

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080917\
 Data File : BM011195.D
 Acq On : 10 Aug 2017 08:05
 Operator : SJ/JU
 Sample : I4655-06RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 10 11:44:26 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	7.29	152	161801	20.00	ng	-0.10
21) Naphthalene-d8	10.05	136	568223	20.00	ng	-0.10
38) Acenaphthene-d10	13.96	164	367927	20.00	ng	-0.09
63) Phenanthrene-d10	16.72	188	953890	20.00	ng	-0.09
75) Chrysene-d12	20.94	240	1300315	20.00	ng	-0.08
86) Perylene-d12	23.03	264	1291697	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	4.94	112	1330773	139.03	ng	-0.09
7) Phenol-d6	6.50	99	1719788	126.46	ng	-0.09
23) Nitrobenzene-d5	8.45	82	1760769	116.30	ng	-0.09
41) 2,4,6-Tribromophenol	15.47	330	913815	154.96	ng	-0.09
44) 2-Fluorobiphenyl	12.57	172	3081472	105.04	ng	-0.09
78) Terphenyl-d14	19.39	244	5291832	80.61	ng	-0.08

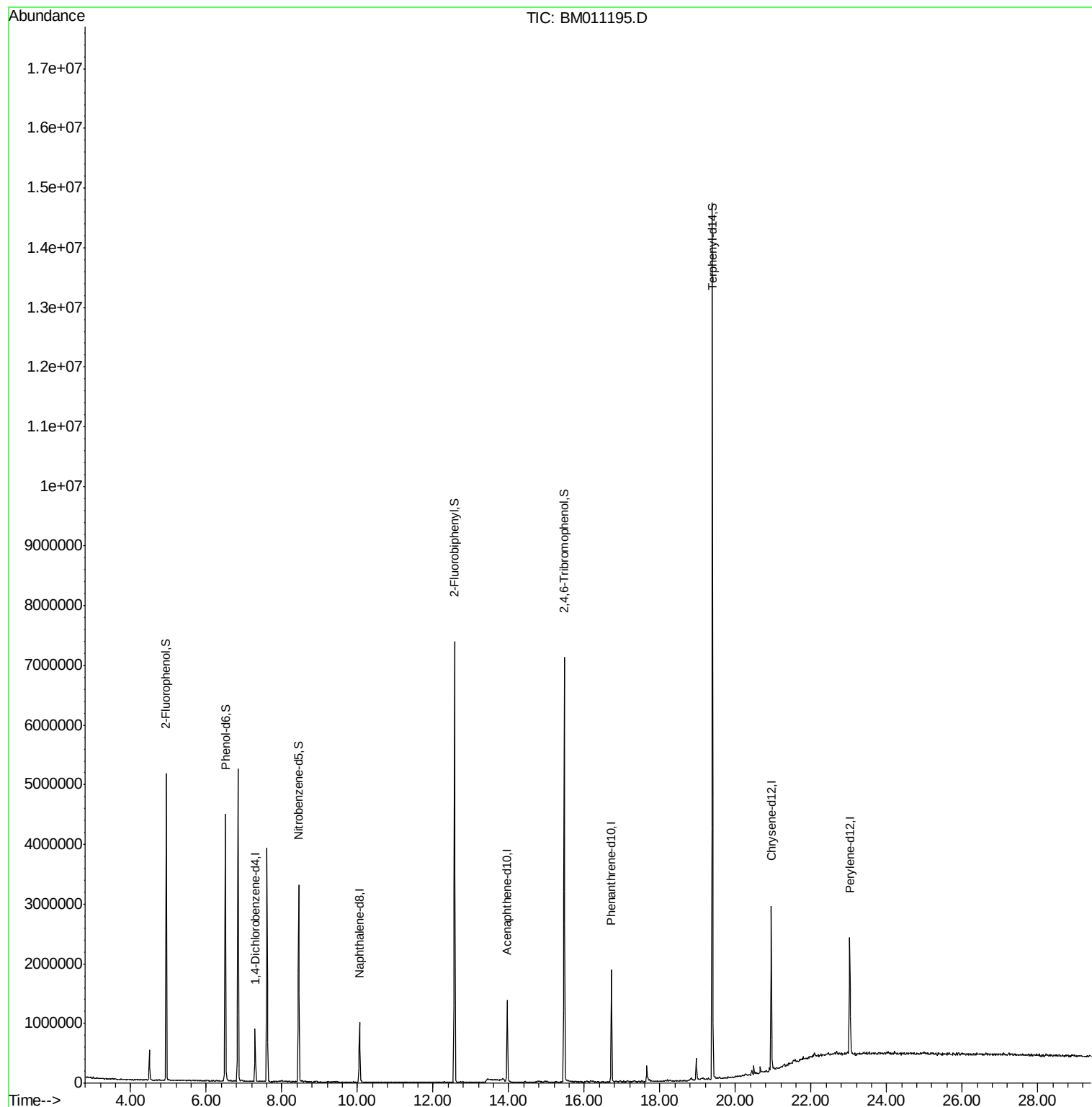
Target Compounds Qvalue

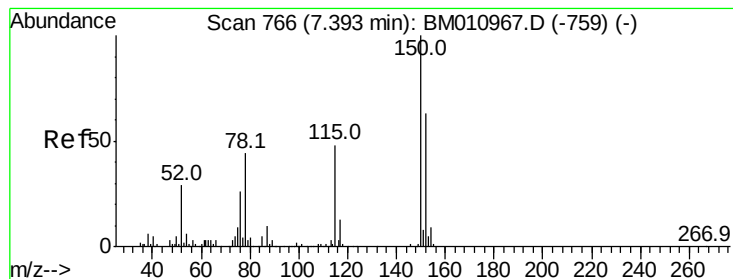
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.29 min Scan# 766

Delta R.T. -0.10 min

Lab File: BM011195.D

Acq: 10 Aug 2017 08:05

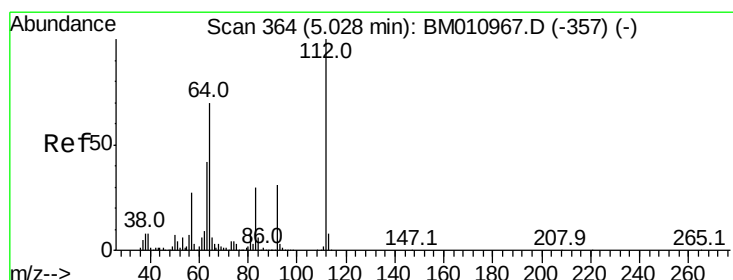
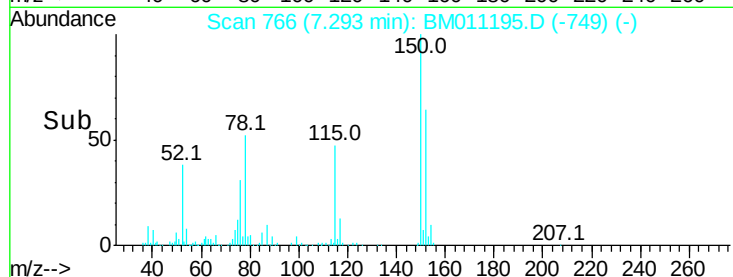
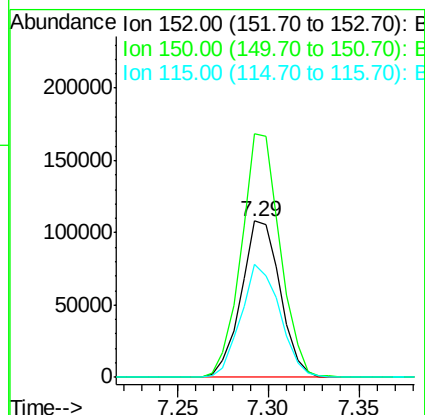
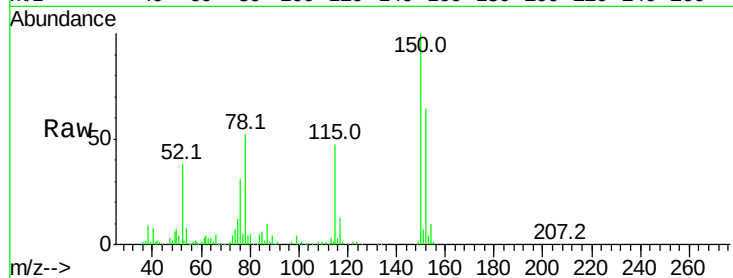
Instrument :

BNA_M

ClientSampled :

Tot Ion:152 Resp: 161801

Ion	Ratio	Lower	Upper
152	100		
150	155.9	119.5	179.3
115	72.5	43.0	64.4#



#5

2-Fluorophenol

Concen: 139.034 ng

RT: 4.94 min Scan# 366

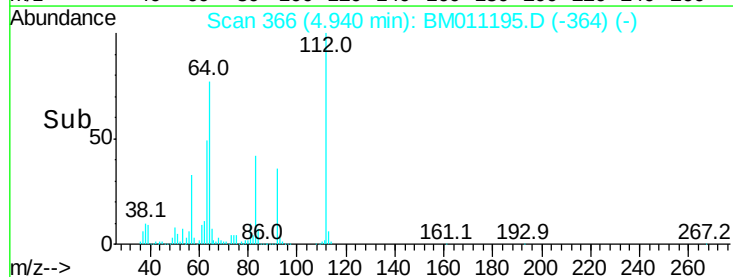
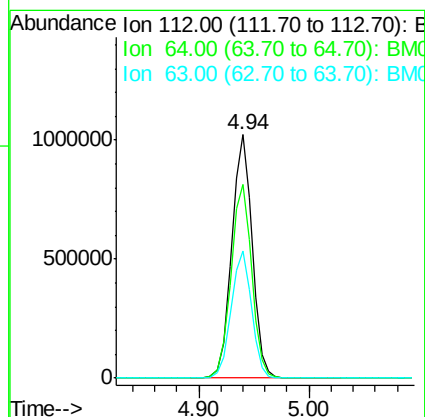
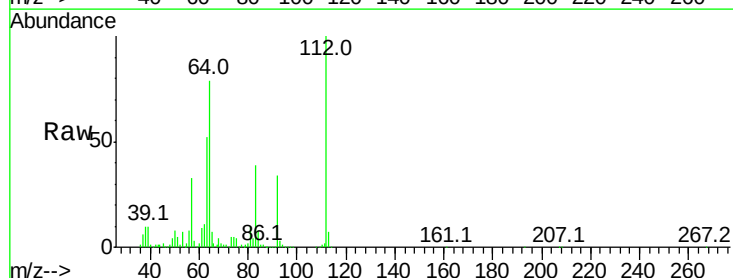
Delta R.T. -0.09 min

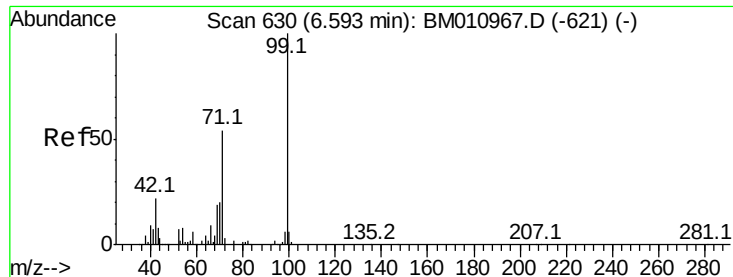
Lab File: BM011195.D

Acq: 10 Aug 2017 08:05

Tgt Ion:112 Resp: 1330773

Ion	Ratio	Lower	Upper
112	100		
64	79.5	38.6	57.8#
63	52.0	19.3	28.9#





#7

Phenol-d6

Concen: 126.461 ng

RT: 6.50 min Scan# 632

Delta R.T. -0.09 min

Lab File: BM011195.D

Acq: 10 Aug 2017 08:05

Instrument :

BNA_M

ClientSampleId :

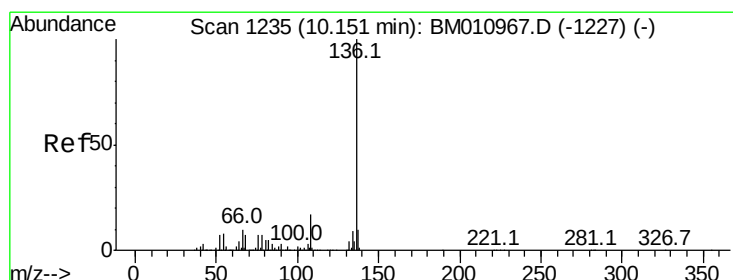
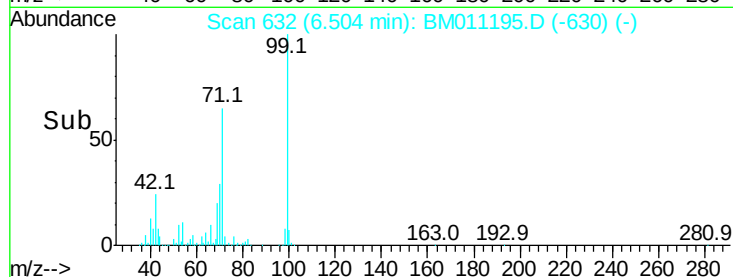
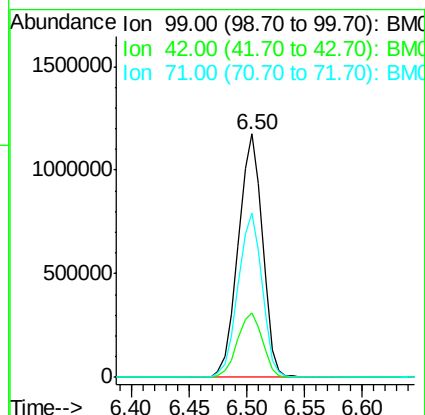
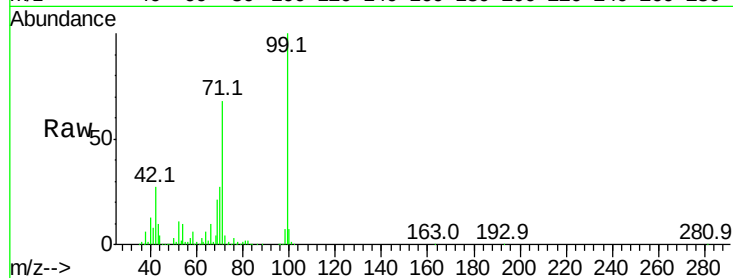
Tot Ion: 99 Resp: 1719788

Ion Ratio Lower Upper

99 100

42 26.6 11.0 16.4#

71 67.6 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.05 min Scan# 1235

Delta R.T. -0.10 min

Lab File: BM011195.D

Acq: 10 Aug 2017 08:05

Tgt Ion: 136 Resp: 568223

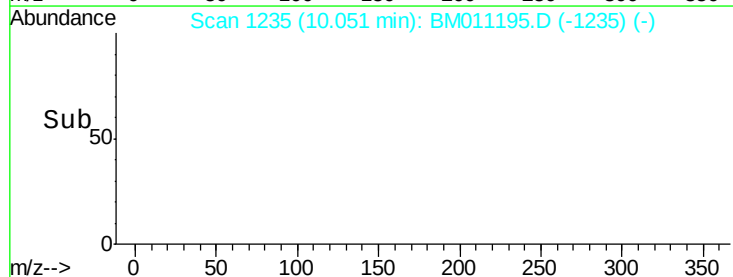
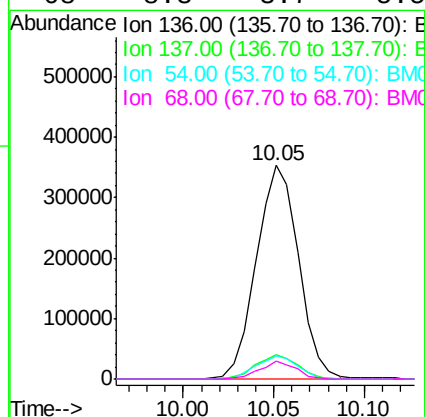
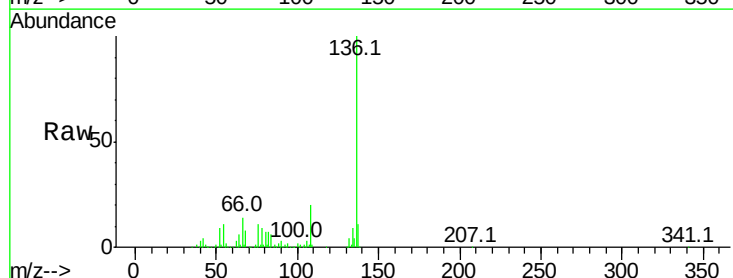
Ion Ratio Lower Upper

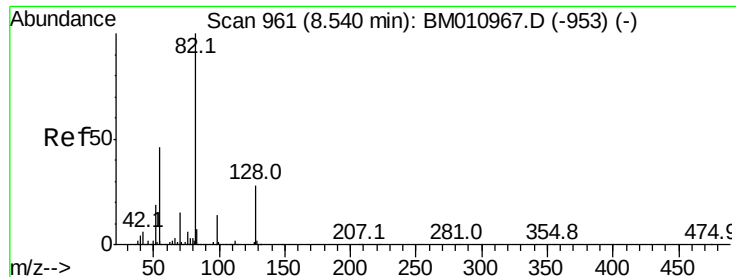
136 100

137 11.3 8.7 13.1

54 10.6 4.6 6.8#

68 8.3 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 116.300 ng

RT: 8.45 min Scan# 962

Delta R.T. -0.09 min

Lab File: BM011195.D

Acq: 10 Aug 2017 08:05

Instrument :

BNA_M

ClientSampleId :

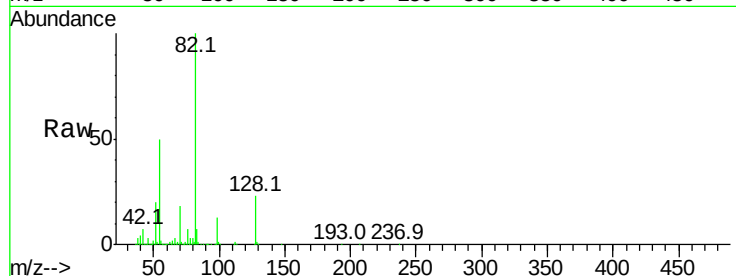
Tot Ion: 82 Resp: 1760769

Ion Ratio Lower Upper

82 100

128 23.2 32.8 49.2#

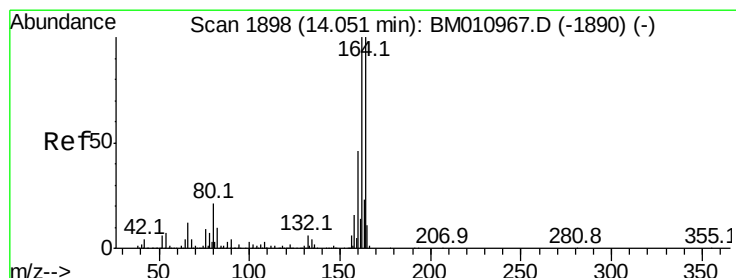
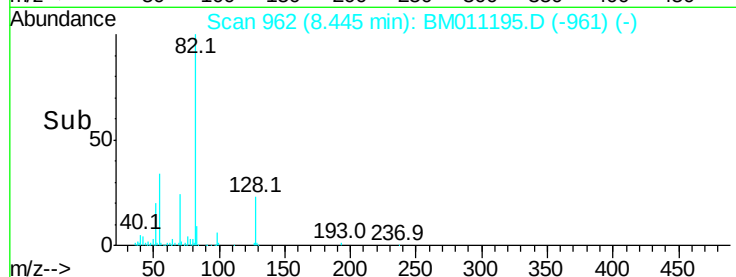
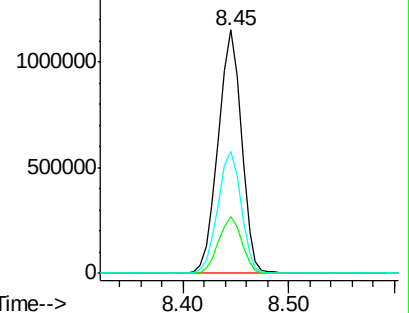
54 50.1 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM011195.D (-961) (-)

Ion 128.00 (127.70 to 128.70): BM011195.D (-961) (-)

Ion 54.00 (53.70 to 54.70): BM011195.D (-961) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.96 min Scan# 1900

Delta R.T. -0.09 min

Lab File: BM011195.D

Acq: 10 Aug 2017 08:05

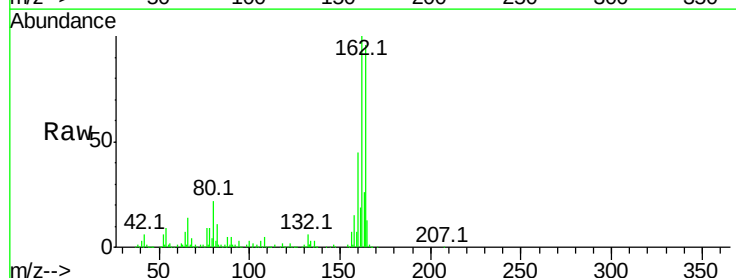
Tgt Ion:164 Resp: 367927

Ion Ratio Lower Upper

164 100

162 104.5 82.4 123.6

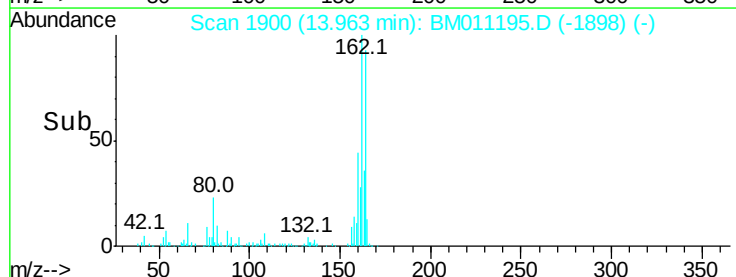
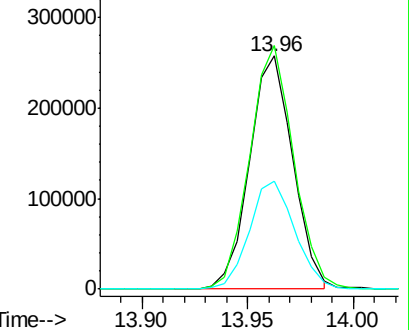
160 46.6 35.8 53.6

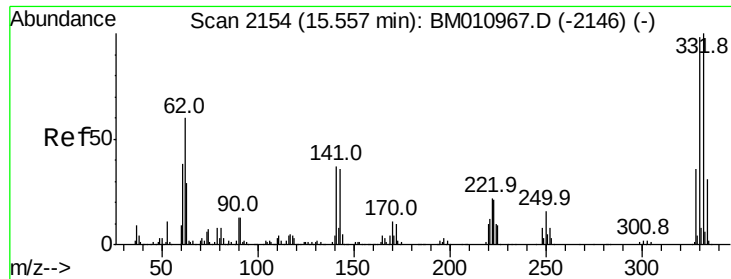


Abundance Ion 164.00 (163.70 to 164.70): BM011195.D (-1898) (-)

Ion 162.00 (161.70 to 162.70): BM011195.D (-1898) (-)

Ion 160.00 (159.70 to 160.70): BM011195.D (-1898) (-)

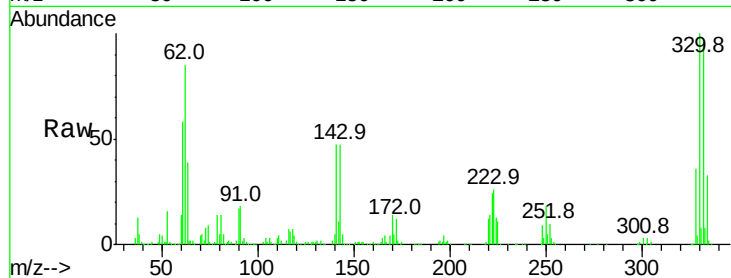




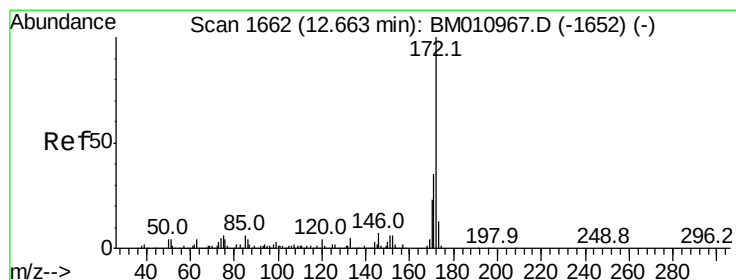
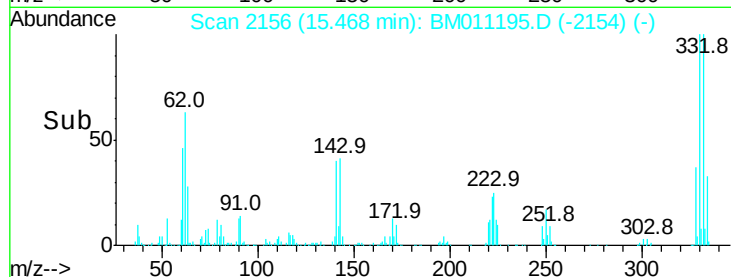
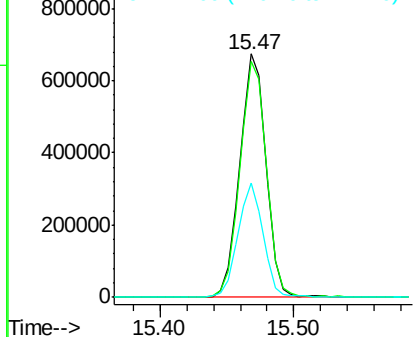
#41
 2,4,6-Tribromophenol
 Concen: 154.960 ng
 RT: 15.47 min Scan# 2156
 Delta R.T. -0.09 min
 Lab File: BM011195.D
 Acq: 10 Aug 2017 08:05

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:330 Resp: 913815
 Ion Ratio Lower Upper
 330 100
 332 97.8 0.0 0.0#
 141 45.4 0.0 0.0#

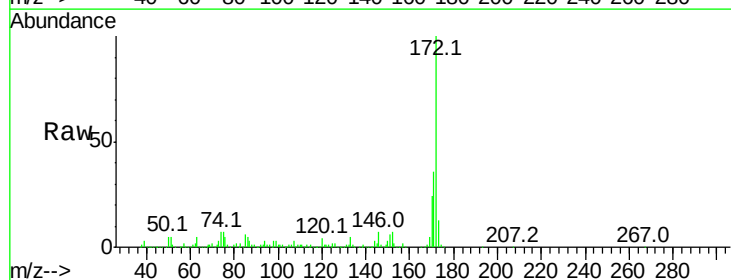


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

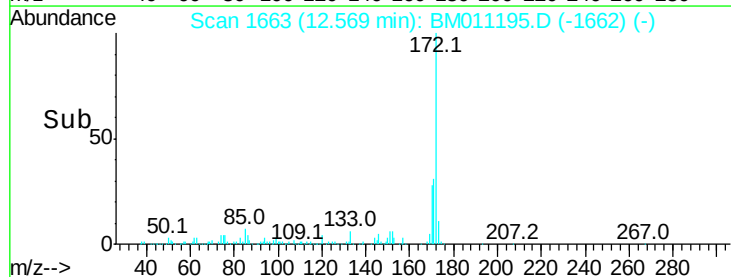
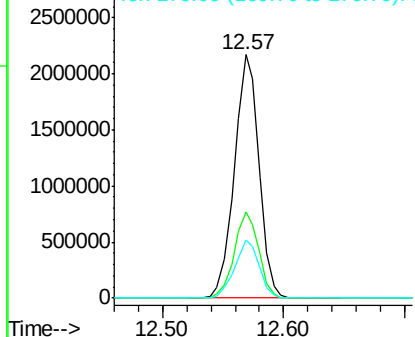


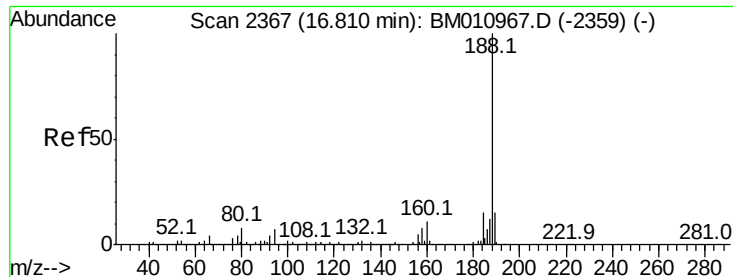
#44
 2-Fluorobiphenyl
 Concen: 105.037 ng
 RT: 12.57 min Scan# 1663
 Delta R.T. -0.09 min
 Lab File: BM011195.D
 Acq: 10 Aug 2017 08:05

Tgt Ion:172 Resp: 3081472
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.5 42.7
 170 23.9 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

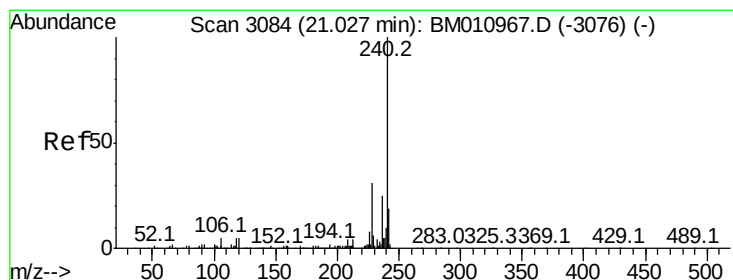
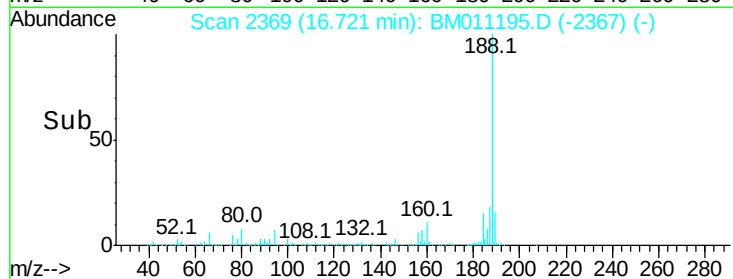
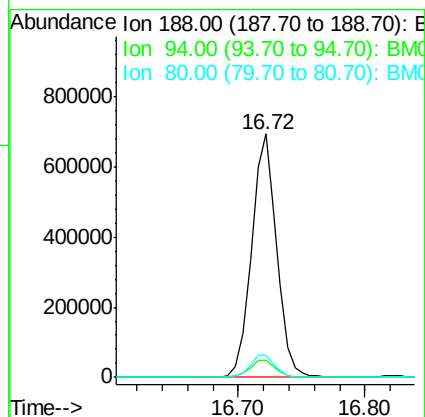
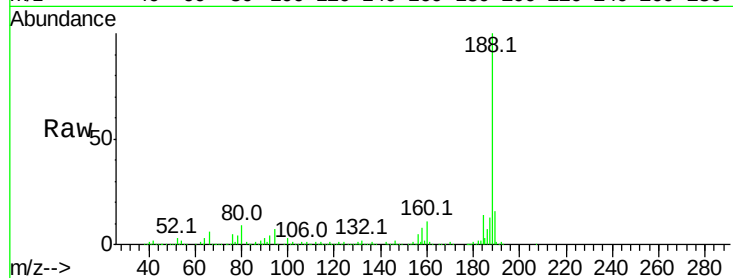




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.72 min Scan# 2369
 Delta R.T. -0.09 min
 Lab File: BM011195.D
 Acq: 10 Aug 2017 08:05

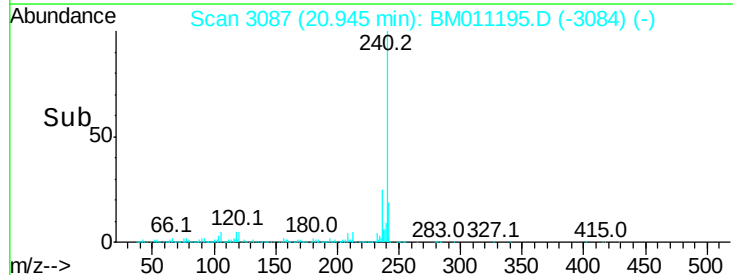
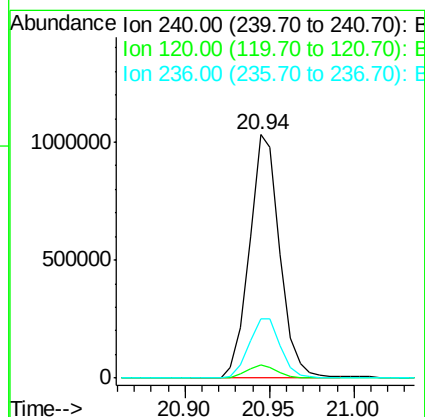
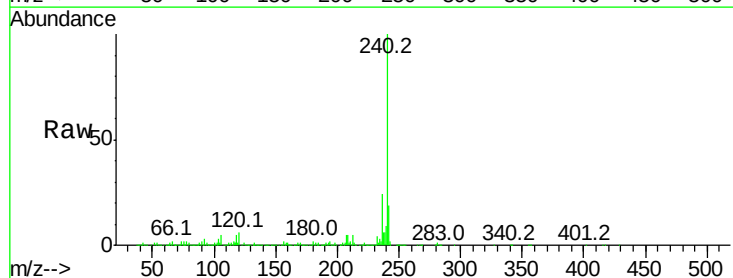
Instrument :
 BNA_M
 ClientSampleId :

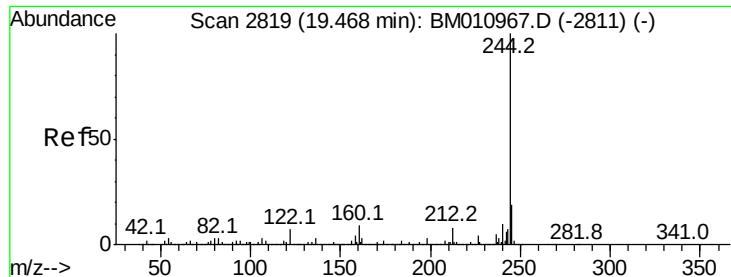
Tot Ion:188 Resp: 953890
 Ion Ratio Lower Upper
 188 100
 94 7.2 8.7 13.1#
 80 9.0 9.3 13.9#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 20.94 min Scan# 3087
 Delta R.T. -0.08 min
 Lab File: BM011195.D
 Acq: 10 Aug 2017 08:05

Tgt Ion:240 Resp: 1300315
 Ion Ratio Lower Upper
 240 100
 120 5.5 8.2 12.2#
 236 24.3 20.0 30.0





#78

Terphenyl-d14

Concen: 80.615 ng

RT: 19.39 min Scan# 2823

Delta R.T. -0.08 min

Lab File: BM011195.D

Acq: 10 Aug 2017 08:05

Instrument :

BNA_M

ClientSampleId :

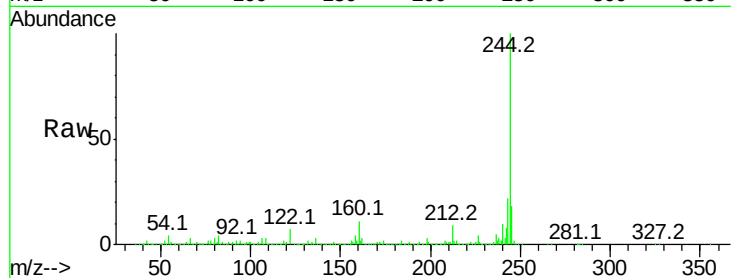
Tot Ion:244 Resp: 5291832

Ion Ratio Lower Upper

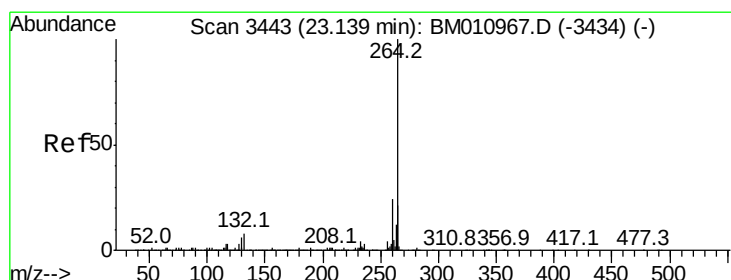
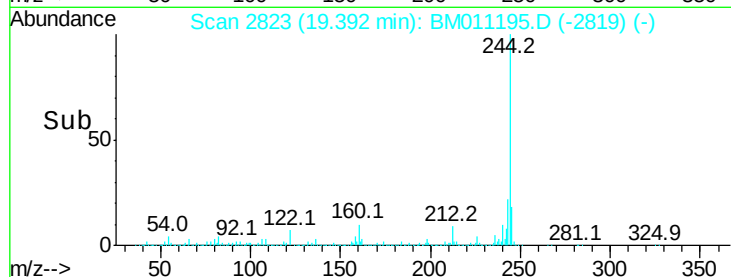
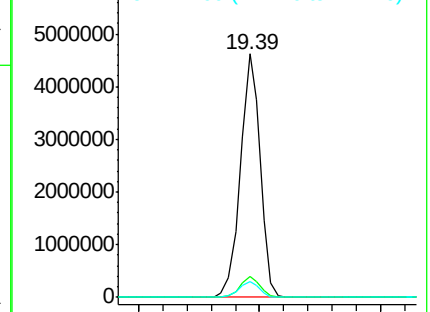
244 100

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: 23.03 min Scan# 3441

Delta R.T. -0.11 min

Lab File: BM011195.D

Acq: 10 Aug 2017 08:05

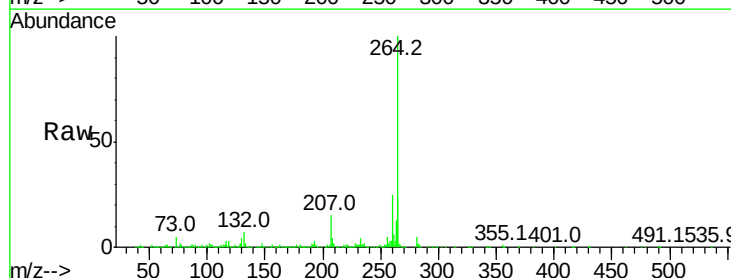
Tgt Ion:264 Resp: 1291697

Ion Ratio Lower Upper

264 100

260 25.2 18.6 27.8

265 23.0 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

