

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070618\
 Data File : BM015809.D
 Acq On : 06 Jul 2018 19:30
 Operator : SJ/JU
 Sample : PB110833BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB110833BL

Quant Time: Jul 07 01:31:28 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	120492	20.00	ng	-0.01
21) Naphthalene-d8	11.13	136	466970	20.00	ng	-0.01
38) Acenaphthene-d10	14.93	164	249819	20.00	ng	0.00
63) Phenanthrene-d10	17.65	188	493273	20.00	ng	0.00
75) Chrysene-d12	21.76	240	343666	20.00	ng	0.00
86) Perylene-d12	24.16	264	313848	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.81	112	797728	113.54	ng	0.00
7) Phenol-d6	7.46	99	1008795	104.88	ng	0.00
23) Nitrobenzene-d5	9.49	82	675265	70.55	ng	-0.01
41) 2,4,6-Tribromophenol	16.40	330	316118	96.84	ng	-0.01
44) 2-Fluorobiphenyl	13.55	172	1403142	69.73	ng	-0.01
78) Terphenyl-d14	20.22	244	1558581	84.12	ng	0.00

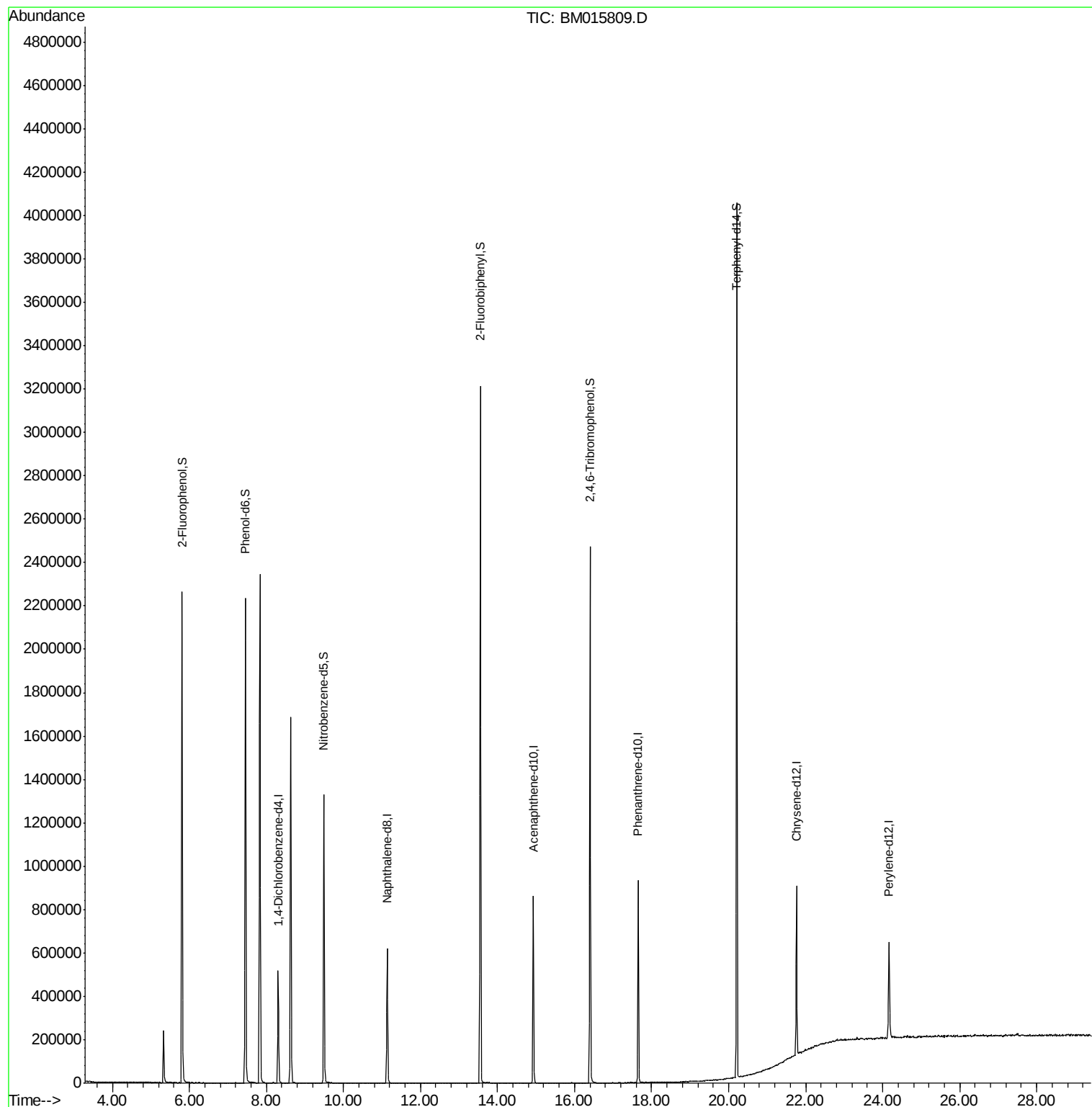
Target Compounds Qvalue

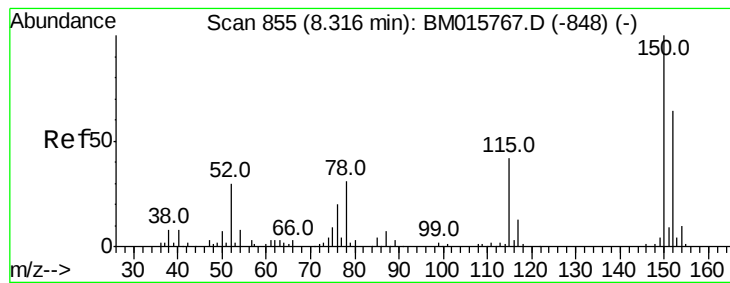
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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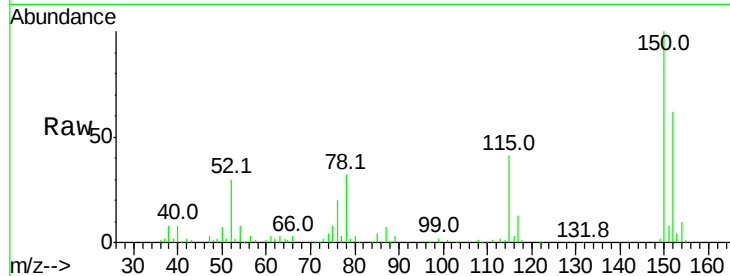


#1

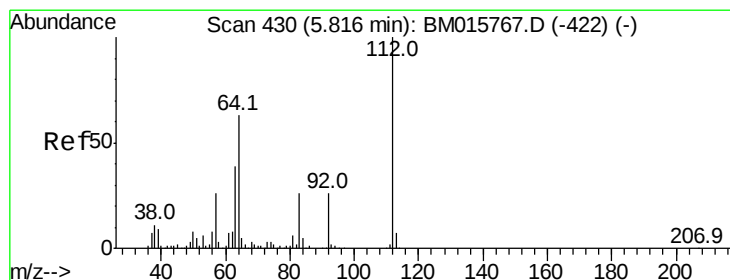
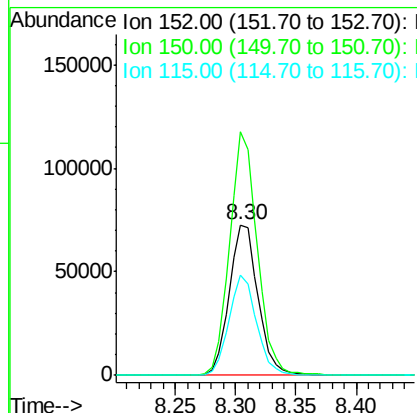
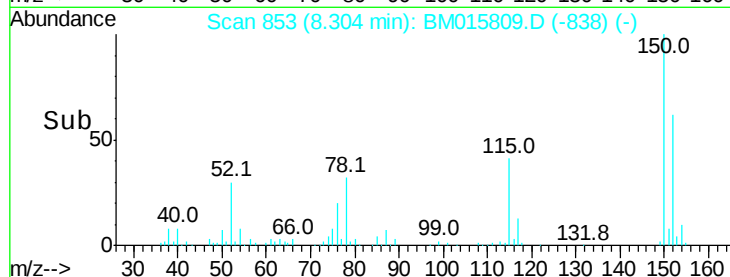
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.30 min Scan# 853
Delta R.T. -0.01 min
Lab File: BM015809.D
Acq: 06 Jul 2018 19:30

Instrument :
BNA_M
ClientSampleId :
PB110833BL

Tot Ion:152 Resp: 120492
Ion Ratio Lower Upper
152 100
150 161.7 119.5 179.3
115 66.5 43.0 64.4#



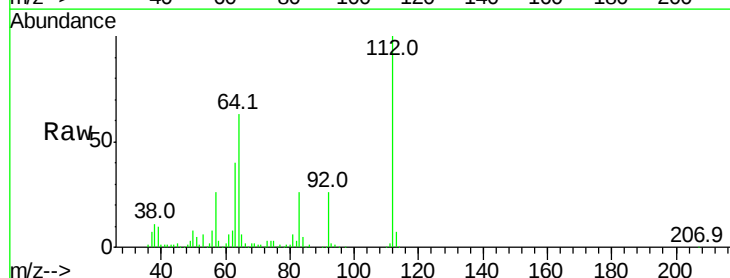
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



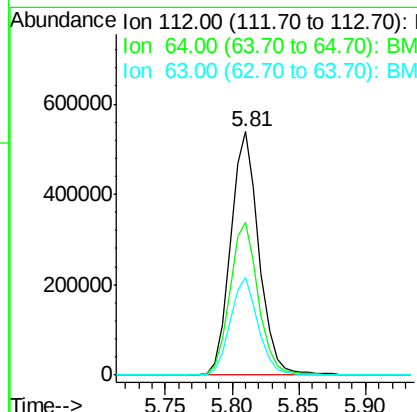
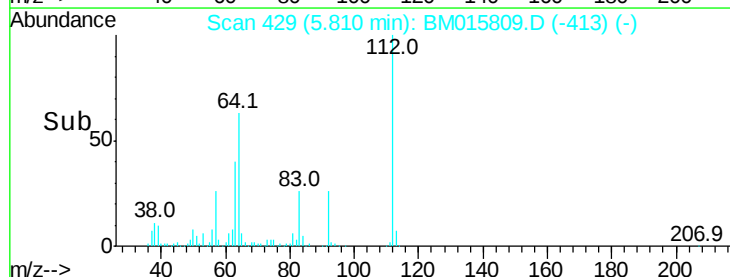
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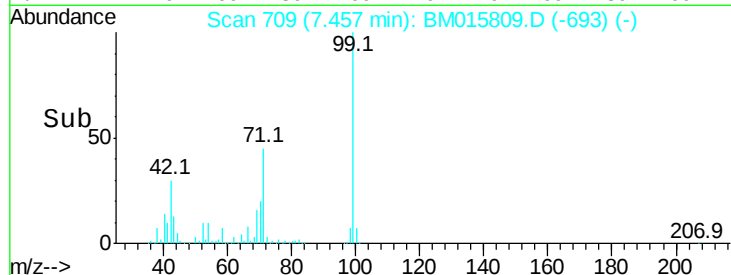
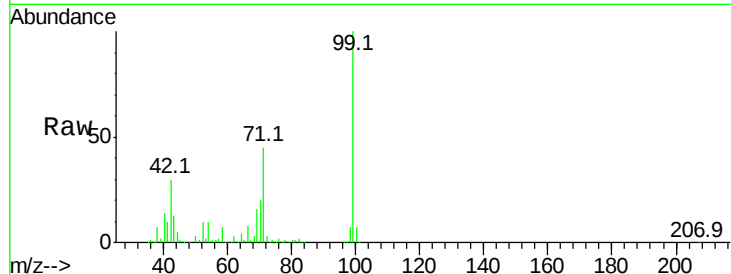
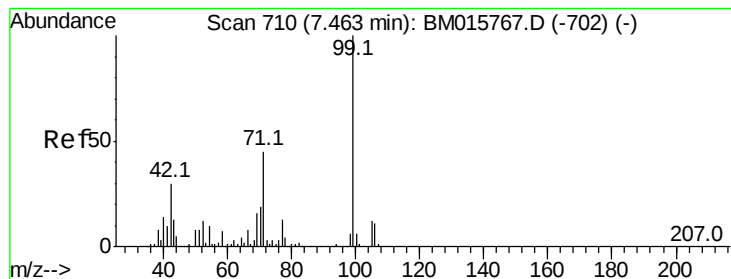
2-Fluorophenol
Concen: Below ng
RT: 5.81 min Scan# 429
Delta R.T. -0.01 min
Lab File: BM015809.D
Acq: 06 Jul 2018 19:30

Tgt Ion:112 Resp: 797728
Ion Ratio Lower Upper
112 100
64 62.5 38.6 57.8#
63 40.0 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# 709

Delta R.T. -0.01 min

Lab File: BM015809.D

Acq: 06 Jul 2018 19:30

Instrument :

BNA_M

ClientSampleId :

PB110833BL

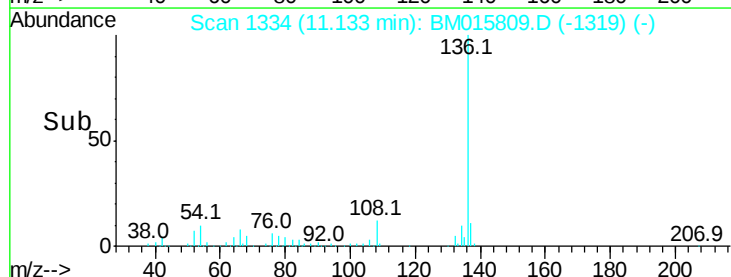
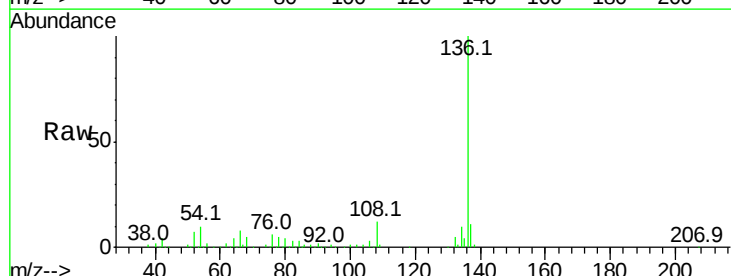
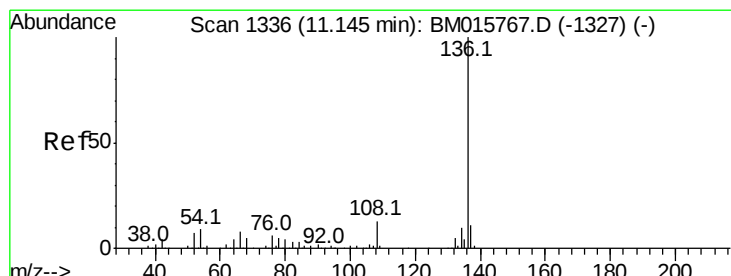
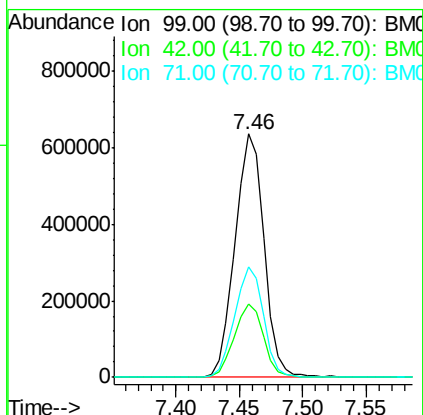
Tot Ion: 99 Resp: 1008795

Ion Ratio Lower Upper

99 100

42 30.3 11.0 16.4#

71 45.2 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.13 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BM015809.D

Acq: 06 Jul 2018 19:30

Tgt Ion: 136 Resp: 466970

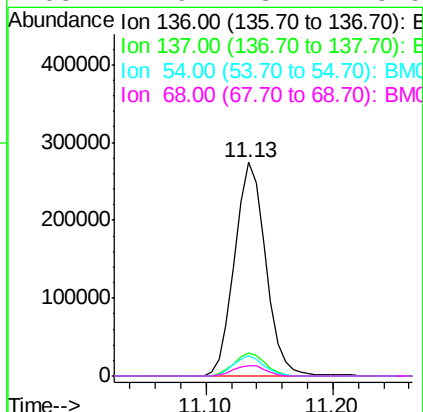
Ion Ratio Lower Upper

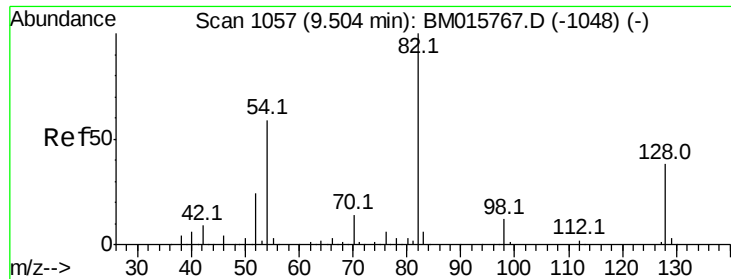
136 100

137 10.6 8.7 13.1

54 9.5 4.6 6.8#

68 4.9 3.7 5.5

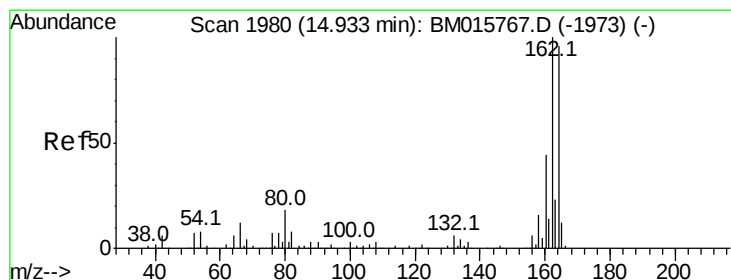
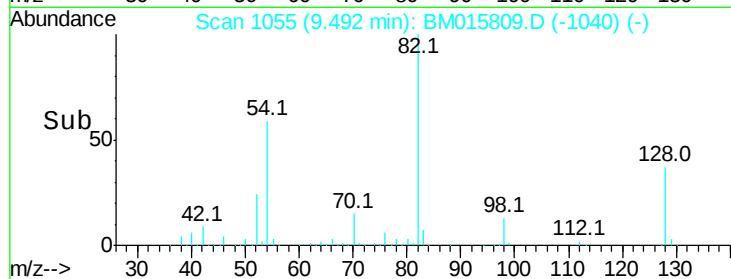
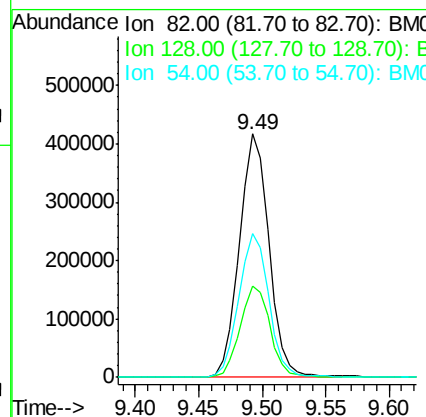
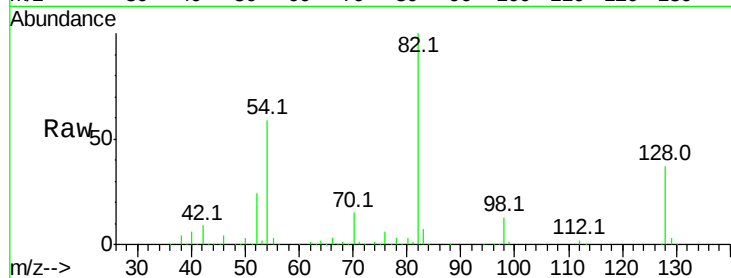




#23
 Nitrobenzene-d5
 Concen: N.D. ng
 RT: 9.49 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BM015809.D
 Acq: 06 Jul 2018 19:30

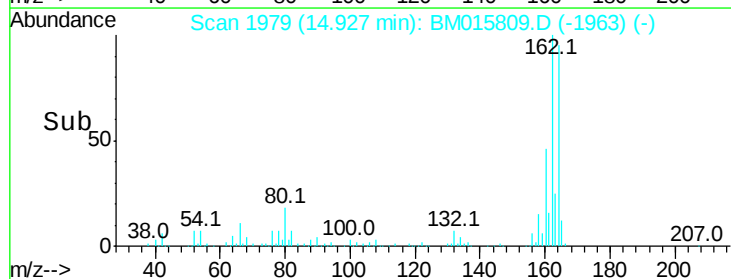
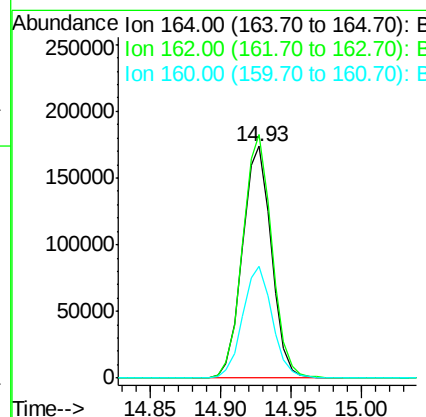
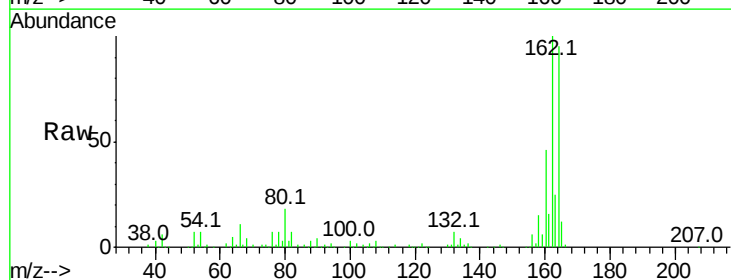
Instrument :
 BNA_M
 ClientSampled :
 PB110833BL

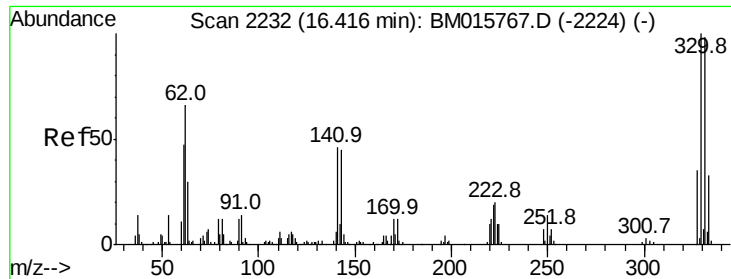
Tot Ion: 82 Resp: 675265
 Ion Ratio Lower Upper
 82 100
 128 37.2 32.8 49.2
 54 59.0 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.93 min Scan# 1979
 Delta R.T. -0.01 min
 Lab File: BM015809.D
 Acq: 06 Jul 2018 19:30

Tgt Ion:164 Resp: 249819
 Ion Ratio Lower Upper
 164 100
 162 105.2 82.4 123.6
 160 48.5 35.8 53.6

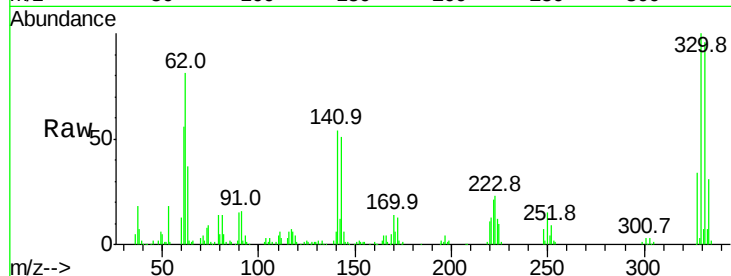




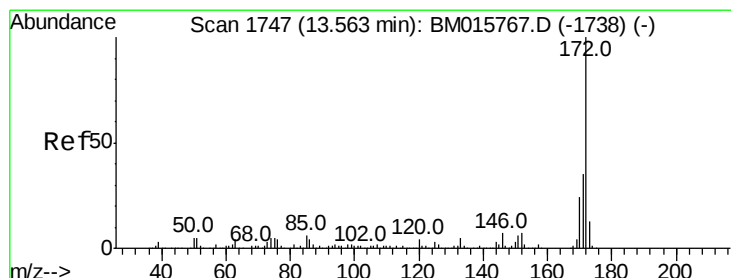
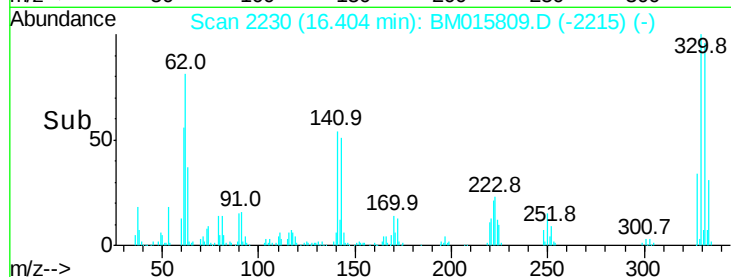
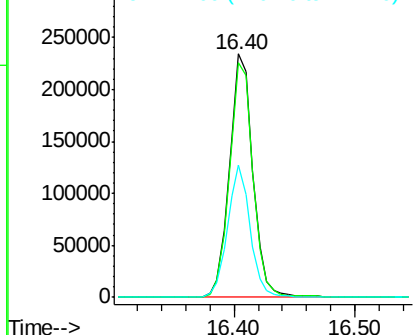
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.40 min Scan# 2230
 Delta R.T. -0.01 min
 Lab File: BM015809.D
 Acq: 06 Jul 2018 19:30

Instrument :
 BNA_M
 ClientSampleId :
 PB110833BL

Tot Ion:330 Resp: 316118
 Ion Ratio Lower Upper
 330 100
 332 97.2 0.0 0.0#
 141 52.6 0.0 0.0#

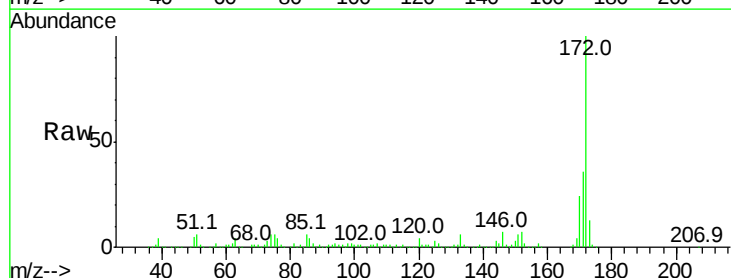


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

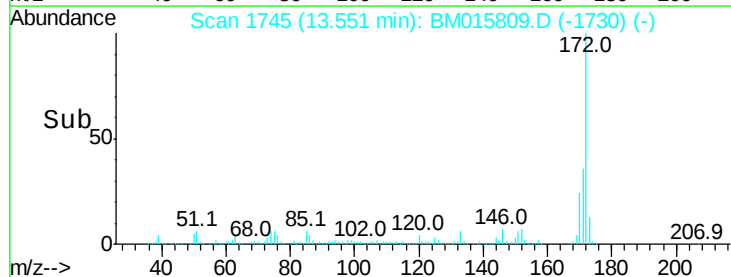
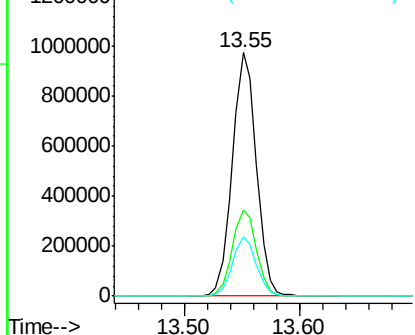


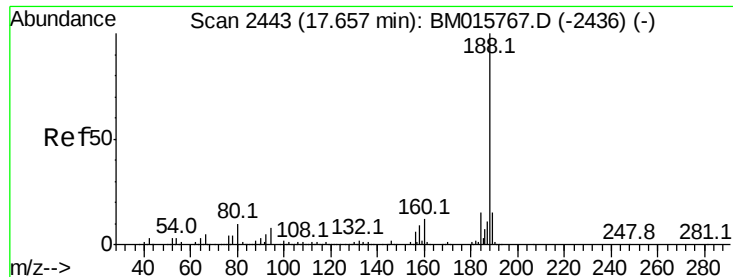
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.55 min Scan# 1745
 Delta R.T. -0.01 min
 Lab File: BM015809.D
 Acq: 06 Jul 2018 19:30

Tgt Ion:172 Resp: 1403142
 Ion Ratio Lower Upper
 172 100
 171 35.6 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: 17.65 min Scan# 2442

Delta R.T. -0.01 min

Lab File: BM015809.D

Acq: 06 Jul 2018 19:30

Instrument :

BNA_M

ClientSampleId :

PB110833BL

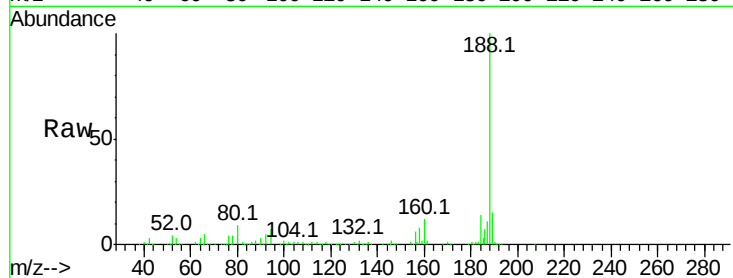
Tot Ion:188 Resp: 493273

Ion Ratio Lower Upper

188 100

94 7.5 8.7 13.1#

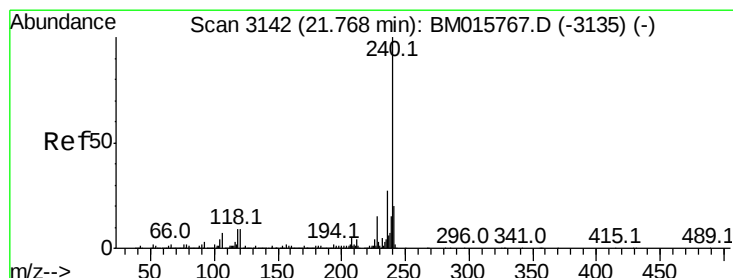
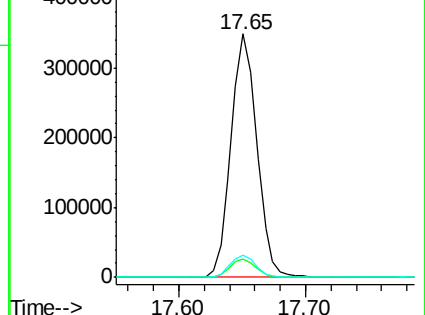
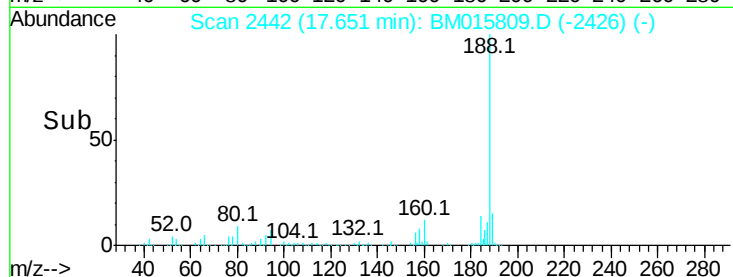
80 9.0 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BM015809.D

Acq: 06 Jul 2018 19:30

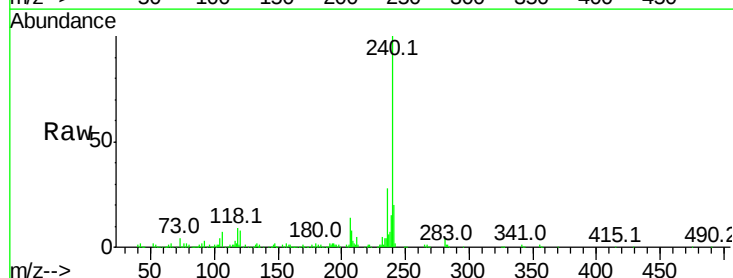
Tgt Ion:240 Resp: 343666

Ion Ratio Lower Upper

240 100

120 8.3 8.2 12.2

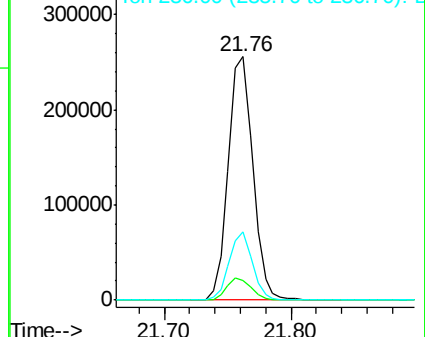
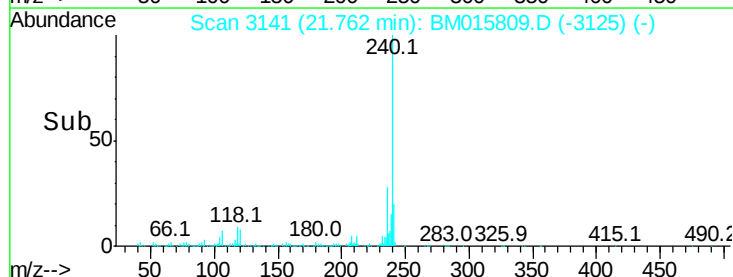
236 27.9 20.0 30.0

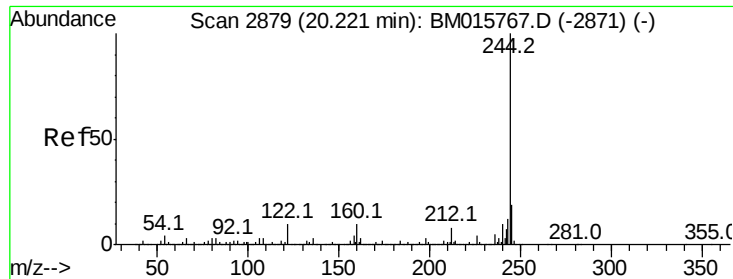


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

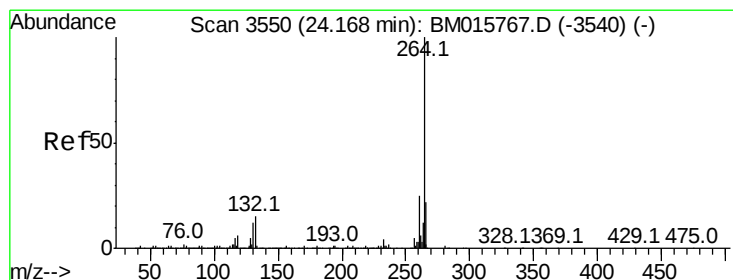
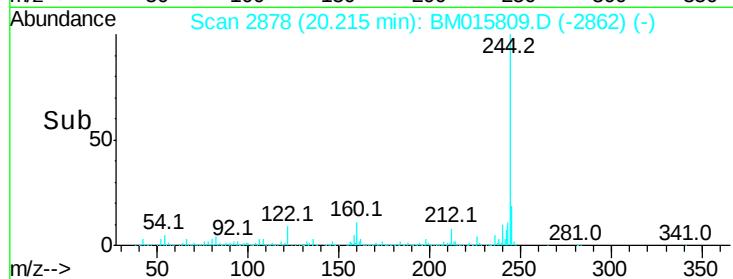
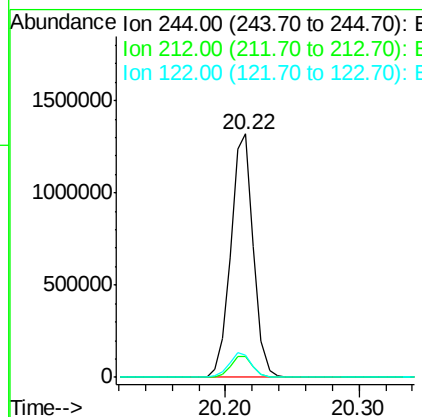
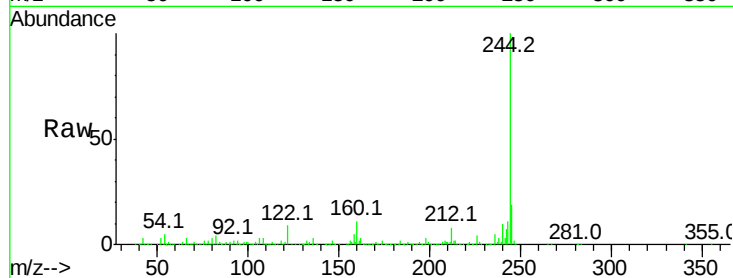




#78
 Terphenyl-d14
 Concen: Below na
 RT: 20.22 min Scan# 2878
 Delta R.T. -0.01 min
 Lab File: BM015809.D
 Acq: 06 Jul 2018 19:30

Instrument :
 BNA_M
 ClientSampleId :
 PB110833BL

Tot Ion:244 Resp: 1558581
 Ion Ratio Lower Upper
 244 100
 212 8.5 4.9 7.3#
 122 9.2 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.16 min Scan# 3549
 Delta R.T. -0.01 min
 Lab File: BM015809.D
 Acq: 06 Jul 2018 19:30

Tgt Ion:264 Resp: 313848
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.6 27.8
 265 21.4 17.3 25.9

