

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070918\
 Data File : BM015866.D
 Acq On : 10 Jul 2018 06:09
 Operator : SJ/JU
 Sample : J3901-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-9-S

Quant Time: Jul 10 07:03:38 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	51646	20.00	ng	-0.02
21) Naphthalene-d8	11.13	136	201120	20.00	ng	-0.02
38) Acenaphthene-d10	14.92	164	120766	20.00	ng	-0.01
63) Phenanthrene-d10	17.64	188	314764	20.00	ng	-0.01
75) Chrysene-d12	21.76	240	351165	20.00	ng	-0.01
86) Perylene-d12	24.15	264	339405	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	429295	142.55	ng	-0.01
7) Phenol-d6	7.45	99	482909	117.13	ng	-0.01
23) Nitrobenzene-d5	9.49	82	455817	110.58	ng	-0.02
41) 2,4,6-Tribromophenol	16.40	330	295197	187.07	ng	-0.02
44) 2-Fluorobiphenyl	13.54	172	1001198	102.92	ng	-0.02
78) Terphenyl-d14	20.21	244	2174834	114.88	ng	-0.01

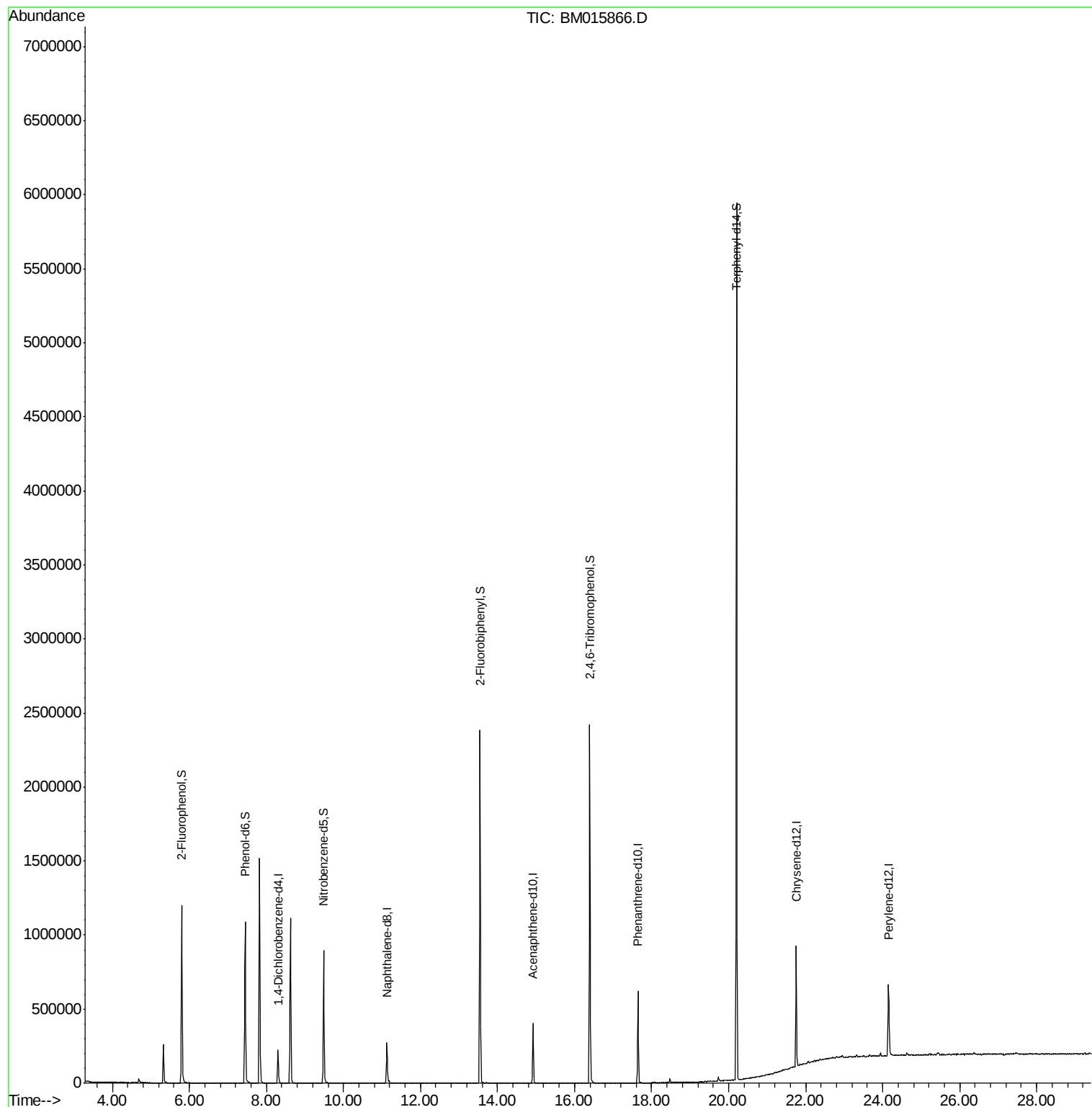
Target Compounds Qvalue

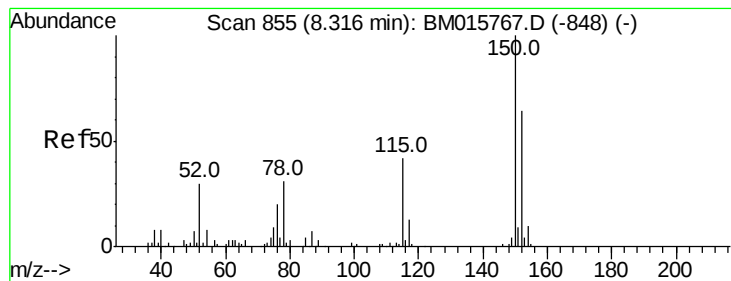
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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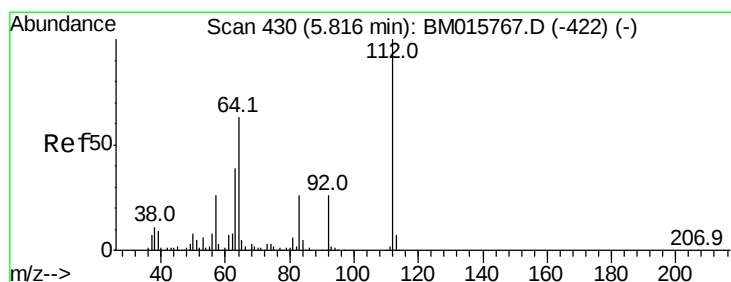
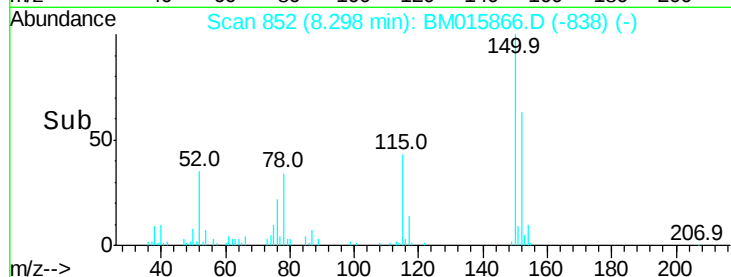
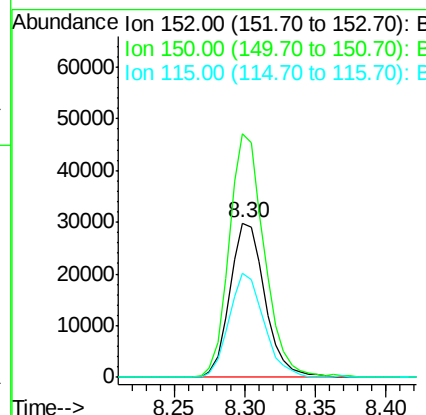
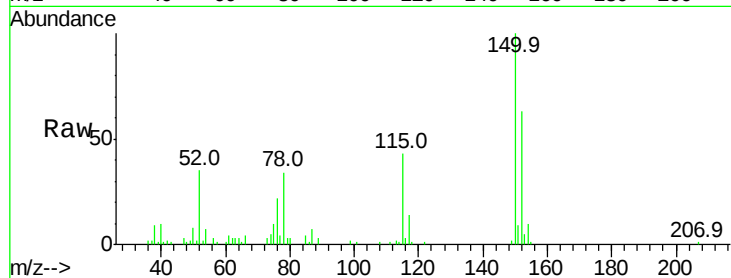


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.30 min Scan# 852
Delta R.T. -0.02 min
Lab File: BM015866.D
Acq: 10 Jul 2018 06:09

Instrument :
BNA_M
ClientSampleId :
TP-9-S

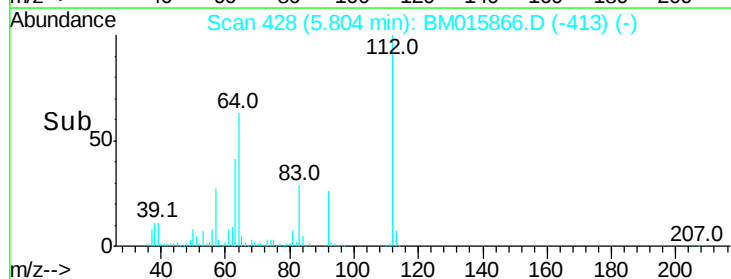
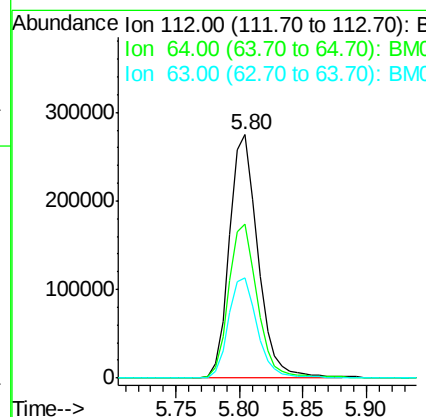
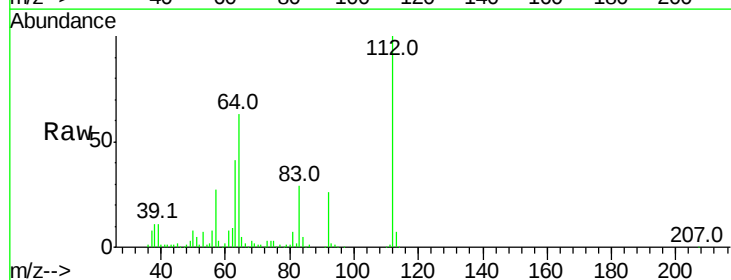
Tot Ion:152 Resp: 51646
Ion Ratio Lower Upper
152 100
150 157.8 119.5 179.3
115 67.8 43.0 64.4#



#5

2-Fluorophenol
Concen: Below ng
RT: 5.80 min Scan# 428
Delta R.T. -0.01 min
Lab File: BM015866.D
Acq: 10 Jul 2018 06:09

Tgt Ion:112 Resp: 429295
Ion Ratio Lower Upper
112 100
64 63.0 38.6 57.8#
63 41.2 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: BM015866.D

Acq: 10 Jul 2018 06:09

Instrument :

BNA_M

ClientSampled :

TP-9-S

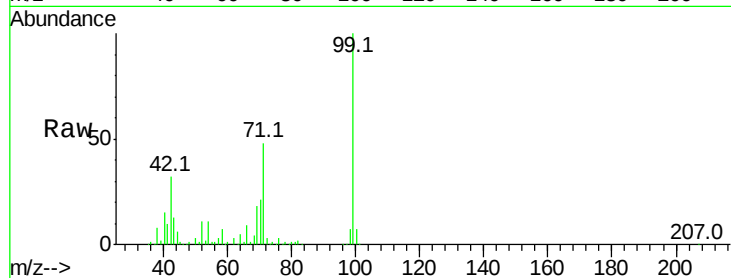
Tot Ion: 99 Resp: 482909

Ion Ratio Lower Upper

99 100

42 32.4 11.0 16.4#

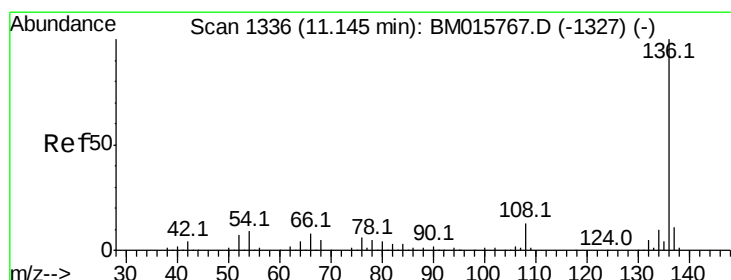
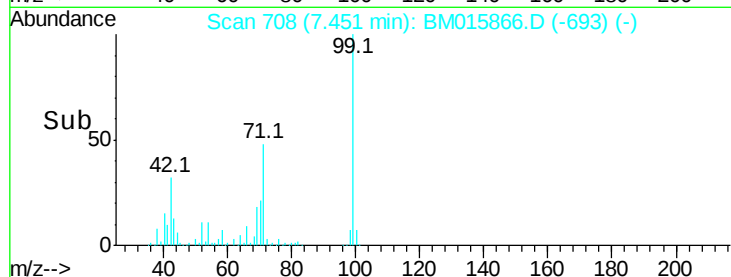
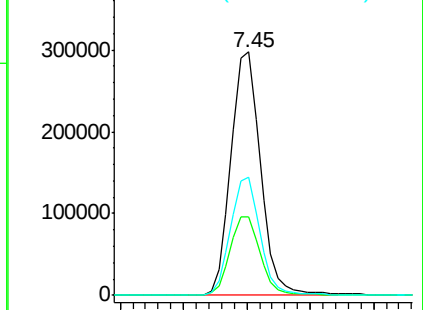
71 48.4 23.4 35.2#



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: 11.13 min Scan# 1333

Delta R.T. -0.02 min

Lab File: BM015866.D

Acq: 10 Jul 2018 06:09

Tgt Ion: 136 Resp: 201120

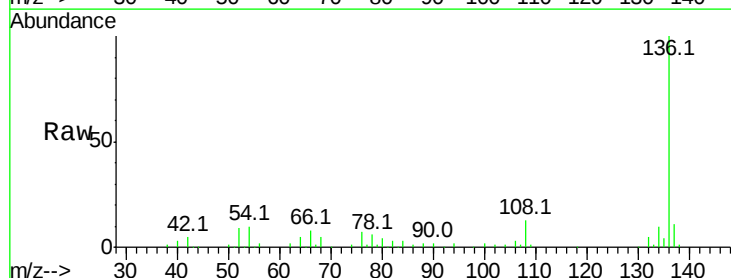
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 9.6 4.6 6.8#

68 4.8 3.7 5.5

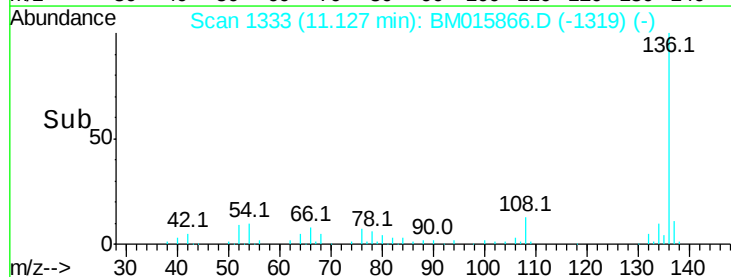
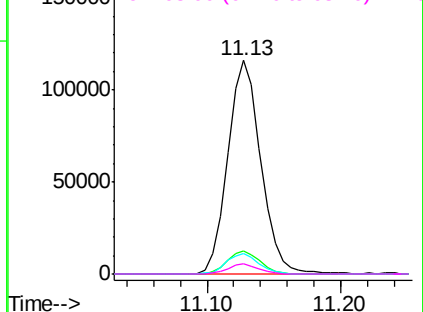


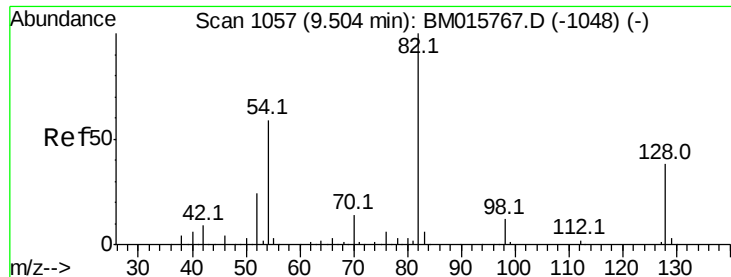
Abundance Ion 136.00 (135.70 to 136.70): BM015767.D (-1327) (-)

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) (-)

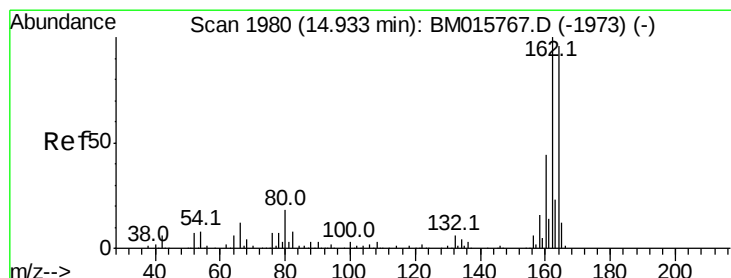
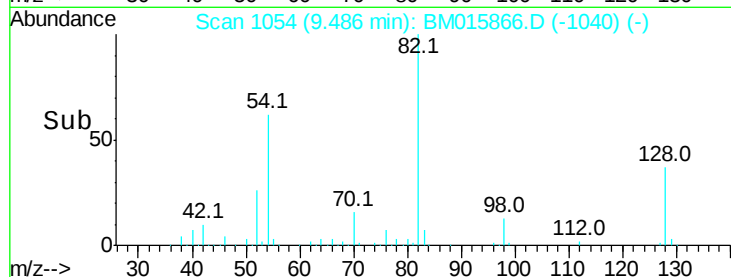
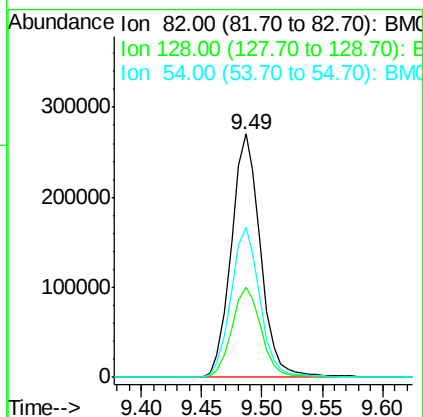
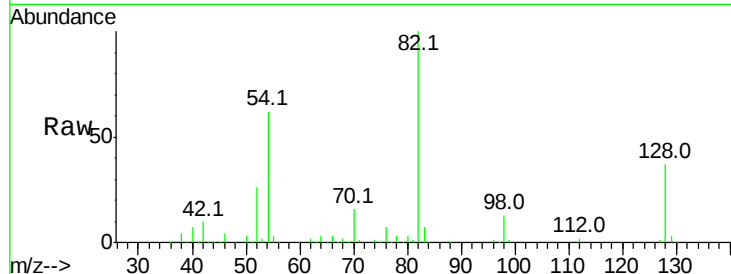




#23
 Nitrobenzene-d5
 Concen: Below na
 RT: 9.49 min Scan# 1054
 Delta R.T. -0.02 min
 Lab File: BM015866.D
 Acq: 10 Jul 2018 06:09

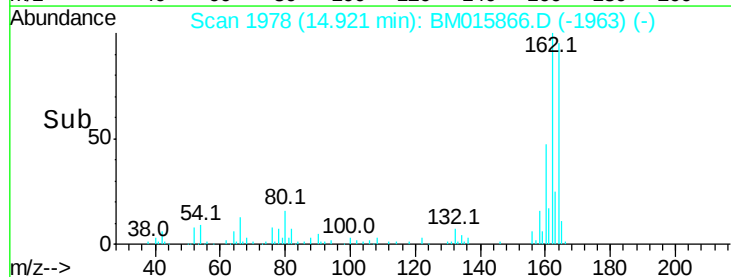
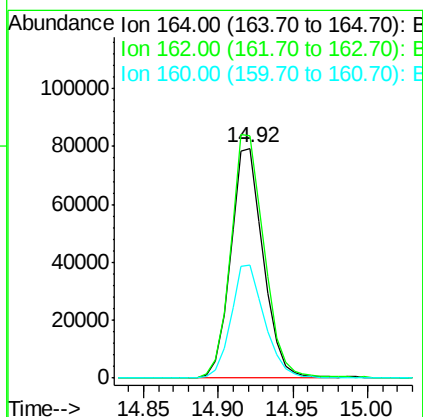
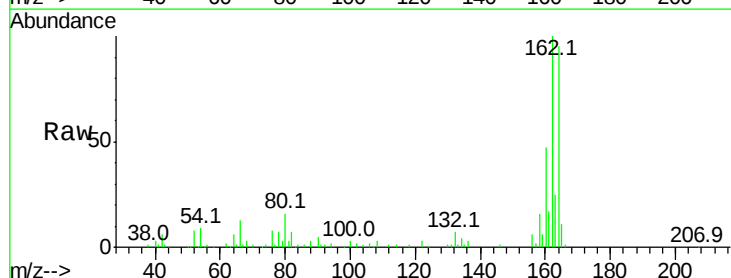
Instrument :
 BNA_M
 ClientSampleId :
 TP-9-S

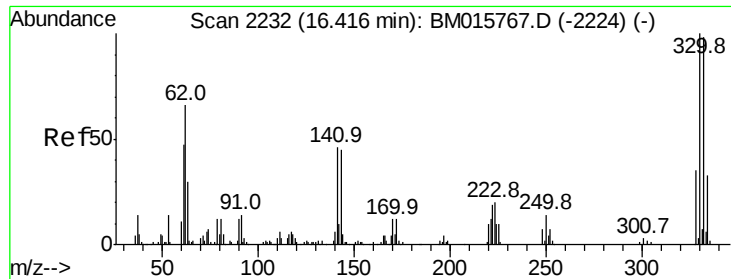
Tot Ion: 82 Resp: 455817
 Ion Ratio Lower Upper
 82 100
 128 37.1 32.8 49.2
 54 61.7 40.6 60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.92 min Scan# 1978
 Delta R.T. -0.01 min
 Lab File: BM015866.D
 Acq: 10 Jul 2018 06:09

Tgt Ion: 164 Resp: 120766
 Ion Ratio Lower Upper
 164 100
 162 105.4 82.4 123.6
 160 49.2 35.8 53.6

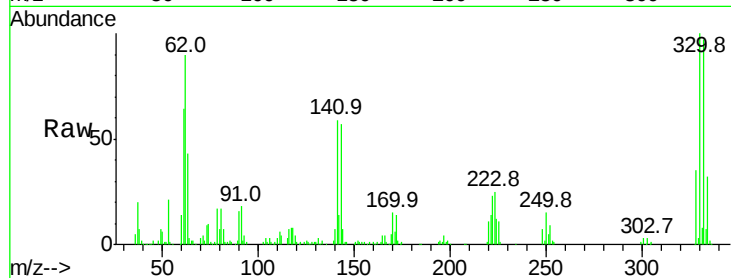




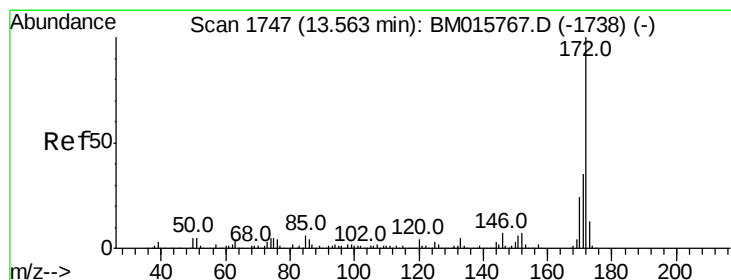
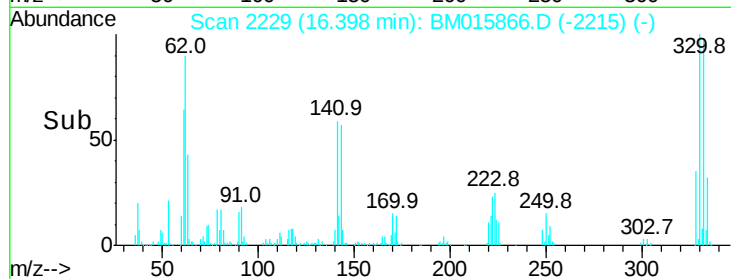
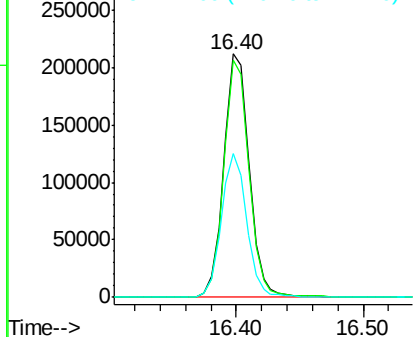
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.40 min Scan# 2229
 Delta R.T. -0.02 min
 Lab File: BM015866.D
 Acq: 10 Jul 2018 06:09

Instrument :
 BNA_M
 ClientSampleId :
 TP-9-S

Tot Ion:330 Resp: 295197
 Ion Ratio Lower Upper
 330 100
 332 96.4 0.0 0.0#
 141 59.0 0.0 0.0#

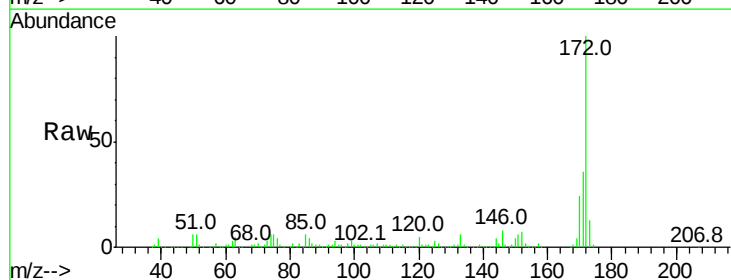


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

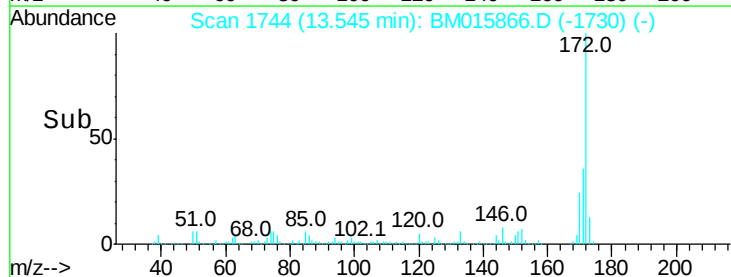
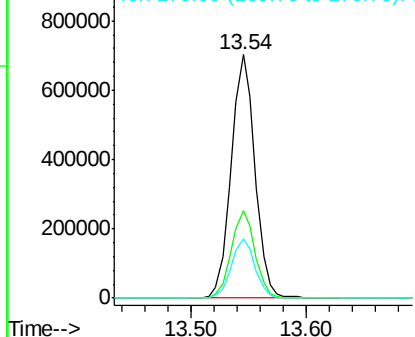


#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.54 min Scan# 1744
 Delta R.T. -0.02 min
 Lab File: BM015866.D
 Acq: 10 Jul 2018 06:09

Tgt Ion:172 Resp: 1001198
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.5 42.7
 170 24.2 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

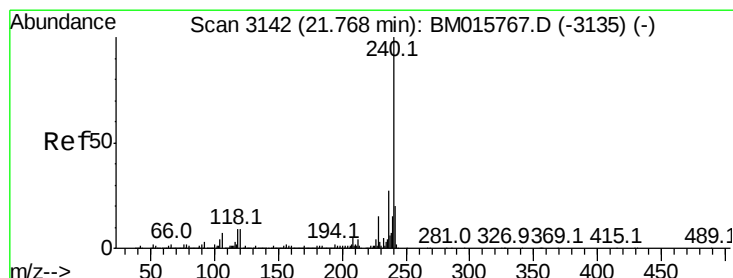
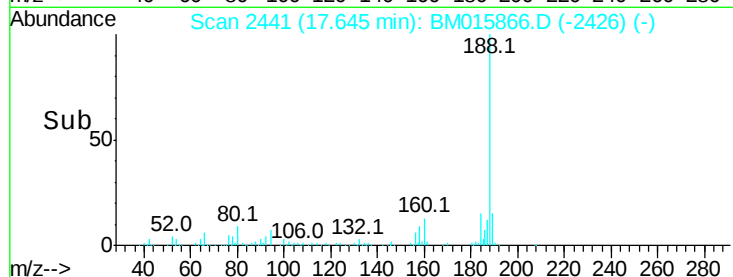
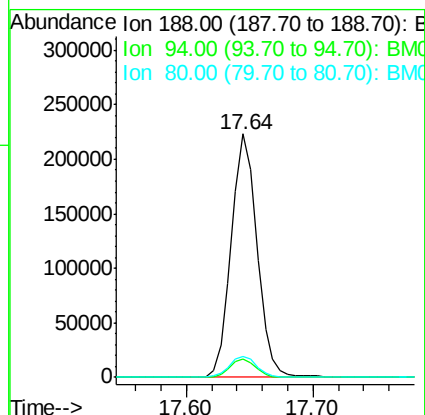
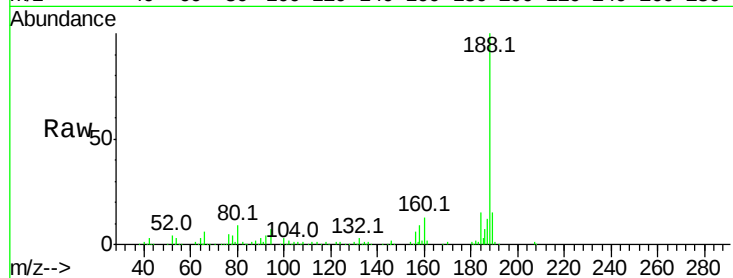




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.64 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BM015866.D
Acq: 10 Jul 2018 06:09

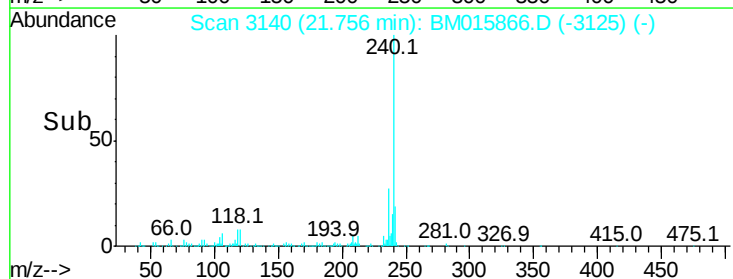
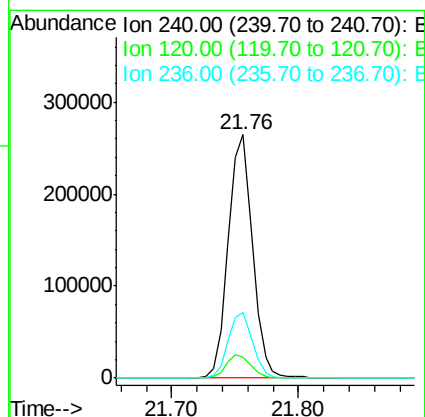
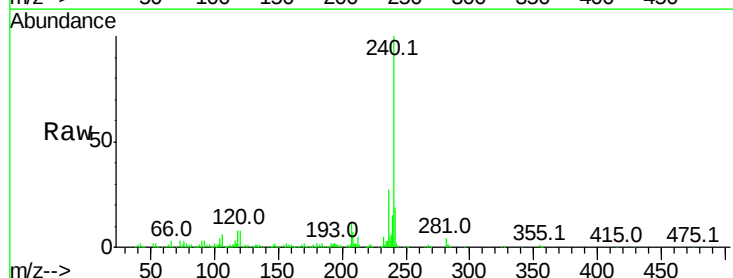
Instrument :
BNA_M
ClientSampleId :
TP-9-S

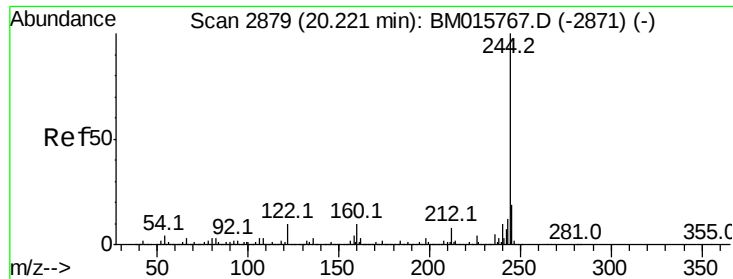
Tot Ion:188 Resp: 314764
Ion Ratio Lower Upper
188 100
94 7.4 8.7 13.1#
80 8.7 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BM015866.D
Acq: 10 Jul 2018 06:09

Tgt Ion:240 Resp: 351165
Ion Ratio Lower Upper
240 100
120 8.4 8.2 12.2
236 26.8 20.0 30.0

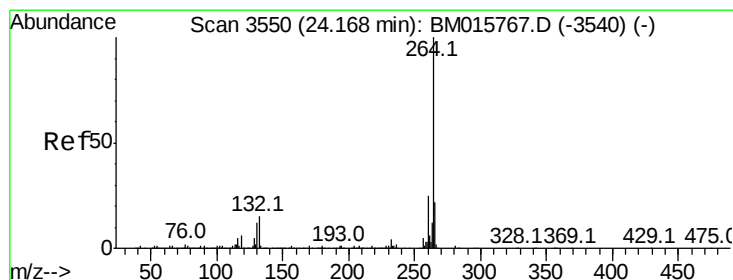
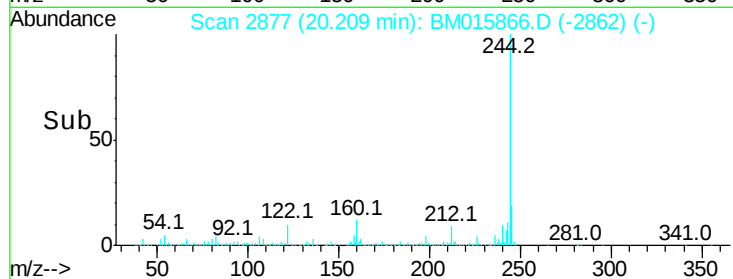
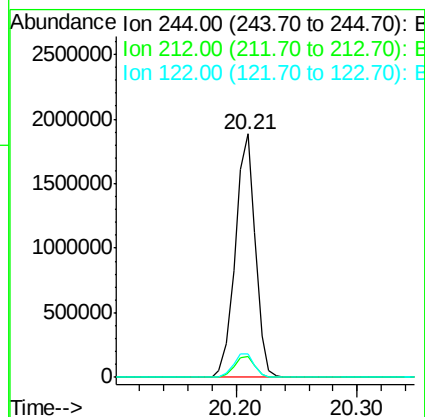
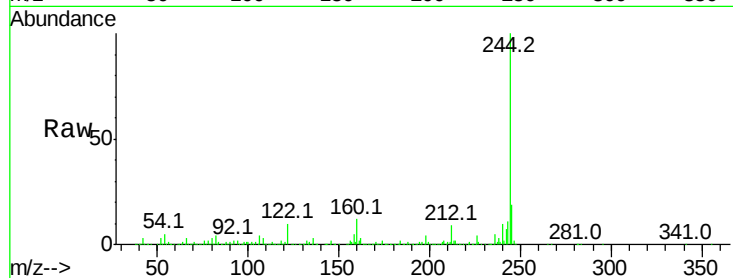




#78
 Terphenyl-d14
 Concen: Below na
 RT: 20.21 min Scan# 2877
 Delta R.T. -0.01 min
 Lab File: BM015866.D
 Acq: 10 Jul 2018 06:09

Instrument :
 BNA_M
 ClientSampleId :
 TP-9-S

Tot Ion:244 Resp: 2174834
 Ion Ratio Lower Upper
 244 100
 212 8.8 4.9 7.3#
 122 9.7 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.15 min Scan# 3547
 Delta R.T. -0.02 min
 Lab File: BM015866.D
 Acq: 10 Jul 2018 06:09

Tgt Ion:264 Resp: 339405
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.6 27.8
 265 22.9 17.3 25.9

