

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071118\
 Data File : BM015915.D
 Acq On : 12 Jul 2018 15:12
 Operator : SJ/JU
 Sample : J3931-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 070918-DBRI-E-D-M

Quant Time: Jul 12 17:36:03 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

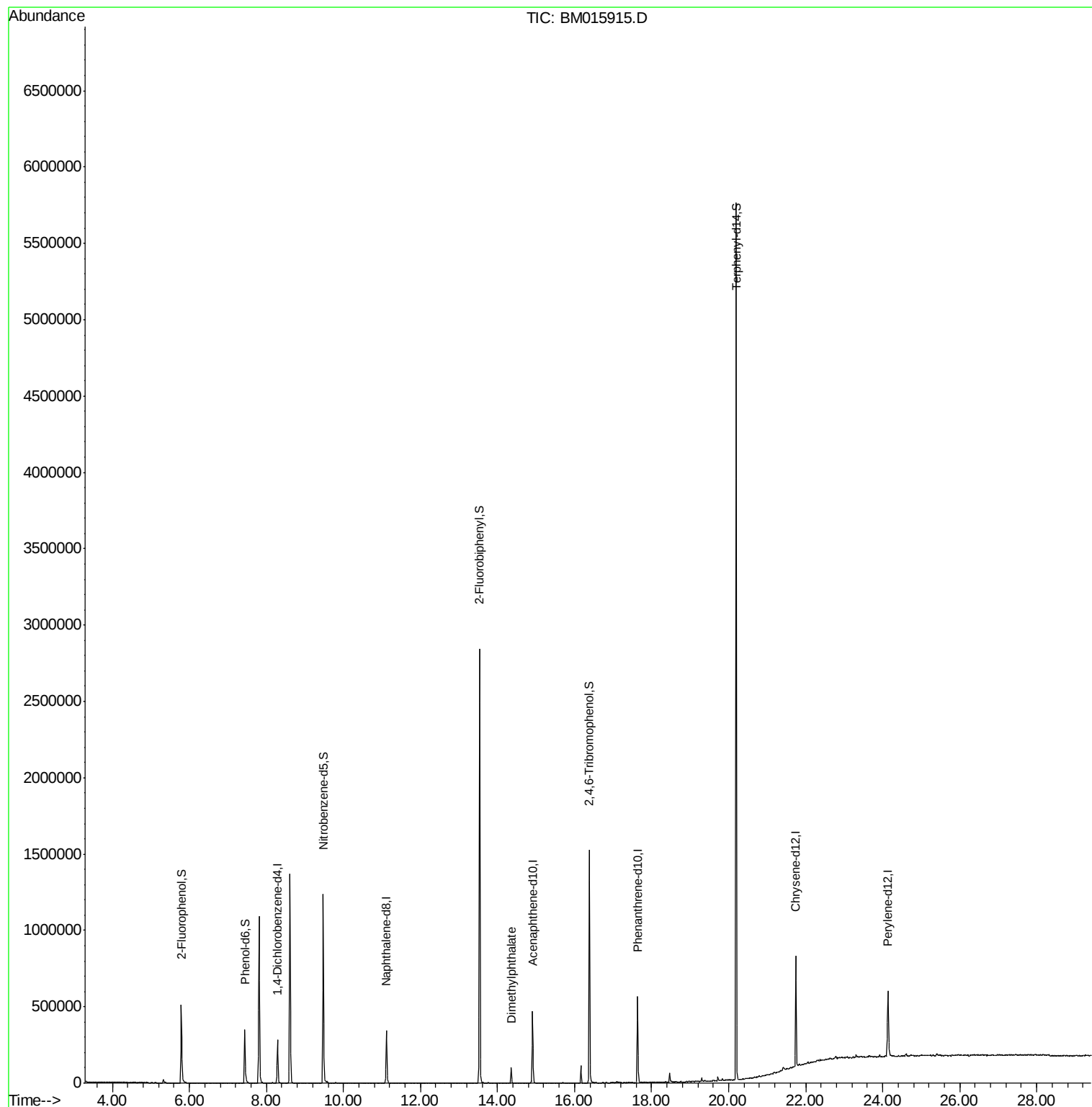
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	63923	20.00	ng	-0.03
21) Naphthalene-d8	11.12	136	252617	20.00	ng	-0.03
38) Acenaphthene-d10	14.91	164	136646	20.00	ng	-0.02
63) Phenanthrene-d10	17.63	188	294999	20.00	ng	-0.02
75) Chrysene-d12	21.74	240	298277	20.00	ng	-0.02
86) Perylene-d12	24.14	264	309706	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	189728	50.90	ng	-0.02
7) Phenol-d6	7.44	99	157488	30.86	ng	-0.02
23) Nitrobenzene-d5	9.47	82	628833	121.45	ng	-0.03
41) 2,4,6-Tribromophenol	16.39	330	185071	103.65	ng	-0.02
44) 2-Fluorobiphenyl	13.53	172	1177357	106.97	ng	-0.03
78) Terphenyl-d14	20.20	244	2028221	126.13	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.36	163	59735	4.957	ng	Qvalue 97

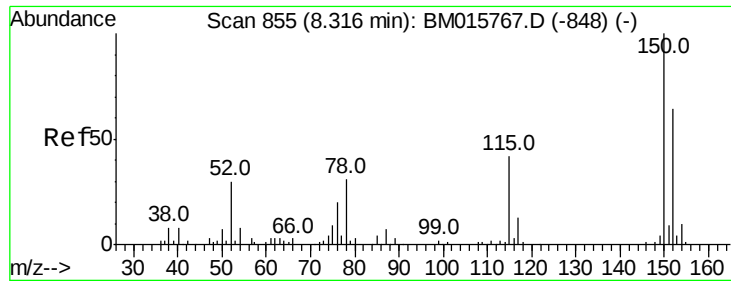
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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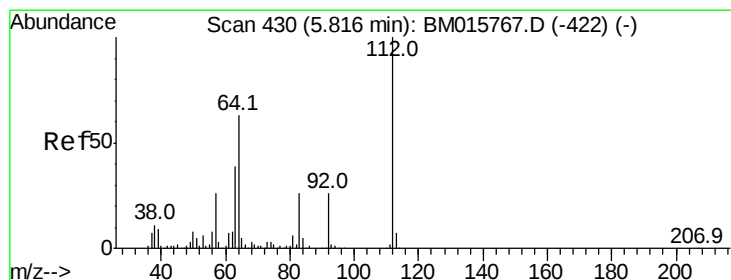
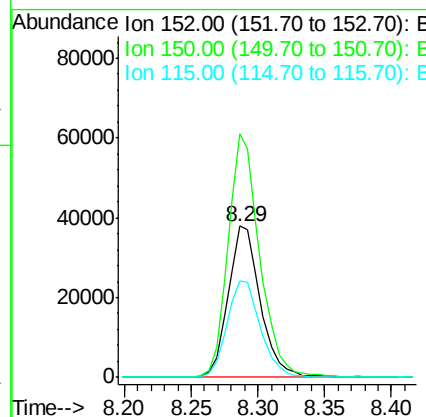
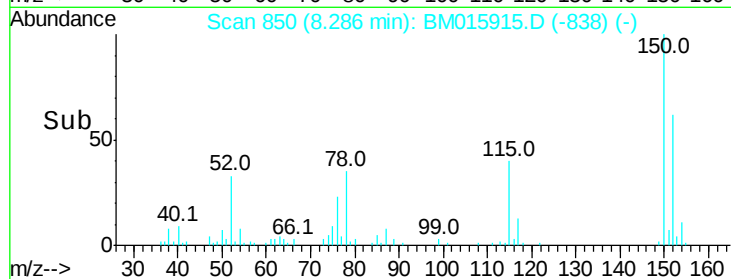
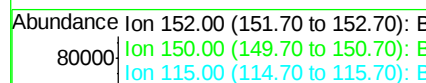
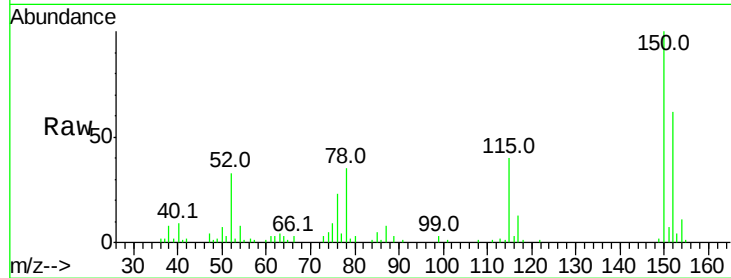


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 850
Delta R.T. -0.03 min
Lab File: BM015915.D
Acq: 12 Jul 2018 15:12

Instrument :
BNA_M
ClientSampleId :
070918-DBRI-E-D-M

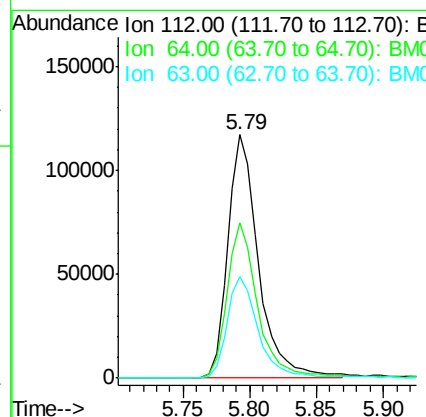
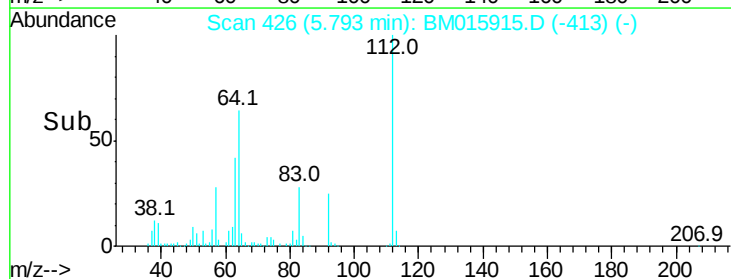
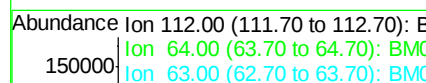
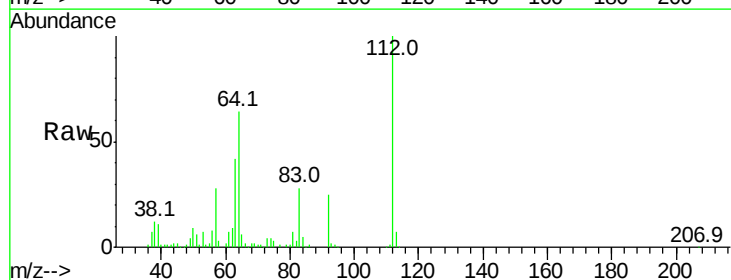
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.1	119.5	179.3
115	64.1	43.0	64.4



#5

2-Fluorophenol
Concen: N.D. ng
RT: 5.79 min Scan# 426
Delta R.T. -0.02 min
Lab File: BM015915.D
Acq: 12 Jul 2018 15:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.7	38.6	57.8#
63	41.7	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: BM015915.D

Acq: 12 Jul 2018 15:12

Instrument :

BNA_M

ClientSampleId :

070918-DBRI-E-D-M

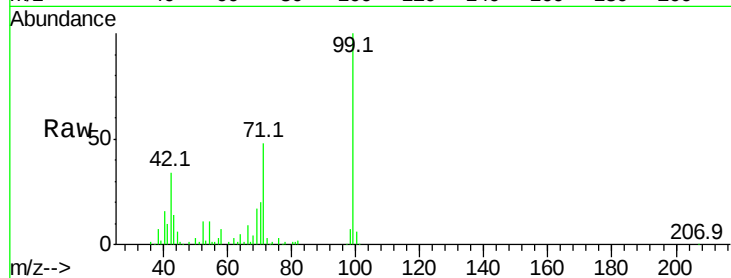
Tot Ion: 99 Resp: 157488

Ion Ratio Lower Upper

99 100

42 33.9 11.0 16.4#

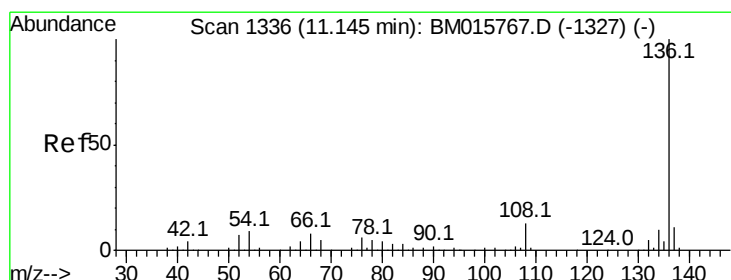
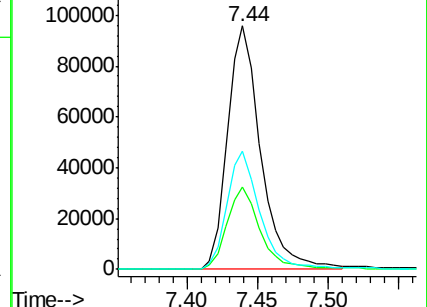
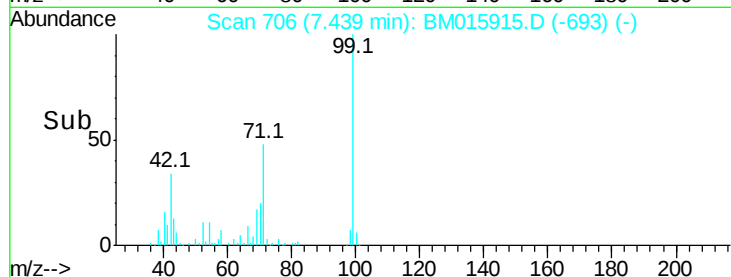
71 48.3 23.4 35.2#



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: BM015915.D

Acq: 12 Jul 2018 15:12

Tgt Ion: 136 Resp: 252617

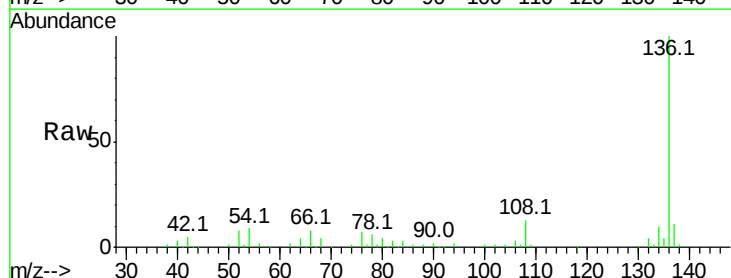
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 9.1 4.6 6.8#

68 4.4 3.7 5.5

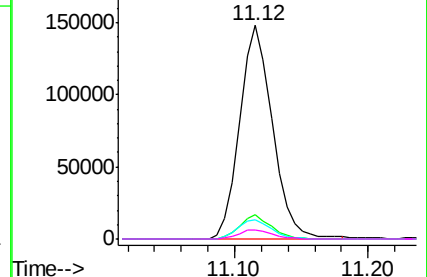
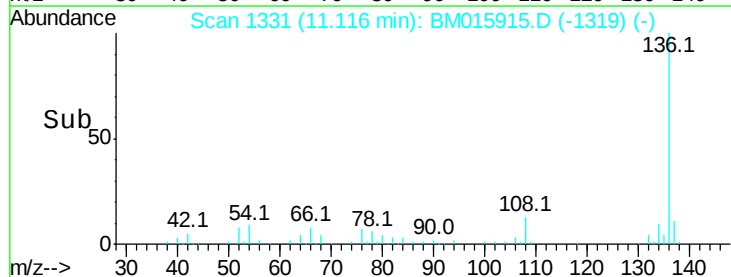


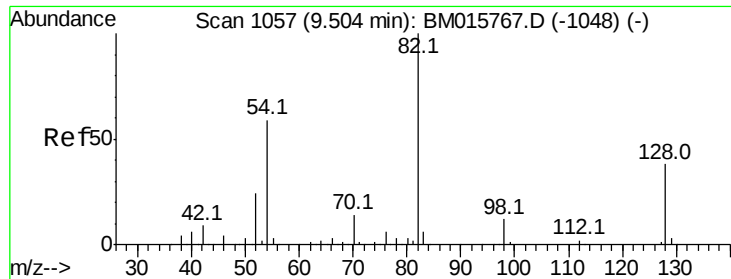
Abundance Ion 136.00 (135.70 to 136.70): BM015767.D (-1327) (-)

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) (-)

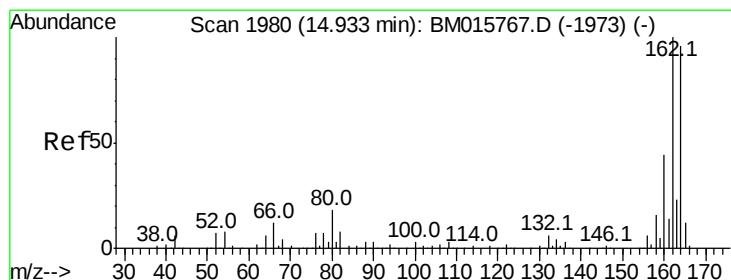
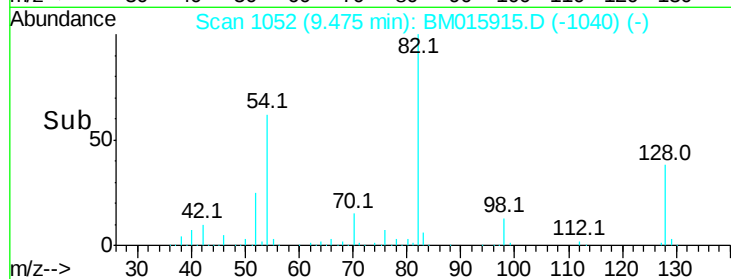
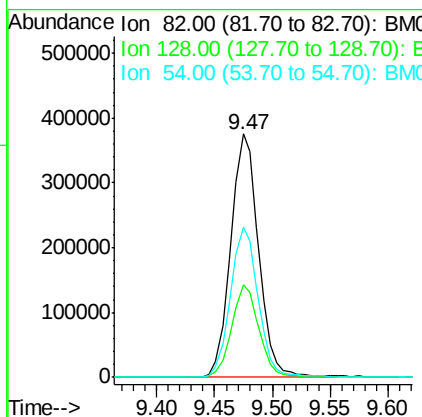
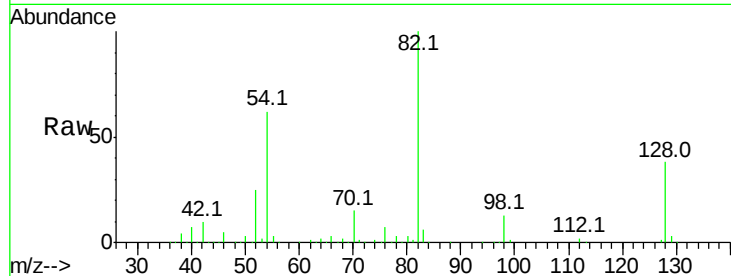




#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.47 min Scan# 1052
Delta R.T. -0.03 min
Lab File: BM015915.D
Acq: 12 Jul 2018 15:12

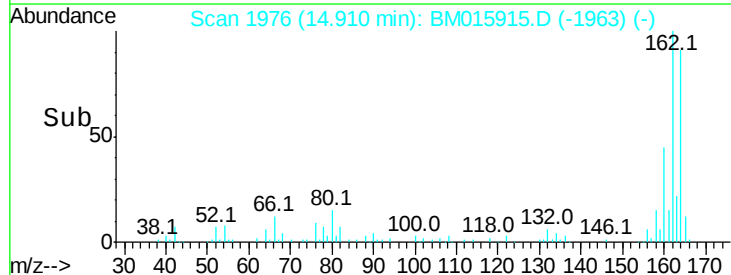
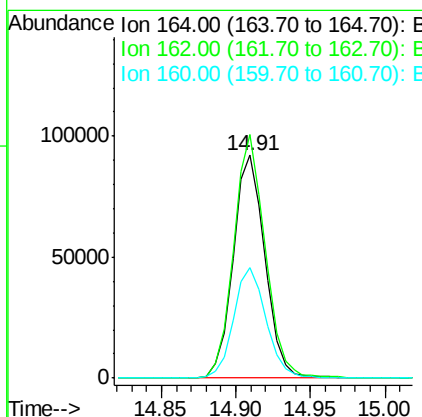
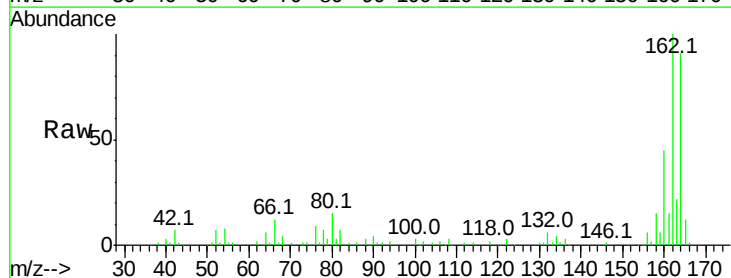
Instrument :
BNA_M
ClientSampleId :
070918-DBRI-E-D-M

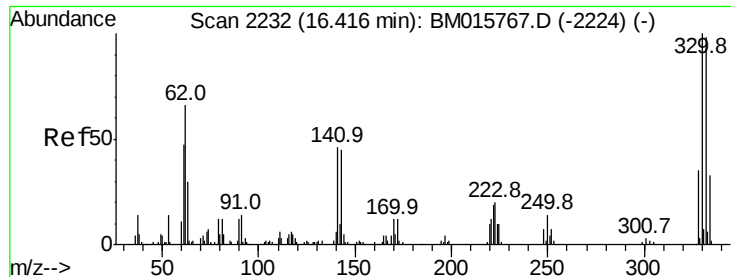
Tot Ion: 82 Resp: 628833
Ion Ratio Lower Upper
82 100
128 37.9 32.8 49.2
54 61.8 40.6 60.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.91 min Scan# 1976
Delta R.T. -0.02 min
Lab File: BM015915.D
Acq: 12 Jul 2018 15:12

Tgt Ion:164 Resp: 136646
Ion Ratio Lower Upper
164 100
162 109.3 82.4 123.6
160 49.7 35.8 53.6

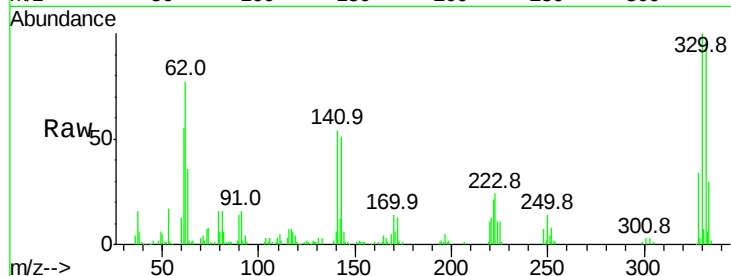




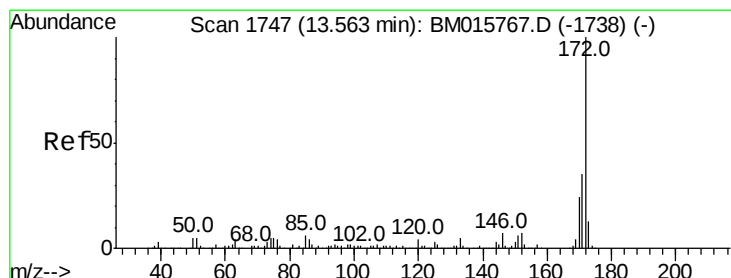
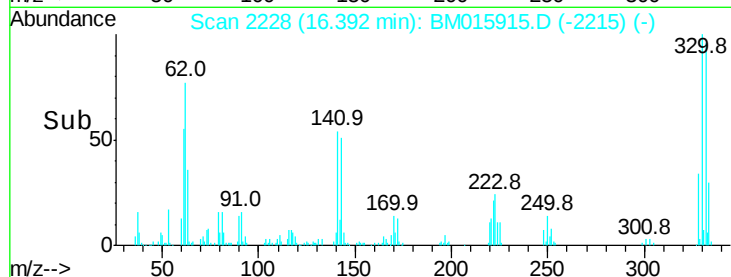
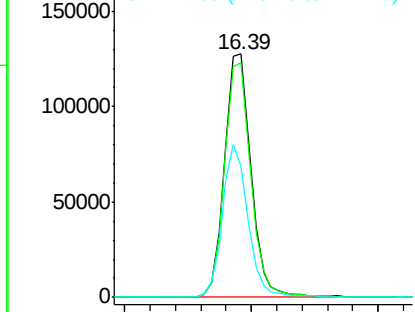
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.39 min Scan# 2228
 Delta R.T. -0.02 min
 Lab File: BM015915.D
 Acq: 12 Jul 2018 15:12

Instrument :
 BNA_M
 ClientSampleId :
 070918-DBRI-E-D-M

Tot Ion:330 Resp: 185071
 Ion Ratio Lower Upper
 330 100
 332 96.1 0.0 0.0#
 141 60.4 0.0 0.0#

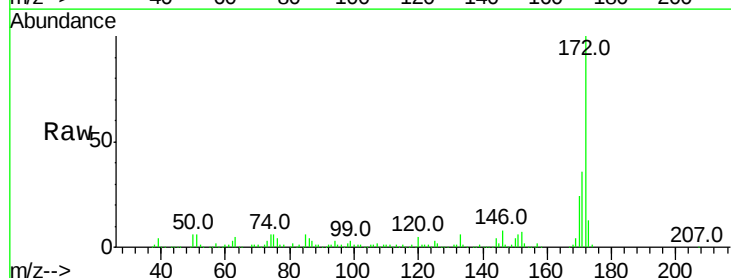


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

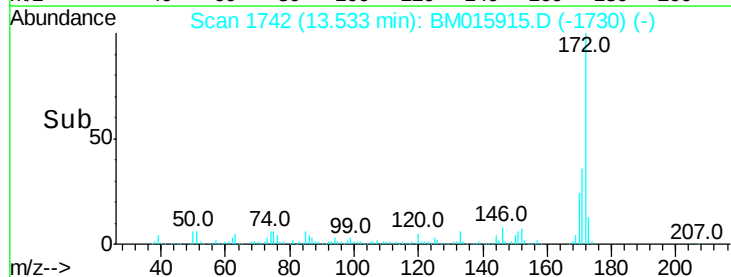
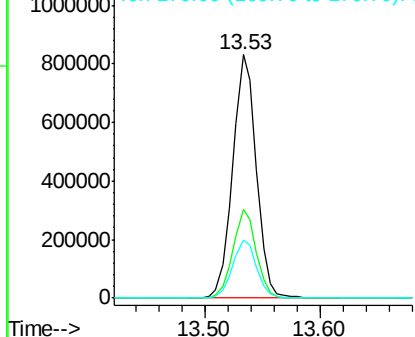


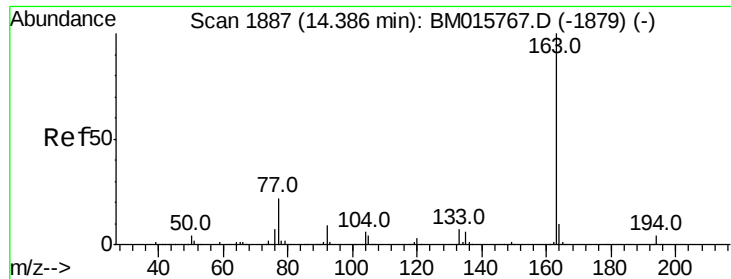
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.53 min Scan# 1742
 Delta R.T. -0.03 min
 Lab File: BM015915.D
 Acq: 12 Jul 2018 15:12

Tgt Ion:172 Resp: 1177357
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.5 42.7
 170 24.1 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: 4.957 ng

RT: 14.36 min Scan# 1882

Delta R.T. -0.03 min

Lab File: BM015915.D

Acq: 12 Jul 2018 15:12

Instrument :

BNA_M

ClientSampleId :

070918-DBRI-E-D-M

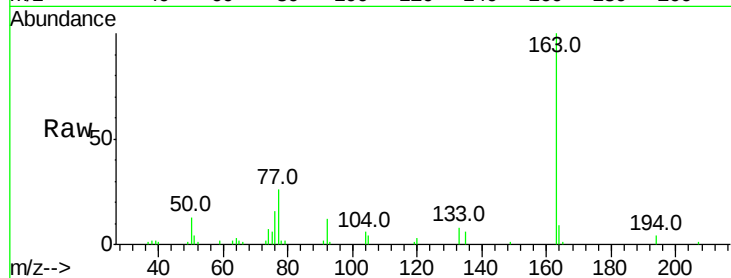
Tot Ion:163 Resp: 59735

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

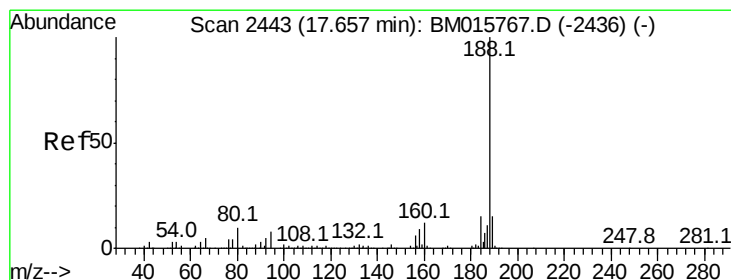
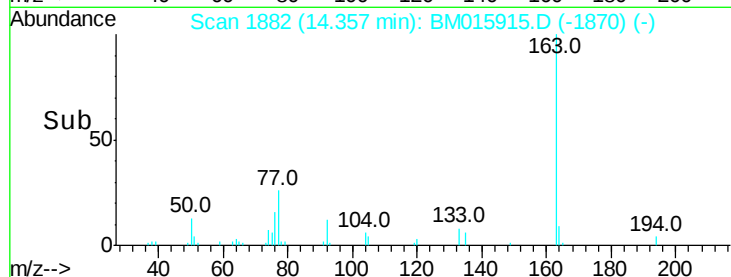
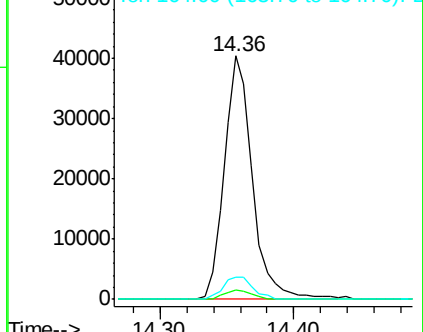
164 9.0 8.2 12.2



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: BM015915.D

Acq: 12 Jul 2018 15:12

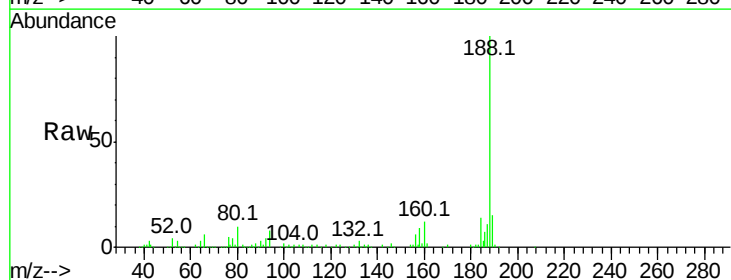
Tgt Ion:188 Resp: 294999

Ion Ratio Lower Upper

188 100

94 7.6 8.7 13.1#

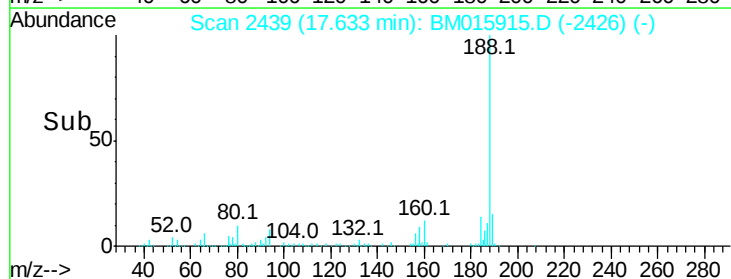
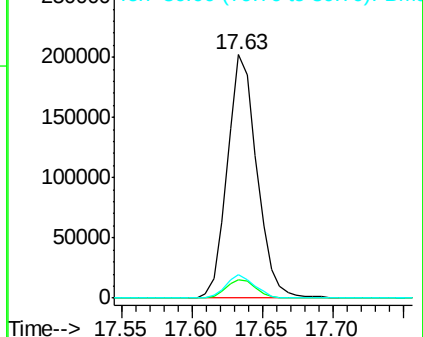
80 9.6 9.3 13.9

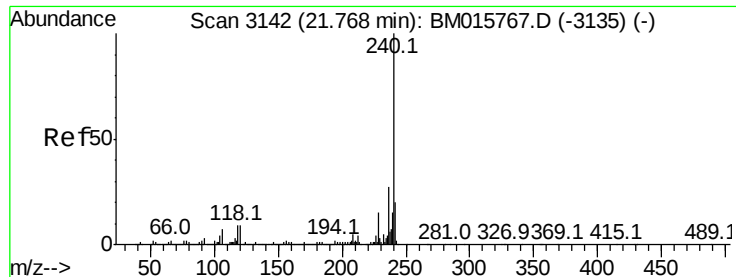


Abundance Ion 188.00 (187.70 to 188.70): E

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: BM015915.D

Acq: 12 Jul 2018 15:12

Instrument :

BNA_M

ClientSampleId :

070918-DBRI-E-D-M

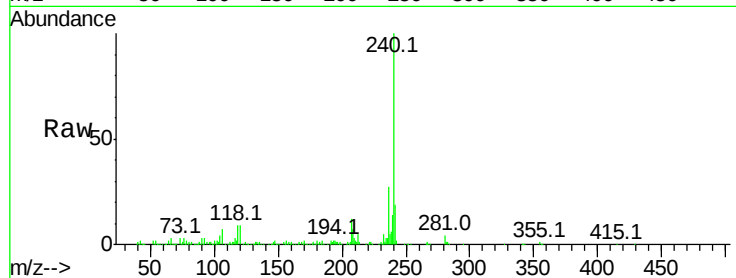
Tot Ion:240 Resp: 298277

Ion	Ratio	Lower	Upper
240	100		
120	9.1	8.2	12.2
236	26.8	20.0	30.0

240 100

120 9.1 8.2 12.2

236 26.8 20.0 30.0

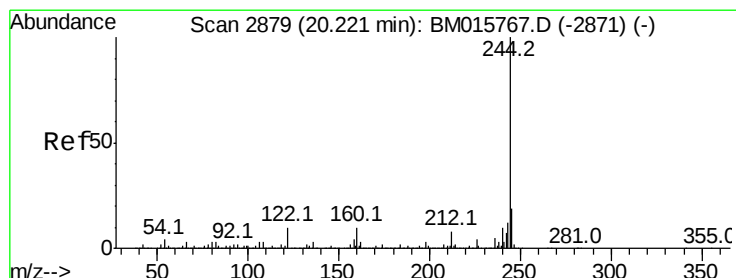
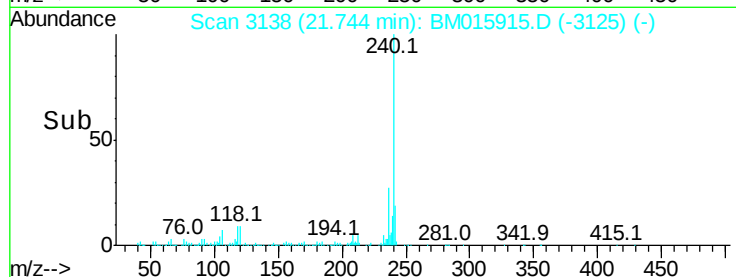
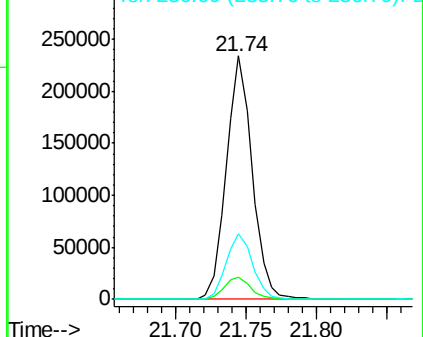


Abundance

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: BM015915.D

Acq: 12 Jul 2018 15:12

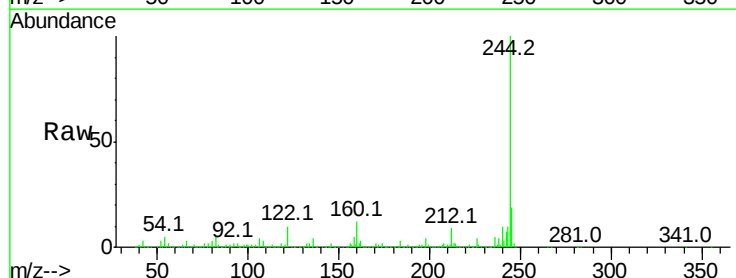
Tgt Ion:244 Resp: 2028221

Ion	Ratio	Lower	Upper
244	100		
212	8.7	4.9	7.3#
122	10.2	6.2	9.4#

244 100

212 8.7 4.9 7.3#

122 10.2 6.2 9.4#

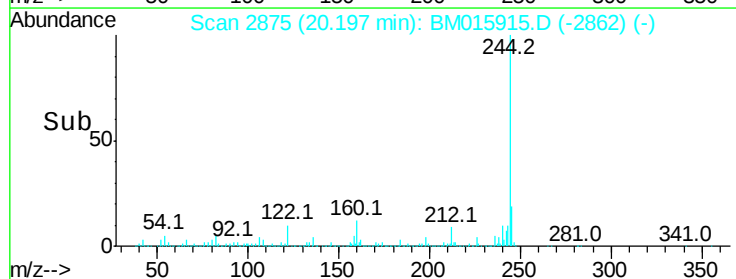
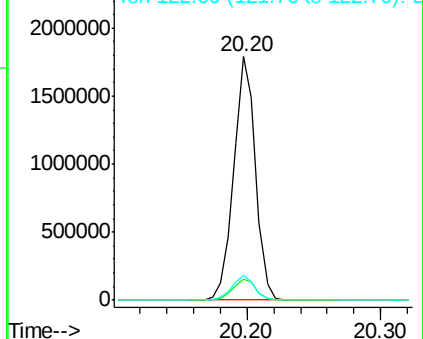


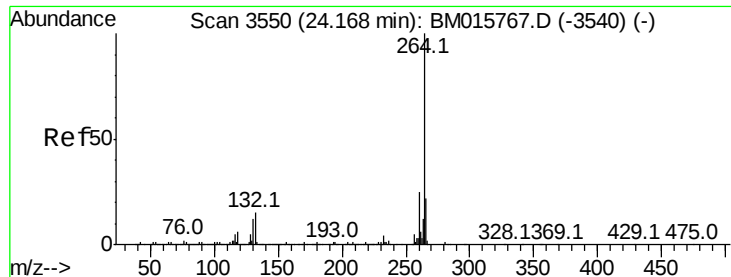
Abundance

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

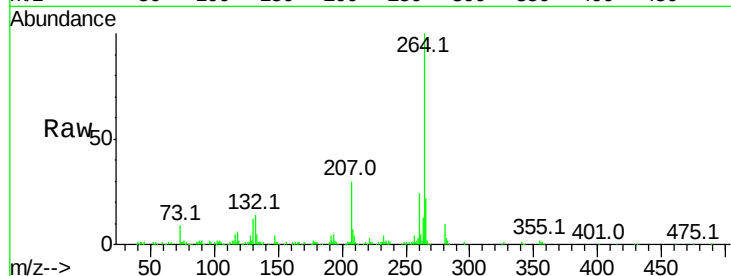




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.14 min Scan# 3545
Delta R.T. -0.03 min
Lab File: BM015915.D
Acq: 12 Jul 2018 15:12

Instrument :
BNA_M
ClientSampleId :
070918-DBRI-E-D-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	27.8
265	21.7	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

