

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 21 23:23:57 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	13.86	ng	# 96
83) Bis(2-ethylhexyl)phthalate	21.00	149	11919	4.01	ng	# 95
85) Indeno(1,2,3-cd)pyrene	25.26	276	15760	2.48	ng	# 100
87) Benzo(b)fluoranthene	22.54	252	7283	6.98	ng	# 44
88) Benzo(k)fluoranthene	22.59	252	6297	6.32	ng	# 58
89) Benzo(a)pyrene	23.08	252	6558	6.91	ng	# 29
90) Dibenzo(a,h)anthracene	25.29	278	15023	16.30	ng	# 65
91) Benzo(g,h,i)perylene	25.91	276	13233	14.61	ng	96

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

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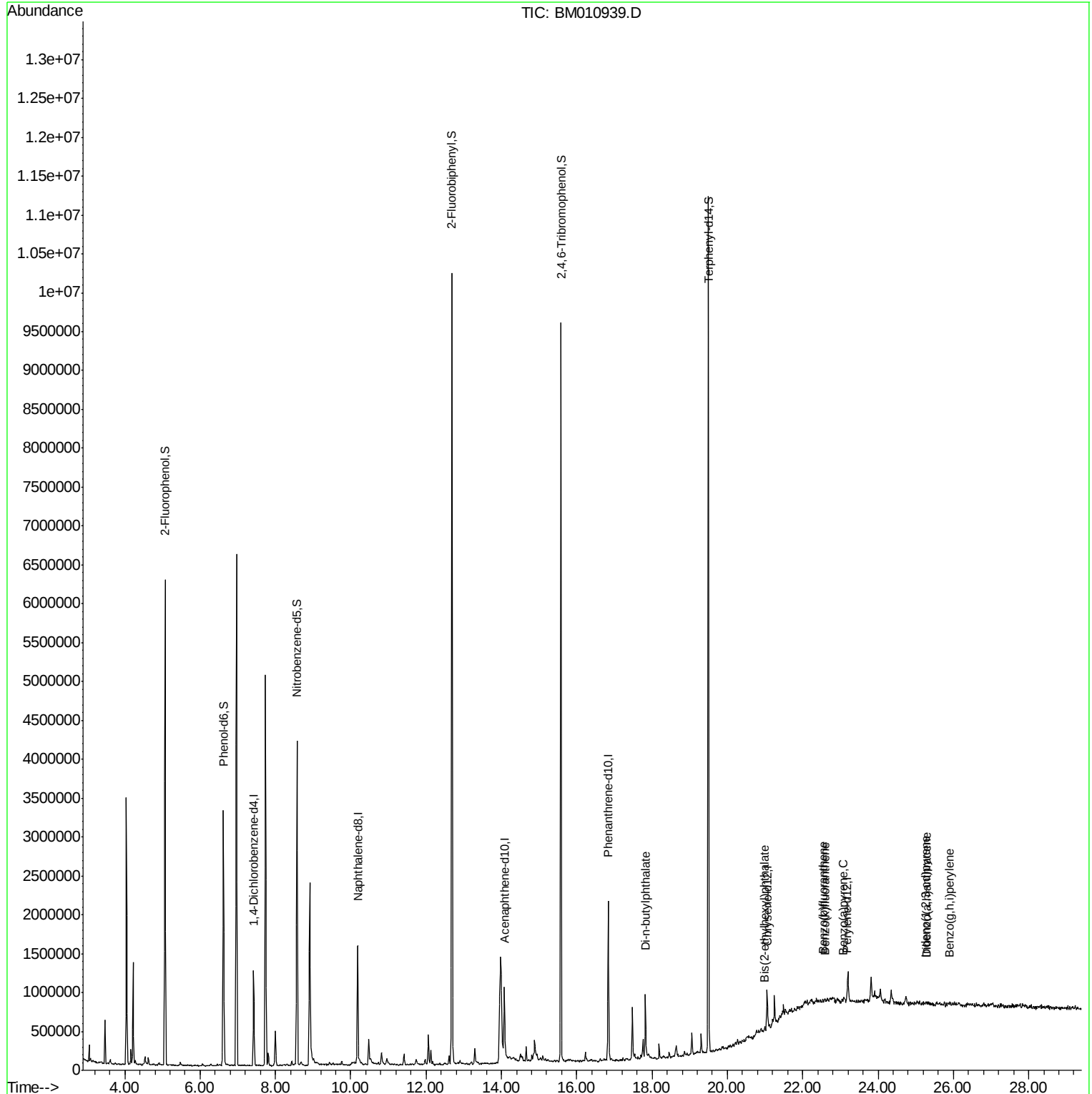
Quant Time: Jul 21 23:23:57 2017

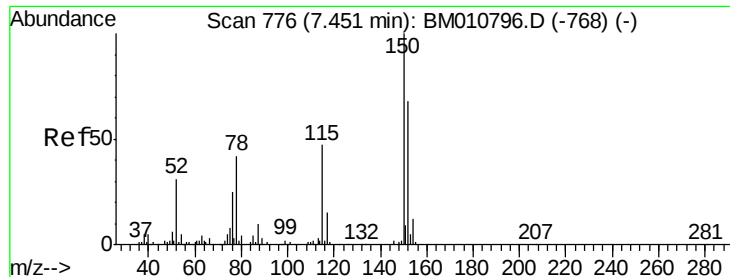
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM071217.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jul 12 14:21:16 2017

Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 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

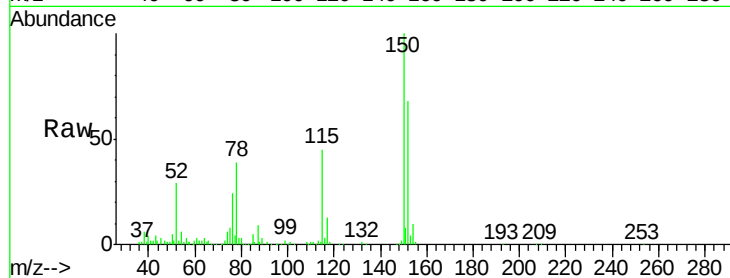
Tgt Ion:152 Resp: 273237

Ion Ratio Lower Upper

152 100

150 148.1 119.5 179.3

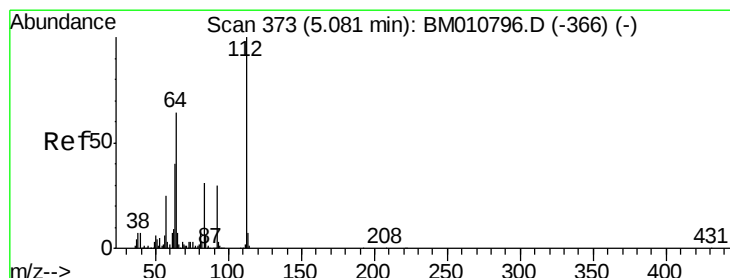
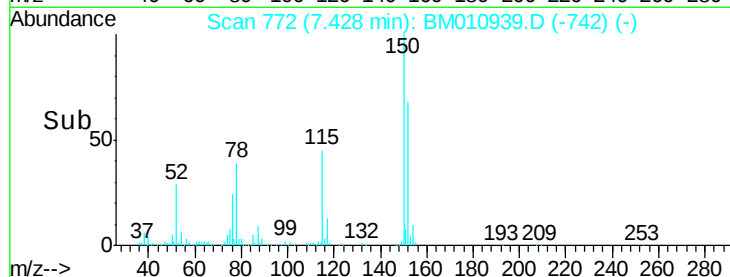
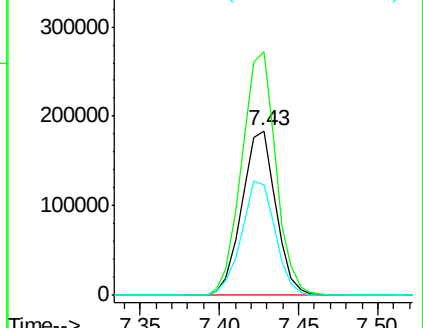
115 67.3 43.0 64.4#



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: 124.19 ng

RT: 5.07 min Scan# 371

Delta R.T. -0.01 min

Lab File: BM010939.D

Acq: 21 Jul 2017 17:10

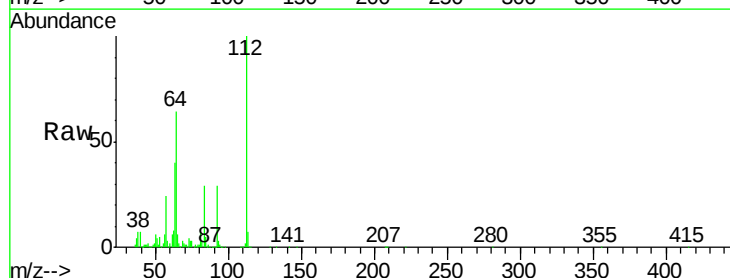
Tgt Ion:112 Resp: 2048442

Ion Ratio Lower Upper

112 100

64 64.0 38.6 57.8#

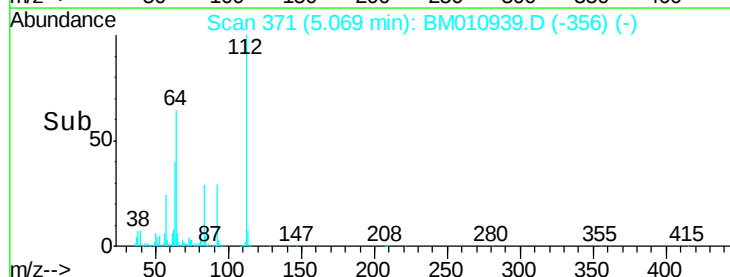
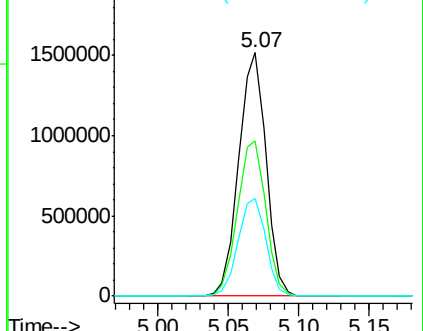
63 39.9 19.3 28.9#

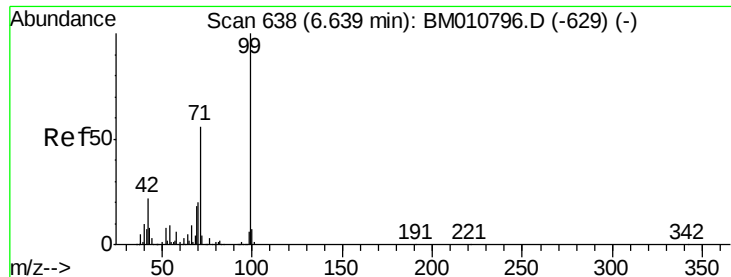


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 51.45 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

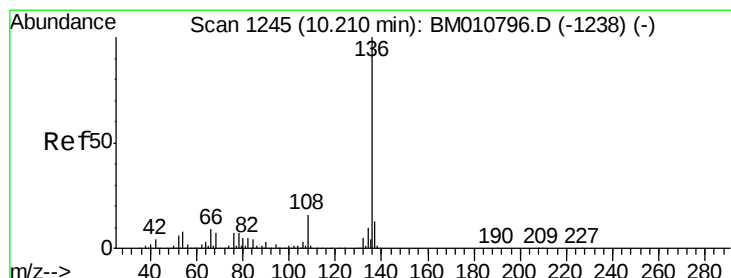
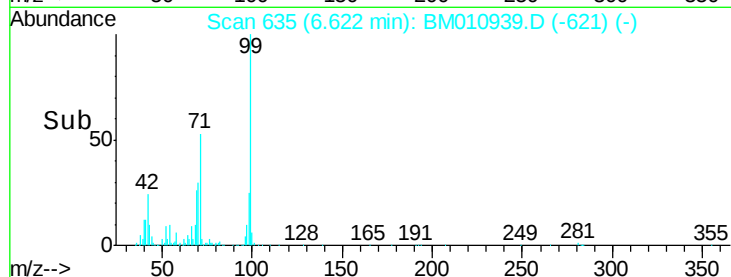
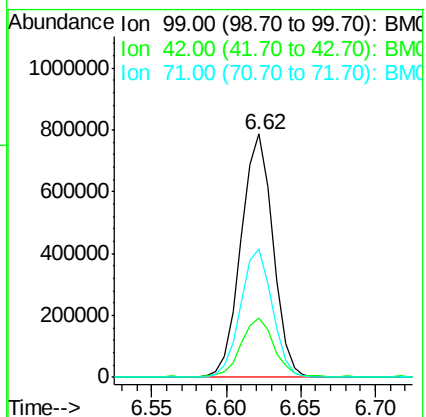
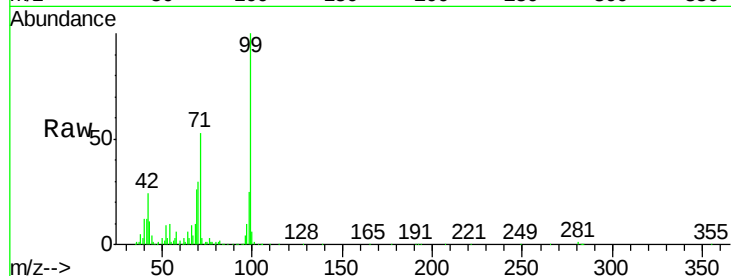
Tgt Ion: 99 Resp: 1169918

Ion Ratio Lower Upper

99 100

42 24.4 11.0 16.4#

71 52.6 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.00 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

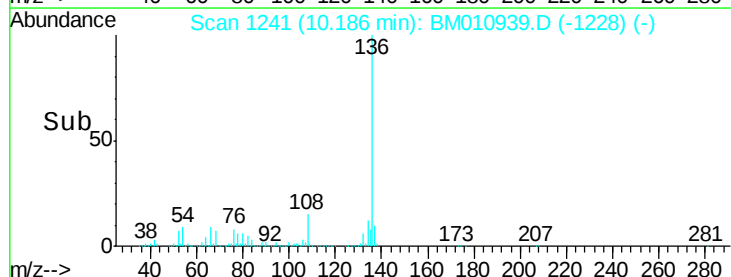
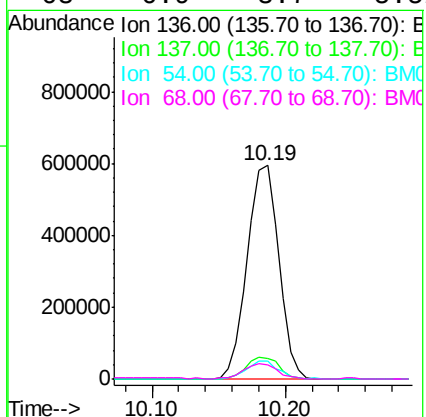
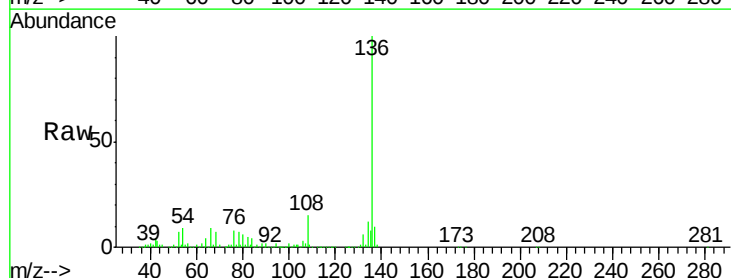
Ion Ratio Lower Upper

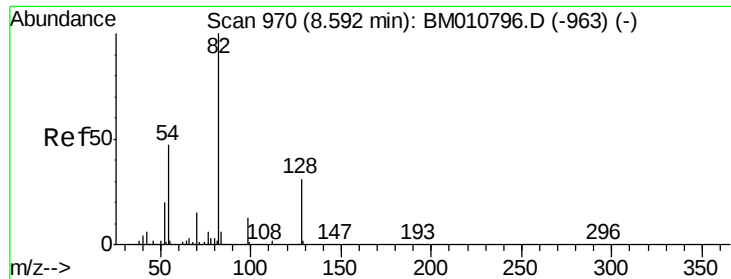
136 100

137 9.8 8.7 13.1

54 8.7 4.6 6.8#

68 6.9 3.7 5.5#

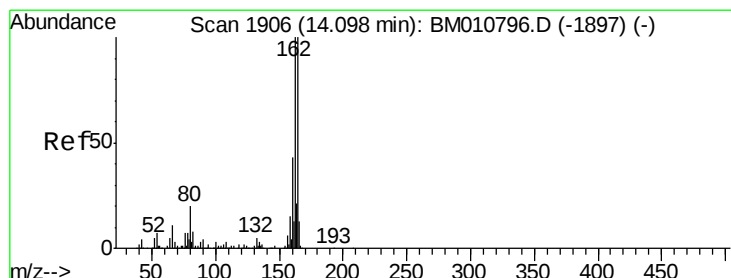
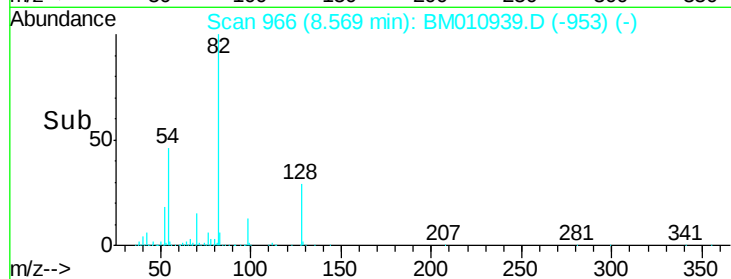
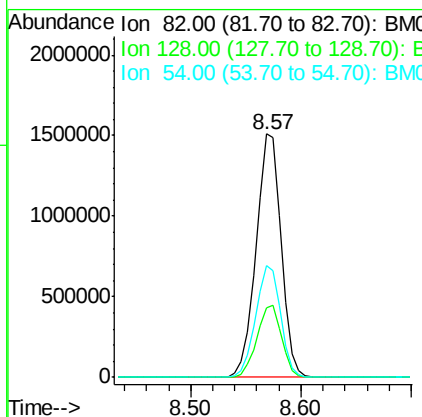
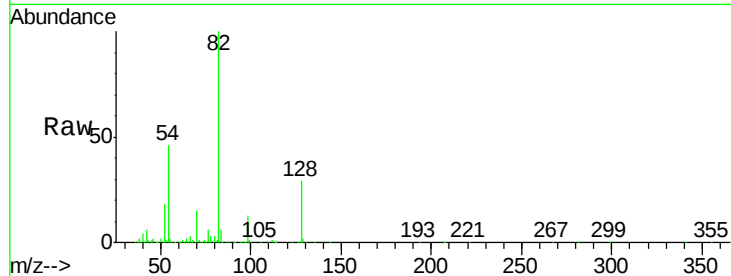




#23
 Nitrobenzene-d5
 Concen: 94.89 ng
 RT: 8.57 min Scan# 966
 Delta R.T. -0.02 min
 Lab File: BM010939.D
 Acq: 21 Jul 2017 17:10

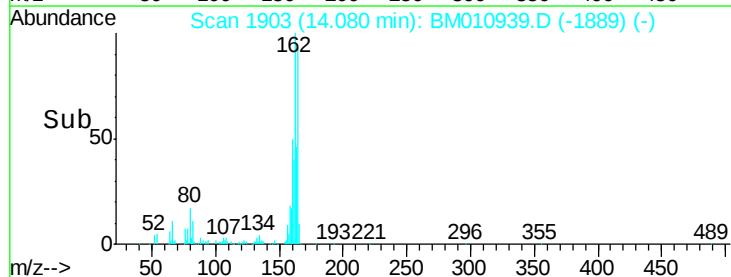
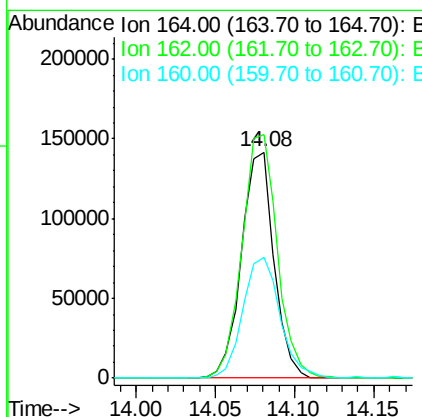
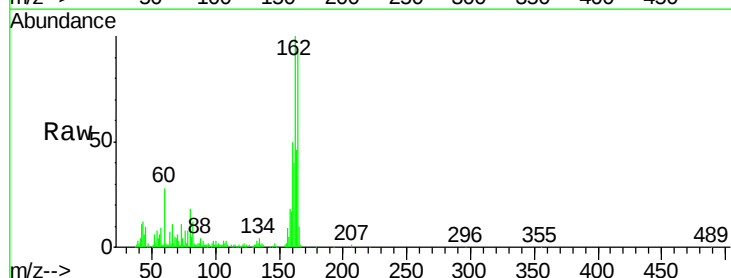
Instrument :
 BNA_M
 ClientSampleId :
 B-COMB-4

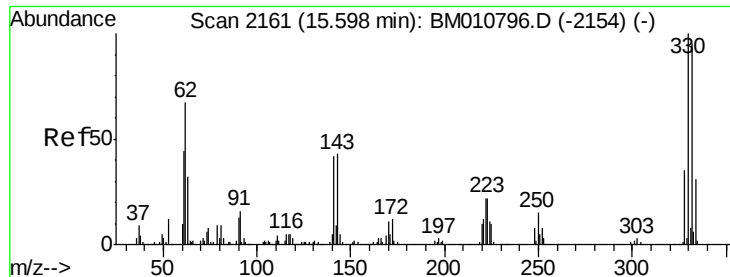
Tgt Ion: 82 Resp: 2407827
 Ion Ratio Lower Upper
 82 100
 128 28.6 32.8 49.2#
 54 45.7 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 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

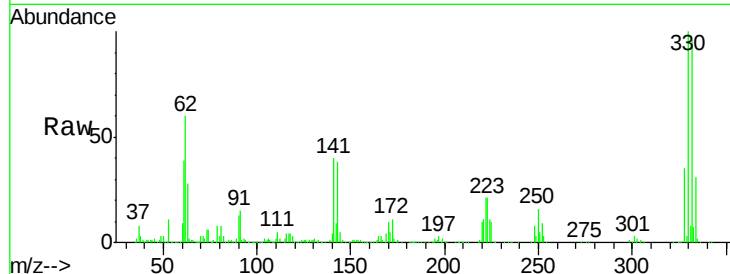




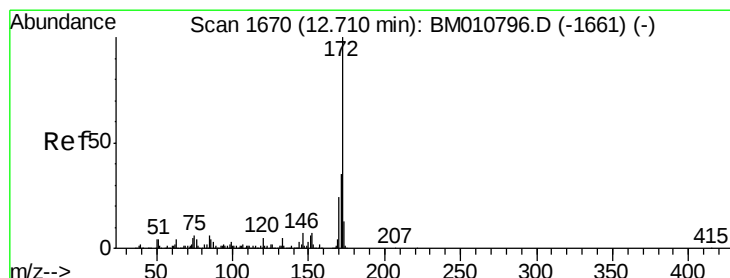
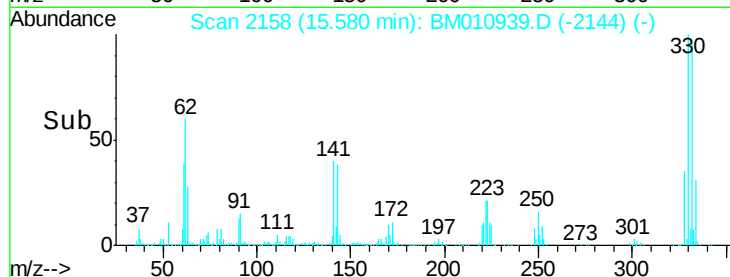
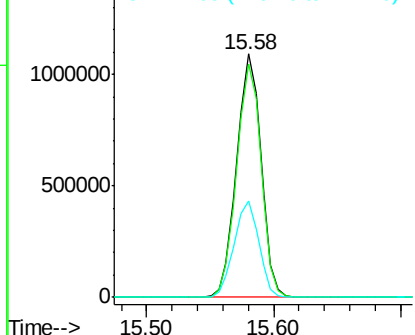
#41
 2,4,6-Tribromophenol
 Concen: 471.24 ng
 RT: 15.58 min Scan# 2158
 Delta R.T. -0.02 min
 Lab File: BM010939.D
 Acq: 21 Jul 2017 17:10

Instrument :
 BNA_M
 ClientSampleId :
 B-COMB-4

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

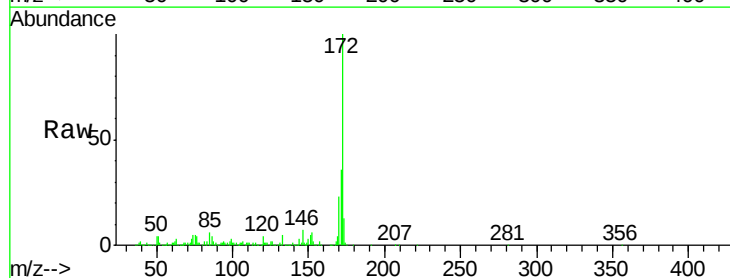


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

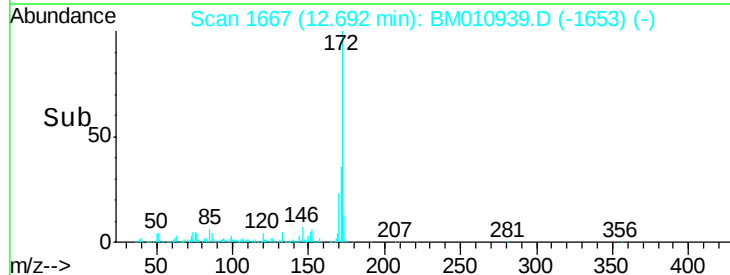
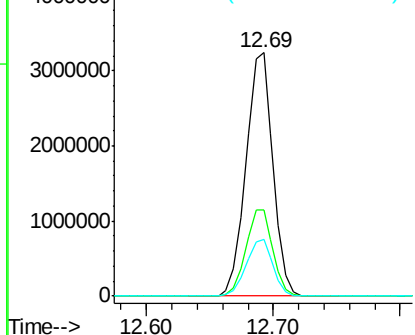


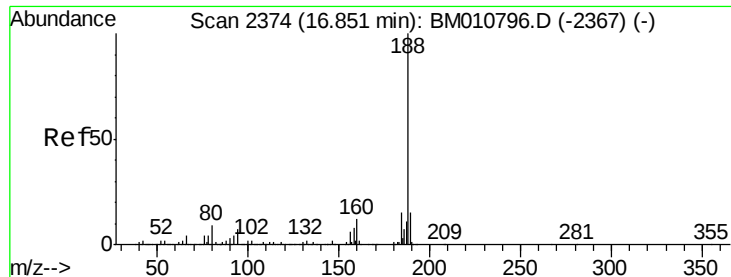
#44
 2-Fluorobiphenyl
 Concen: 295.02 ng
 RT: 12.69 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BM010939.D
 Acq: 21 Jul 2017 17:10

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

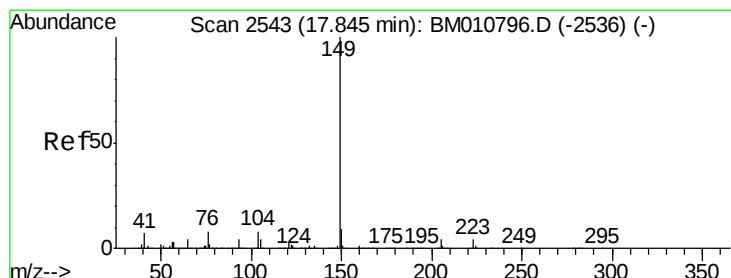
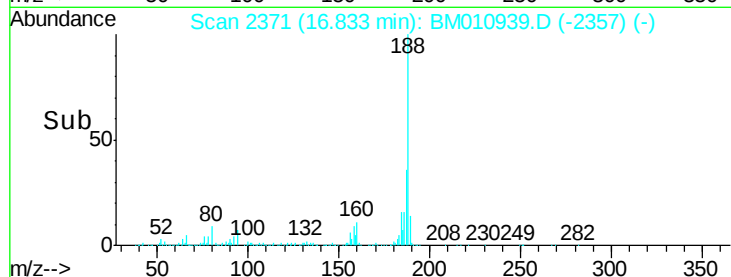
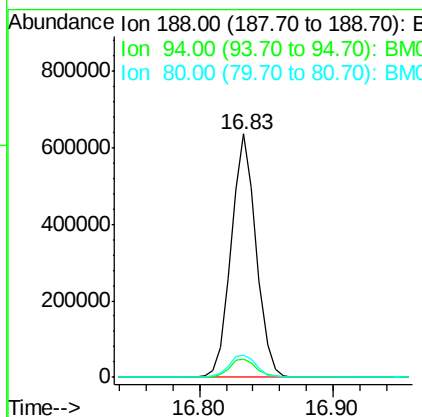
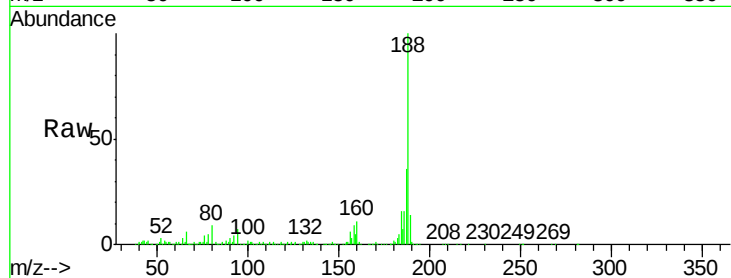




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.83 min Scan# 2371
Delta R.T. -0.02 min
Lab File: BM010939.D
Acq: 21 Jul 2017 17:10

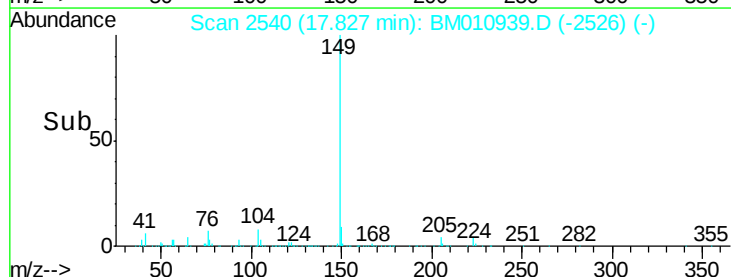
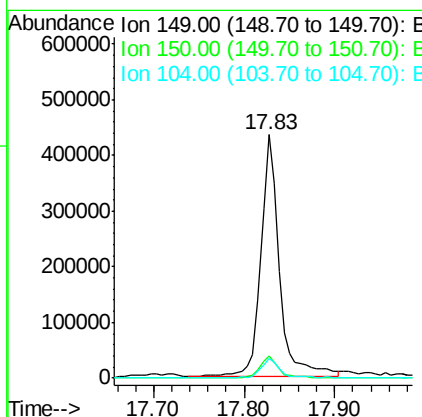
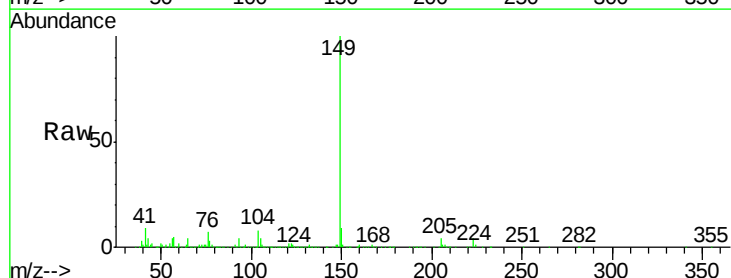
Instrument :
BNA_M
ClientSampleId :
B-COMB-4

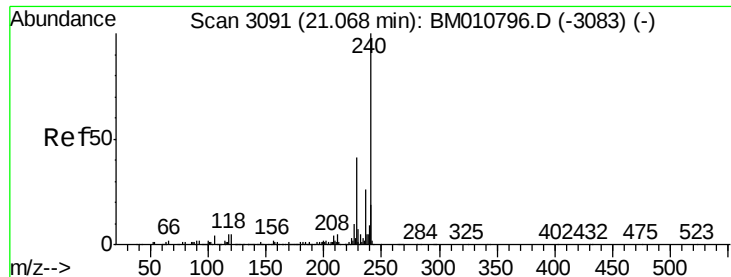
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.4	8.7	13.1#
80	9.2	9.3	13.9#



#73
Di-n-butylphthalate
Concen: 13.86 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	Ratio	Lower	Upper
149	100		
150	8.9	7.5	11.3
104	8.0	3.7	5.5#





#75

Chrysene-d12

Concen: 20.00 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

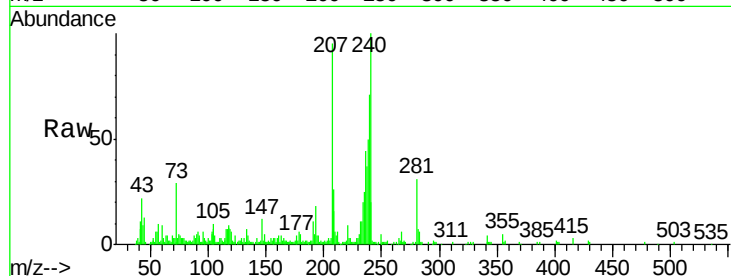
Tgt Ion:240 Resp: 100550

Ion Ratio Lower Upper

240 100

120 6.0 8.2 12.2#

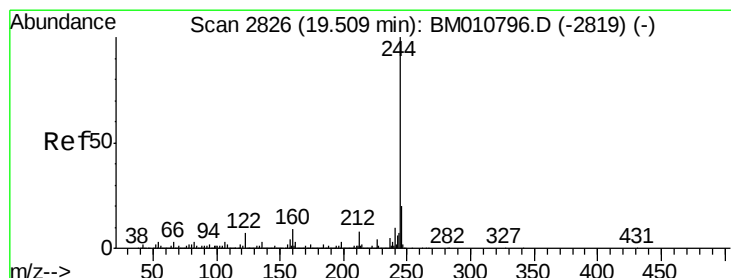
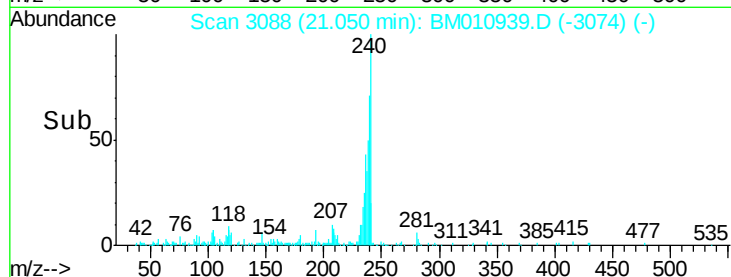
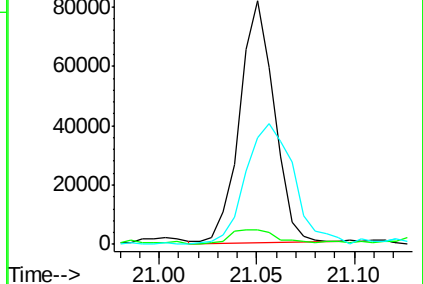
236 43.9 20.0 30.0#



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: 573.93 ng

RT: 19.50 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM010939.D

Acq: 21 Jul 2017 17:10

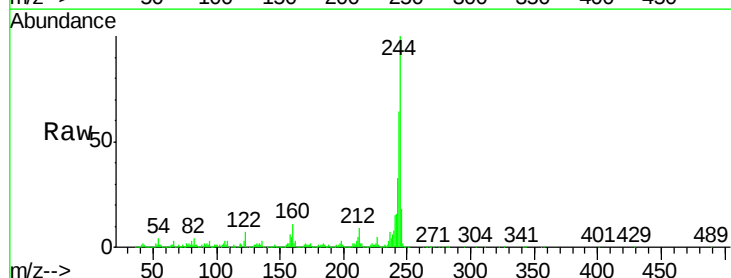
Tgt Ion:244 Resp: 2983725

Ion Ratio Lower Upper

244 100

212 9.1 4.9 7.3#

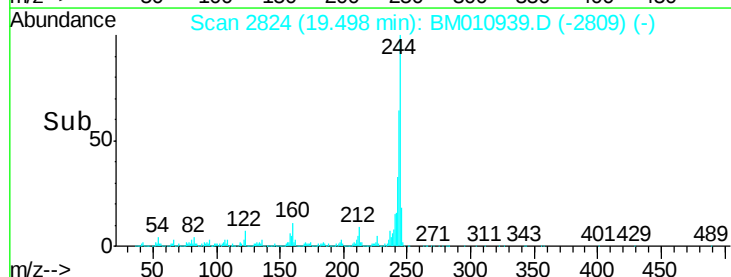
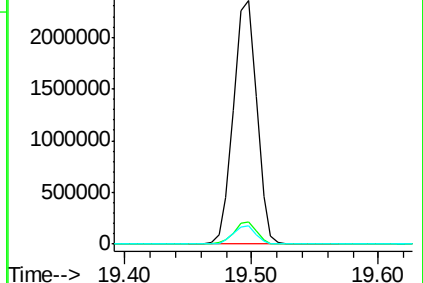
122 7.3 6.2 9.4

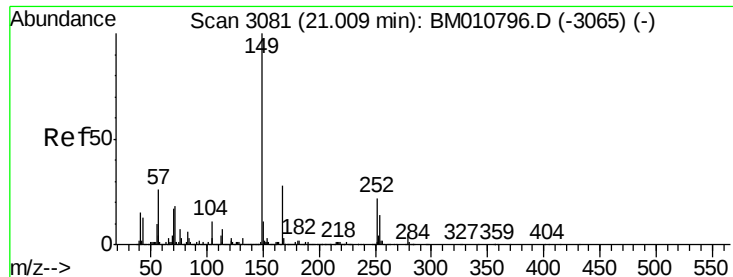


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 4.01 ng

RT: 21.00 min Scan# 3079

Delta R.T. -0.01 min

Lab File: BM010939.D

Acq: 21 Jul 2017 17:10

Instrument :

BNA_M

ClientSampleId :

B-COMB-4

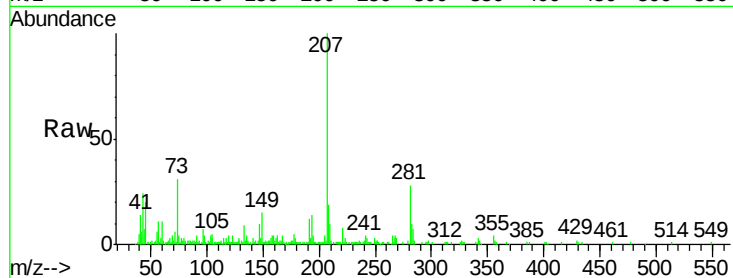
Tgt Ion:149 Resp: 11919

Ion Ratio Lower Upper

149 100

167 26.3 22.4 33.6

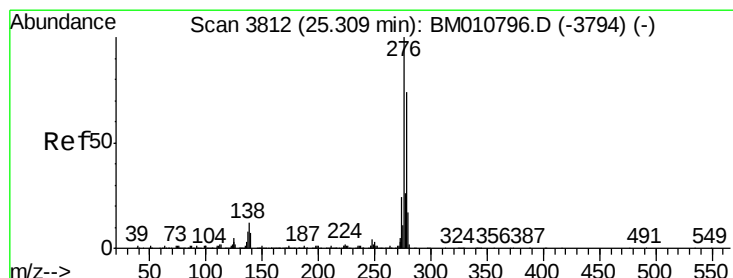
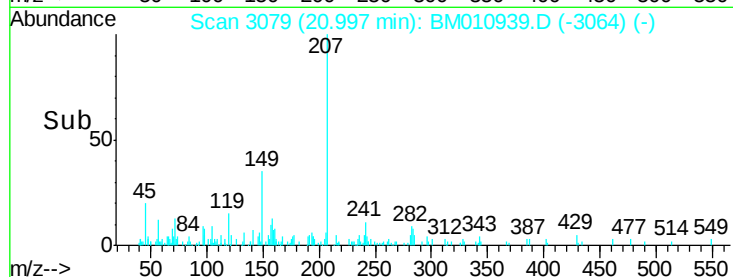
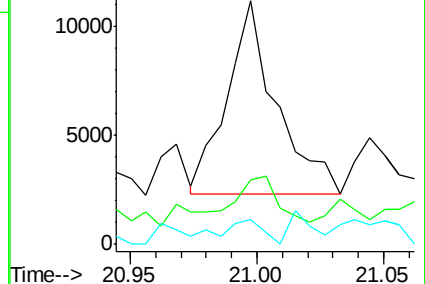
279 10.1 3.4 5.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 2.48 ng

RT: 25.26 min Scan# 3804

Delta R.T. -0.05 min

Lab File: BM010939.D

Acq: 21 Jul 2017 17:10

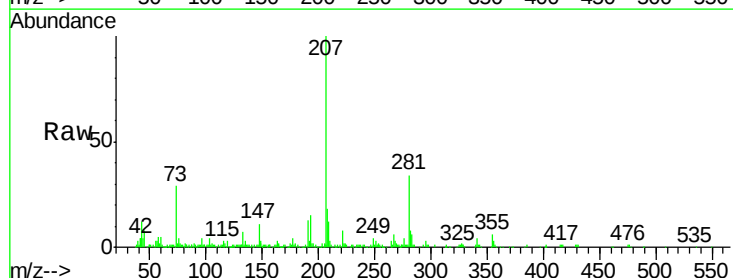
Tgt Ion:276 Resp: 15760

Ion Ratio Lower Upper

276 100

138 15.7 0.0 0.0#

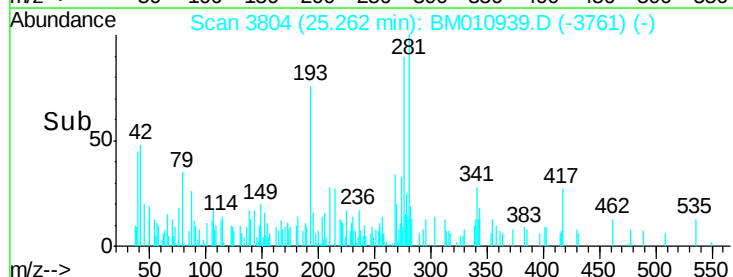
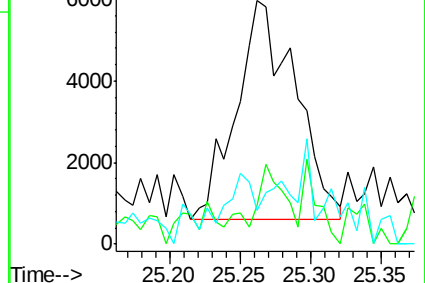
277 11.1 0.0 0.0#

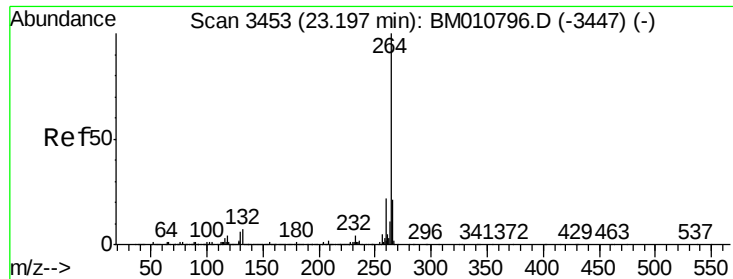


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

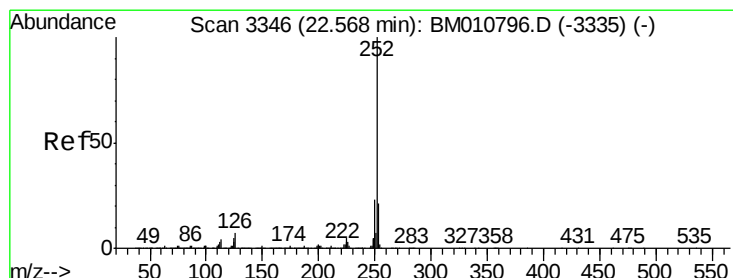
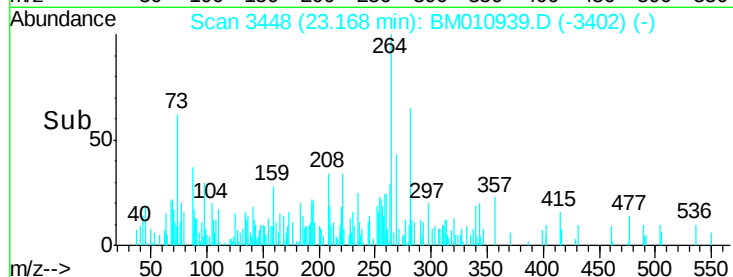
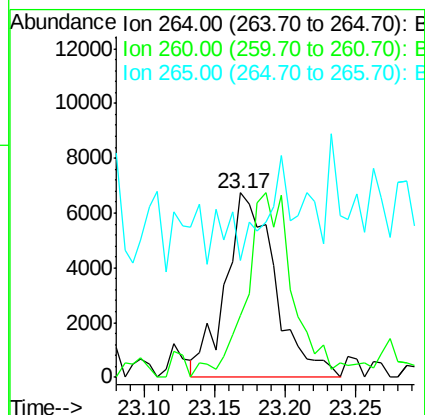
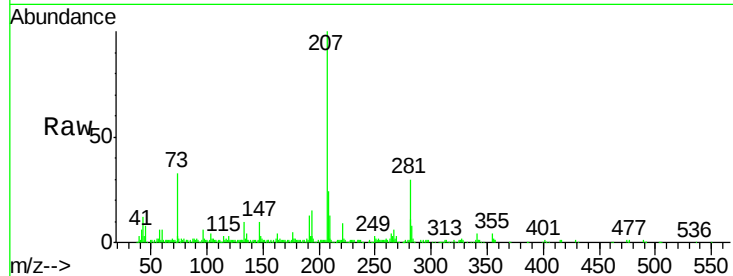




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.17 min Scan# 3448
Delta R.T. -0.03 min
Lab File: BM010939.D
Acq: 21 Jul 2017 17:10

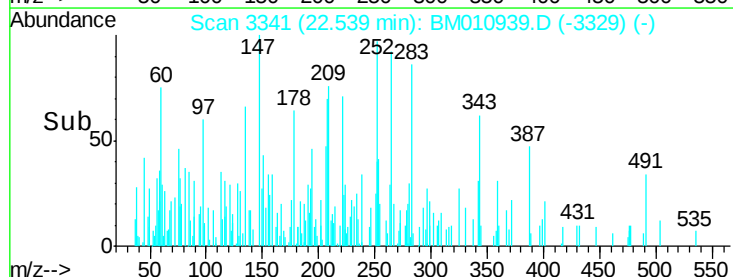
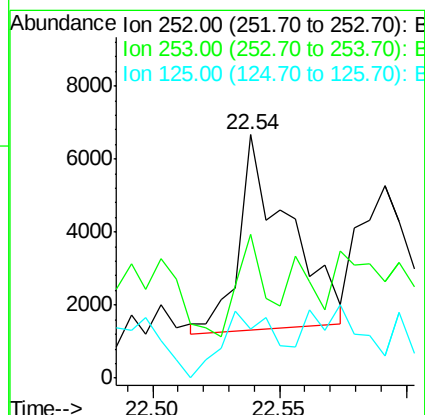
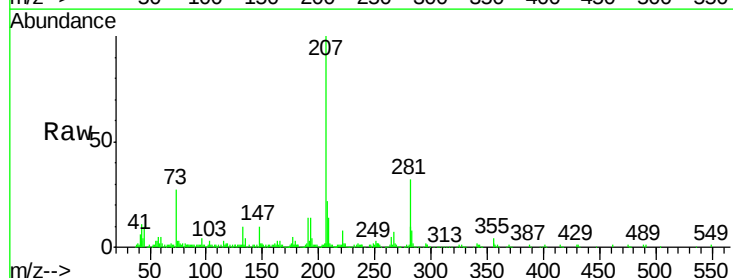
Instrument :
BNA_M
ClientSampleId :
B-COMB-4

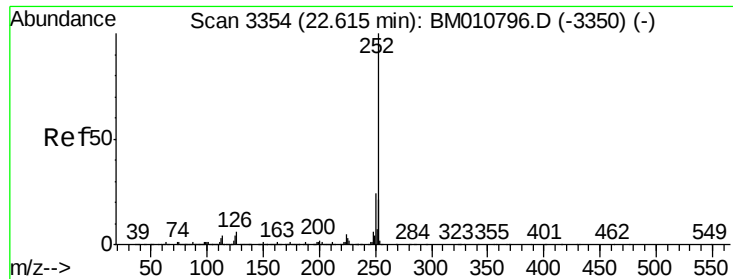
Tgt Ion: 264 Resp: 16419
Ion Ratio Lower Upper
264 100
260 33.9 18.6 27.8#
265 63.7 17.3 25.9#



#87
Benzo(b)fluoranthene
Concen: 6.98 ng
RT: 22.54 min Scan# 3341
Delta R.T. -0.03 min
Lab File: BM010939.D
Acq: 21 Jul 2017 17:10

Tgt Ion: 252 Resp: 7283
Ion Ratio Lower Upper
252 100
253 59.0 18.0 27.0#
125 20.2 9.9 14.9#





#88

Benzo(k)fluoranthene

Concen: 6.32 ng

RT: 22.59 min Scan# 3350

Delta R.T. -0.02 min

Lab File: BM010939.D

Acq: 21 Jul 2017 17:10

Instrument :

BNA_M

ClientSampleId :

B-COMB-4

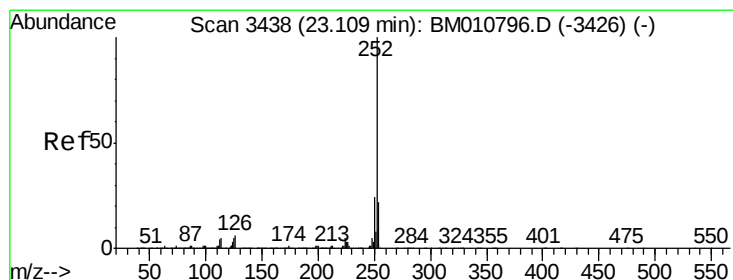
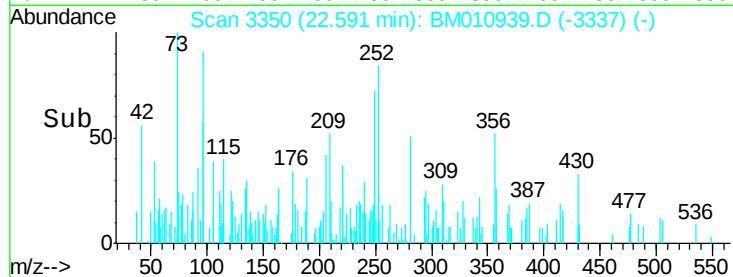
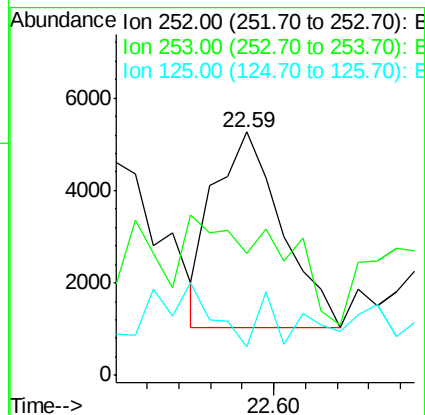
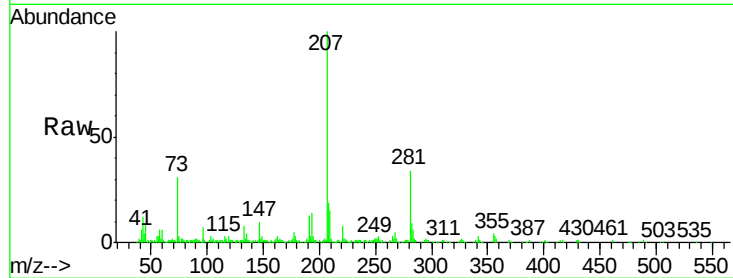
Tgt Ion:252 Resp: 6297

Ion Ratio Lower Upper

252 100

253 50.0 17.2 25.8#

125 11.5 8.1 12.1



#89

Benzo(a)pyrene

Concen: 6.91 ng

RT: 23.08 min Scan# 3433

Delta R.T. -0.03 min

Lab File: BM010939.D

Acq: 21 Jul 2017 17:10

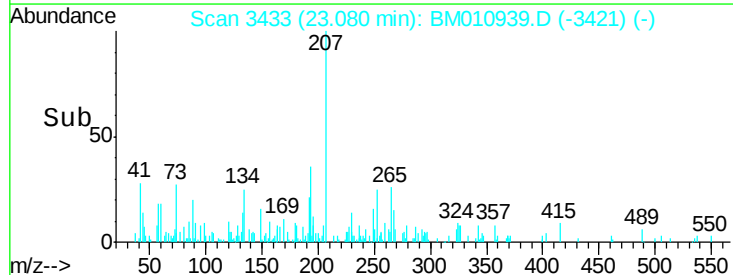
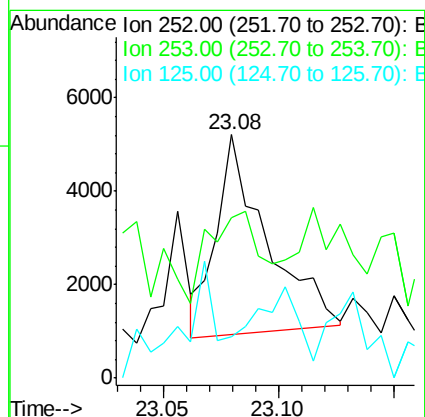
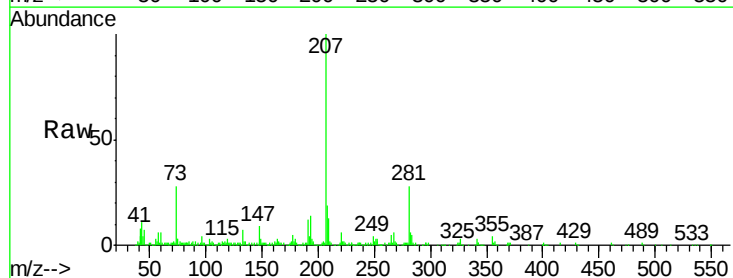
Tgt Ion:252 Resp: 6558

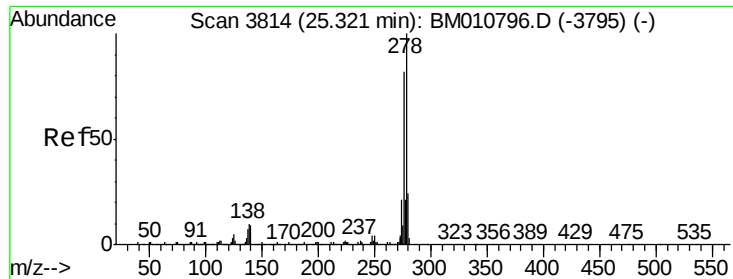
Ion Ratio Lower Upper

252 100

253 66.0 17.6 26.4#

125 17.1 7.4 11.2#





#90

Dibenzo(a,h)anthracene

Concen: 16.30 ng

RT: 25.29 min Scan# 3808

Delta R.T. -0.04 min

Lab File: BM010939.D

Acq: 21 Jul 2017 17:10

Instrument :

BNA_M

ClientSampleId :

B-COMB-4

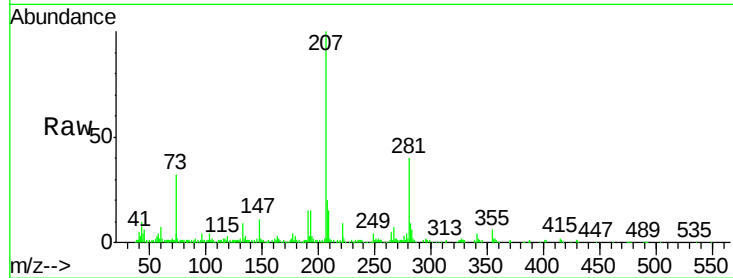
Tgt Ion:278 Resp: 15023

Ion Ratio Lower Upper

278 100

139 14.0 13.4 20.0

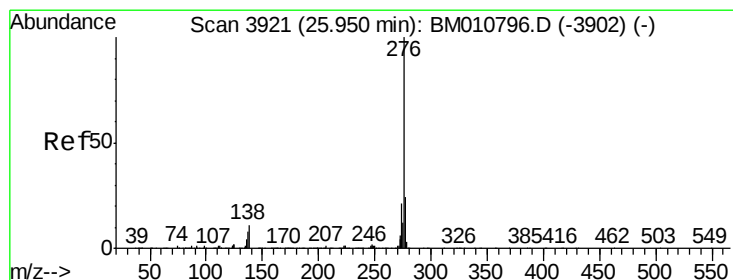
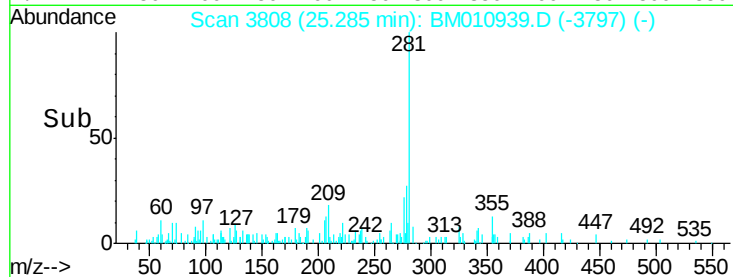
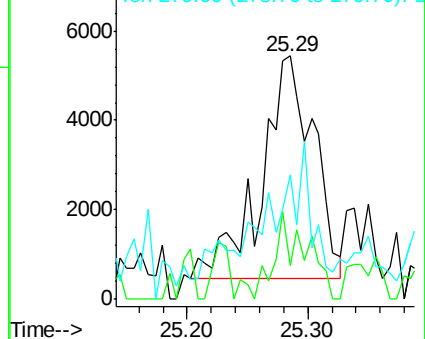
279 51.1 19.0 28.4#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 14.61 ng

RT: 25.91 min Scan# 3914

Delta R.T. -0.04 min

Lab File: BM010939.D

Acq: 21 Jul 2017 17:10

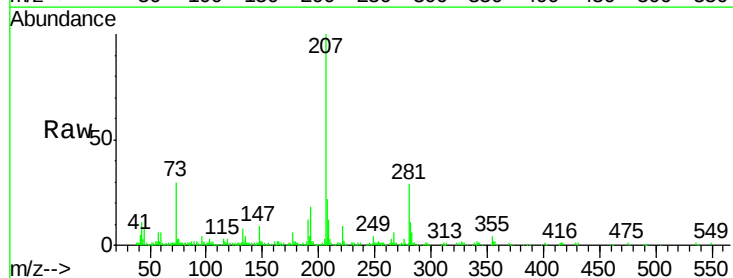
Tgt Ion:276 Resp: 13233

Ion Ratio Lower Upper

276 100

277 26.4 18.5 27.7

138 24.6 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

