

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080417\
 Data File : BM011123.D
 Acq On : 04 Aug 2017 18:34
 Operator : SJ/JU
 Sample : I4562-18
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JC-02-080117-F

Quant Time: Aug 05 04:16:03 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 17:29:06 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	153630	20.00	ng	-0.07
21) Naphthalene-d8	10.08	136	462794	20.00	ng	-0.07
38) Acenaphthene-d10	13.99	164	424160	20.00	ng	-0.06
63) Phenanthrene-d10	16.74	188	858541	20.00	ng	-0.06
75) Chrysene-d12	20.97	240	1034182	20.00	ng	-0.06
86) Perylene-d12	23.06	264	1324974	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	1436180	158.03	ng	-0.06
7) Phenol-d6	6.53	99	1793660	138.91	ng	-0.06
23) Nitrobenzene-d5	8.47	82	1273337	103.26	ng	-0.07
41) 2,4,6-Tribromophenol	15.49	330	1094437	160.98	ng	-0.06
44) 2-Fluorobiphenyl	12.59	172	3048067	90.12	ng	-0.07
78) Terphenyl-d14	19.42	244	6000365	114.93	ng	-0.05

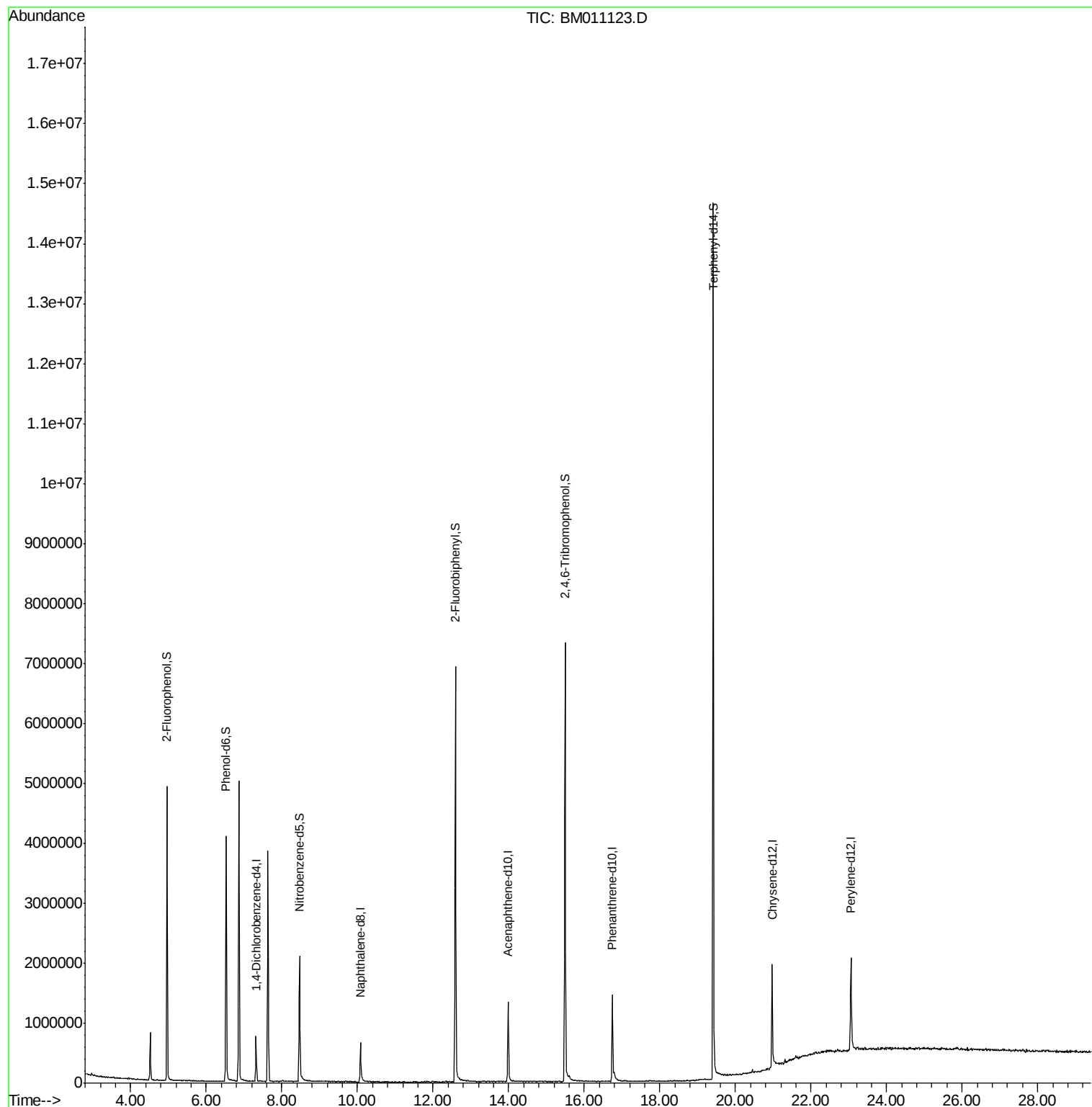
Target Compounds Qvalue

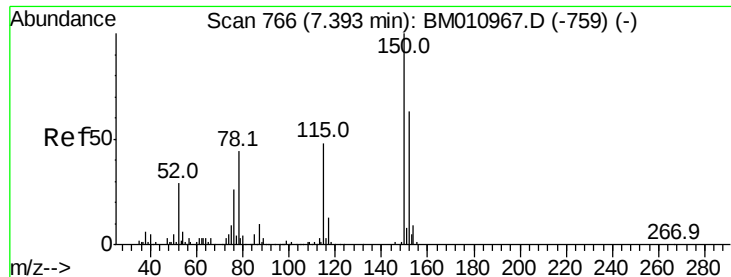
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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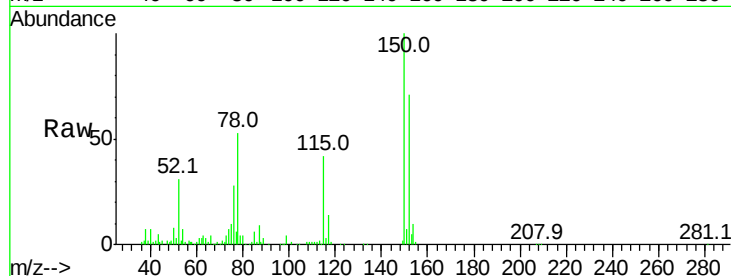


#1

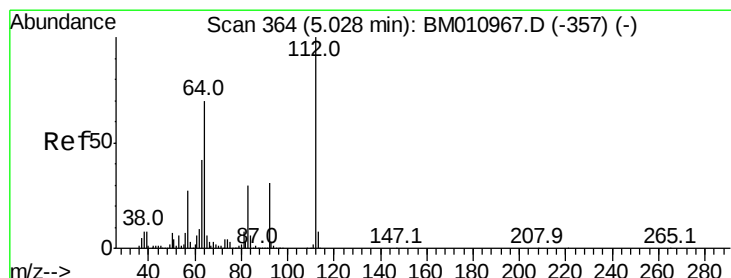
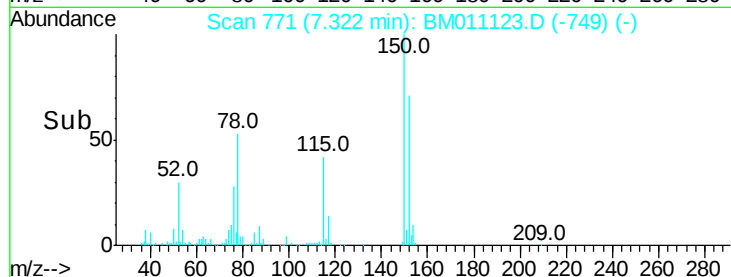
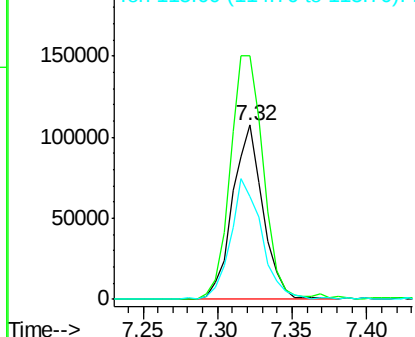
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.32 min Scan# 771
Delta R.T. -0.07 min
Lab File: BM011123.D
Acq: 04 Aug 2017 18:34

Instrument :
BNA_M
ClientSampleId :
JC-02-080117-F

Tot Ion:152 Resp: 153630
Ion Ratio Lower Upper
152 100
150 139.9 119.5 179.3
115 59.4 43.0 64.4



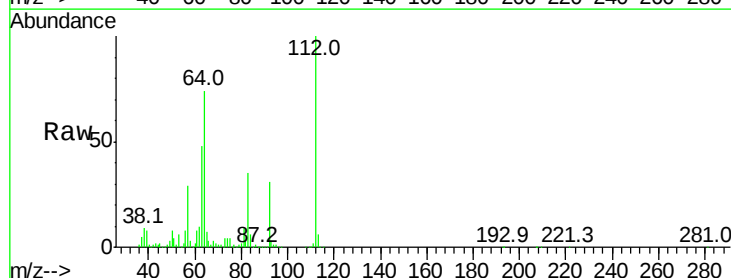
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



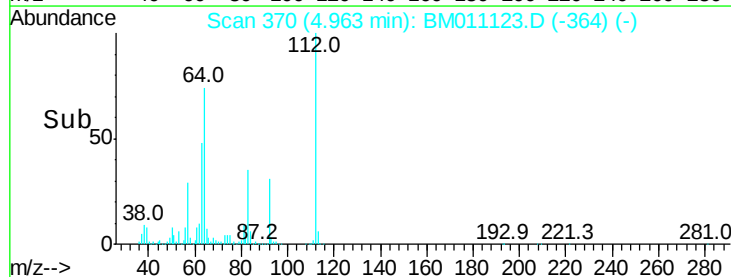
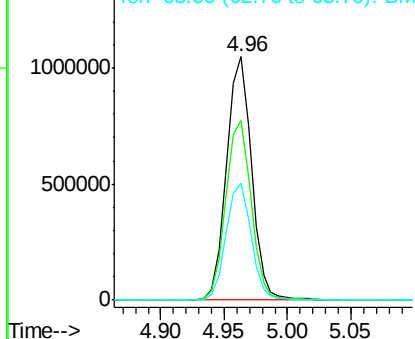
#5

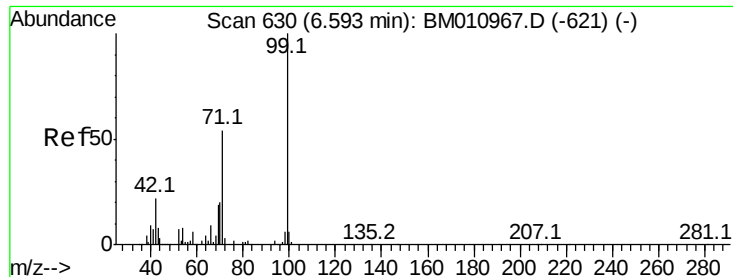
2-Fluorophenol
Concen: 158.027 ng
RT: 4.96 min Scan# 370
Delta R.T. -0.06 min
Lab File: BM011123.D
Acq: 04 Aug 2017 18:34

Tgt Ion:112 Resp: 1436180
Ion Ratio Lower Upper
112 100
64 73.9 38.6 57.8#
63 48.0 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: 138.907 ng

RT: 6.53 min Scan# 636

Delta R.T. -0.06 min

Lab File: BM011123.D

Acq: 04 Aug 2017 18:34

Instrument :

BNA_M

ClientSampleId :

JC-02-080117-F

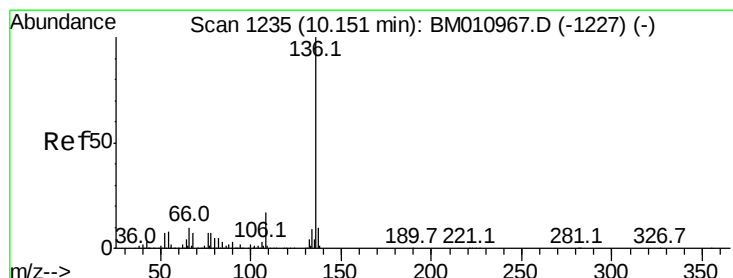
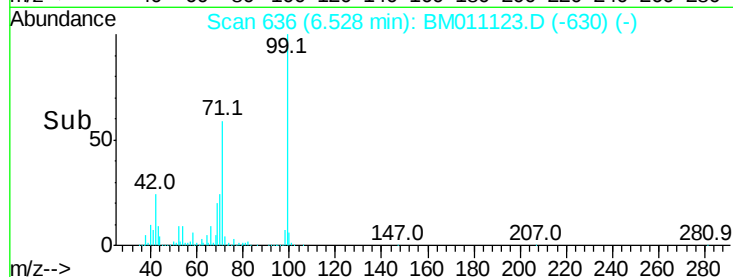
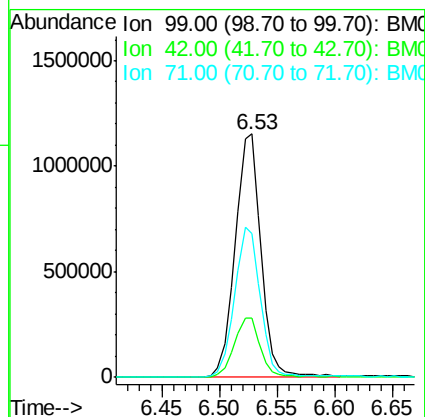
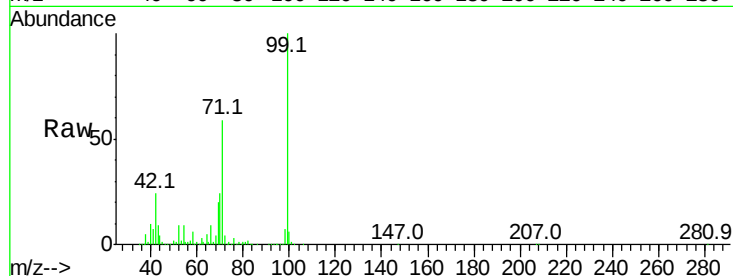
Tot Ion: 99 Resp: 1793660

Ion Ratio Lower Upper

99 100

42 24.4 11.0 16.4#

71 59.0 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.08 min Scan# 1240

Delta R.T. -0.07 min

Lab File: BM011123.D

Acq: 04 Aug 2017 18:34

Tgt Ion: 136 Resp: 462794

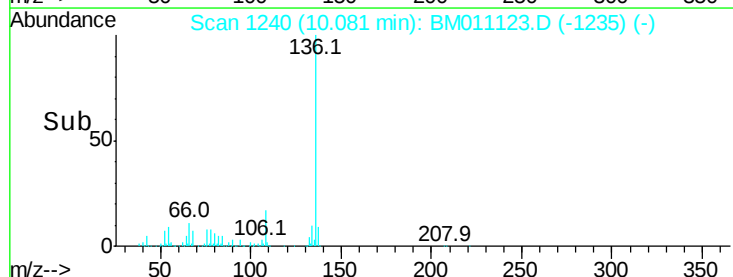
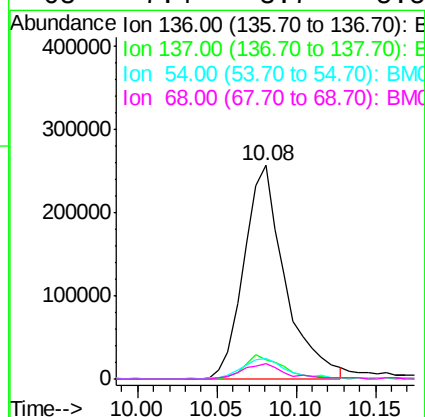
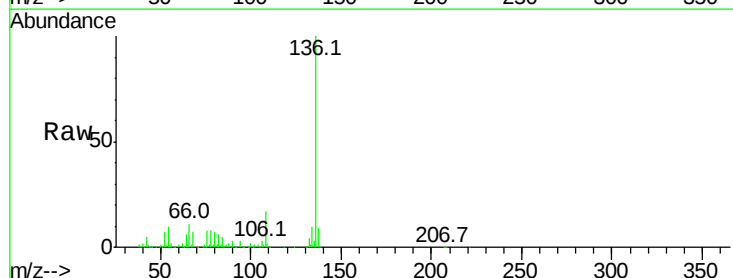
Ion Ratio Lower Upper

136 100

137 9.2 8.7 13.1

54 9.6 4.6 6.8#

68 7.4 3.7 5.5#

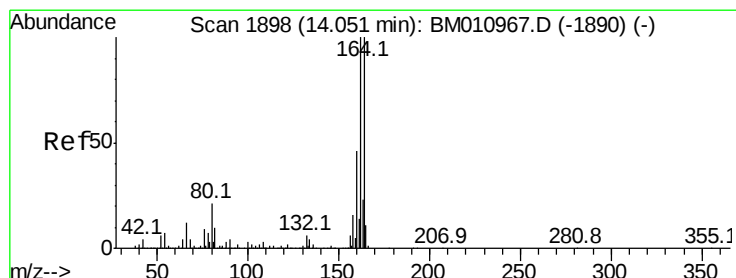
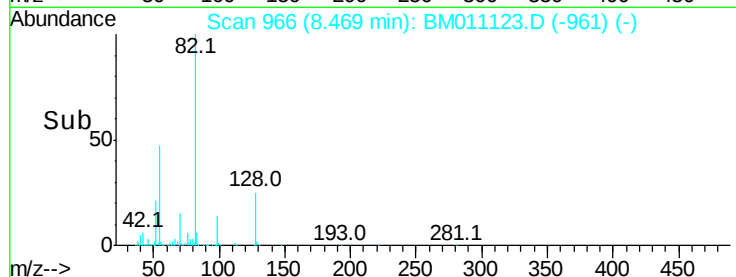
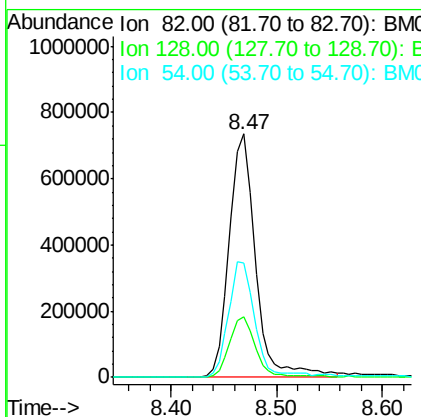
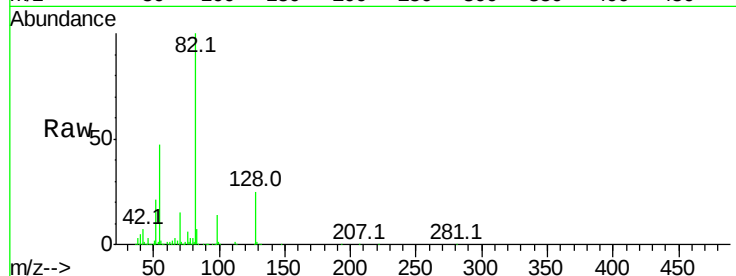




#23
 Nitrobenzene-d5
 Concen: 103.265 ng
 RT: 8.47 min Scan# 966
 Delta R.T. -0.07 min
 Lab File: BM011123.D
 Acq: 04 Aug 2017 18:34

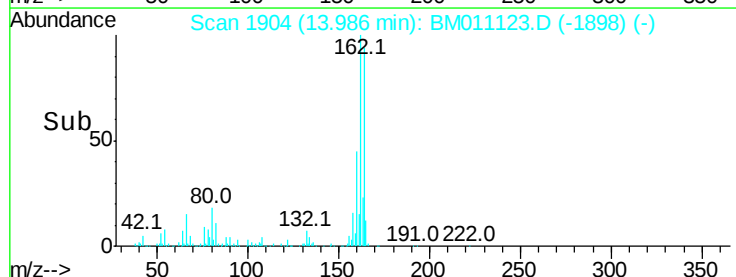
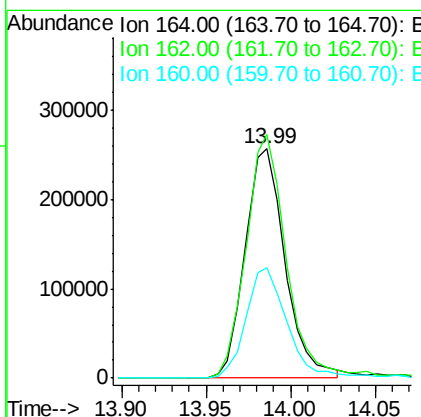
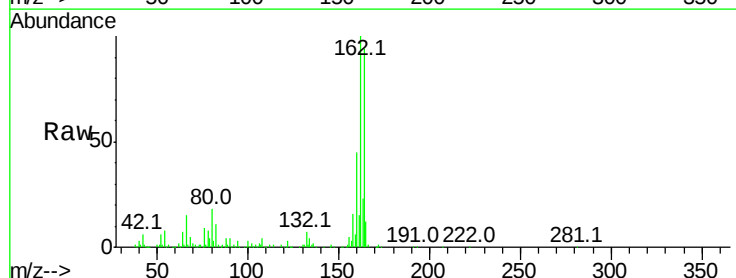
Instrument :
 BNA_M
 ClientSampleId :
 JC-02-080117-F

Tot Ion: 82 Resp: 1273337
 Ion Ratio Lower Upper
 82 100
 128 25.1 32.8 49.2#
 54 47.1 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.99 min Scan# 1904
 Delta R.T. -0.06 min
 Lab File: BM011123.D
 Acq: 04 Aug 2017 18:34

Tgt Ion:164 Resp: 424160
 Ion Ratio Lower Upper
 164 100
 162 106.2 82.4 123.6
 160 48.0 35.8 53.6

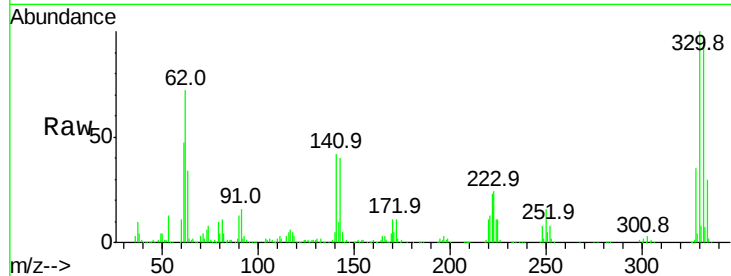




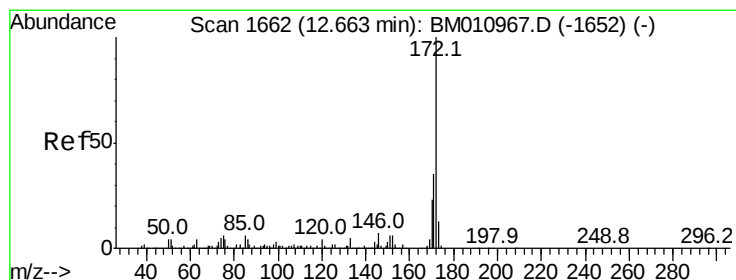
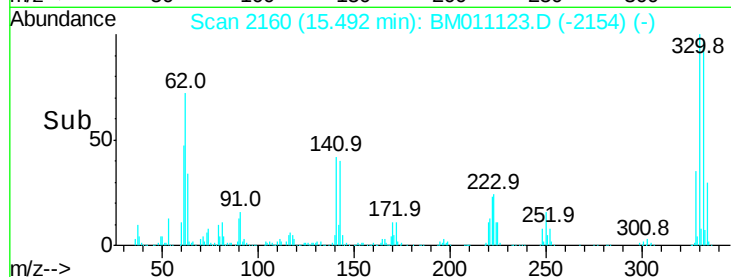
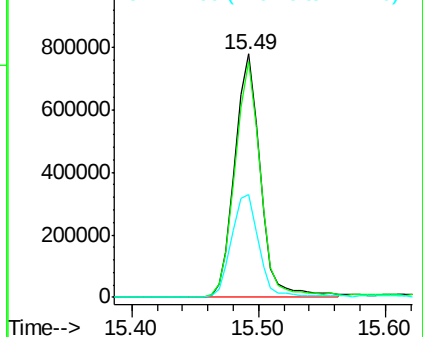
#41
 2,4,6-Tribromophenol
 Concen: 160.985 ng
 RT: 15.49 min Scan# 2160
 Delta R.T. -0.06 min
 Lab File: BM011123.D
 Acq: 04 Aug 2017 18:34

Instrument :
 BNA_M
 ClientSampleId :
 JC-02-080117-F

Tot Ion:330 Resp: 1094437
 Ion Ratio Lower Upper
 330 100
 332 96.7 0.0 0.0#
 141 45.1 0.0 0.0#

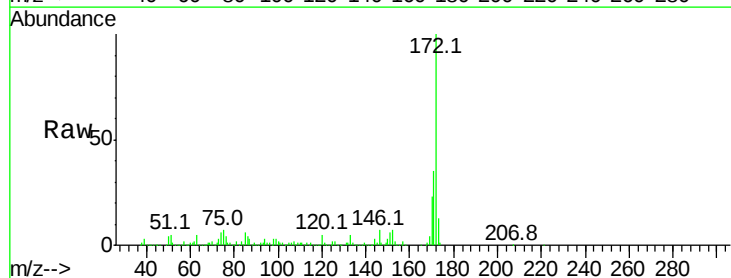


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

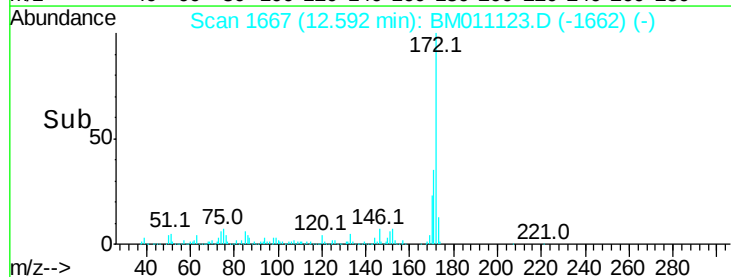
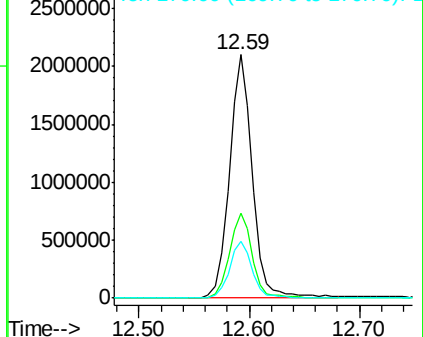


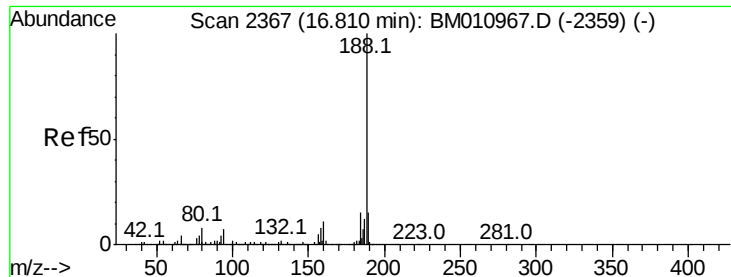
#44
 2-Fluorobiphenyl
 Concen: 90.124 ng
 RT: 12.59 min Scan# 1667
 Delta R.T. -0.07 min
 Lab File: BM011123.D
 Acq: 04 Aug 2017 18:34

Tgt Ion:172 Resp: 3048067
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.5 42.7
 170 23.1 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.74 min Scan# 2373

Delta R.T. -0.06 min

Lab File: BM011123.D

Acq: 04 Aug 2017 18:34

Instrument :

BNA_M

ClientSampleId :

JC-02-080117-F

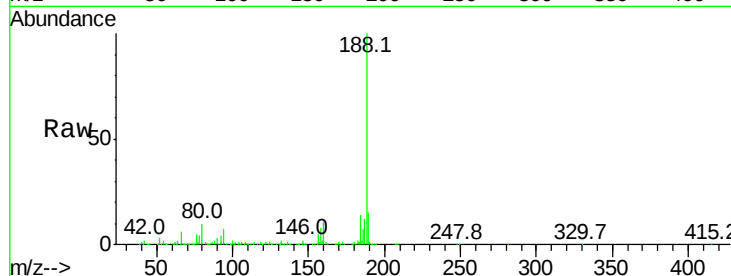
Tot Ion:188 Resp: 858541

Ion Ratio Lower Upper

188 100

94 7.5 8.7 13.1#

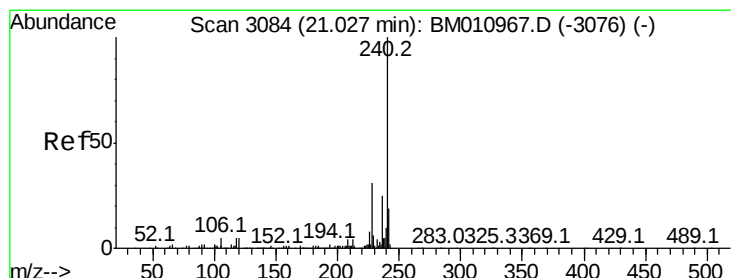
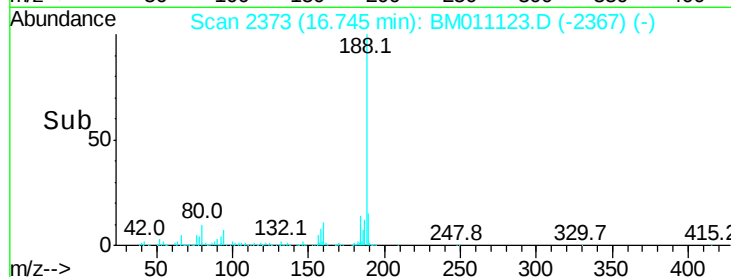
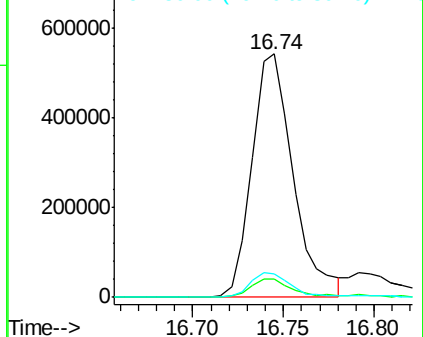
80 9.8 9.3 13.9



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: 20.97 min Scan# 3091

Delta R.T. -0.06 min

Lab File: BM011123.D

Acq: 04 Aug 2017 18:34

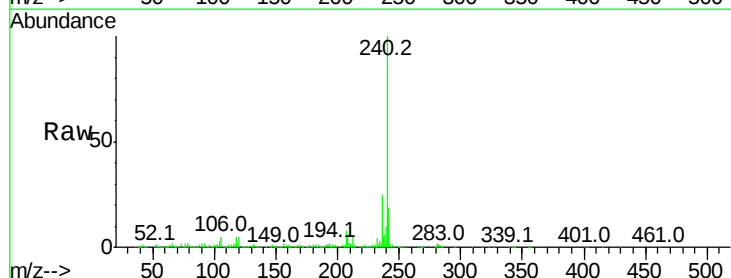
Tgt Ion:240 Resp: 1034182

Ion Ratio Lower Upper

240 100

120 5.2 8.2 12.2#

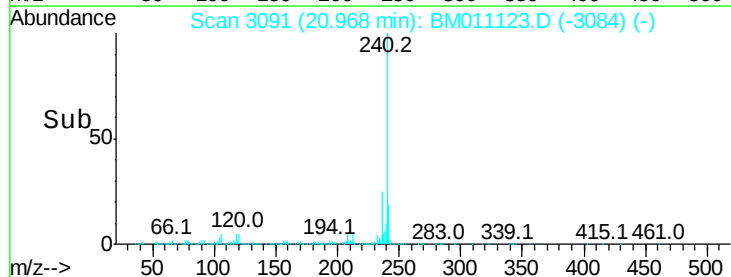
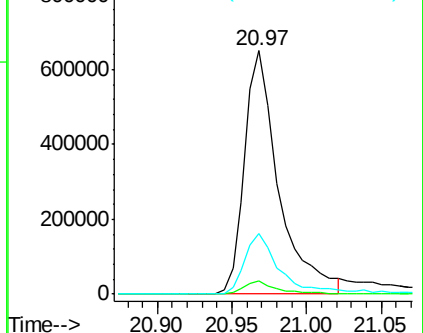
236 24.9 20.0 30.0

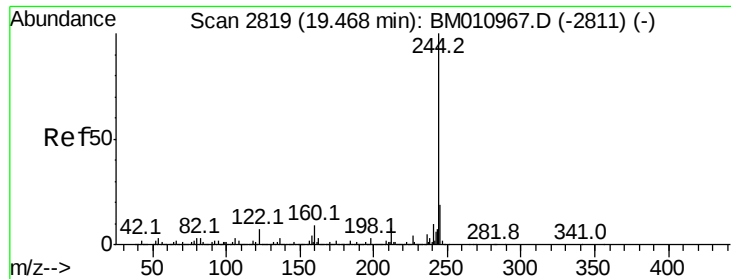


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 114.931 ng

RT: 19.42 min Scan# 2827

Delta R.T. -0.05 min

Lab File: BM011123.D

Acq: 04 Aug 2017 18:34

Instrument :

BNA_M

ClientSampleId :

JC-02-080117-F

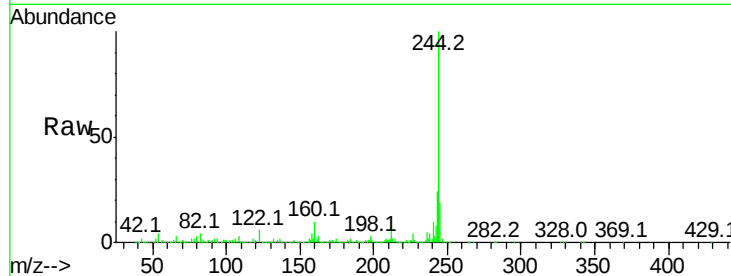
Tot Ion:244 Resp: 6000365

Ion Ratio Lower Upper

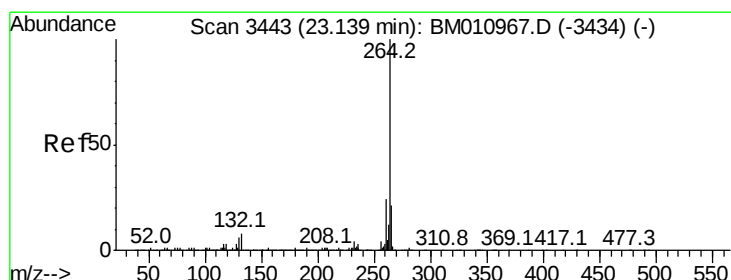
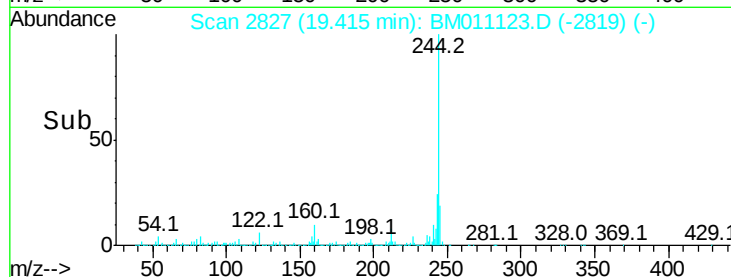
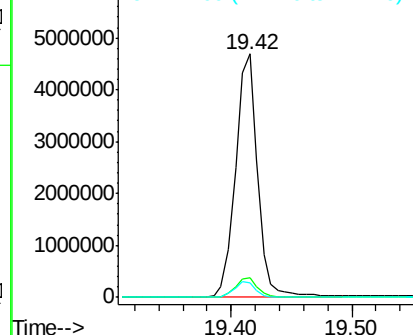
244 100

212 8.0 4.9 7.3#

122 5.7 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

Perylene-d12

Concen: 20.000 ng

RT: 23.06 min Scan# 3446

Delta R.T. -0.08 min

Lab File: BM011123.D

Acq: 04 Aug 2017 18:34

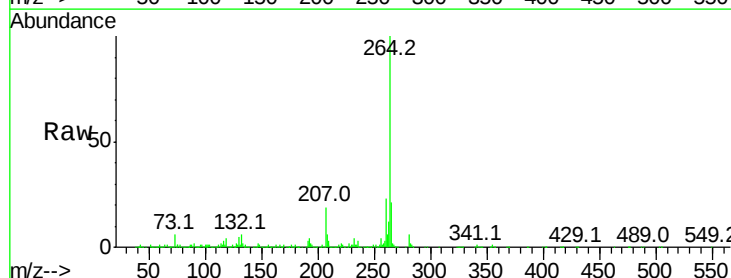
Tgt Ion:264 Resp: 1324974

Ion Ratio Lower Upper

264 100

260 23.1 18.6 27.8

265 21.5 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

