

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070918\
 Data File : BM015865.D
 Acq On : 10 Jul 2018 05:31
 Operator : SJ/JU
 Sample : J3897-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 STOCK-PILE-A

Quant Time: Jul 10 07:03:29 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

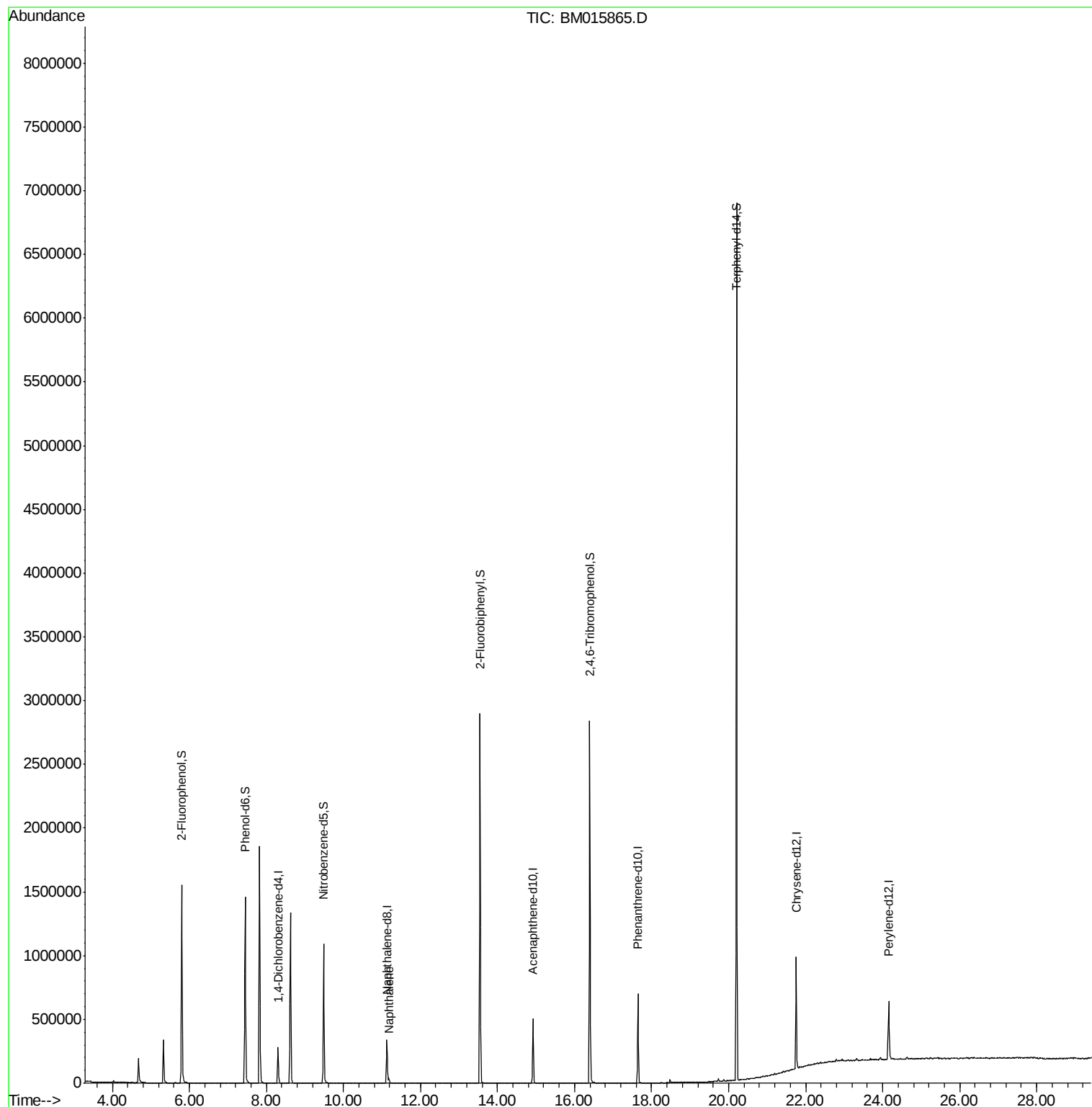
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	64483	20.00	ng	-0.02
21) Naphthalene-d8	11.13	136	253413	20.00	ng	-0.02
38) Acenaphthene-d10	14.92	164	148680	20.00	ng	-0.01
63) Phenanthrene-d10	17.64	188	359989	20.00	ng	-0.01
75) Chrysene-d12	21.76	240	376339	20.00	ng	-0.01
86) Perylene-d12	24.16	264	306560	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	545815	145.16	ng	-0.01
7) Phenol-d6	7.45	99	634225	123.21	ng	-0.01
23) Nitrobenzene-d5	9.49	82	558454	107.52	ng	-0.02
41) 2,4,6-Tribromophenol	16.40	330	341460	175.77	ng	-0.02
44) 2-Fluorobiphenyl	13.55	172	1210684	101.09	ng	-0.02
78) Terphenyl-d14	20.21	244	2412738	118.92	ng	-0.01
Target Compounds						
31) Naphthalene	11.18	128	32867	2.502	ng	Qvalue 97

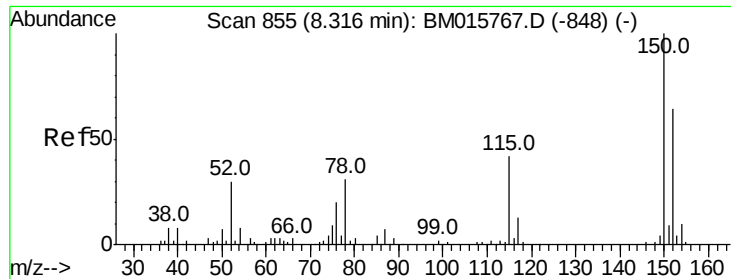
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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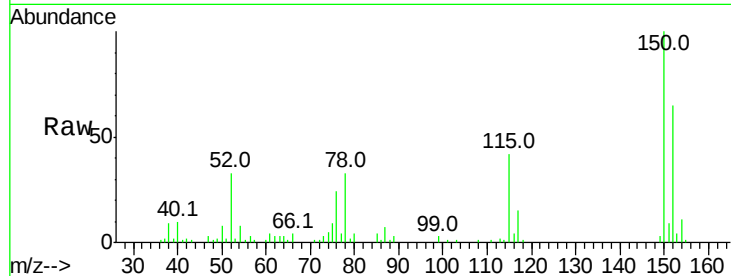


#1

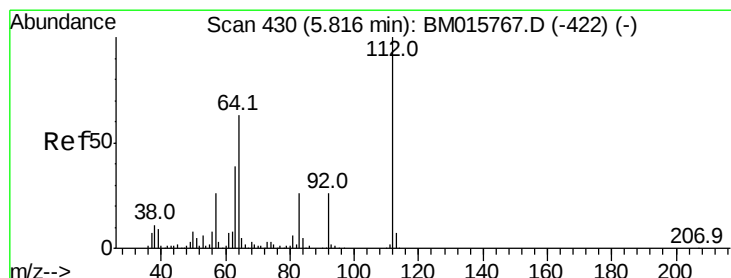
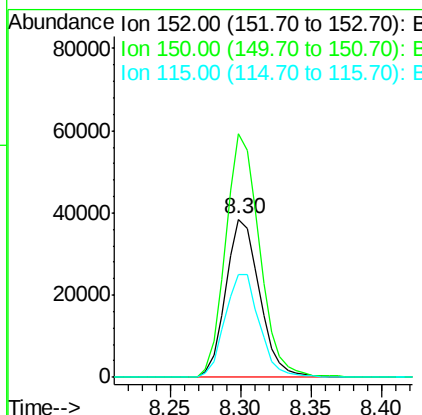
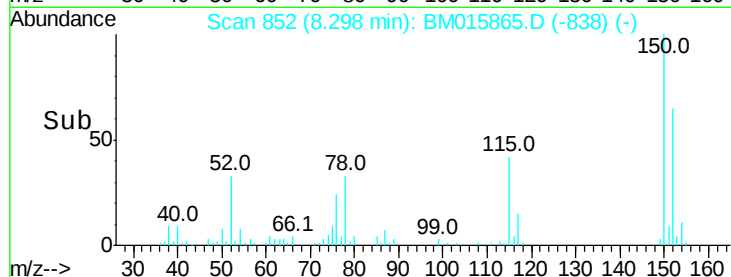
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.30 min Scan# 852
Delta R.T. -0.02 min
Lab File: BM015865.D
Acq: 10 Jul 2018 05:31

Instrument :
BNA_M
ClientSampleId :
STOCK-PILE-A

Tot Ion:152 Resp: 64483
Ion Ratio Lower Upper
152 100
150 154.2 119.5 179.3
115 64.9 43.0 64.4#



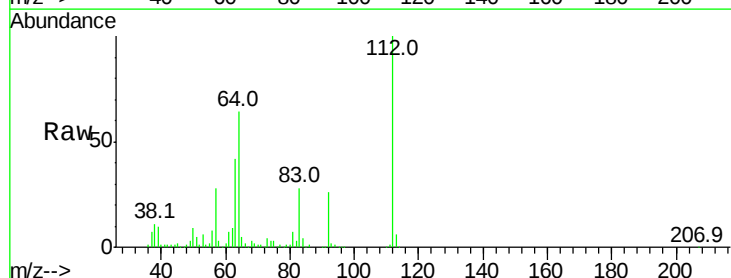
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



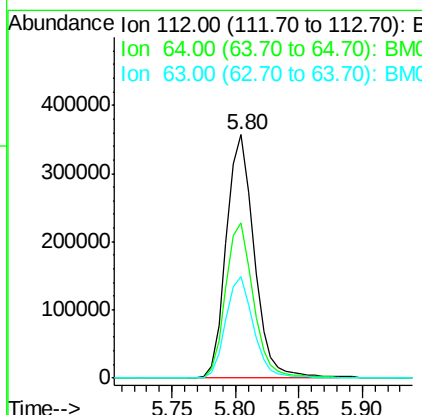
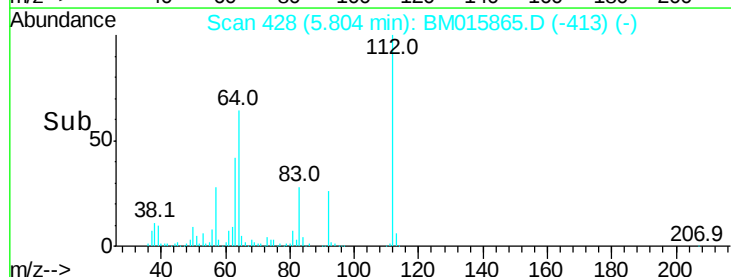
#5

2-Fluorophenol
Concen: Below ng
RT: 5.80 min Scan# 428
Delta R.T. -0.01 min
Lab File: BM015865.D
Acq: 10 Jul 2018 05:31

Tgt Ion:112 Resp: 545815
Ion Ratio Lower Upper
112 100
64 63.8 38.6 57.8#
63 41.6 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: 7.45 min Scan# 708

Delta R.T. -0.01 min

Lab File: BM015865.D

Acq: 10 Jul 2018 05:31

Instrument :

BNA_M

ClientSampleId :

STOCK-PILE-A

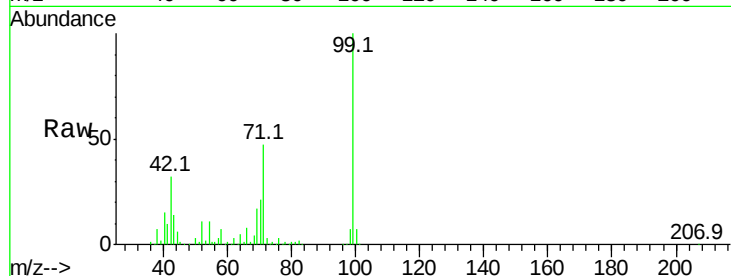
Tot Ion: 99 Resp: 634225

Ion Ratio Lower Upper

99 100

42 32.2 11.0 16.4#

71 46.6 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) (-)

7.45

400000

300000

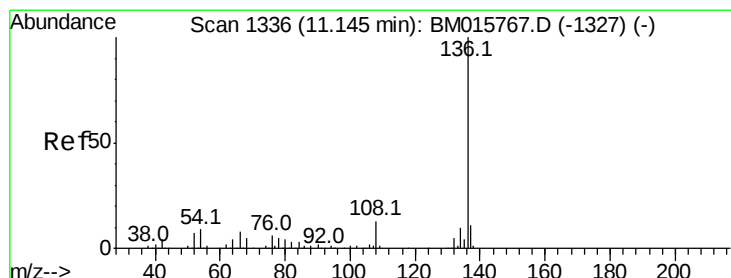
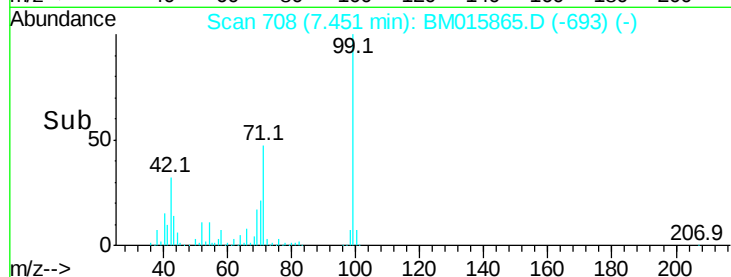
200000

100000

0

7.35 7.40 7.45 7.50 7.55

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.13 min Scan# 1333

Delta R.T. -0.02 min

Lab File: BM015865.D

Acq: 10 Jul 2018 05:31

Tgt Ion: 136 Resp: 253413

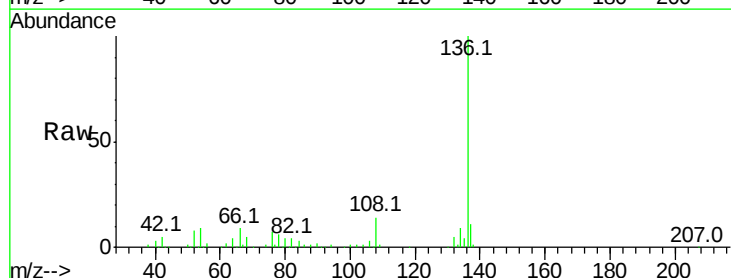
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 9.0 4.6 6.8#

68 4.9 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) (-)

11.13

200000

150000

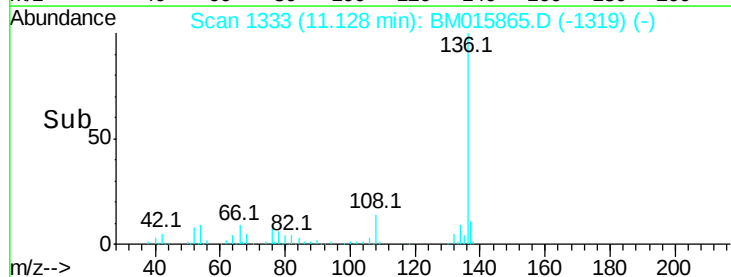
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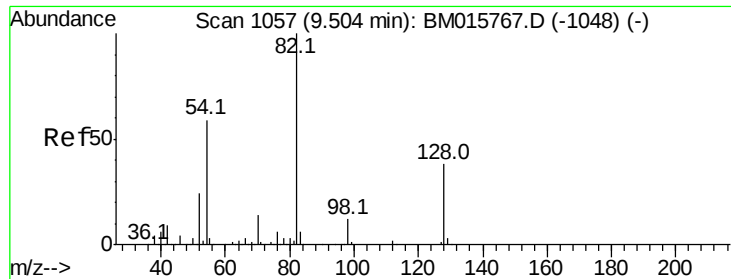
50000

0

11.10 11.20

Time-->

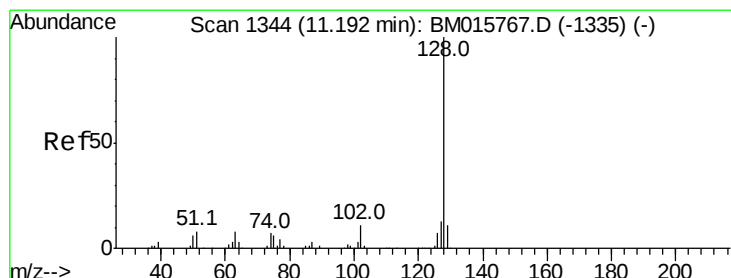
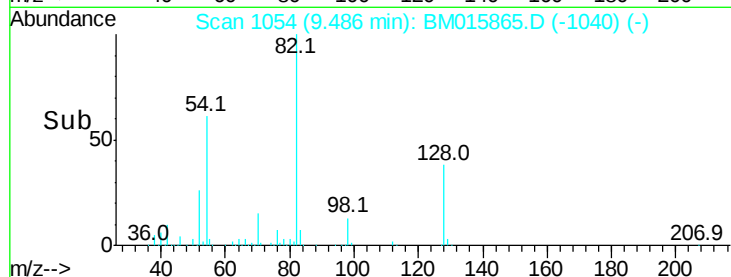
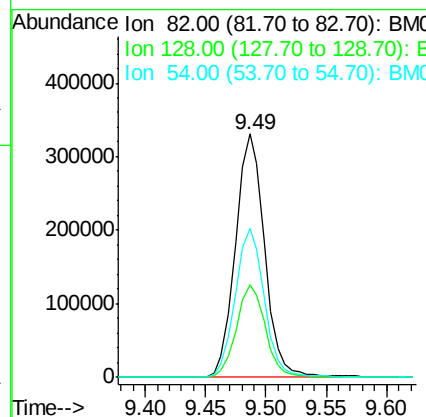
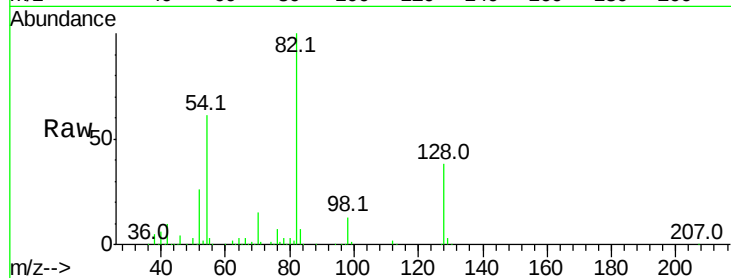




#23
 Nitrobenzene-d5
 Concen: N.D. ng
 RT: 9.49 min Scan# 1054
 Delta R.T. -0.02 min
 Lab File: BM015865.D
 Acq: 10 Jul 2018 05:31

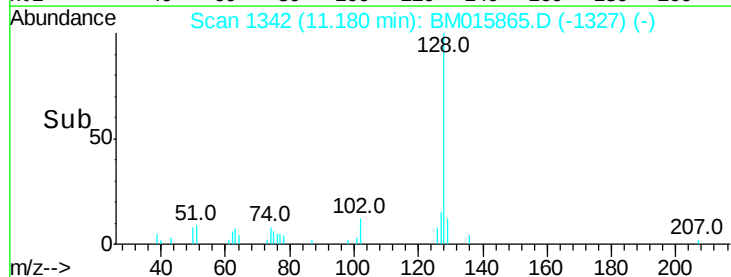
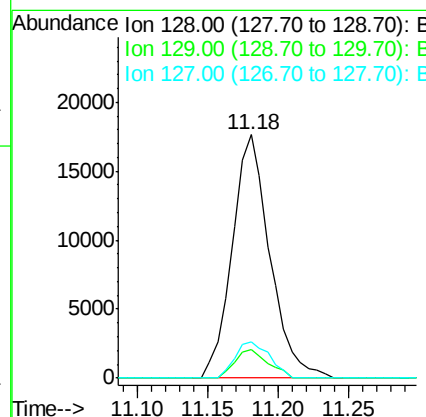
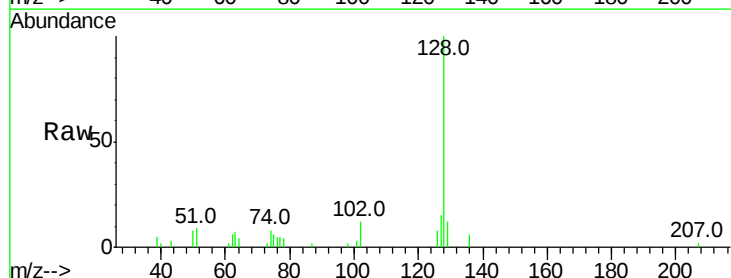
Instrument :
 BNA_M
 ClientSampleId :
 STOCK-PILE-A

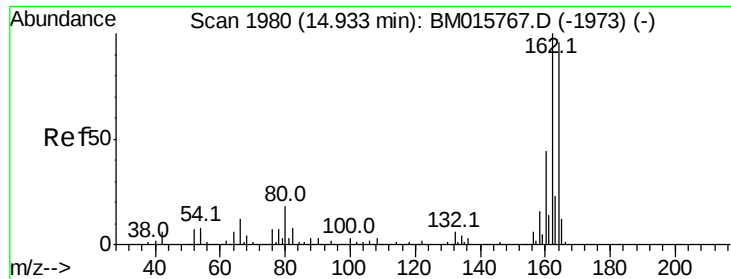
Tot Ion: 82 Resp: 558454
 Ion Ratio Lower Upper
 82 100
 128 38.0 32.8 49.2
 54 61.0 40.6 60.8#



#31
 Naphthalene
 Concen: 2.502 ng
 RT: 11.18 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BM015865.D
 Acq: 10 Jul 2018 05:31

Tgt Ion: 128 Resp: 32867
 Ion Ratio Lower Upper
 128 100
 129 11.5 8.9 13.3
 127 14.9 10.4 15.6

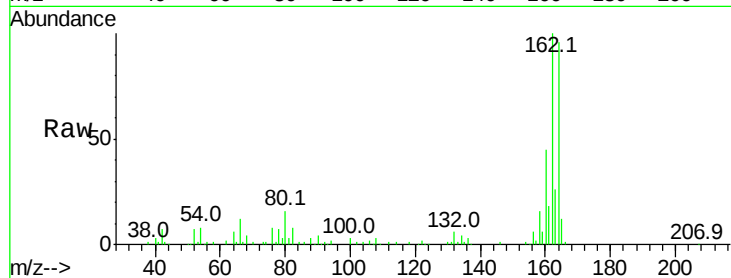




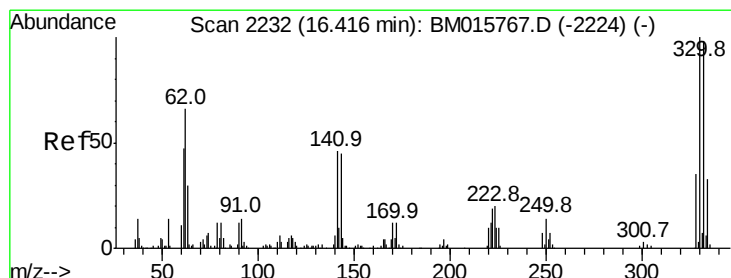
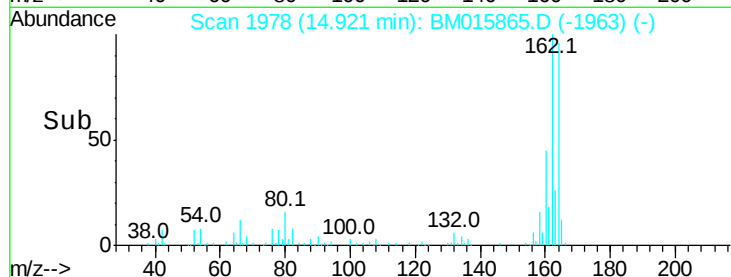
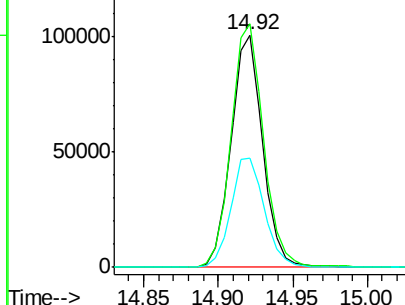
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.92 min Scan# 1978
 Delta R.T. -0.01 min
 Lab File: BM015865.D
 Acq: 10 Jul 2018 05:31

Instrument :
 BNA_M
 ClientSampleId :
 STOCK-PILE-A

Tot Ion:164 Resp: 148680
 Ion Ratio Lower Upper
 164 100
 162 104.7 82.4 123.6
 160 46.7 35.8 53.6

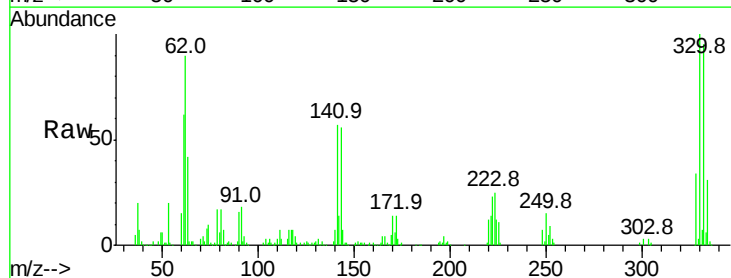


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

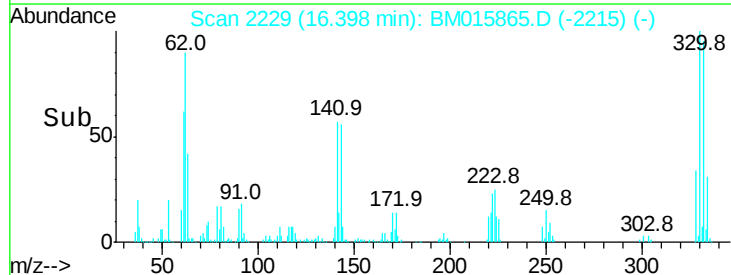
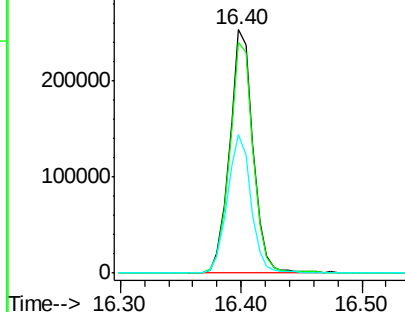


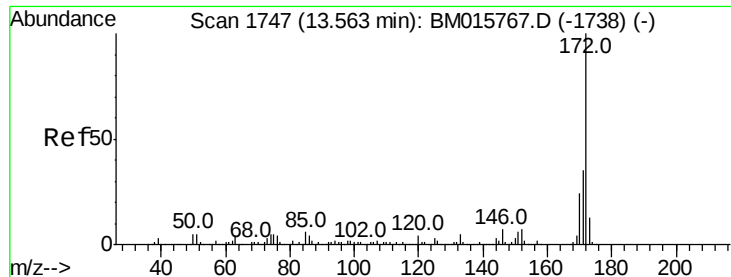
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.40 min Scan# 2229
 Delta R.T. -0.02 min
 Lab File: BM015865.D
 Acq: 10 Jul 2018 05:31

Tgt Ion:330 Resp: 341460
 Ion Ratio Lower Upper
 330 100
 332 95.5 0.0 0.0#
 141 57.7 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

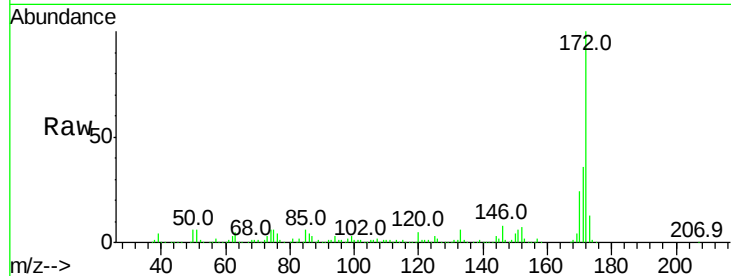




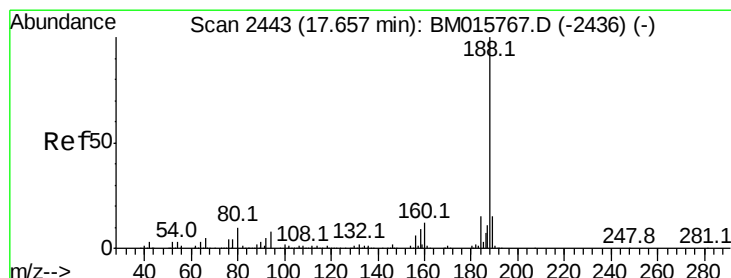
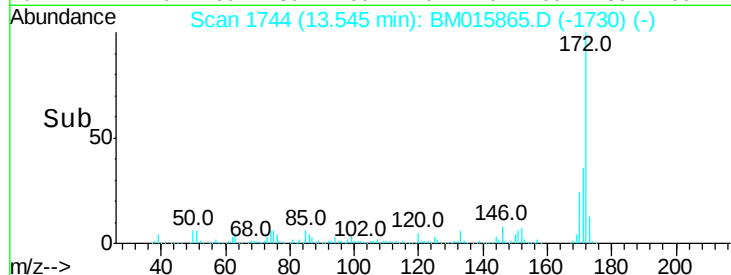
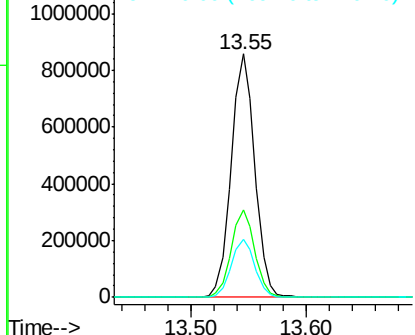
#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.55 min Scan# 1744
Delta R.T. -0.02 min
Lab File: BM015865.D
Acq: 10 Jul 2018 05:31

Instrument :
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Tot Ion:172 Resp: 1210684
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 23.9 18.8 28.2

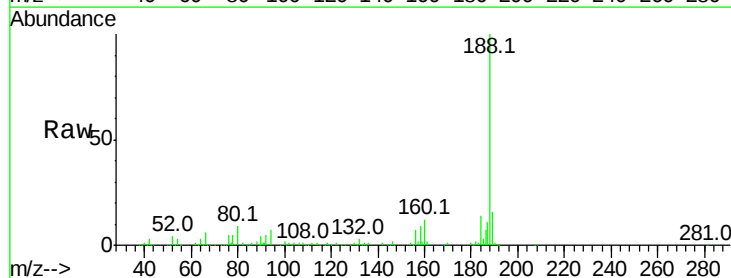


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

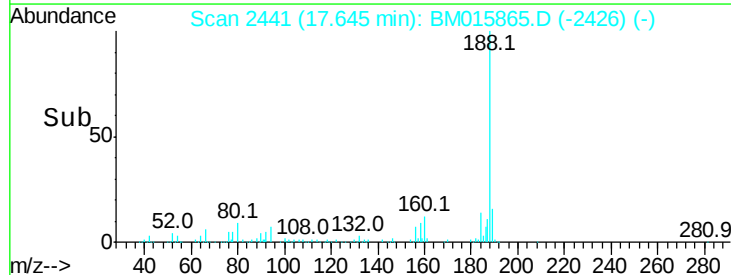
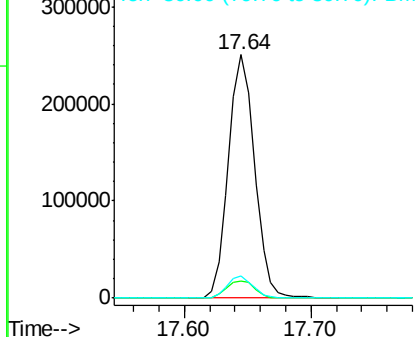


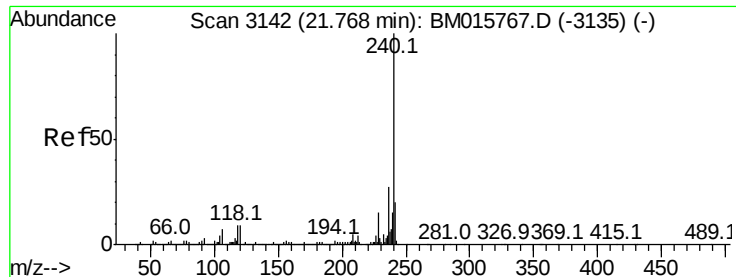
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.64 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BM015865.D
Acq: 10 Jul 2018 05:31

Tgt Ion:188 Resp: 359989
Ion Ratio Lower Upper
188 100
94 7.2 8.7 13.1#
80 8.9 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# 3140

Delta R.T. -0.01 min

Lab File: BM015865.D

Acq: 10 Jul 2018 05:31

Instrument :

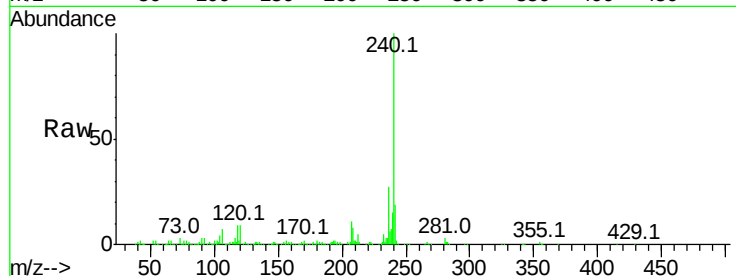
BNA_M

ClientSampleId :

STOCK-PILE-A

Tot Ion:240 Resp: 376339

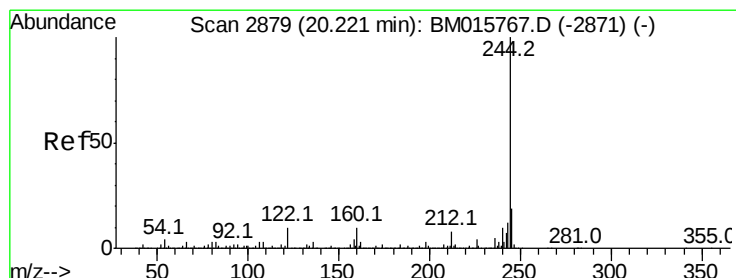
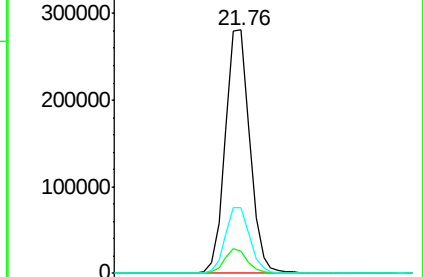
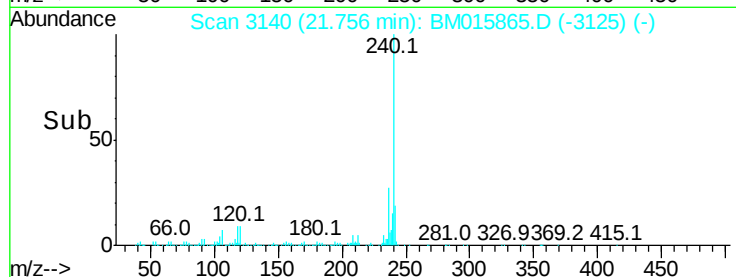
Ion	Ratio	Lower	Upper
240	100		
120	9.1	8.2	12.2
236	27.0	20.0	30.0



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 ng

RT: 20.21 min Scan# 2877

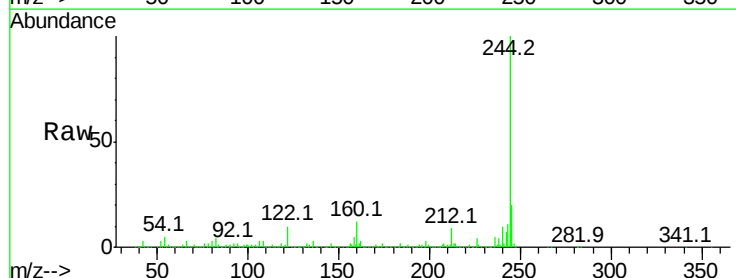
Delta R.T. -0.01 min

Lab File: BM015865.D

Acq: 10 Jul 2018 05:31

Tgt Ion:244 Resp: 2412738

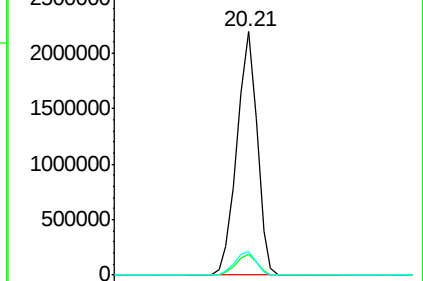
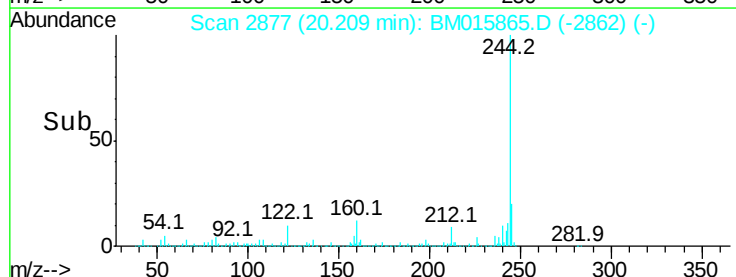
Ion	Ratio	Lower	Upper
244	100		
212	8.7	4.9	7.3#
122	9.9	6.2	9.4#

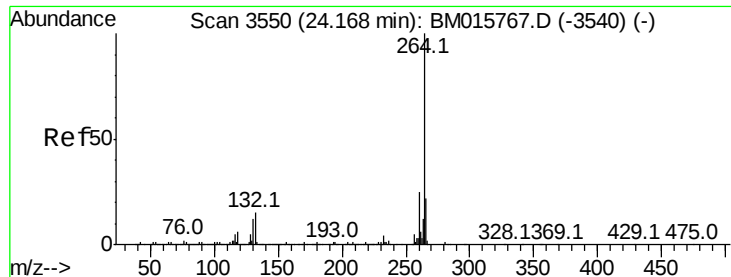


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

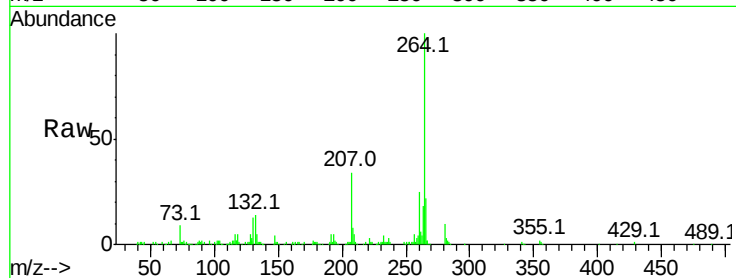




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.16 min Scan# 3548
Delta R.T. -0.01 min
Lab File: BM015865.D
Acq: 10 Jul 2018 05:31

Instrument :
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ClientSampleId :
STOCK-PILE-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.6	27.8
265	22.3	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

