

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071218\
 Data File : BM015924.D
 Acq On : 12 Jul 2018 20:44
 Operator : SJ/JU
 Sample : PB111042BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB111042BL

Quant Time: Jul 12 23:07:23 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	72185	20.00	ng	-0.03
21) Naphthalene-d8	11.12	136	270944	20.00	ng	-0.03
38) Acenaphthene-d10	14.91	164	139815	20.00	ng	-0.02
63) Phenanthrene-d10	17.63	188	283902	20.00	ng	-0.02
75) Chrysene-d12	21.74	240	246042	20.00	ng	-0.02
86) Perylene-d12	24.14	264	255830	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	409211	97.22	ng	-0.02
7) Phenol-d6	7.44	99	513333	89.08	ng	-0.02
23) Nitrobenzene-d5	9.47	82	541375	97.49	ng	-0.03
41) 2,4,6-Tribromophenol	16.39	330	153540	84.05	ng	-0.03
44) 2-Fluorobiphenyl	13.53	172	1120799	99.52	ng	-0.03
78) Terphenyl-d14	20.20	244	1428884	107.72	ng	-0.02

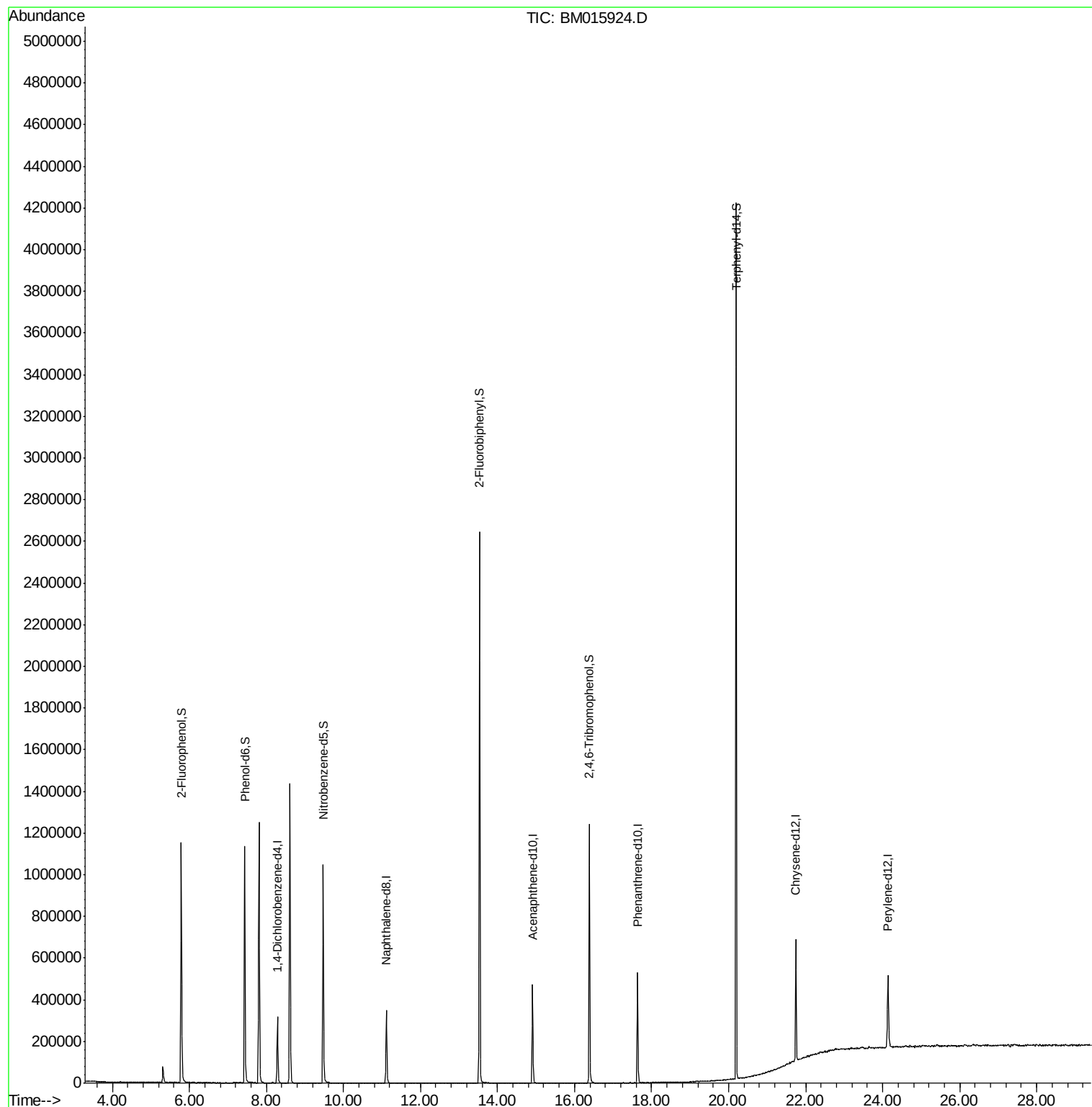
Target Compounds Qvalue

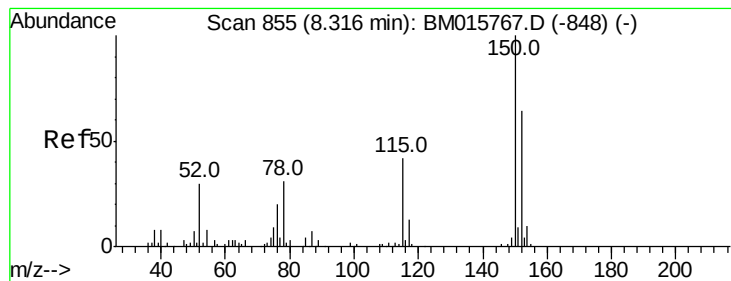
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.29 min Scan# 850

Delta R.T. -0.03 min

Lab File: BM015924.D

Acq: 12 Jul 2018 20:44

Instrument :

BNA_M

ClientSampleId :

PB111042BL

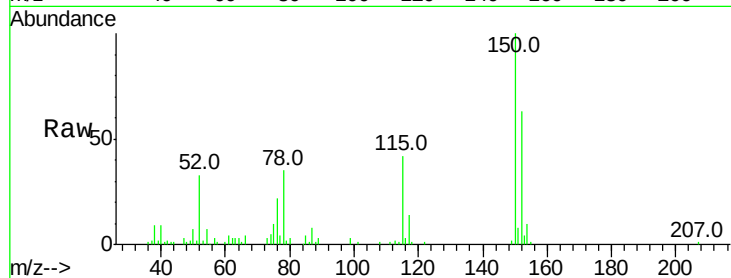
Tot Ion:152 Resp: 72185

Ion Ratio Lower Upper

152 100

150 159.1 119.5 179.3

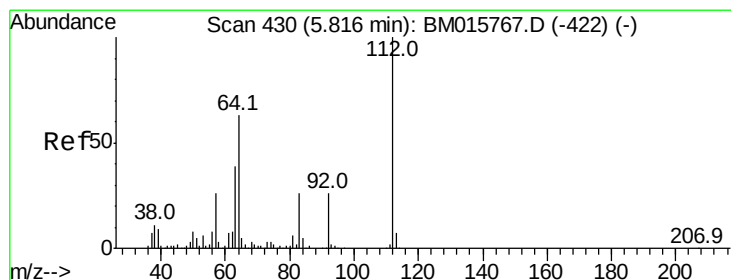
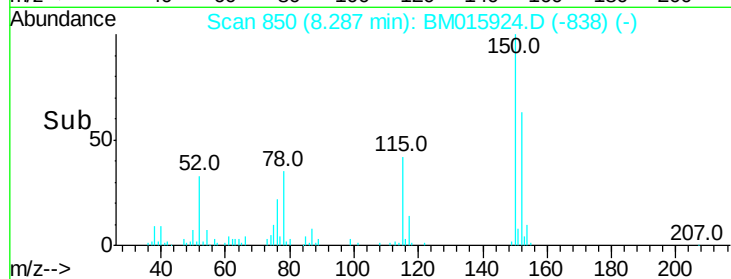
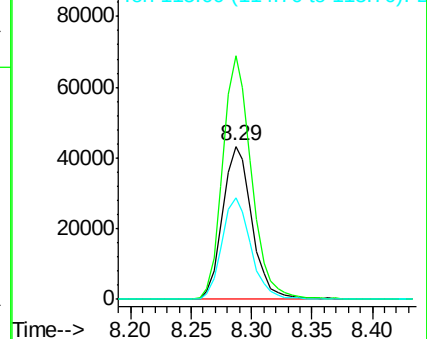
115 66.7 43.0 64.4#



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: N.D. ng

RT: 5.79 min Scan# 426

Delta R.T. -0.02 min

Lab File: BM015924.D

Acq: 12 Jul 2018 20:44

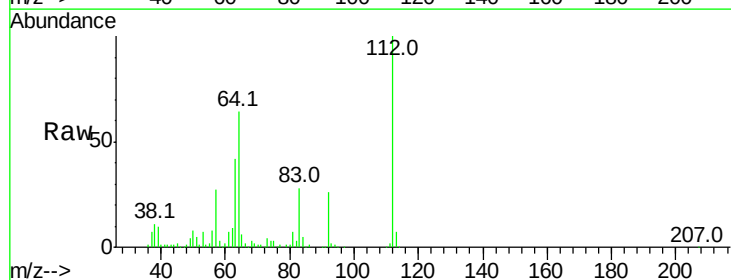
Tgt Ion:112 Resp: 409211

Ion Ratio Lower Upper

112 100

64 64.5 38.6 57.8#

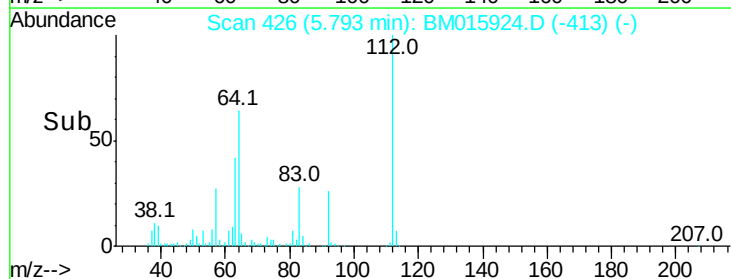
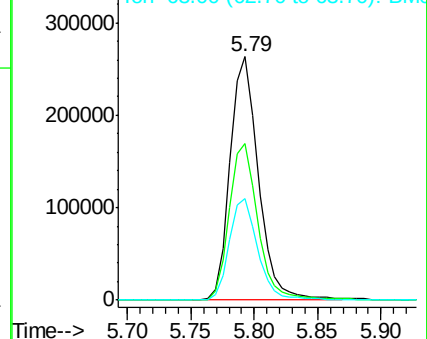
63 41.7 19.3 28.9#

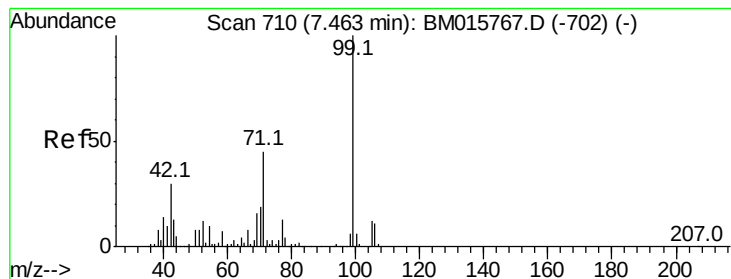


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: N.D. ng

RT: 7.44 min Scan# 706

Delta R.T. -0.02 min

Lab File: BM015924.D

Acq: 12 Jul 2018 20:44

Instrument :

BNA_M

ClientSampleId :

PB111042BL

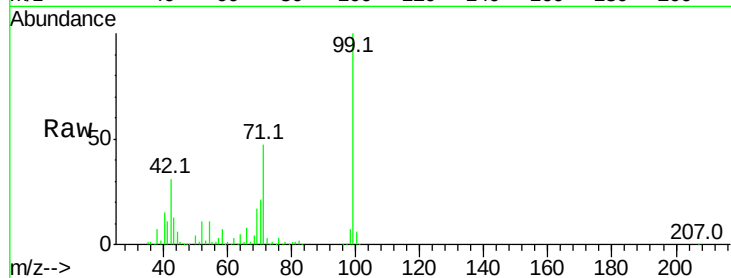
Tot Ion: 99 Resp: 513333

Ion Ratio Lower Upper

99 100

42 31.2 11.0 16.4#

71 47.3 23.4 35.2#

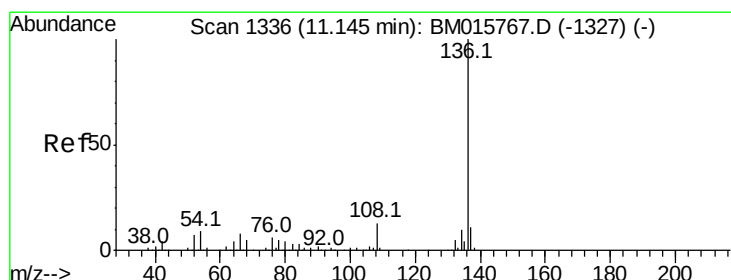
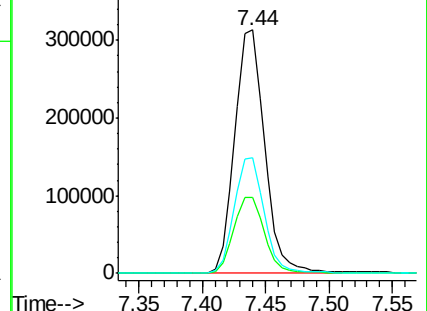
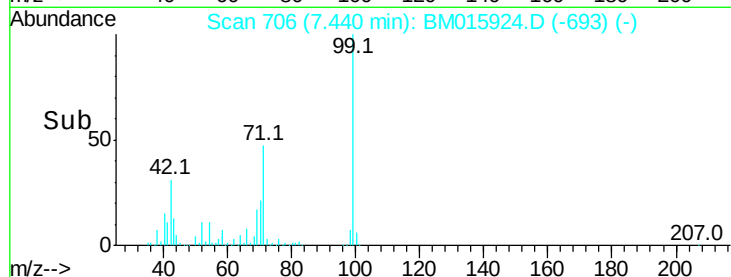


Abundance Ion 99.00 (98.70 to 99.70): BM015767.D (-702) (-)

Ion 42.00 (41.70 to 42.70): BM015767.D (-702) (-)

Ion 71.00 (70.70 to 71.70): BM015767.D (-702) (-)

7.44



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.12 min Scan# 1331

Delta R.T. -0.03 min

Lab File: BM015924.D

Acq: 12 Jul 2018 20:44

Tgt Ion: 136 Resp: 270944

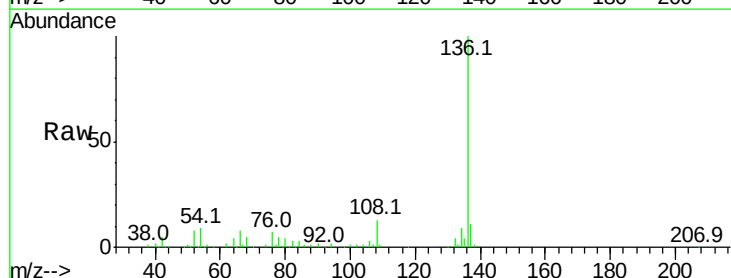
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 9.3 4.6 6.8#

68 4.7 3.7 5.5



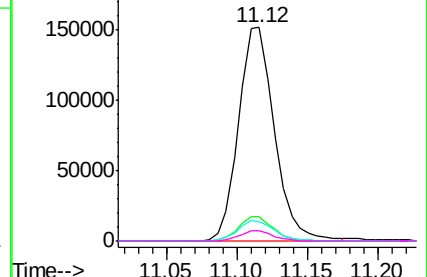
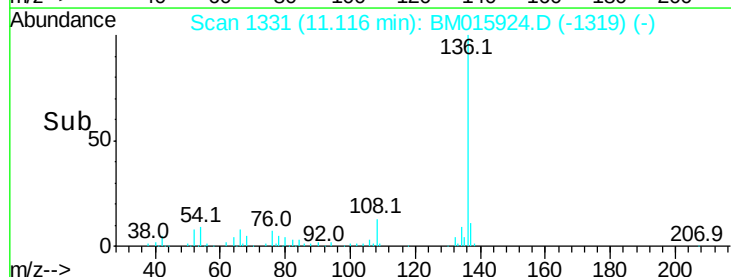
Abundance Ion 136.00 (135.70 to 136.70): BM015767.D (-1327) (-)

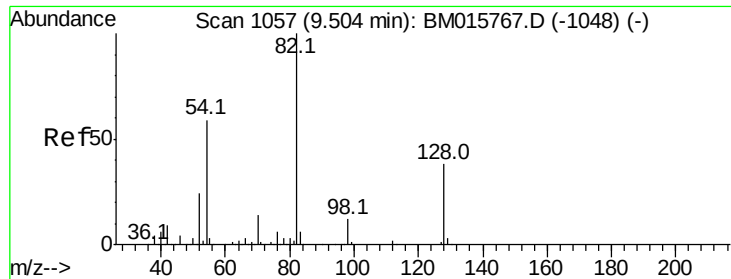
Ion 137.00 (136.70 to 137.70): BM015767.D (-1327) (-)

Ion 54.00 (53.70 to 54.70): BM015767.D (-1327) (-)

Ion 68.00 (67.70 to 68.70): BM015767.D (-1327) (-)

11.12

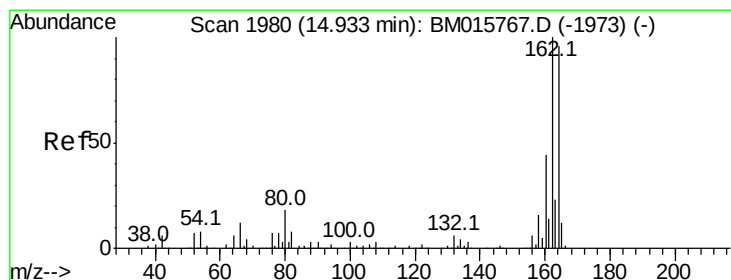
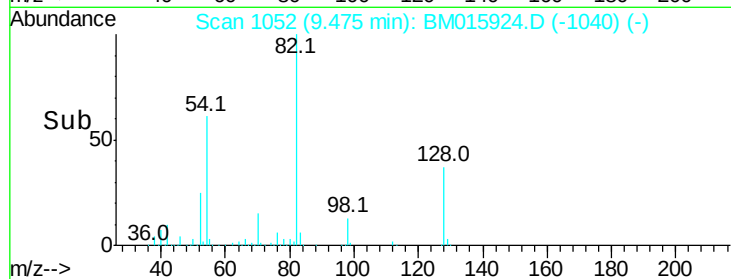
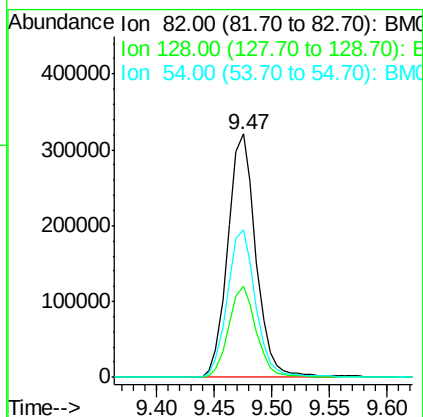
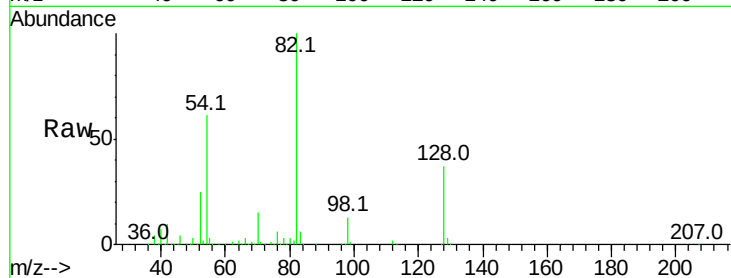




#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.47 min Scan# 1052
Delta R.T. -0.03 min
Lab File: BM015924.D
Acq: 12 Jul 2018 20:44

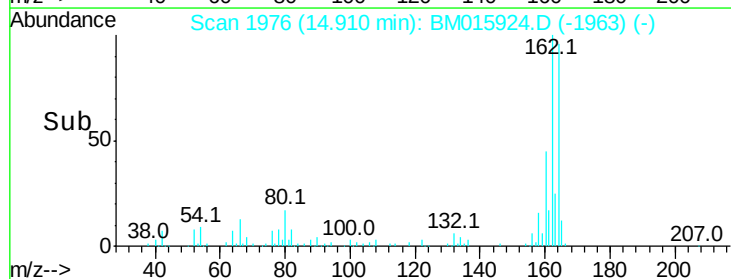
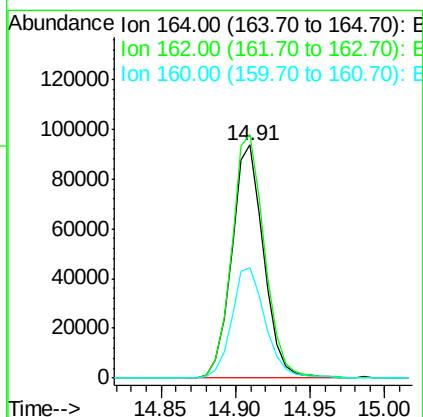
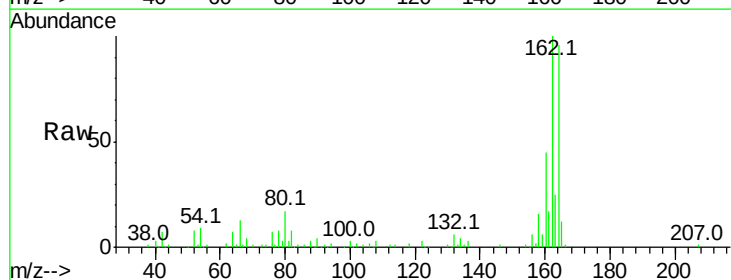
Instrument :
BNA_M
ClientSampleId :
PB111042BL

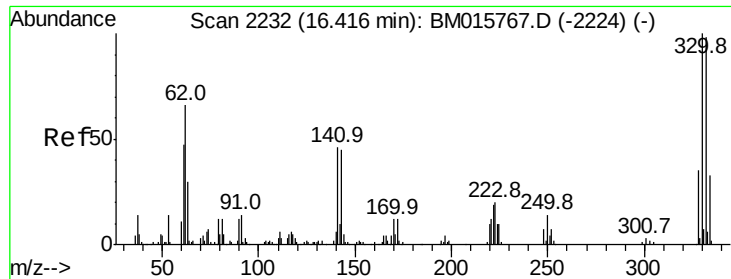
Tot Ion: 82 Resp: 541375
Ion Ratio Lower Upper
82 100
128 37.4 32.8 49.2
54 60.9 40.6 60.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.91 min Scan# 1976
Delta R.T. -0.02 min
Lab File: BM015924.D
Acq: 12 Jul 2018 20:44

Tgt Ion:164 Resp: 139815
Ion Ratio Lower Upper
164 100
162 104.5 82.4 123.6
160 47.5 35.8 53.6

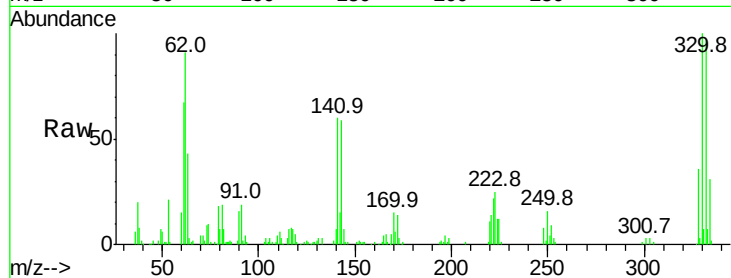




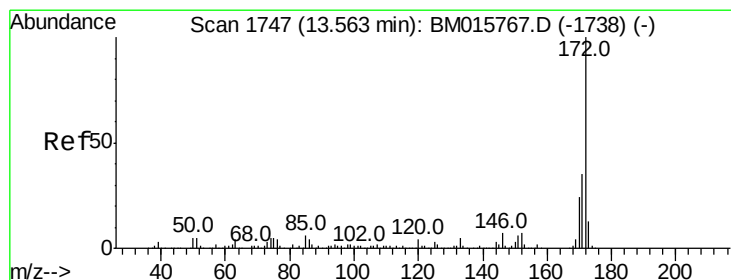
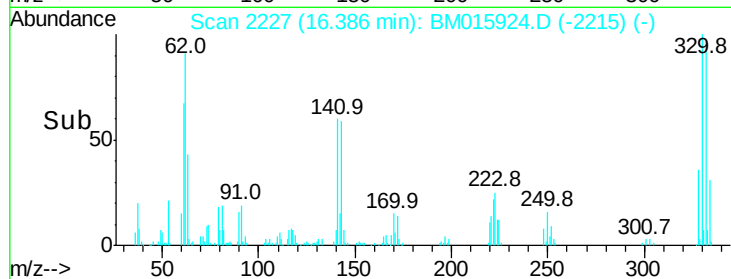
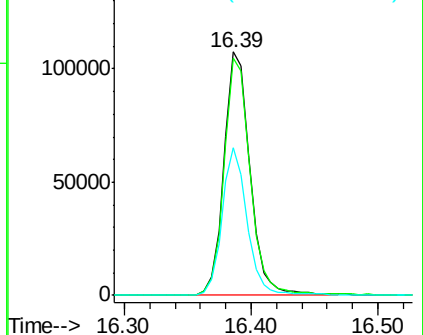
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.39 min Scan# 2227
 Delta R.T. -0.03 min
 Lab File: BM015924.D
 Acq: 12 Jul 2018 20:44

Instrument :
 BNA_M
 ClientSampleId :
 PB111042BL

Tot Ion:330 Resp: 153540
 Ion Ratio Lower Upper
 330 100
 332 97.3 0.0 0.0#
 141 58.3 0.0 0.0#

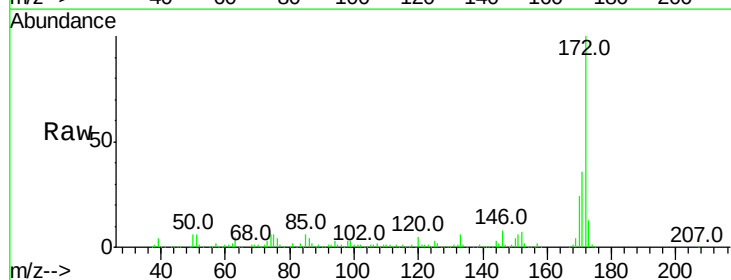


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

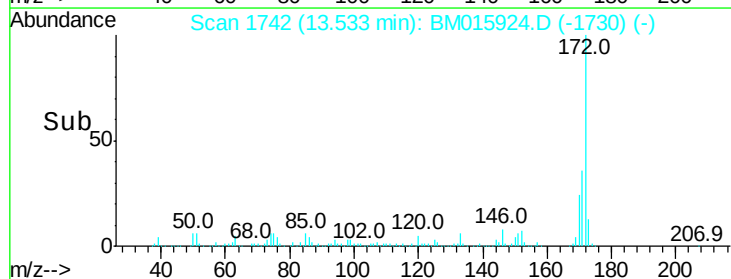
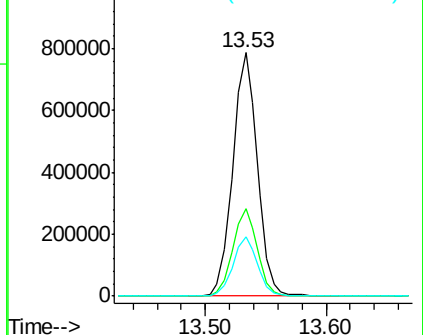


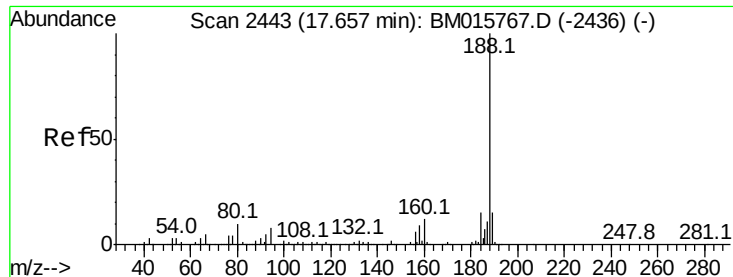
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.53 min Scan# 1742
 Delta R.T. -0.03 min
 Lab File: BM015924.D
 Acq: 12 Jul 2018 20:44

Tgt Ion:172 Resp: 1120799
 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

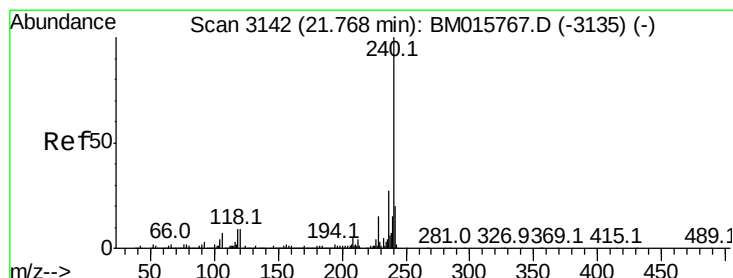
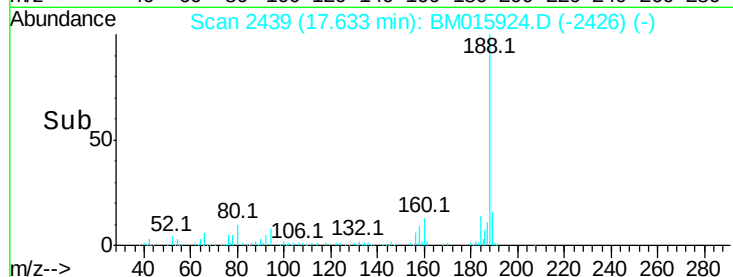
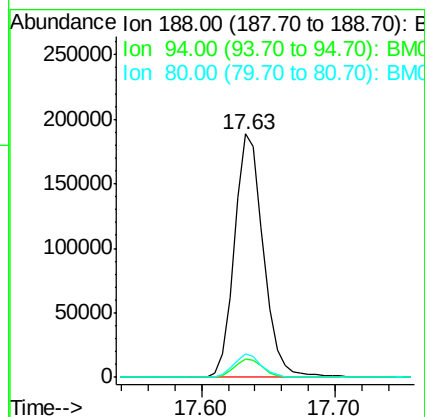
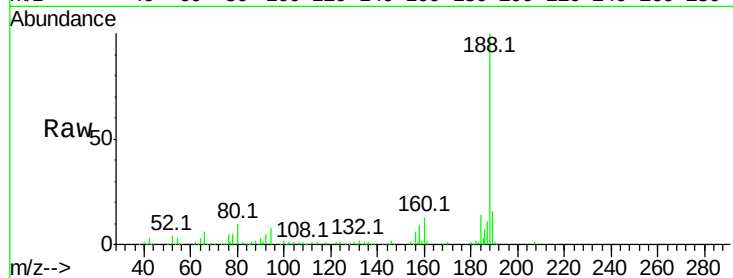




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.63 min Scan# 2439
Delta R.T. -0.02 min
Lab File: BM015924.D
Acq: 12 Jul 2018 20:44

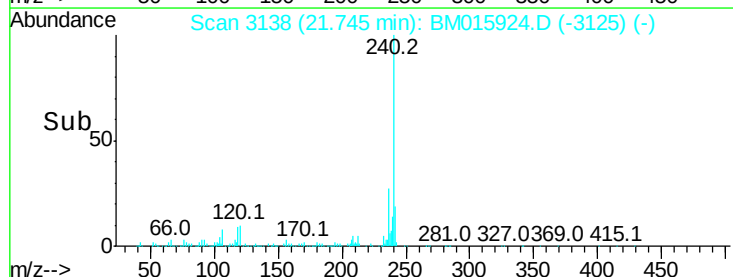
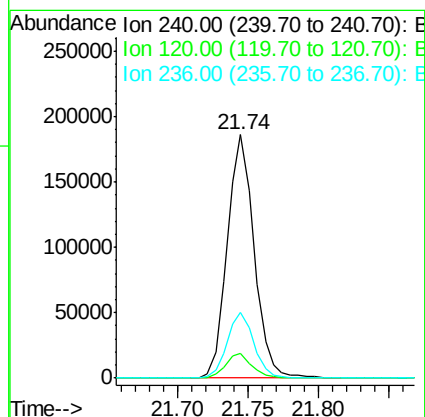
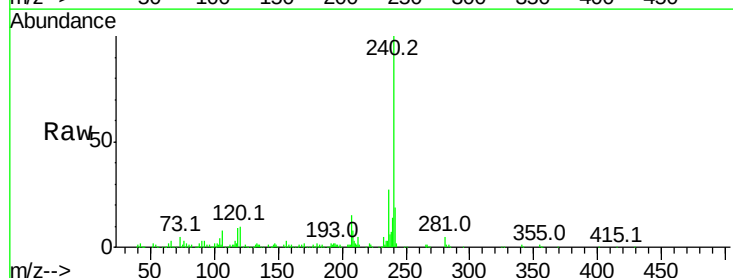
Instrument :
BNA_M
ClientSampleId :
PB111042BL

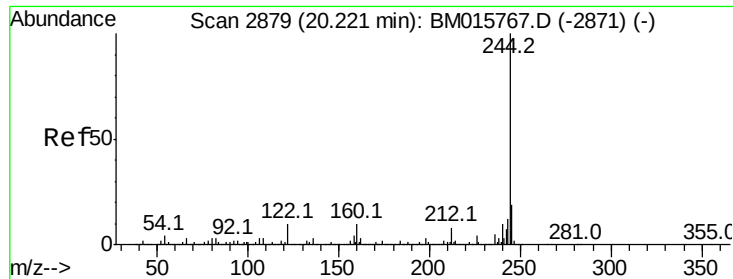
Tot Ion:188 Resp: 283902
Ion Ratio Lower Upper
188 100
94 7.7 8.7 13.1#
80 9.9 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3138
Delta R.T. -0.02 min
Lab File: BM015924.D
Acq: 12 Jul 2018 20:44

Tgt Ion:240 Resp: 246042
Ion Ratio Lower Upper
240 100
120 10.1 8.2 12.2
236 26.8 20.0 30.0

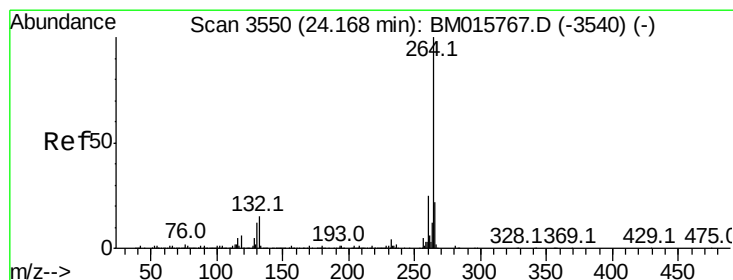
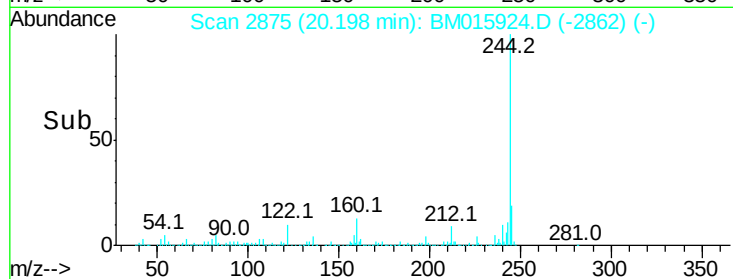
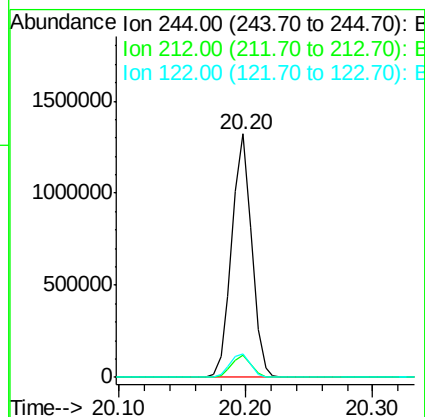
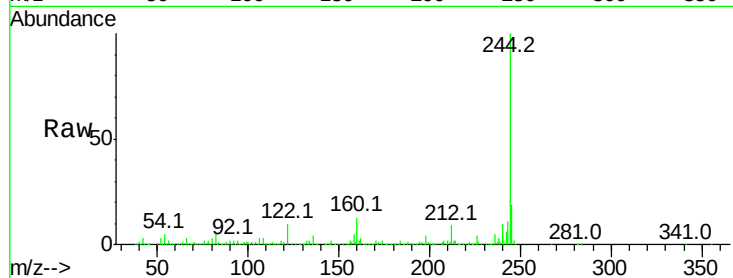




#78
 Terphenyl-d14
 Concen: N.D. ng
 RT: 20.20 min Scan# 2875
 Delta R.T. -0.02 min
 Lab File: BM015924.D
 Acq: 12 Jul 2018 20:44

Instrument :
 BNA_M
 ClientSampleId :
 PB111042BL

Tot Ion:244 Resp: 1428884
 Ion Ratio Lower Upper
 244 100
 212 9.0 4.9 7.3#
 122 9.8 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.14 min Scan# 3545
 Delta R.T. -0.03 min
 Lab File: BM015924.D
 Acq: 12 Jul 2018 20:44

Tgt Ion:264 Resp: 255830
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.6 27.8
 265 23.3 17.3 25.9

