

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070518\
 Data File : BM015781.D
 Acq On : 05 Jul 2018 23:37
 Operator : SJ/JU
 Sample : J3818-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 5002

Quant Time: Jul 06 06:50:33 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	102033	20.00	ng	0.00
21) Naphthalene-d8	11.14	136	406917	20.00	ng	0.00
38) Acenaphthene-d10	14.93	164	234692	20.00	ng	0.00
63) Phenanthrene-d10	17.66	188	549882	20.00	ng	0.00
75) Chrysene-d12	21.76	240	580106	20.00	ng	0.00
86) Perylene-d12	24.17	264	521766	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.82	112	832807	139.98	ng	0.00
7) Phenol-d6	7.46	99	962085	118.12	ng	0.00
23) Nitrobenzene-d5	9.50	82	831977	99.76	ng	0.00
41) 2,4,6-Tribromophenol	16.41	330	515041	167.95	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	1779453	94.13	ng	0.00
78) Terphenyl-d14	20.22	244	3558617	113.79	ng	0.00

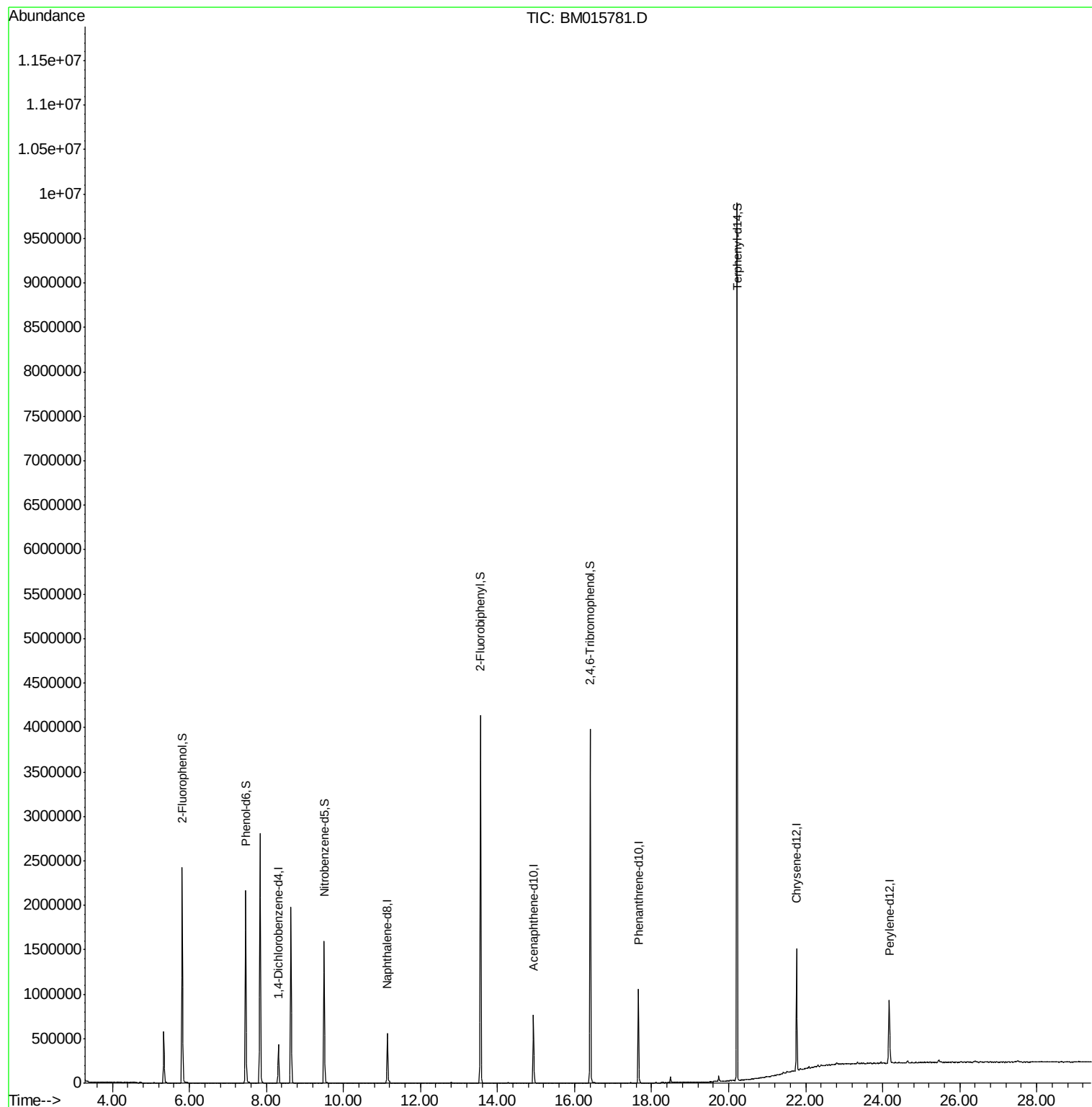
Target Compounds Qvalue

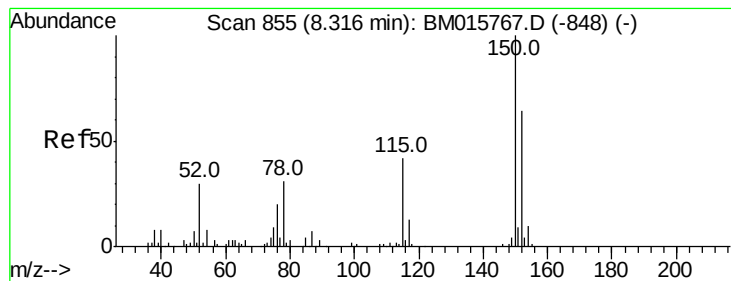
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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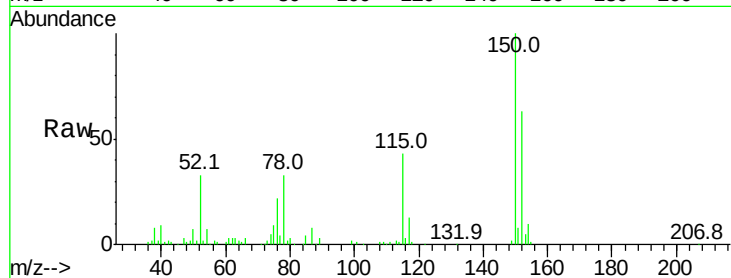


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.31 min Scan# 854
Delta R.T. -0.01 min
Lab File: BM015781.D
Acq: 05 Jul 2018 23:37

Instrument :
BNA_M
ClientSampleId :
5002

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	119.5	179.3
115	68.4	43.0	64.4

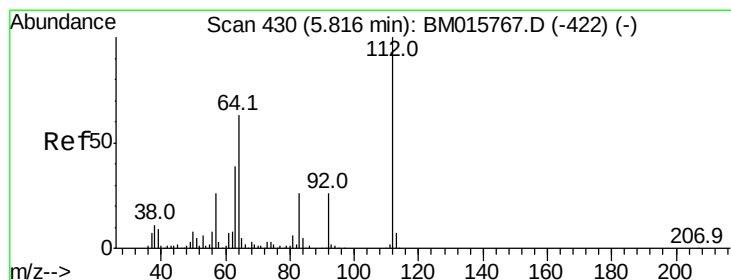
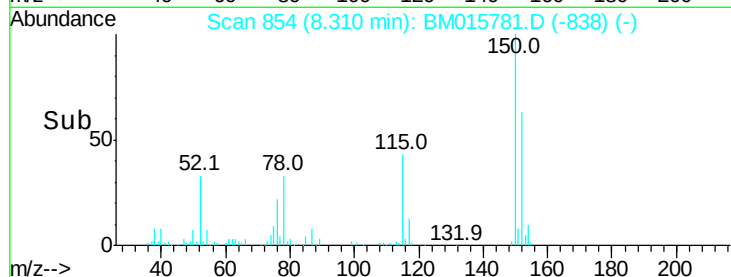
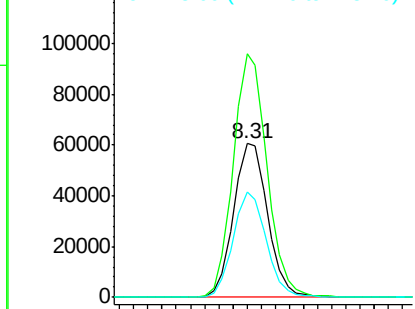


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

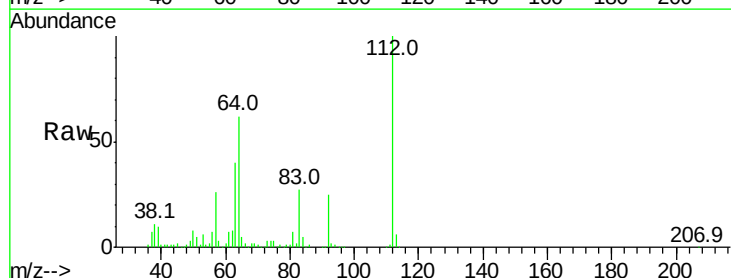
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: Below ng
RT: 5.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BM015781.D
Acq: 05 Jul 2018 23:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.1	38.6	57.8
63	39.6	19.3	28.9

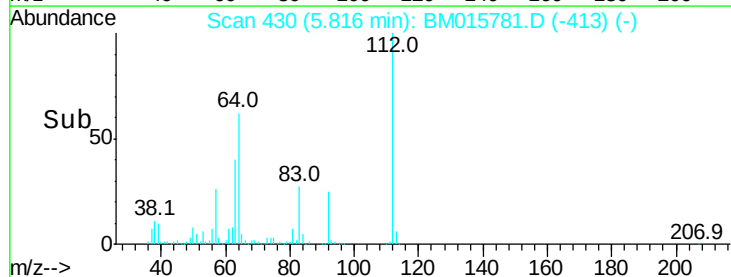
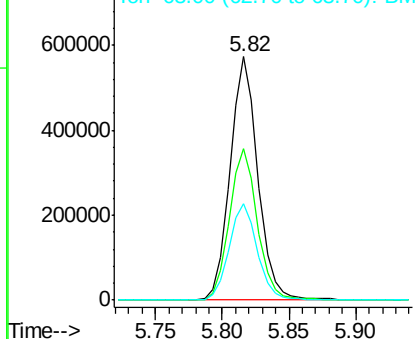


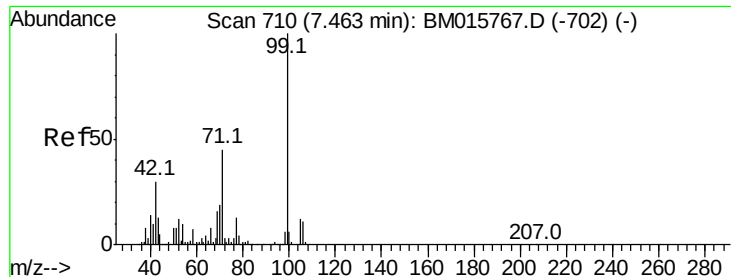
Abundance

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: 7.46 min Scan# 710

Delta R.T. -0.00 min

Lab File: BM015781.D

Acq: 05 Jul 2018 23:37

Instrument :

BNA_M

ClientSampleId :

5002

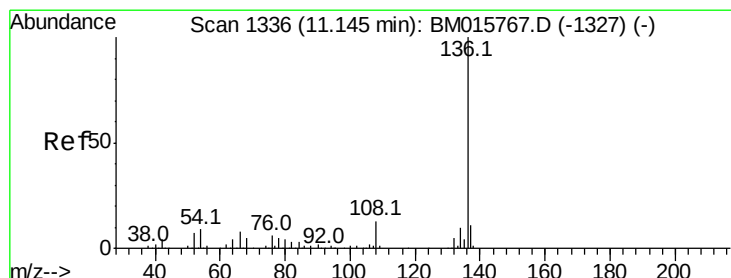
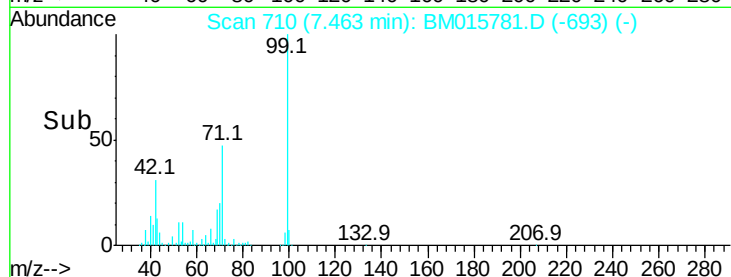
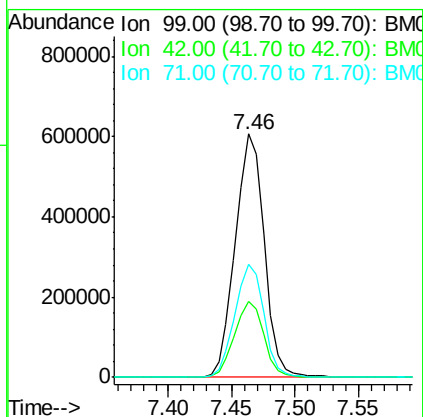
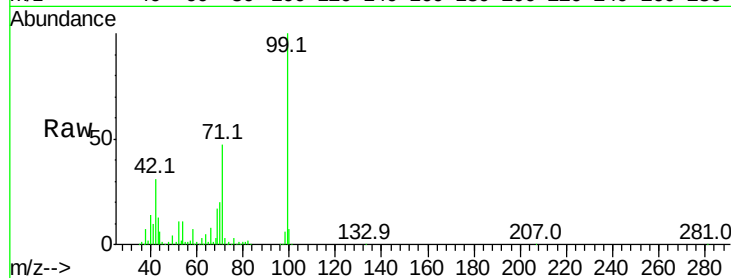
Tot Ion: 99 Resp: 962085

Ion Ratio Lower Upper

99 100

42 31.3 11.0 16.4#

71 46.6 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: BM015781.D

Acq: 05 Jul 2018 23:37

Tgt Ion: 136 Resp: 406917

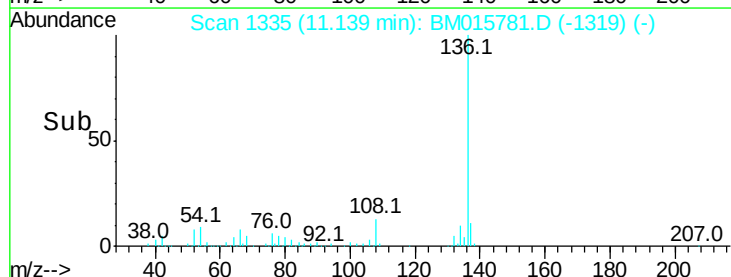
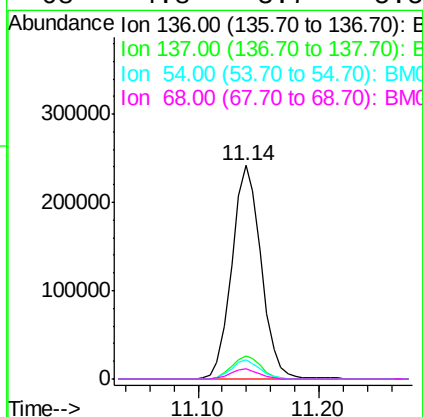
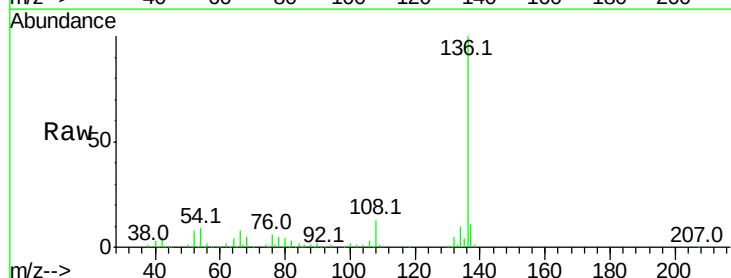
Ion Ratio Lower Upper

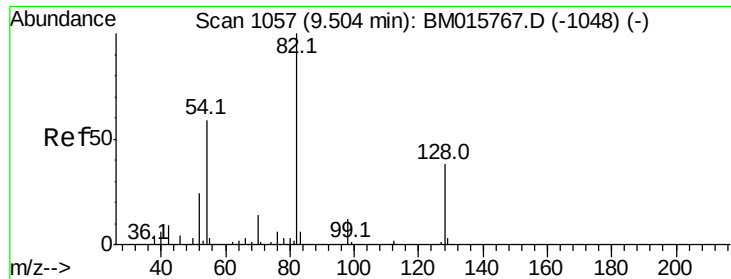
136 100

137 10.8 8.7 13.1

54 8.9 4.6 6.8#

68 4.8 3.7 5.5

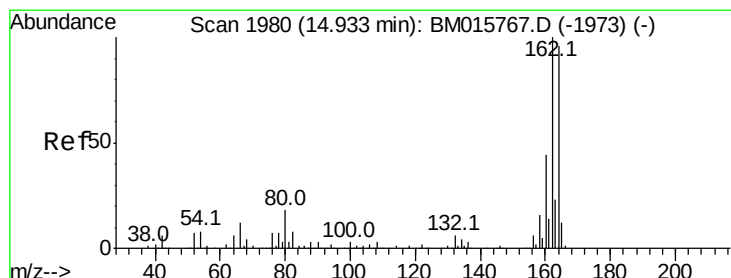
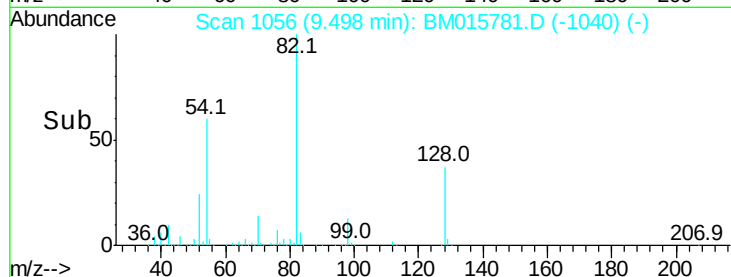
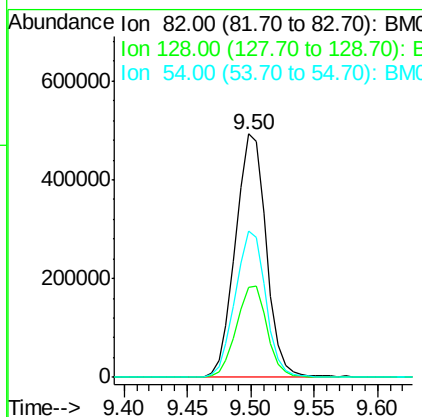
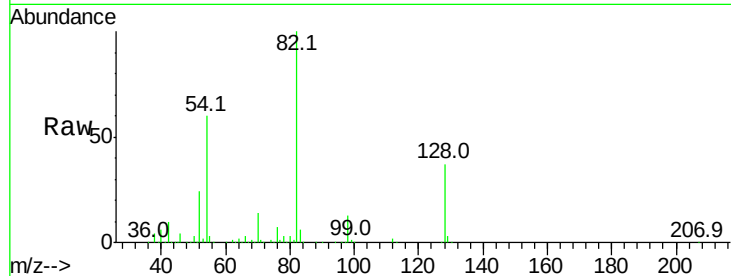




#23
 Nitrobenzene-d5
 Concen: Below na
 RT: 9.50 min Scan# 1056
 Delta R.T. -0.01 min
 Lab File: BM015781.D
 Acq: 05 Jul 2018 23:37

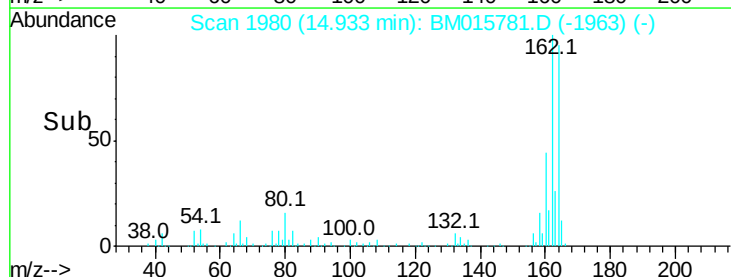
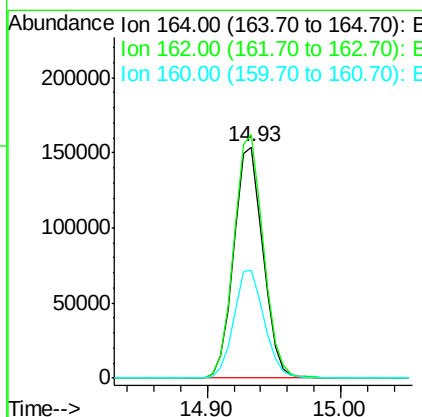
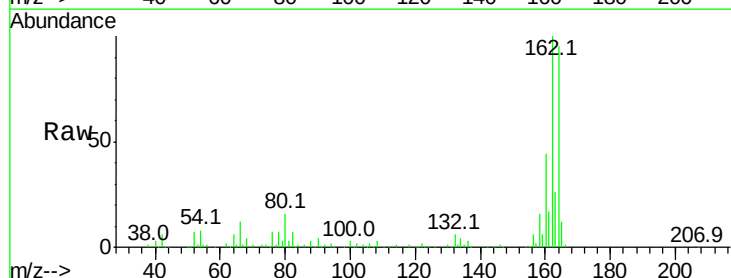
Instrument :
 BNA_M
 ClientSampleId :
 5002

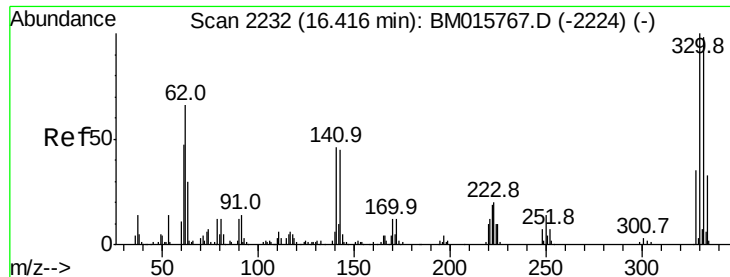
Tot Ion	82	Resp	831977
Ion Ratio	Lower	Upper	
82	100		
128	37.0	32.8	49.2
54	59.9	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.93 min Scan# 1980
 Delta R.T. -0.00 min
 Lab File: BM015781.D
 Acq: 05 Jul 2018 23:37

Tgt Ion	164	Resp	234692
Ion Ratio	Lower	Upper	
164	100		
162	105.2	82.4	123.6
160	46.5	35.8	53.6

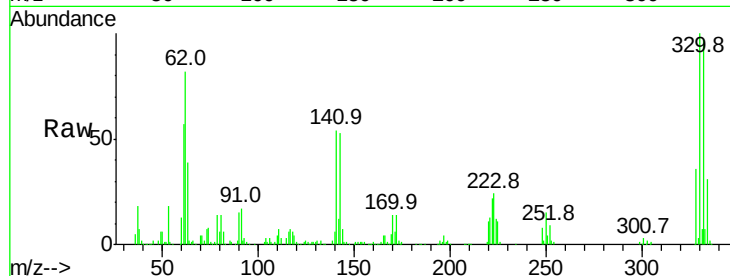




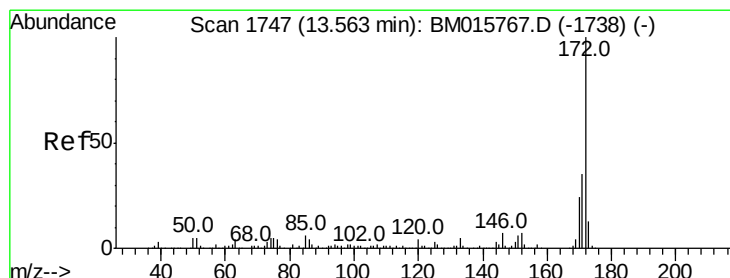
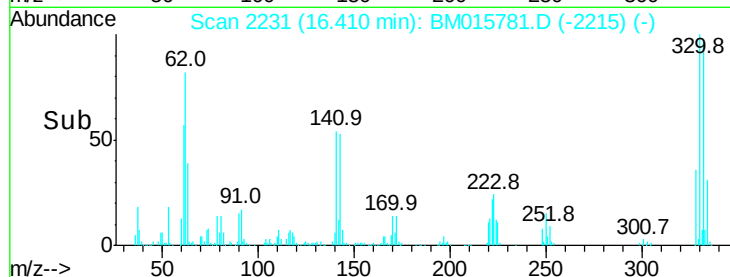
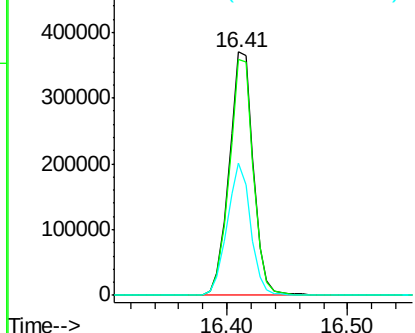
#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.41 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BM015781.D
Acq: 05 Jul 2018 23:37

Instrument :
BNA_M
ClientSampled :
5002

Tot Ion:330 Resp: 515041
Ion Ratio Lower Upper
330 100
332 96.5 0.0 0.0#
141 52.9 0.0 0.0#

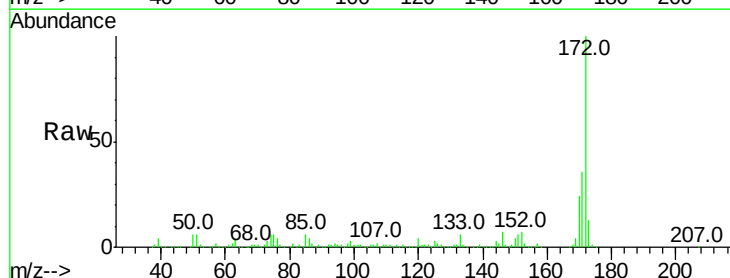


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

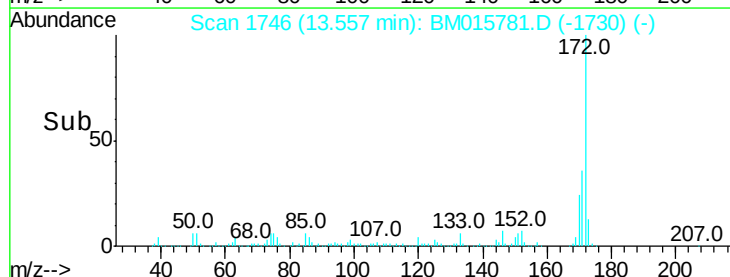
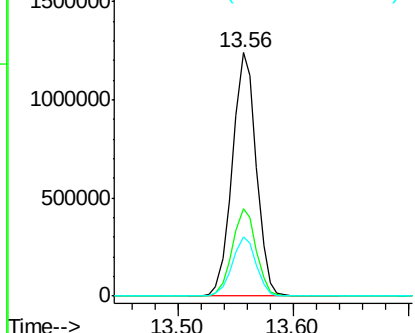


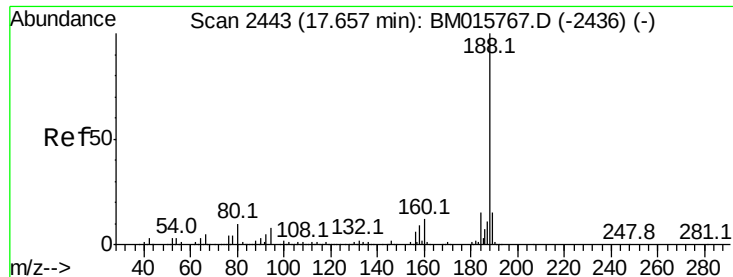
#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.56 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BM015781.D
Acq: 05 Jul 2018 23:37

Tgt Ion:172 Resp: 1779453
Ion Ratio Lower Upper
172 100
171 36.1 28.5 42.7
170 24.1 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: BM015781.D

Acq: 05 Jul 2018 23:37

Instrument :

BNA_M

ClientSampled :

5002

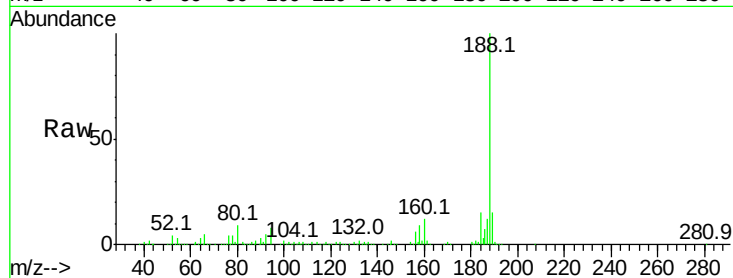
Tot Ion:188 Resp: 549882

Ion Ratio Lower Upper

188 100

94 7.7 8.7 13.1#

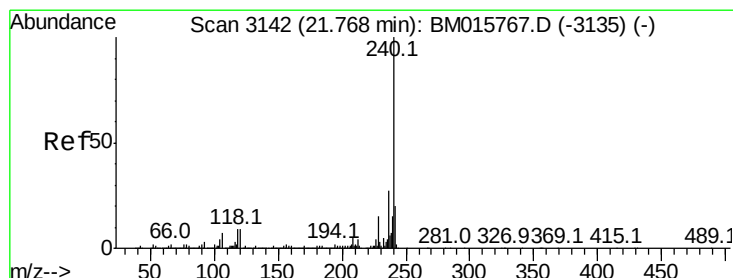
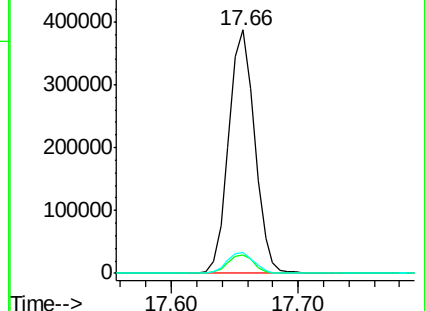
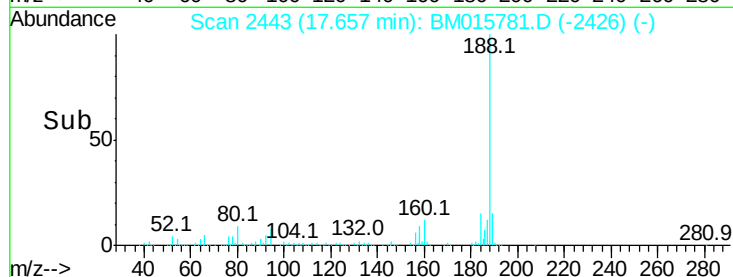
80 8.8 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BM015781.D

Acq: 05 Jul 2018 23:37

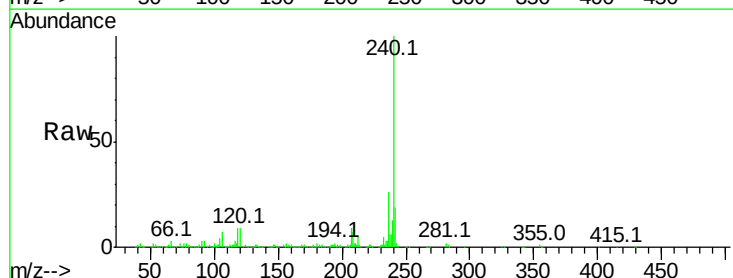
Tgt Ion:240 Resp: 580106

Ion Ratio Lower Upper

240 100

120 9.0 8.2 12.2

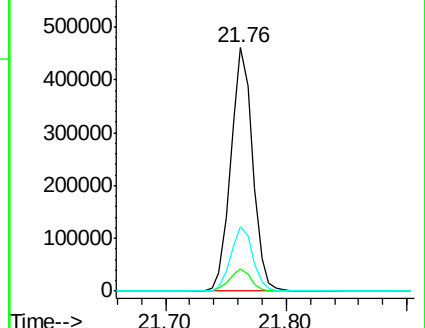
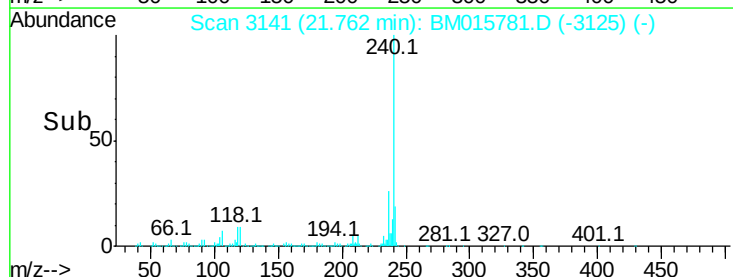
236 26.3 20.0 30.0

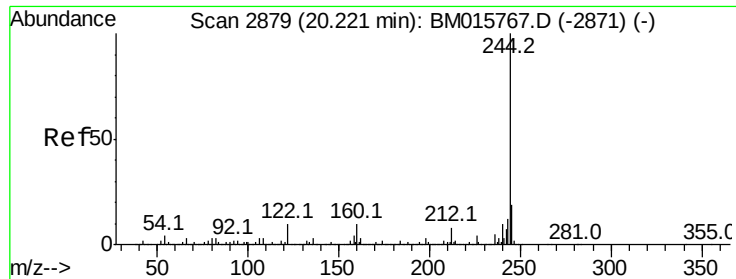


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: Below na

RT: 20.22 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BM015781.D

Acq: 05 Jul 2018 23:37

Instrument :

BNA_M

ClientSampleId :

5002

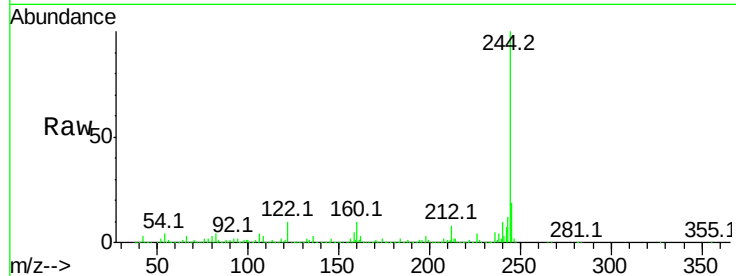
Tot Ion:244 Resp: 3558617

Ion Ratio Lower Upper

244 100

212 8.3 4.9 7.3#

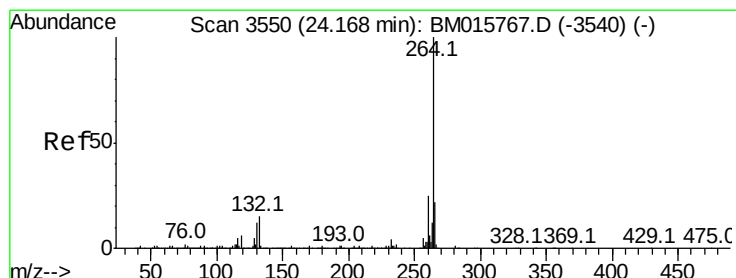
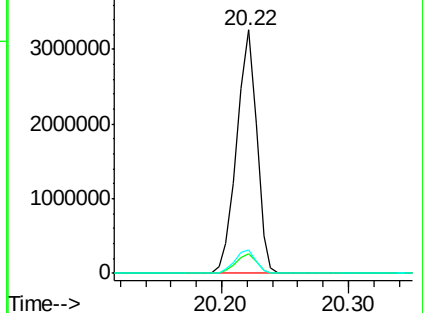
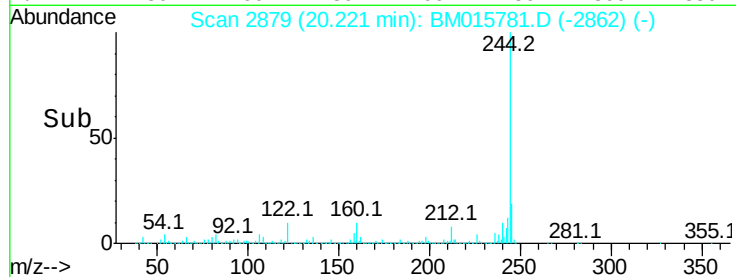
122 9.8 6.2 9.4#



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: 24.17 min Scan# 3550

Delta R.T. -0.00 min

Lab File: BM015781.D

Acq: 05 Jul 2018 23:37

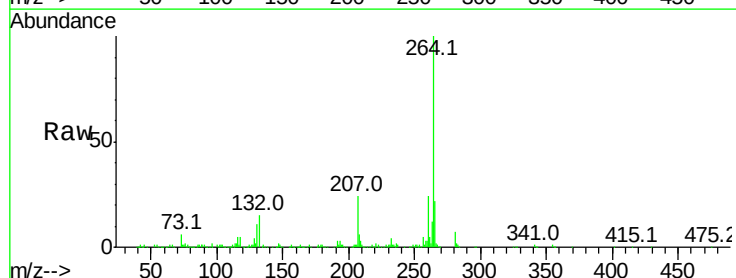
Tgt Ion:264 Resp: 521766

Ion Ratio Lower Upper

264 100

260 24.4 18.6 27.8

265 21.8 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

