

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070518\
 Data File : BM015777.D
 Acq On : 05 Jul 2018 21:08
 Operator : SJ/JU
 Sample : J3840-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 06 06:56:58 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	119711	20.00	ng	0.00
21) Naphthalene-d8	11.14	136	479540	20.00	ng	0.00
38) Acenaphthene-d10	14.93	164	276249	20.00	ng	0.00
63) Phenanthrene-d10	17.66	188	636844	20.00	ng	0.00
75) Chrysene-d12	21.76	240	660230	20.00	ng	0.00
86) Perylene-d12	24.17	264	589963	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.82	112	971094	139.12	ng	0.00
7) Phenol-d6	7.47	99	1121038	117.31	ng	0.00
23) Nitrobenzene-d5	9.50	82	961976	97.88	ng	0.00
41) 2,4,6-Tribromophenol	16.42	330	597960	165.66	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	2071398	93.09	ng	0.00
78) Terphenyl-d14	20.22	244	3992529	112.17	ng	0.00

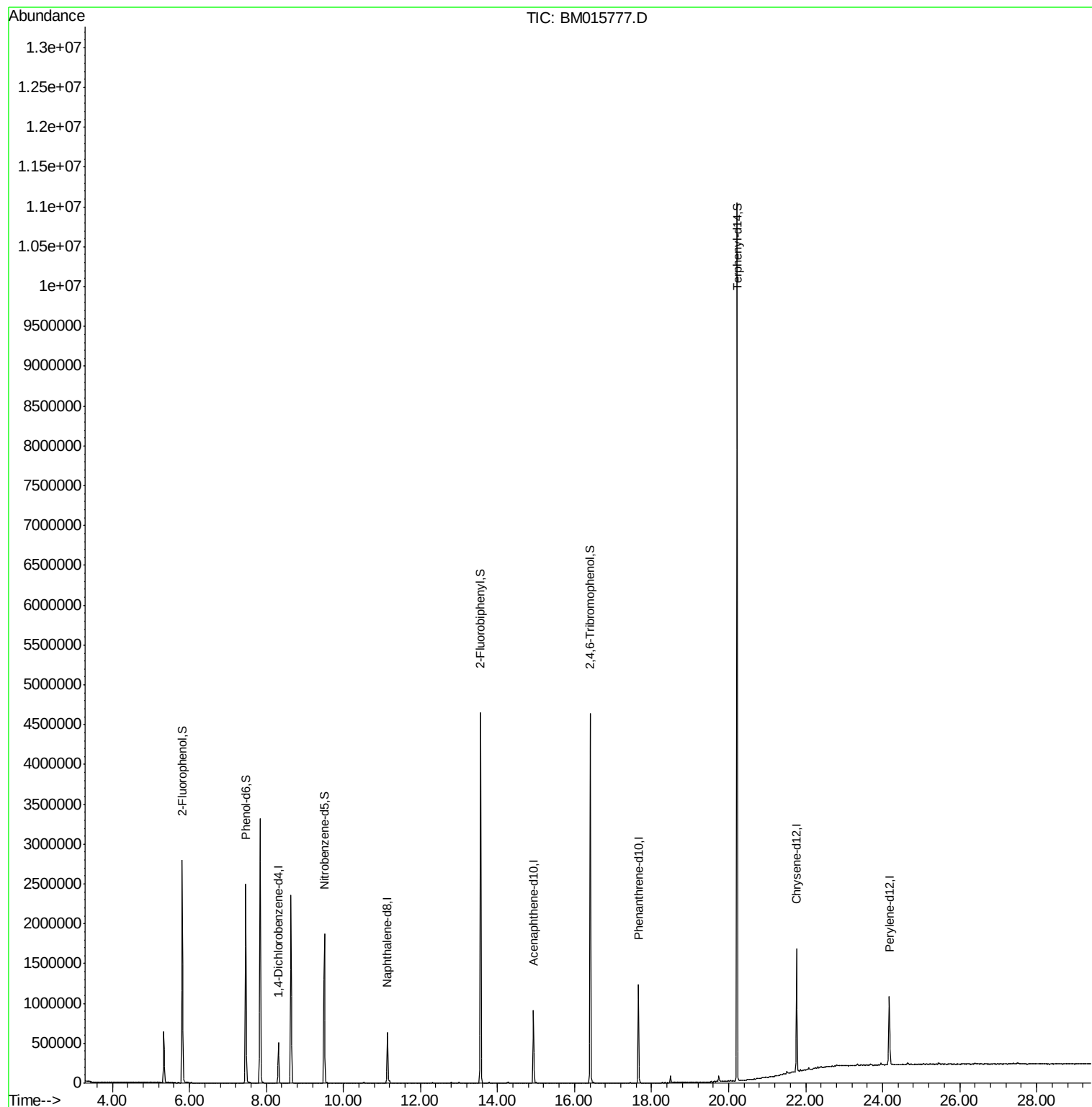
Target Compounds Qvalue

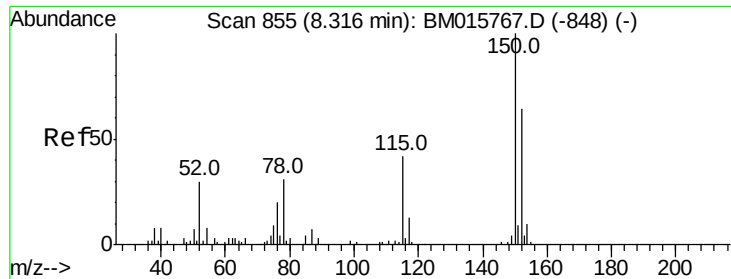
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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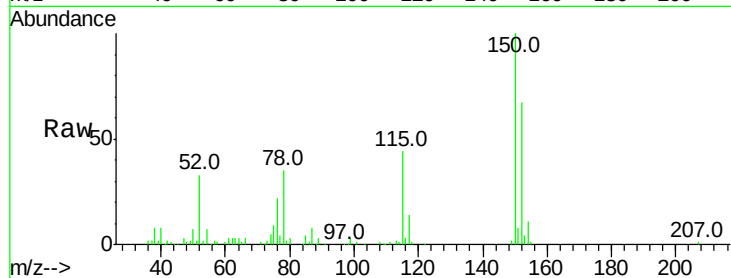


#1

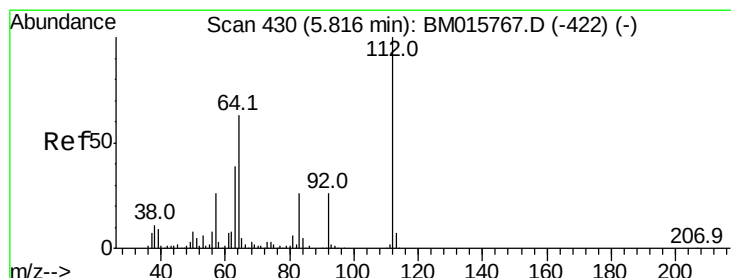
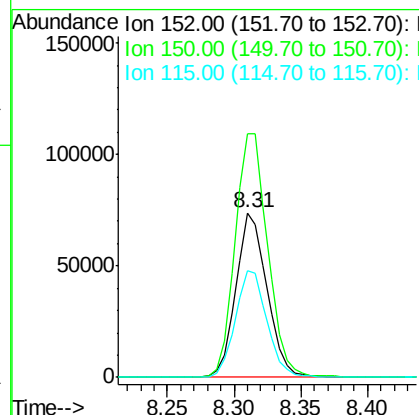
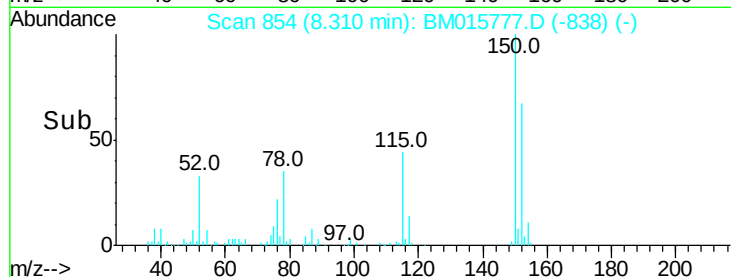
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.31 min Scan# 854
Delta R.T. -0.01 min
Lab File: BM015777.D
Acq: 05 Jul 2018 21:08

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.2	119.5	179.3
115	65.0	43.0	64.4#



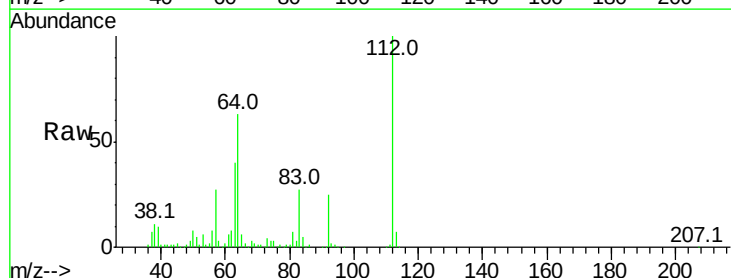
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



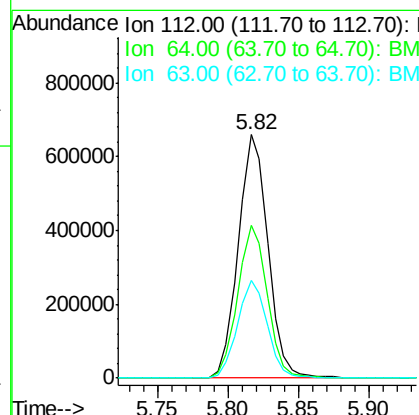
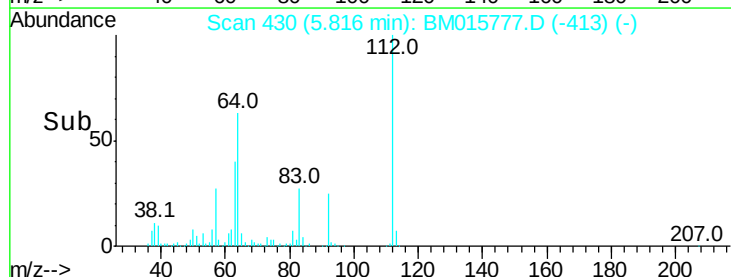
#5

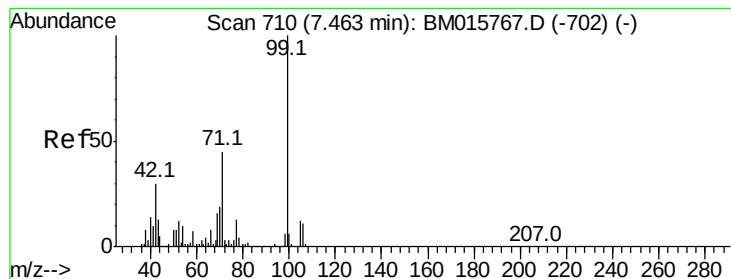
2-Fluorophenol
Concen: Below ng
RT: 5.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BM015777.D
Acq: 05 Jul 2018 21:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.7	38.6	57.8#
63	39.9	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: BM015777.D

Acq: 05 Jul 2018 21:08

Instrument :

BNA_M

ClientSampleId :

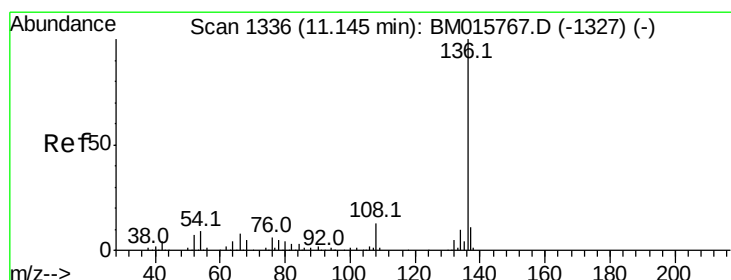
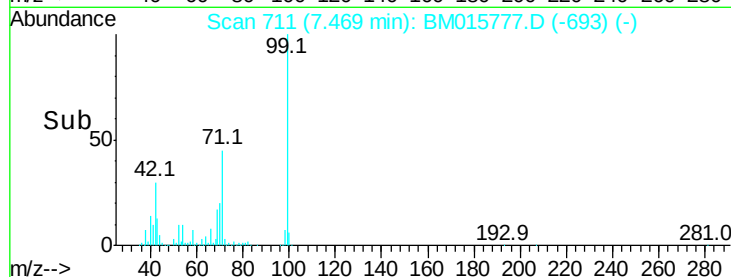
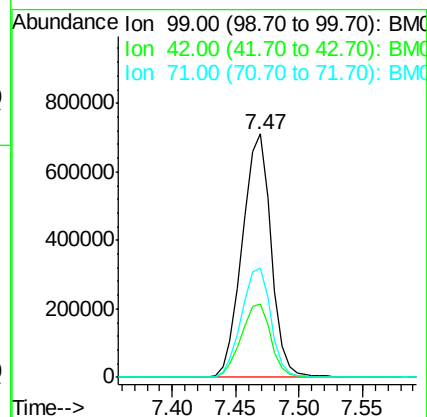
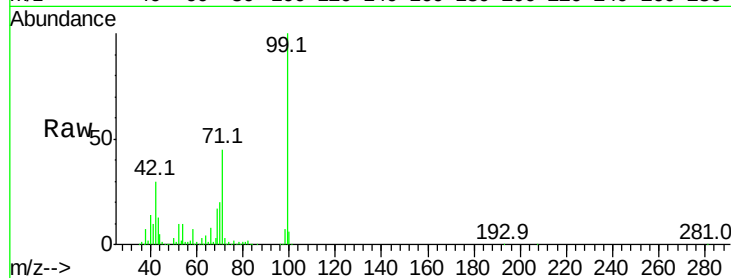
Tot Ion: 99 Resp: 1121038

Ion Ratio Lower Upper

99 100

42 30.3 11.0 16.4#

71 44.9 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: BM015777.D

Acq: 05 Jul 2018 21:08

Tgt Ion: 136 Resp: 479540

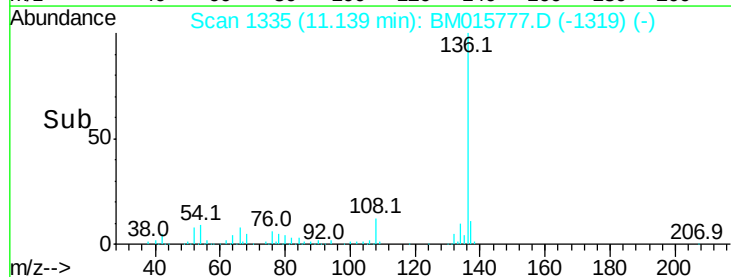
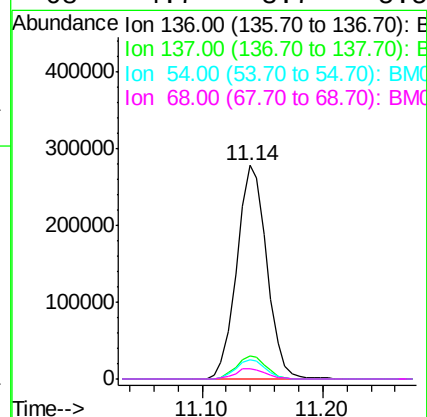
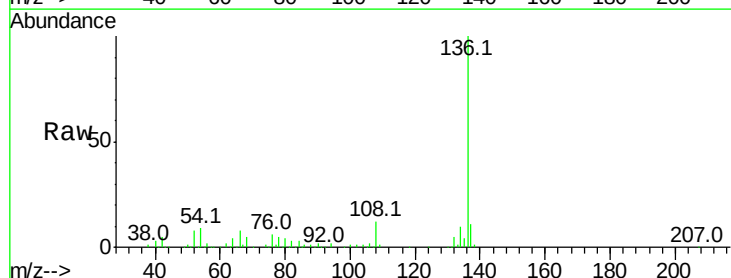
Ion Ratio Lower Upper

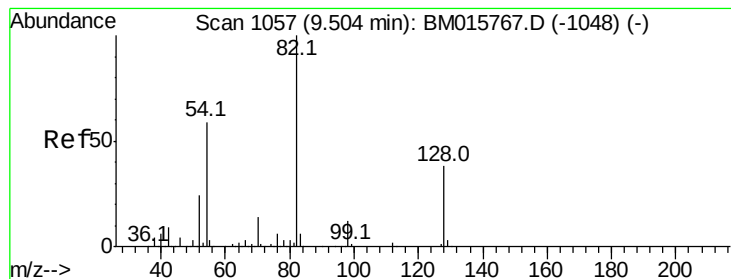
136 100

137 11.1 8.7 13.1

54 9.2 4.6 6.8#

68 4.7 3.7 5.5





#23

Nitrobenzene-d5

Concen: Below na

RT: 9.50 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BM015777.D

Acq: 05 Jul 2018 21:08

Instrument :

BNA_M

ClientSampleId :

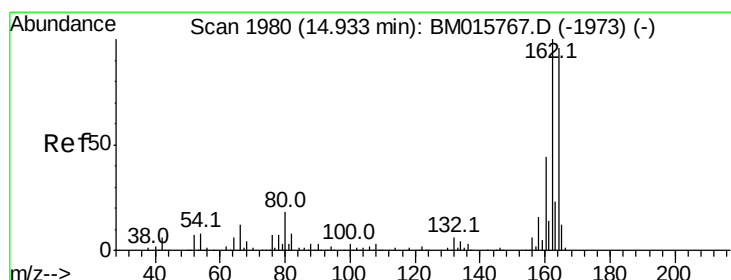
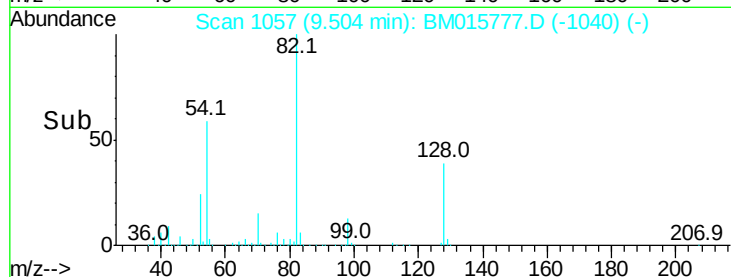
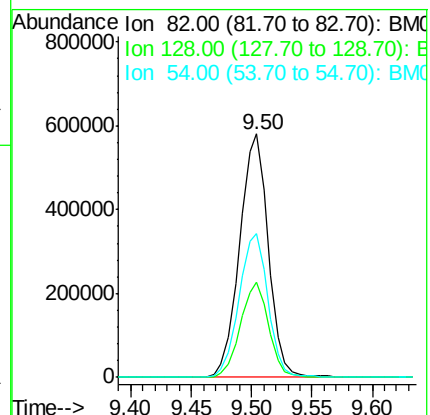
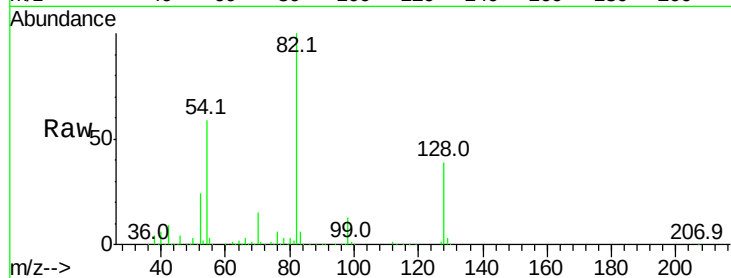
Tot Ion: 82 Resp: 961976

Ion Ratio Lower Upper

82 100

128 38.9 32.8 49.2

54 59.1 40.6 60.8



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.93 min Scan# 1980

Delta R.T. -0.00 min

Lab File: BM015777.D

Acq: 05 Jul 2018 21:08

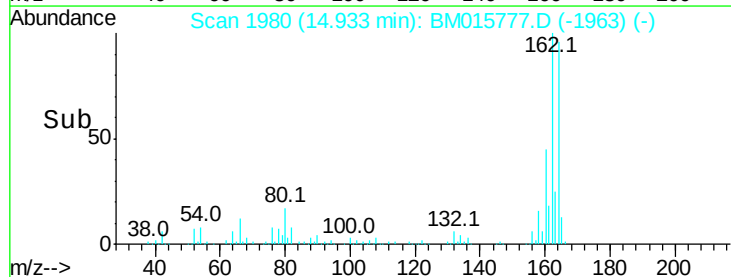
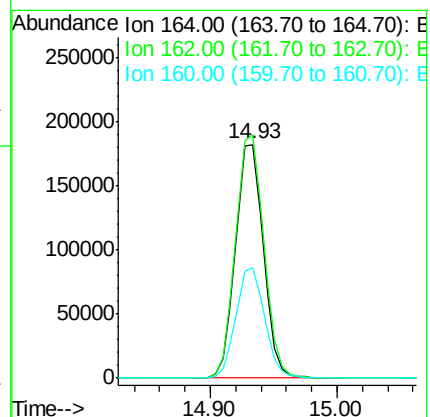
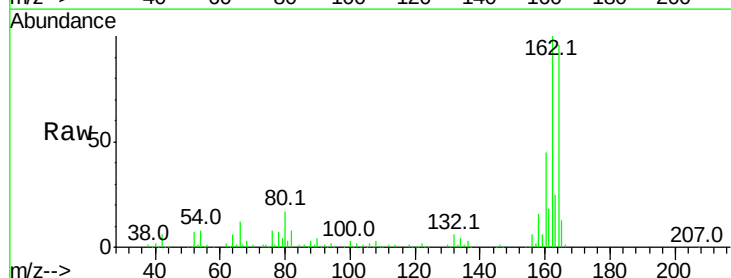
Tgt Ion:164 Resp: 276249

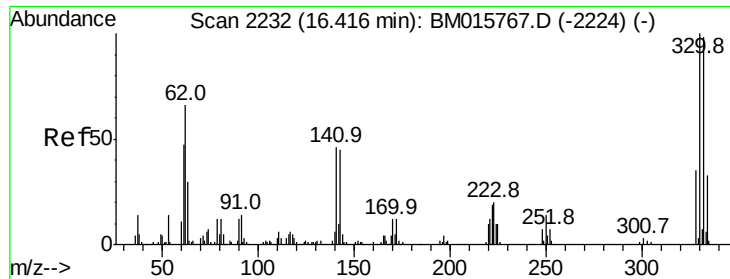
Ion Ratio Lower Upper

164 100

162 104.1 82.4 123.6

160 47.2 35.8 53.6

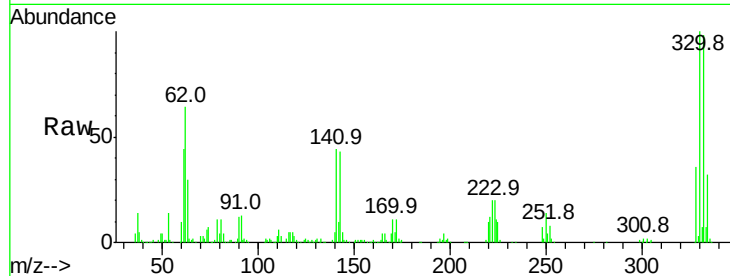




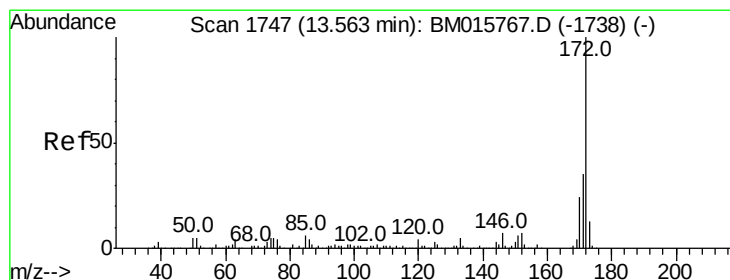
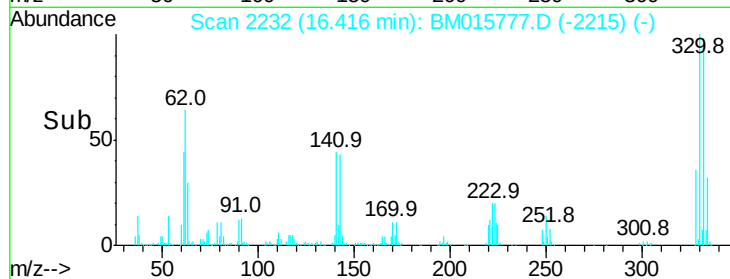
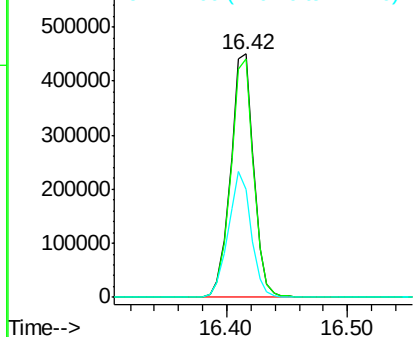
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.42 min Scan# 2232
 Delta R.T. -0.00 min
 Lab File: BM015777.D
 Acq: 05 Jul 2018 21:08

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 597960
 Ion Ratio Lower Upper
 330 100
 332 96.8 0.0 0.0#
 141 51.1 0.0 0.0#

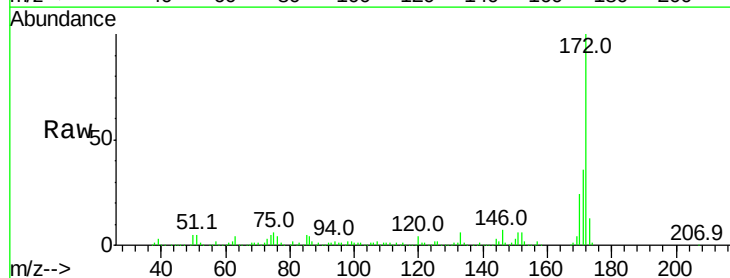


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

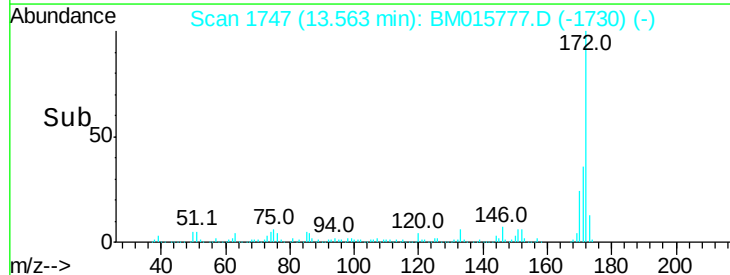
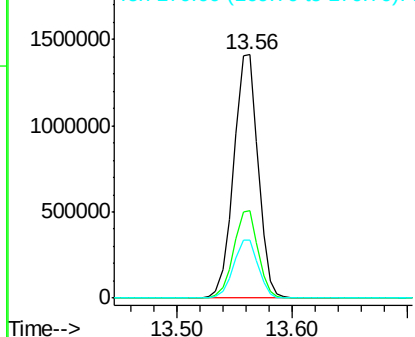


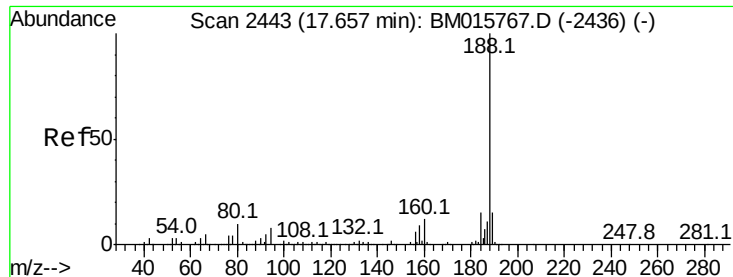
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.56 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: BM015777.D
 Acq: 05 Jul 2018 21:08

Tgt Ion:172 Resp: 2071398
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.5 42.7
 170 23.9 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

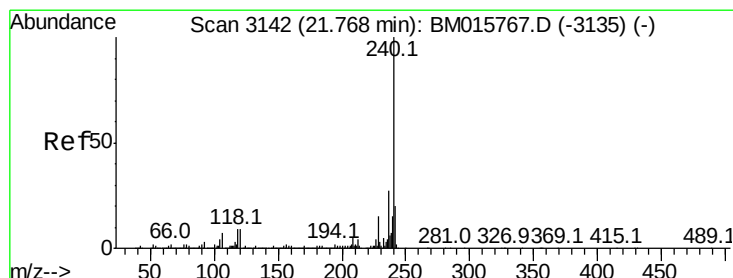
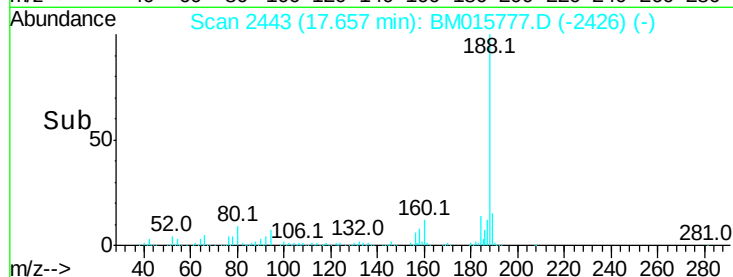
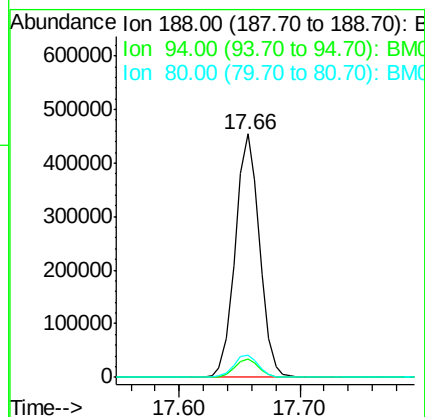
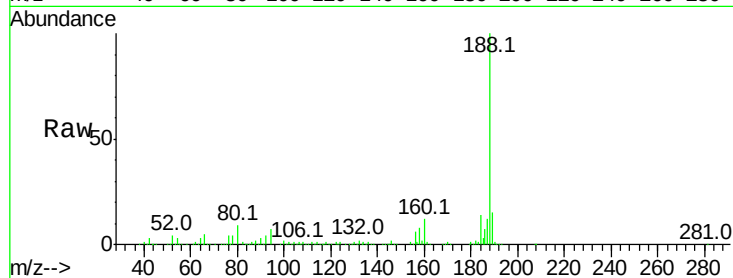




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.66 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BM015777.D
Acq: 05 Jul 2018 21:08

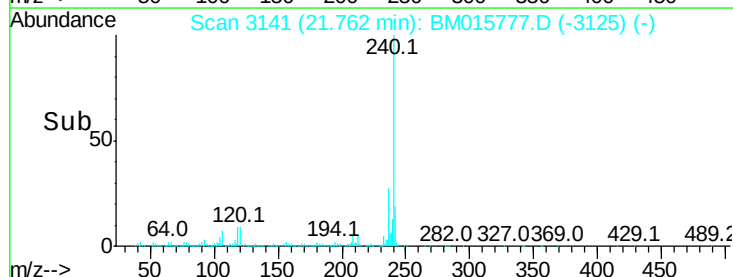
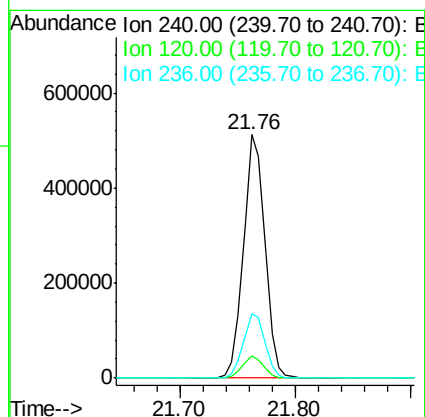
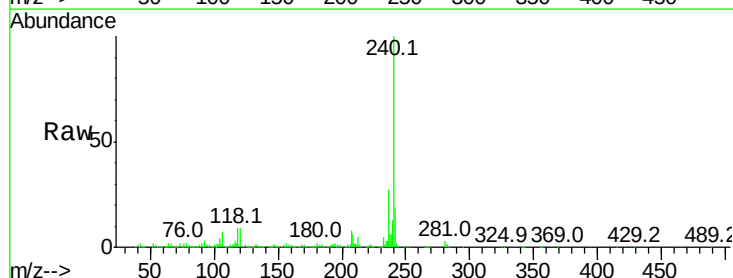
Instrument :
BNA_M
ClientSampleId :

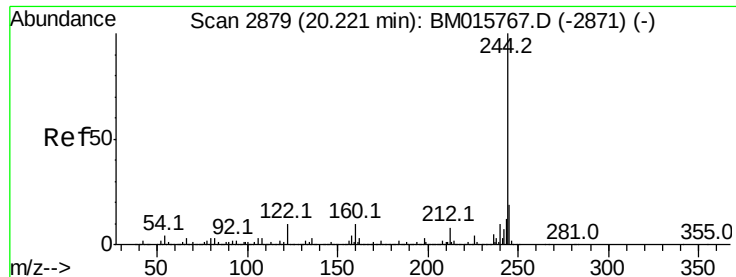
Tot Ion:188 Resp: 636844
Ion Ratio Lower Upper
188 100
94 7.5 8.7 13.1#
80 9.0 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BM015777.D
Acq: 05 Jul 2018 21:08

Tgt Ion:240 Resp: 660230
Ion Ratio Lower Upper
240 100
120 9.3 8.2 12.2
236 26.6 20.0 30.0





#78

Terphenyl-d14

Concen: Below na

RT: 20.22 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BM015777.D

Acq: 05 Jul 2018 21:08

Instrument :

BNA_M

ClientSampleId :

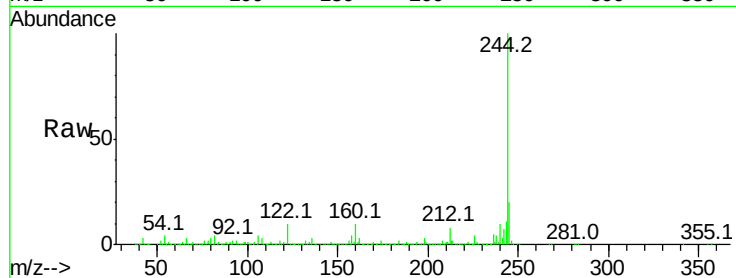
Tot Ion:244 Resp: 3992529

Ion Ratio Lower Upper

244 100

212 8.3 4.9 7.3#

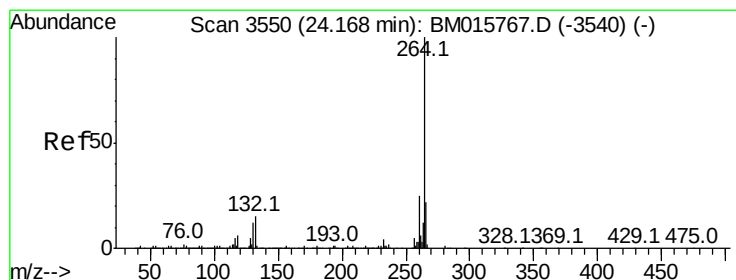
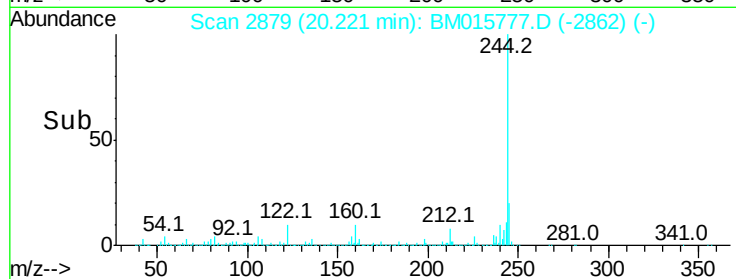
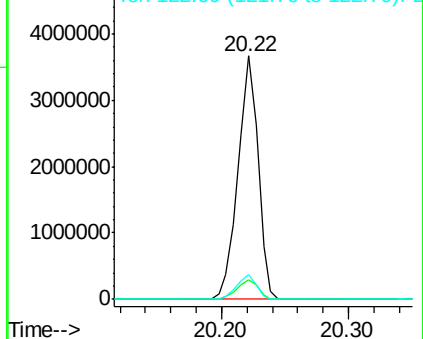
122 10.0 6.2 9.4#



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: BM015777.D

Acq: 05 Jul 2018 21:08

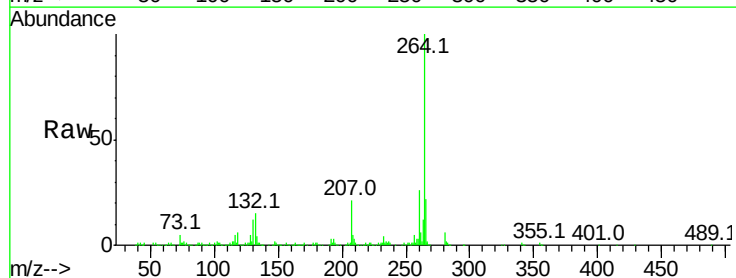
Tgt Ion:264 Resp: 589963

Ion Ratio Lower Upper

264 100

260 25.7 18.6 27.8

265 22.4 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

