

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071218\
 Data File : BM015936.D
 Acq On : 13 Jul 2018 04:05
 Operator : SJ/JU
 Sample : PB111003BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB111003BL

Quant Time: Jul 13 07:31:11 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	8.29	152	76831	20.00	ng	-0.03
21) Naphthalene-d8	11.11	136	287893	20.00	ng	-0.04
38) Acenaphthene-d10	14.90	164	149471	20.00	ng	-0.03
63) Phenanthrene-d10	17.63	188	298870	20.00	ng	-0.02
75) Chrysene-d12	21.74	240	265761	20.00	ng	-0.02
86) Perylene-d12	24.13	264	278022	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	410589	91.65	ng	-0.02
7) Phenol-d6	7.44	99	510810	83.29	ng	-0.02
23) Nitrobenzene-d5	9.47	82	548708	92.99	ng	-0.04
41) 2,4,6-Tribromophenol	16.39	330	146126	74.82	ng	-0.03
44) 2-Fluorobiphenyl	13.53	172	1111261	92.30	ng	-0.03
78) Terphenyl-d14	20.20	244	1388197	96.89	ng	-0.02

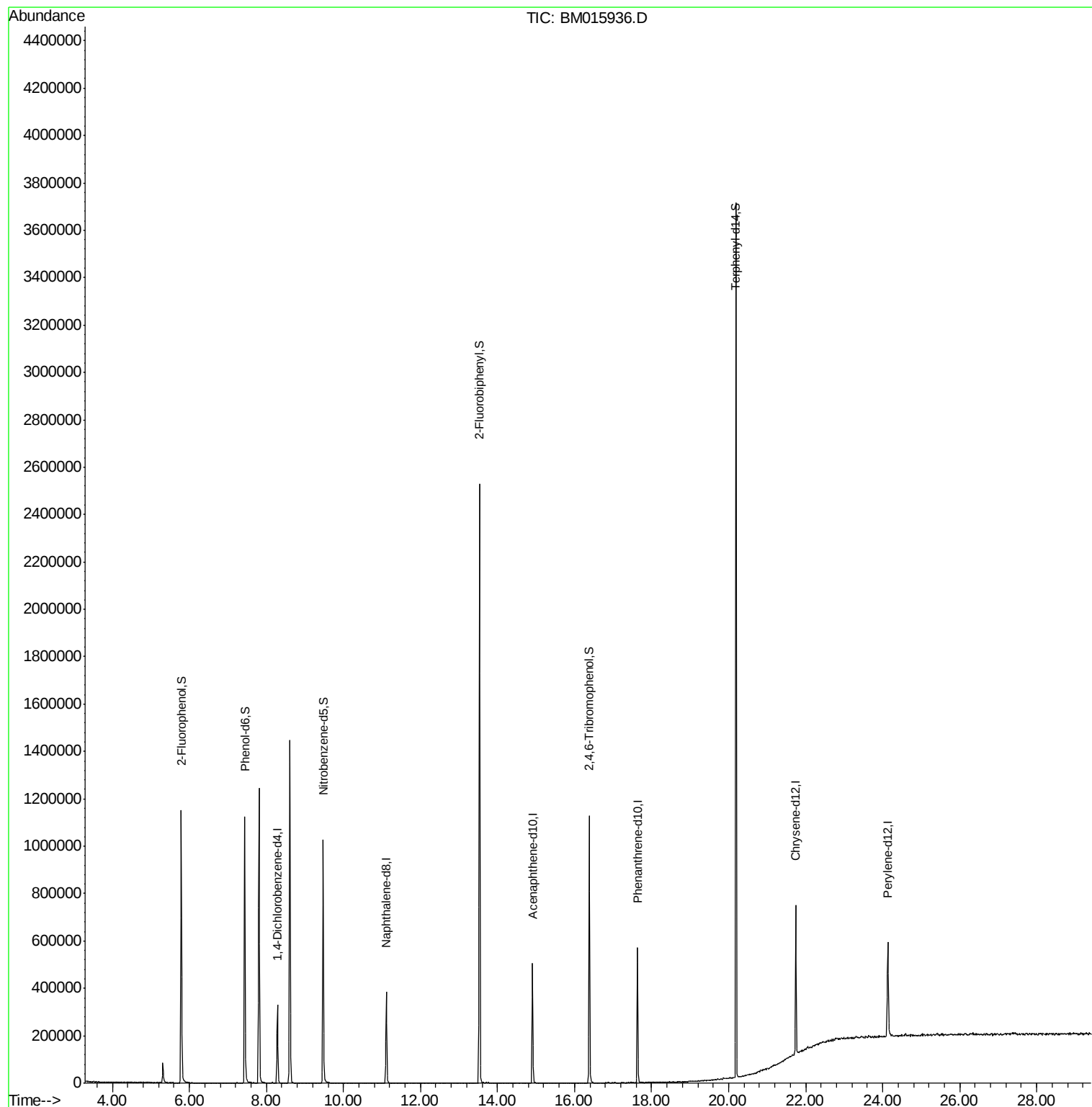
Target Compounds Qvalue

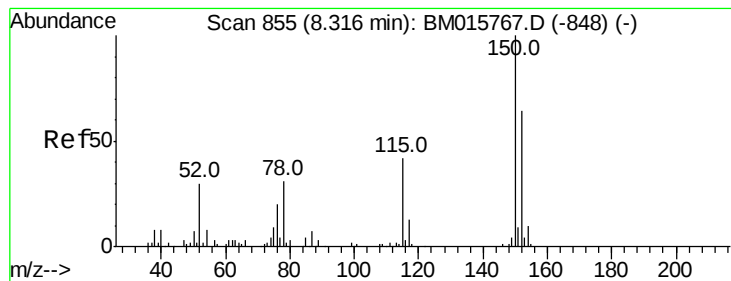
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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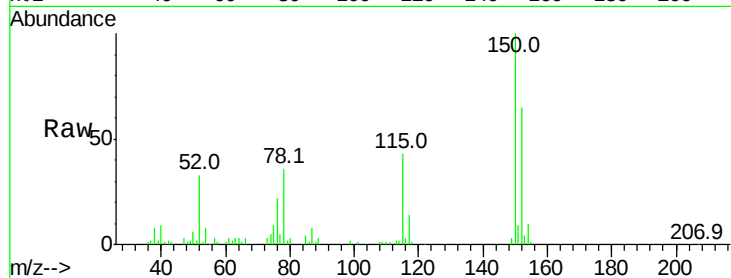


#1

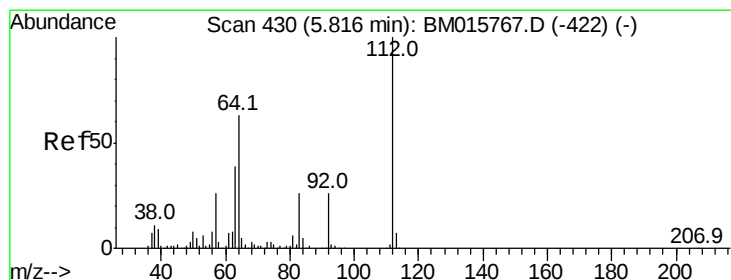
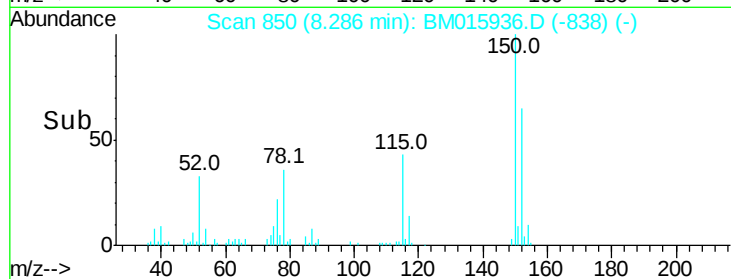
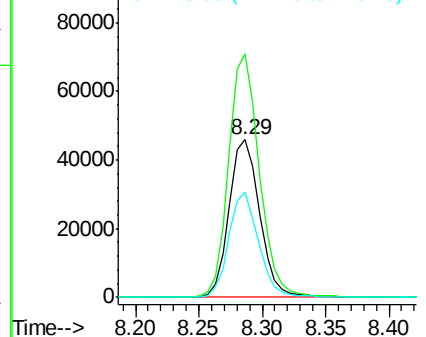
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 850
Delta R.T. -0.03 min
Lab File: BM015936.D
Acq: 13 Jul 2018 04:05

Instrument :
BNA_M
ClientSampleId :
PB111003BL

Tot Ion:152 Resp: 76831
Ion Ratio Lower Upper
152 100
150 154.7 119.5 179.3
115 67.1 43.0 64.4#



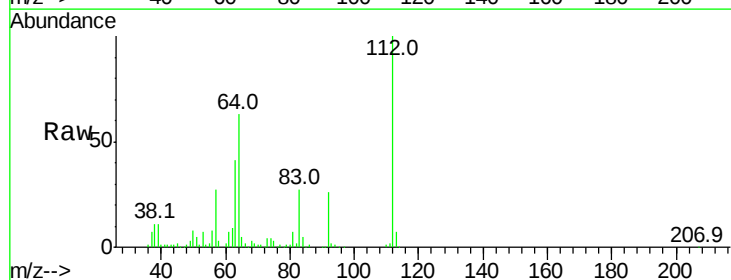
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



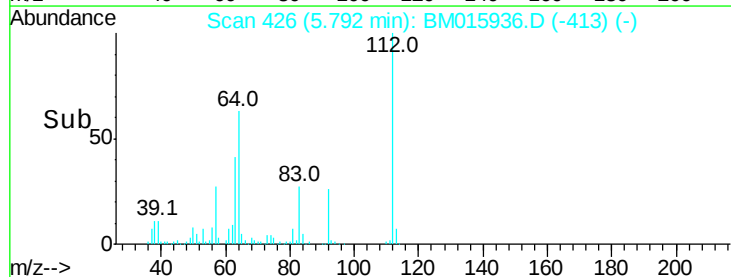
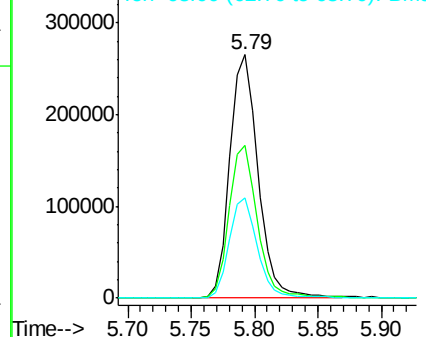
#5

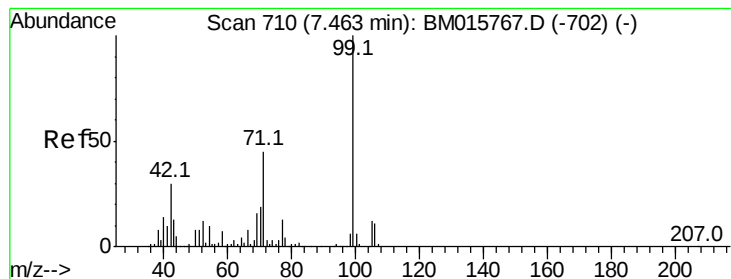
2-Fluorophenol
Concen: N.D. ng
RT: 5.79 min Scan# 426
Delta R.T. -0.02 min
Lab File: BM015936.D
Acq: 13 Jul 2018 04:05

Tgt Ion:112 Resp: 410589
Ion Ratio Lower Upper
112 100
64 63.0 38.6 57.8#
63 41.4 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: 7.44 min Scan# 706

Delta R.T. -0.02 min

Lab File: BM015936.D

Acq: 13 Jul 2018 04:05

Instrument :

BNA_M

ClientSampleId :

PB111003BL

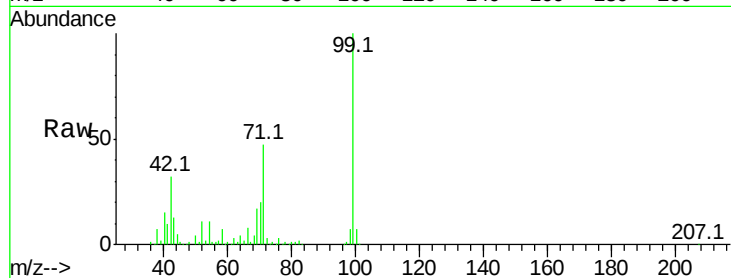
Tot Ion: 99 Resp: 510810

Ion Ratio Lower Upper

99 100

42 32.2 11.0 16.4#

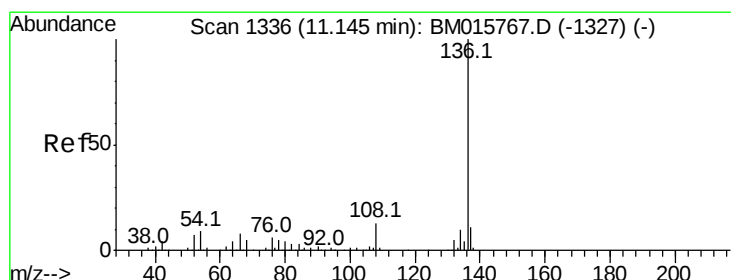
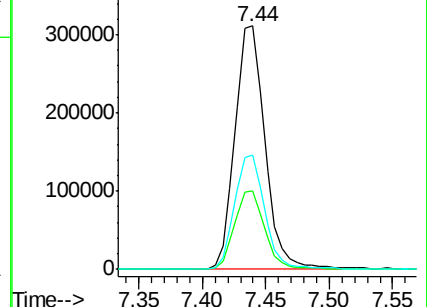
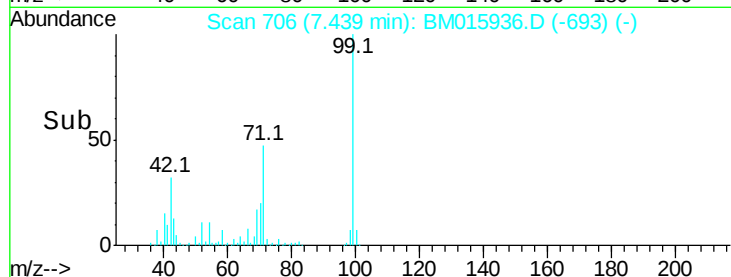
71 46.9 23.4 35.2#



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) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.11 min Scan# 1330

Delta R.T. -0.04 min

Lab File: BM015936.D

Acq: 13 Jul 2018 04:05

Tgt Ion: 136 Resp: 287893

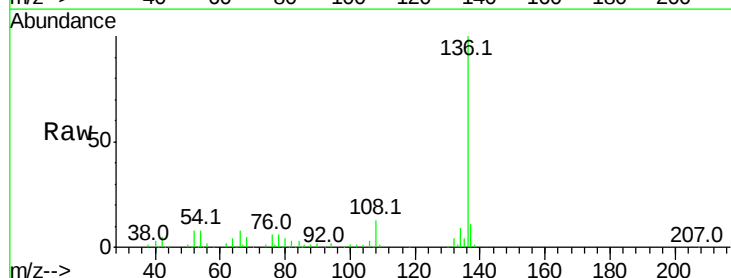
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 8.2 4.6 6.8#

68 4.6 3.7 5.5

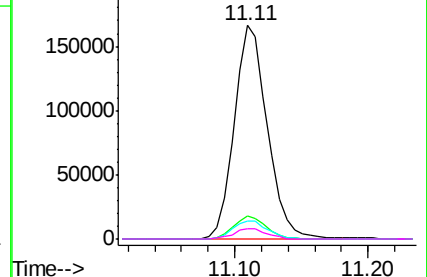
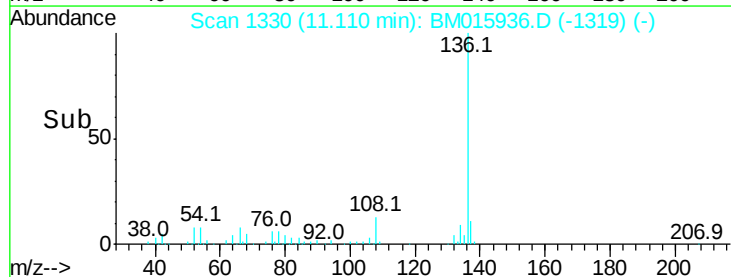


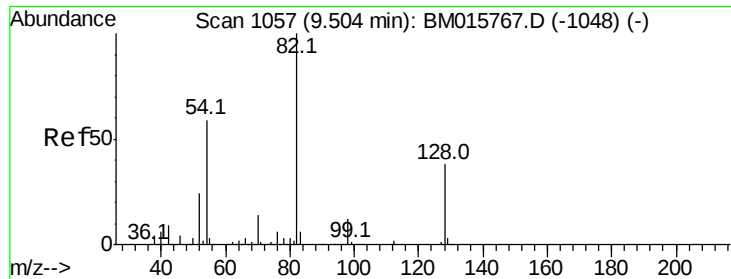
Abundance Ion 136.00 (135.70 to 136.70): BM015767.D (-1327) (-)

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) (-)

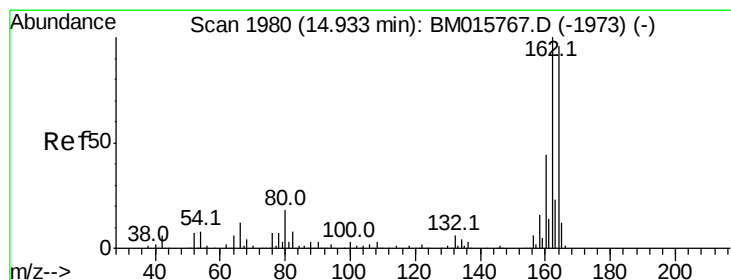
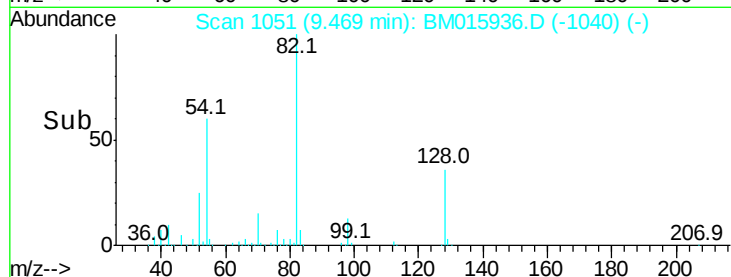
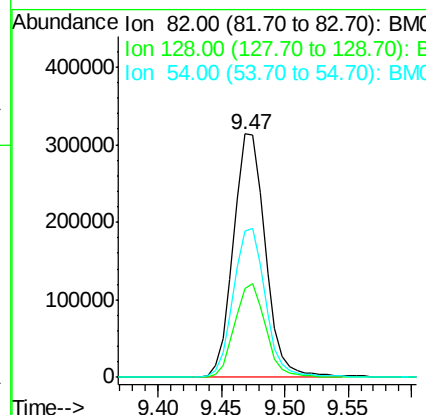
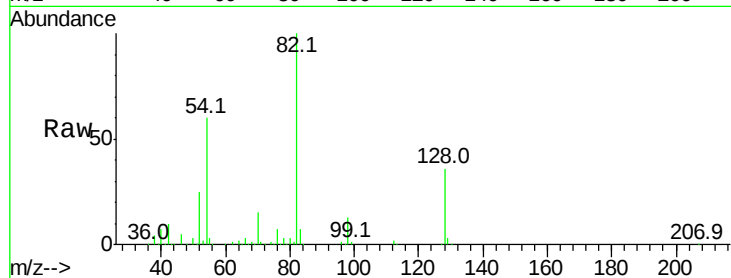




#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.47 min Scan# 1051
Delta R.T. -0.04 min
Lab File: BM015936.D
Acq: 13 Jul 2018 04:05

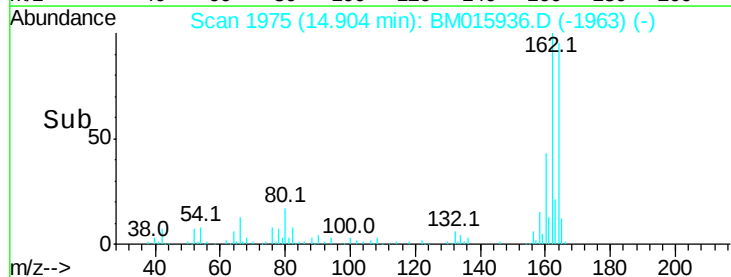
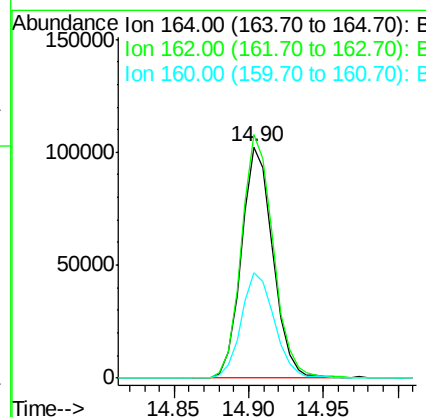
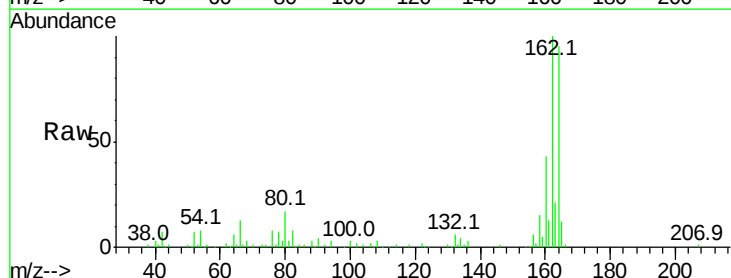
Instrument :
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ClientSampleId :
PB111003BL

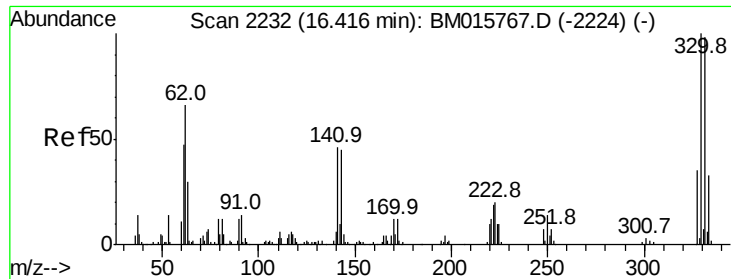
Tot Ion: 82 Resp: 548708
Ion Ratio Lower Upper
82 100
128 36.3 32.8 49.2
54 60.3 40.6 60.8



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.90 min Scan# 1975
Delta R.T. -0.03 min
Lab File: BM015936.D
Acq: 13 Jul 2018 04:05

Tgt Ion:164 Resp: 149471
Ion Ratio Lower Upper
164 100
162 105.3 82.4 123.6
160 45.3 35.8 53.6

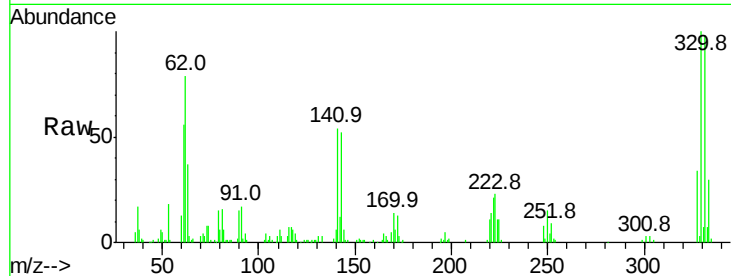




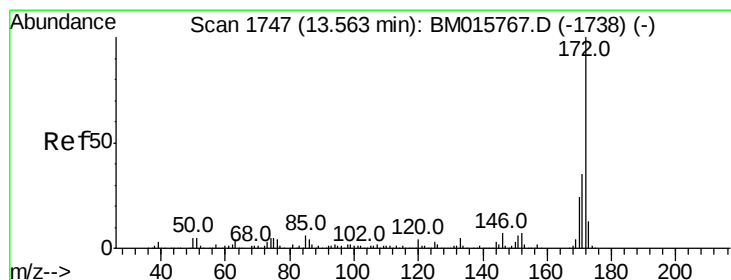
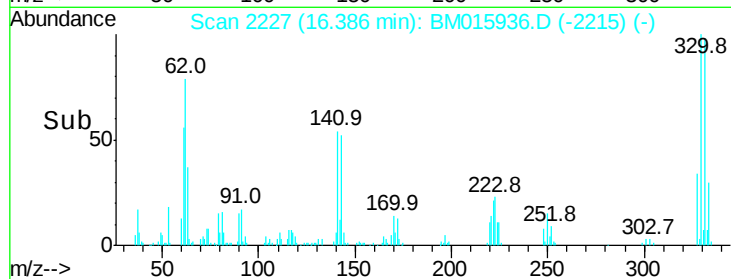
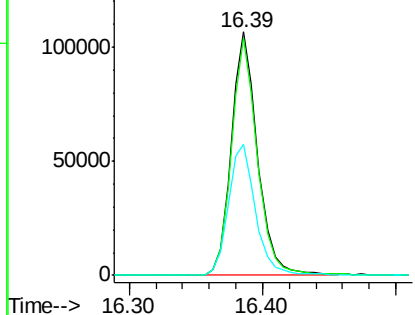
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.39 min Scan# 2227
 Delta R.T. -0.03 min
 Lab File: BM015936.D
 Acq: 13 Jul 2018 04:05

Instrument :
 BNA_M
 ClientSampleId :
 PB111003BL

Tot Ion:330 Resp: 146126
 Ion Ratio Lower Upper
 330 100
 332 96.1 0.0 0.0#
 141 55.9 0.0 0.0#

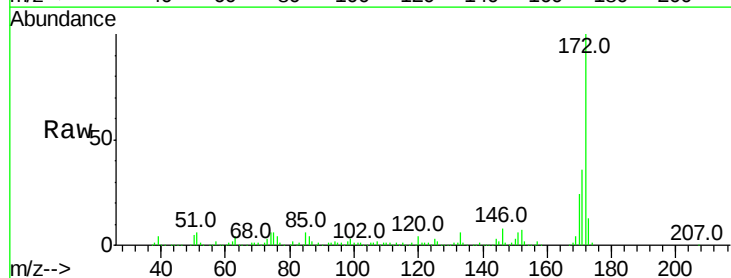


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

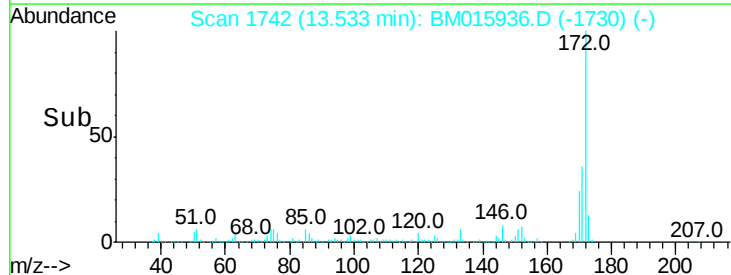
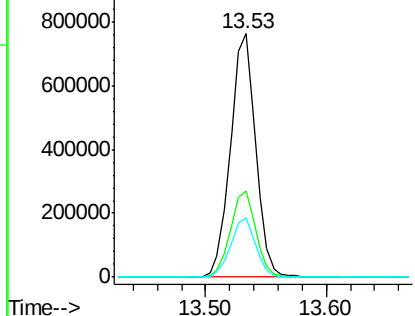


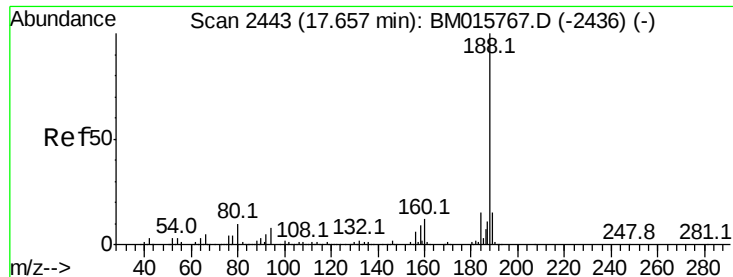
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.53 min Scan# 1742
 Delta R.T. -0.03 min
 Lab File: BM015936.D
 Acq: 13 Jul 2018 04:05

Tgt Ion:172 Resp: 1111261
 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

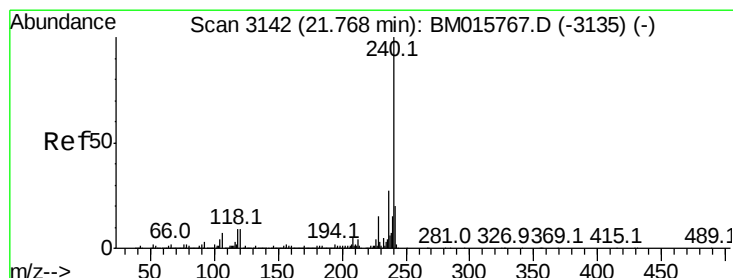
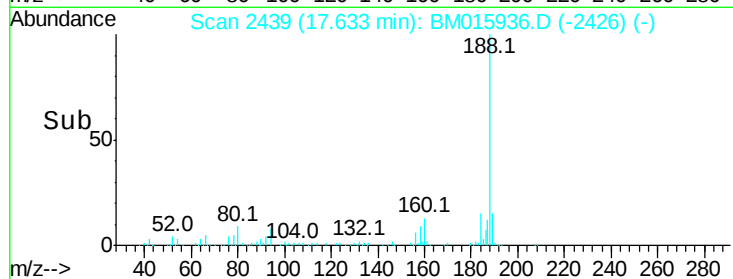
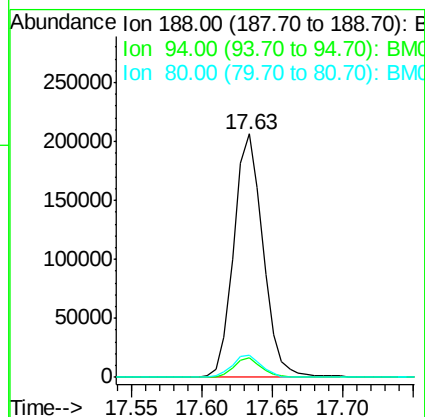
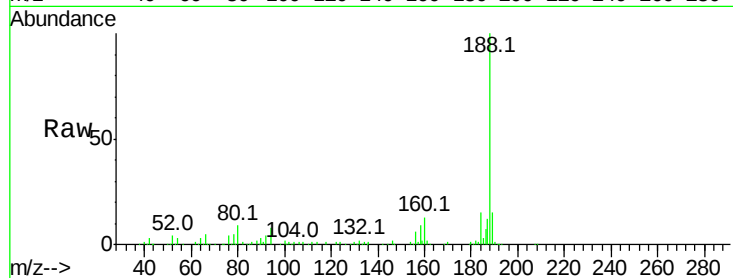




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.63 min Scan# 2439
Delta R.T. -0.02 min
Lab File: BM015936.D
Acq: 13 Jul 2018 04:05

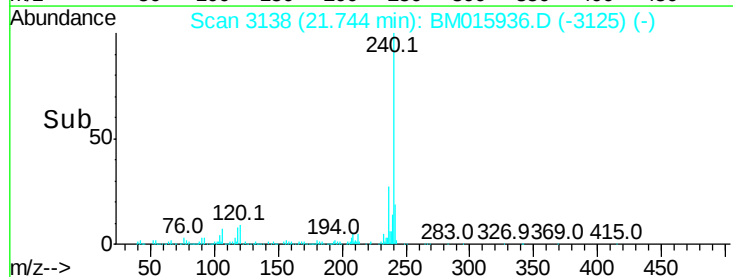
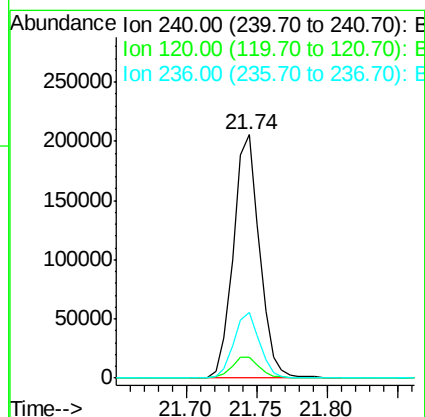
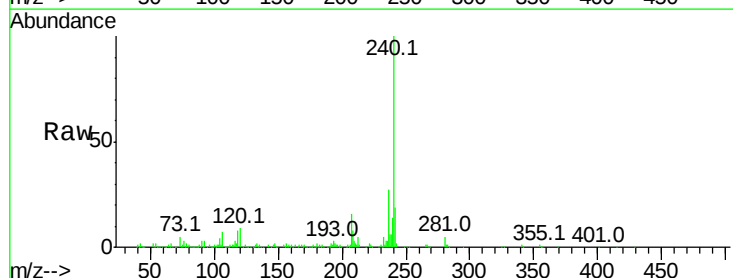
Instrument :
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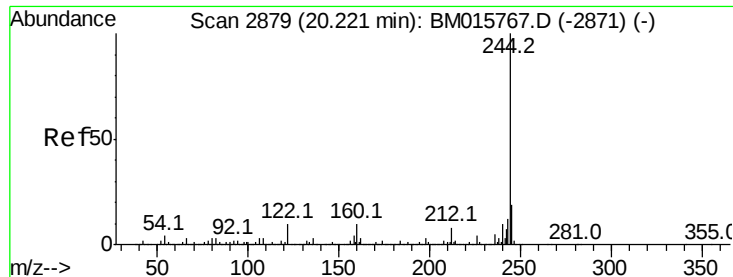
Tot Ion:188 Resp: 298870
Ion Ratio Lower Upper
188 100
94 7.9 8.7 13.1#
80 9.1 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3138
Delta R.T. -0.02 min
Lab File: BM015936.D
Acq: 13 Jul 2018 04:05

Tgt Ion:240 Resp: 265761
Ion Ratio Lower Upper
240 100
120 8.7 8.2 12.2
236 27.1 20.0 30.0

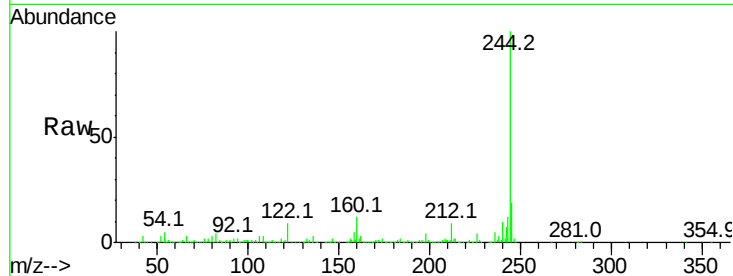




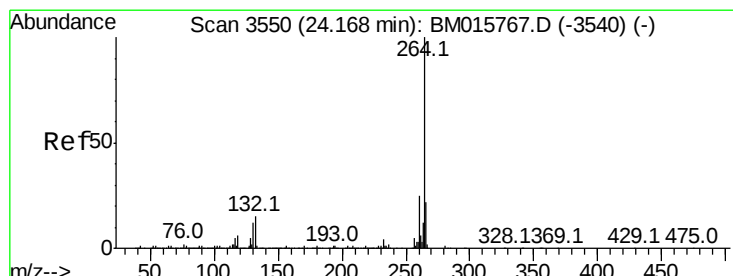
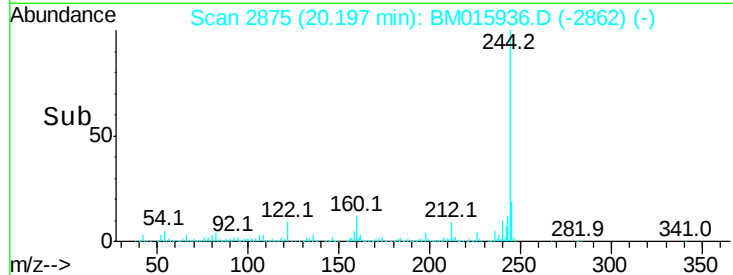
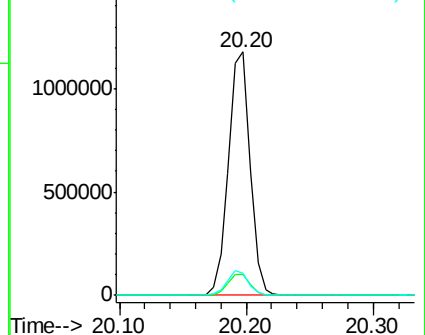
#78
 Terphenyl-d14
 Concen: N.D. ng
 RT: 20.20 min Scan# 2875
 Delta R.T. -0.02 min
 Lab File: BM015936.D
 Acq: 13 Jul 2018 04:05

Instrument :
 BNA_M
 ClientSampleId :
 PB111003BL

Tot Ion:244 Resp: 1388197
 Ion Ratio Lower Upper
 244 100
 212 8.8 4.9 7.3#
 122 9.1 6.2 9.4

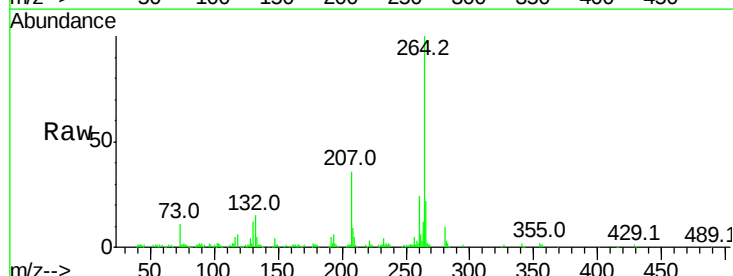


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.13 min Scan# 3544
 Delta R.T. -0.04 min
 Lab File: BM015936.D
 Acq: 13 Jul 2018 04:05

Tgt Ion:264 Resp: 278022
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.6 27.8
 265 22.5 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

