

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071018\
 Data File : BM015882.D
 Acq On : 10 Jul 2018 23:53
 Operator : SJ/JU
 Sample : PB110959BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB110959BL

Quant Time: Jul 11 03:48:25 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	68195	20.00	ng	-0.02
21) Naphthalene-d8	11.13	136	279381	20.00	ng	-0.02
38) Acenaphthene-d10	14.92	164	175315	20.00	ng	-0.02
63) Phenanthrene-d10	17.64	188	414841	20.00	ng	-0.01
75) Chrysene-d12	21.75	240	405574	20.00	ng	-0.02
86) Perylene-d12	24.15	264	372028	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	707538	177.93	ng	-0.02
7) Phenol-d6	7.45	99	962469	176.80	ng	-0.01
23) Nitrobenzene-d5	9.49	82	613296	107.11	ng	-0.02
41) 2,4,6-Tribromophenol	16.40	330	414389	180.90	ng	-0.02
44) 2-Fluorobiphenyl	13.54	172	1454224	102.98	ng	-0.02
78) Terphenyl-d14	20.21	244	2795322	127.84	ng	-0.01

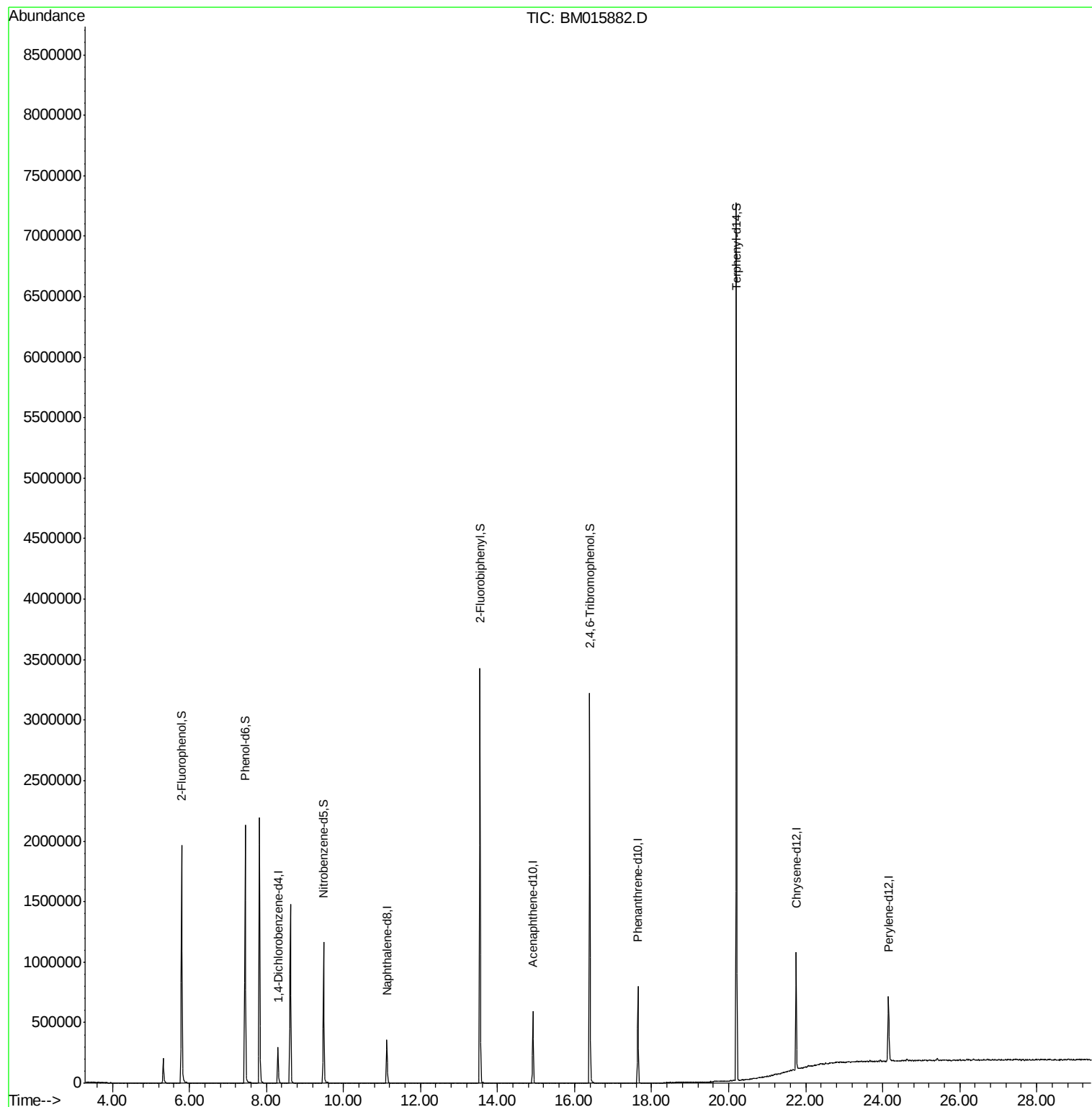
Target Compounds Qvalue

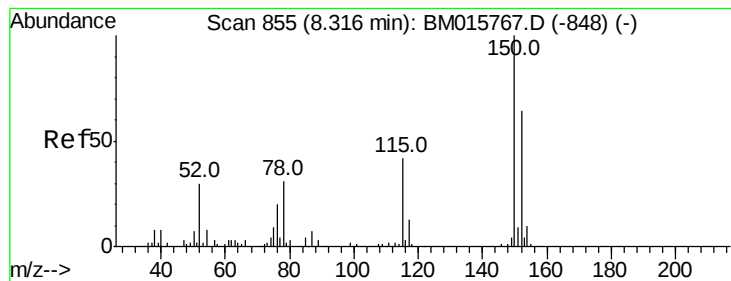
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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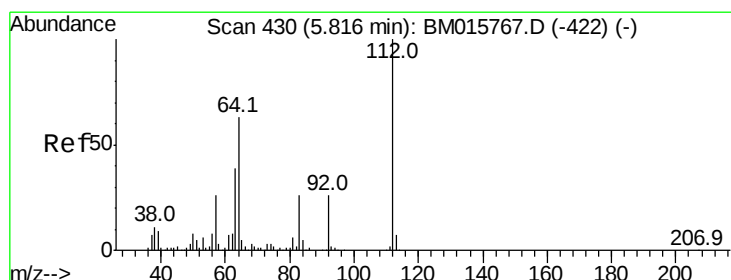
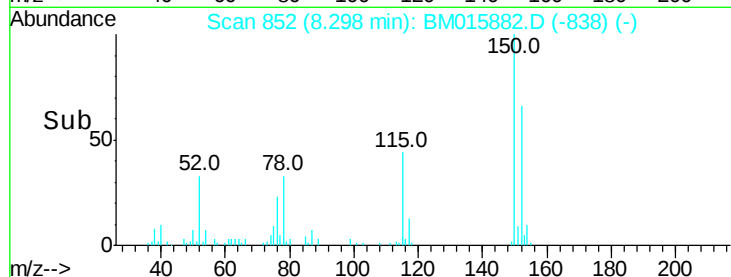
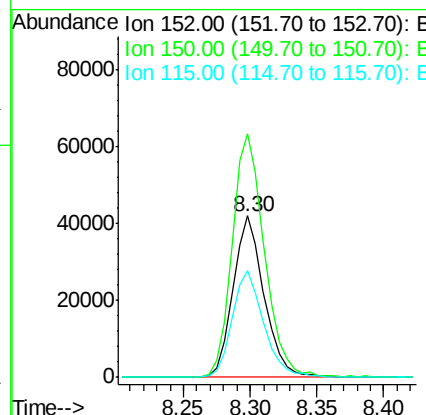
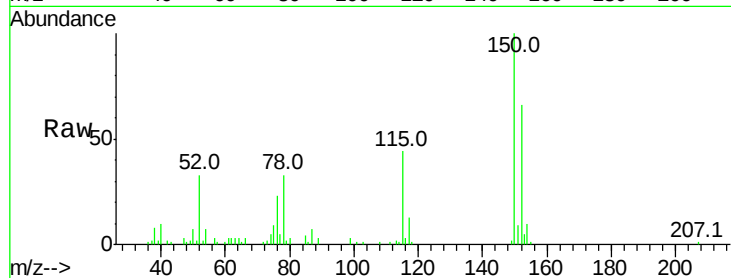


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.30 min Scan# 852
Delta R.T. -0.02 min
Lab File: BM015882.D
Acq: 10 Jul 2018 23:53

Instrument :
BNA_M
ClientSampleId :
PB110959BL

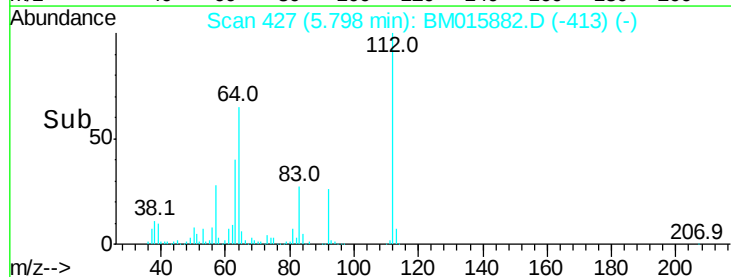
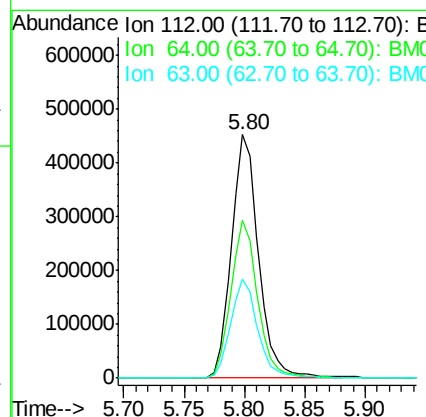
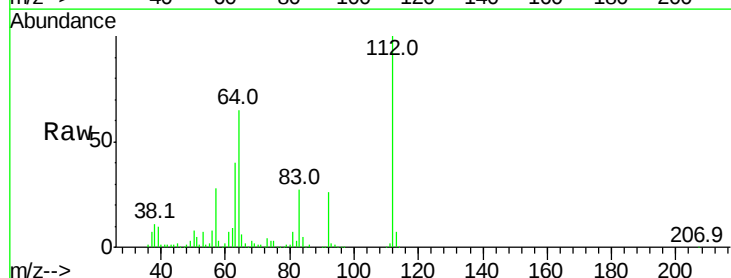
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.0	119.5	179.3
115	65.8	43.0	64.4#



#5

2-Fluorophenol
Concen: N.D. ng
RT: 5.80 min Scan# 427
Delta R.T. -0.02 min
Lab File: BM015882.D
Acq: 10 Jul 2018 23:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.7	38.6	57.8#
63	40.4	19.3	28.9#





#7

Phenol-d6

Concen: N.D. ng

RT: 7.45 min Scan# 708

Delta R.T. -0.01 min

Lab File: BM015882.D

Acq: 10 Jul 2018 23:53

Instrument :

BNA_M

ClientSampleId :

PB110959BL

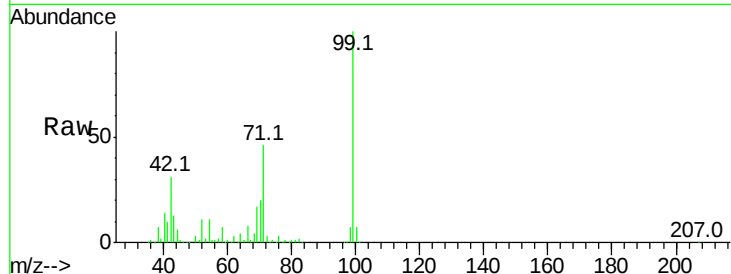
Tot Ion: 99 Resp: 962469

Ion Ratio Lower Upper

99 100

42 31.0 11.0 16.4#

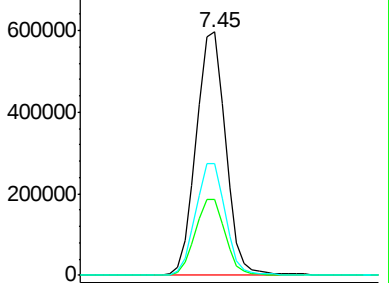
71 45.8 23.4 35.2#



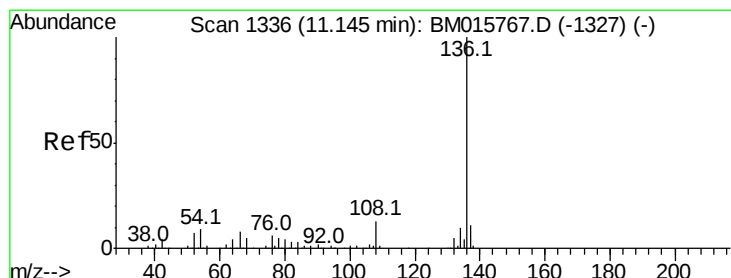
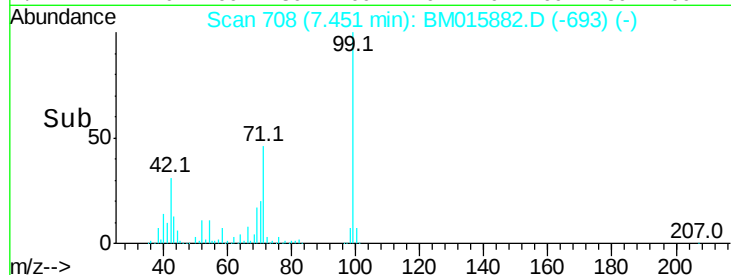
Abundance Ion 99.00 (98.70 to 99.70): BM015767.D (-702) (-)

Ion 42.00 (41.70 to 42.70): BM015767.D (-702) (-)

Ion 71.00 (70.70 to 71.70): BM015767.D (-702) (-)



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.13 min Scan# 1333

Delta R.T. -0.02 min

Lab File: BM015882.D

Acq: 10 Jul 2018 23:53

Tgt Ion: 136 Resp: 279381

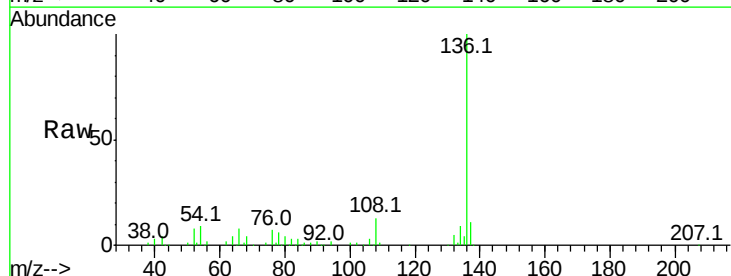
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 9.0 4.6 6.8#

68 4.2 3.7 5.5

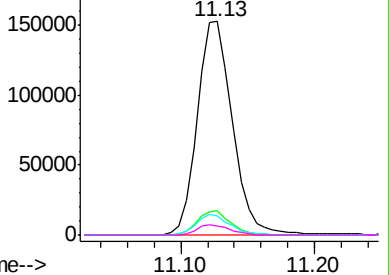


Abundance Ion 136.00 (135.70 to 136.70): BM015767.D (-1327) (-)

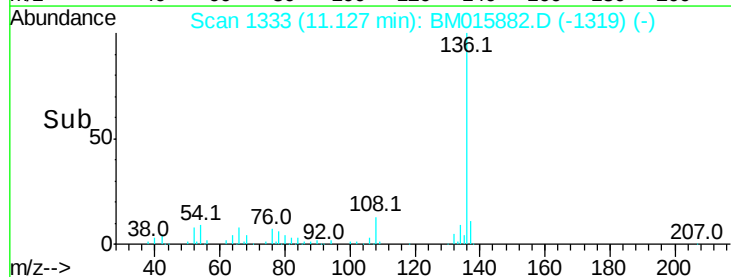
Ion 137.00 (136.70 to 137.70): BM015767.D (-1327) (-)

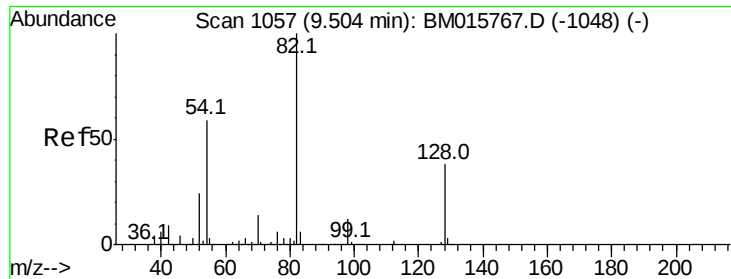
Ion 54.00 (53.70 to 54.70): BM015767.D (-1327) (-)

Ion 68.00 (67.70 to 68.70): BM015767.D (-1327) (-)



Time-->

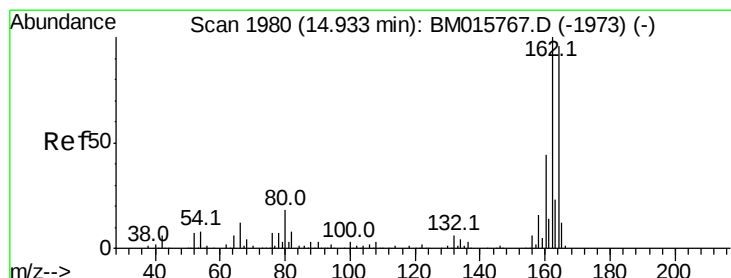
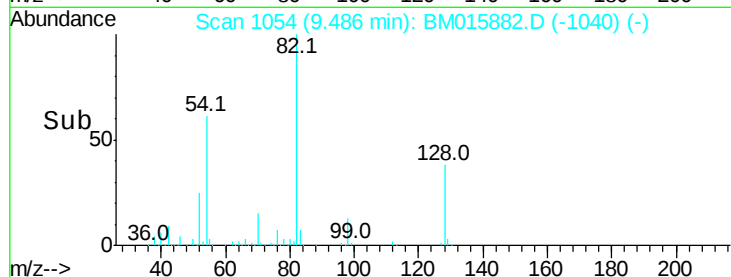
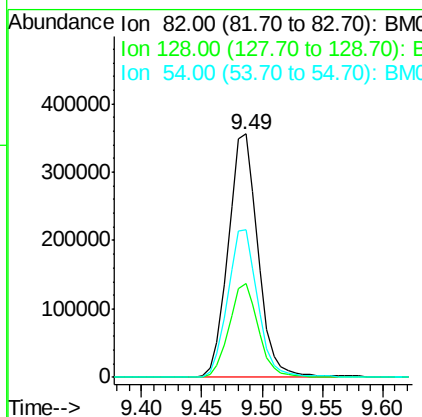
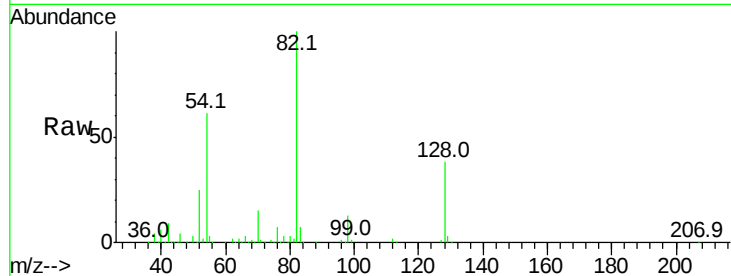




#23
 Nitrobenzene-d5
 Concen: N.D. ng
 RT: 9.49 min Scan# 1054
 Delta R.T. -0.02 min
 Lab File: BM015882.D
 Acq: 10 Jul 2018 23:53

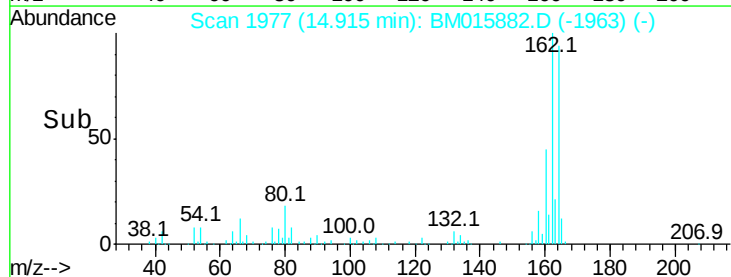
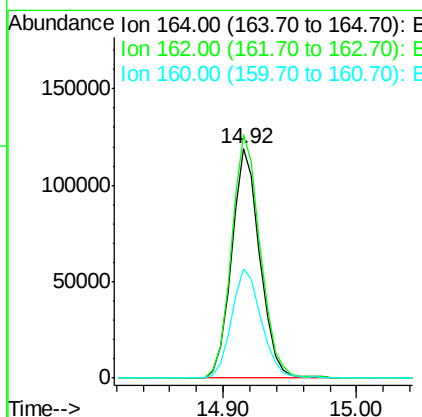
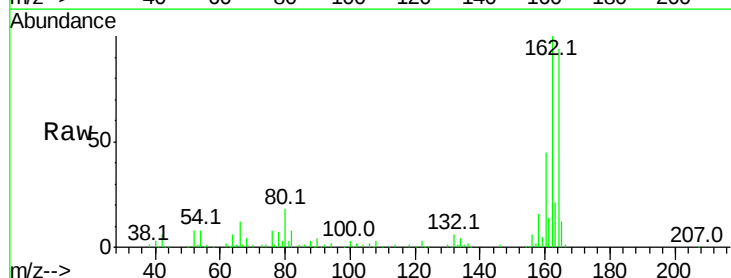
Instrument :
 BNA_M
 ClientSampleId :
 PB110959BL

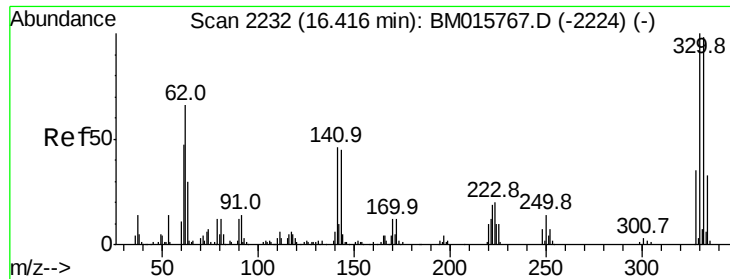
Tot Ion: 82 Resp: 613296
 Ion Ratio Lower Upper
 82 100
 128 38.3 32.8 49.2
 54 60.8 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.92 min Scan# 1977
 Delta R.T. -0.02 min
 Lab File: BM015882.D
 Acq: 10 Jul 2018 23:53

Tgt Ion:164 Resp: 175315
 Ion Ratio Lower Upper
 164 100
 162 106.1 82.4 123.6
 160 47.9 35.8 53.6

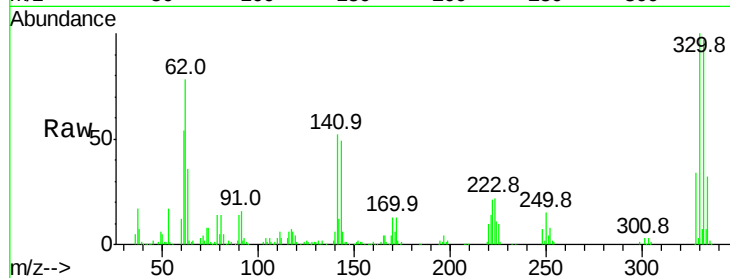




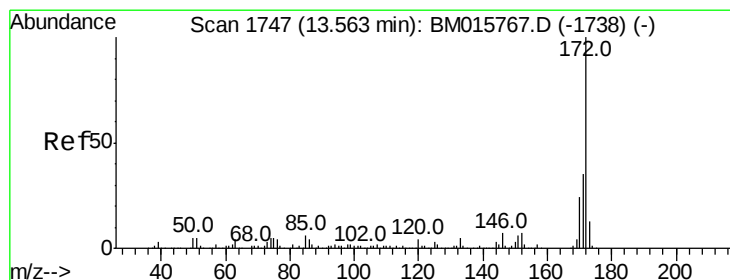
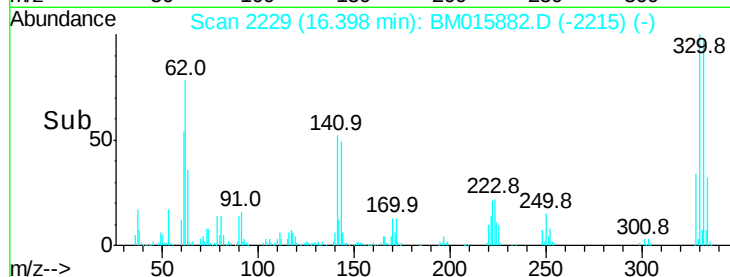
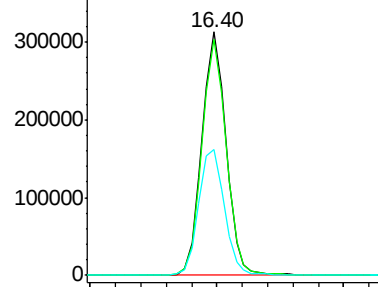
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.40 min Scan# 2229
 Delta R.T. -0.02 min
 Lab File: BM015882.D
 Acq: 10 Jul 2018 23:53

Instrument :
 BNA_M
 ClientSampleId :
 PB110959BL

Tot Ion:330 Resp: 414389
 Ion Ratio Lower Upper
 330 100
 332 96.8 0.0 0.0#
 141 55.1 0.0 0.0#

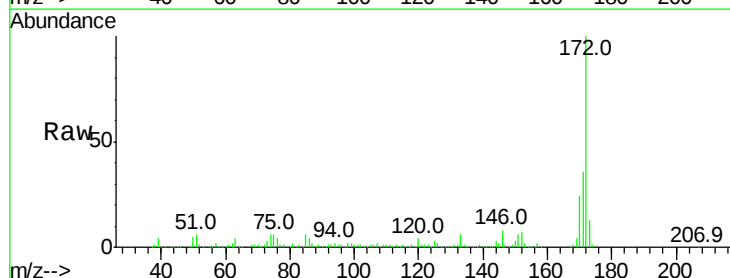


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

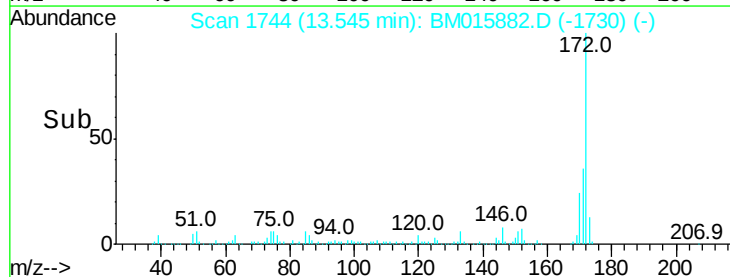
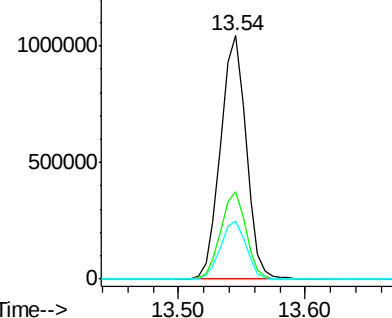


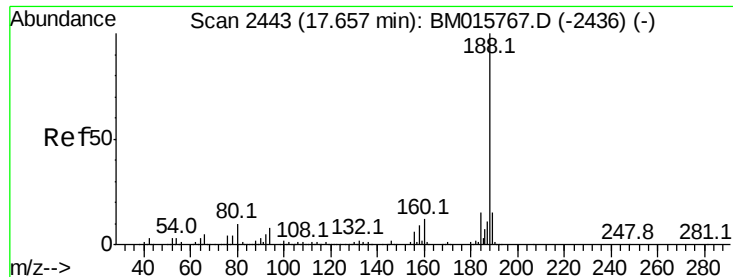
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.54 min Scan# 1744
 Delta R.T. -0.02 min
 Lab File: BM015882.D
 Acq: 10 Jul 2018 23:53

Tgt Ion:172 Resp: 1454224
 Ion Ratio Lower Upper
 172 100
 171 35.7 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

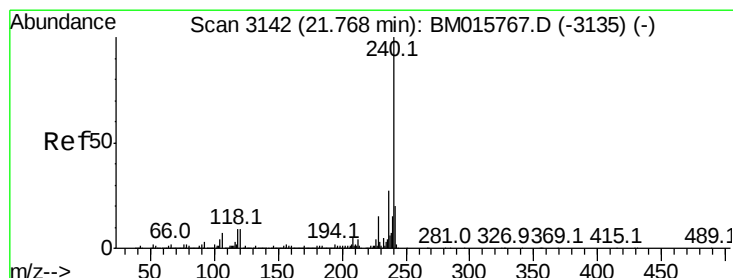
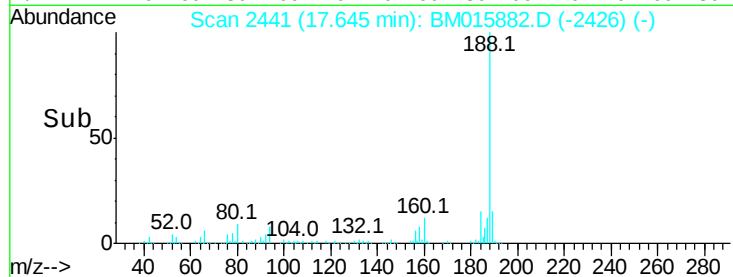
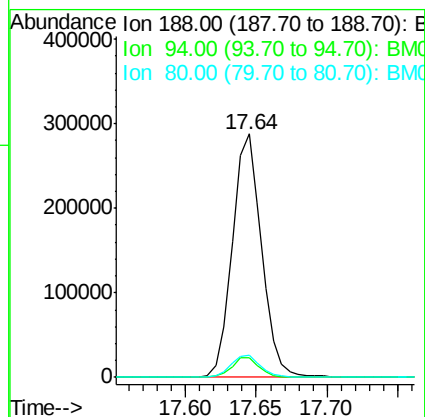
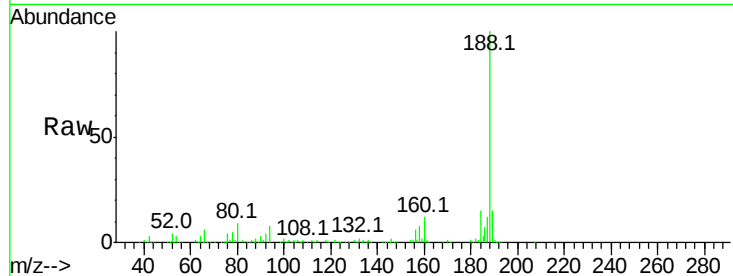




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.64 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BM015882.D
Acq: 10 Jul 2018 23:53

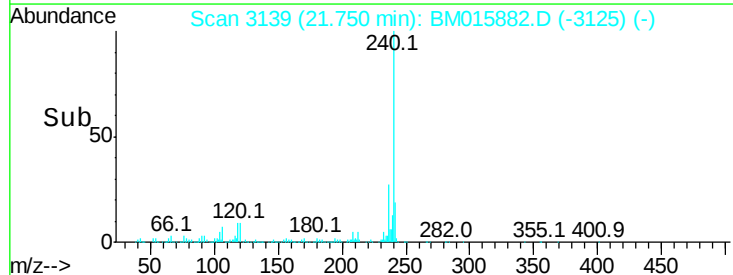
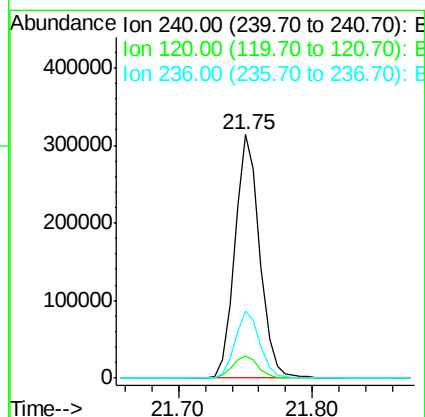
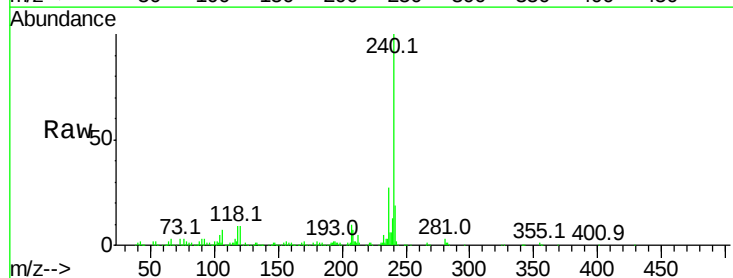
Instrument :
BNA_M
ClientSampleId :
PB110959BL

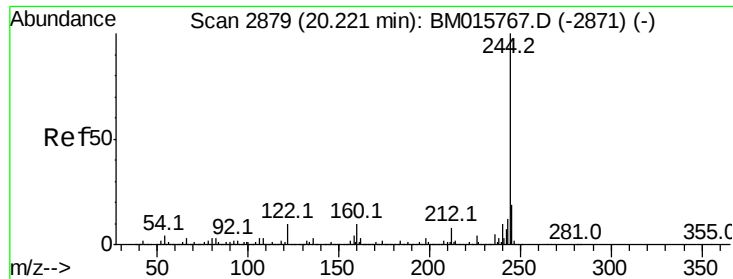
Tot Ion:188 Resp: 414841
Ion Ratio Lower Upper
188 100
94 7.8 8.7 13.1#
80 9.2 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3139
Delta R.T. -0.02 min
Lab File: BM015882.D
Acq: 10 Jul 2018 23:53

Tgt Ion:240 Resp: 405574
Ion Ratio Lower Upper
240 100
120 9.3 8.2 12.2
236 27.4 20.0 30.0





#78

Terphenyl-d14

Concen: N.D. ng

RT: 20.21 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BM015882.D

Acq: 10 Jul 2018 23:53

Instrument :

BNA_M

ClientSampleId :

PB110959BL

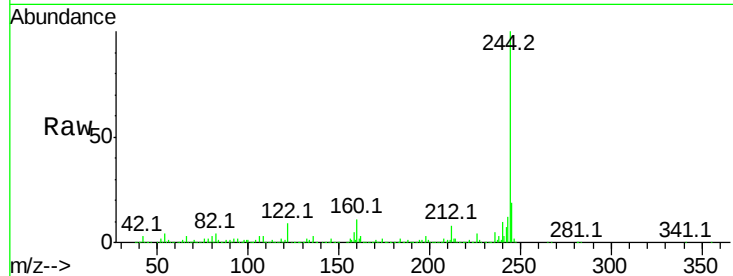
Tot Ion:244 Resp: 2795322

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

244 100

212 8.4 4.9 7.3#

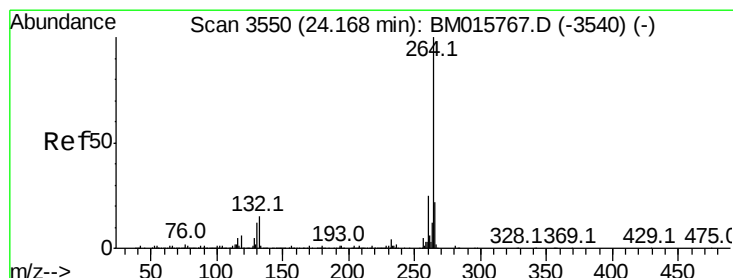
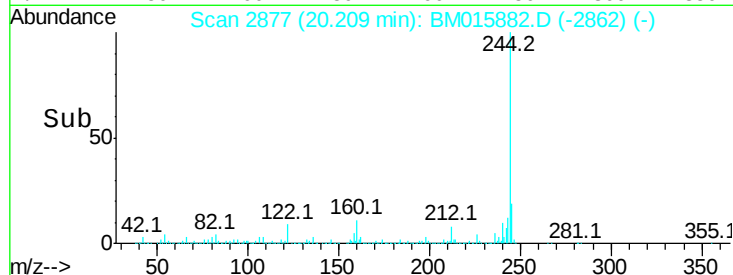
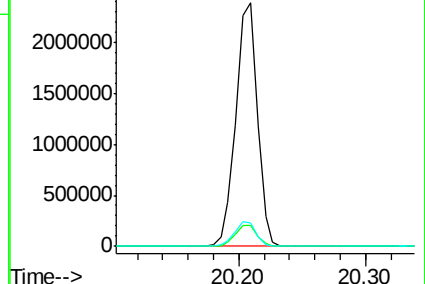
122 9.4 6.2 9.4#



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: BM015882.D

Acq: 10 Jul 2018 23:53

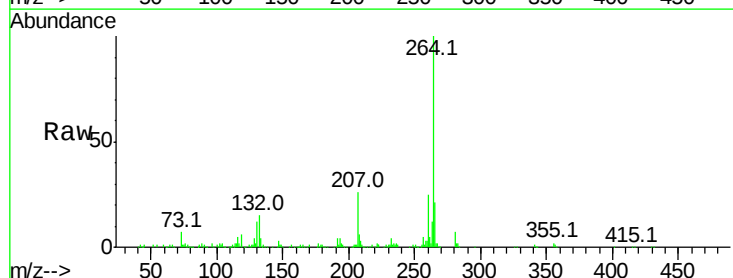
Tgt Ion:264 Resp: 372028

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.6	27.8
265	21.0	17.3	25.9

264 100

260 24.7 18.6 27.8

265 21.0 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

