

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072117\
 Data File : BM010939.D
 Acq On : 21 Jul 2017 17:10
 Operator : SJ/JU
 Sample : I4363-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-COMB-4

Quant Time: Jul 22 04:30:31 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM071217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 12 14:21:16 2017
 Response via : Initial Calibration

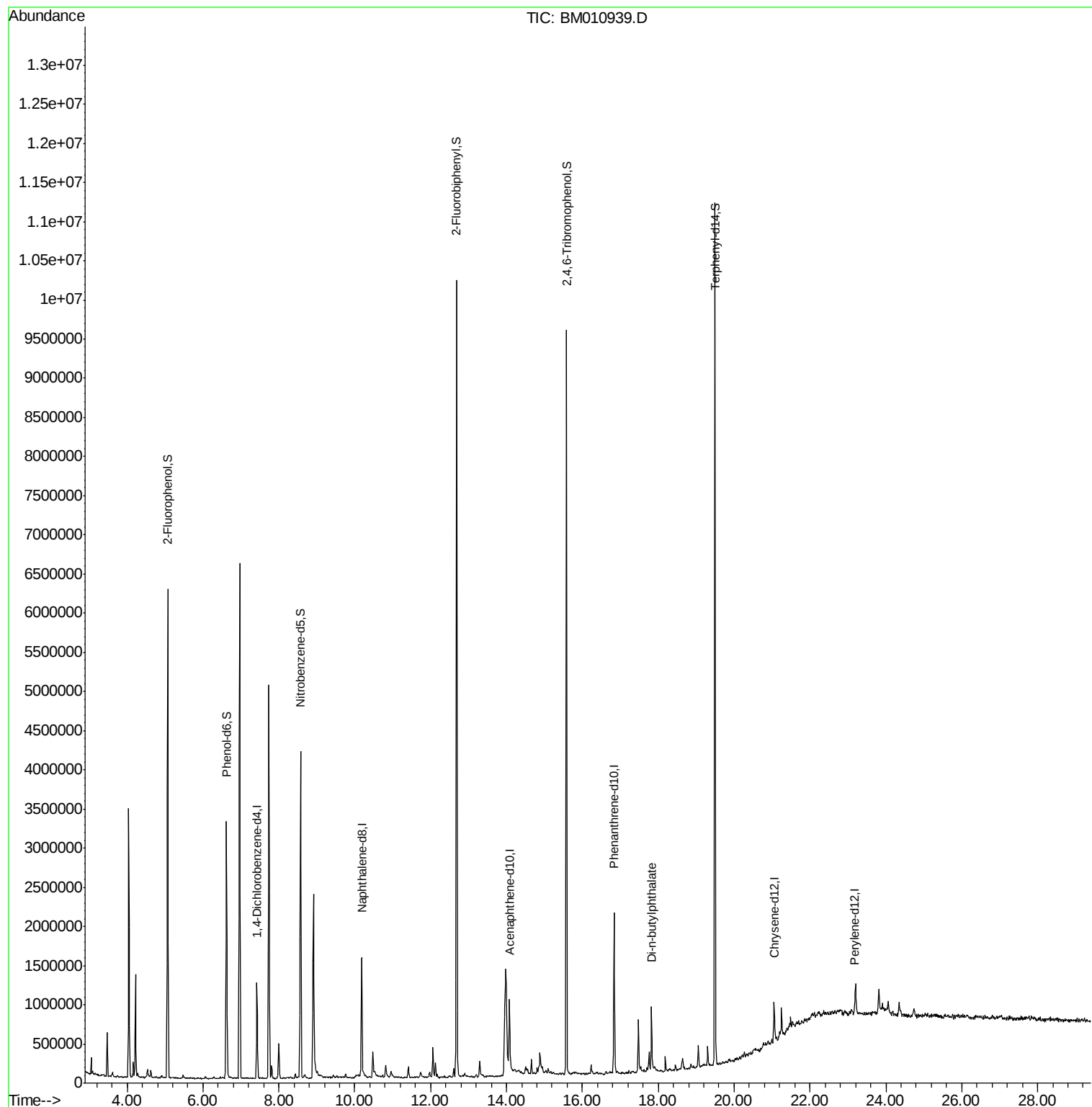
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	273237	20.00	ng	-0.02
21) Naphthalene-d8	10.19	136	975318	20.00	ng	-0.02
38) Acenaphthene-d10	14.08	164	201821	20.00	ng	-0.02
63) Phenanthrene-d10	16.83	188	830215	20.00	ng	-0.02
75) Chrysene-d12	21.05	240	100550	20.00	ng	-0.02
86) Perylene-d12	23.17	264	16419	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	2048442	124.19	ng	-0.01
7) Phenol-d6	6.62	99	1169918	51.45	ng	-0.02
23) Nitrobenzene-d5	8.57	82	2407827	94.89	ng	-0.02
41) 2,4,6-Tribromophenol	15.58	330	1453393	471.24	ng	-0.02
44) 2-Fluorobiphenyl	12.69	172	4786161	295.02	ng	-0.02
78) Terphenyl-d14	19.50	244	2983725	573.93	ng	-0.01
Target Compounds						
73) Di-n-butylphthalate	17.83	149	619169	13.860	ng	Qvalue # 96

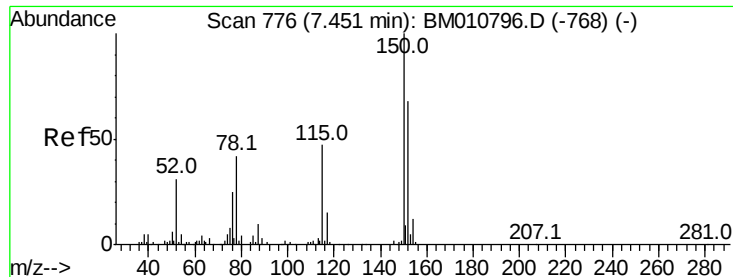
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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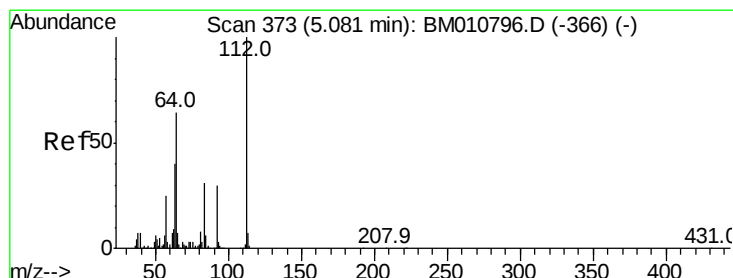
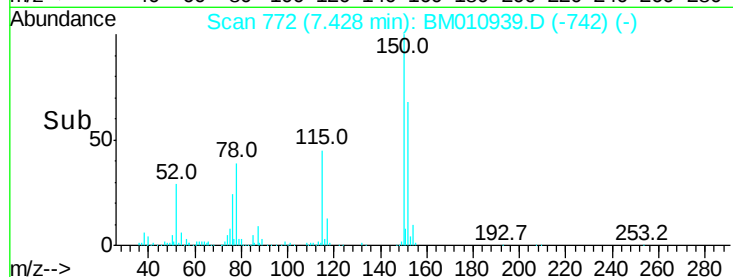
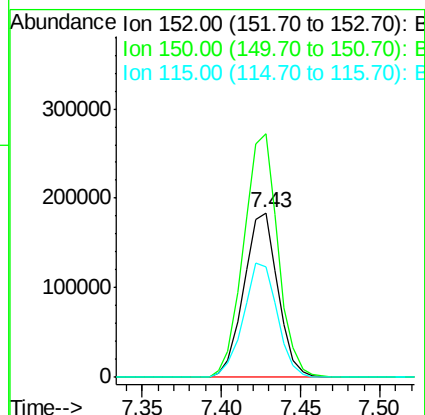
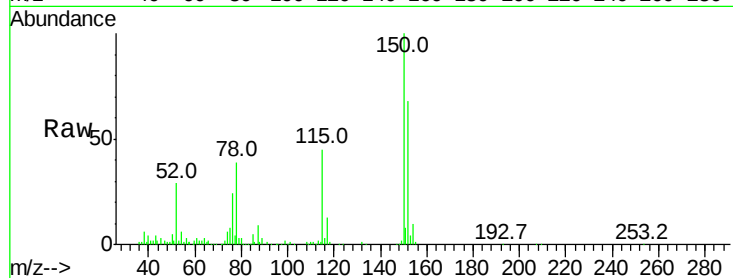


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.43 min Scan# 772
Delta R.T. -0.02 min
Lab File: BM010939.D
Acq: 21 Jul 2017 17:10

Instrument :
BNA_M
ClientSampleId :
B-COMB-4

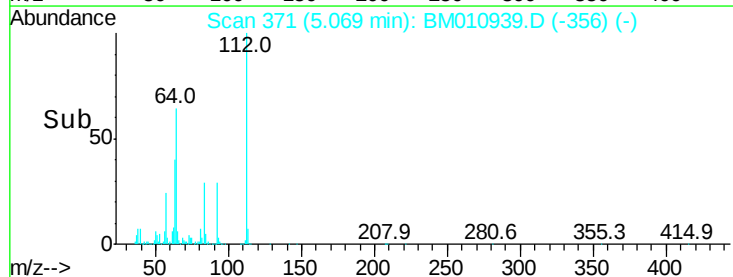
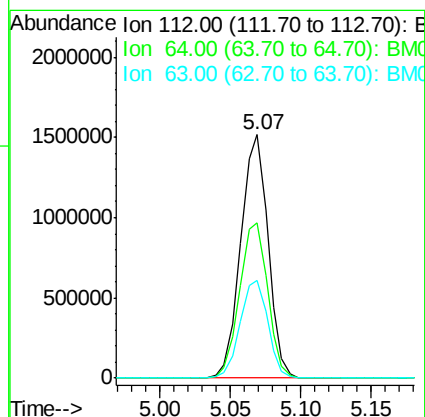
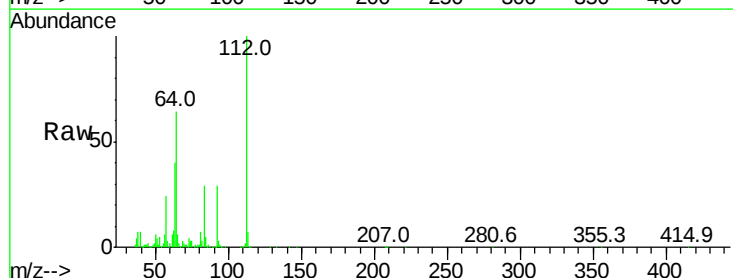
Tot Ion	Ratio	Lower	Upper
152	100		
150	148.1	119.5	179.3
115	67.3	43.0	64.4

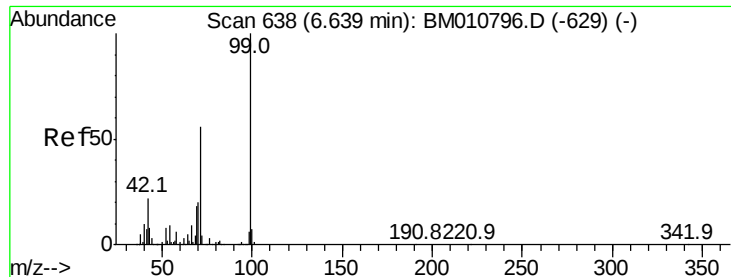


#5

2-Fluorophenol
Concen: 124.186 ng
RT: 5.07 min Scan# 371
Delta R.T. -0.01 min
Lab File: BM010939.D
Acq: 21 Jul 2017 17:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.0	38.6	57.8
63	39.9	19.3	28.9





#7

Phenol-d6

Concen: 51.448 ng

RT: 6.62 min Scan# 635

Delta R.T. -0.02 min

Lab File: BM010939.D

Acq: 21 Jul 2017 17:10

Instrument :

BNA_M

ClientSampleId :

B-COMB-4

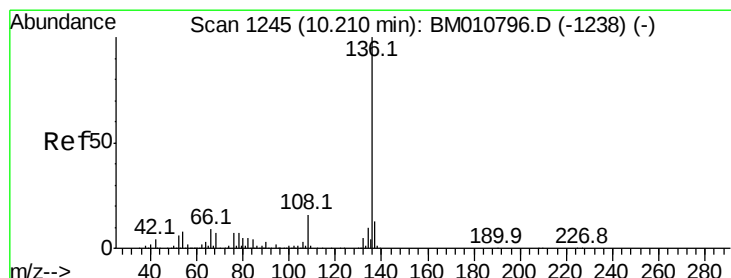
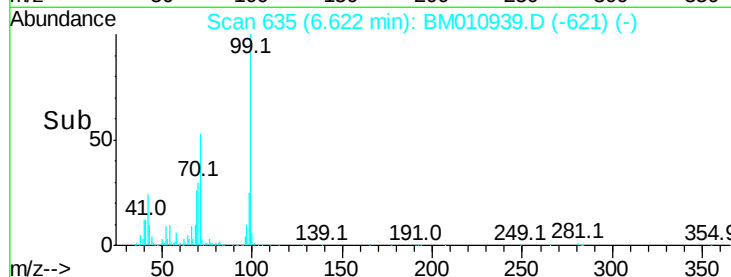
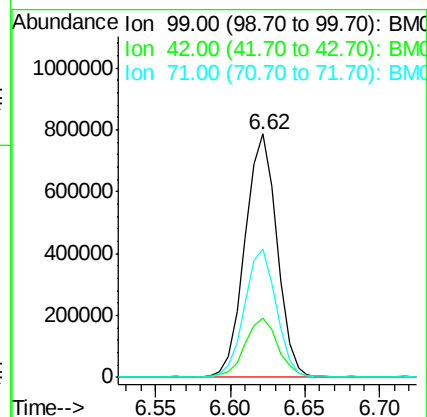
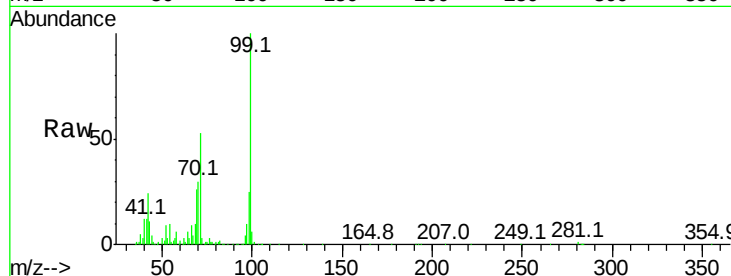
Tot Ion: 99 Resp: 1169918

Ion Ratio Lower Upper

99 100

42 24.4 11.0 16.4#

71 52.6 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.19 min Scan# 1241

Delta R.T. -0.02 min

Lab File: BM010939.D

Acq: 21 Jul 2017 17:10

Tgt Ion: 136 Resp: 975318

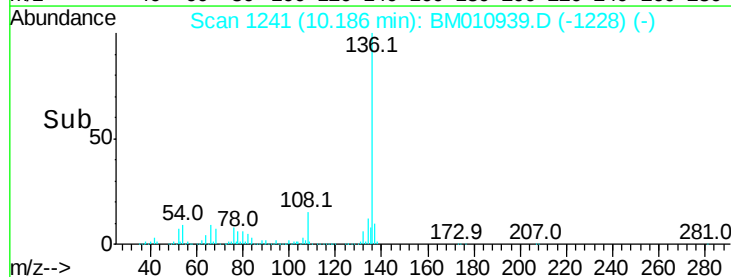
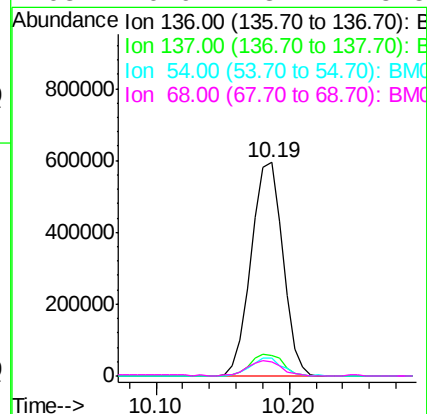
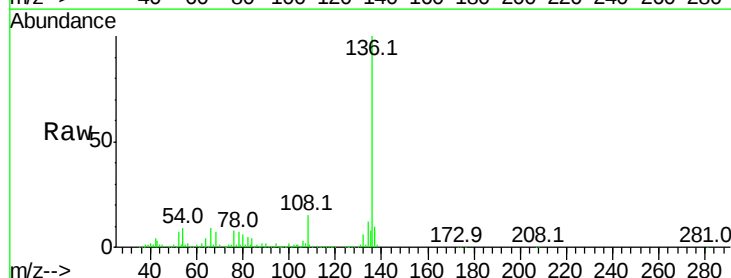
Ion Ratio Lower Upper

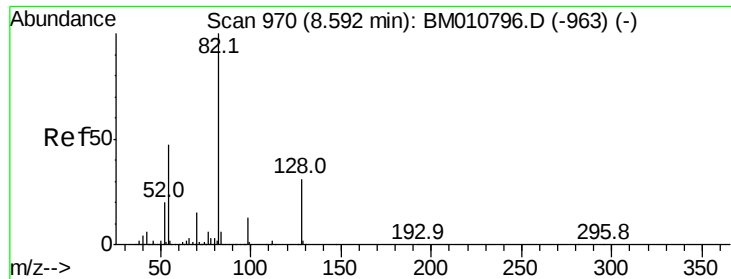
136 100

137 9.8 8.7 13.1

54 8.7 4.6 6.8#

68 6.9 3.7 5.5#

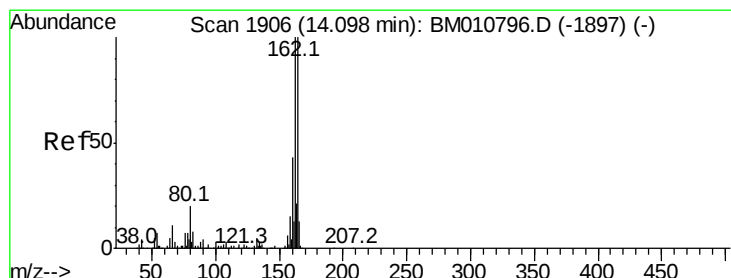
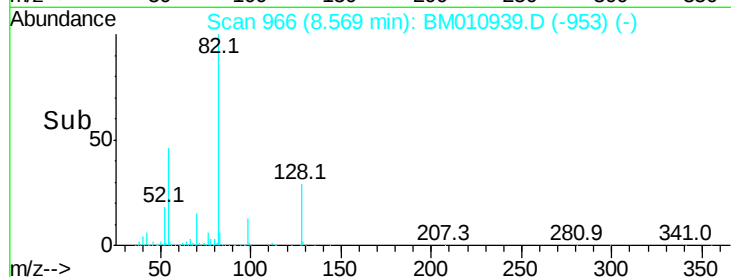
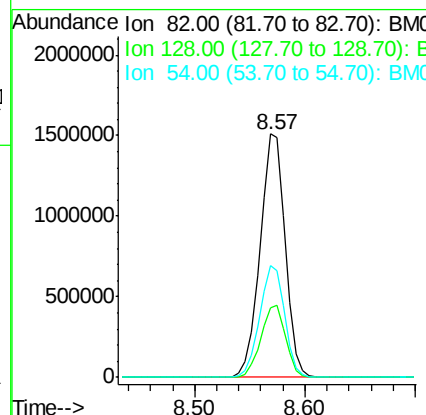
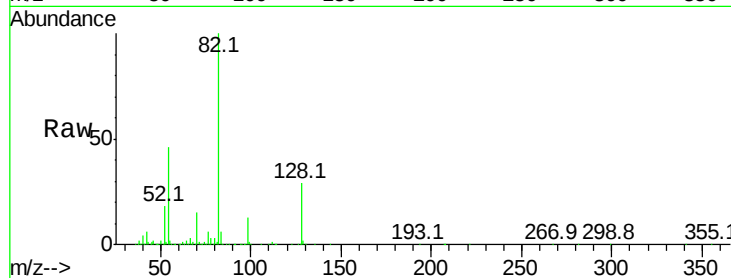




#23
 Nitrobenzene-d5
 Concen: 94.893 ng
 RT: 8.57 min Scan# 966
 Delta R.T. -0.02 min
 Lab File: BM010939.D
 Acq: 21 Jul 2017 17:10

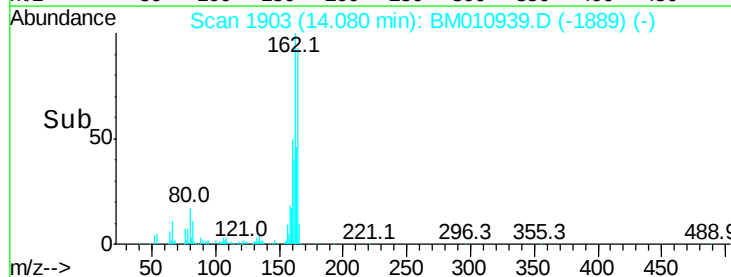
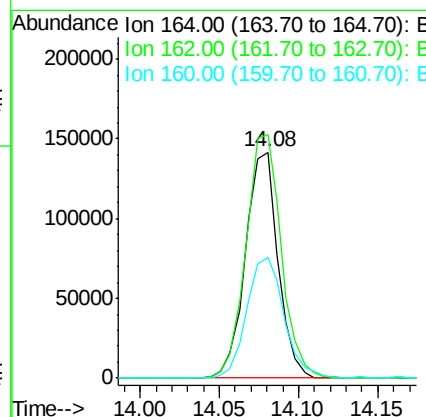
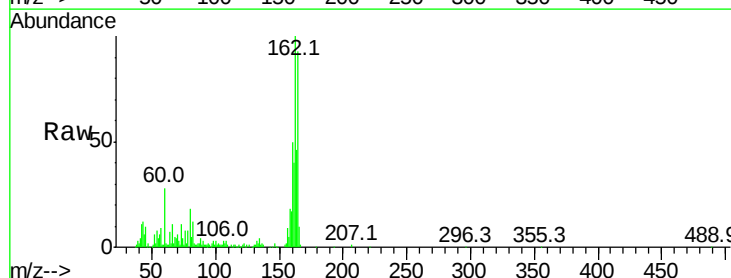
Instrument :
 BNA_M
 ClientSampleId :
 B-COMB-4

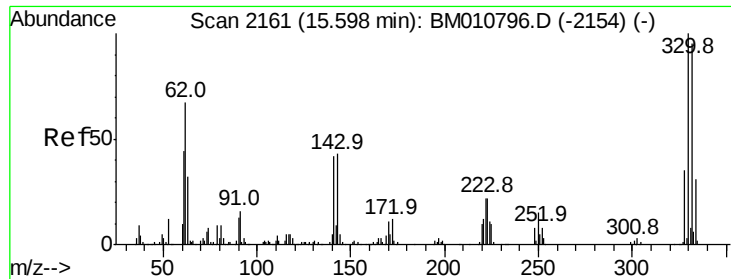
Tot Ion: 82 Resp: 2407827
 Ion Ratio Lower Upper
 82 100
 128 28.6 32.8 49.2#
 54 45.7 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.08 min Scan# 1903
 Delta R.T. -0.02 min
 Lab File: BM010939.D
 Acq: 21 Jul 2017 17:10

Tgt Ion: 164 Resp: 201821
 Ion Ratio Lower Upper
 164 100
 162 107.6 82.4 123.6
 160 53.5 35.8 53.6

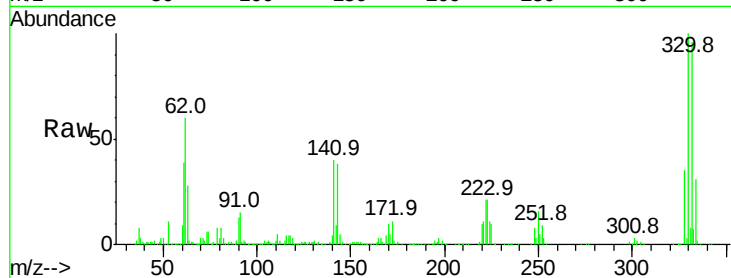




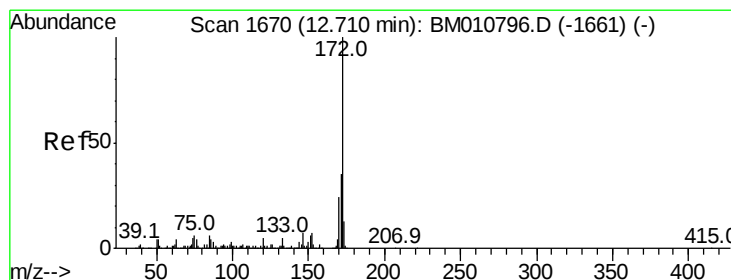
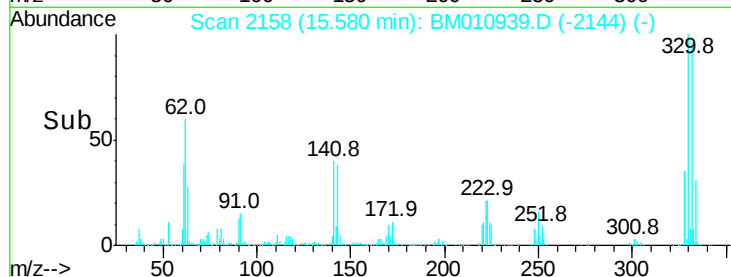
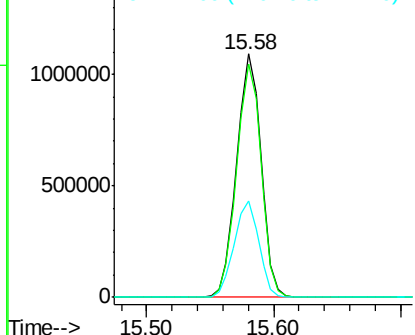
#41
 2,4,6-Tribromophenol
 Concen: 471.237 ng
 RT: 15.58 min Scan# 2158
 Delta R.T. -0.02 min
 Lab File: BM010939.D
 Acq: 21 Jul 2017 17:10

Instrument :
 BNA_M
 ClientSampleId :
 B-COMB-4

Tot Ion:330 Resp: 1453393
 Ion Ratio Lower Upper
 330 100
 332 96.1 0.0 0.0#
 141 39.7 0.0 0.0#

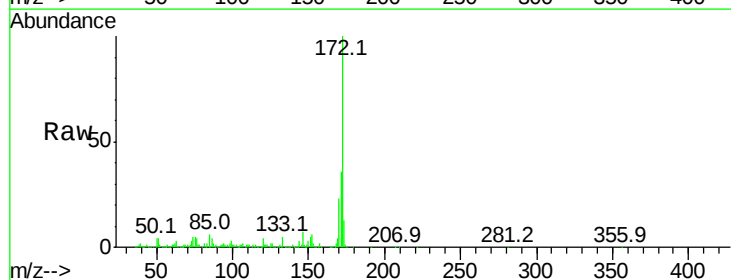


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

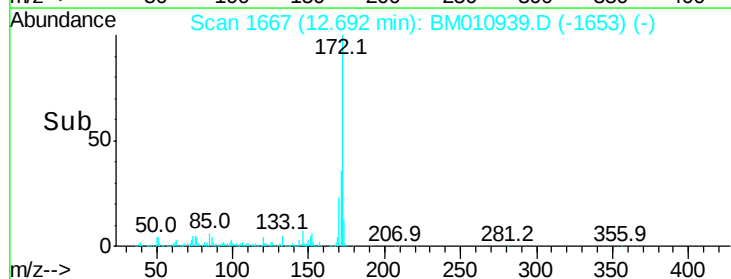
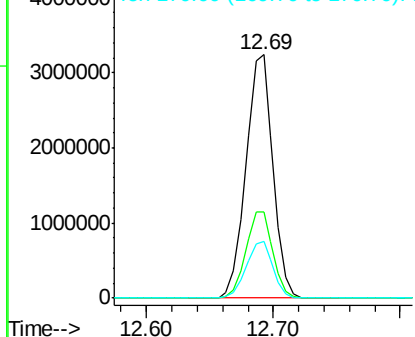


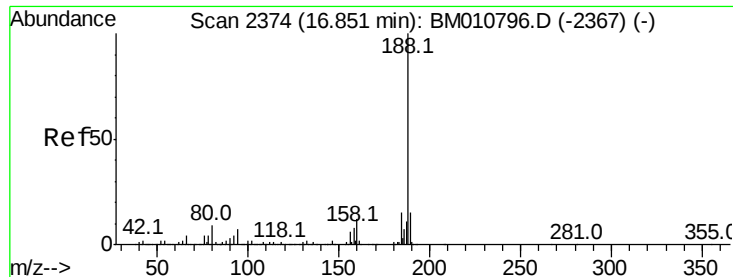
#44
 2-Fluorobiphenyl
 Concen: 295.019 ng
 RT: 12.69 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BM010939.D
 Acq: 21 Jul 2017 17:10

Tgt Ion:172 Resp: 4786161
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.5 42.7
 170 23.0 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: 16.83 min Scan# 2371

Delta R.T. -0.02 min

Lab File: BM010939.D

Acq: 21 Jul 2017 17:10

Instrument :

BNA_M

ClientSampleId :

B-COMB-4

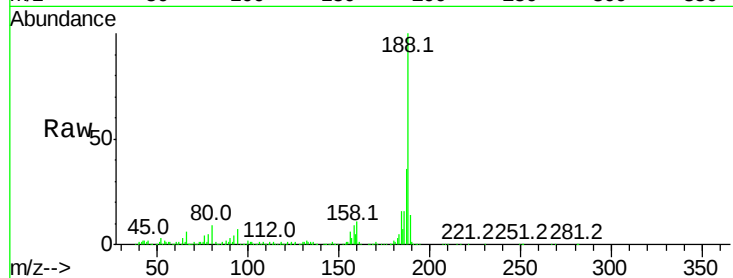
Tot Ion:188 Resp: 830215

Ion Ratio Lower Upper

188 100

94 7.4 8.7 13.1#

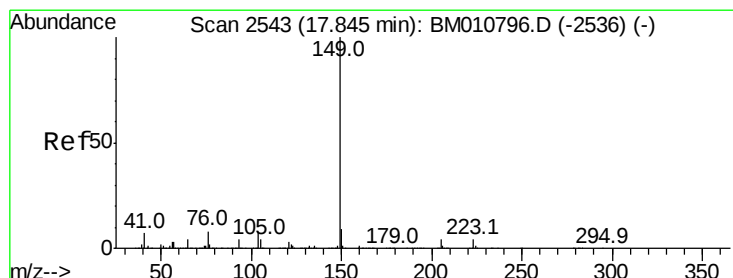
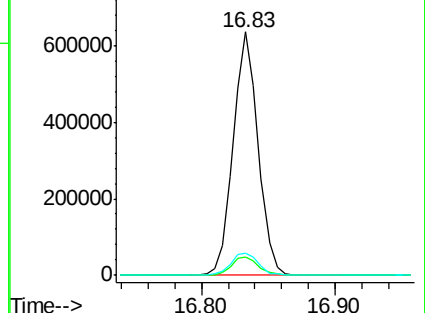
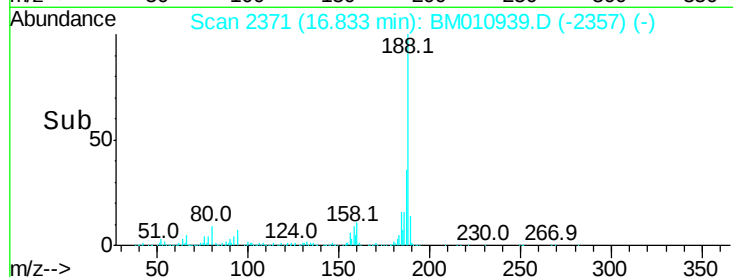
80 9.2 9.3 13.9#



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



#73

Di-n-butylphthalate

Concen: 13.860 ng

RT: 17.83 min Scan# 2540

Delta R.T. -0.02 min

Lab File: BM010939.D

Acq: 21 Jul 2017 17:10

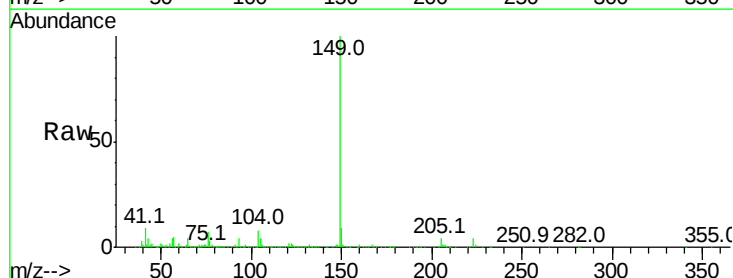
Tgt Ion:149 Resp: 619169

Ion Ratio Lower Upper

149 100

150 8.9 7.5 11.3

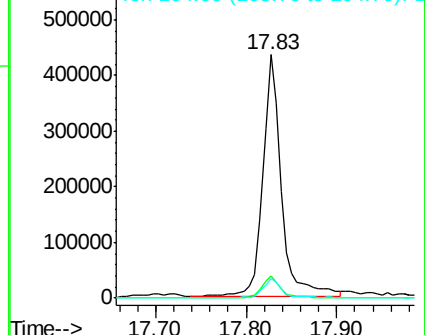
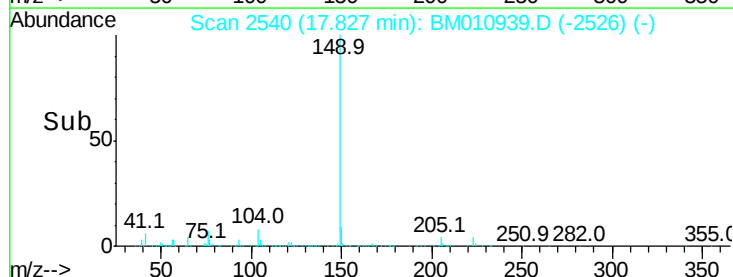
104 8.0 3.7 5.5#

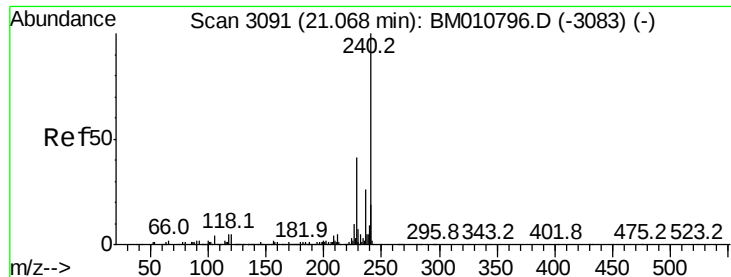


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Chrvsene-d12

Concen: 20.000 ng

RT: 21.05 min Scan# 3088

Delta R.T. -0.02 min

Lab File: BM010939.D

Acq: 21 Jul 2017 17:10

Instrument :

BNA_M

ClientSampleId :

B-COMB-4

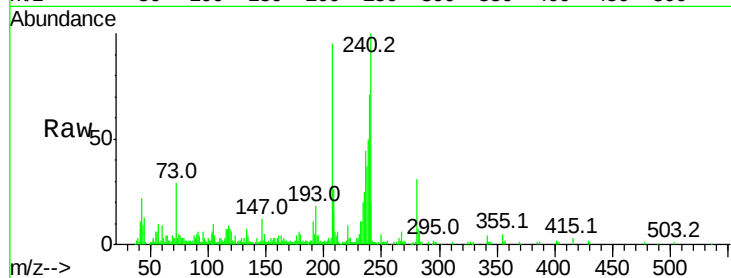
Tot Ion:240 Resp: 100550

Ion Ratio Lower Upper

240 100

120 6.0 8.2 12.2#

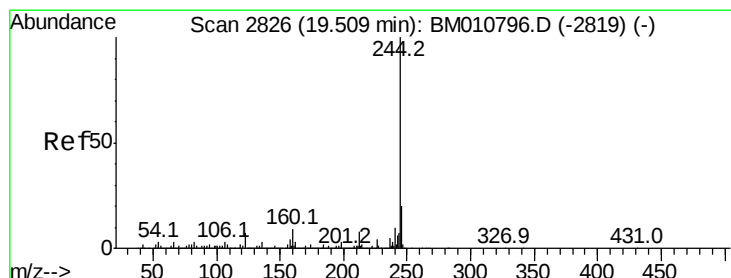
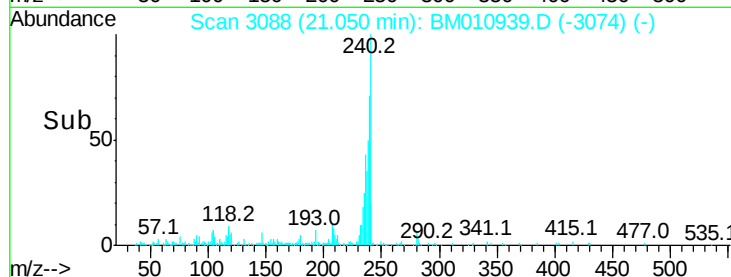
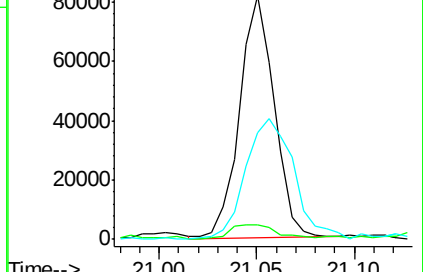
236 43.9 20.0 30.0#



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: 573.927 ng

RT: 19.50 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM010939.D

Acq: 21 Jul 2017 17:10

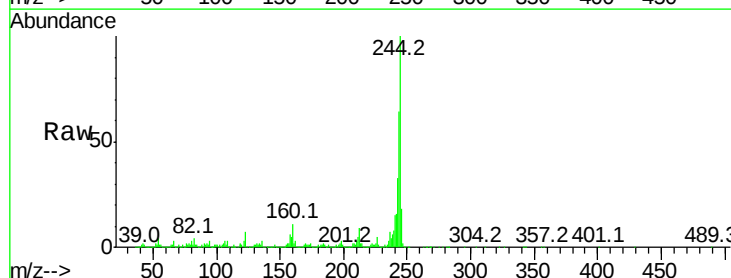
Tgt Ion:244 Resp: 2983725

Ion Ratio Lower Upper

244 100

212 9.1 4.9 7.3#

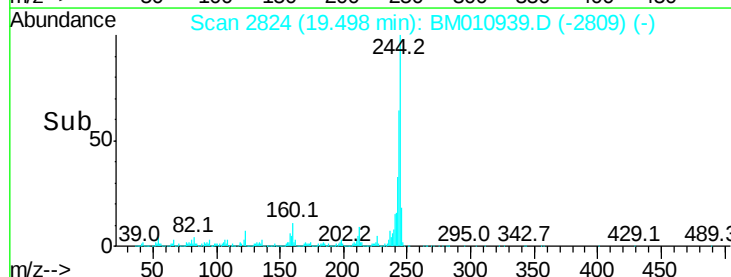
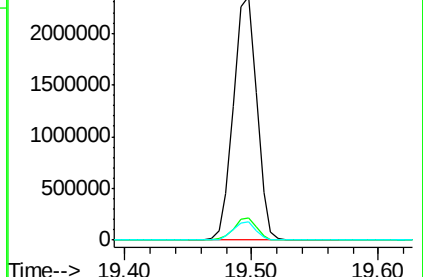
122 7.3 6.2 9.4

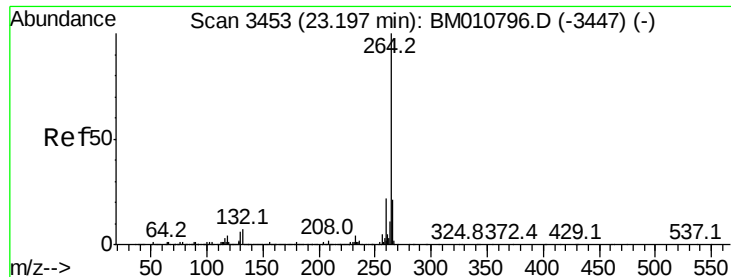


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

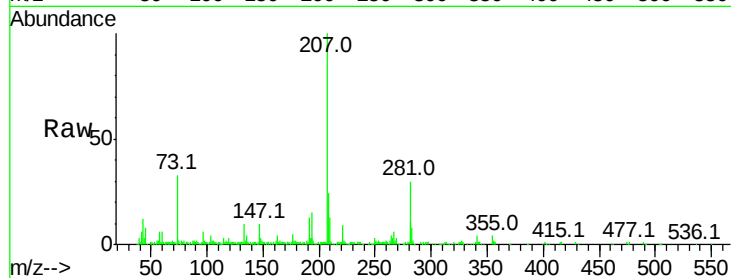




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.17 min Scan# 3448
 Delta R.T. -0.03 min
 Lab File: BM010939.D
 Acq: 21 Jul 2017 17:10

Instrument :
 BNA_M
 ClientSampleId :
 B-COMB-4

Tot Ion: 264 Resp: 16419
 Ion Ratio Lower Upper
 264 100
 260 33.9 18.6 27.8#
 265 63.7 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

