

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 :

Quant Time: Jul 06 06:57:07 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

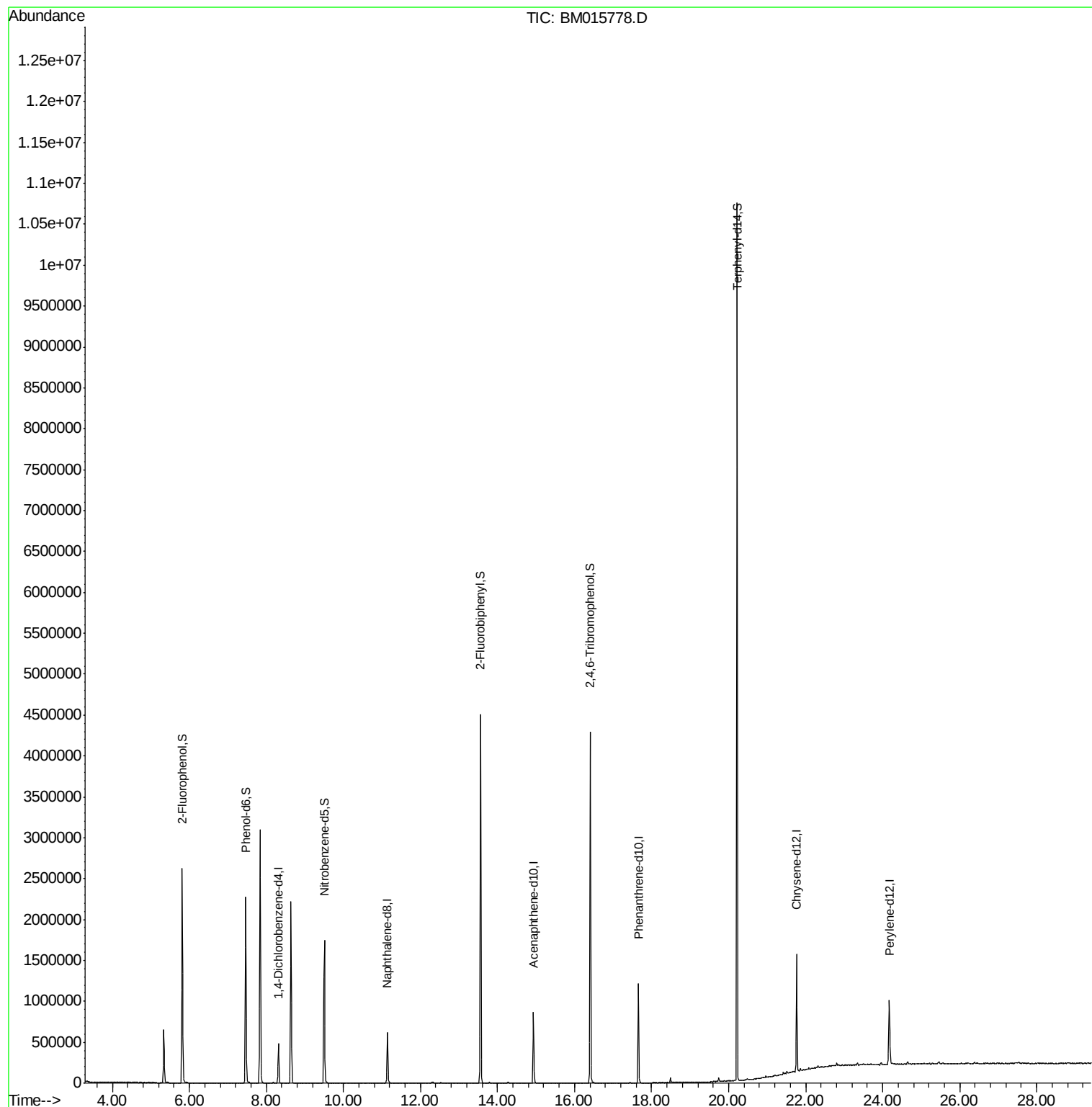
Target Compounds Qvalue

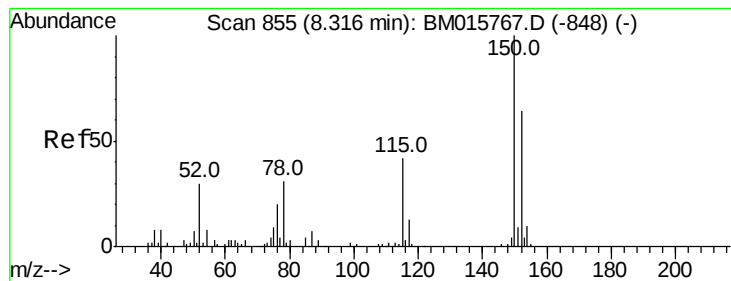
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 :

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



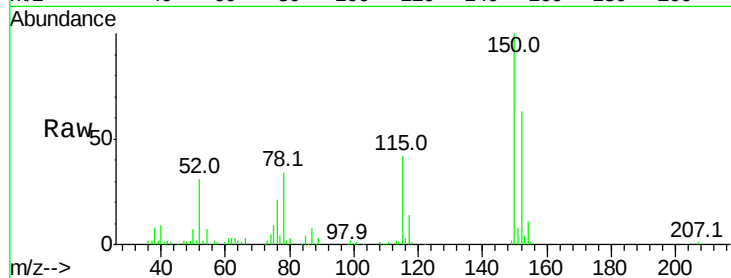


#1

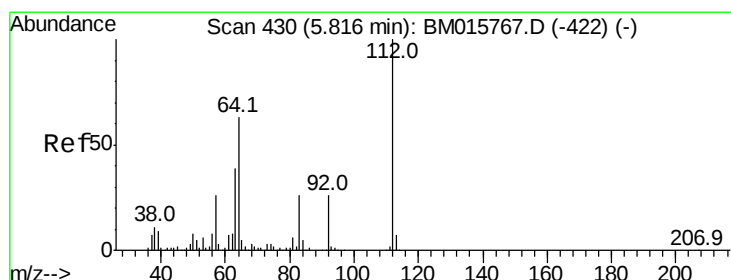
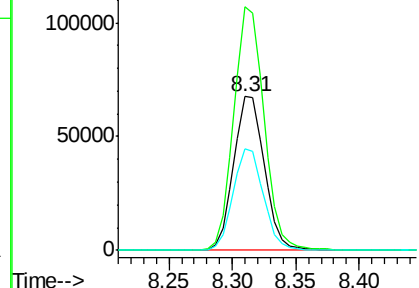
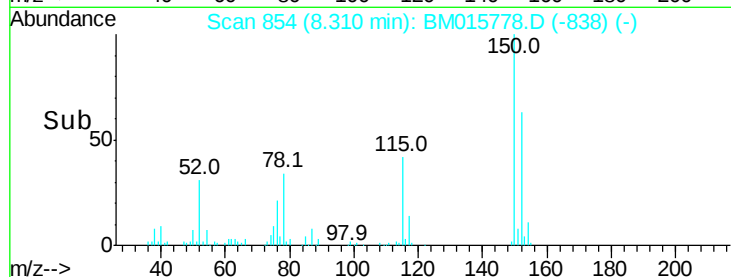
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.31 min Scan# 854
Delta R.T. -0.01 min
Lab File: BM015778.D
Acq: 05 Jul 2018 21:45

Instrument :
BNA_M
ClientSampled :

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#



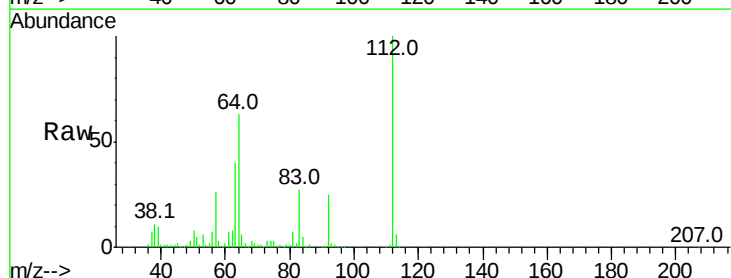
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



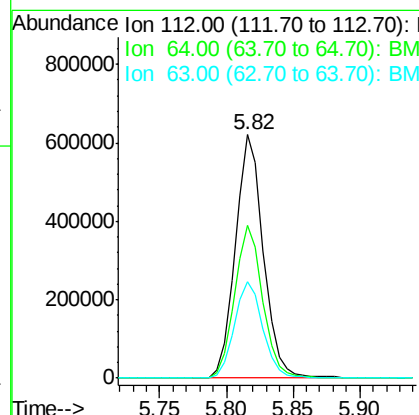
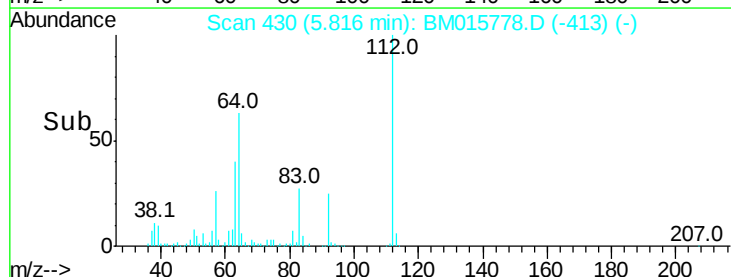
#5

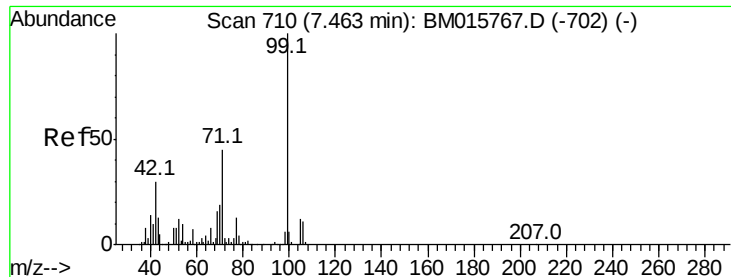
2-Fluorophenol
Concen: Below ng
RT: 5.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BM015778.D
Acq: 05 Jul 2018 21:45

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 :

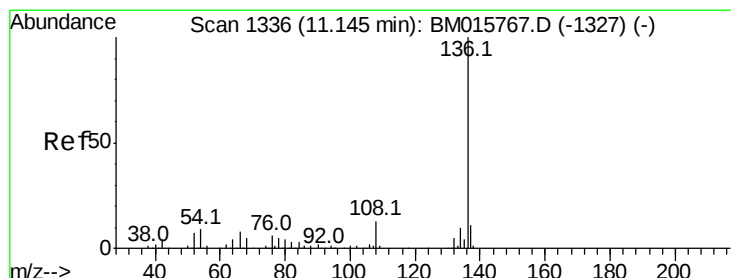
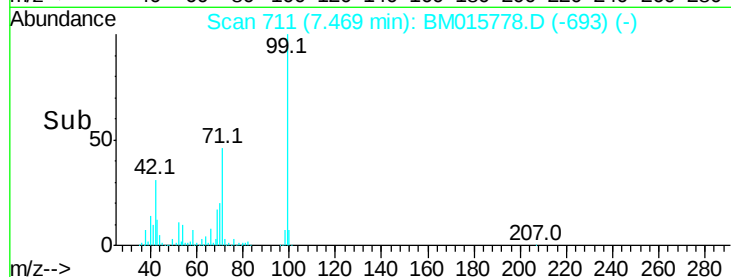
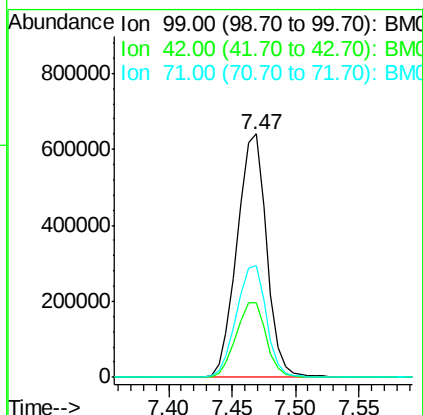
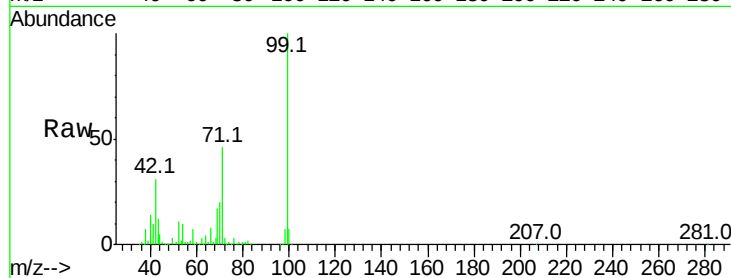
Tot Ion: 99 Resp: 1036947

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

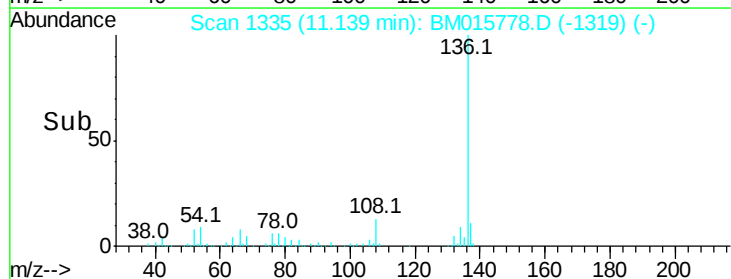
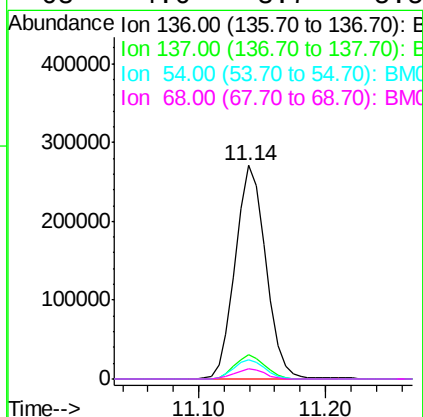
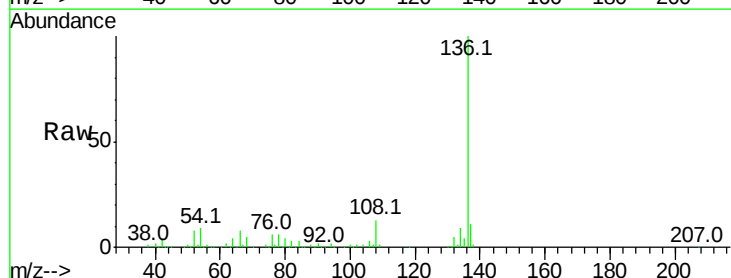
Ion Ratio Lower Upper

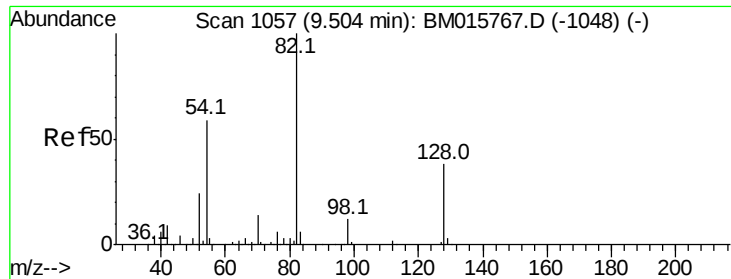
136 100

137 11.1 8.7 13.1

54 8.8 4.6 6.8#

68 4.6 3.7 5.5

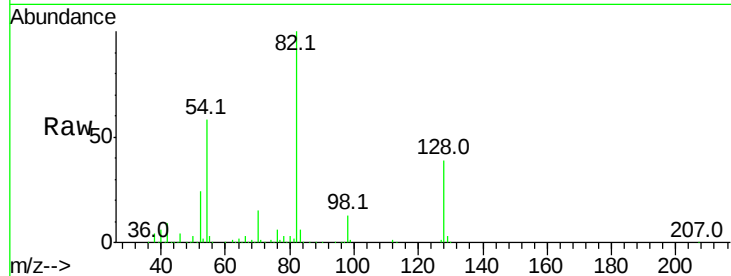




#23
 Nitrobenzene-d5
 Concen: Below na
 RT: 9.50 min Scan# 1057
 Delta R.T. -0.00 min
 Lab File: BM015778.D
 Acq: 05 Jul 2018 21:45

Instrument :
 BNA_M
 ClientSampleId :

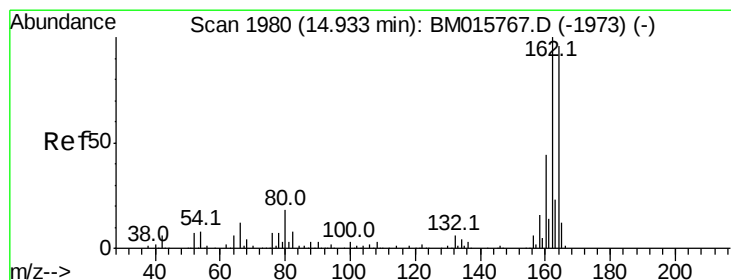
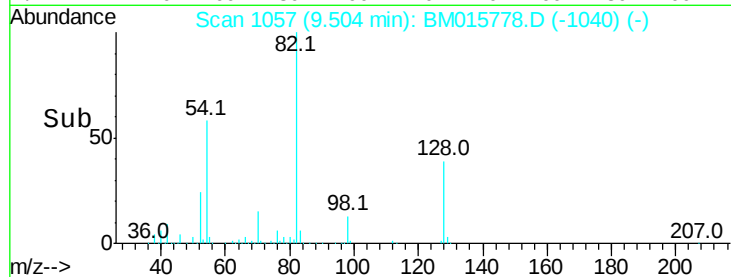
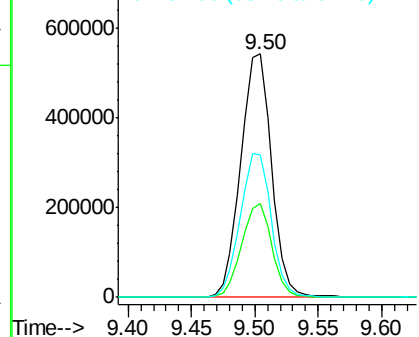
Tot Ion	82	Resp	917576
Ion Ratio	Lower	Upper	
82	100		
128	38.8	32.8	49.2
54	58.4	40.6	60.8



Abundance Ion 82.00 (81.70 to 82.70): BM015767.D (-1048) (-)

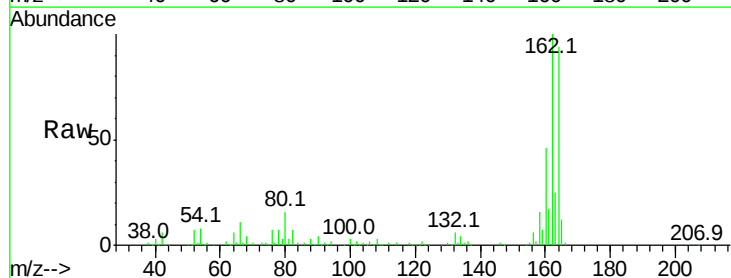
Ion 128.00 (127.70 to 128.70): BM015767.D (-1048) (-)

Ion 54.00 (53.70 to 54.70): BM015767.D (-1048) (-)



#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

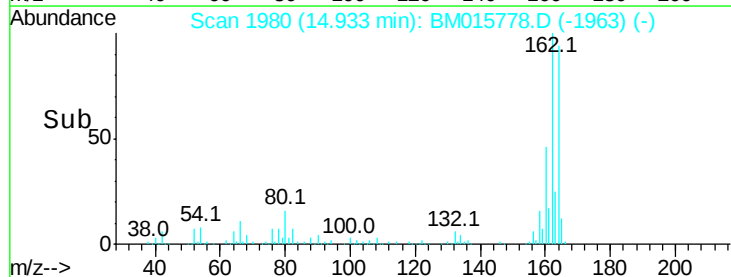
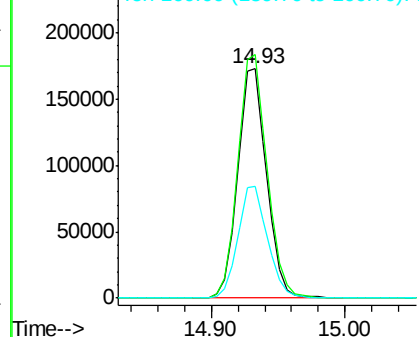
Tgt Ion	164	Resp	258623
Ion Ratio	Lower	Upper	
164	100		
162	106.2	82.4	123.6
160	48.5	35.8	53.6

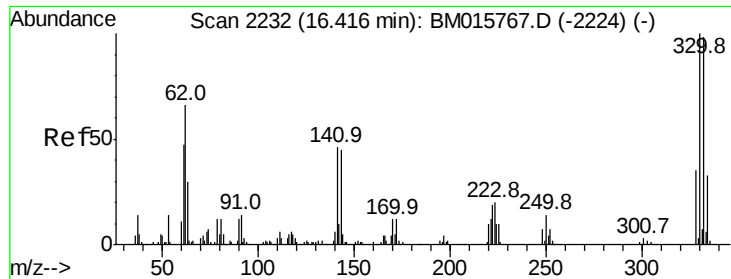


Abundance Ion 164.00 (163.70 to 164.70): BM015767.D (-1973) (-)

Ion 162.00 (161.70 to 162.70): BM015767.D (-1973) (-)

Ion 160.00 (159.70 to 160.70): BM015767.D (-1973) (-)

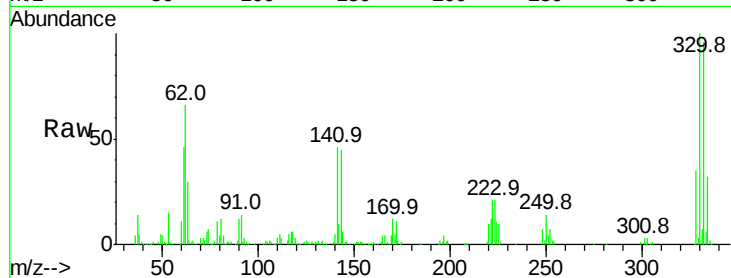




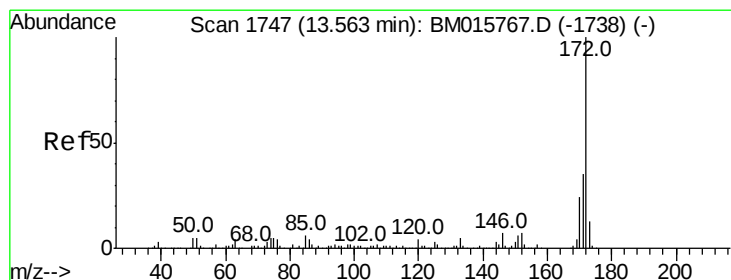
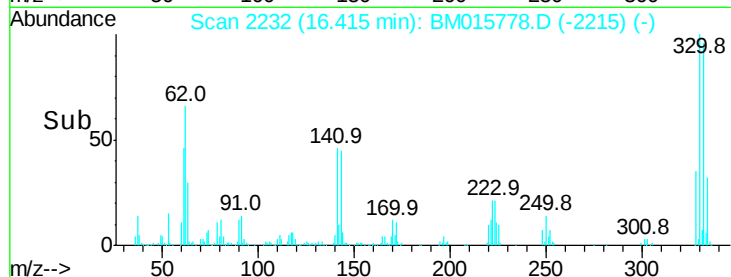
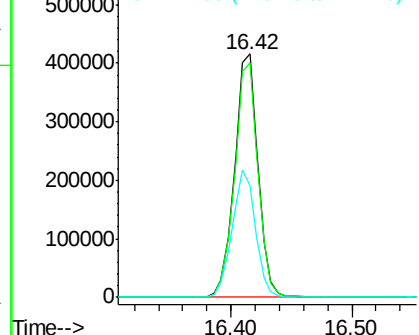
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.42 min Scan# 2232
 Delta R.T. -0.00 min
 Lab File: BM015778.D
 Acq: 05 Jul 2018 21:45

Instrument :
 BNA_M
 ClientSampleId :

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#

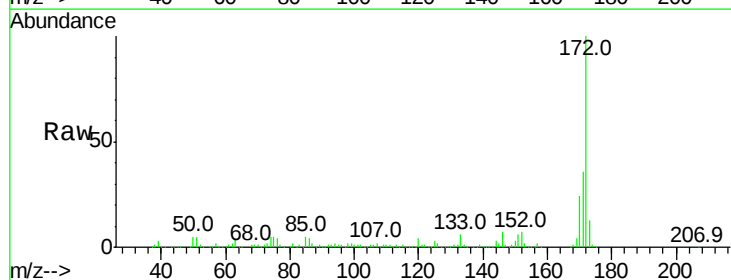


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

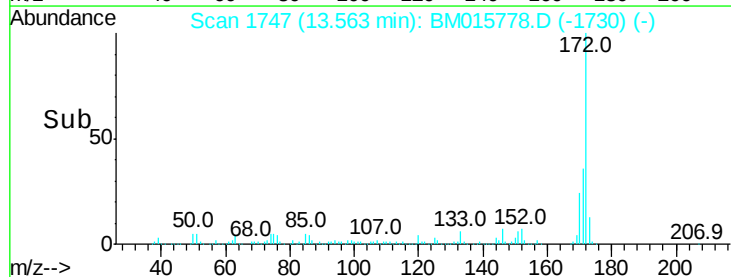
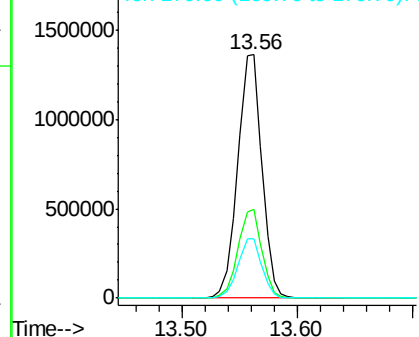


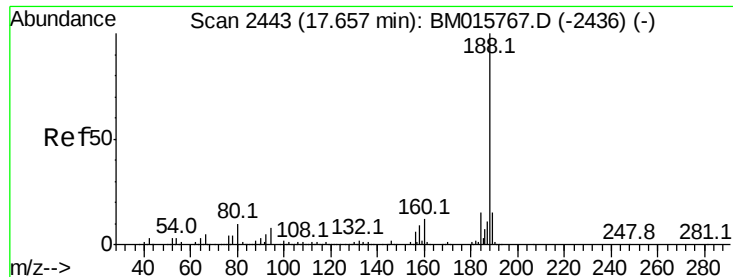
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.56 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: BM015778.D
 Acq: 05 Jul 2018 21:45

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

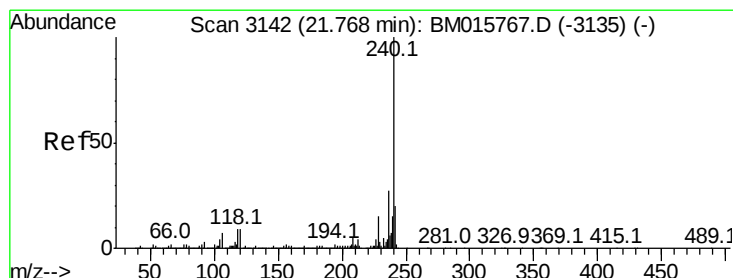
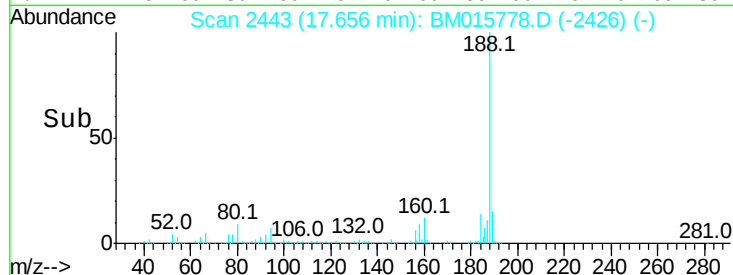
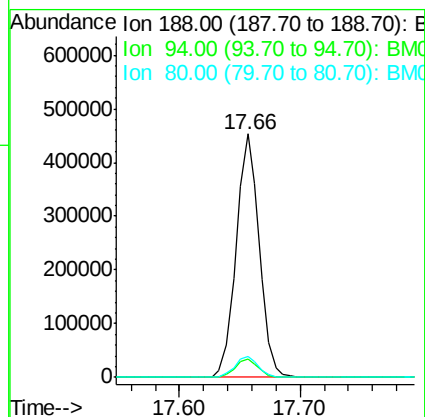
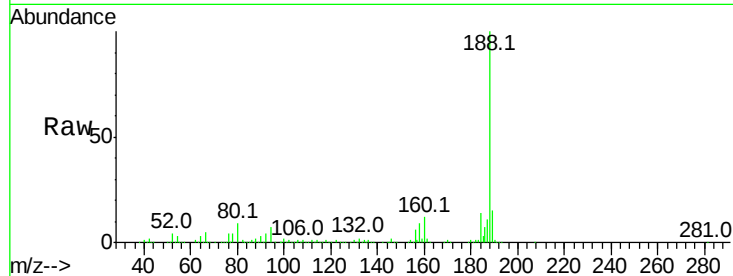




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.66 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BM015778.D
Acq: 05 Jul 2018 21:45

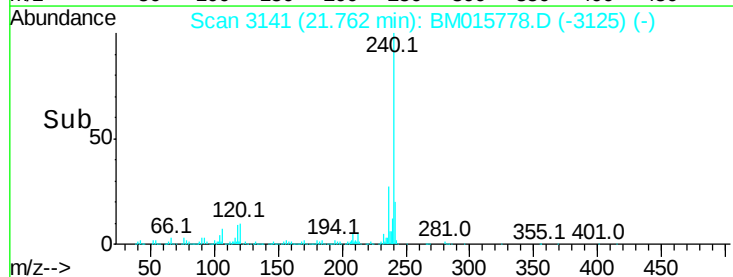
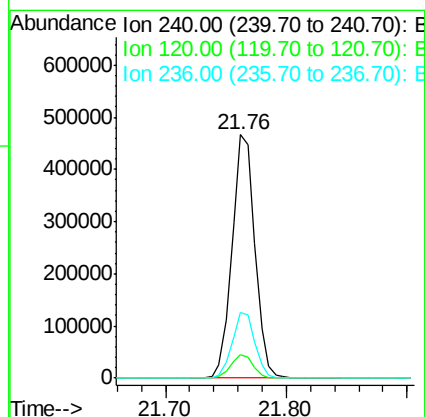
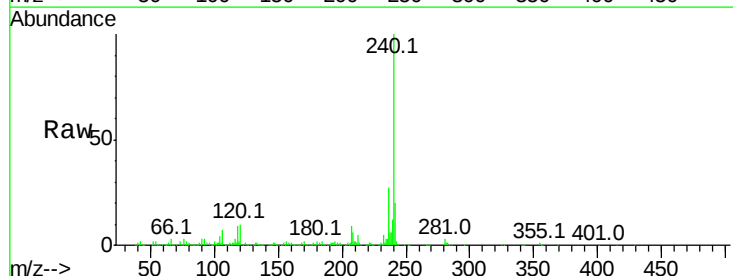
Instrument :
BNA_M
ClientSampleId :

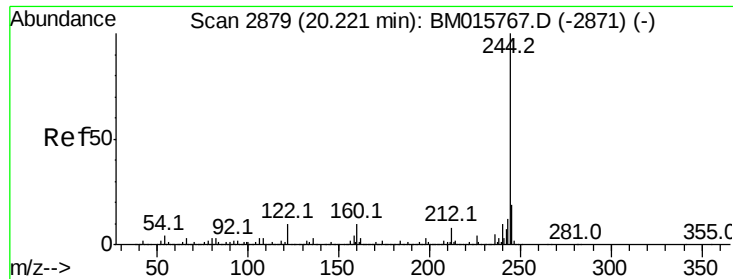
Tot Ion:188 Resp: 602821
Ion Ratio Lower Upper
188 100
94 7.4 8.7 13.1#
80 8.8 9.3 13.9#



#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 :

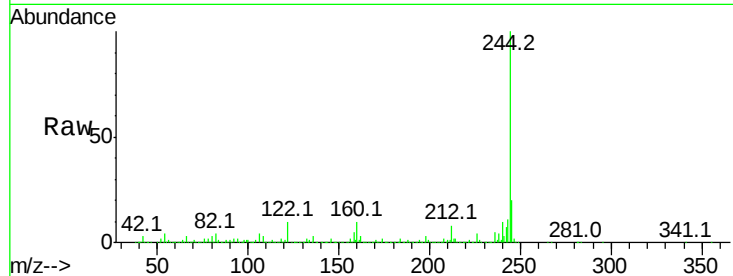
Tot Ion:244 Resp: 3793228

Ion	Ratio	Lower	Upper
244	100		
212	8.4	4.9	7.3#
122	10.0	6.2	9.4#

244 100

212 8.4 4.9 7.3#

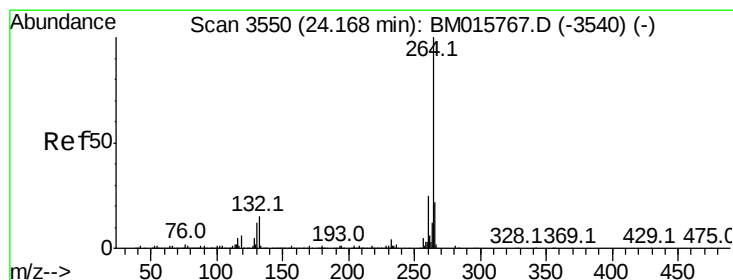
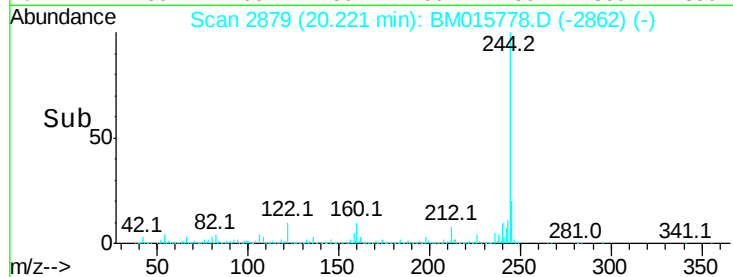
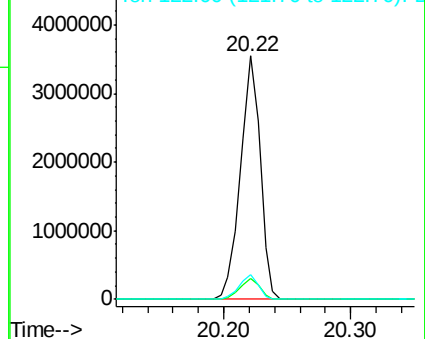
122 10.0 6.2 9.4#



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: 24.17 min Scan# 3550

Delta R.T. -0.00 min

Lab File: BM015778.D

Acq: 05 Jul 2018 21:45

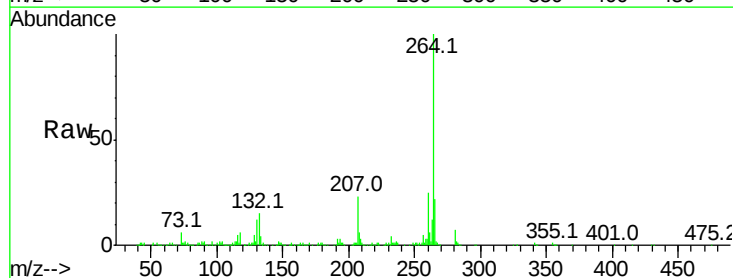
Tgt Ion:264 Resp: 565502

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.6	27.8
265	21.7	17.3	25.9

264 100

260 24.7 18.6 27.8

265 21.7 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

