

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070918\
 Data File : BM015860.D
 Acq On : 10 Jul 2018 02:22
 Operator : SJ/JU
 Sample : J3887-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-8-D

Quant Time: Jul 10 07:02:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 05 17:39:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	59450	20.00	ng	-0.01
21) Naphthalene-d8	11.13	136	237281	20.00	ng	-0.02
38) Acenaphthene-d10	14.92	164	138596	20.00	ng	-0.01
63) Phenanthrene-d10	17.64	188	345588	20.00	ng	-0.01
75) Chrysene-d12	21.76	240	383142	20.00	ng	-0.01
86) Perylene-d12	24.15	264	370121	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	486002	140.20	ng	-0.01
7) Phenol-d6	7.45	99	557862	117.55	ng	-0.01
23) Nitrobenzene-d5	9.49	82	491540	101.07	ng	-0.02
41) 2,4,6-Tribromophenol	16.40	330	311127	171.80	ng	-0.01
44) 2-Fluorobiphenyl	13.54	172	1056789	94.66	ng	-0.02
78) Terphenyl-d14	20.21	244	2237881	108.34	ng	-0.01

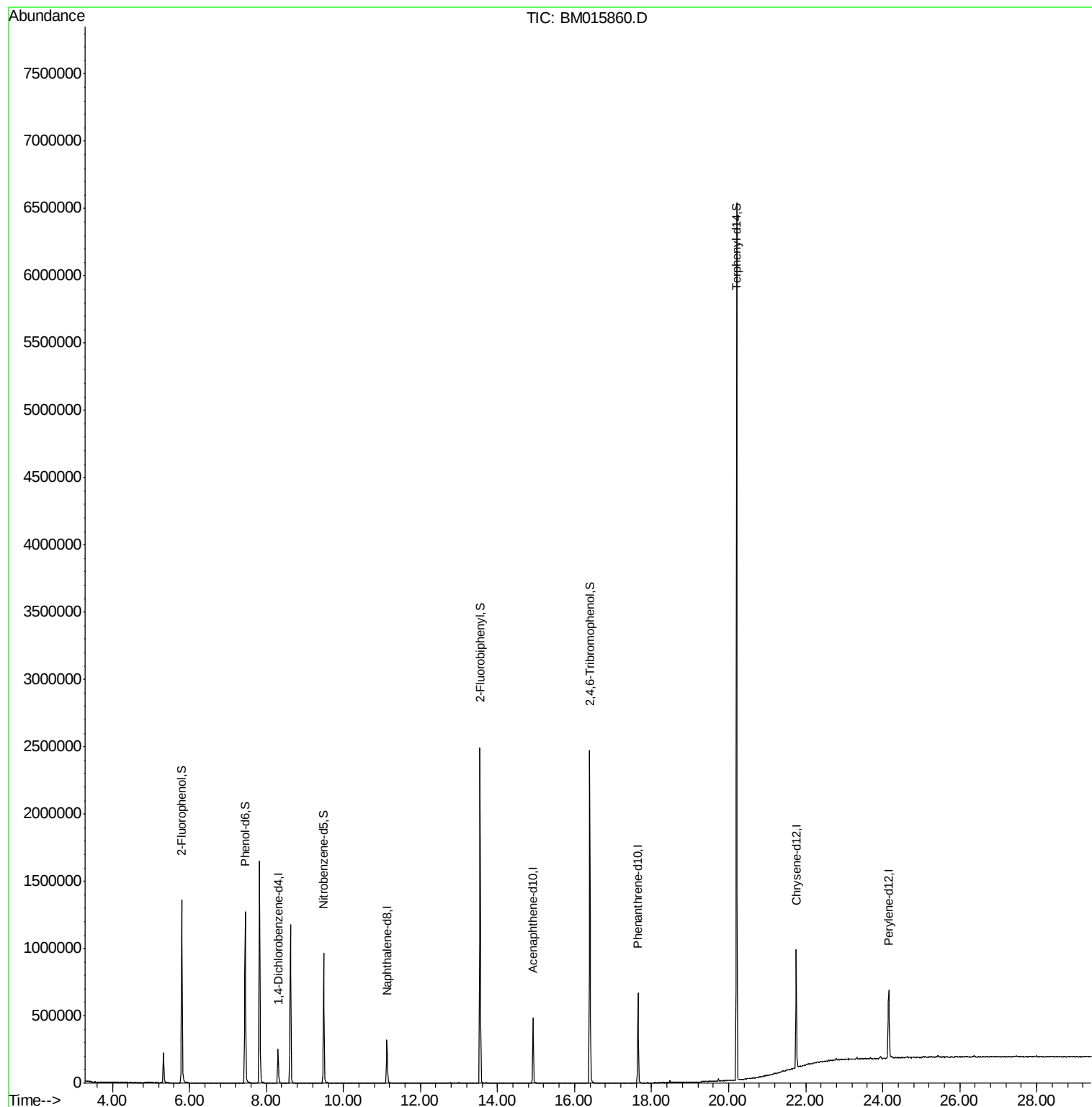
Target Compounds Qvalue

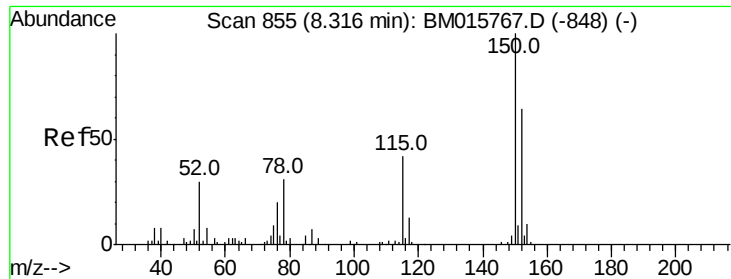
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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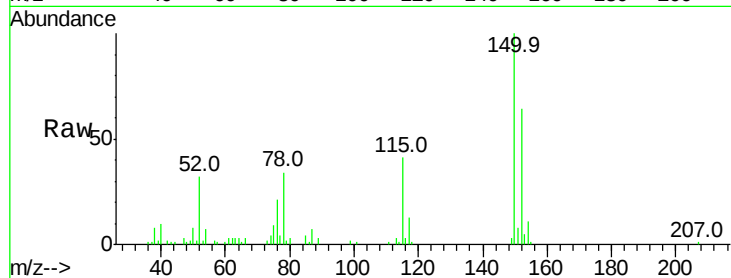


#1

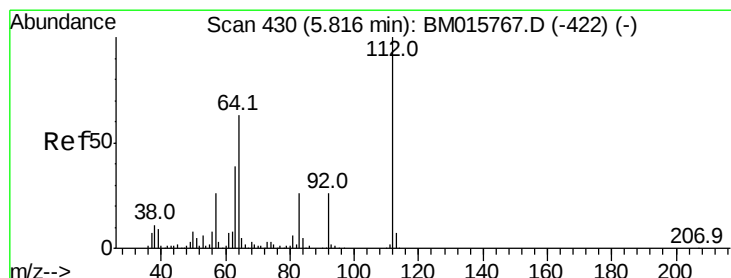
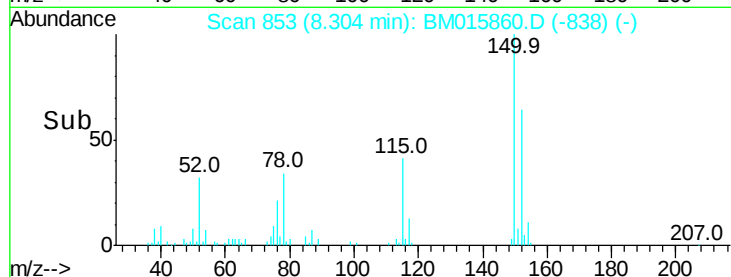
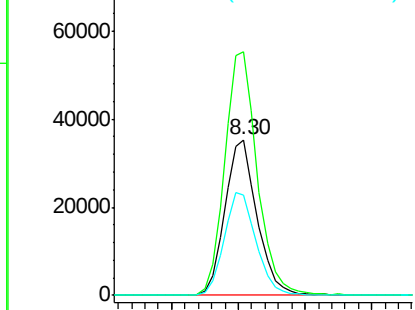
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.30 min Scan# 853
Delta R.T. -0.01 min
Lab File: BM015860.D
Acq: 10 Jul 2018 02:22

Instrument :
BNA_M
ClientSampleId :
TP-8-D

Tot Ion:152 Resp: 59450
Ion Ratio Lower Upper
152 100
150 156.4 119.5 179.3
115 64.1 43.0 64.4



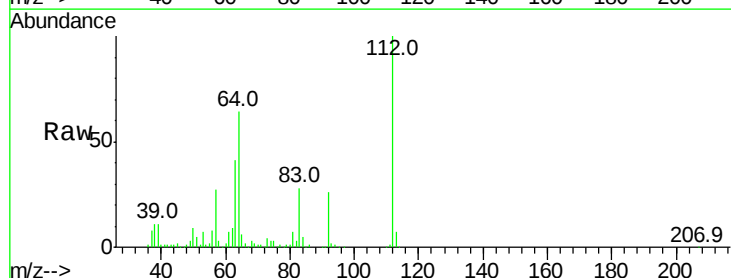
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



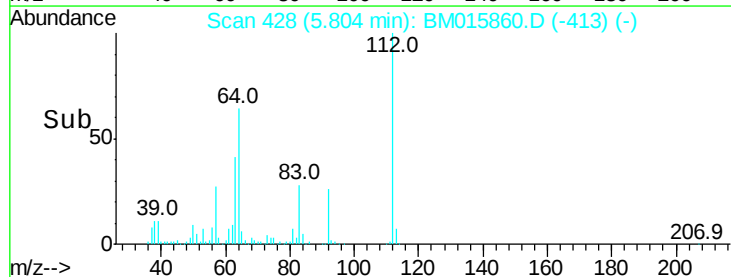
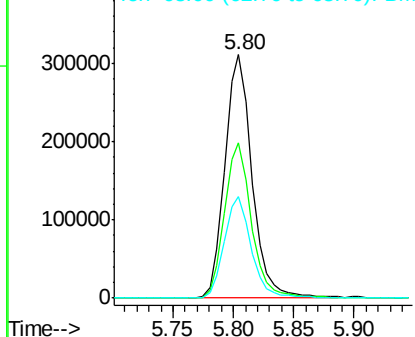
#5

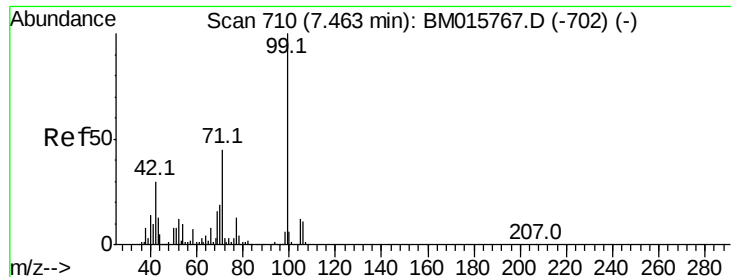
2-Fluorophenol
Concen: Below ng
RT: 5.80 min Scan# 428
Delta R.T. -0.01 min
Lab File: BM015860.D
Acq: 10 Jul 2018 02:22

Tgt Ion:112 Resp: 486002
Ion Ratio Lower Upper
112 100
64 63.8 38.6 57.8#
63 41.4 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: N.D. ng

RT: 7.45 min Scan# 708

Delta R.T. -0.01 min

Lab File: BM015860.D

Acq: 10 Jul 2018 02:22

Instrument :

BNA_M

ClientSampleId :

TP-8-D

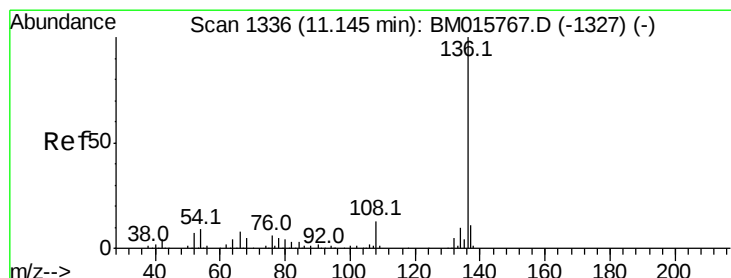
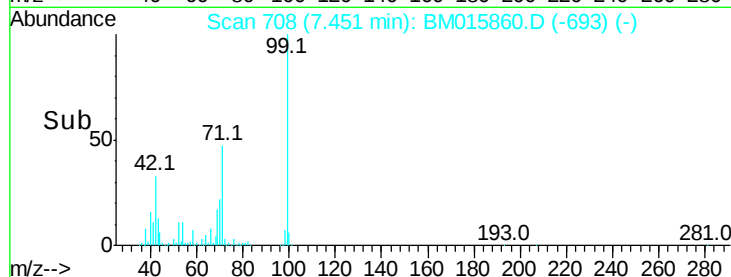
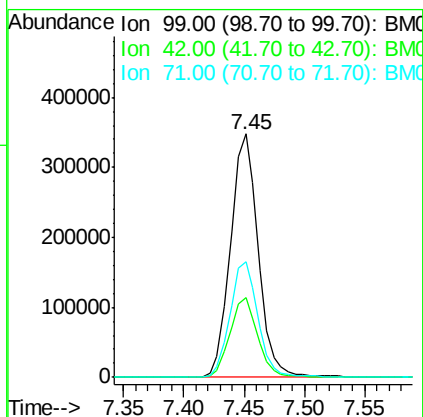
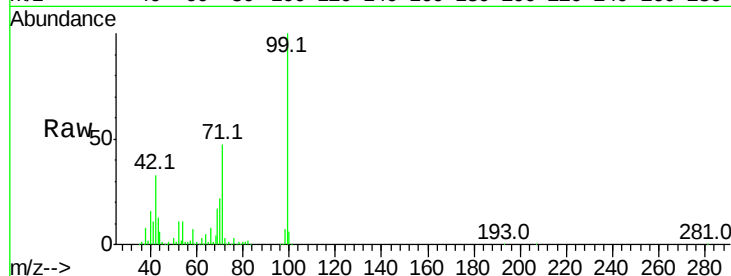
Tot Ion: 99 Resp: 557862

Ion Ratio Lower Upper

99 100

42 32.8 11.0 16.4#

71 47.4 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.13 min Scan# 1333

Delta R.T. -0.02 min

Lab File: BM015860.D

Acq: 10 Jul 2018 02:22

Tgt Ion: 136 Resp: 237281

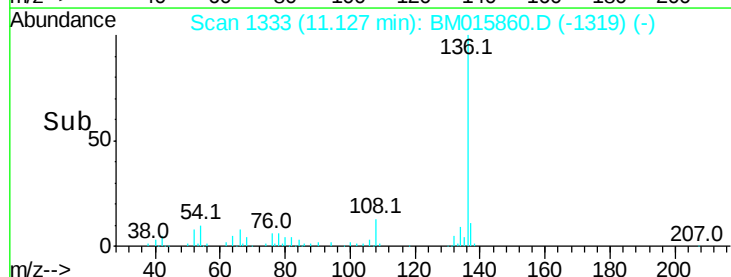
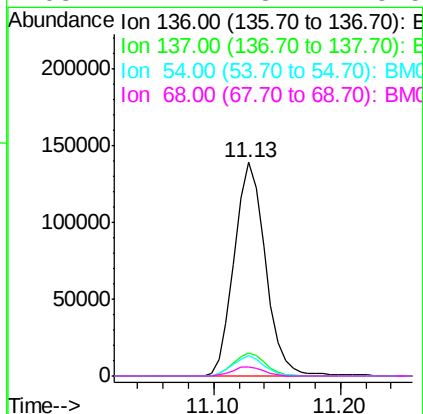
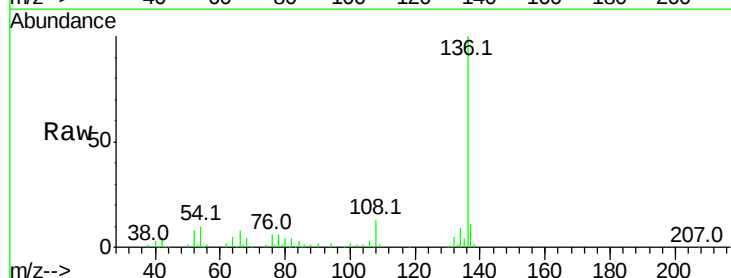
Ion Ratio Lower Upper

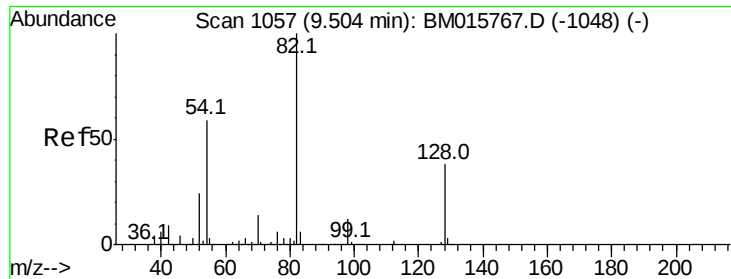
136 100

137 10.8 8.7 13.1

54 9.6 4.6 6.8#

68 4.1 3.7 5.5

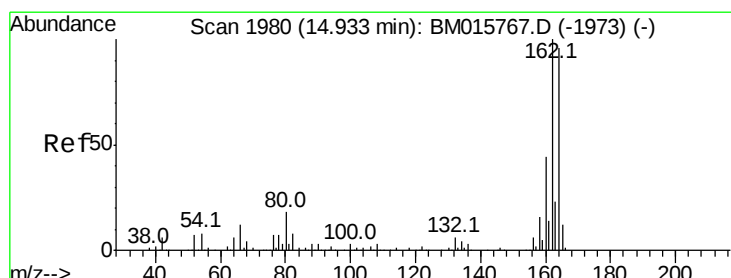
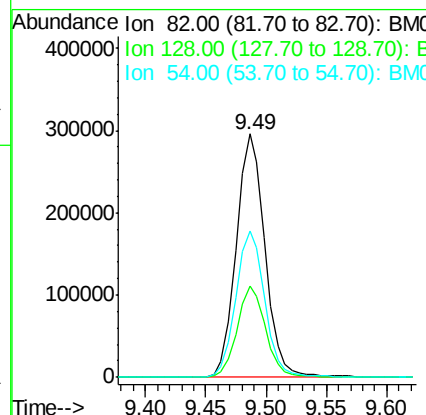
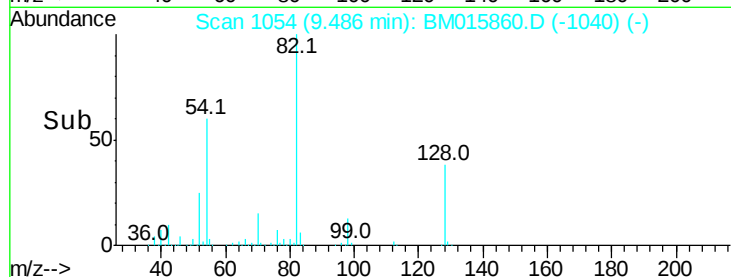
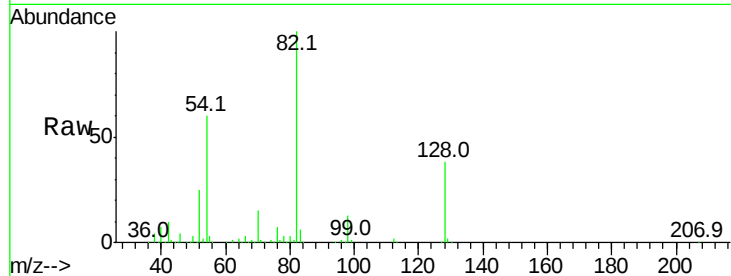




#23
Nitrobenzene-d5
Concen: Below na
RT: 9.49 min Scan# 1054
Delta R.T. -0.02 min
Lab File: BM015860.D
Acq: 10 Jul 2018 02:22

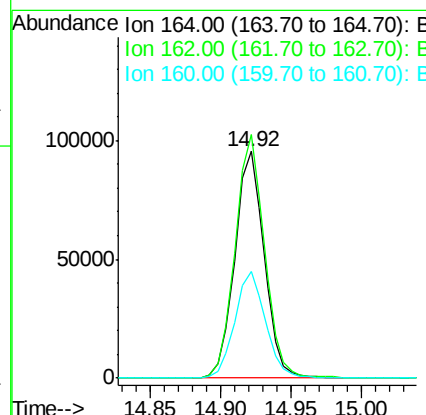
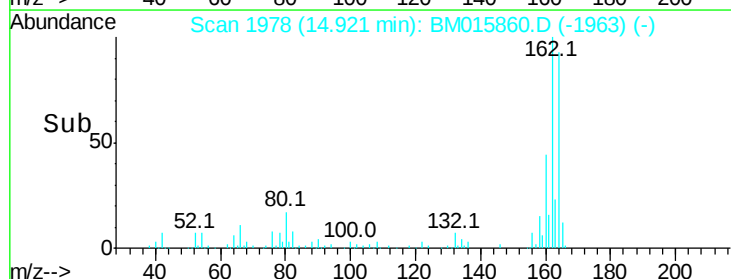
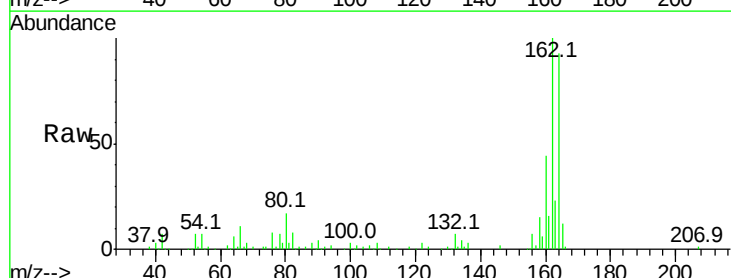
Instrument :
BNA_M
ClientSampleId :
TP-8-D

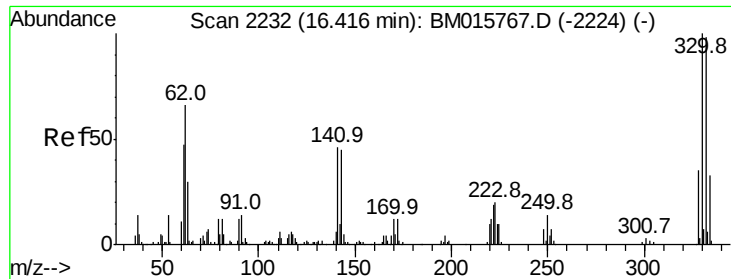
Tot Ion: 82 Resp: 491540
Ion Ratio Lower Upper
82 100
128 37.6 32.8 49.2
54 60.3 40.6 60.8



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.92 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BM015860.D
Acq: 10 Jul 2018 02:22

Tgt Ion: 164 Resp: 138596
Ion Ratio Lower Upper
164 100
162 107.4 82.4 123.6
160 47.0 35.8 53.6

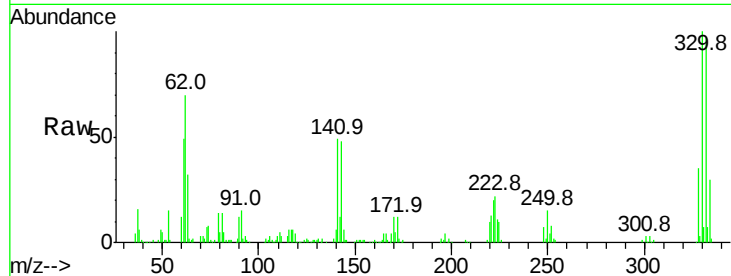




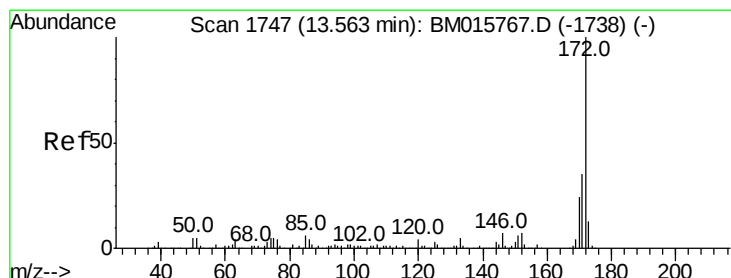
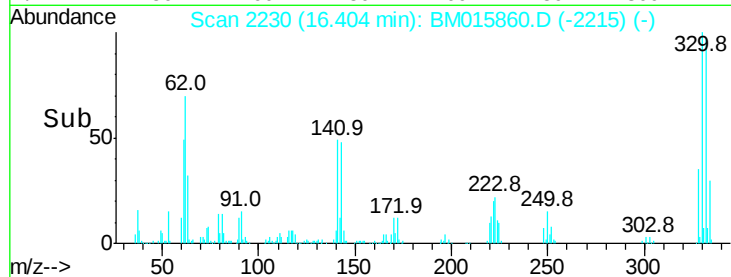
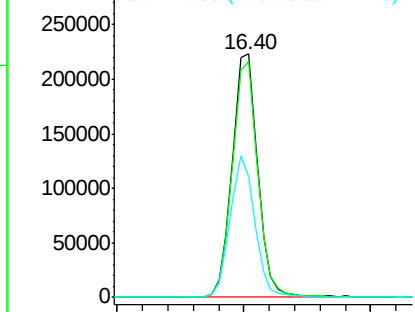
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.40 min Scan# 2230
 Delta R.T. -0.01 min
 Lab File: BM015860.D
 Acq: 10 Jul 2018 02:22

Instrument :
 BNA_M
 ClientSampleId :
 TP-8-D

Tot Ion:330 Resp: 311127
 Ion Ratio Lower Upper
 330 100
 332 96.2 0.0 0.0#
 141 56.4 0.0 0.0#

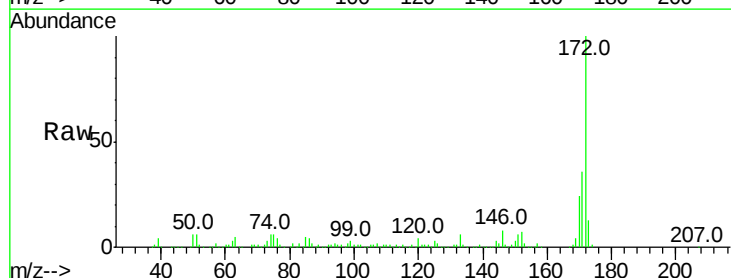


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

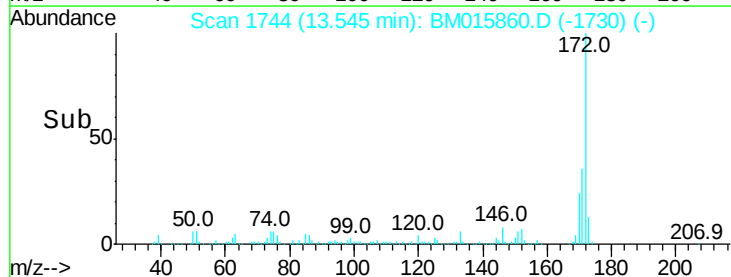
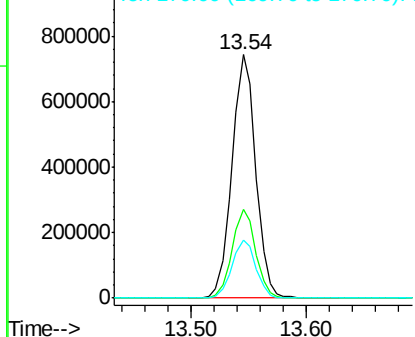


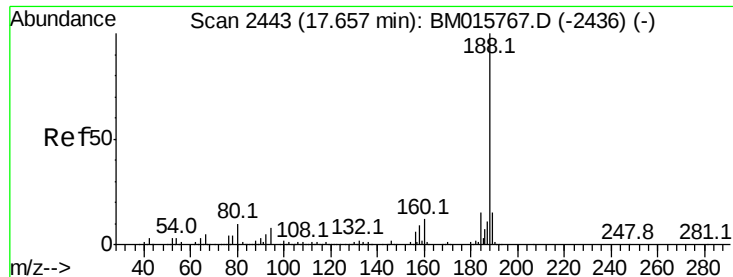
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.54 min Scan# 1744
 Delta R.T. -0.02 min
 Lab File: BM015860.D
 Acq: 10 Jul 2018 02:22

Tgt Ion:172 Resp: 1056789
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.5 42.7
 170 23.8 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

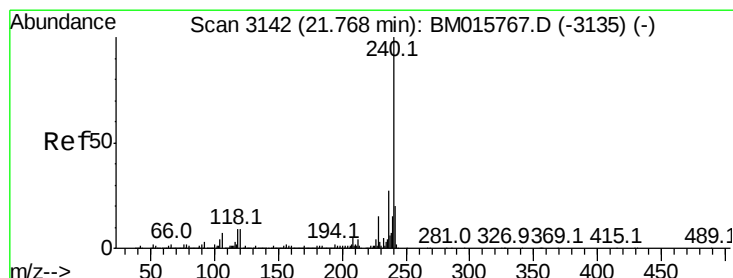
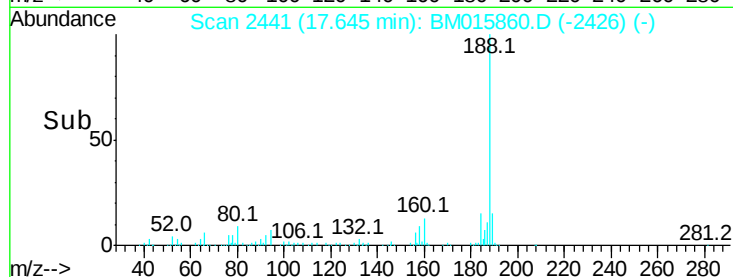
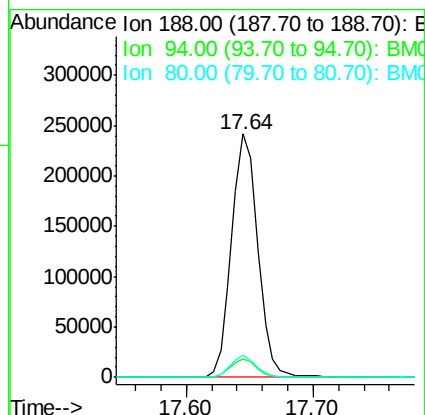
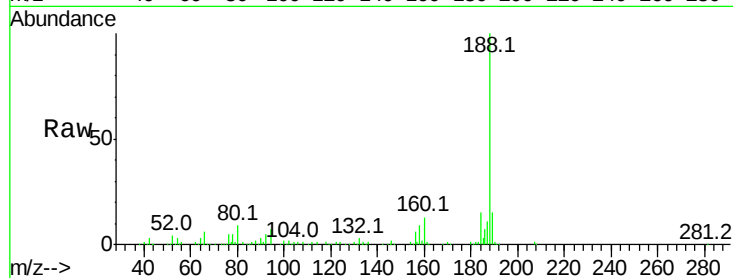




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.64 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BM015860.D
Acq: 10 Jul 2018 02:22

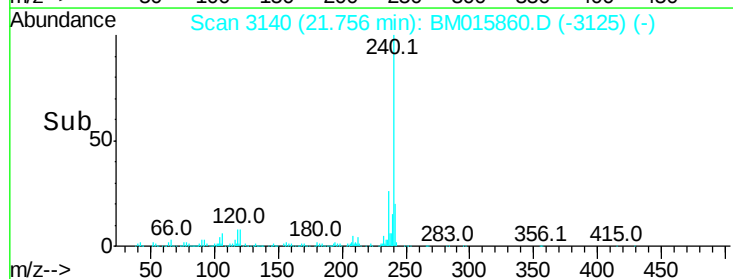
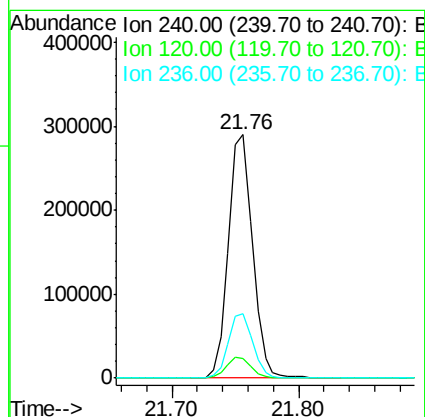
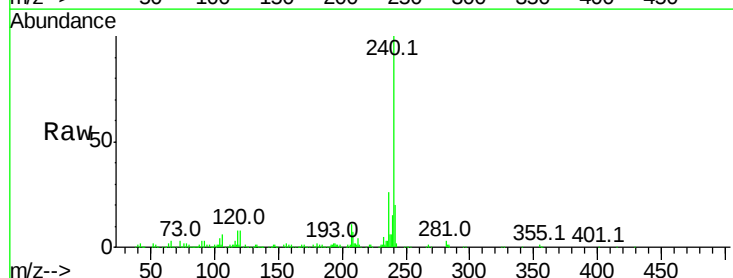
Instrument :
BNA_M
ClientSampleId :
TP-8-D

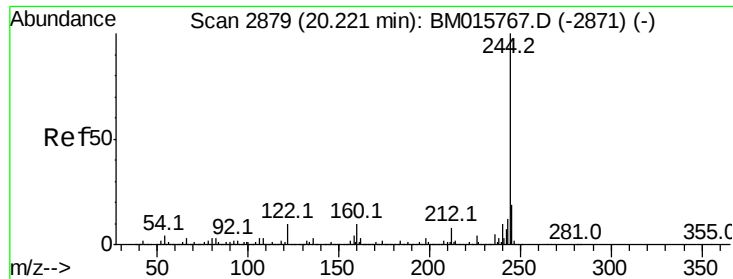
Tot Ion:188 Resp: 345588
Ion Ratio Lower Upper
188 100
94 7.4 8.7 13.1#
80 8.9 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BM015860.D
Acq: 10 Jul 2018 02:22

Tgt Ion:240 Resp: 383142
Ion Ratio Lower Upper
240 100
120 8.2 8.2 12.2
236 26.3 20.0 30.0





#78

Terphenyl-d14

Concen: Below na

RT: 20.21 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BM015860.D

Acq: 10 Jul 2018 02:22

Instrument :

BNA_M

ClientSampled :

TP-8-D

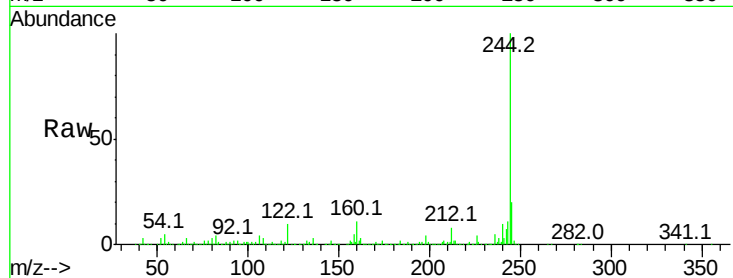
Tot Ion:244 Resp: 2237881

Ion Ratio Lower Upper

244 100

212 8.4 4.9 7.3#

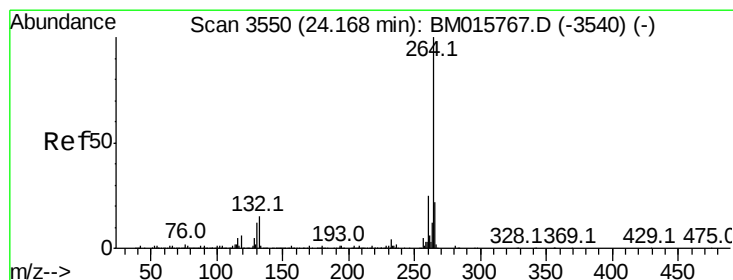
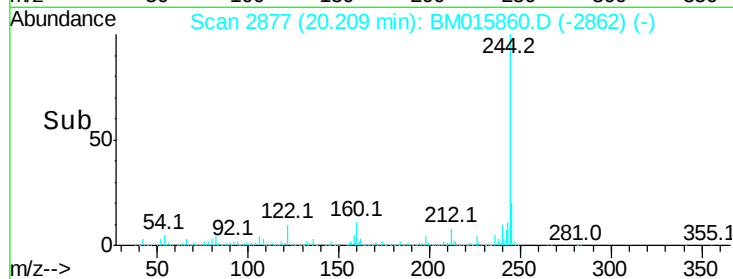
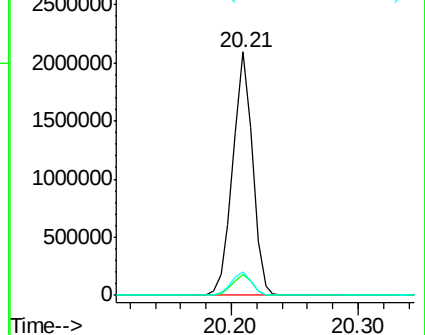
122 9.8 6.2 9.4#



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: 24.15 min Scan# 3547

Delta R.T. -0.02 min

Lab File: BM015860.D

Acq: 10 Jul 2018 02:22

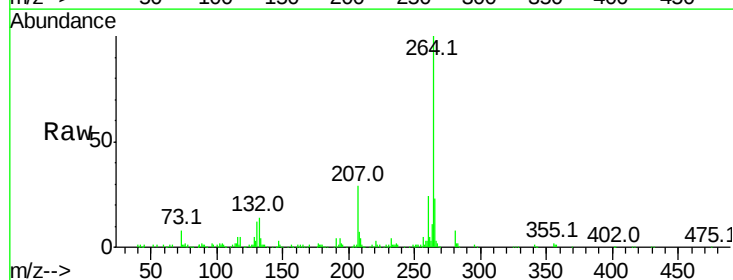
Tgt Ion:264 Resp: 370121

Ion Ratio Lower Upper

264 100

260 24.3 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

