

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071218\
 Data File : BM015926.D
 Acq On : 12 Jul 2018 21:57
 Operator : SJ/JU
 Sample : J3945-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 2-AVE-16

Quant Time: Jul 12 23:07:40 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

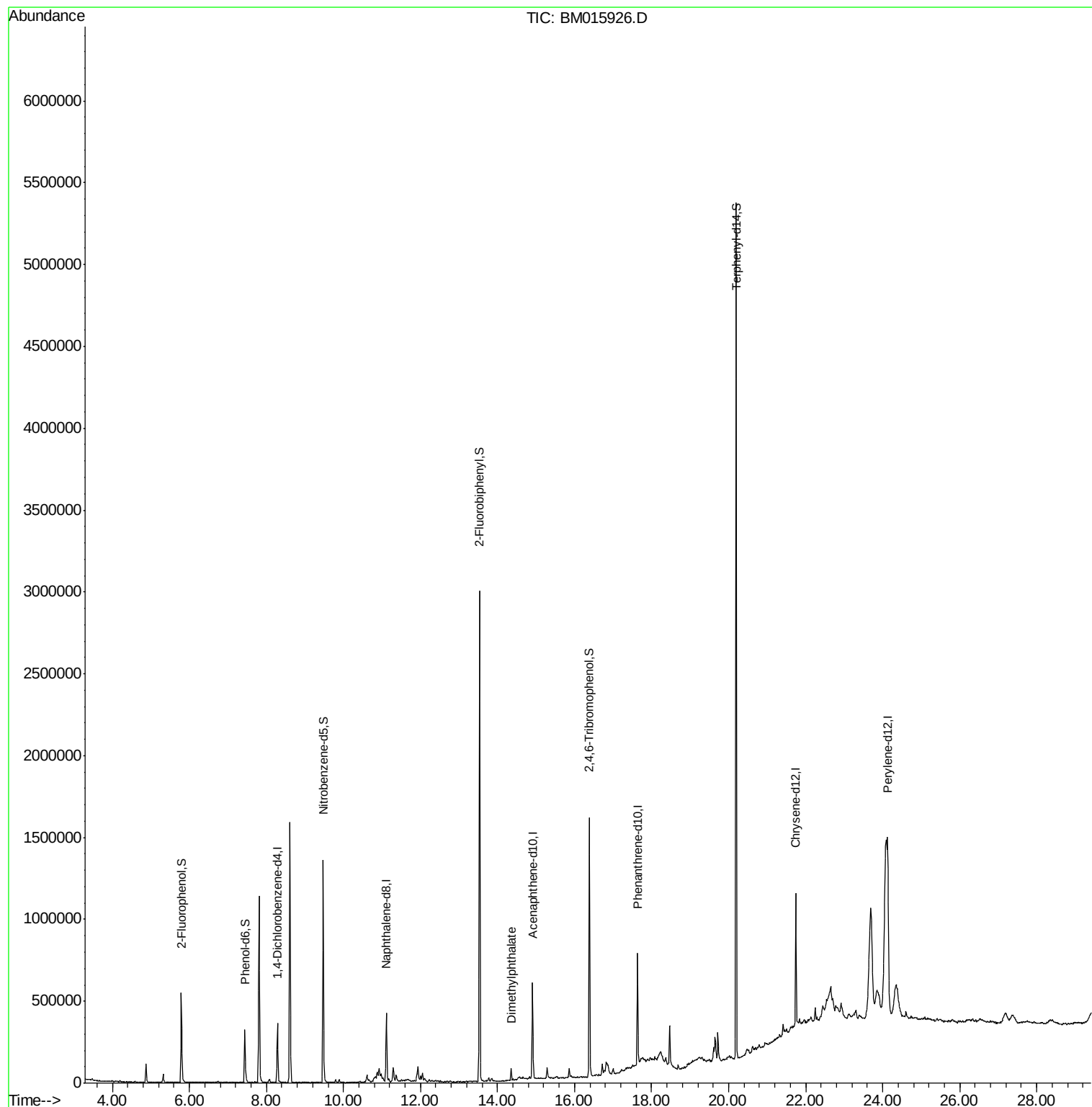
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	84420	20.00	ng	-0.03
21) Naphthalene-d8	11.12	136	324061	20.00	ng	-0.03
38) Acenaphthene-d10	14.91	164	166560	20.00	ng	-0.02
63) Phenanthrene-d10	17.63	188	349461	20.00	ng	-0.02
75) Chrysene-d12	21.74	240	332057	20.00	ng	-0.02
86) Perylene-d12	24.13	264	350031	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	202247	41.09	ng	-0.02
7) Phenol-d6	7.44	99	158044	23.45	ng	-0.02
23) Nitrobenzene-d5	9.47	82	695352	104.69	ng	-0.03
41) 2,4,6-Tribromophenol	16.39	330	211292	97.09	ng	-0.03
44) 2-Fluorobiphenyl	13.53	172	1298551	96.79	ng	-0.03
78) Terphenyl-d14	20.20	244	1942656	108.52	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.36	163	43471	2.959	ng	Qvalue 99

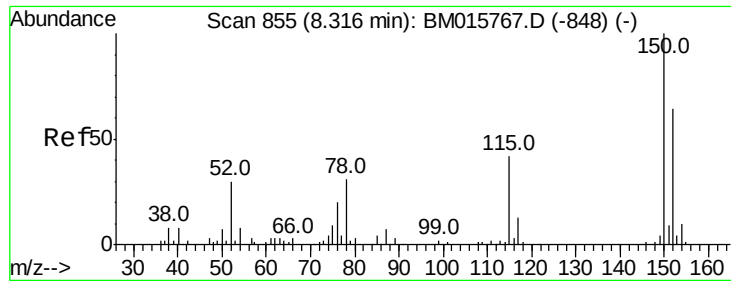
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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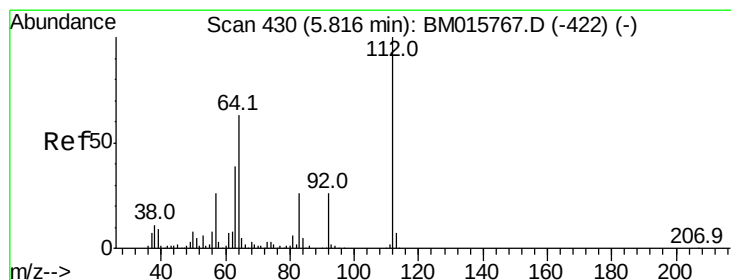
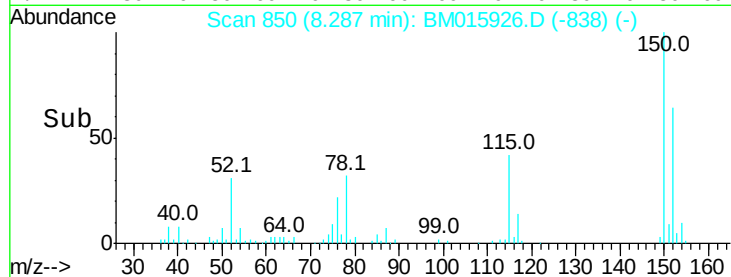
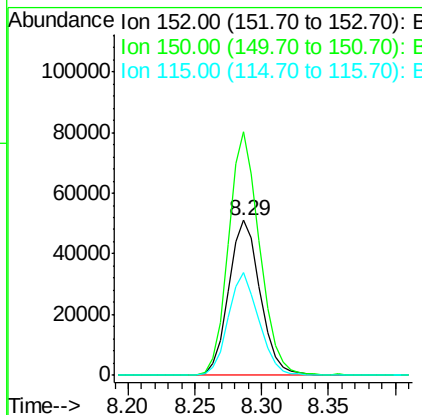
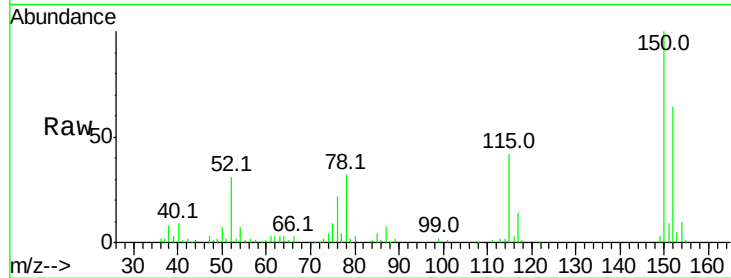


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 850
Delta R.T. -0.03 min
Lab File: BM015926.D
Acq: 12 Jul 2018 21:57

Instrument :
BNA_M
ClientSampleId :
2-AVE-16

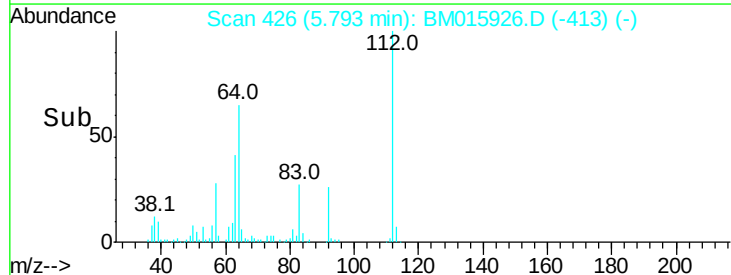
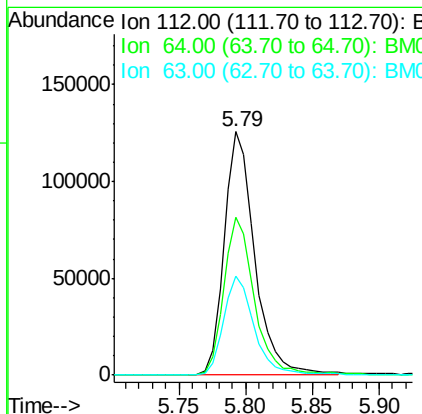
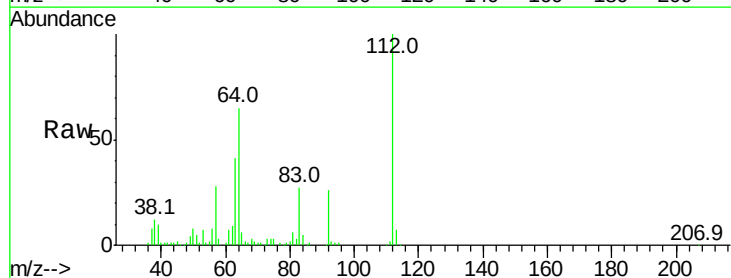
Tot Ion:152 Resp: 84420
Ion Ratio Lower Upper
152 100
150 157.4 119.5 179.3
115 66.4 43.0 64.4#

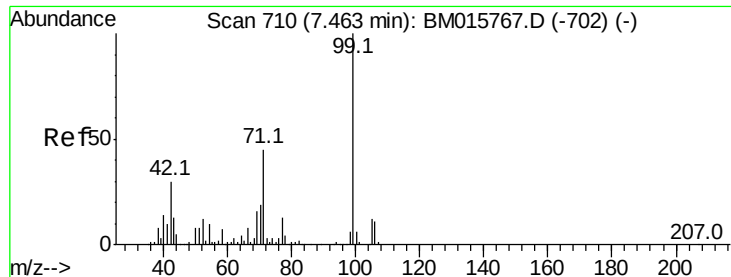


#5

2-Fluorophenol
Concen: Below ng
RT: 5.79 min Scan# 426
Delta R.T. -0.02 min
Lab File: BM015926.D
Acq: 12 Jul 2018 21:57

Tgt Ion:112 Resp: 202247
Ion Ratio Lower Upper
112 100
64 65.0 38.6 57.8#
63 40.8 19.3 28.9#





#7

Phenol-d6

Concen: Below na

RT: 7.44 min Scan# 706

Delta R.T. -0.02 min

Lab File: BM015926.D

Acq: 12 Jul 2018 21:57

Instrument :

BNA_M

ClientSampleId :

2-AVE-16

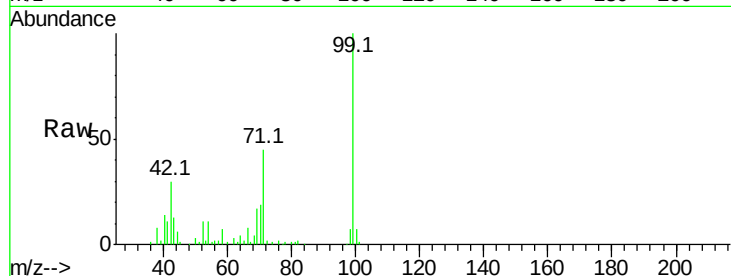
Tot Ion: 99 Resp: 158044

Ion Ratio Lower Upper

99 100

42 30.3 11.0 16.4#

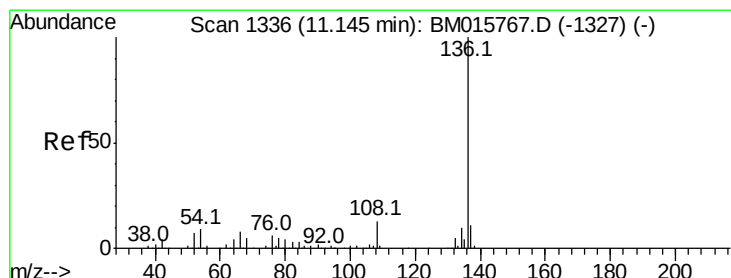
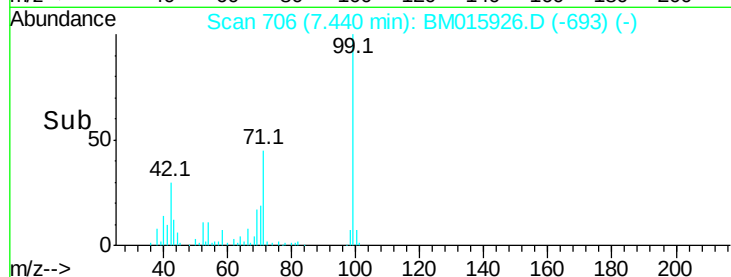
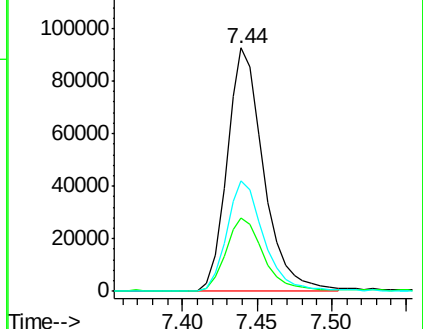
71 45.4 23.4 35.2#



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: 11.12 min Scan# 1331

Delta R.T. -0.03 min

Lab File: BM015926.D

Acq: 12 Jul 2018 21:57

Tgt Ion: 136 Resp: 324061

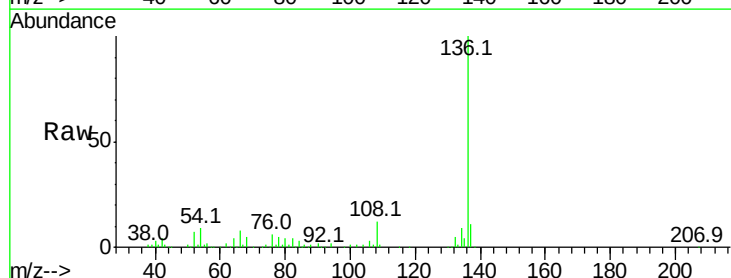
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 8.7 4.6 6.8#

68 4.6 3.7 5.5

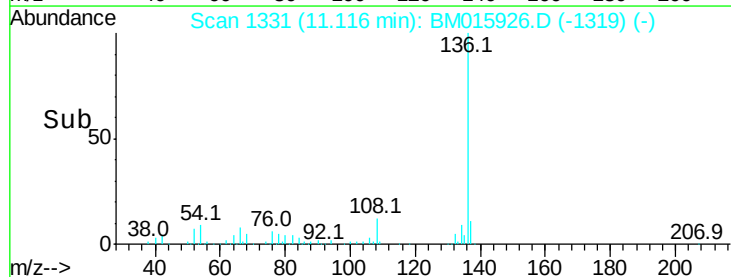
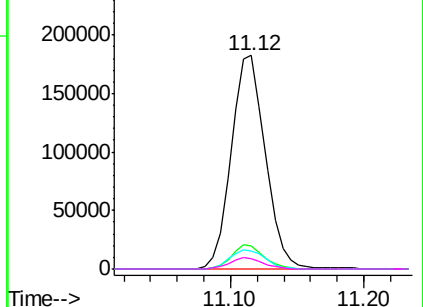


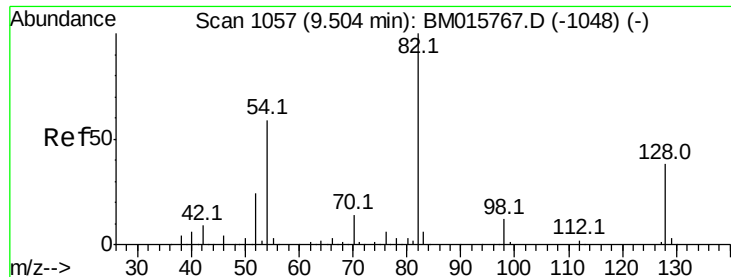
Abundance Ion 136.00 (135.70 to 136.70): BM015767.D (-1327) (-)

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) (-)

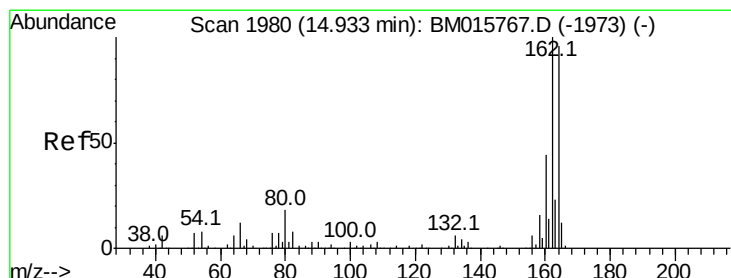
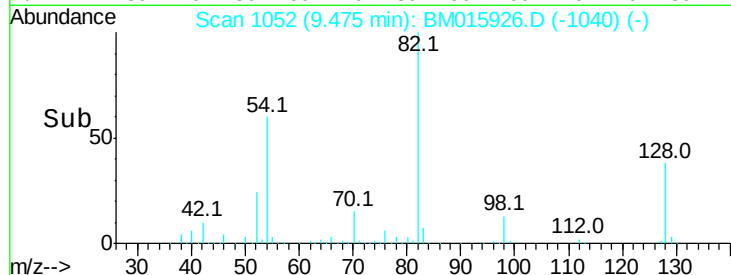
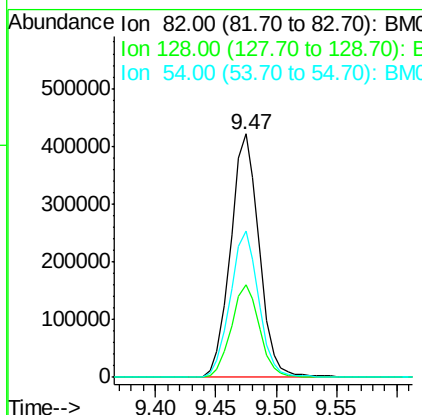
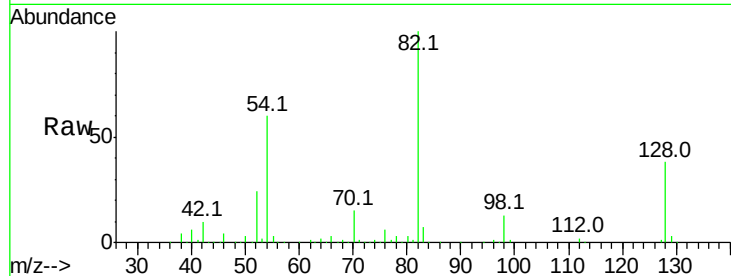




#23
 Nitrobenzene-d5
 Concen: Below na
 RT: 9.47 min Scan# 1052
 Delta R.T. -0.03 min
 Lab File: BM015926.D
 Acq: 12 Jul 2018 21:57

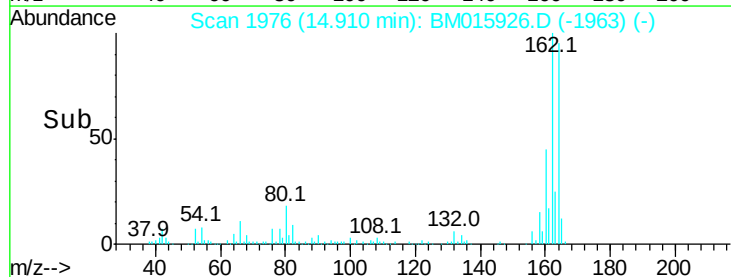
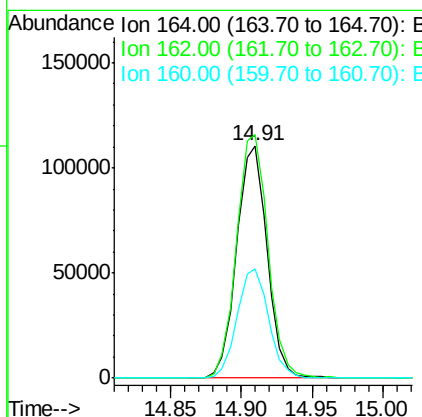
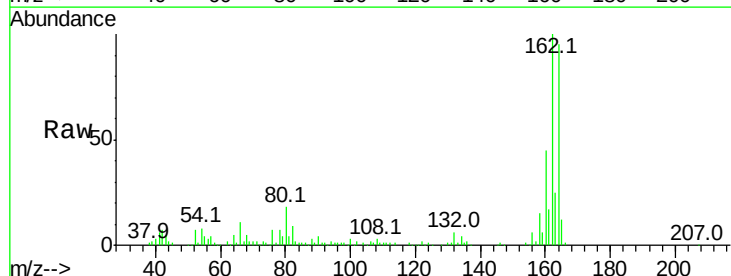
Instrument :
 BNA_M
 ClientSampled :
 2-AVE-16

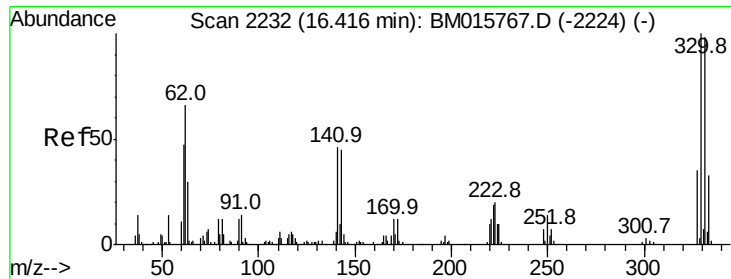
Tot Ion: 82 Resp: 695352
 Ion Ratio Lower Upper
 82 100
 128 38.0 32.8 49.2
 54 60.0 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.91 min Scan# 1976
 Delta R.T. -0.02 min
 Lab File: BM015926.D
 Acq: 12 Jul 2018 21:57

Tgt Ion: 164 Resp: 166560
 Ion Ratio Lower Upper
 164 100
 162 104.9 82.4 123.6
 160 47.3 35.8 53.6

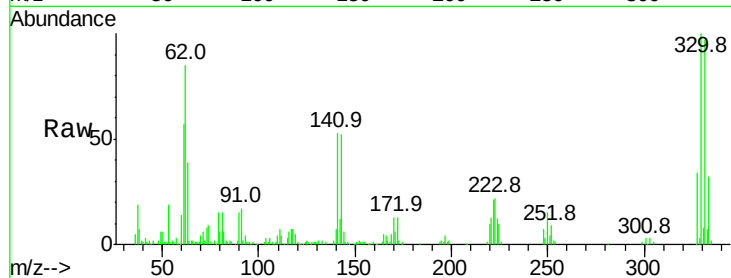




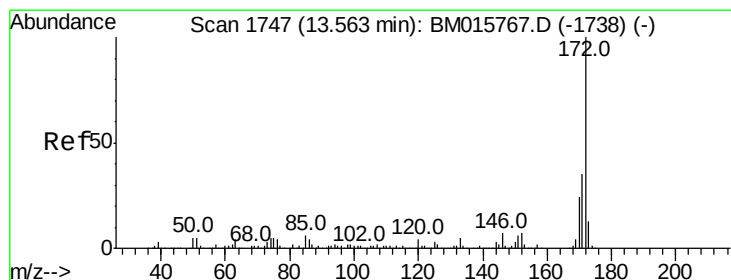
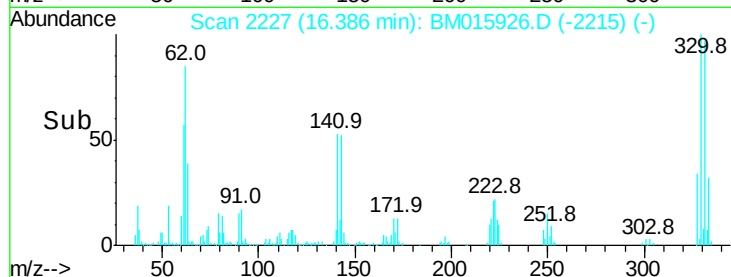
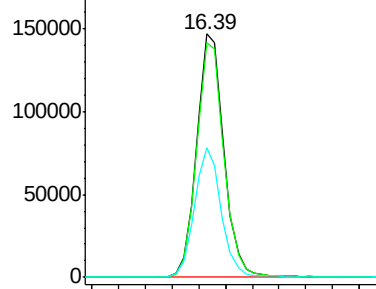
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.39 min Scan# 2227
 Delta R.T. -0.03 min
 Lab File: BM015926.D
 Acq: 12 Jul 2018 21:57

Instrument :
 BNA_M
 ClientSampleId :
 2-AVE-16

Tot Ion:330 Resp: 211292
 Ion Ratio Lower Upper
 330 100
 332 96.9 0.0 0.0#
 141 52.6 0.0 0.0#

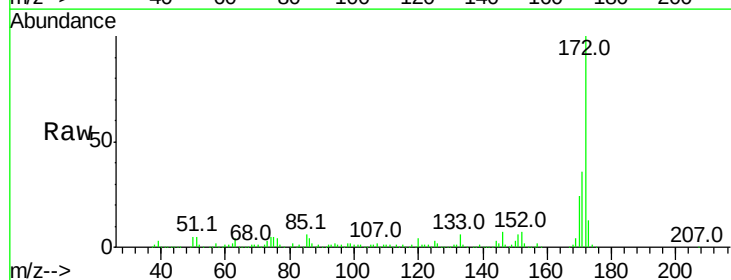


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

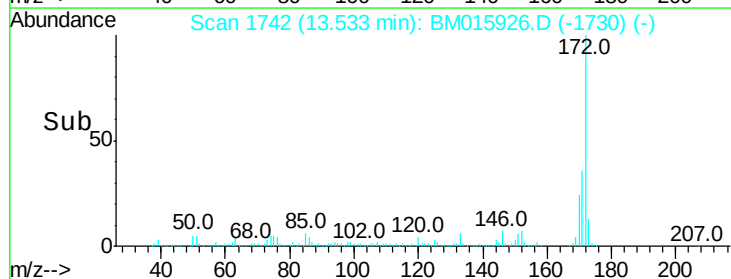
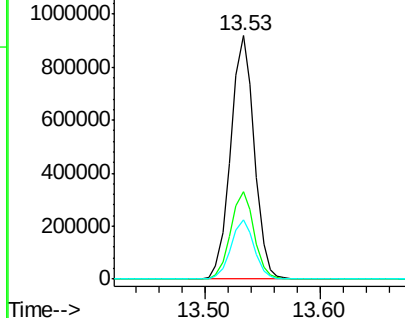


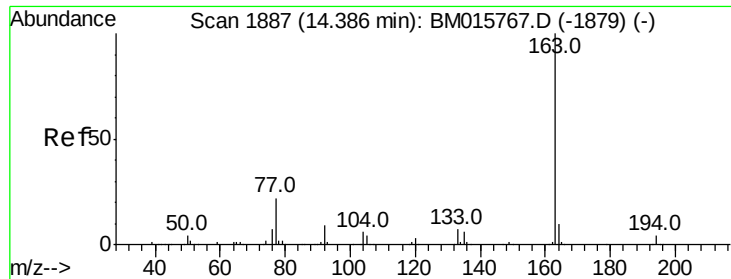
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.53 min Scan# 1742
 Delta R.T. -0.03 min
 Lab File: BM015926.D
 Acq: 12 Jul 2018 21:57

Tgt Ion:172 Resp: 1298551
 Ion Ratio Lower Upper
 172 100
 171 35.9 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





#49

Dimethylphthalate

Concen: 2.959 ng

RT: 14.36 min Scan# 1882

Delta R.T. -0.03 min

Lab File: BM015926.D

Acq: 12 Jul 2018 21:57

Instrument :

BNA_M

ClientSampleId :

2-AVE-16

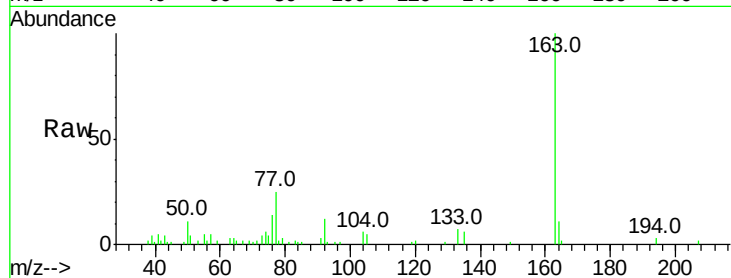
Tot Ion:163 Resp: 43471

Ion Ratio Lower Upper

163 100

194 2.8 2.7 4.1

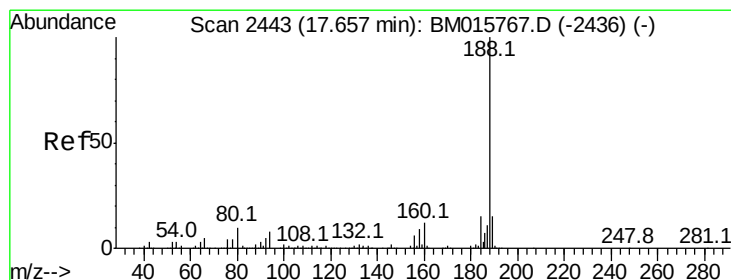
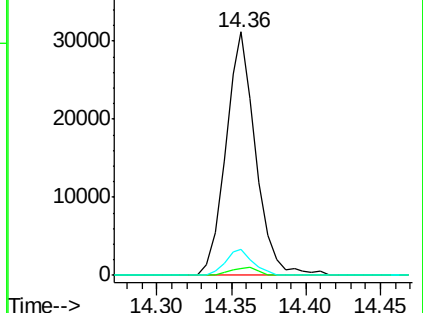
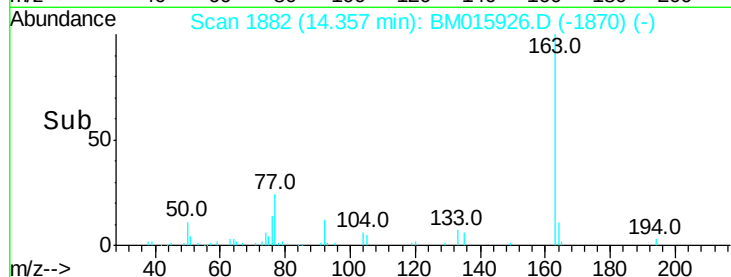
164 10.6 8.2 12.2



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: BM015926.D

Acq: 12 Jul 2018 21:57

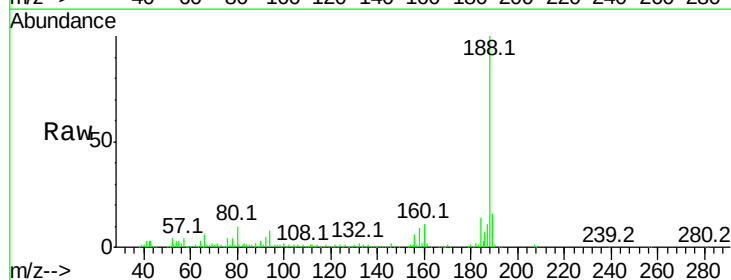
Tgt Ion:188 Resp: 349461

Ion Ratio Lower Upper

188 100

94 7.5 8.7 13.1#

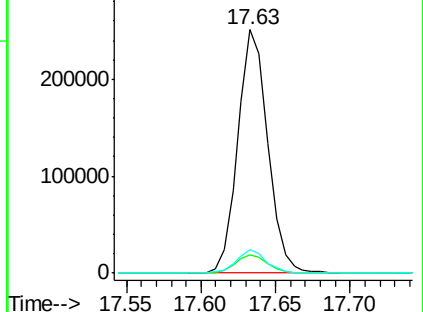
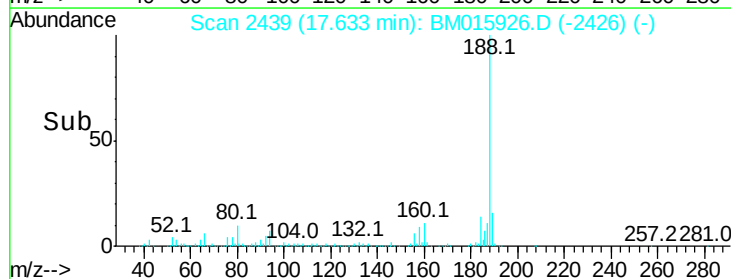
80 9.7 9.3 13.9

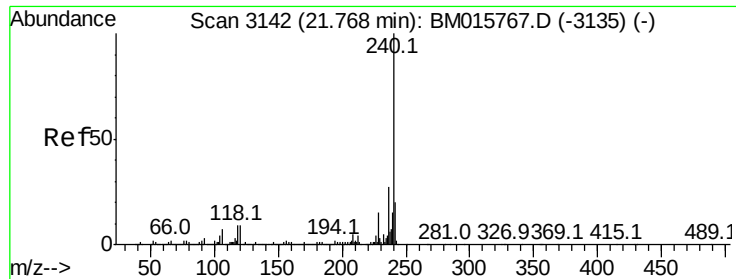


Abundance Ion 188.00 (187.70 to 188.70): E

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: BM015926.D

Acq: 12 Jul 2018 21:57

Instrument :

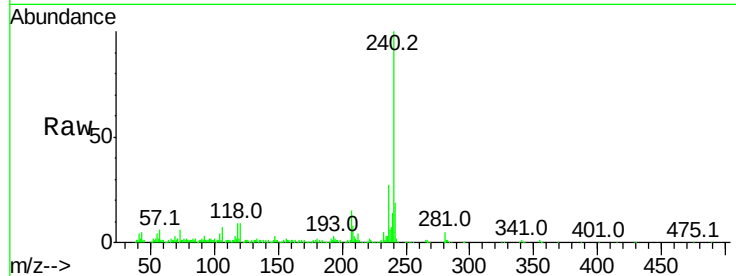
BNA_M

ClientSampleId :

2-AVE-16

Tot Ion:240 Resp: 332057

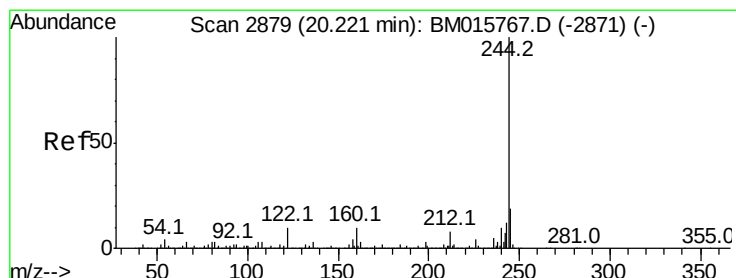
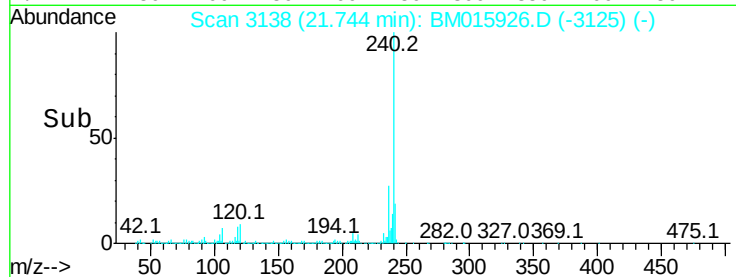
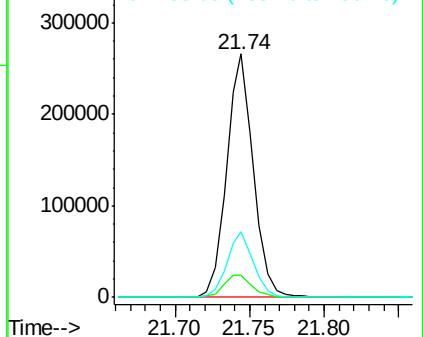
Ion	Ratio	Lower	Upper
240	100		
120	9.1	8.2	12.2
236	27.0	20.0	30.0



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: 20.20 min Scan# 2875

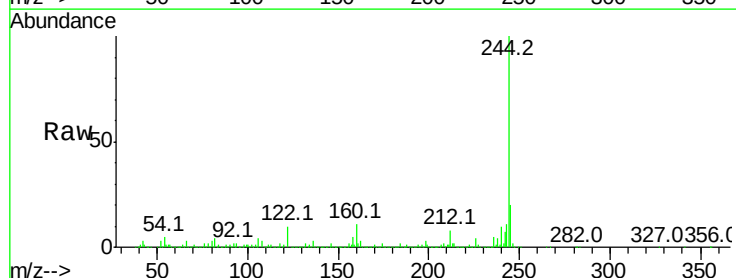
Delta R.T. -0.02 min

Lab File: BM015926.D

Acq: 12 Jul 2018 21:57

Tgt Ion:244 Resp: 1942656

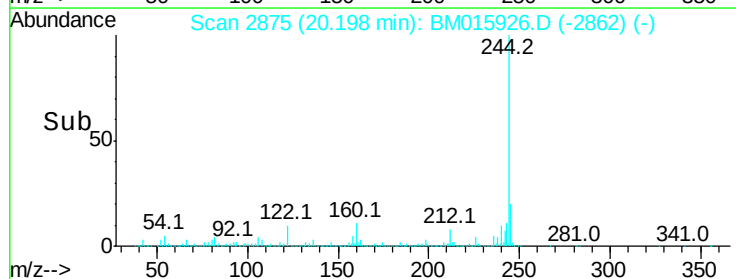
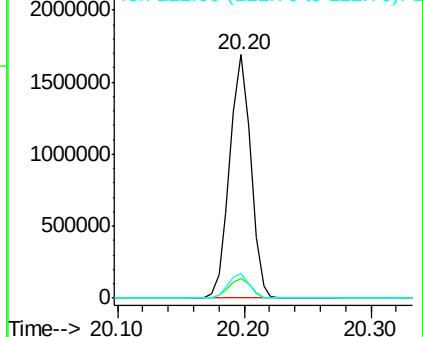
Ion	Ratio	Lower	Upper
244	100		
212	8.2	4.9	7.3#
122	10.1	6.2	9.4#

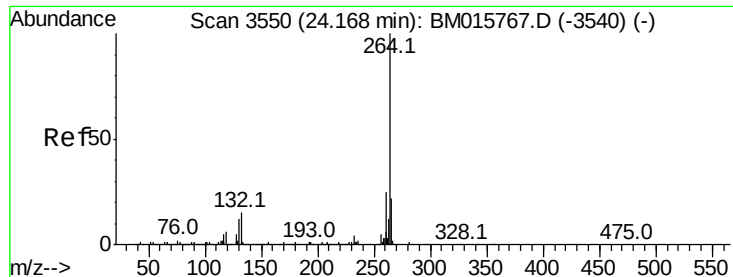


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

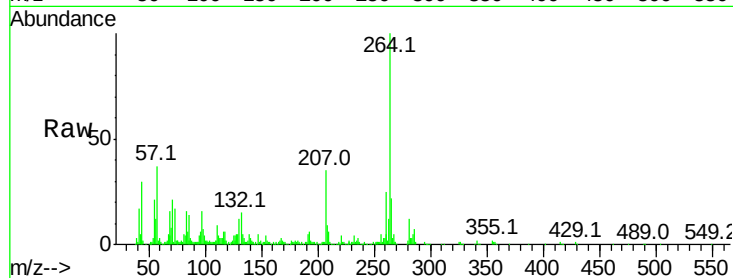




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.13 min Scan# 3544
Delta R.T. -0.04 min
Lab File: BM015926.D
Acq: 12 Jul 2018 21:57

Instrument :
BNA_M
ClientSampleId :
2-AVE-16

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.6	27.8
265	21.6	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

