

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 :

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

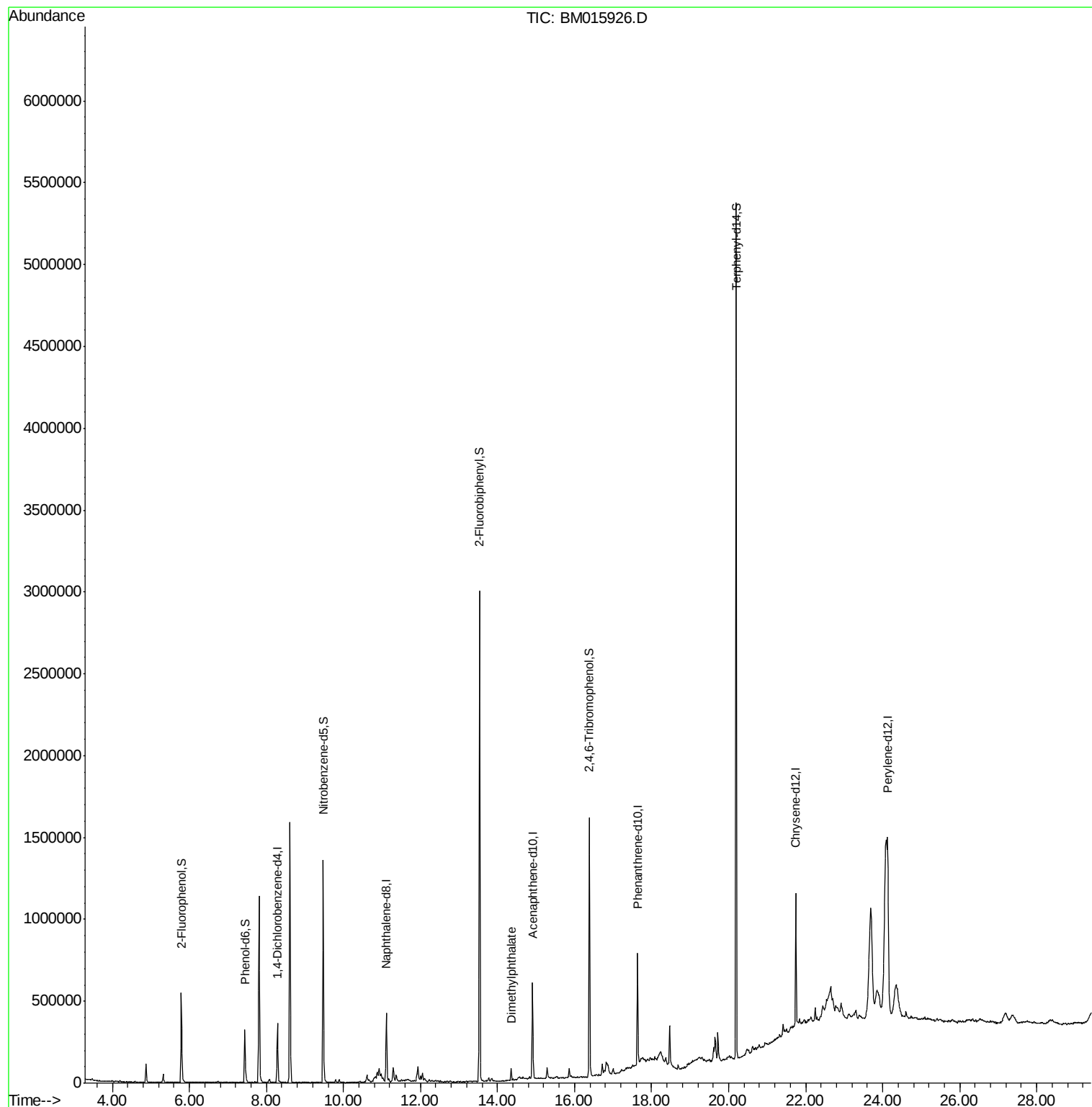
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	84420	20.00	ng	-0.03
21) Naphthalene-d8	11.12	136	324061	20.00	ng	-0.03
38) Acenaphthene-d10	14.91	164	166560	20.00	ng	-0.02
63) Phenanthrene-d10	17.63	188	349461	20.00	ng	-0.02
75) Chrysene-d12	21.74	240	332057	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

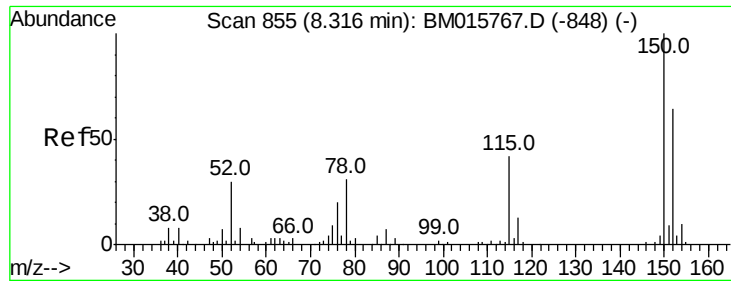
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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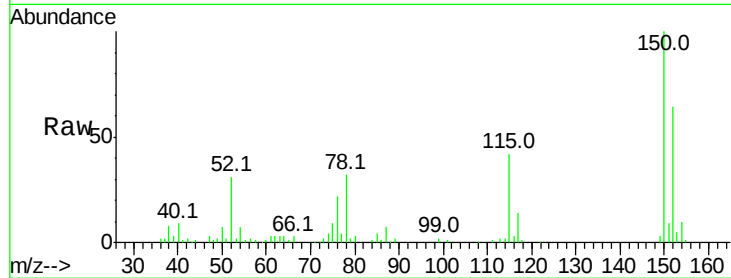


#1

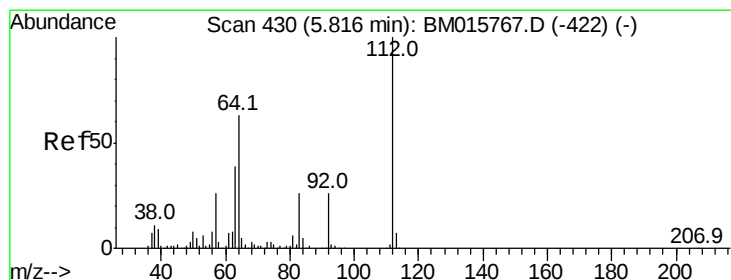
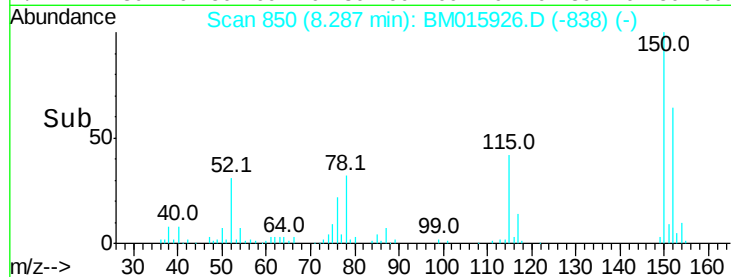
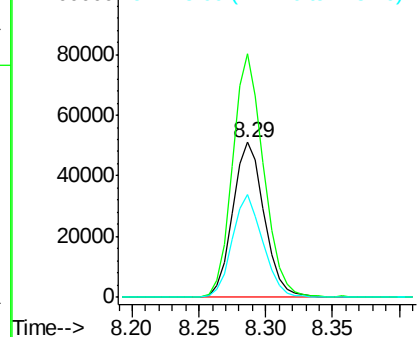
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 850
Delta R.T. -0.03 min
Lab File: BM015926.D
Acq: 12 Jul 2018 21:57

Instrument :
BNA_M
ClientSampleId :

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#



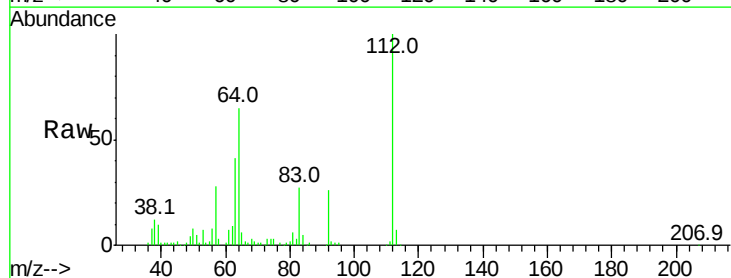
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



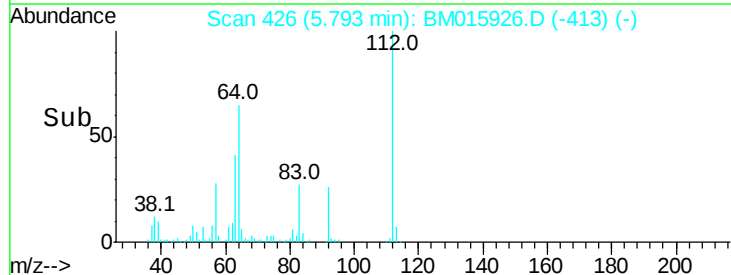
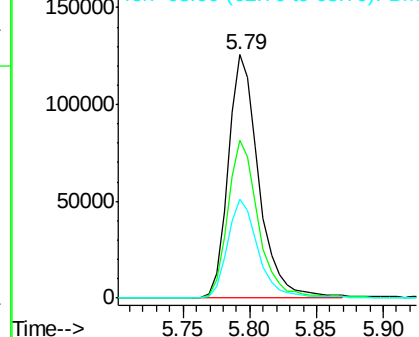
#5

2-Fluorophenol
Concen: Below ng
RT: 5.79 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#



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: 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 :

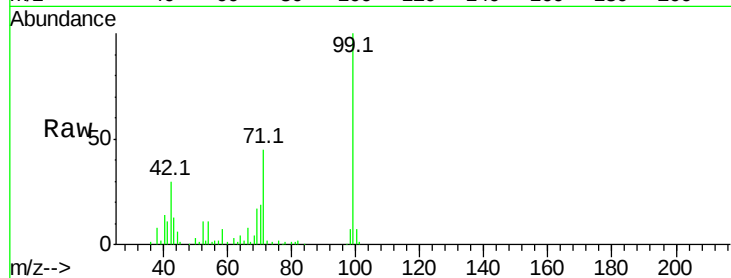
Tot Ion: 99 Resp: 158044

Ion Ratio Lower Upper

99 100

42 30.3 11.0 16.4#

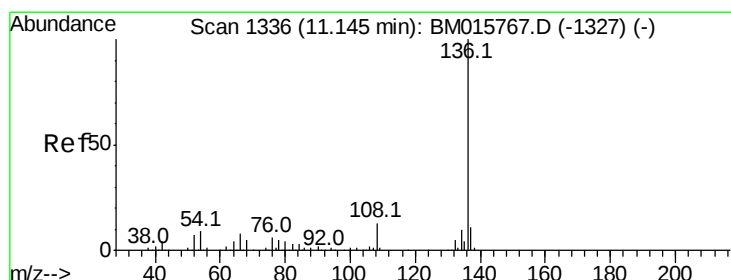
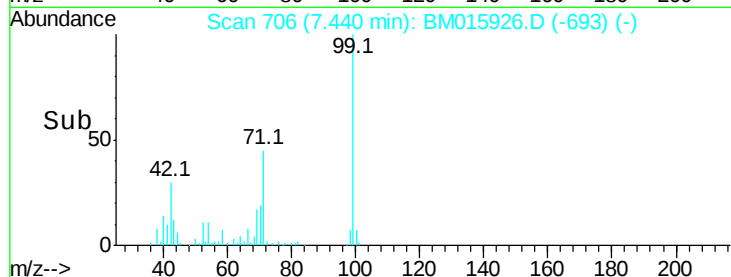
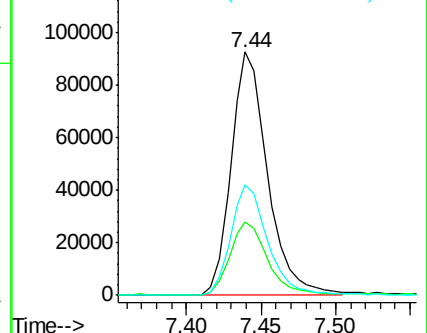
71 45.4 23.4 35.2#



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

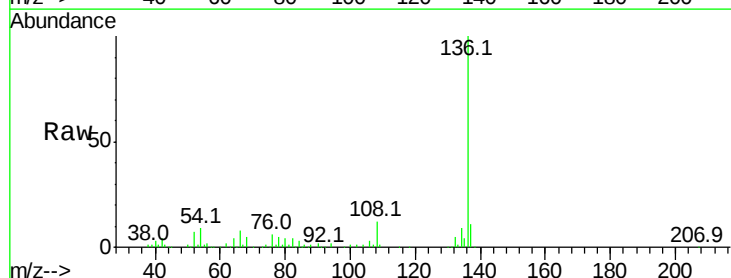
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 8.7 4.6 6.8#

68 4.6 3.7 5.5

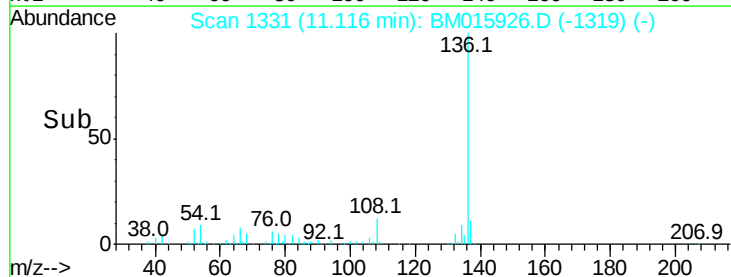
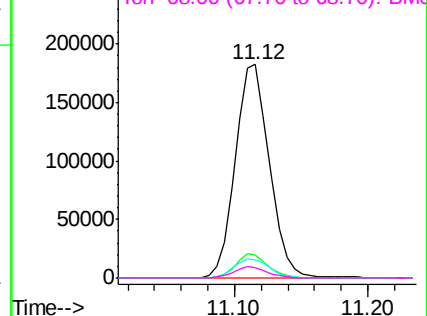


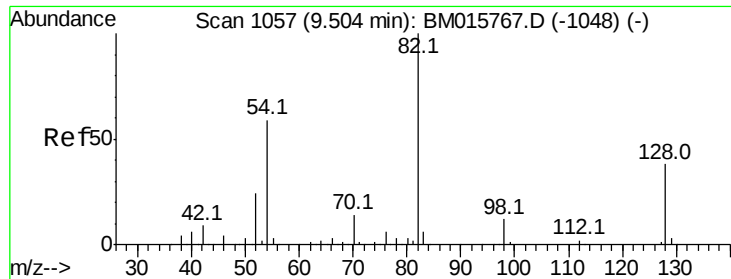
Abundance Ion 136.00 (135.70 to 136.70): BM015767.D (-1327) (-)

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) (-)

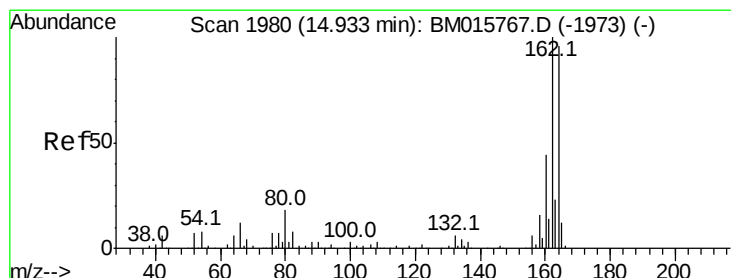
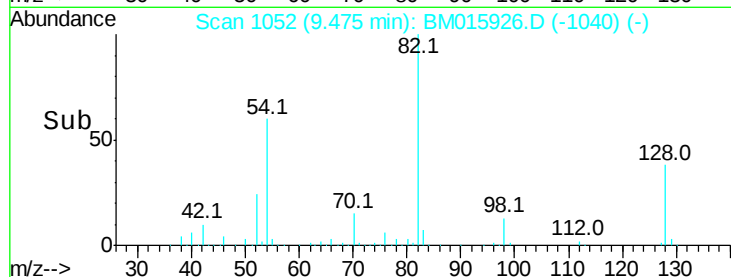
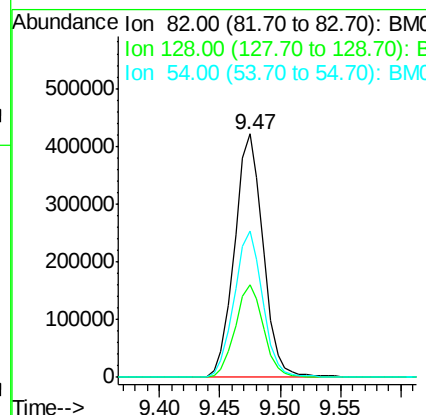
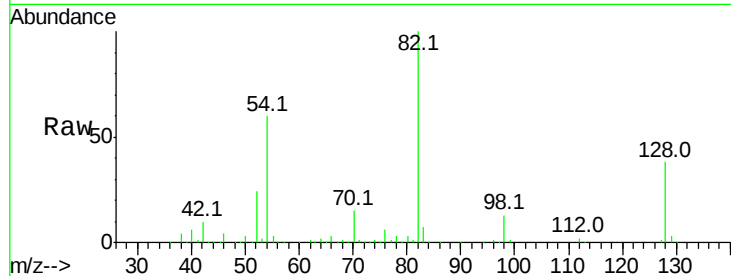




#23
 Nitrobenzene-d5
 Concen: Below na
 RT: 9.47 min Scan# 1052
 Delta R.T. -0.03 min
 Lab File: BM015926.D
 Acq: 12 Jul 2018 21:57

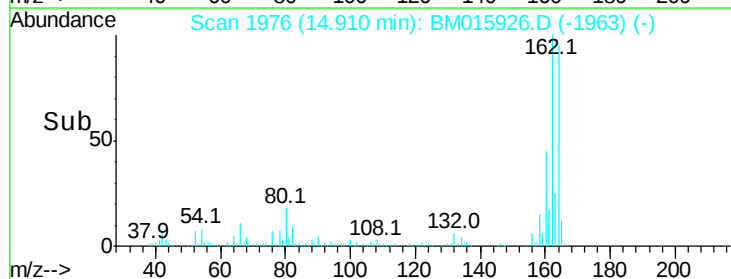
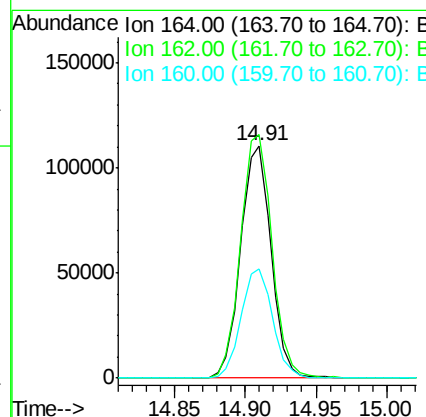
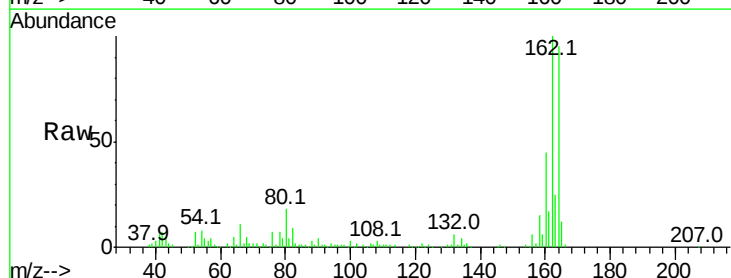
Instrument :
 BNA_M
 ClientSampled :

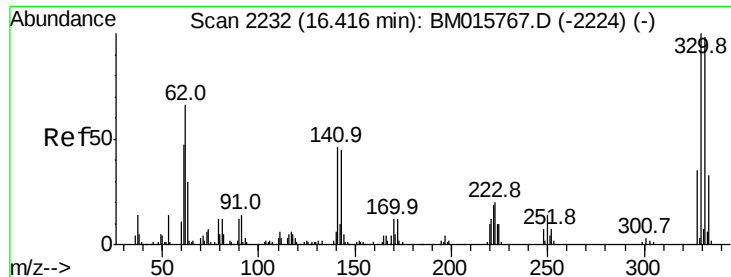
Tot Ion	82	Resp	695352
Ion	Ratio	Lower	Upper
82	100		
128	38.0	32.8	49.2
54	60.0	40.6	60.8



#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

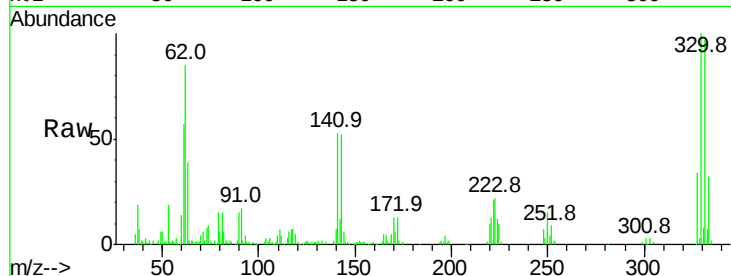




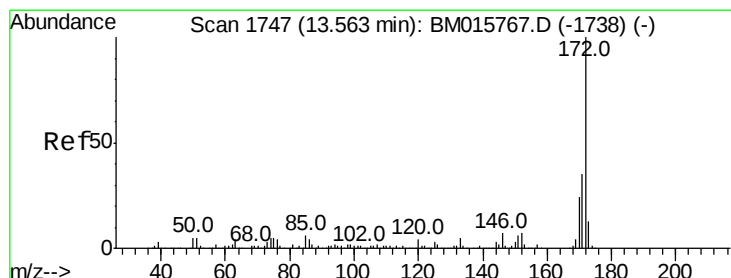
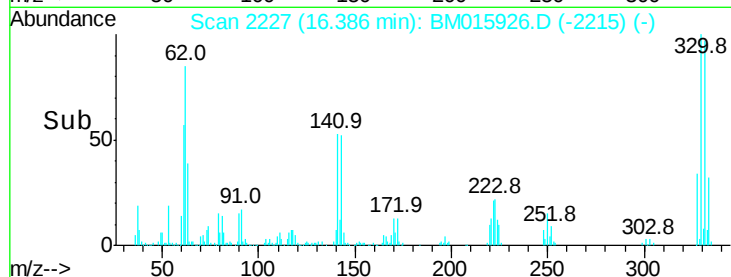
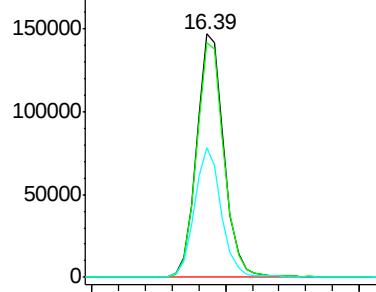
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.39 min Scan# 2227
 Delta R.T. -0.03 min
 Lab File: BM015926.D
 Acq: 12 Jul 2018 21:57

Instrument :
 BNA_M
 ClientSampleId :

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#

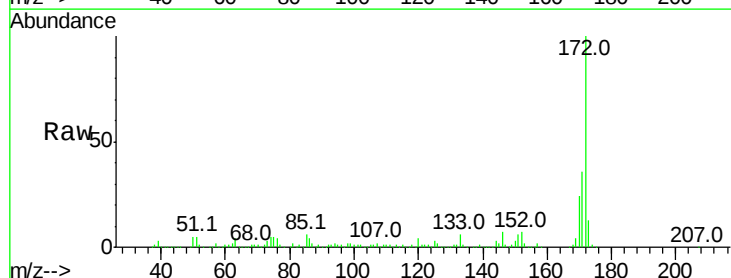


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

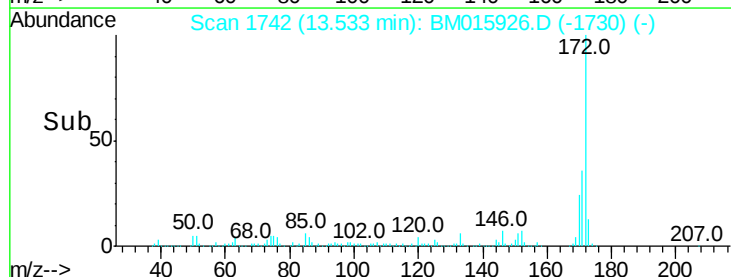
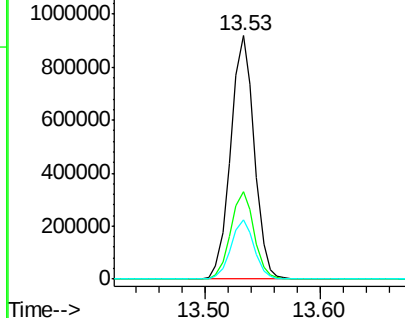


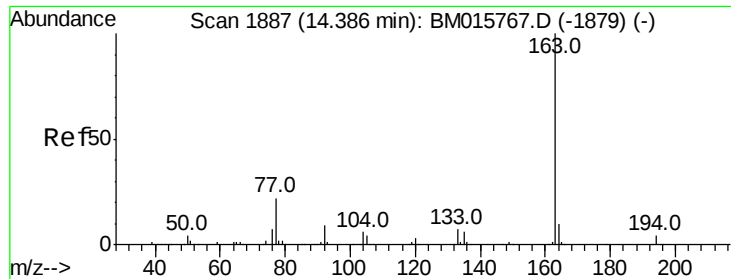
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.53 min Scan# 1742
 Delta R.T. -0.03 min
 Lab File: BM015926.D
 Acq: 12 Jul 2018 21:57

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 :

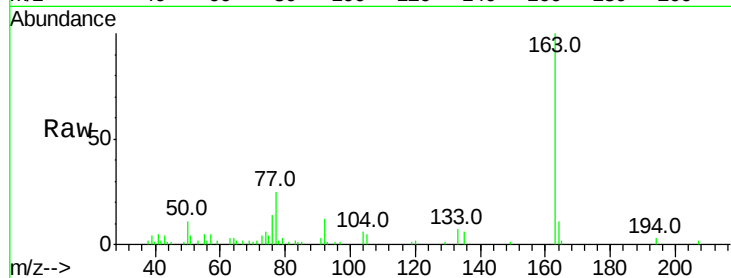
Tot Ion:163 Resp: 43471

Ion Ratio Lower Upper

163 100

194 2.8 2.7 4.1

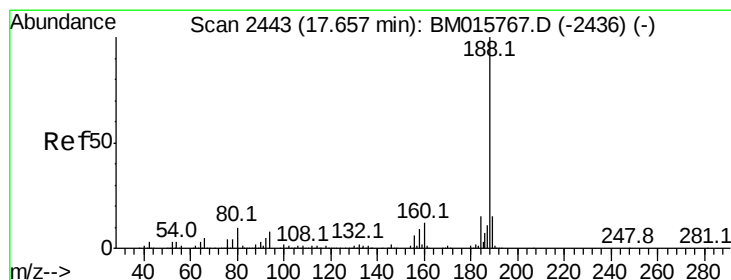
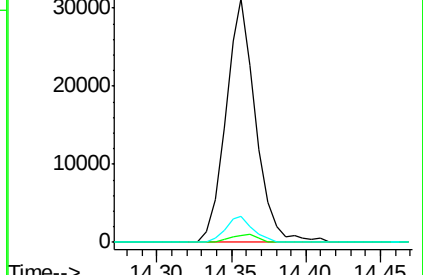
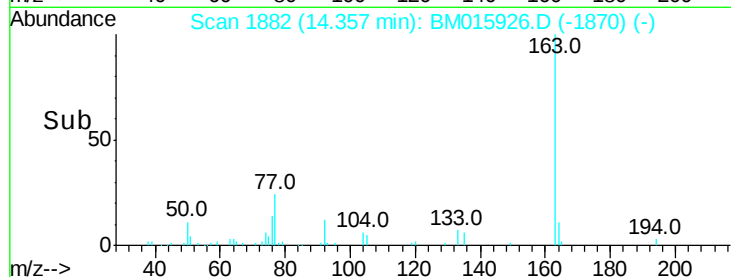
164 10.6 8.2 12.2



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

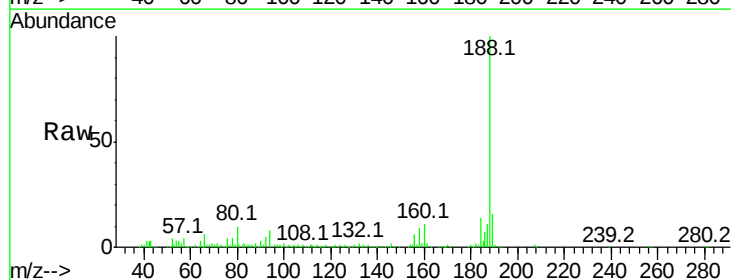
Tgt Ion:188 Resp: 349461

Ion Ratio Lower Upper

188 100

94 7.5 8.7 13.1#

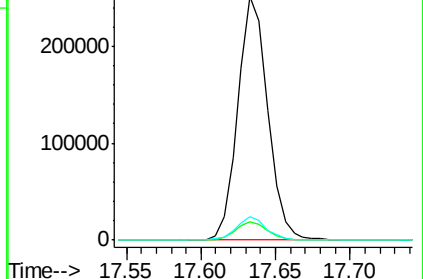
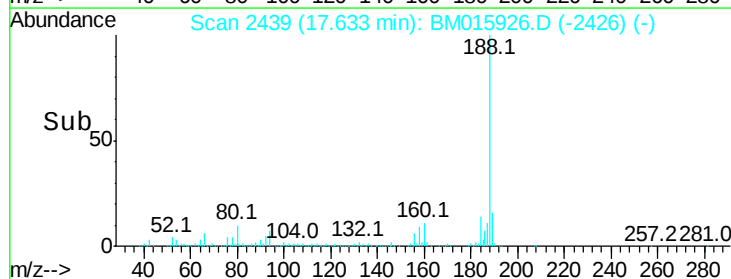
80 9.7 9.3 13.9

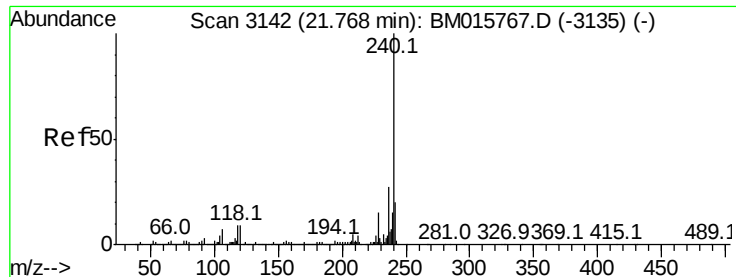


Abundance Ion 188.00 (187.70 to 188.70): E

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 :

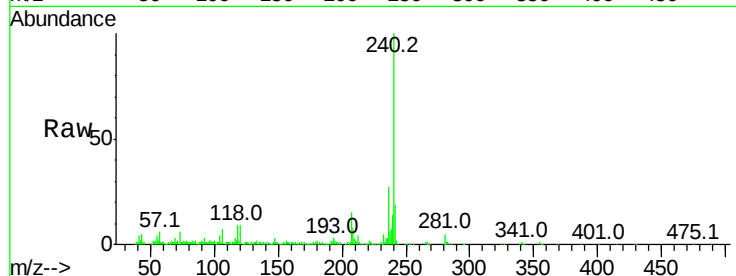
Tot Ion:240 Resp: 332057

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

240 100

120 9.1 8.2 12.2

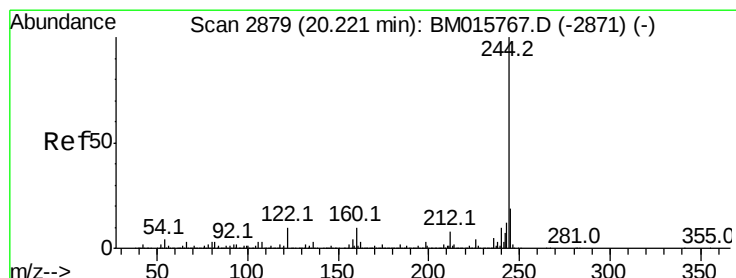
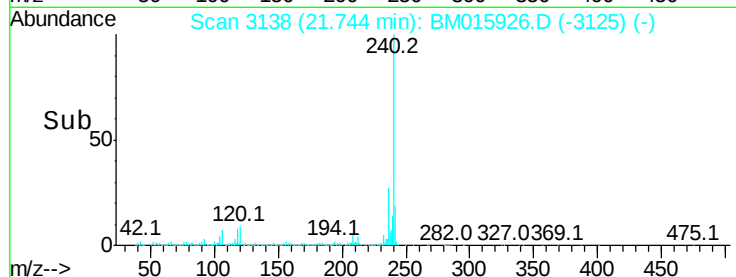
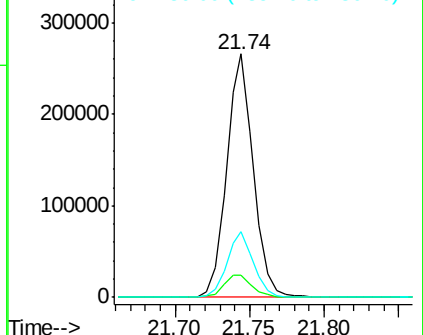
236 27.0 20.0 30.0



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

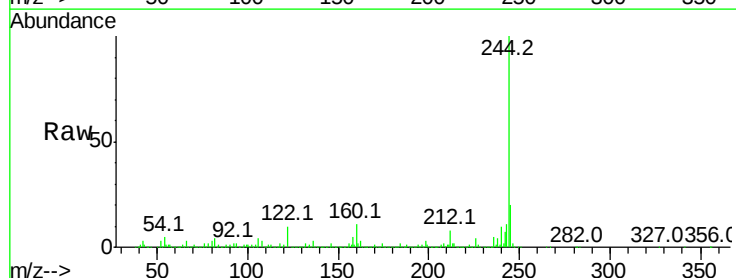
Tgt Ion:244 Resp: 1942656

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

244 100

212 8.2 4.9 7.3#

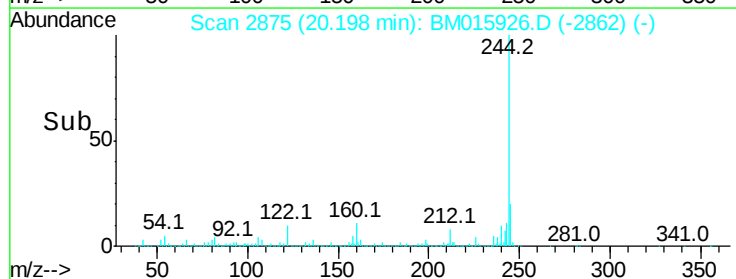
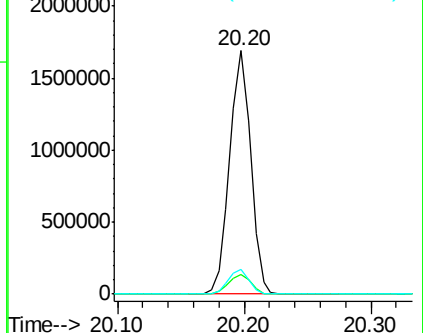
122 10.1 6.2 9.4#

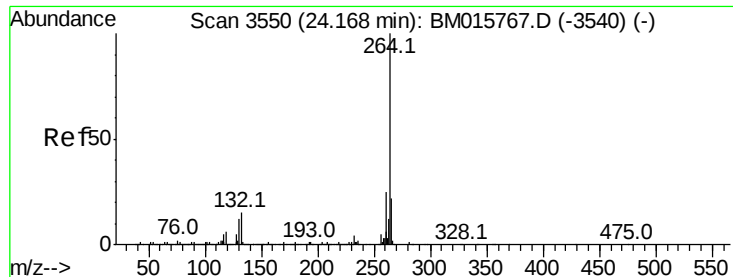


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

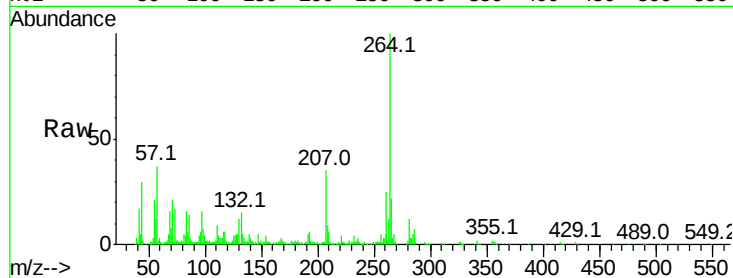




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.13 min Scan# 3544
Delta R.T. -0.04 min
Lab File: BM015926.D
Acq: 12 Jul 2018 21:57

Instrument :
BNA_M
ClientSampleId :

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

