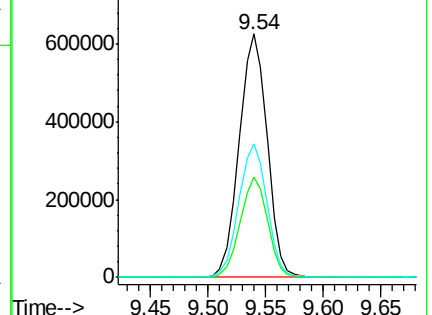
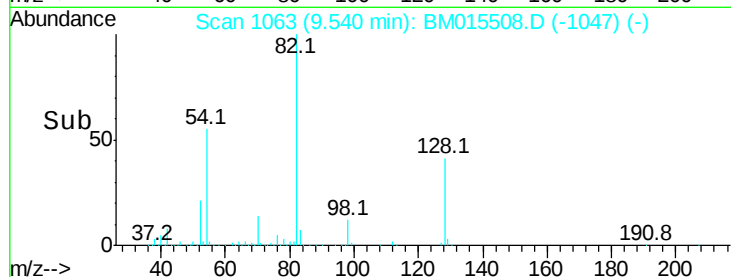
54 54.7 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM015319.D (-1063) (-)

Ion 128.00 (127.70 to 128.70): BM015319.D (-1063) (-)

Ion 54.00 (53.70 to 54.70): BM015319.D (-1063) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.97 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BM015508.D

Acq: 07 Jun 2018 03:27

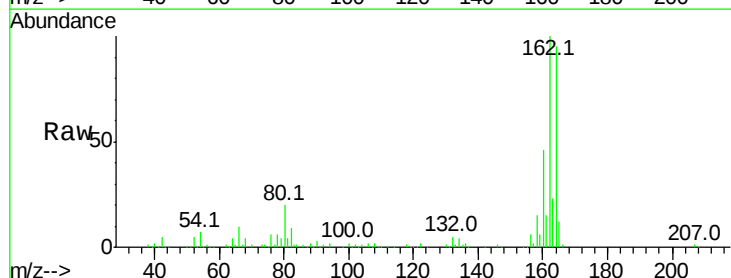
Tgt Ion:164 Resp: 264291

Ion Ratio Lower Upper

164 100

162 104.7 82.4 123.6

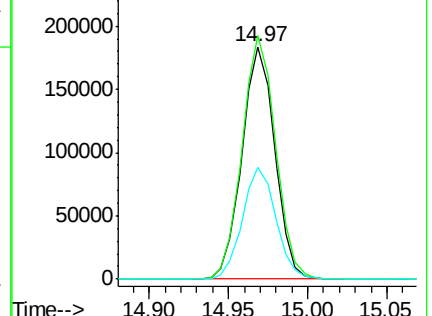
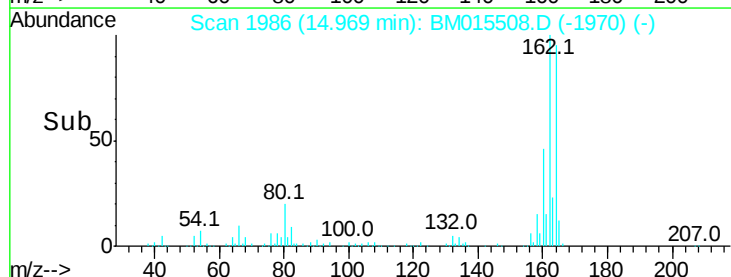
160 47.9 35.8 53.6

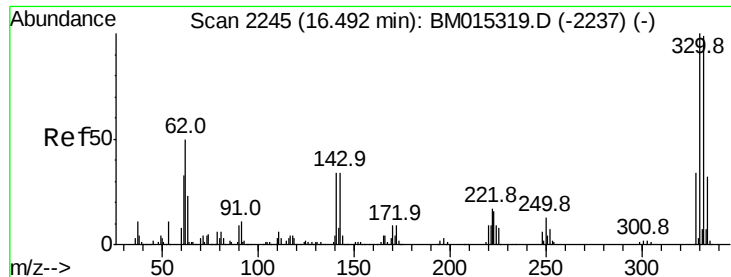


Abundance Ion 164.00 (163.70 to 164.70): BM015319.D (-1986) (-)

Ion 162.00 (161.70 to 162.70): BM015319.D (-1986) (-)

Ion 160.00 (159.70 to 160.70): BM015319.D (-1986) (-)

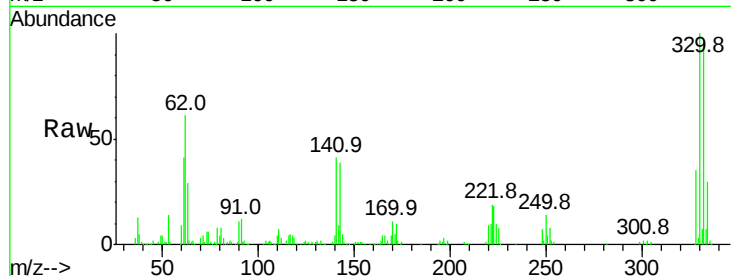




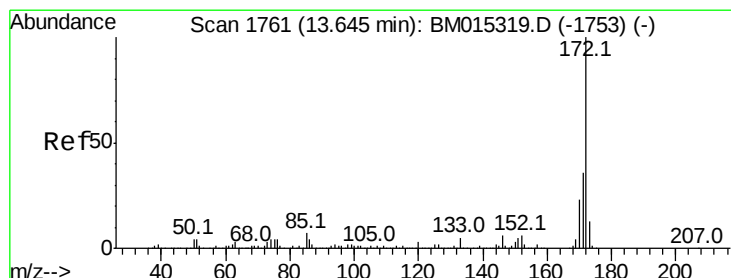
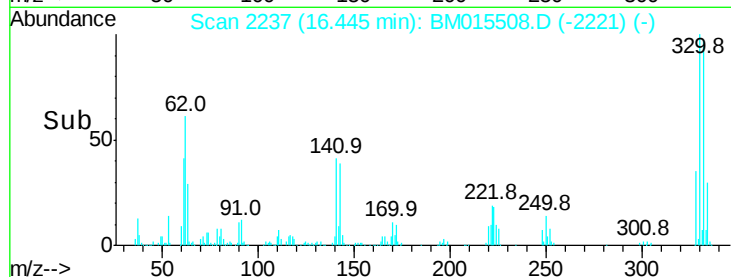
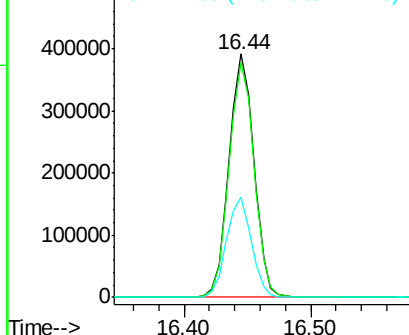
#41
 2,4,6-Tribromophenol
 Concen: 139.996 ng
 RT: 16.44 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BM015508.D
 Acq: 07 Jun 2018 03:27

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	41.4	0.0	0.0#

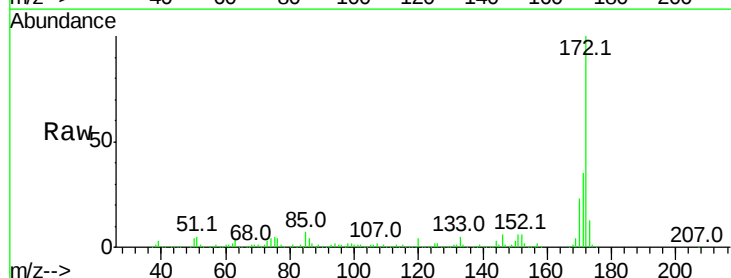


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

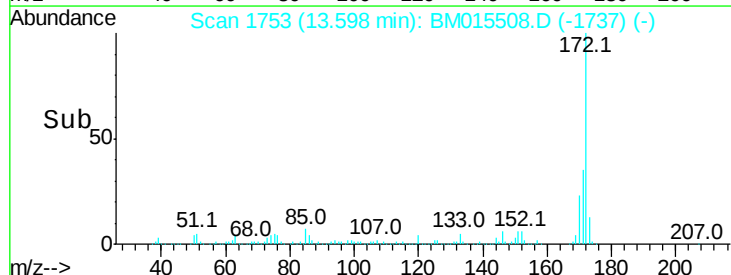
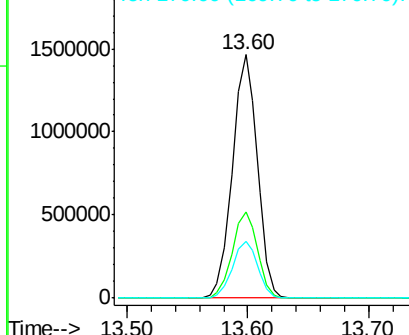


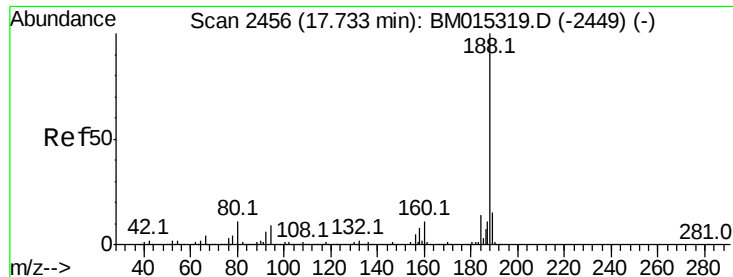
#44
 2-Fluorobiphenyl
 Concen: 107.296 ng
 RT: 13.60 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BM015508.D
 Acq: 07 Jun 2018 03:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	23.5	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

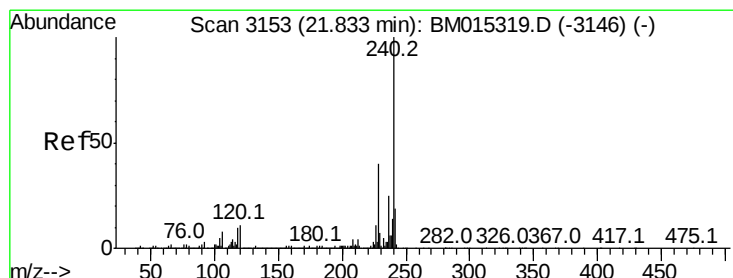
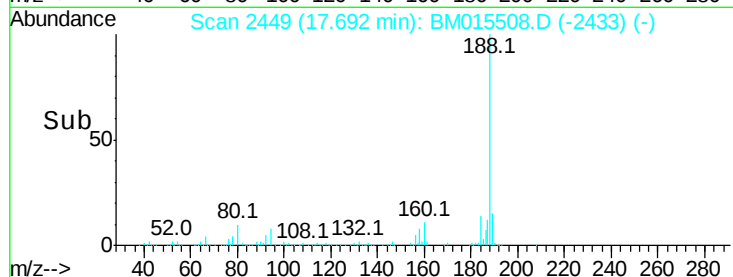
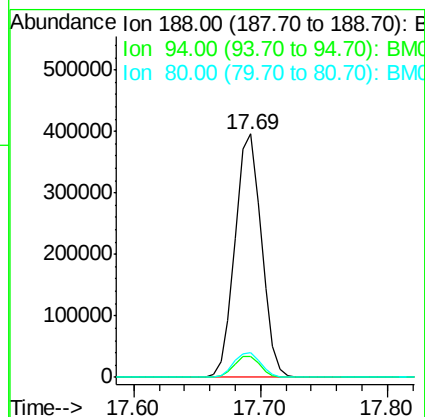
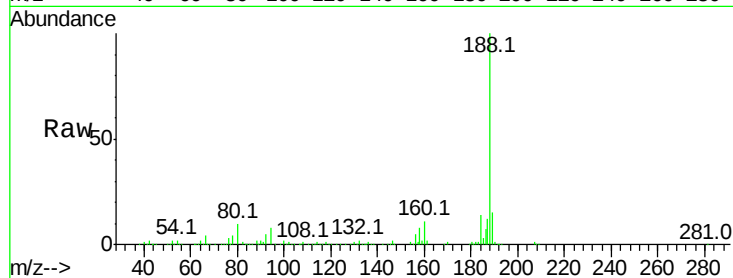




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.69 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BM015508.D
Acq: 07 Jun 2018 03:27

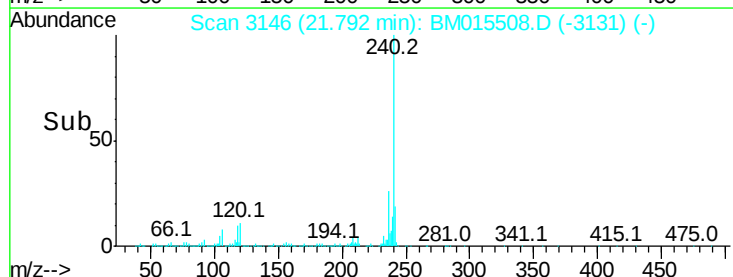
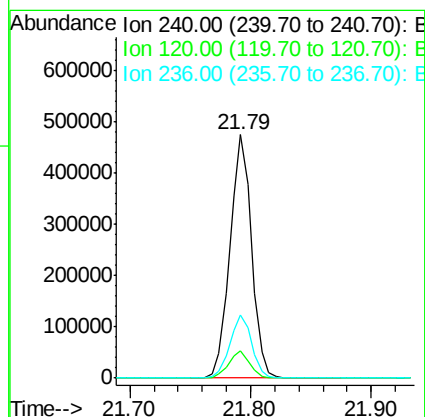
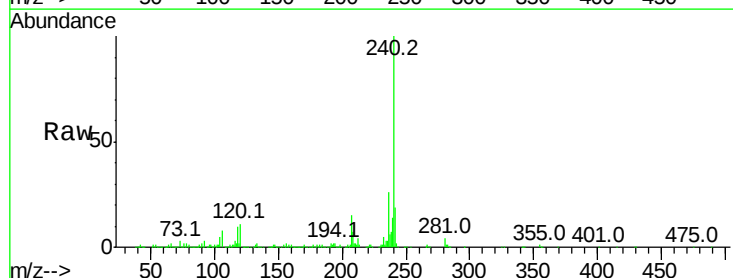
Instrument :
BNA_M
ClientSampled :

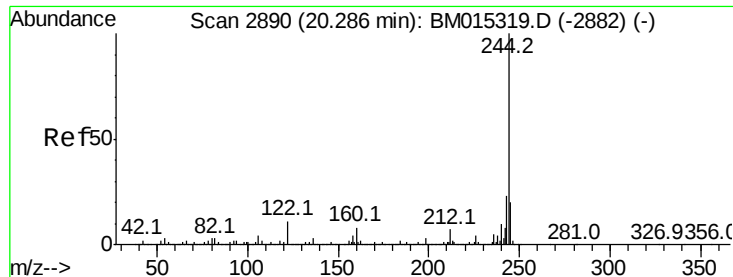
Tot Ion:188 Resp: 569663
Ion Ratio Lower Upper
188 100
94 8.4 8.7 13.1#
80 10.1 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BM015508.D
Acq: 07 Jun 2018 03:27

Tgt Ion:240 Resp: 588397
Ion Ratio Lower Upper
240 100
120 11.3 8.2 12.2
236 26.0 20.0 30.0





#78

Terphenyl-d14

Concen: 124.524 ng

RT: 20.25 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BM015508.D

Acq: 07 Jun 2018 03:27

Instrument :

BNA_M

ClientSampleId :

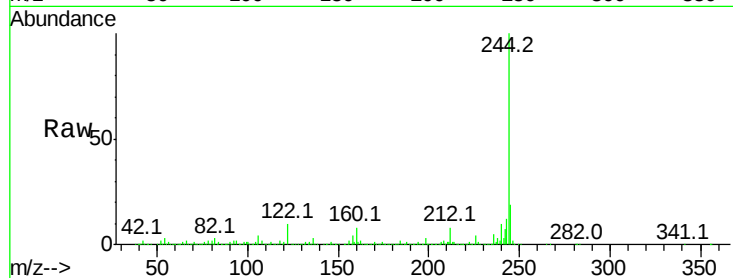
Tot Ion:244 Resp: 3174353

Ion Ratio Lower Upper

244 100

212 7.5 4.9 7.3#

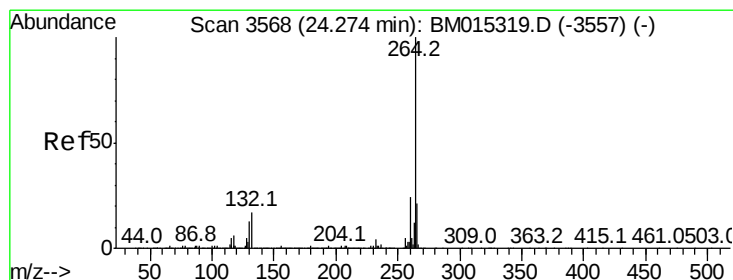
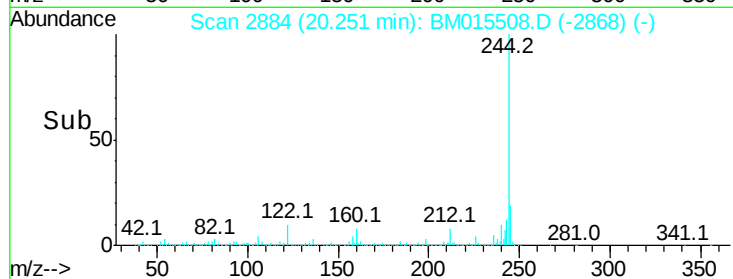
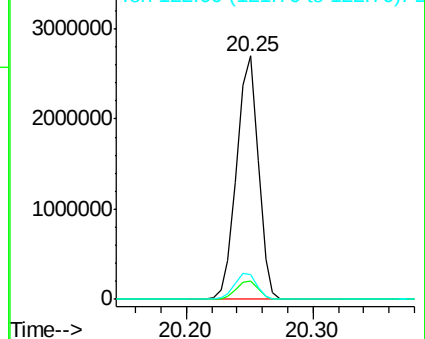
122 10.3 6.2 9.4#



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: 24.22 min Scan# 3558

Delta R.T. -0.01 min

Lab File: BM015508.D

Acq: 07 Jun 2018 03:27

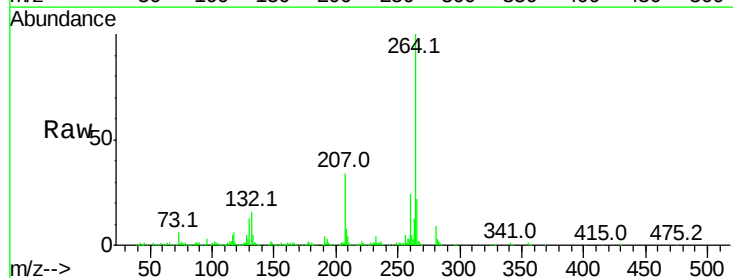
Tgt Ion:264 Resp: 619634

Ion Ratio Lower Upper

264 100

260 24.3 18.6 27.8

265 21.5 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

