

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080917\
 Data File : BM011177.D
 Acq On : 09 Aug 2017 16:44
 Operator : SJ/JU
 Sample : I4625-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CLINTON-AVE-COMP-1

Quant Time: Aug 09 18:27:32 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 09 18:20:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	123400	20.00	ng	0.00
21) Naphthalene-d8	10.05	136	449041	20.00	ng	0.00
38) Acenaphthene-d10	13.96	164	290533	20.00	ng	0.00
63) Phenanthrene-d10	16.72	188	721785	20.00	ng	0.00
75) Chrysene-d12	20.94	240	1030365	20.00	ng	0.00
86) Perylene-d12	23.02	264	988193	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.94	112	1136777	155.73	ng	0.00
7) Phenol-d6	6.50	99	1429435	137.82	ng	0.00
23) Nitrobenzene-d5	8.45	82	1415759	118.33	ng	0.00
41) 2,4,6-Tribromophenol	15.47	330	699072	150.12	ng	0.00
44) 2-Fluorobiphenyl	12.57	172	2296527	99.13	ng	0.00
78) Terphenyl-d14	19.39	244	4380552	84.22	ng	0.00

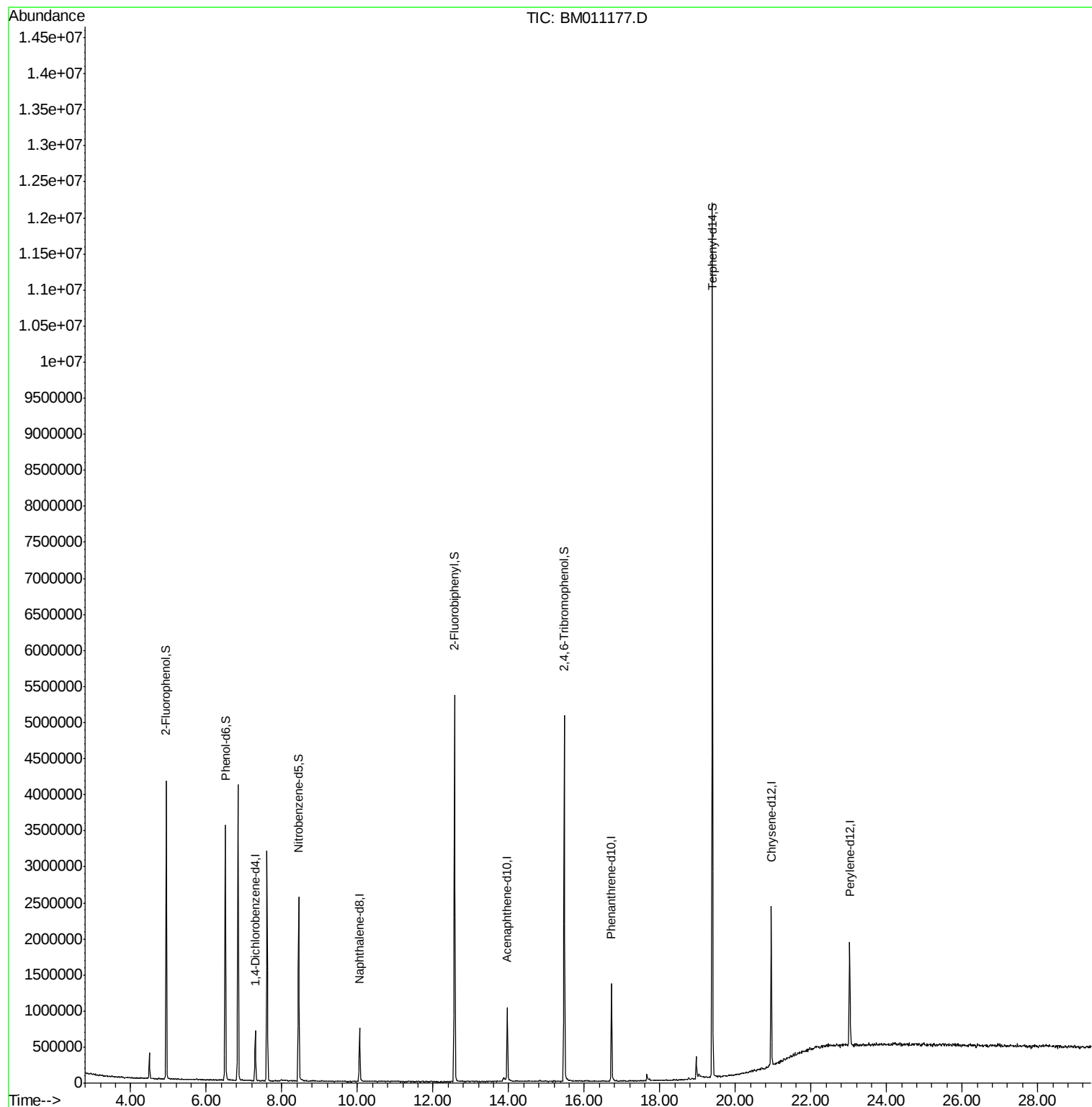
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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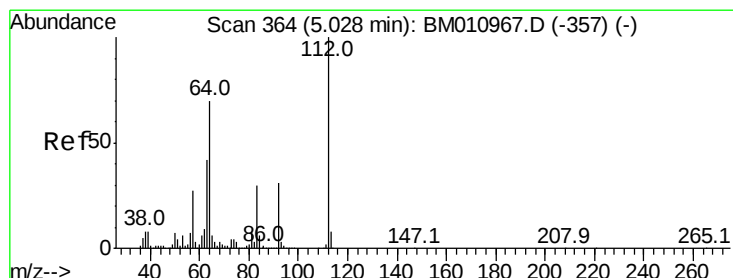
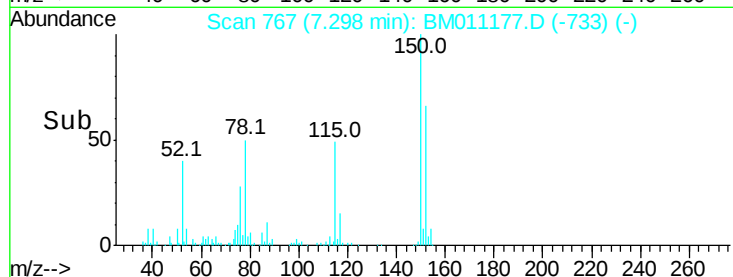
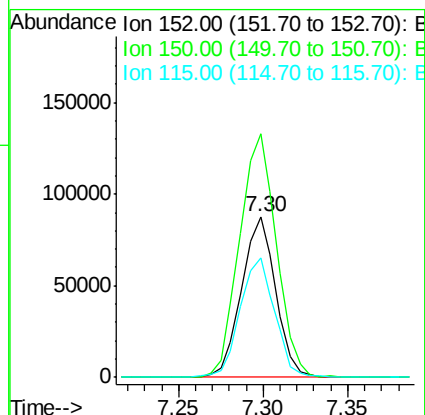
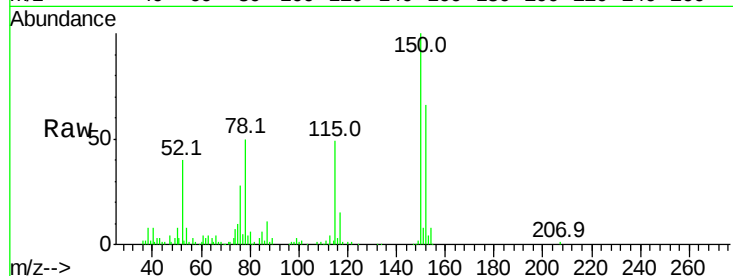


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.30 min Scan# 767
Delta R.T. 0.00 min
Lab File: BM011177.D
Acq: 09 Aug 2017 16:44

Instrument :
BNA_M
ClientSampleId :
CLINTON-AVE-COMP-1

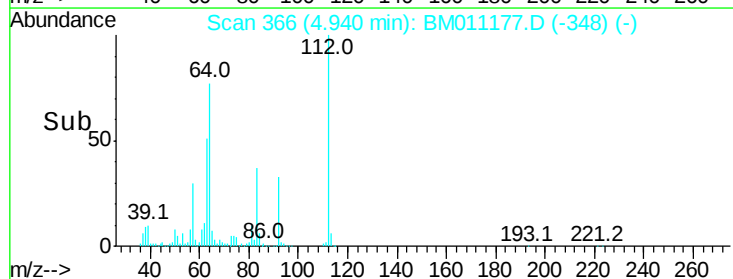
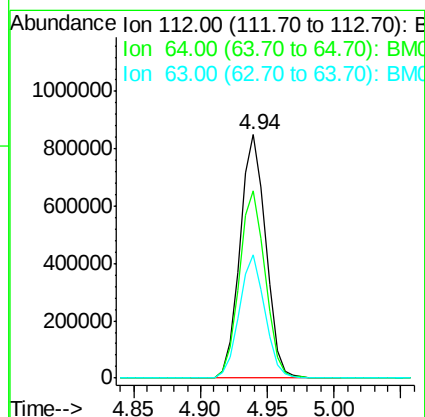
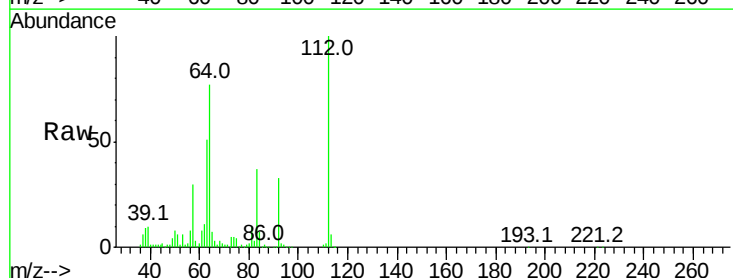
Tot Ion:152 Resp: 123400
Ion Ratio Lower Upper
152 100
150 151.2 119.5 179.3
115 74.2 43.0 64.4#

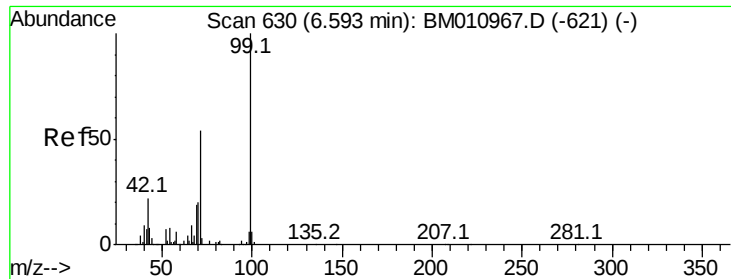


#5

2-Fluorophenol
Concen: 155.725 ng
RT: 4.94 min Scan# 366
Delta R.T. 0.01 min
Lab File: BM011177.D
Acq: 09 Aug 2017 16:44

Tgt Ion:112 Resp: 1136777
Ion Ratio Lower Upper
112 100
64 76.7 38.6 57.8#
63 50.7 19.3 28.9#





#7

Phenol-d6

Concen: 137.820 ng

RT: 6.50 min Scan# 632

Delta R.T. 0.01 min

Lab File: BM011177.D

Acq: 09 Aug 2017 16:44

Instrument :

BNA_M

ClientSampleId :

CLINTON-AVE-COMP-1

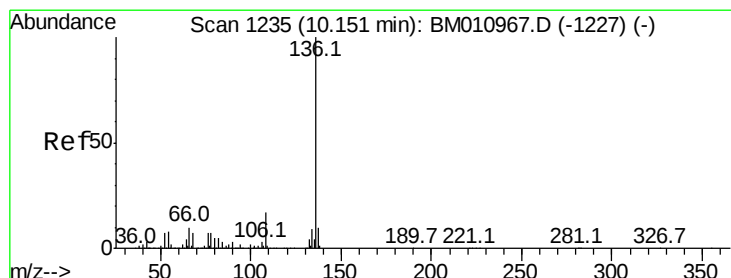
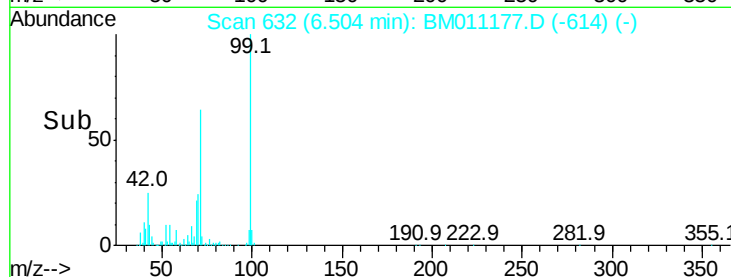
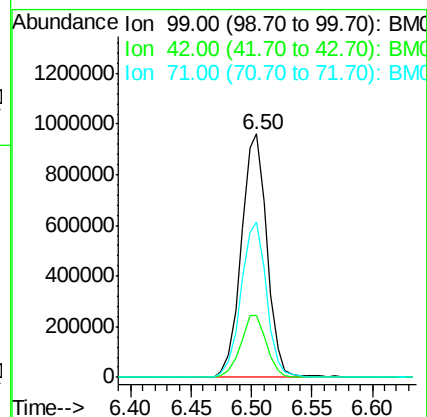
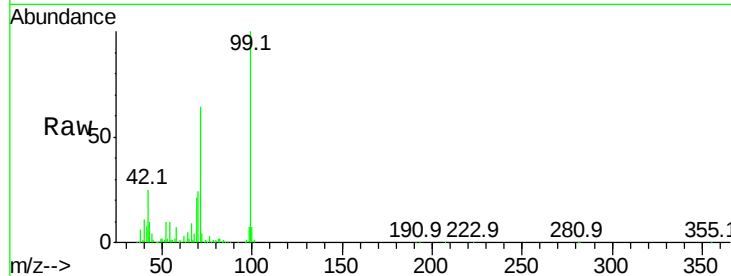
Tot Ion: 99 Resp: 1429435

Ion Ratio Lower Upper

99 100

42 25.2 11.0 16.4#

71 63.8 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.05 min Scan# 1235

Delta R.T. 0.00 min

Lab File: BM011177.D

Acq: 09 Aug 2017 16:44

Tgt Ion: 136 Resp: 449041

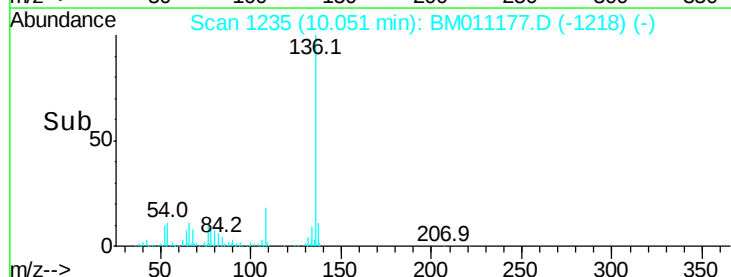
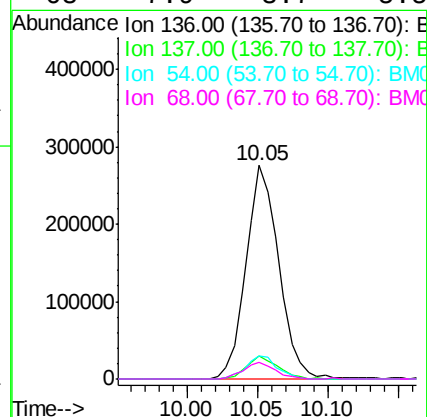
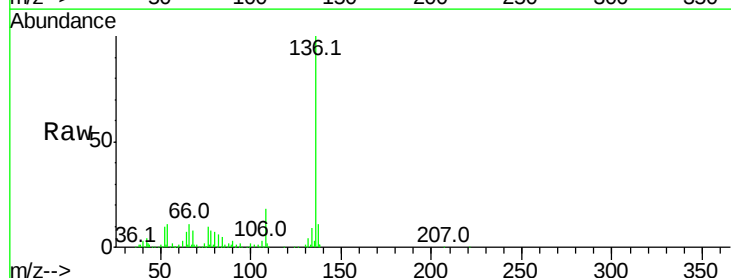
Ion Ratio Lower Upper

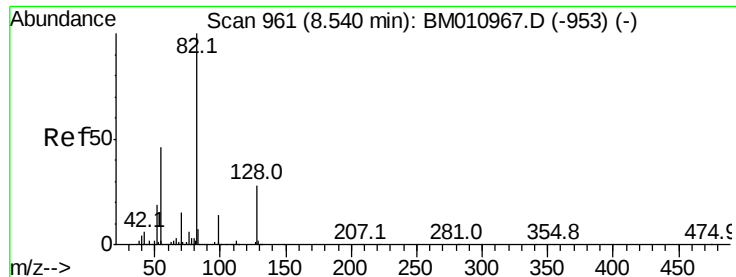
136 100

137 10.7 8.7 13.1

54 10.8 4.6 6.8#

68 7.9 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 118.332 ng

RT: 8.45 min Scan# 962

Delta R.T. 0.00 min

Lab File: BM011177.D

Acq: 09 Aug 2017 16:44

Instrument :

BNA_M

ClientSampleId :

CLINTON-AVE-COMP-1

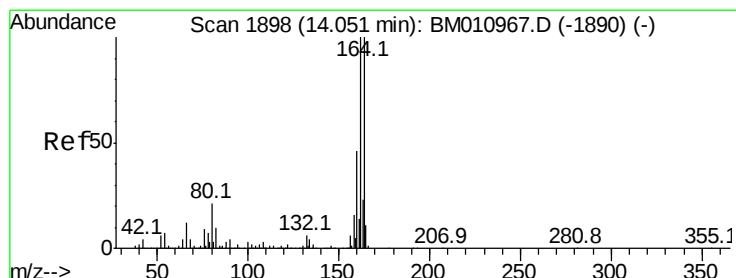
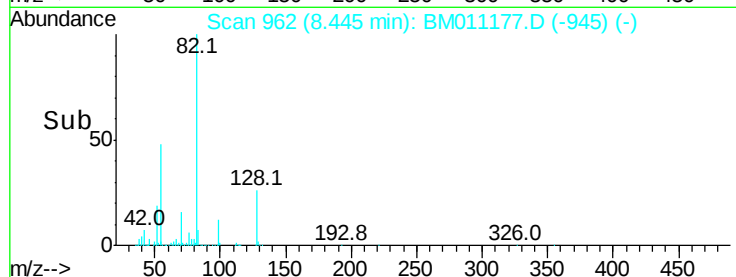
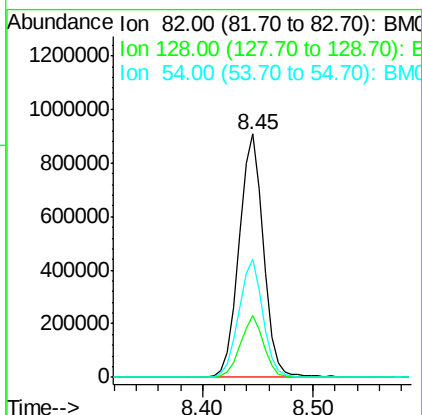
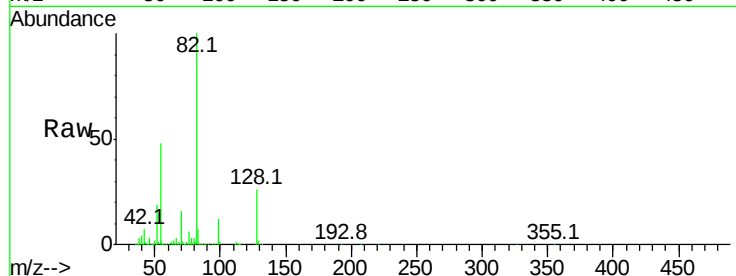
Tot Ion: 82 Resp: 1415759

Ion Ratio Lower Upper

82 100

128 25.5 32.8 49.2#

54 48.3 40.6 60.8



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.96 min Scan# 1900

Delta R.T. 0.00 min

Lab File: BM011177.D

Acq: 09 Aug 2017 16:44

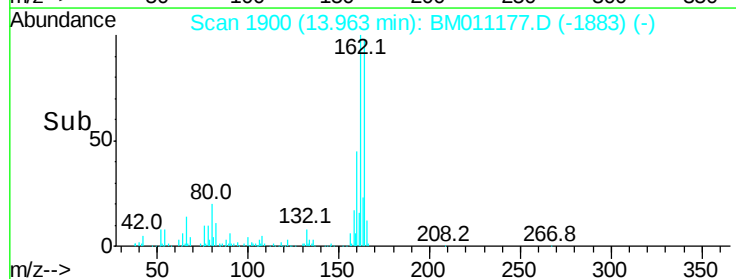
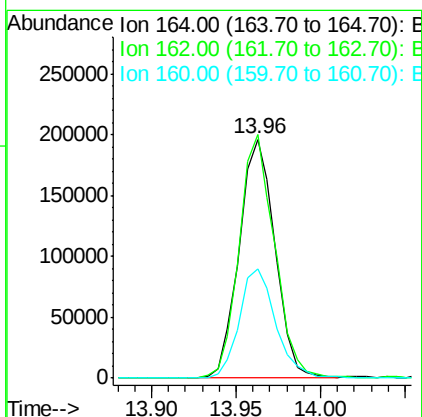
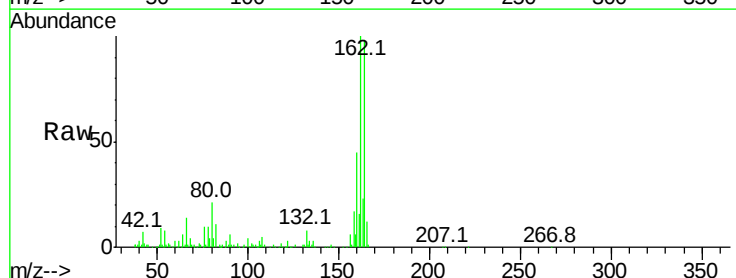
Tgt Ion:164 Resp: 290533

Ion Ratio Lower Upper

164 100

162 102.1 82.4 123.6

160 45.9 35.8 53.6

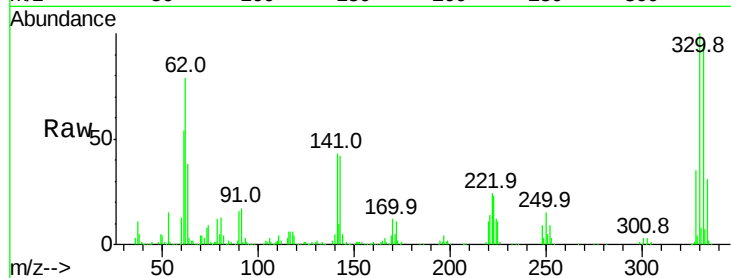




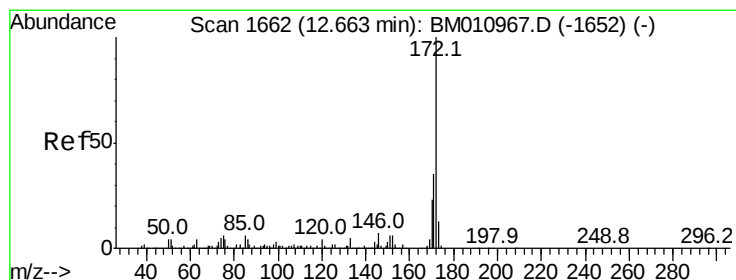
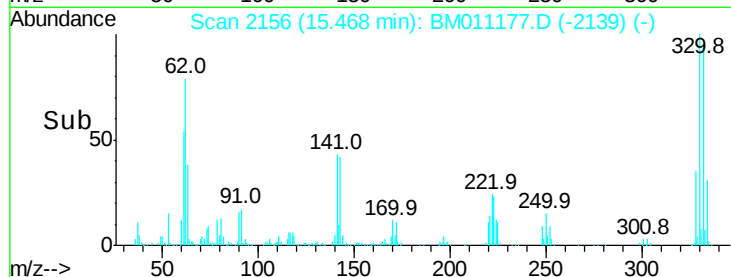
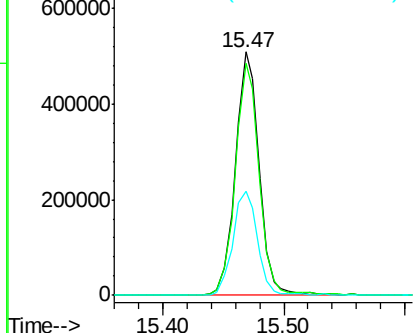
#41
 2,4,6-Tribromophenol
 Concen: 150.124 ng
 RT: 15.47 min Scan# 2156
 Delta R.T. 0.00 min
 Lab File: BM011177.D
 Acq: 09 Aug 2017 16:44

Instrument :
 BNA_M
 ClientSampleId :
 CLINTON-AVE-COMP-1

Tot Ion:330 Resp: 699072
 Ion Ratio Lower Upper
 330 100
 332 95.7 0.0 0.0#
 141 45.0 0.0 0.0#

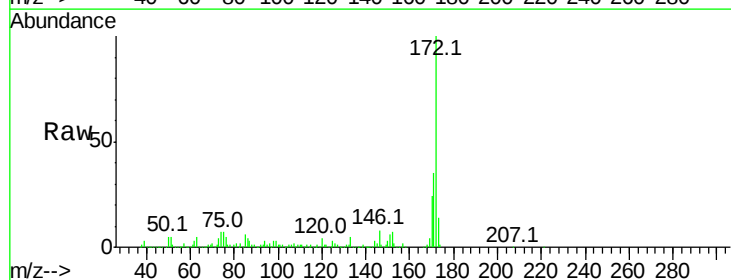


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

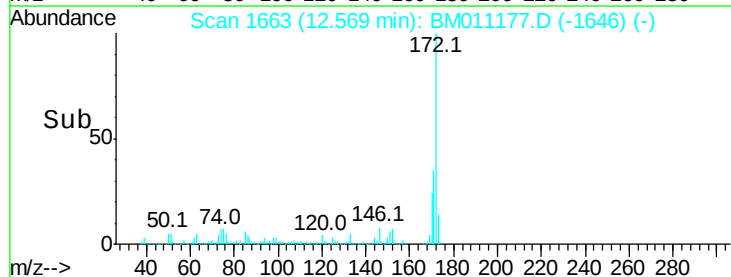
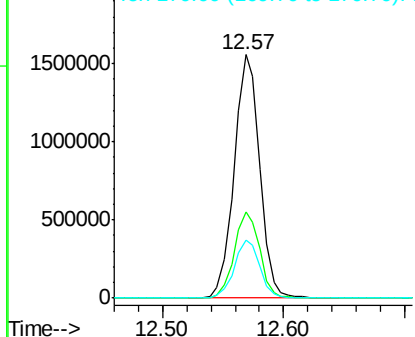


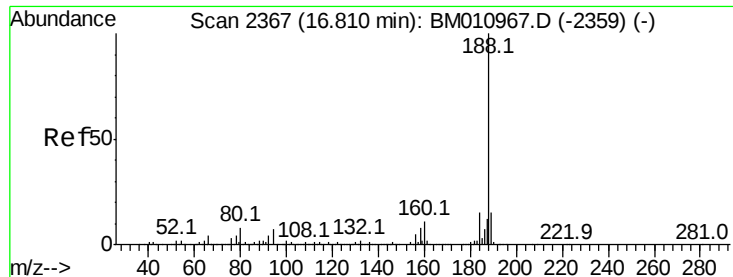
#44
 2-Fluorobiphenyl
 Concen: 99.134 ng
 RT: 12.57 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: BM011177.D
 Acq: 09 Aug 2017 16:44

Tgt Ion:172 Resp: 2296527
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.5 42.7
 170 23.6 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

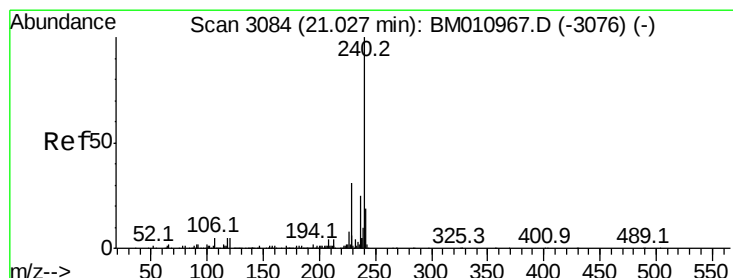
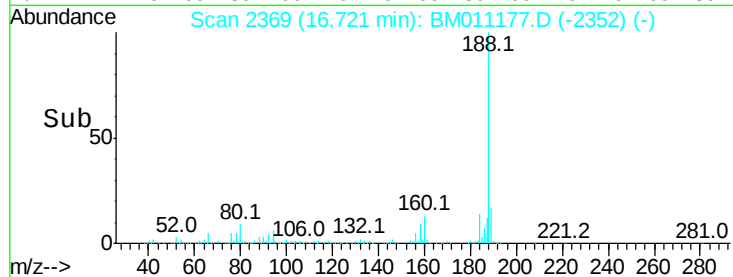
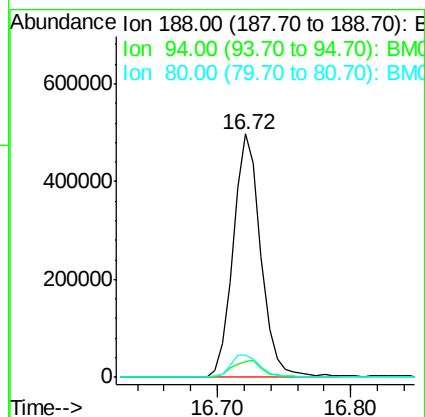
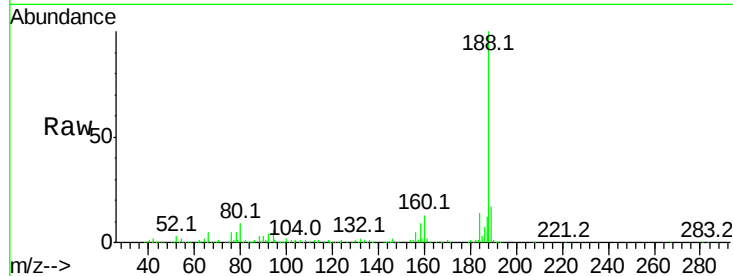




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.72 min Scan# 2369
Delta R.T. 0.00 min
Lab File: BM011177.D
Acq: 09 Aug 2017 16:44

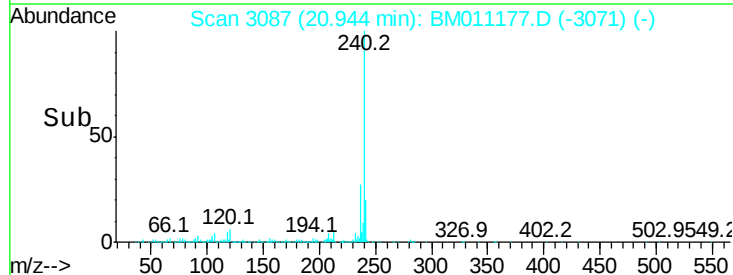
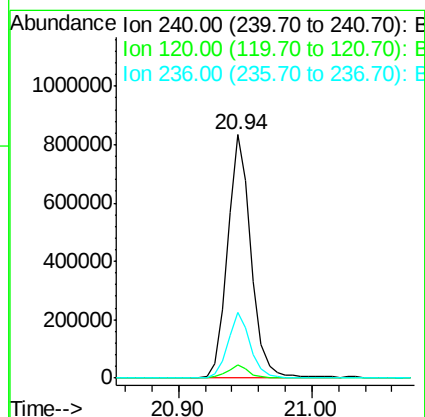
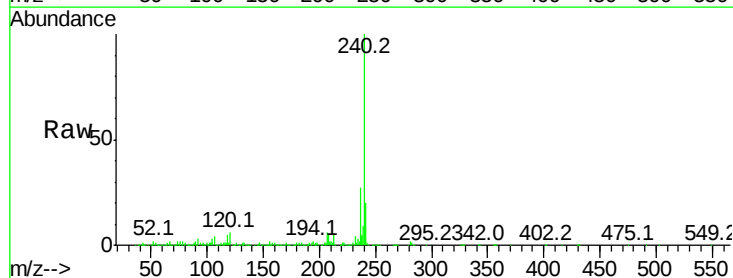
Instrument :
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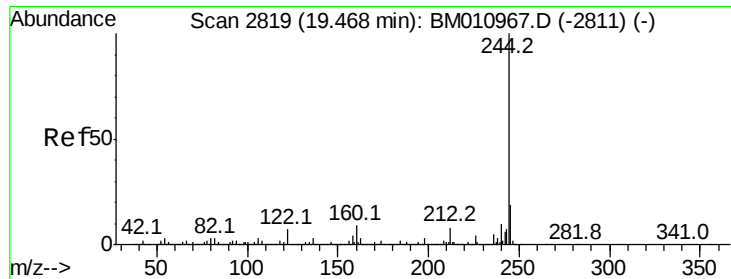
Tot Ion:188 Resp: 721785
Ion Ratio Lower Upper
188 100
94 6.5 8.7 13.1#
80 9.3 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.94 min Scan# 3087
Delta R.T. -0.01 min
Lab File: BM011177.D
Acq: 09 Aug 2017 16:44

Tgt Ion:240 Resp: 1030365
Ion Ratio Lower Upper
240 100
120 5.7 8.2 12.2#
236 26.9 20.0 30.0

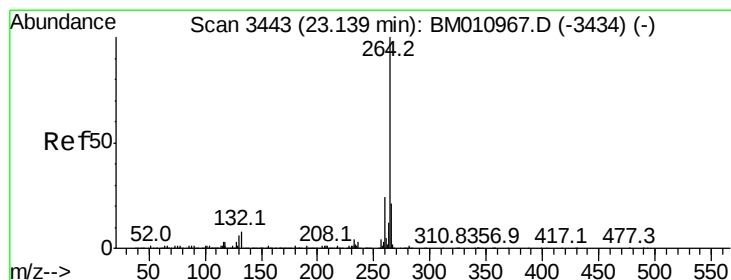
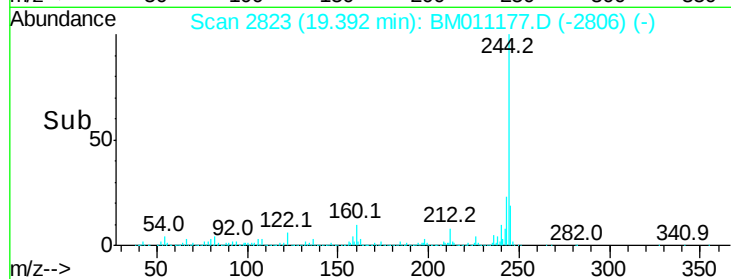
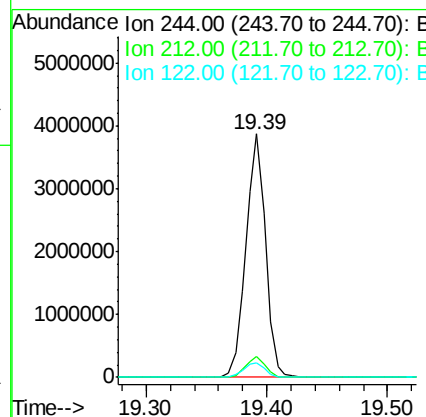
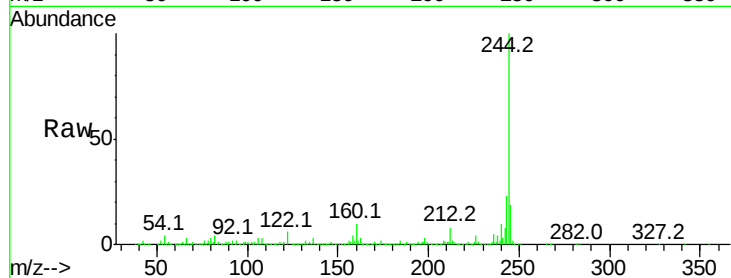




#78
 Terphenyl-d14
 Concen: 84.216 ng
 RT: 19.39 min Scan# 2823
 Delta R.T. 0.00 min
 Lab File: BM011177.D
 Acq: 09 Aug 2017 16:44

Instrument :
 BNA_M
 ClientSampleId :
 CLINTON-AVE-COMP-1

Tot Ion:244 Resp: 4380552
 Ion Ratio Lower Upper
 244 100
 212 8.4 4.9 7.3#
 122 6.2 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.02 min Scan# 3440
 Delta R.T. -0.01 min
 Lab File: BM011177.D
 Acq: 09 Aug 2017 16:44

Tgt Ion:264 Resp: 988193
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 27.8
 265 23.1 17.3 25.9

