

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080917\
 Data File : BM011184.D
 Acq On : 09 Aug 2017 20:57
 Operator : SJ/JU
 Sample : I4638-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-COMP

Quant Time: Aug 10 02:17:23 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	7.30	152	125477	20.00	ng	-0.09
21) Naphthalene-d8	10.05	136	420399	20.00	ng	-0.10
38) Acenaphthene-d10	13.96	164	267339	20.00	ng	-0.09
63) Phenanthrene-d10	16.72	188	678080	20.00	ng	-0.09
75) Chrysene-d12	20.94	240	951384	20.00	ng	-0.08
86) Perylene-d12	23.02	264	760598	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	4.94	112	1055568	142.21	ng	-0.09
7) Phenol-d6	6.50	99	1306484	123.88	ng	-0.09
23) Nitrobenzene-d5	8.45	82	1339963	119.63	ng	-0.09
41) 2,4,6-Tribromophenol	15.47	330	650306	151.77	ng	-0.09
44) 2-Fluorobiphenyl	12.57	172	2186941	102.59	ng	-0.09
78) Terphenyl-d14	19.39	244	3987504	83.02	ng	-0.08

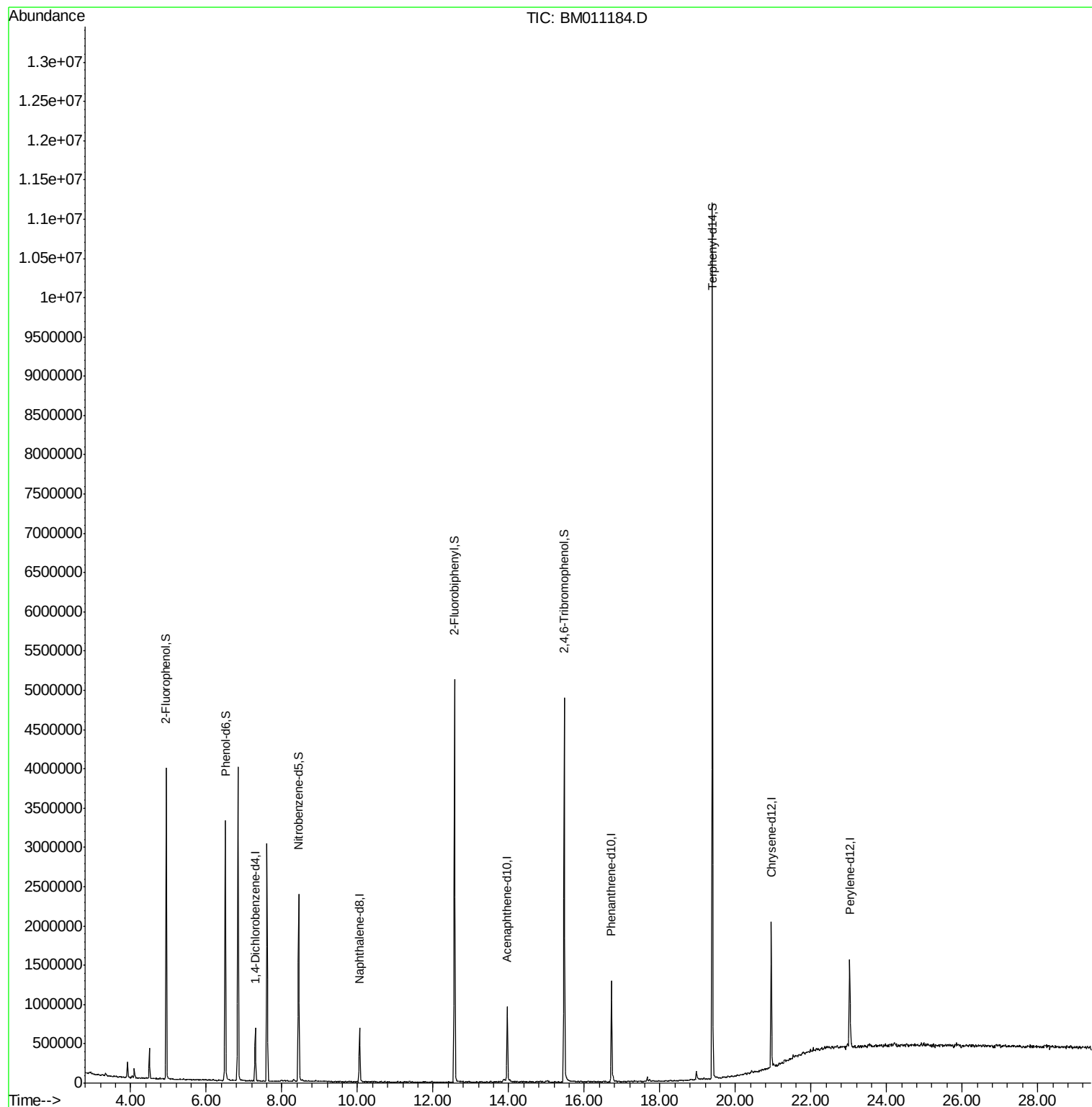
Target Compounds Qvalue

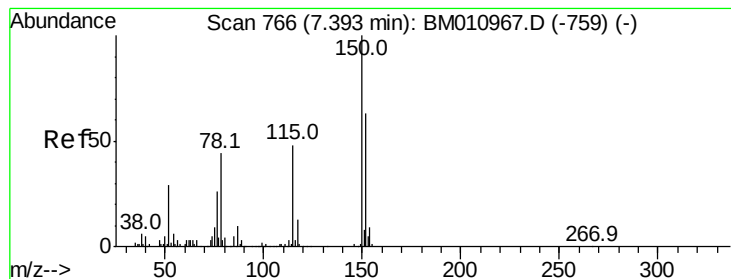
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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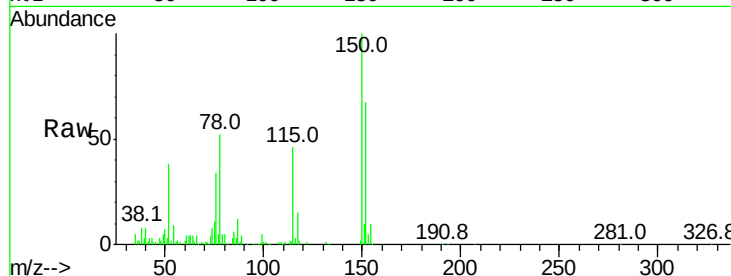


#1

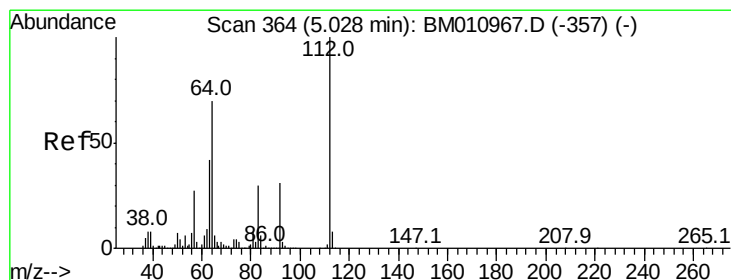
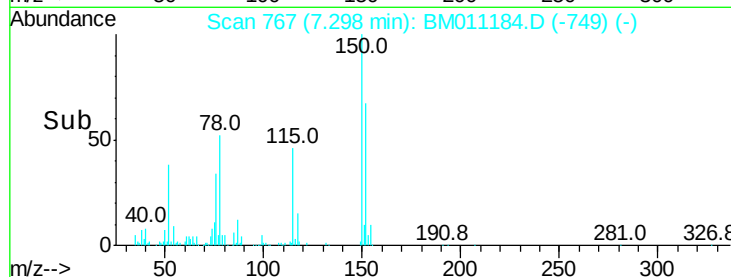
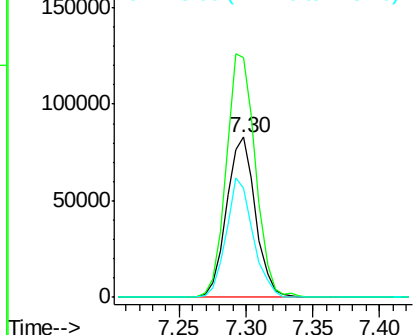
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.30 min Scan# 767
Delta R.T. -0.09 min
Lab File: BM011184.D
Acq: 09 Aug 2017 20:57

Instrument :
BNA_M
ClientSampleId :
SP-COMP

Tot Ion:152 Resp: 125477
Ion Ratio Lower Upper
152 100
150 149.8 119.5 179.3
115 68.4 43.0 64.4#



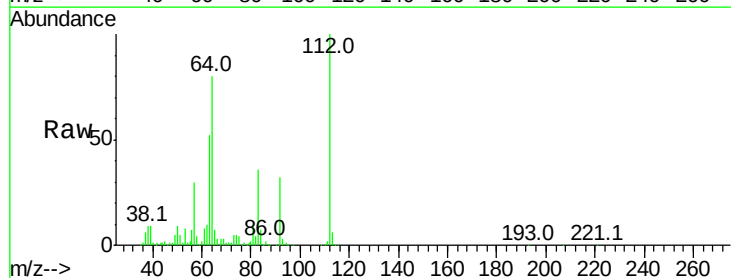
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



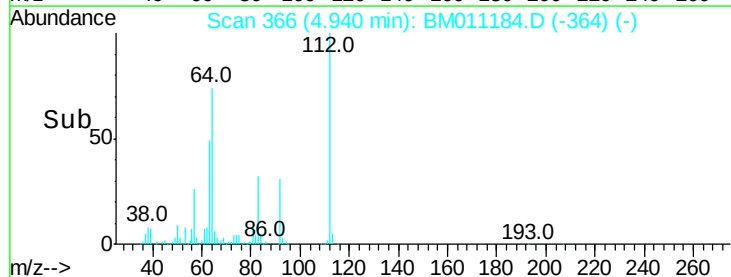
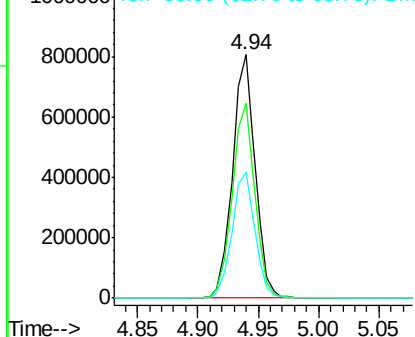
#5

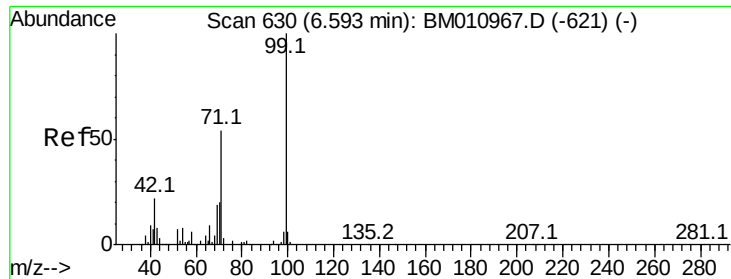
2-Fluorophenol
Concen: 142.207 ng
RT: 4.94 min Scan# 366
Delta R.T. -0.09 min
Lab File: BM011184.D
Acq: 09 Aug 2017 20:57

Tgt Ion:112 Resp: 1055568
Ion Ratio Lower Upper
112 100
64 79.8 38.6 57.8#
63 51.8 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: 123.880 ng

RT: 6.50 min Scan# 632

Delta R.T. -0.09 min

Lab File: BM011184.D

Acq: 09 Aug 2017 20:57

Instrument :

BNA_M

ClientSampleId :

SP-COMP

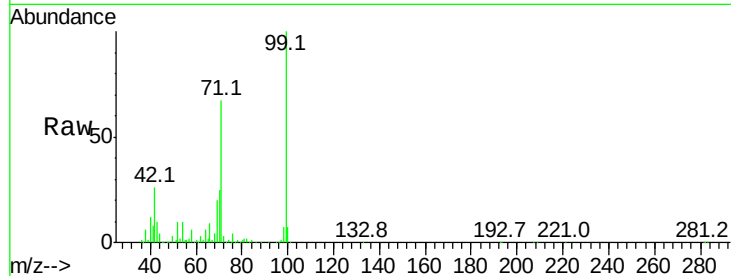
Tot Ion: 99 Resp: 1306484

Ion Ratio Lower Upper

99 100

42 26.0 11.0 16.4#

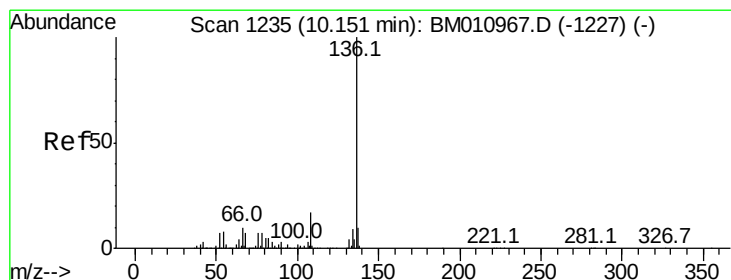
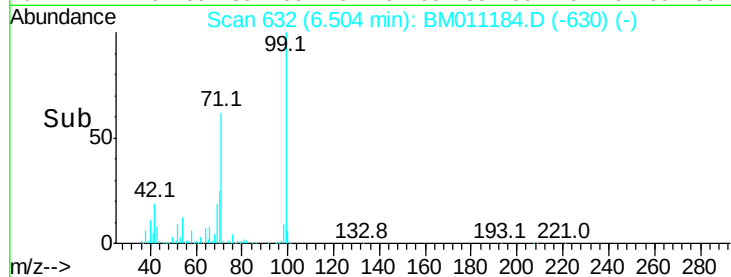
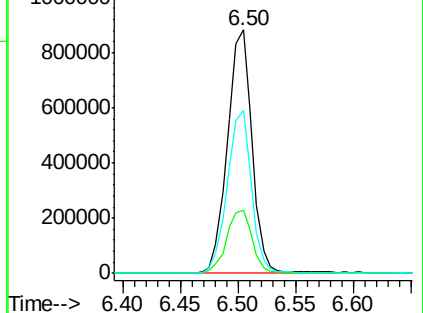
71 66.9 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010967.D (-621) (-)

Ion 42.00 (41.70 to 42.70): BM010967.D (-621) (-)

Ion 71.00 (70.70 to 71.70): BM010967.D (-621) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.05 min Scan# 1235

Delta R.T. -0.10 min

Lab File: BM011184.D

Acq: 09 Aug 2017 20:57

Tgt Ion: 136 Resp: 420399

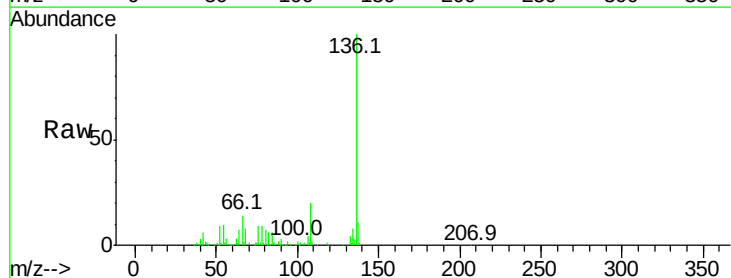
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 10.1 4.6 6.8#

68 7.9 3.7 5.5#

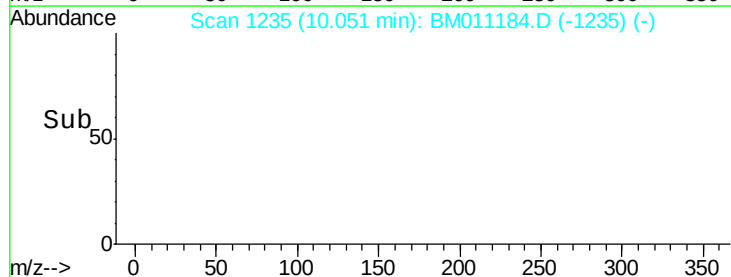
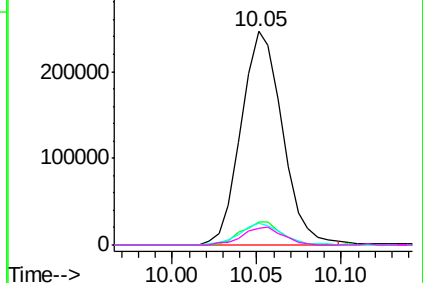


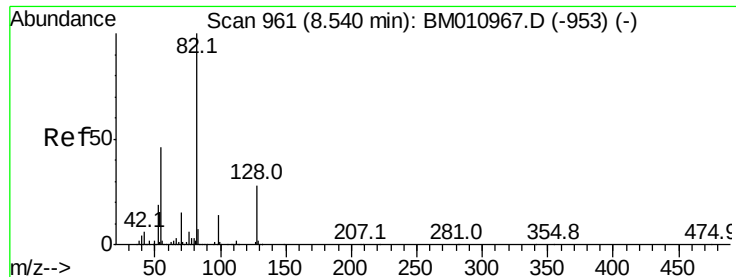
Abundance Ion 136.00 (135.70 to 136.70): BM010967.D (-1227) (-)

Ion 137.00 (136.70 to 137.70): BM010967.D (-1227) (-)

Ion 54.00 (53.70 to 54.70): BM010967.D (-1227) (-)

Ion 68.00 (67.70 to 68.70): BM010967.D (-1227) (-)





#23

Nitrobenzene-d5

Concen: 119.627 ng

RT: 8.45 min Scan# 962

Delta R.T. -0.09 min

Lab File: BM011184.D

Acq: 09 Aug 2017 20:57

Instrument :

BNA_M

ClientSampleId :

SP-COMP

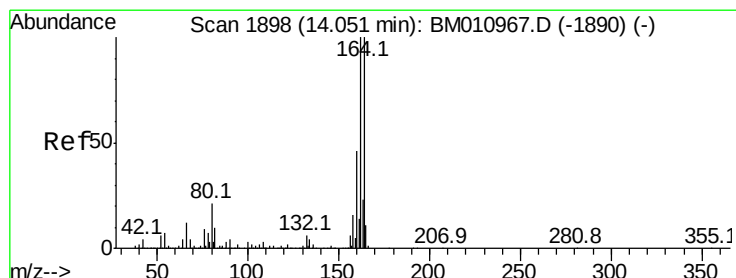
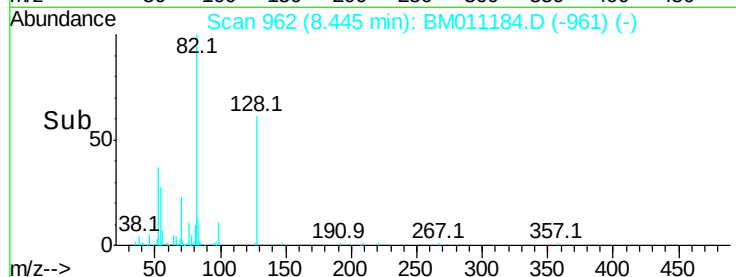
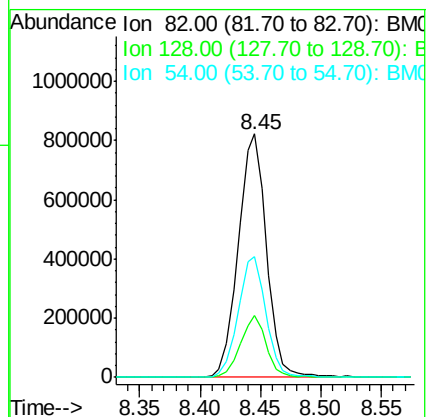
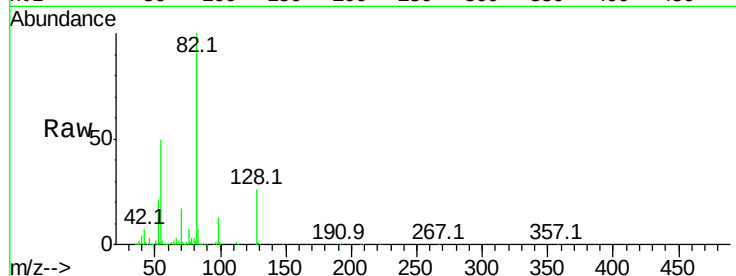
Tot Ion: 82 Resp: 1339963

Ion Ratio Lower Upper

82 100

128 25.6 32.8 49.2#

54 49.7 40.6 60.8



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.96 min Scan# 1900

Delta R.T. -0.09 min

Lab File: BM011184.D

Acq: 09 Aug 2017 20:57

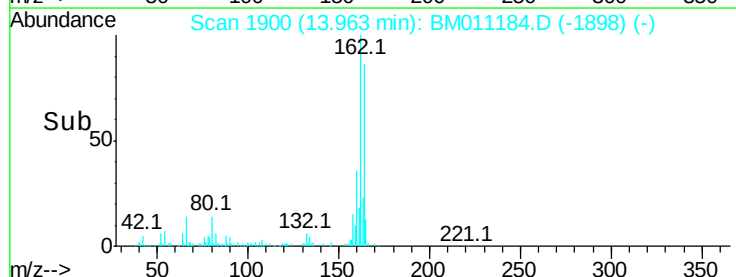
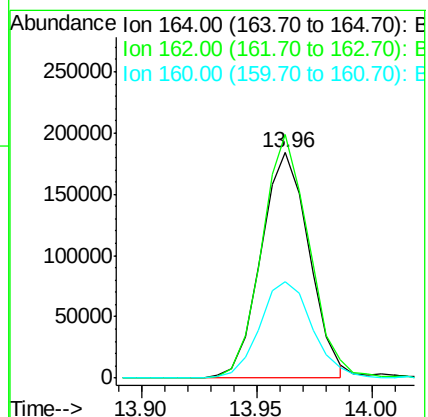
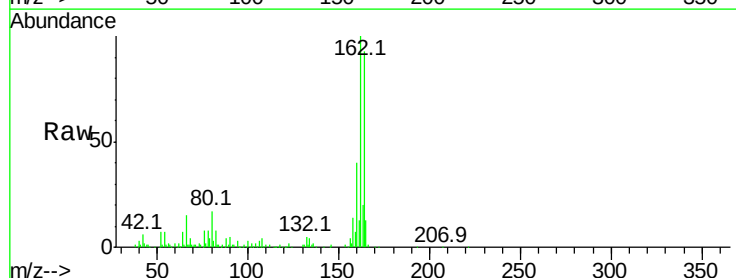
Tgt Ion:164 Resp: 267339

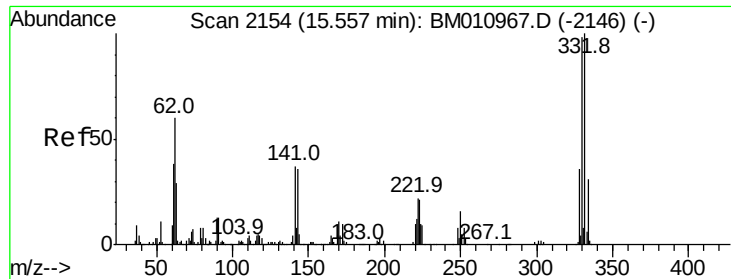
Ion Ratio Lower Upper

164 100

162 107.9 82.4 123.6

160 42.9 35.8 53.6

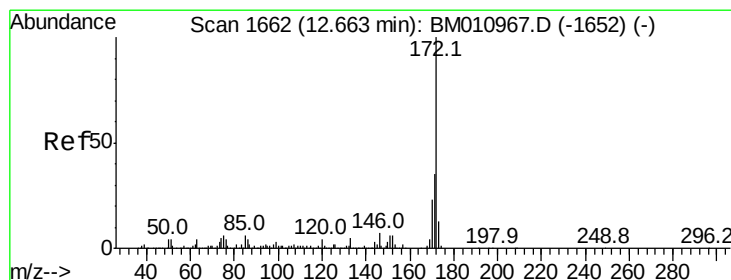
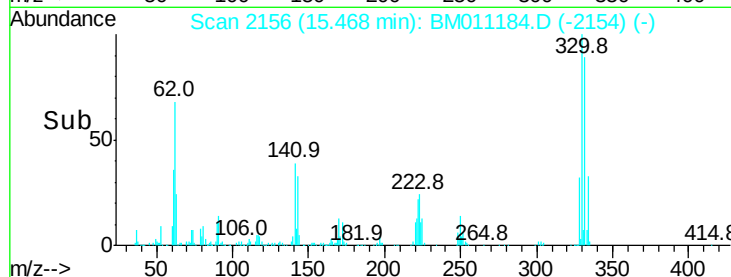
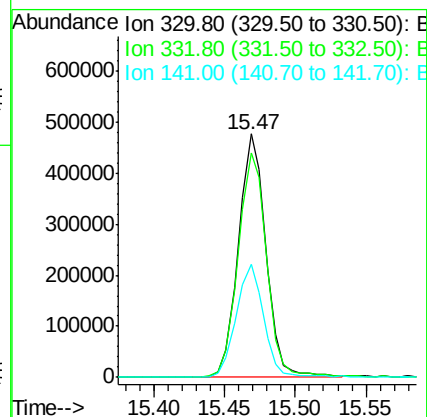
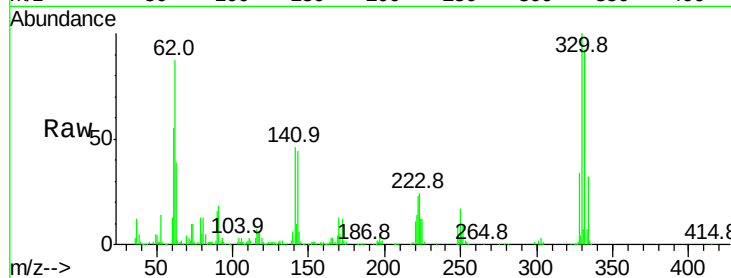




#41
 2,4,6-Tribromophenol
 Concen: 151.767 ng
 RT: 15.47 min Scan# 2156
 Delta R.T. -0.09 min
 Lab File: BM011184.D
 Acq: 09 Aug 2017 20:57

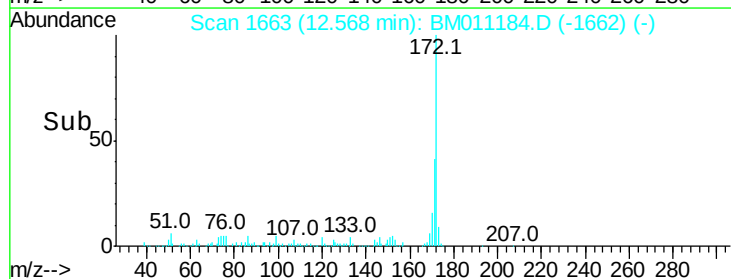
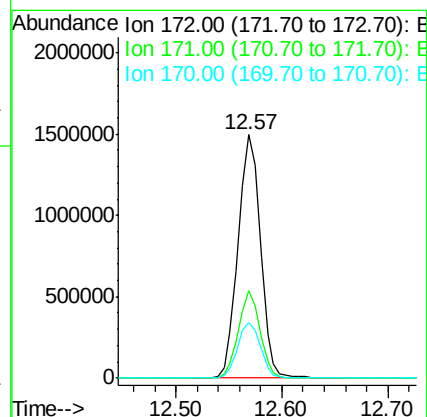
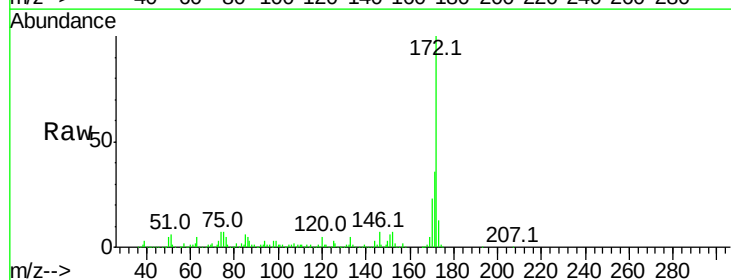
Instrument :
 BNA_M
 ClientSampleId :
 SP-COMP

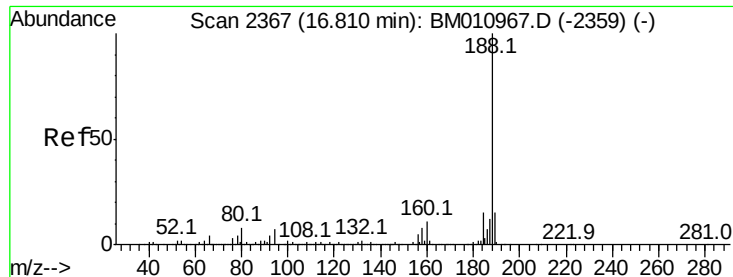
Tot Ion:330 Resp: 650306
 Ion Ratio Lower Upper
 330 100
 332 94.5 0.0 0.0#
 141 46.3 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 102.593 ng
 RT: 12.57 min Scan# 1663
 Delta R.T. -0.09 min
 Lab File: BM011184.D
 Acq: 09 Aug 2017 20:57

Tgt Ion:172 Resp: 2186941
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.5 42.7
 170 22.7 18.8 28.2

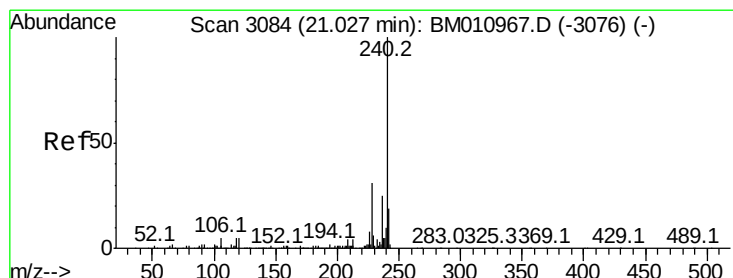
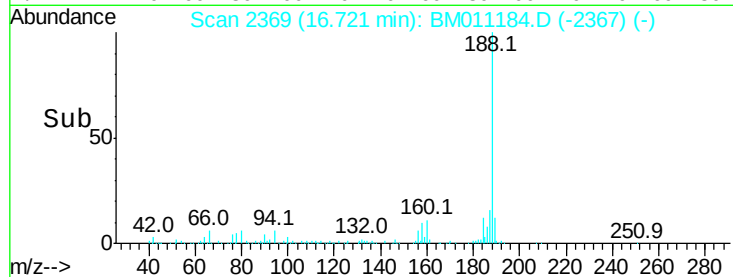
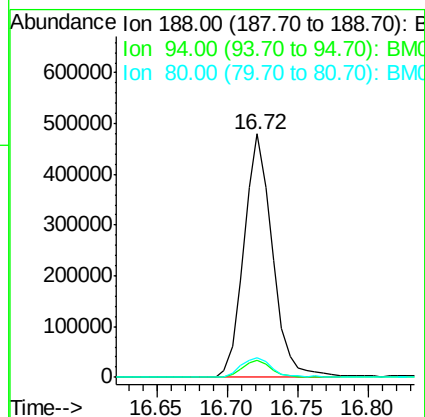
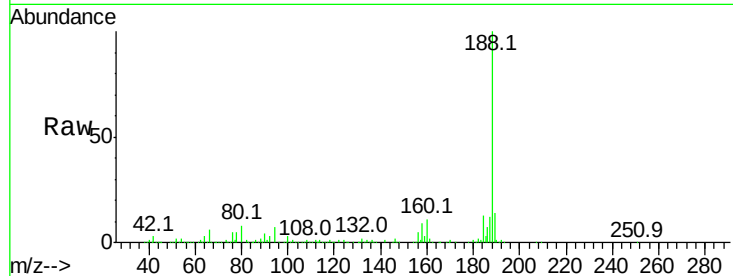




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.72 min Scan# 2369
Delta R.T. -0.09 min
Lab File: BM011184.D
Acq: 09 Aug 2017 20:57

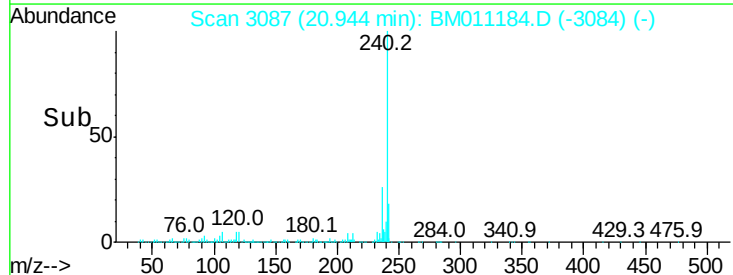
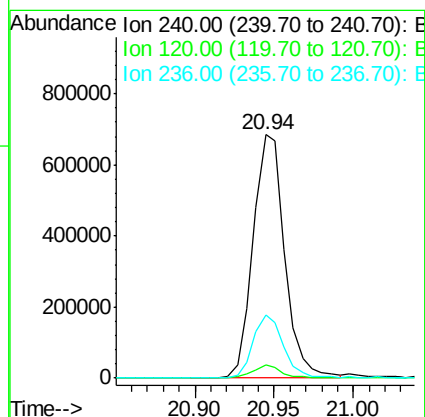
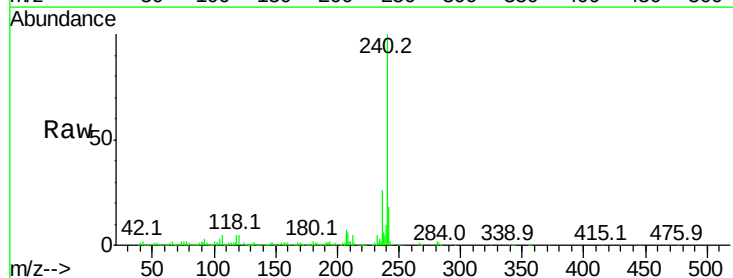
Instrument :
BNA_M
ClientSampleId :
SP-COMP

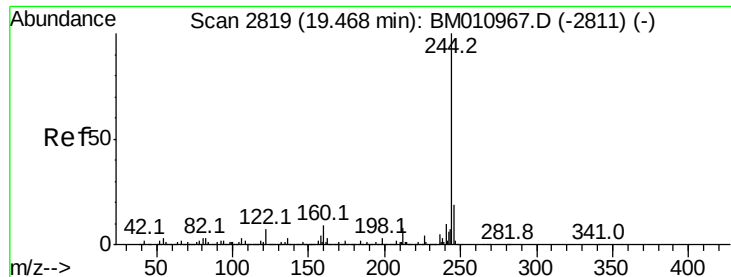
Tot Ion:188 Resp: 678080
Ion Ratio Lower Upper
188 100
94 6.9 8.7 13.1#
80 8.2 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.94 min Scan# 3087
Delta R.T. -0.08 min
Lab File: BM011184.D
Acq: 09 Aug 2017 20:57

Tgt Ion:240 Resp: 951384
Ion Ratio Lower Upper
240 100
120 5.4 8.2 12.2#
236 26.2 20.0 30.0





#78

Terphenyl-d14

Concen: 83.024 ng

RT: 19.39 min Scan# 2823

Delta R.T. -0.08 min

Lab File: BM011184.D

Acq: 09 Aug 2017 20:57

Instrument :

BNA_M

ClientSampleId :

SP-COMP

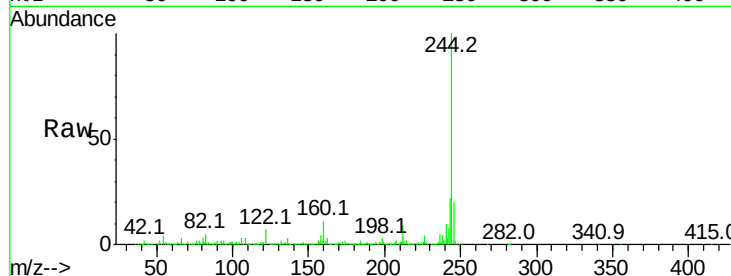
Tot Ion:244 Resp: 3987504

Ion Ratio Lower Upper

244 100

212 8.7 4.9 7.3#

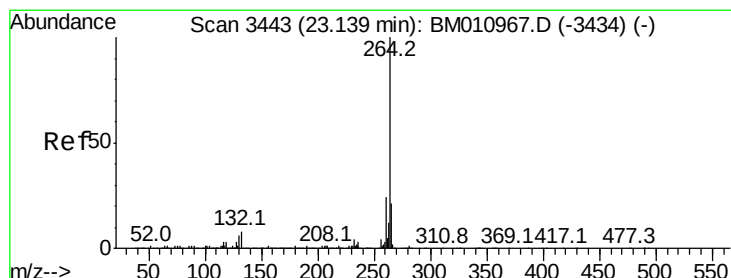
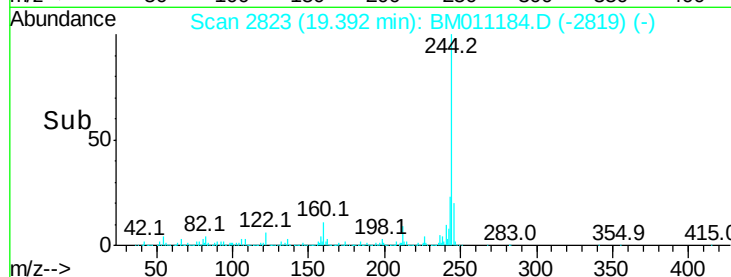
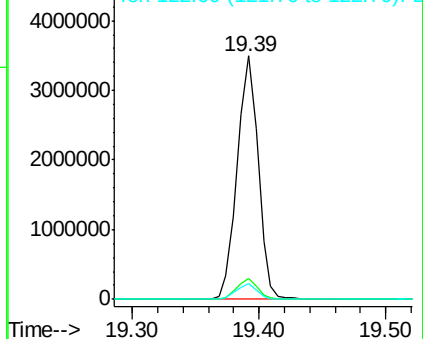
122 6.6 6.2 9.4



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: 23.02 min Scan# 3440

Delta R.T. -0.12 min

Lab File: BM011184.D

Acq: 09 Aug 2017 20:57

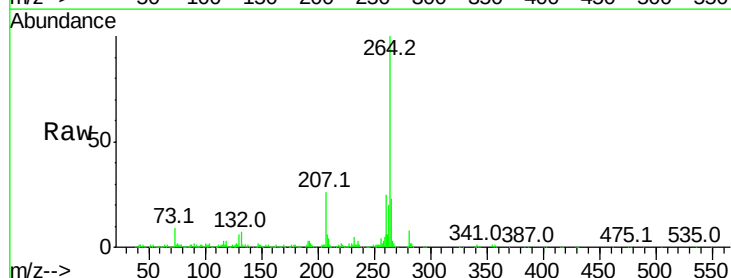
Tgt Ion:264 Resp: 760598

Ion Ratio Lower Upper

264 100

260 25.2 18.6 27.8

265 22.7 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

