

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070518\
 Data File : BM015778.D
 Acq On : 05 Jul 2018 21:45
 Operator : SJ/JU
 Sample : J3840-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-4-S

Quant Time: Jul 06 06:49:45 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	8.31	152	113544	20.00	ng	0.00
21) Naphthalene-d8	11.14	136	453625	20.00	ng	0.00
38) Acenaphthene-d10	14.93	164	258623	20.00	ng	0.00
63) Phenanthrene-d10	17.66	188	602821	20.00	ng	0.00
75) Chrysene-d12	21.76	240	616248	20.00	ng	0.00
86) Perylene-d12	24.17	264	565502	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.82	112	909345	137.35	ng	0.00
7) Phenol-d6	7.47	99	1036947	114.40	ng	0.00
23) Nitrobenzene-d5	9.50	82	917576	98.69	ng	0.00
41) 2,4,6-Tribromophenol	16.42	330	562254	166.38	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	1981864	95.14	ng	0.00
78) Terphenyl-d14	20.22	244	3793228	114.17	ng	0.00

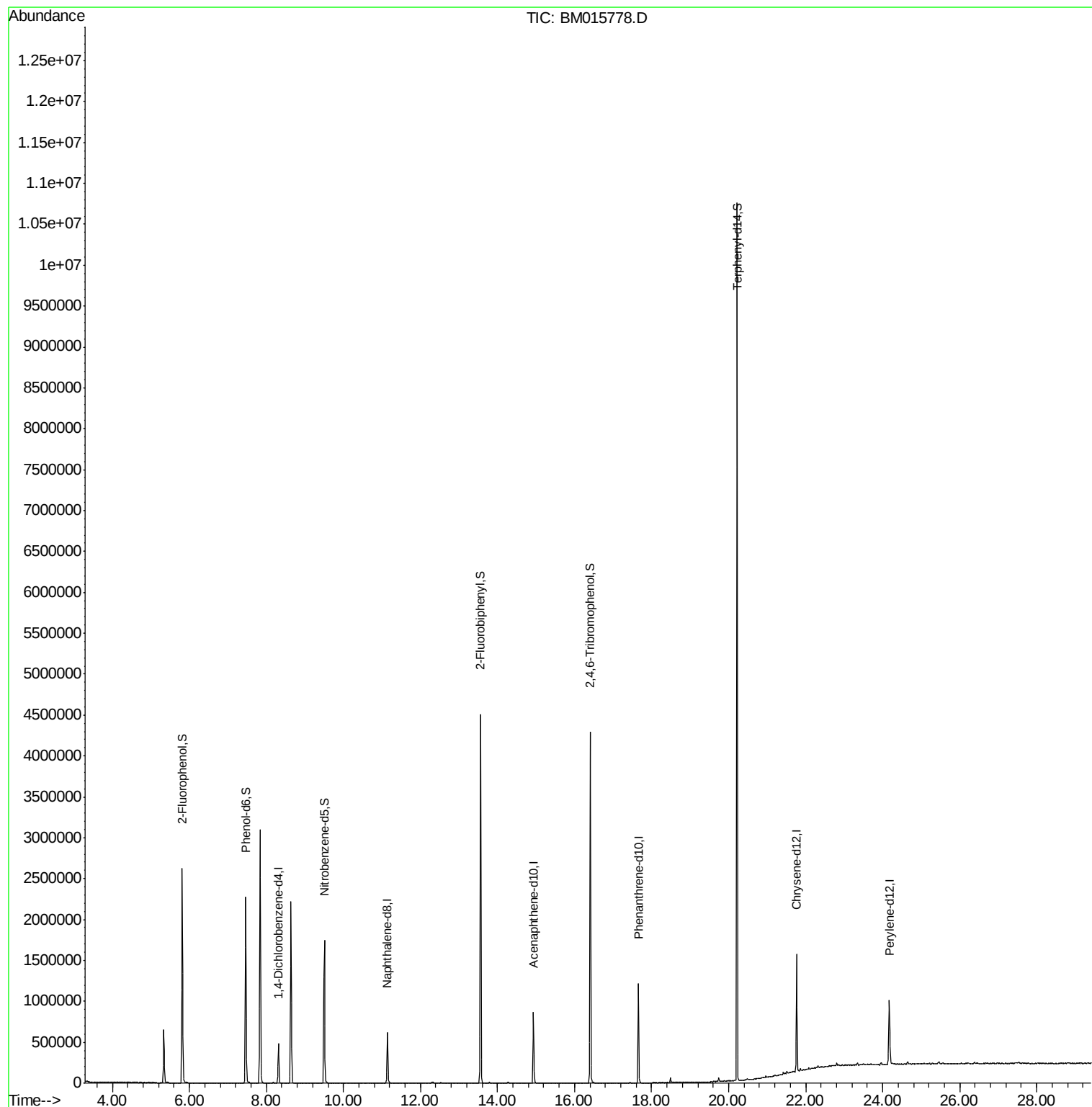
Target Compounds Qvalue

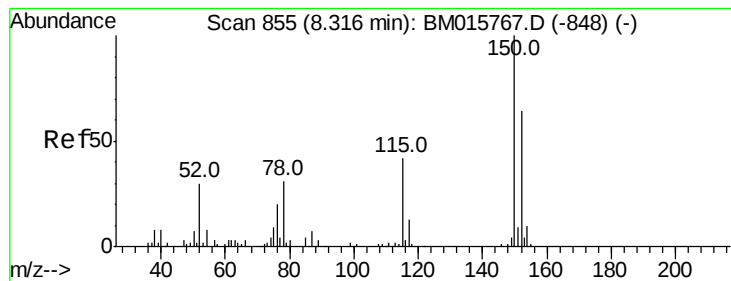
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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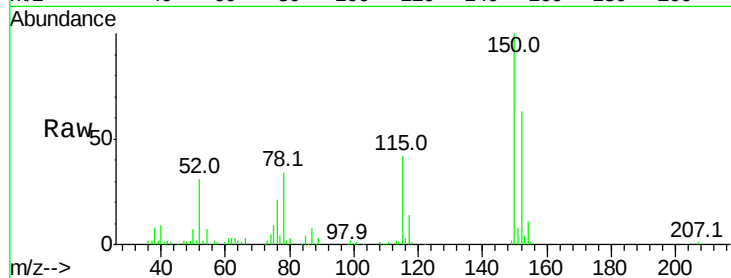


#1

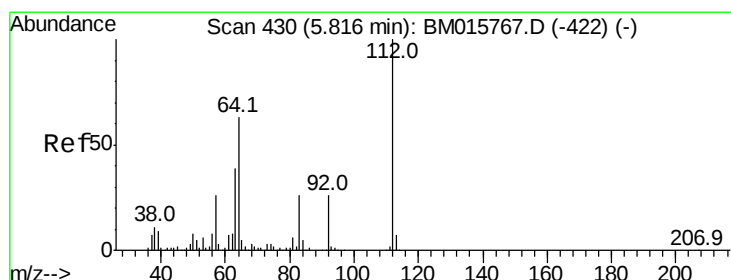
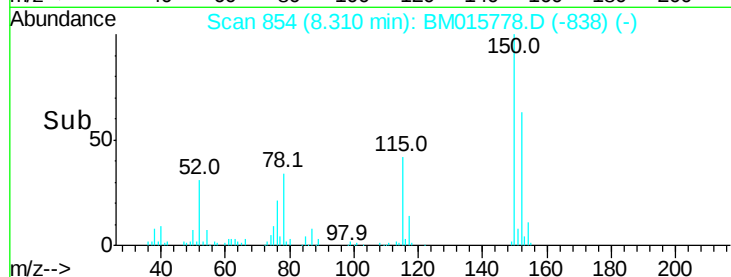
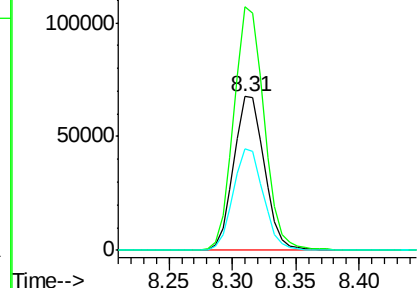
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.31 min Scan# 854
Delta R.T. -0.01 min
Lab File: BM015778.D
Acq: 05 Jul 2018 21:45

Instrument :
BNA_M
ClientSampleId :
TP-4-S

Tot Ion:152 Resp: 113544
Ion Ratio Lower Upper
152 100
150 158.7 119.5 179.3
115 66.0 43.0 64.4#



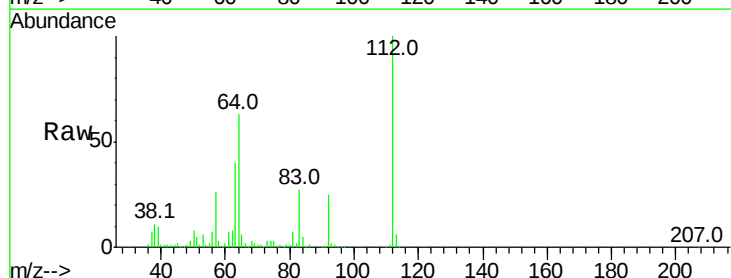
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



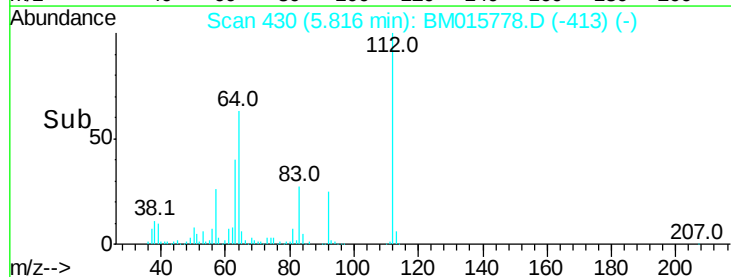
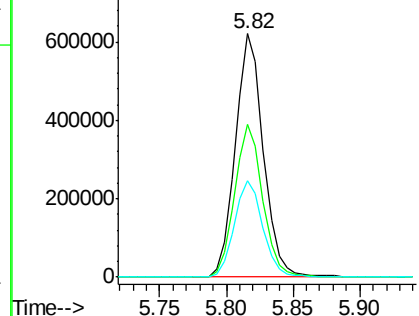
#5

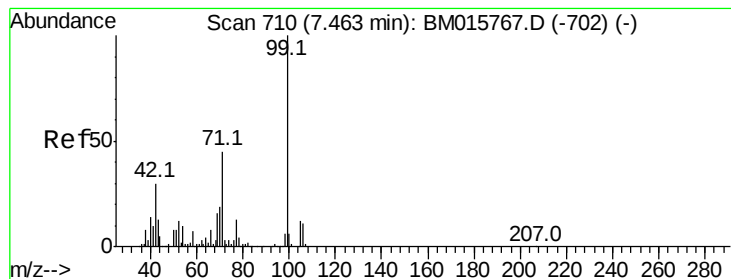
2-Fluorophenol
Concen: Below ng
RT: 5.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BM015778.D
Acq: 05 Jul 2018 21:45

Tgt Ion:112 Resp: 909345
Ion Ratio Lower Upper
112 100
64 62.8 38.6 57.8#
63 39.7 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: 7.47 min Scan# 711

Delta R.T. 0.01 min

Lab File: BM015778.D

Acq: 05 Jul 2018 21:45

Instrument :

BNA_M

ClientSampleId :

TP-4-S

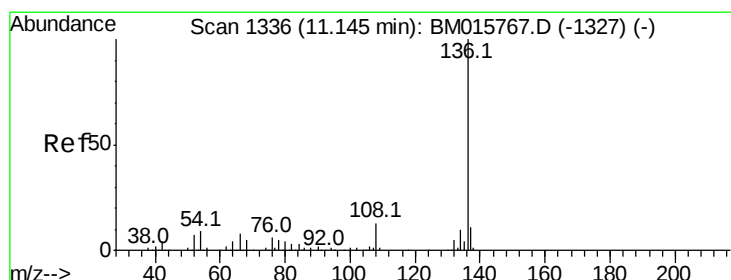
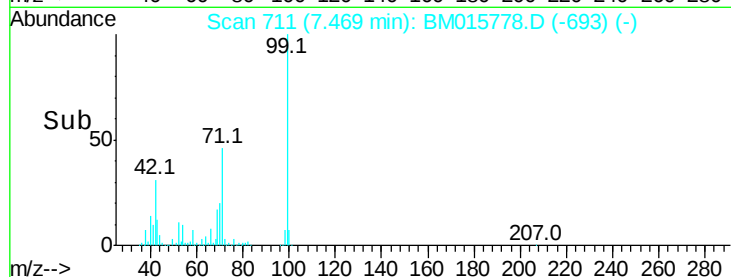
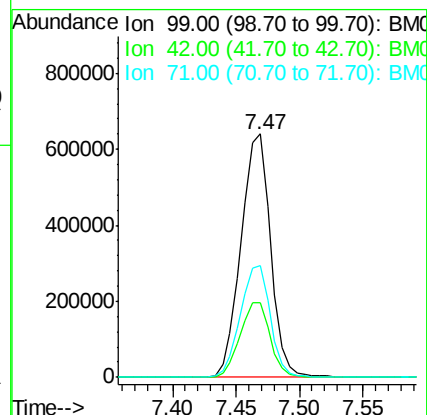
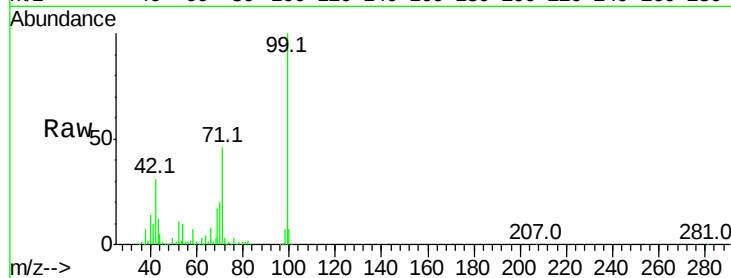
Tot Ion: 99 Resp: 1036947

Ion Ratio Lower Upper

99 100

42 30.7 11.0 16.4#

71 45.8 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.14 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BM015778.D

Acq: 05 Jul 2018 21:45

Tgt Ion: 136 Resp: 453625

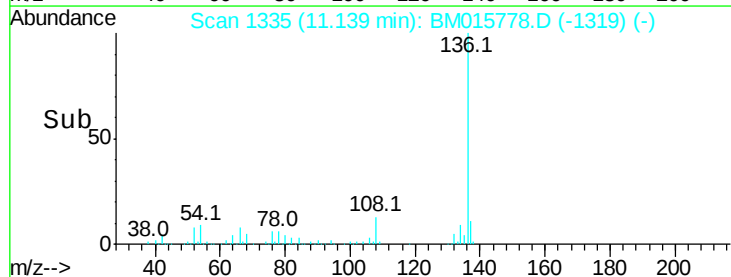
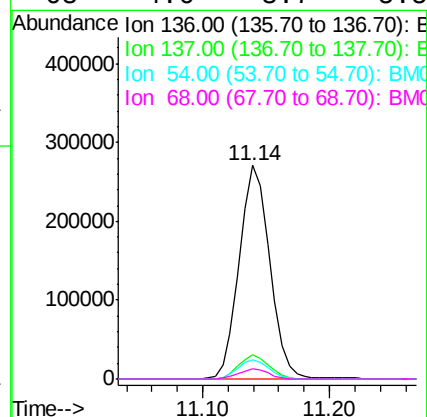
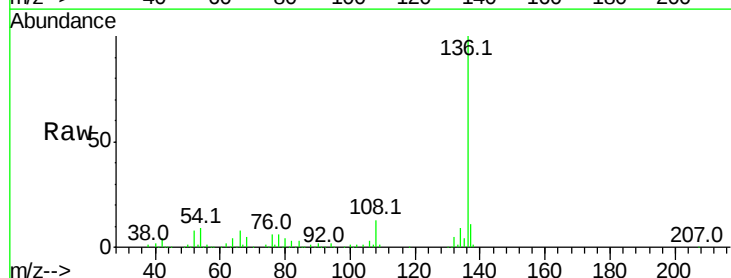
Ion Ratio Lower Upper

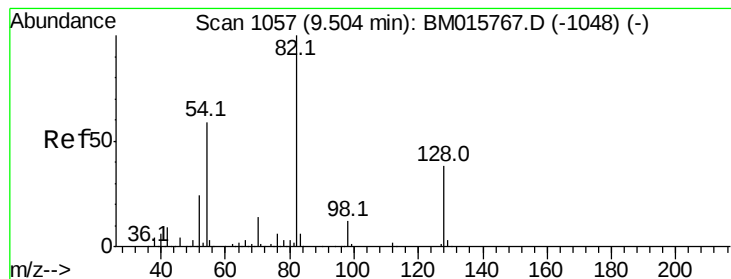
136 100

137 11.1 8.7 13.1

54 8.8 4.6 6.8#

68 4.6 3.7 5.5





#23

Nitrobenzene-d5

Concen: Below na

RT: 9.50 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BM015778.D

Acq: 05 Jul 2018 21:45

Instrument :

BNA_M

ClientSampled :

TP-4-S

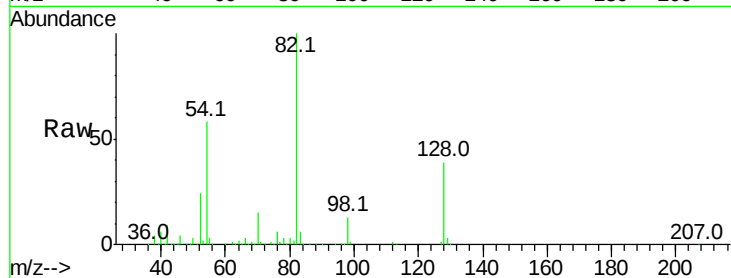
Tot Ion: 82 Resp: 917576

Ion Ratio Lower Upper

82 100

128 38.8 32.8 49.2

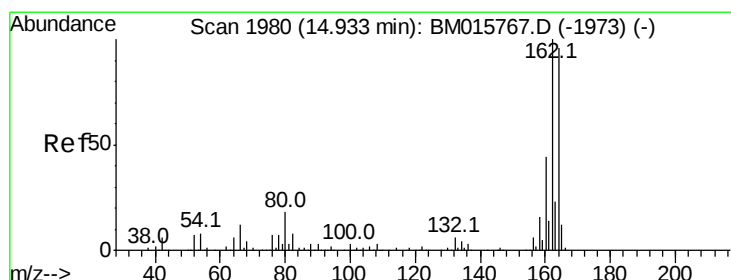
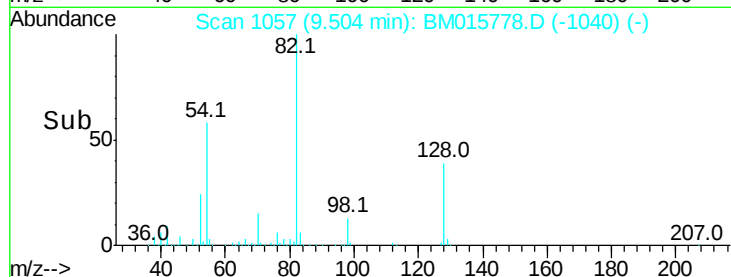
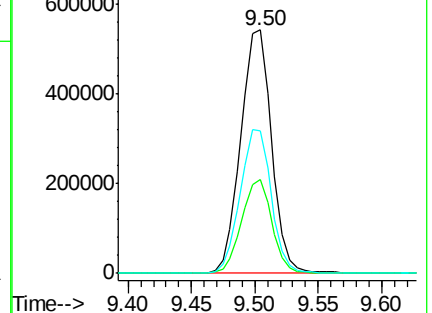
54 58.4 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM015778.D (-1040) (-)

Ion 128.00 (127.70 to 128.70): BM015778.D (-1040) (-)

Ion 54.00 (53.70 to 54.70): BM015778.D (-1040) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.93 min Scan# 1980

Delta R.T. -0.00 min

Lab File: BM015778.D

Acq: 05 Jul 2018 21:45

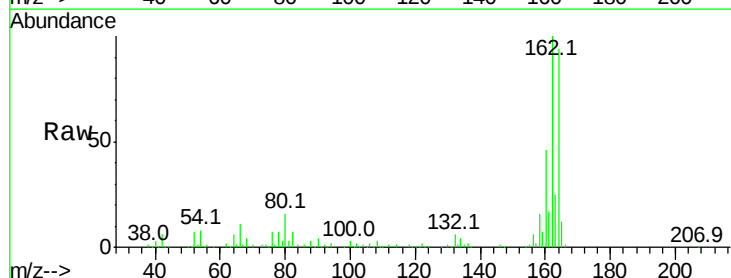
Tgt Ion:164 Resp: 258623

Ion Ratio Lower Upper

164 100

162 106.2 82.4 123.6

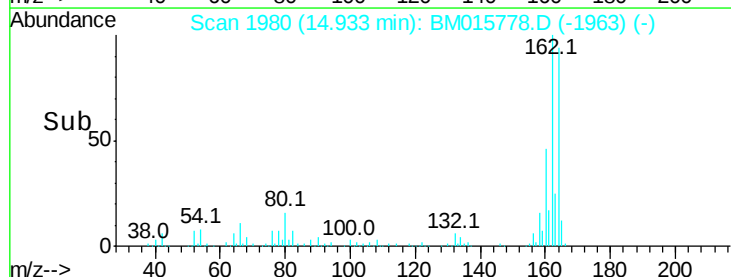
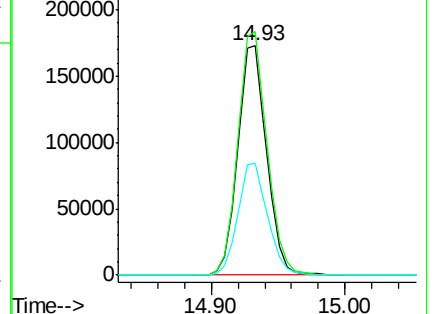
160 48.5 35.8 53.6

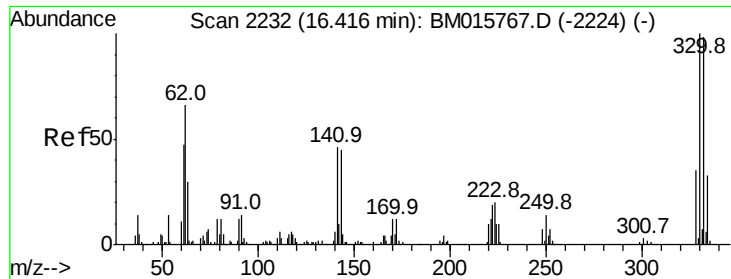


Abundance Ion 164.00 (163.70 to 164.70): BM015778.D (-1963) (-)

Ion 162.00 (161.70 to 162.70): BM015778.D (-1963) (-)

Ion 160.00 (159.70 to 160.70): BM015778.D (-1963) (-)

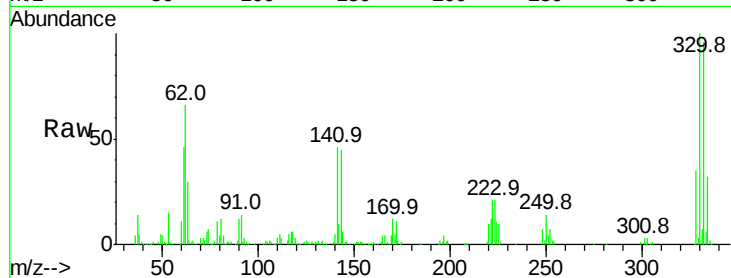




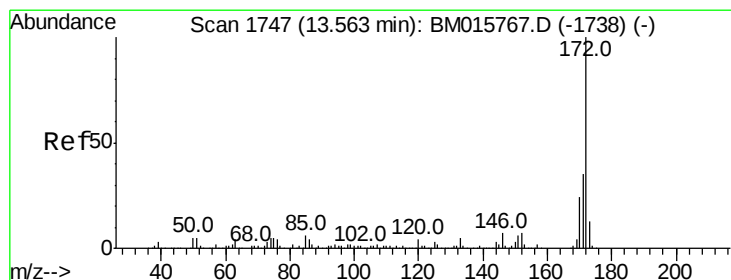
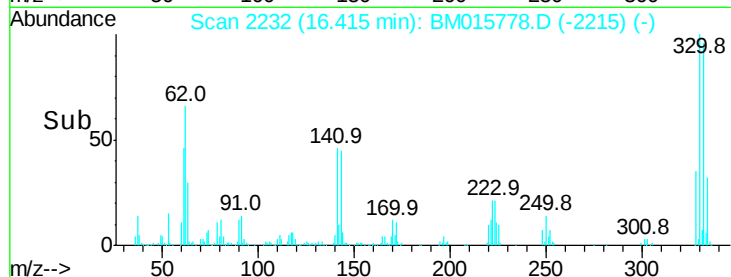
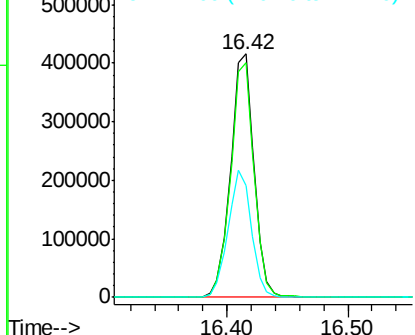
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.42 min Scan# 2232
 Delta R.T. -0.00 min
 Lab File: BM015778.D
 Acq: 05 Jul 2018 21:45

Instrument :
 BNA_M
 ClientSampled :
 TP-4-S

Tot Ion:330 Resp: 562254
 Ion Ratio Lower Upper
 330 100
 332 96.6 0.0 0.0#
 141 52.3 0.0 0.0#

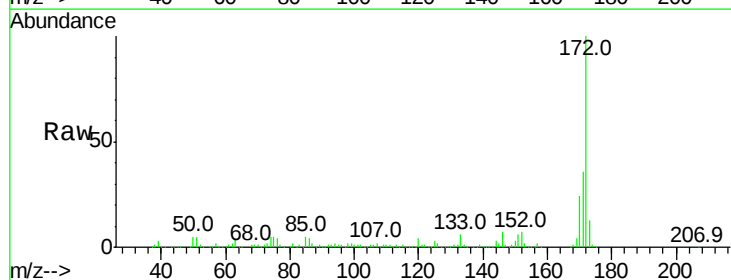


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

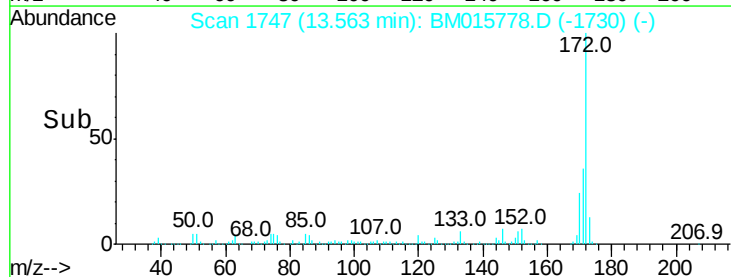
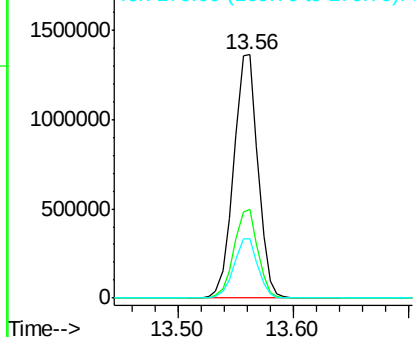


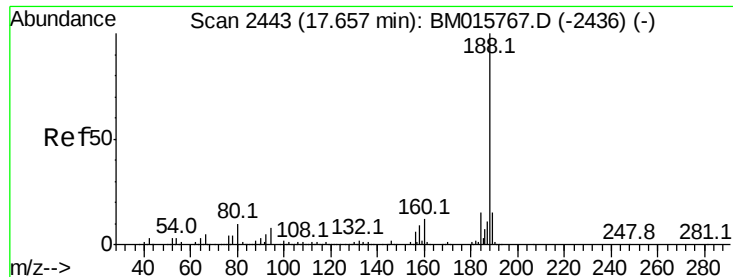
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.56 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: BM015778.D
 Acq: 05 Jul 2018 21:45

Tgt Ion:172 Resp: 1981864
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.5 42.7
 170 24.4 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

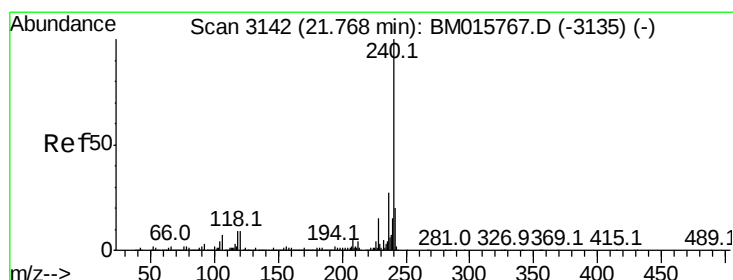
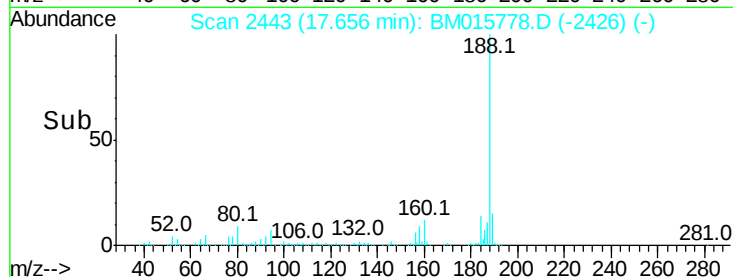
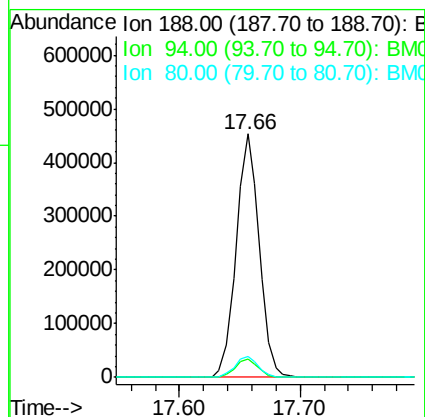
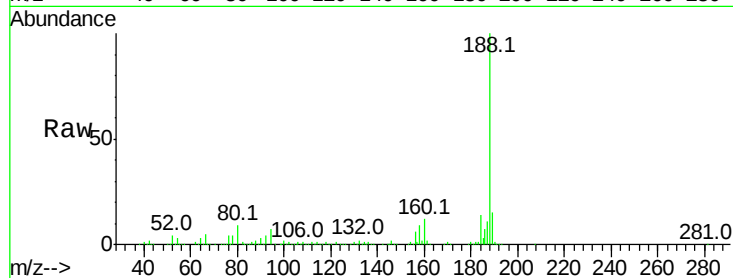




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.66 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BM015778.D
Acq: 05 Jul 2018 21:45

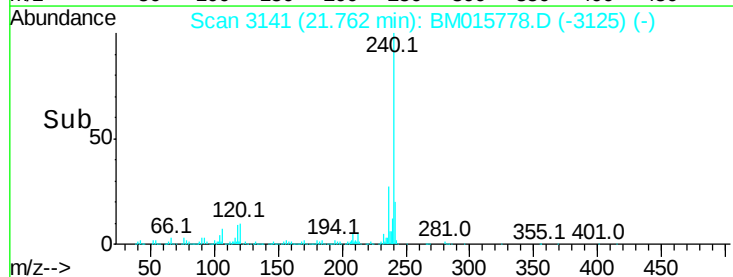
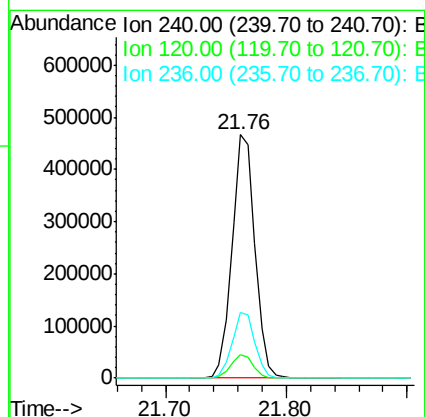
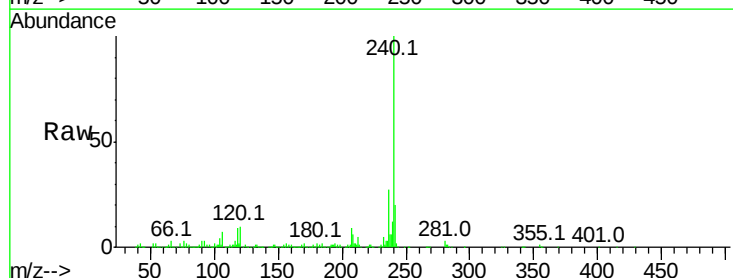
Instrument :
BNA_M
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TP-4-S

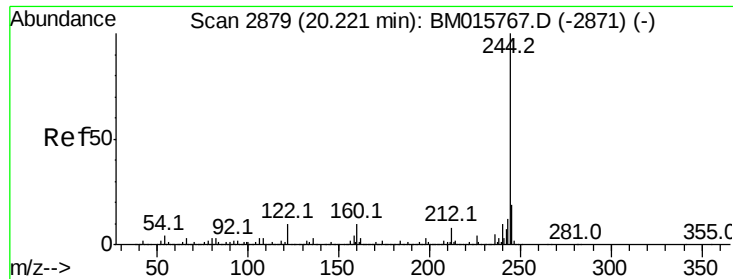
Tot Ion:188 Resp: 602821
Ion Ratio Lower Upper
188 100
94 7.4 8.7 13.1#
80 8.8 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BM015778.D
Acq: 05 Jul 2018 21:45

Tgt Ion:240 Resp: 616248
Ion Ratio Lower Upper
240 100
120 9.6 8.2 12.2
236 26.9 20.0 30.0

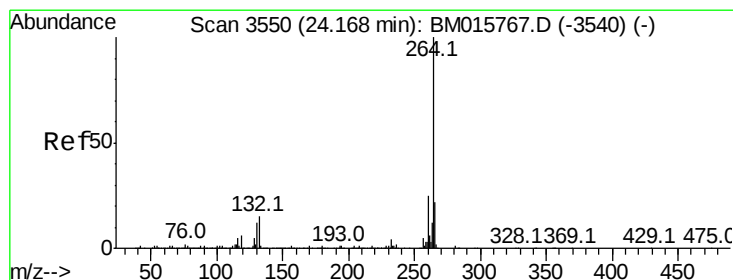
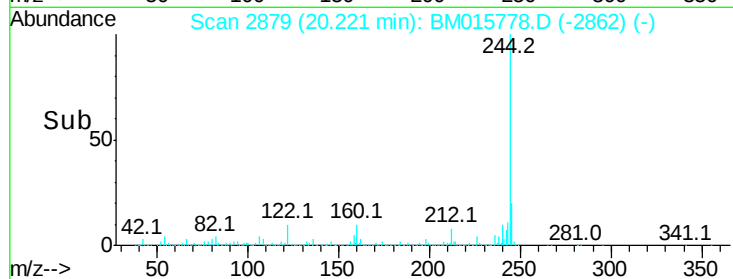
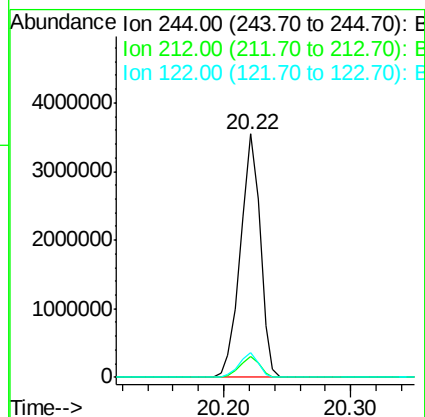
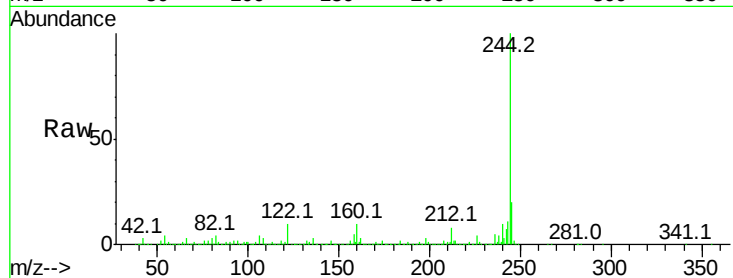




#78
 Terphenyl-d14
 Concen: Below na
 RT: 20.22 min Scan# 2879
 Delta R.T. -0.00 min
 Lab File: BM015778.D
 Acq: 05 Jul 2018 21:45

Instrument :
 BNA_M
 ClientSampleId :
 TP-4-S

Tot Ion:244 Resp: 3793228
 Ion Ratio Lower Upper
 244 100
 212 8.4 4.9 7.3#
 122 10.0 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.17 min Scan# 3550
 Delta R.T. -0.00 min
 Lab File: BM015778.D
 Acq: 05 Jul 2018 21:45

Tgt Ion:264 Resp: 565502
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.6 27.8
 265 21.7 17.3 25.9

