

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071218\
 Data File : BM015919.D
 Acq On : 12 Jul 2018 17:40
 Operator : SJ/JU
 Sample : J393104
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 12 23:05:56 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

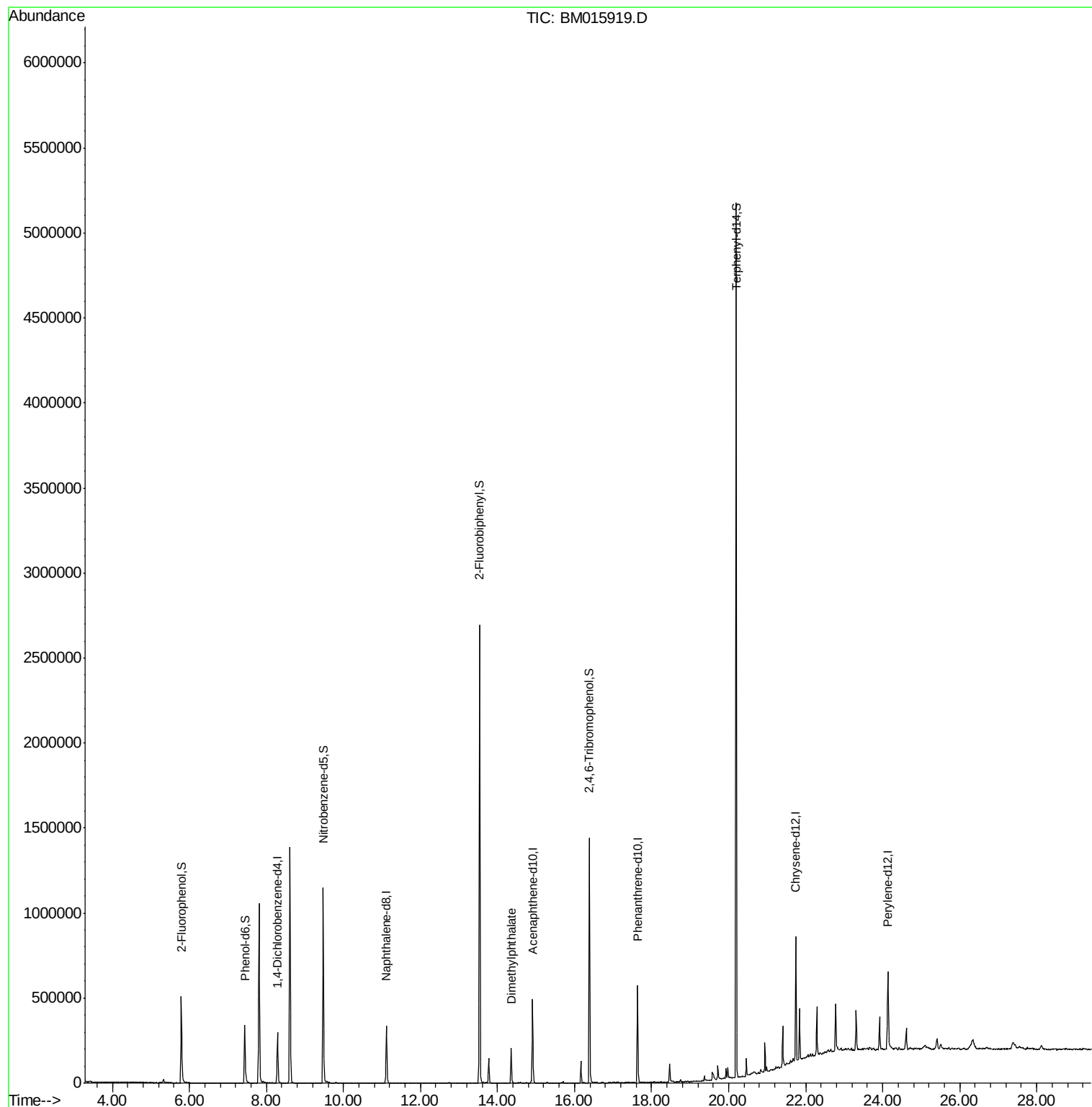
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	69201	20.00	ng	-0.03
21) Naphthalene-d8	11.12	136	254731	20.00	ng	-0.03
38) Acenaphthene-d10	14.91	164	140672	20.00	ng	-0.02
63) Phenanthrene-d10	17.63	188	292093	20.00	ng	-0.02
75) Chrysene-d12	21.74	240	298118	20.00	ng	-0.02
86) Perylene-d12	24.13	264	316373	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	189954	47.08	ng	-0.02
7) Phenol-d6	7.44	99	159880	28.94	ng	-0.02
23) Nitrobenzene-d5	9.47	82	593207	113.62	ng	-0.03
41) 2,4,6-Tribromophenol	16.39	330	179295	97.55	ng	-0.03
44) 2-Fluorobiphenyl	13.53	172	1134059	100.09	ng	-0.03
78) Terphenyl-d14	20.20	244	1837630	114.34	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.36	163	116147	9.362	ng	Qvalue 100

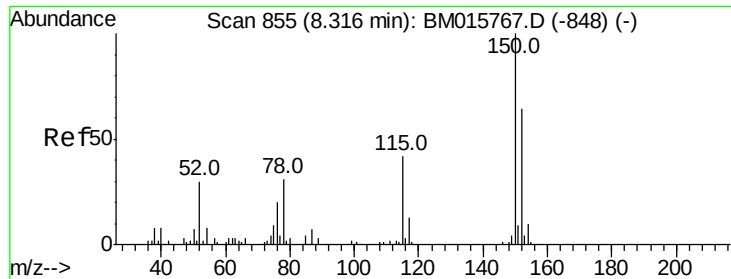
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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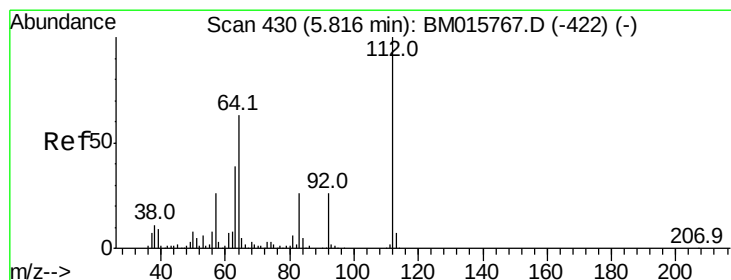
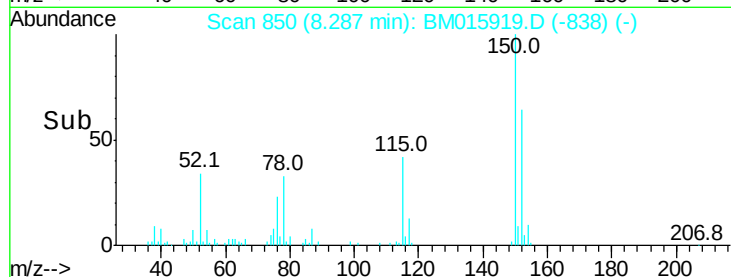
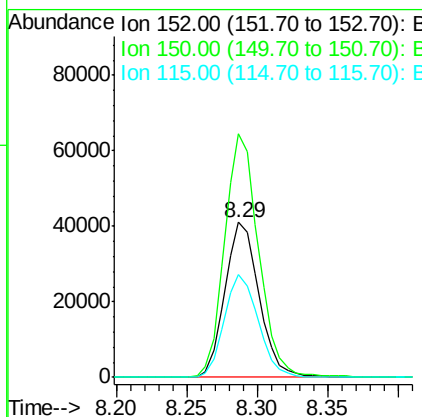
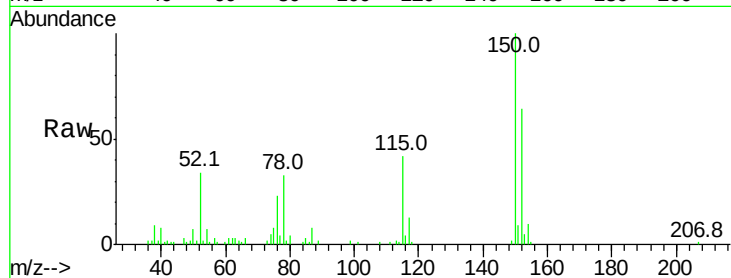


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 850
Delta R.T. -0.03 min
Lab File: BM015919.D
Acq: 12 Jul 2018 17:40

Instrument :
BNA_M
ClientSampleId :

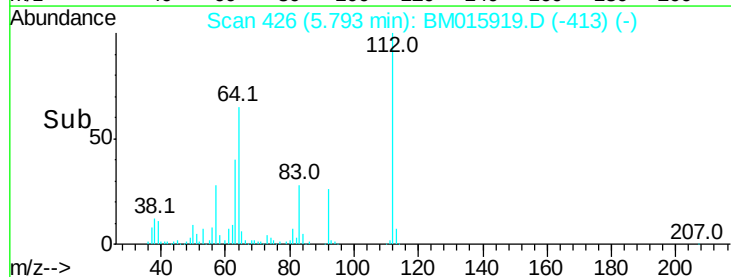
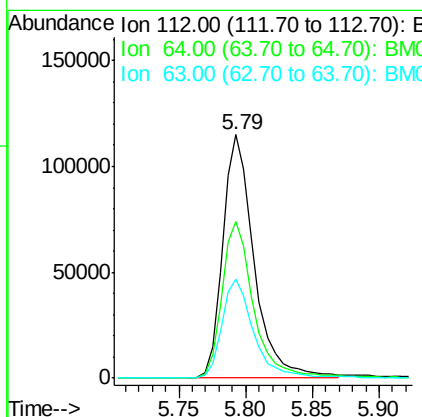
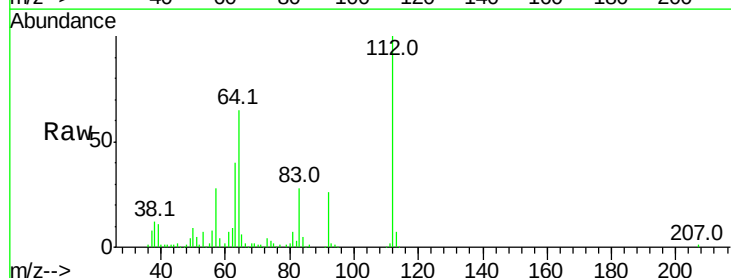
Tot Ion:152 Resp: 69201
Ion Ratio Lower Upper
152 100
150 157.2 119.5 179.3
115 66.0 43.0 64.4#

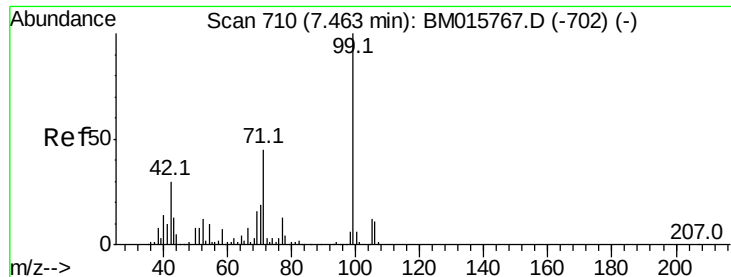


#5

2-Fluorophenol
Concen: N.D. ng
RT: 5.79 min Scan# 426
Delta R.T. -0.02 min
Lab File: BM015919.D
Acq: 12 Jul 2018 17:40

Tgt Ion:112 Resp: 189954
Ion Ratio Lower Upper
112 100
64 64.6 38.6 57.8#
63 40.5 19.3 28.9#





#7

Phenol-d6

Concen: N.D. ng

RT: 7.44 min Scan# 706

Delta R.T. -0.02 min

Lab File: BM015919.D

Acq: 12 Jul 2018 17:40

Instrument :

BNA_M

ClientSampleId :

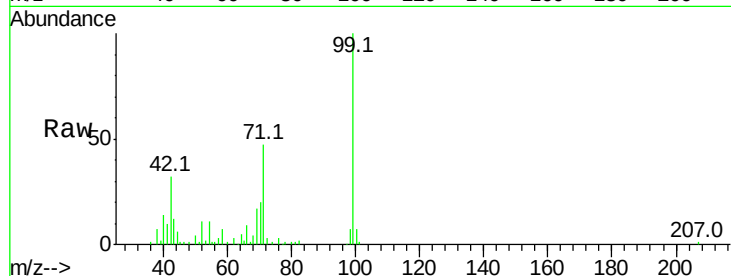
Tot Ion: 99 Resp: 159880

Ion Ratio Lower Upper

99 100

42 32.3 11.0 16.4#

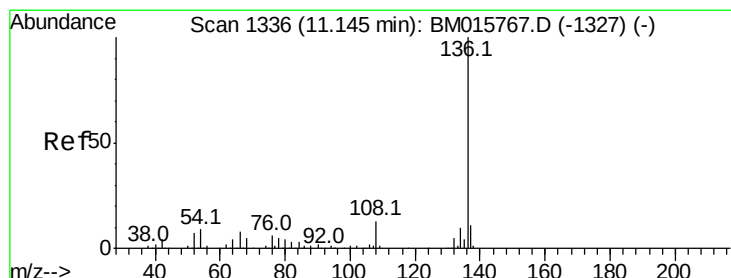
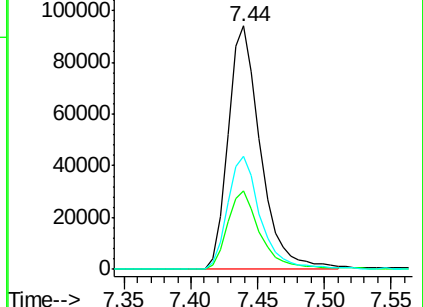
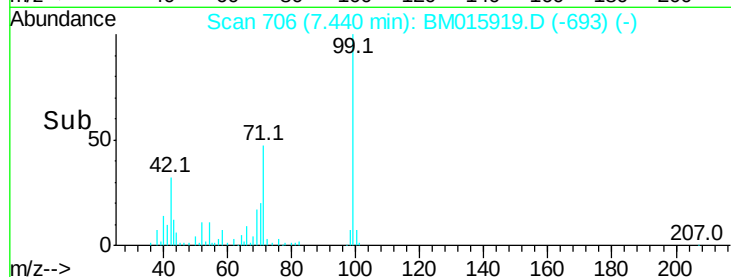
71 46.5 23.4 35.2#



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: 11.12 min Scan# 1331

Delta R.T. -0.03 min

Lab File: BM015919.D

Acq: 12 Jul 2018 17:40

Tgt Ion: 136 Resp: 254731

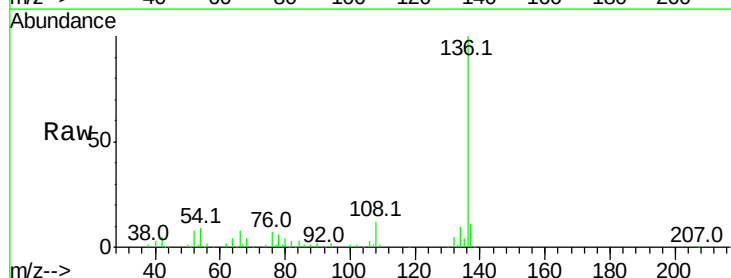
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 9.1 4.6 6.8#

68 4.4 3.7 5.5

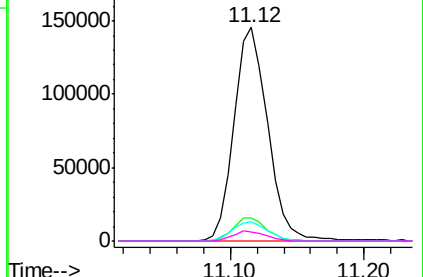
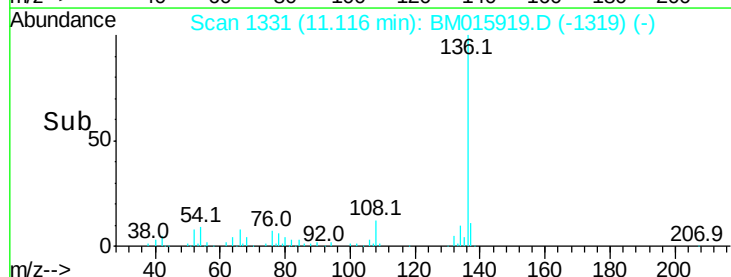


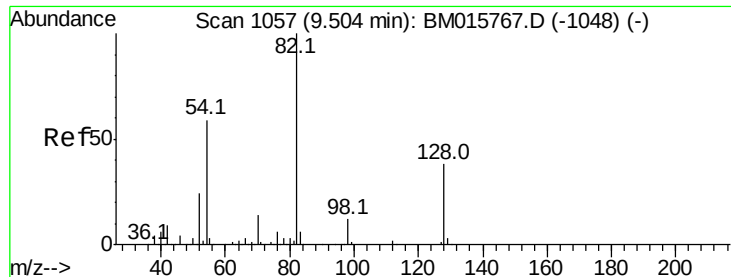
Abundance Ion 136.00 (135.70 to 136.70): BM015767.D (-1327) (-)

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) (-)

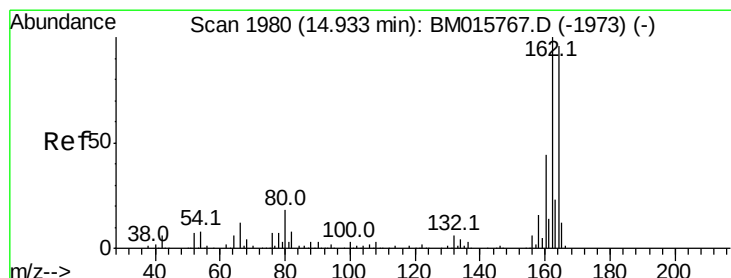
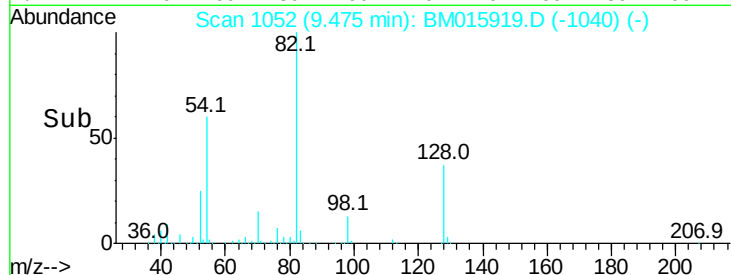
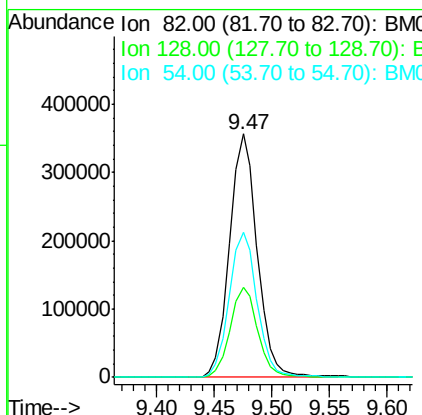
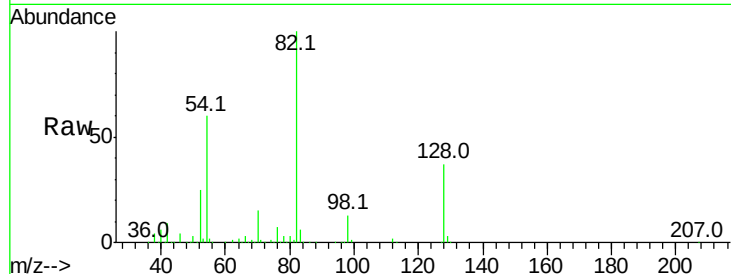




#23
 Nitrobenzene-d5
 Concen: N.D. ng
 RT: 9.47 min Scan# 1052
 Delta R.T. -0.03 min
 Lab File: BM015919.D
 Acq: 12 Jul 2018 17:40

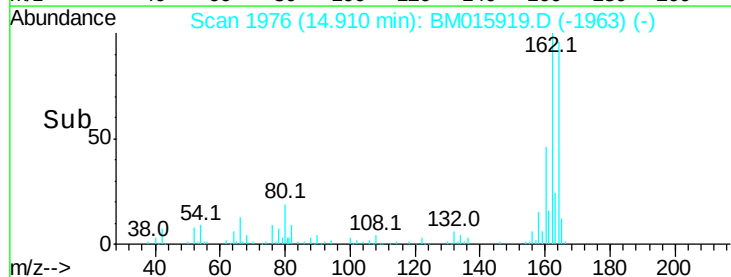
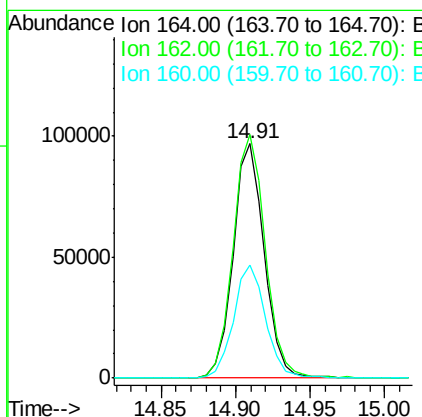
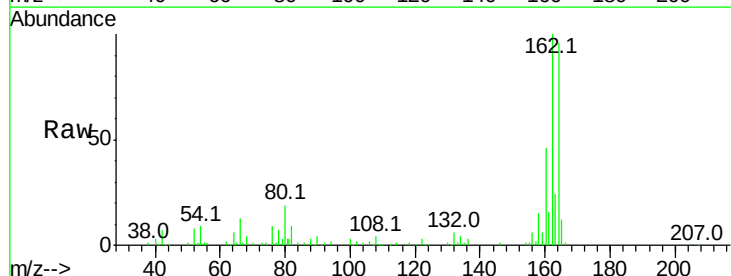
Instrument :
 BNA_M
 ClientSampled :

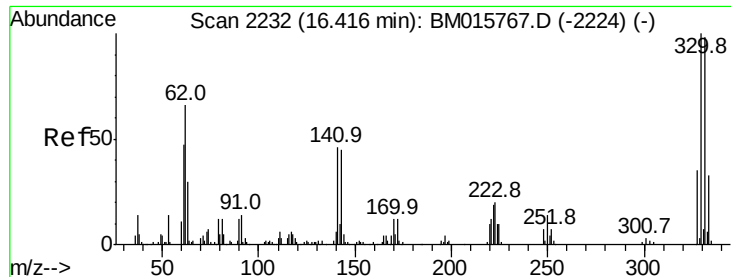
Tot Ion	82	Resp	593207
Ion	Ratio	Lower	Upper
82	100		
128	36.8	32.8	49.2
54	59.7	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.91 min Scan# 1976
 Delta R.T. -0.02 min
 Lab File: BM015919.D
 Acq: 12 Jul 2018 17:40

Tgt Ion	164	Resp	140672
Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.4	123.6
160	48.3	35.8	53.6

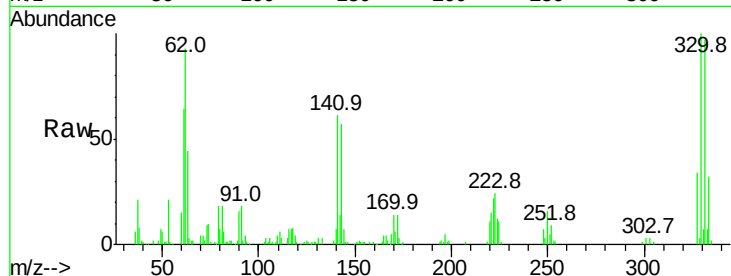




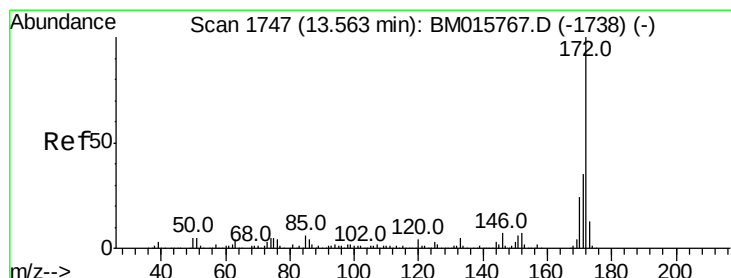
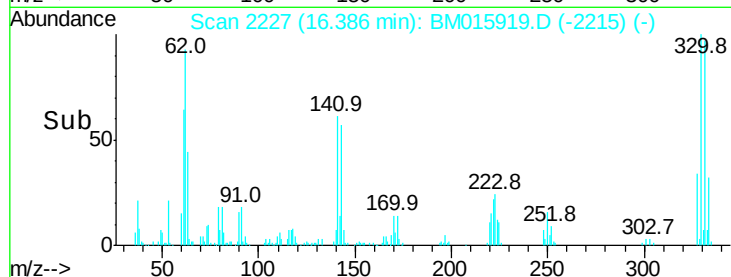
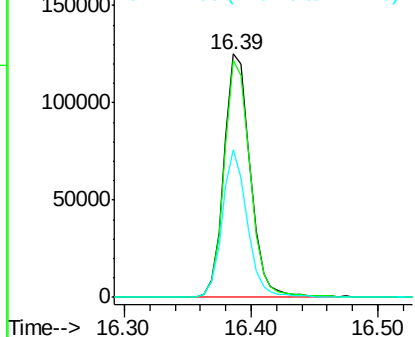
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.39 min Scan# 2227
 Delta R.T. -0.03 min
 Lab File: BM015919.D
 Acq: 12 Jul 2018 17:40

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 179295
 Ion Ratio Lower Upper
 330 100
 332 96.4 0.0 0.0#
 141 58.0 0.0 0.0#

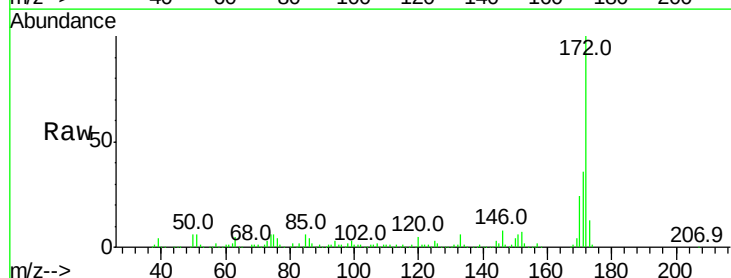


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

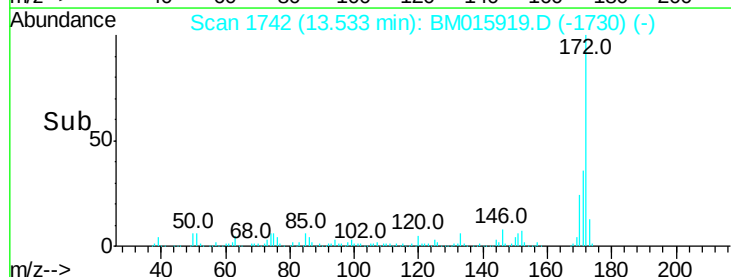
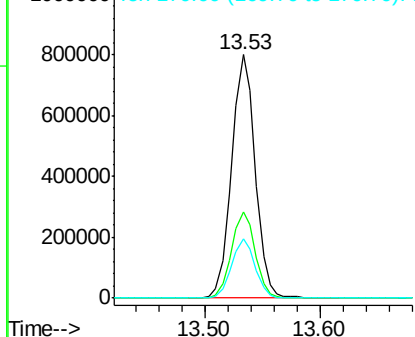


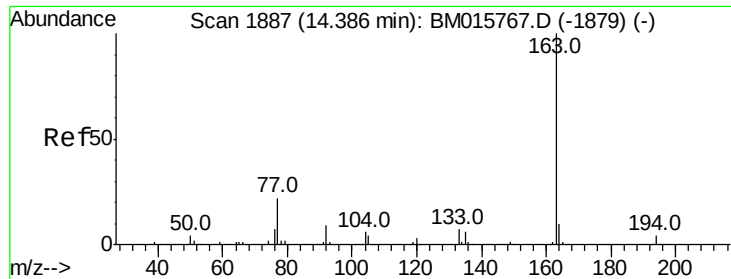
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.53 min Scan# 1742
 Delta R.T. -0.03 min
 Lab File: BM015919.D
 Acq: 12 Jul 2018 17:40

Tgt Ion:172 Resp: 1134059
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.5 42.7
 170 24.3 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





#49

Dimethylphthalate

Concen: 9.362 ng

RT: 14.36 min Scan# 1882

Delta R.T. -0.03 min

Lab File: BM015919.D

Acq: 12 Jul 2018 17:40

Instrument :

BNA_M

ClientSampled :

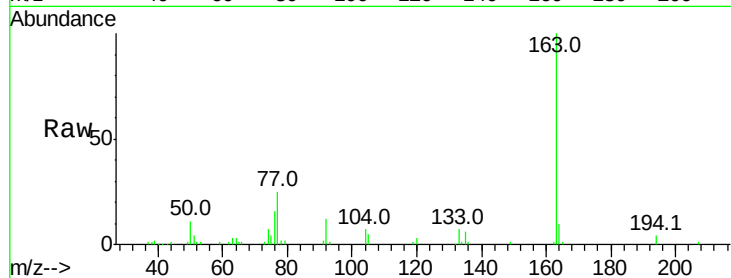
Tot Ion:163 Resp: 116147

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

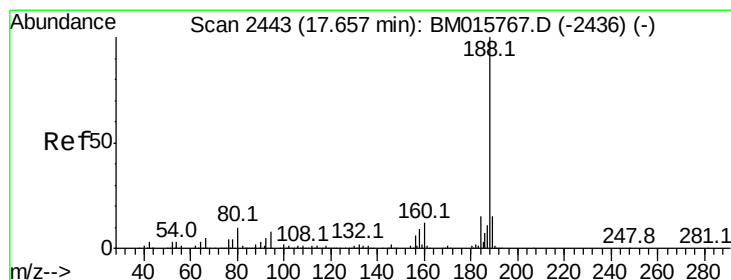
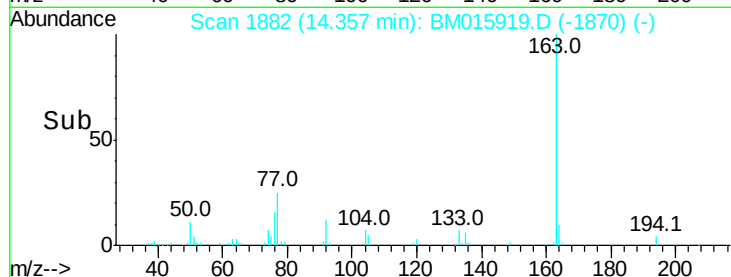
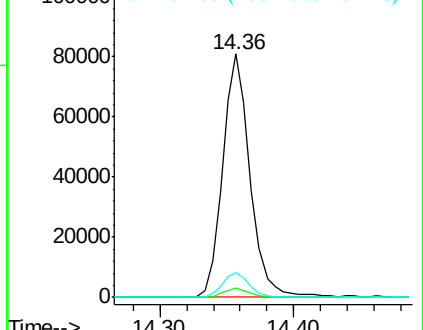
164 10.3 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.63 min Scan# 2439

Delta R.T. -0.02 min

Lab File: BM015919.D

Acq: 12 Jul 2018 17:40

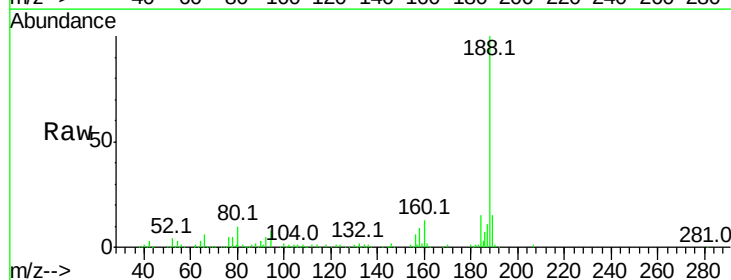
Tgt Ion:188 Resp: 292093

Ion Ratio Lower Upper

188 100

94 8.1 8.7 13.1#

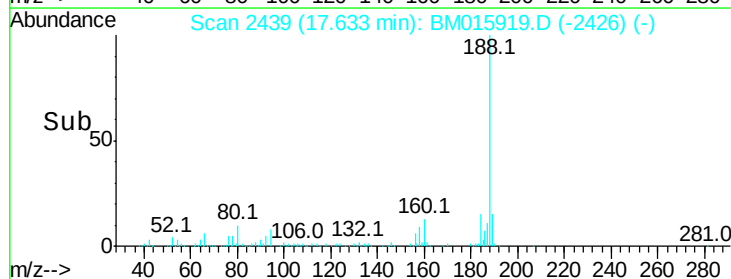
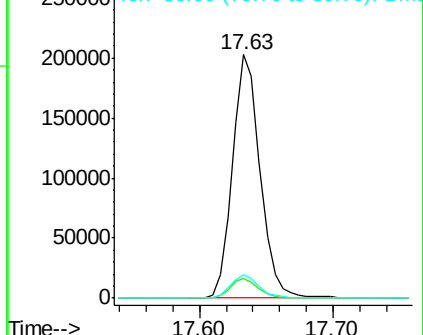
80 9.8 9.3 13.9

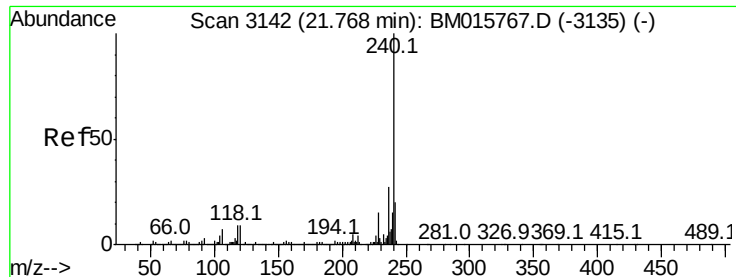


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.74 min Scan# 3138

Delta R.T. -0.02 min

Lab File: BM015919.D

Acq: 12 Jul 2018 17:40

Instrument :

BNA_M

ClientSampleId :

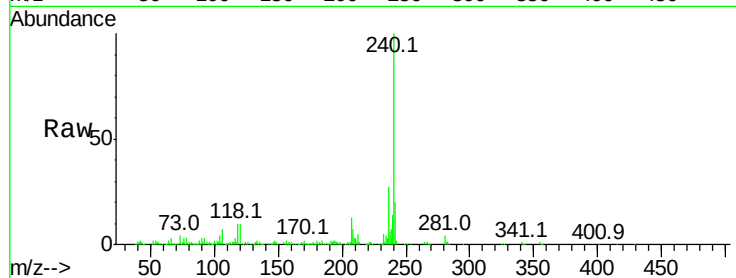
Tot Ion:240 Resp: 298118

Ion Ratio Lower Upper

240 100

120 10.3 8.2 12.2

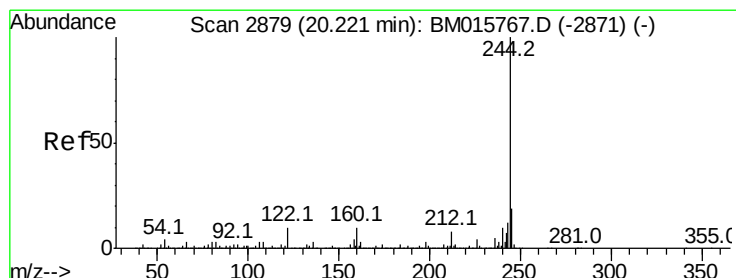
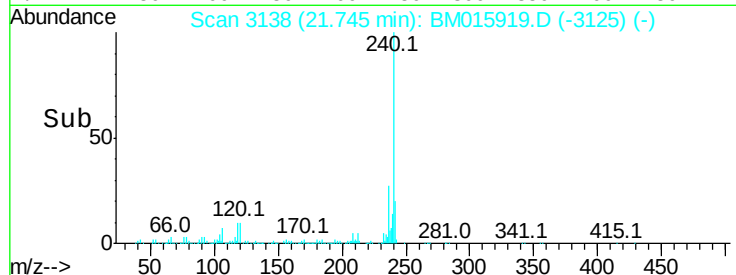
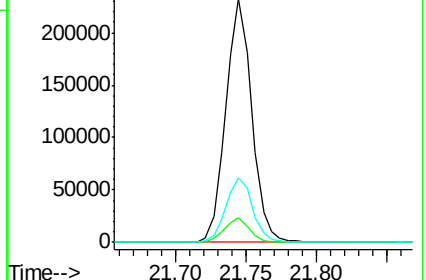
236 26.6 20.0 30.0



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: 20.20 min Scan# 2875

Delta R.T. -0.02 min

Lab File: BM015919.D

Acq: 12 Jul 2018 17:40

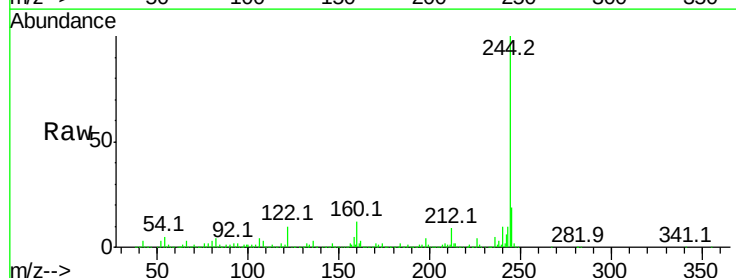
Tgt Ion:244 Resp: 1837630

Ion Ratio Lower Upper

244 100

212 8.7 4.9 7.3#

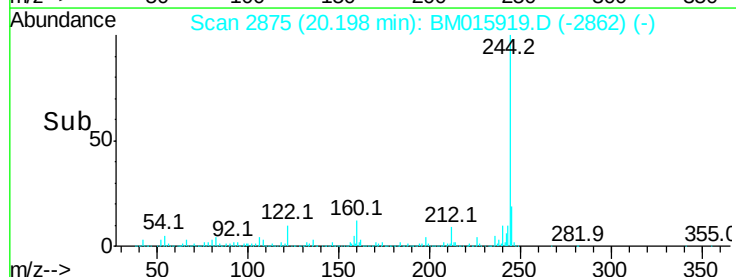
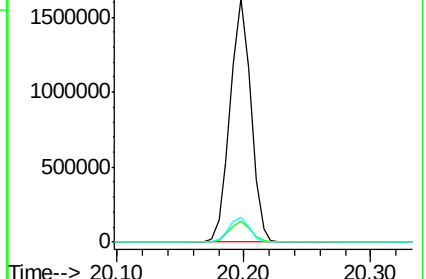
122 10.1 6.2 9.4#

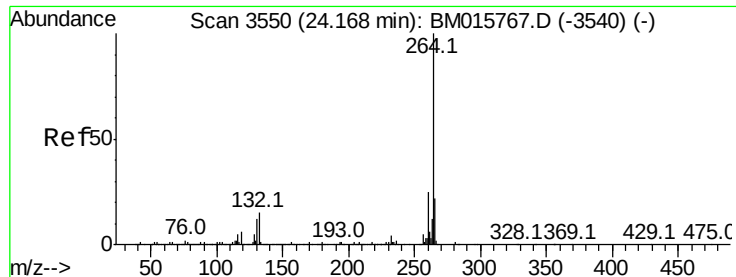


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

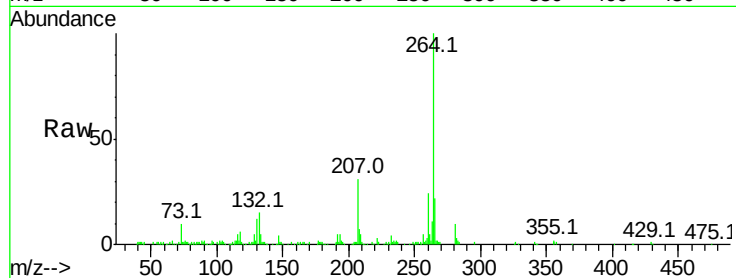




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.13 min Scan# 3544
 Delta R.T. -0.04 min
 Lab File: BM015919.D
 Acq: 12 Jul 2018 17:40

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.6	27.8
265	21.8	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

