

Data Path : Z:\HPCHEM1\BNA_M\Data\BM052015\
 Data File : BM001380.D
 Acq On : 22 May 2015 03:40
 Operator : TP/IZ
 Sample : G2313-05
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RAV-GT-101

Quant Time: May 22 05:35:18 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM052015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 25 10:49:04 2015
 Response via : Initial Calibration

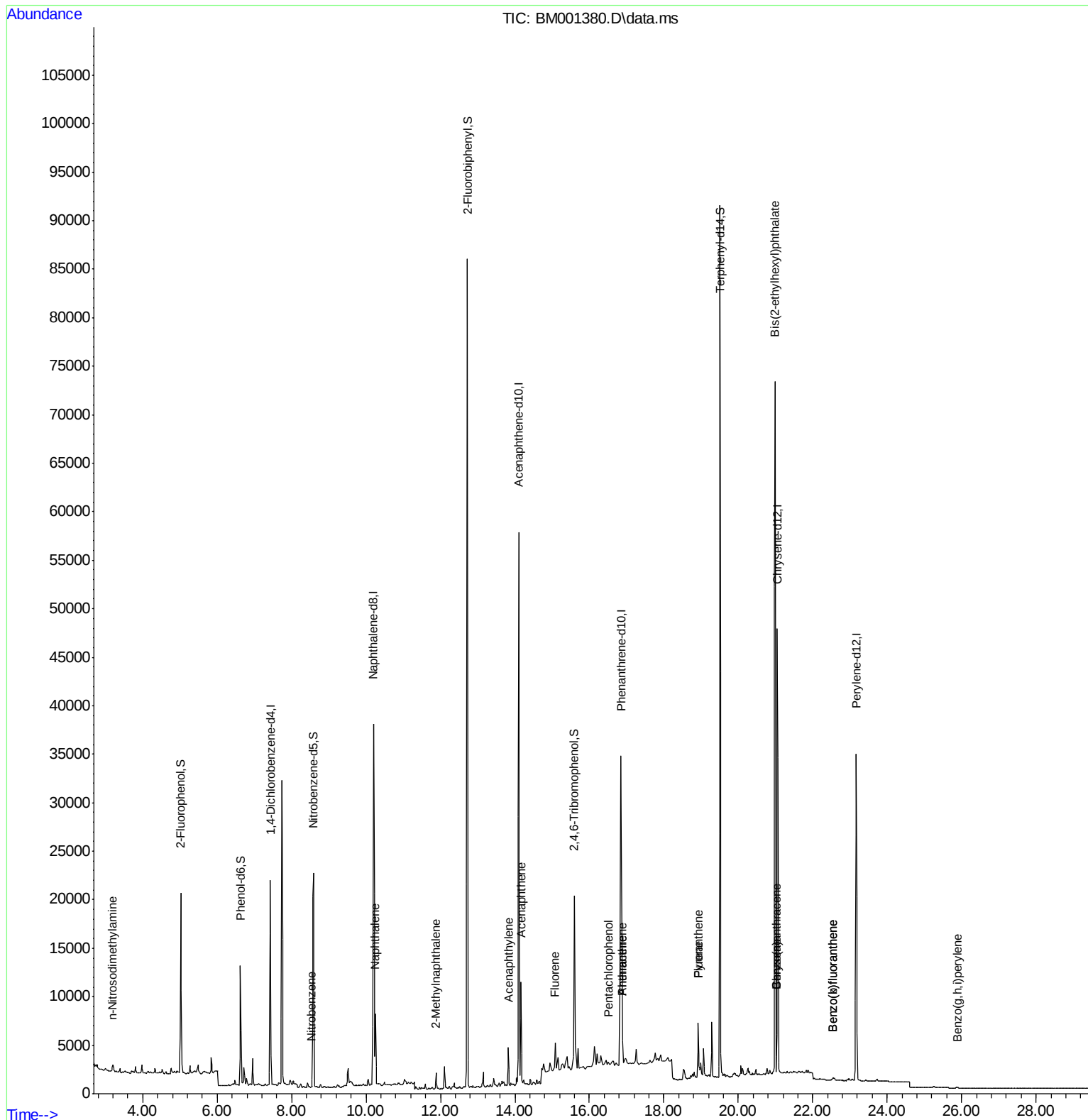
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.432	152	11549	5.00 ng	0.00
6) Naphthalene-d8	10.199	136	51763	5.00 ng	0.00
12) Acenaphthene-d10	14.107	164	31852	5.00 ng	0.00
18) Phenanthrene-d10	16.852	188	66718	5.00 ng	# 0.00
25) Chrysene-d12	21.052	240	53457	5.00 ng	#-0.02
32) Perylene-d12	23.168	264	40003	5.00 ng	0.00
System Monitoring Compounds					
4) 2-Fluorophenol	5.021	112	14401	6.42 ng	0.00
5) Phenol-d6	6.628	99	12321	4.41 ng	0.02
7) Nitrobenzene-d5	8.586	82	18939	6.78 ng	0.00
13) 2,4,6-Tribromophenol	15.595	330	14429	10.89 ng	0.00
14) 2-Fluorobiphenyl	12.719	172	85723	9.02 ng	0.00
27) Terphenyl-d14	19.503	244	89562	12.74 ng	0.00
Target Compounds					
2) 1,4-Dioxane	3.166	88	92	Below Cal	# 25
3) n-Nitrosodimethylamine	3.197	42	218	0.17 ng	# 10
8) Nitrobenzene	8.534	77	193	0.17 ng	# 27
9) Naphthalene	10.250	128	9231	0.84 ng	# 96
11) 2-Methylnaphthalene	11.886	142	1292	0.16 ng	# 91
15) Acenaphthylene	13.817	152	3808	0.28 ng	# 88
16) Acenaphthene	14.168	154	5476	0.65 ng	# 99
17) Fluorene	15.085	166	4411	0.66 ng	# 65
21) Pentachlorophenol	16.512	266	31	0.40 ng	# 61
22) Phenanthrene	16.886	178	4374	0.19 ng	# 84
23) Anthracene	16.886	178	4374	0.48 ng	# 64
24) Fluoranthene	18.922	202	4681	0.23 ng	# 86
26) Pyrene	18.922	202	4681	0.29 ng	# 95
28) Benzo(a)anthracene	21.036	228	1082	0.07 ng	# 36
29) Chrysene	21.036	228	1082	0.07 ng	# 32
30) Bis(2-ethylhexyl)phtha...	20.990	149	89253	9.22 ng	# 99
33) Benzo(b)fluoranthene	22.542	252	651	0.05 ng	# 1
34) Benzo(k)fluoranthene	22.542	252	651	0.06 ng	# 1
37) Benzo(g,h,i)perylene	25.878	276	245	0.02 ng	# 1

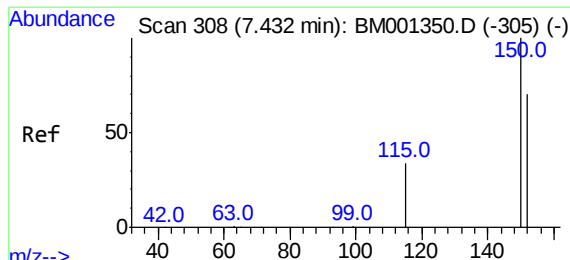
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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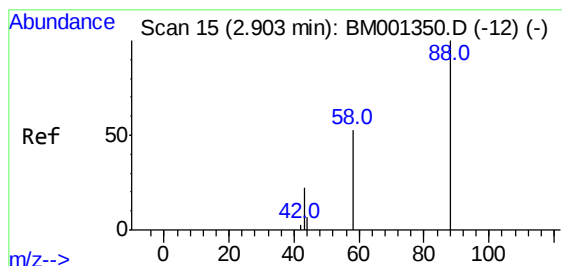
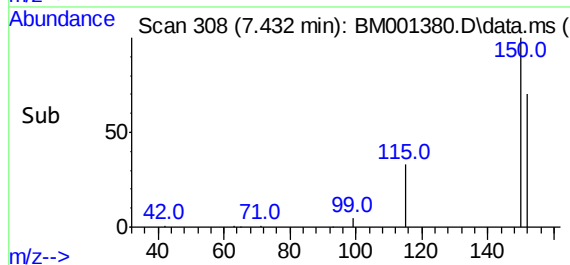
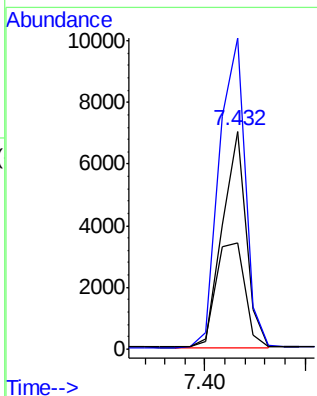
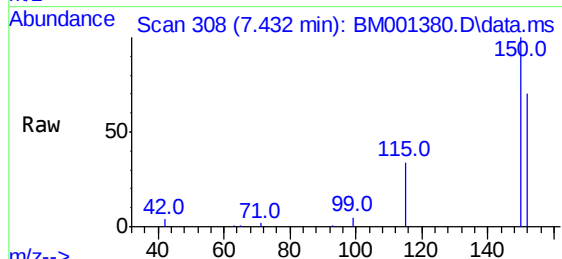




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.432 min Scan# 308
 Delta R.T. 0.000 min
 Lab File: BM001380.D
 Acq: 22 May 2015 03:40

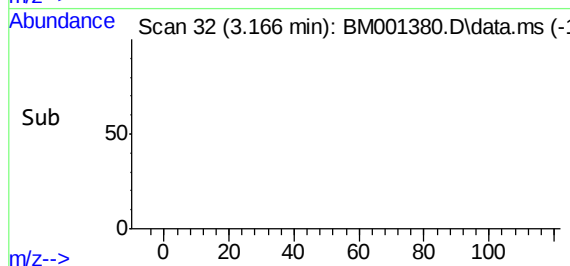
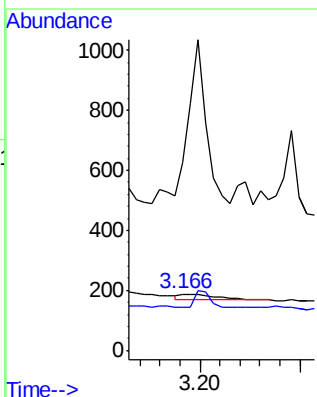
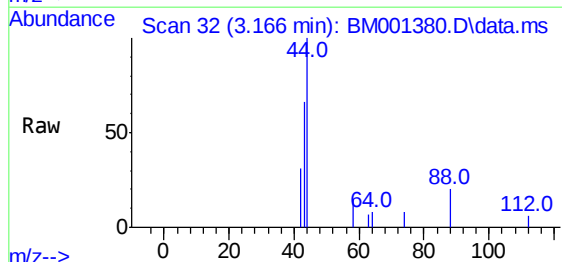
Instrument :
 BNA_M
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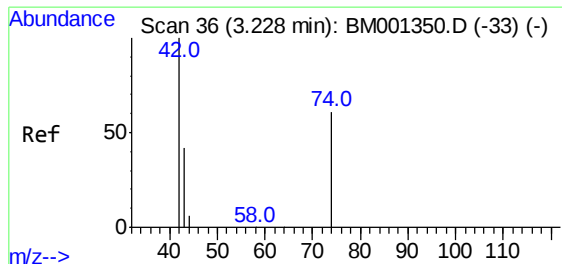
Tgt Ion:152 Resp: 11549
 Ion Ratio Lower Upper
 152 100
 150 142.6 114.1 171.1
 115 48.5 39.2 58.8



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.166 min Scan# 32
 Delta R.T. 0.263 min
 Lab File: BM001380.D
 Acq: 22 May 2015 03:40

Tgt Ion: 88 Resp: 92
 Ion Ratio Lower Upper
 88 100
 58 0.0 53.1 79.7#
 43 0.0 27.8 41.8#

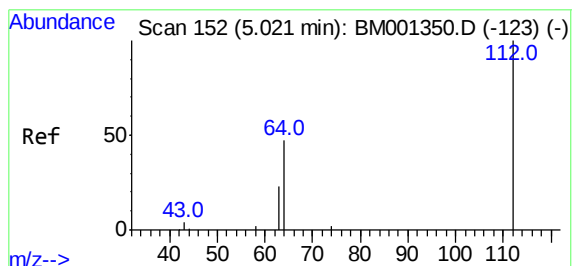
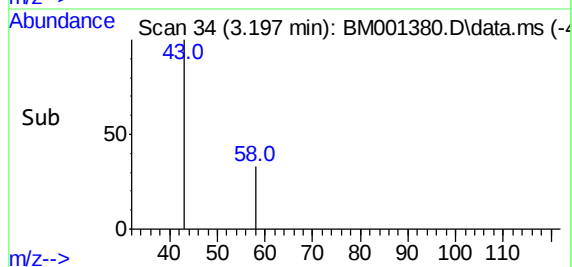
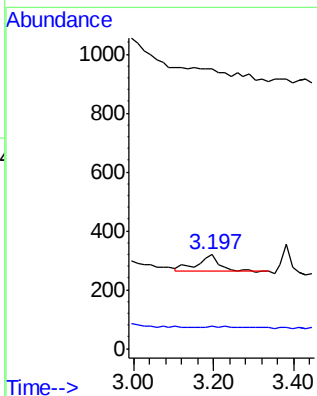
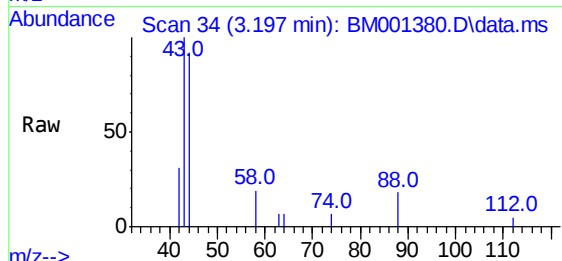




#3
n-Nitrosodimethylamine
Concen: 0.17 ng
RT: 3.197 min Scan# 34
Delta R.T. -0.031 min
Lab File: BM001380.D
Acq: 22 May 2015 03:40

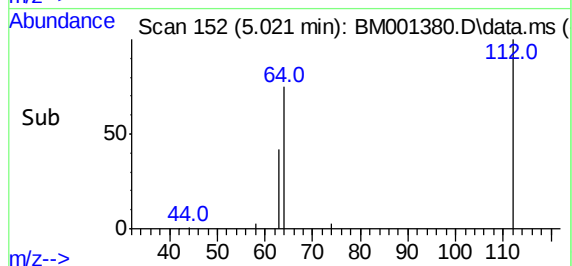
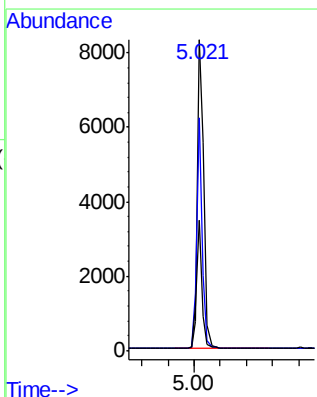
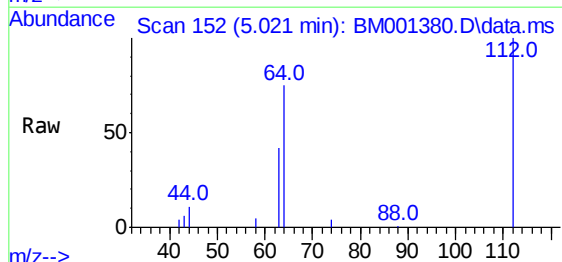
Instrument :
BNA_M
ClientSampleId :
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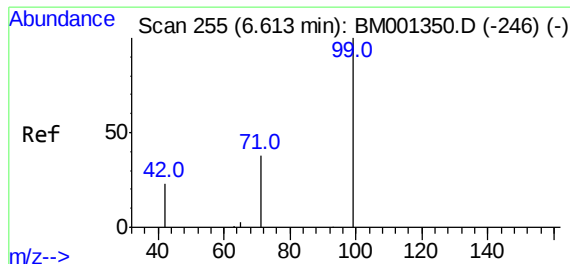
Tgt Ion: 42 Resp: 218
Ion Ratio Lower Upper
42 100
74 0.0 70.0 105.0#
44 0.0 3.6 5.4#



#4
2-Fluorophenol
Concen: 6.42 ng
RT: 5.021 min Scan# 152
Delta R.T. 0.000 min
Lab File: BM001380.D
Acq: 22 May 2015 03:40

Tgt Ion: 112 Resp: 14401
Ion Ratio Lower Upper
112 100
64 64.0 52.9 79.3
63 35.8 29.6 44.4



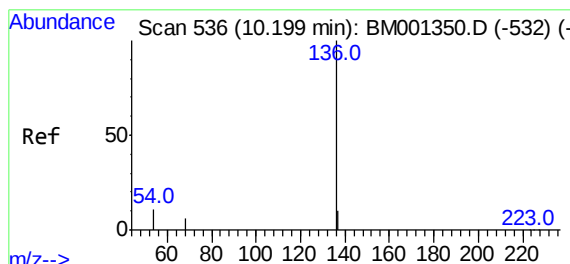
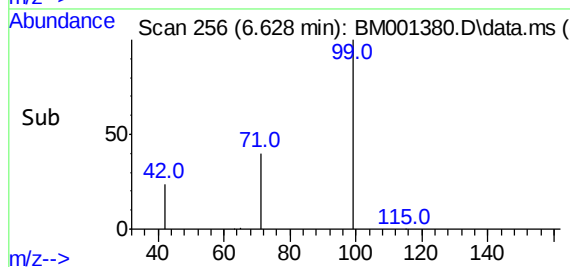
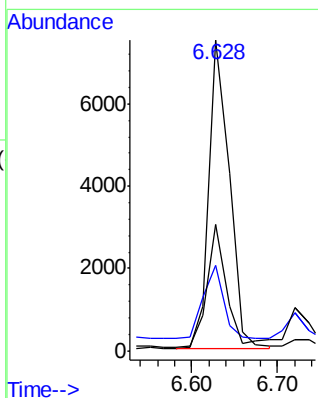
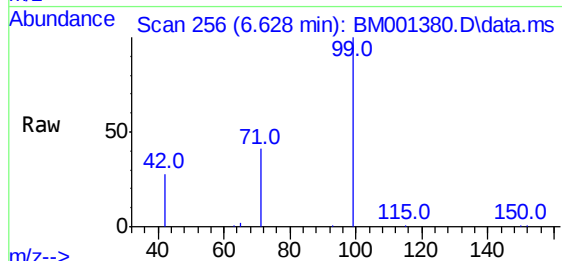


#5
Phenol-d6
Concen: 4.41 ng
RT: 6.628 min Scan# 256
Delta R.T. 0.016 min
Lab File: BM001380.D
Acq: 22 May 2015 03:40

Instrument :
BNA_M
ClientSampleId :
RAV-GT-101

Tgt Ion: 99 Resp: 12321

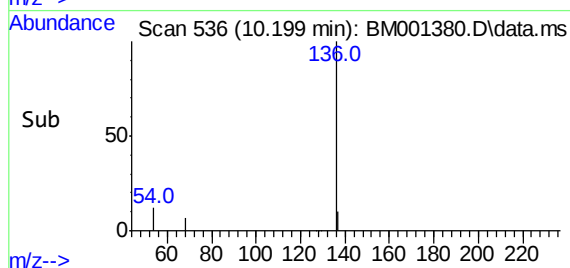
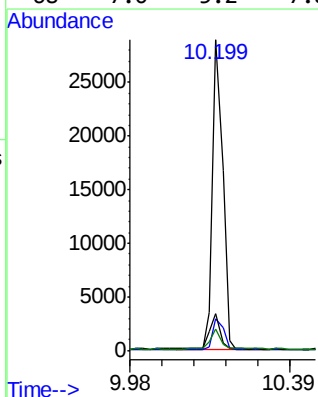
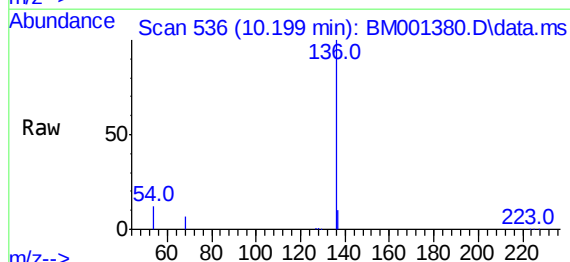
Ion	Ratio	Lower	Upper
99	100		
42	24.5	21.4	32.2
71	37.5	29.0	43.4

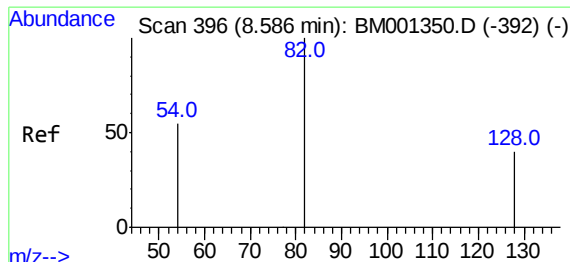


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.199 min Scan# 536
Delta R.T. 0.000 min
Lab File: BM001380.D
Acq: 22 May 2015 03:40

Tgt Ion: 136 Resp: 51763

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.2	12.4
54	12.0	9.4	14.0
68	7.0	5.2	7.8

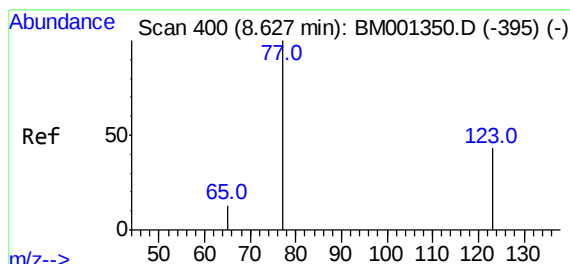
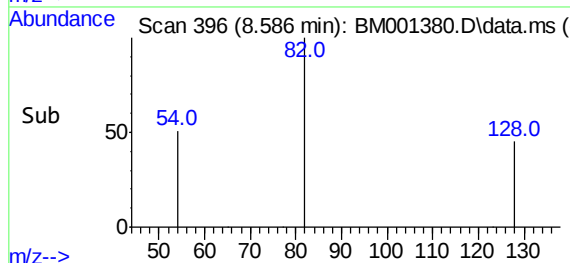
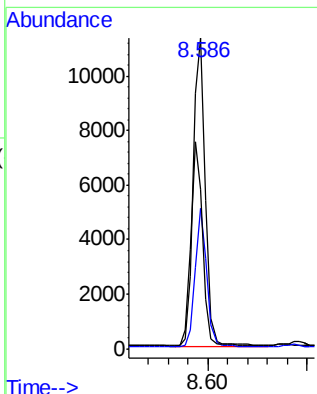
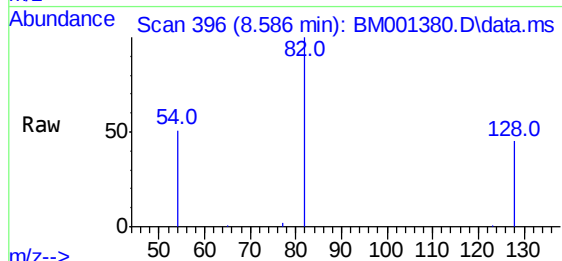




#7
Nitrobenzene-d5
Concen: 6.78 ng
RT: 8.586 min Scan# 396
Delta R.T. 0.000 min
Lab File: BM001380.D
Acq: 22 May 2015 03:40

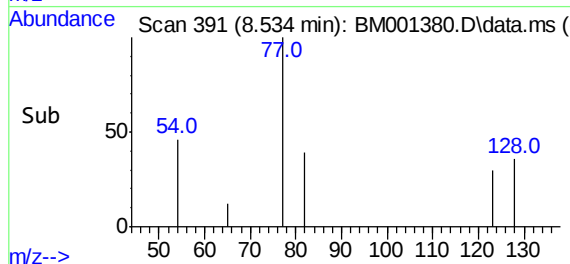
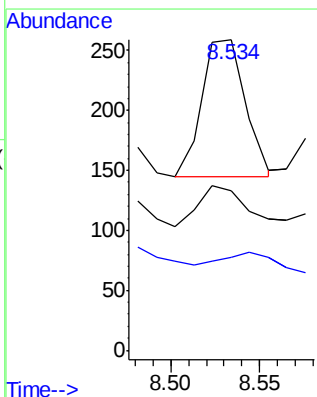
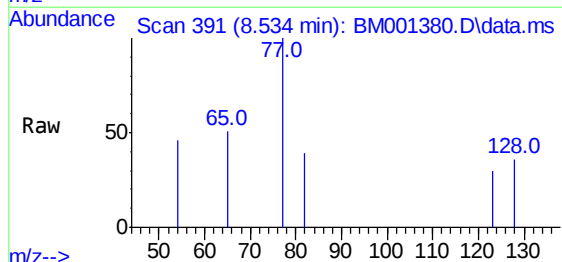
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ClientSampleId :
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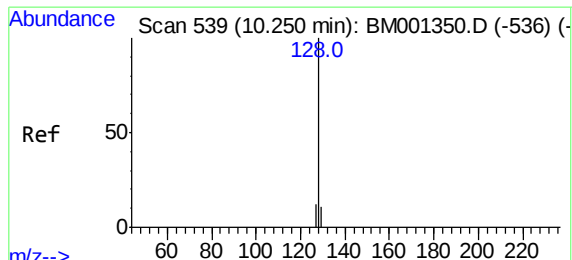
Tgt Ion: 82 Resp: 18939
Ion Ratio Lower Upper
82 100
128 45.3 33.5 50.3
54 51.2 45.1 67.7



#8
Nitrobenzene
Concen: 0.17 ng
RT: 8.534 min Scan# 391
Delta R.T. -0.093 min
Lab File: BM001380.D
Acq: 22 May 2015 03:40

Tgt Ion: 77 Resp: 193
Ion Ratio Lower Upper
77 100
123 0.0 33.6 50.4#
65 52.3 11.3 16.9#

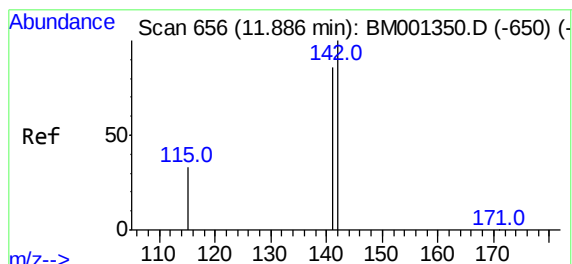
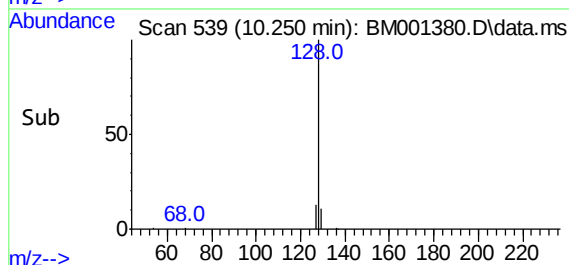
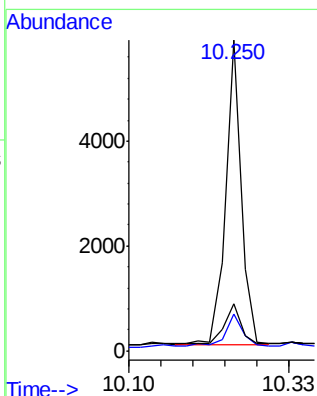
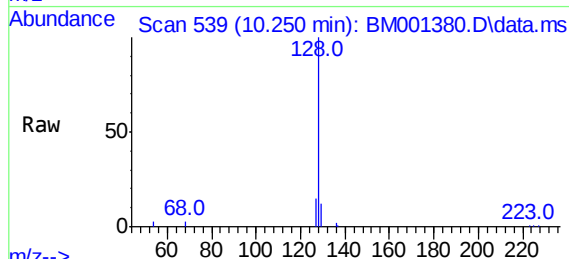




#9
Naphthalene
Concen: 0.84 ng
RT: 10.250 min Scan# 539
Delta R.T. 0.000 min
Lab File: BM001380.D
Acq: 22 May 2015 03:40

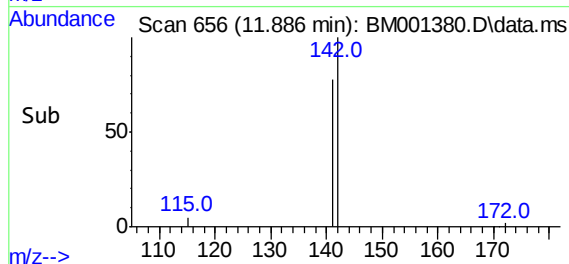
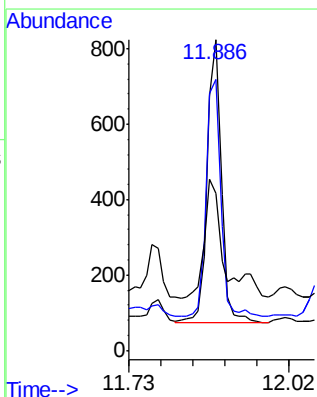
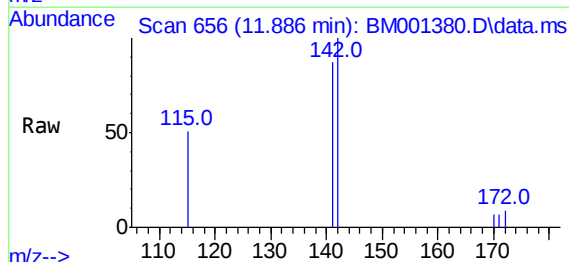
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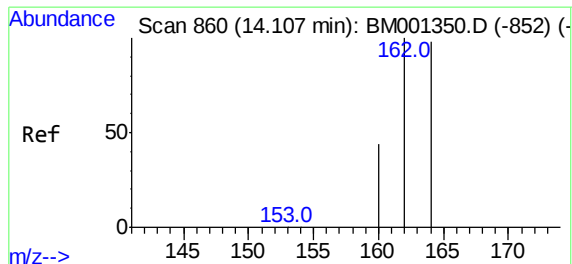
Tgt Ion:128 Resp: 9231
Ion Ratio Lower Upper
128 100
129 12.0 9.1 13.7
127 15.1 10.4 15.6



#11
2-Methylnaphthalene
Concen: 0.16 ng
RT: 11.886 min Scan# 656
Delta R.T. 0.000 min
Lab File: BM001380.D
Acq: 22 May 2015 03:40

Tgt Ion:142 Resp: 1292
Ion Ratio Lower Upper
142 100
141 87.4 69.0 103.4
115 50.6 27.1 40.7#

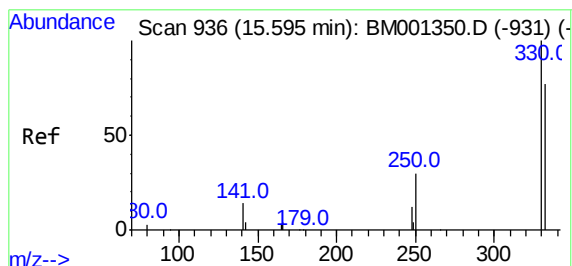
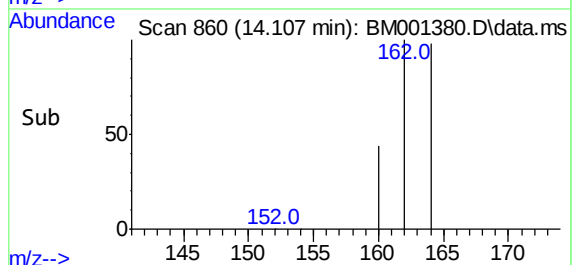
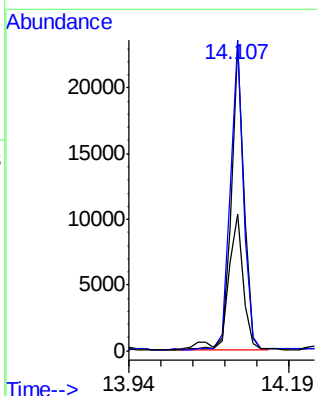
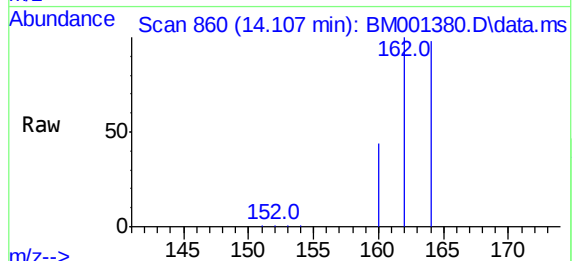




#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.107 min Scan# 860
Delta R.T. 0.000 min
Lab File: BM001380.D
Acq: 22 May 2015 03:40

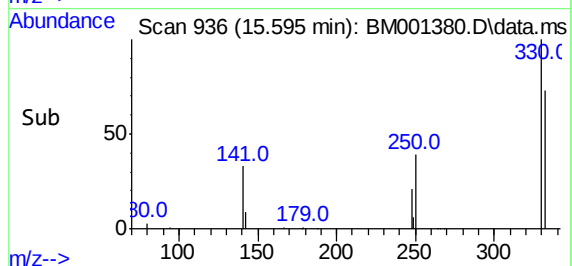
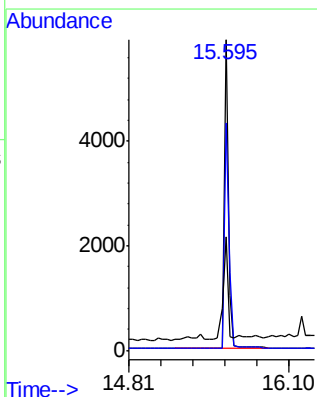
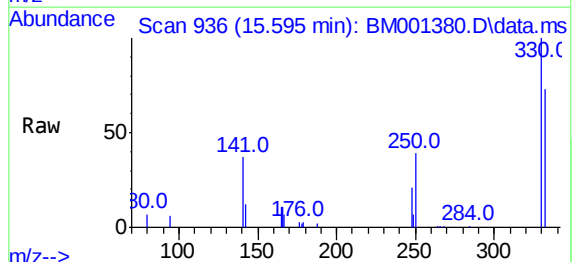
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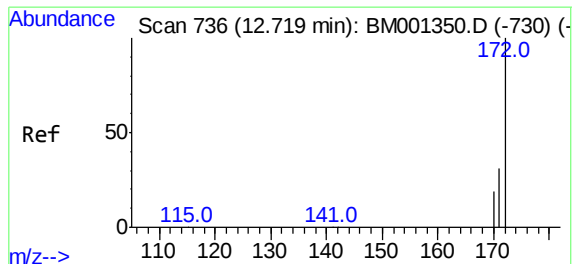
Tgt Ion:164 Resp: 31852
Ion Ratio Lower Upper
164 100
162 101.7 81.8 122.8
160 44.7 35.8 53.8



#13
2,4,6-Tribromophenol
Concen: 10.89 ng
RT: 15.595 min Scan# 936
Delta R.T. 0.001 min
Lab File: BM001380.D
Acq: 22 May 2015 03:40

Tgt Ion:330 Resp: 14429
Ion Ratio Lower Upper
330 100
332 83.9 65.4 98.2
141 37.4 20.2 30.4#

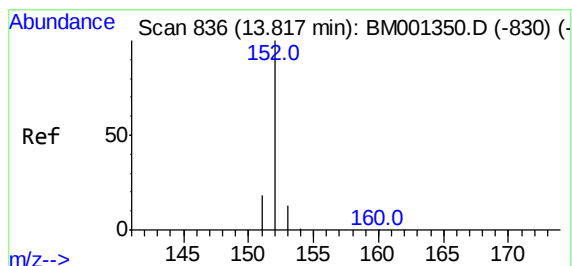
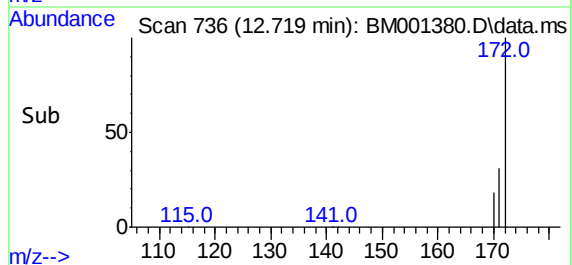
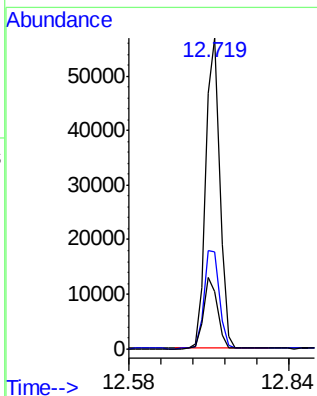
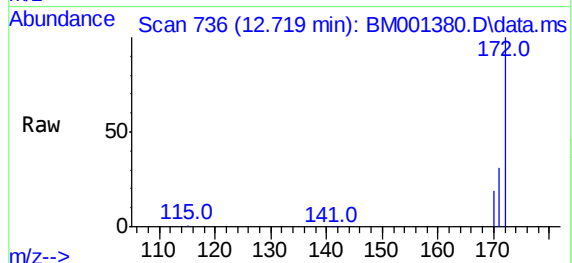




#14
2-Fluorobiphenyl
Concen: 9.02 ng
RT: 12.719 min Scan# 736
Delta R.T. 0.000 min
Lab File: BM001380.D
Acq: 22 May 2015 03:40

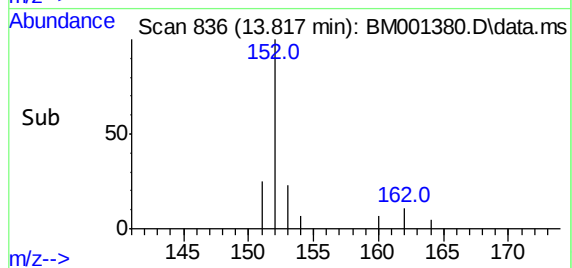
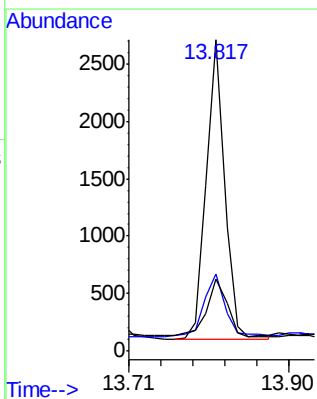
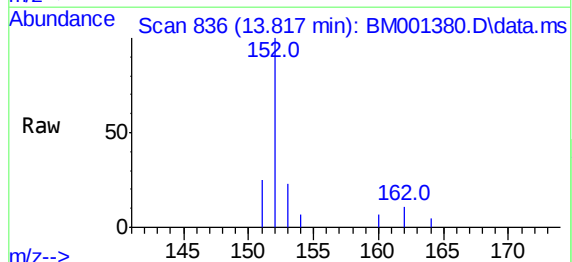
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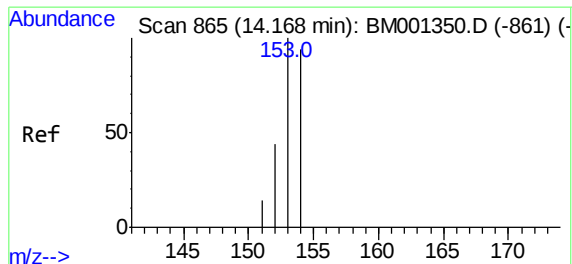
Tgt Ion:172 Resp: 85723
Ion Ratio Lower Upper
172 100
171 31.4 25.4 38.2
170 18.5 15.7 23.5



#15
Acenaphthylene
Concen: 0.28 ng
RT: 13.817 min Scan# 836
Delta R.T. 0.000 min
Lab File: BM001380.D
Acq: 22 May 2015 03:40

Tgt Ion:152 Resp: 3808
Ion Ratio Lower Upper
152 100
151 22.5 15.3 22.9
153 20.8 10.3 15.5#

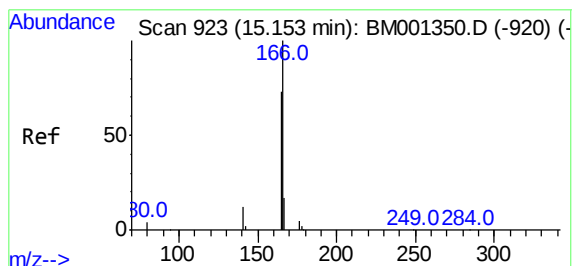
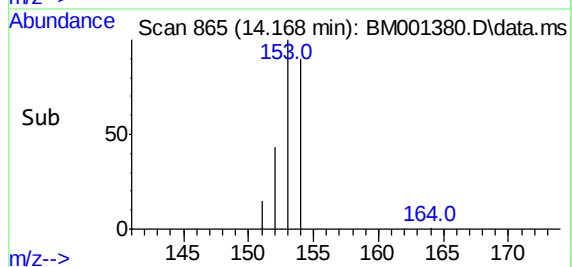
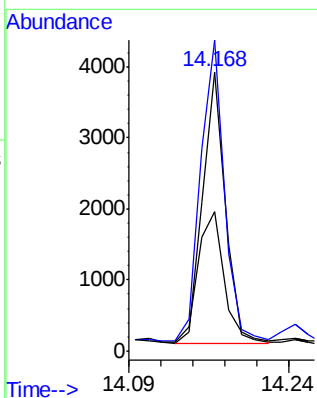
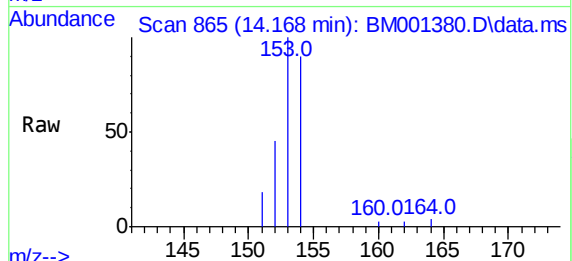




#16
Acenaphthene
Concen: 0.65 ng
RT: 14.168 min Scan# 865
Delta R.T. 0.000 min
Lab File: BM001380.D
Acq: 22 May 2015 03:40

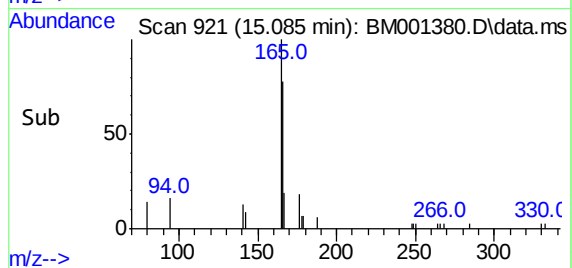
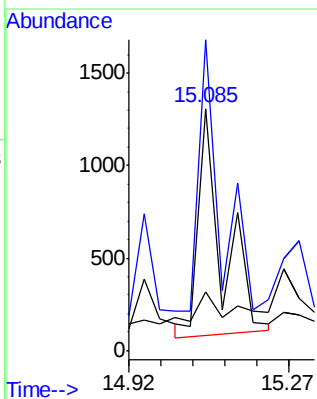
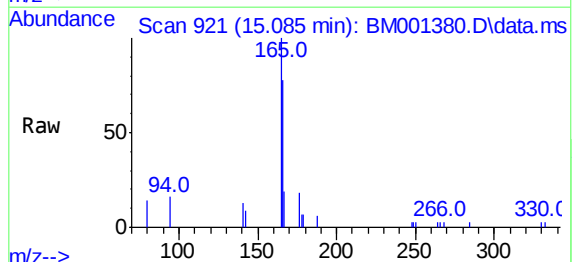
Instrument :
BNA_M
ClientSampleId :
RAV-GT-101

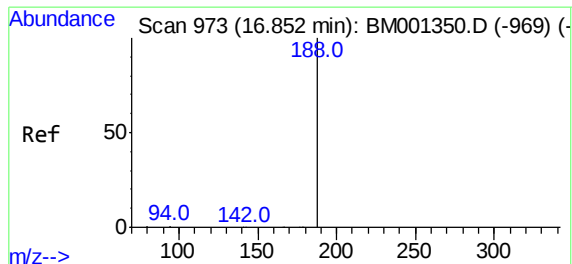
Tgt Ion:154 Resp: 5476
Ion Ratio Lower Upper
154 100
153 114.8 90.6 135.8
152 55.3 43.6 65.4



#17
Fluorene
Concen: 0.66 ng
RT: 15.085 min Scan# 921
Delta R.T. -0.068 min
Lab File: BM001380.D
Acq: 22 May 2015 03:40

Tgt Ion:166 Resp: 4411
Ion Ratio Lower Upper
166 100
165 122.2 72.5 108.7#
167 38.2 16.0 24.0#

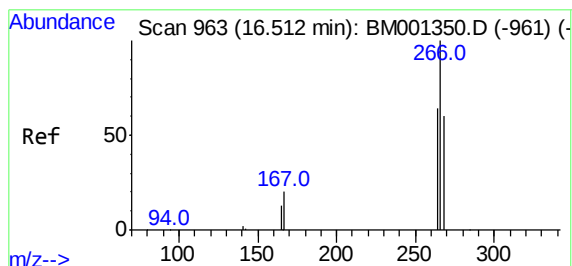
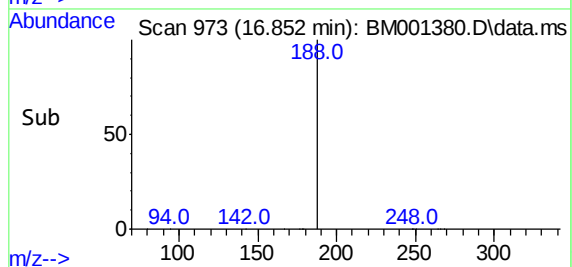
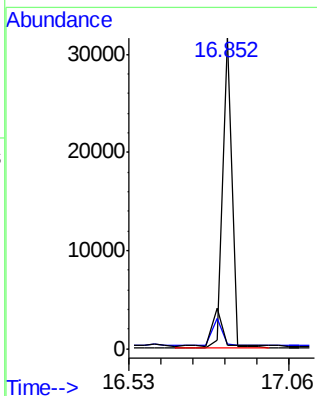
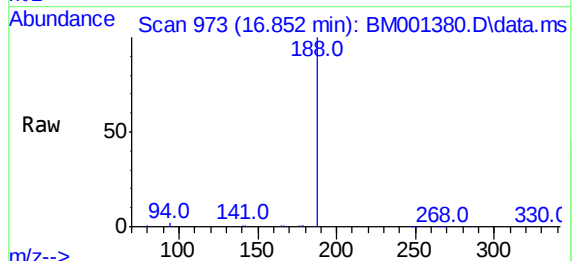




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.852 min Scan# 973
Delta R.T. 0.000 min
Lab File: BM001380.D
Acq: 22 May 2015 03:40

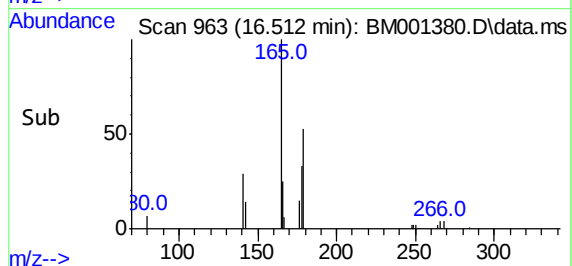
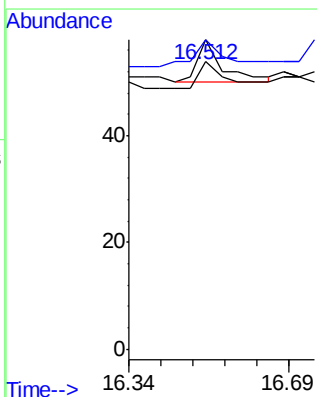
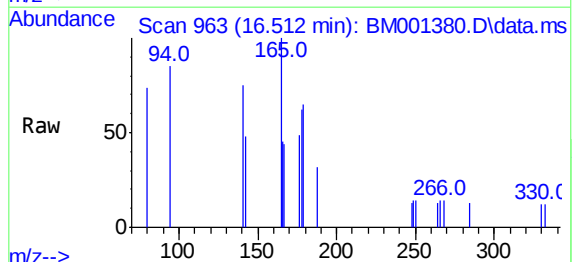
Instrument :
BNA_M
ClientSampleId :
RAV-GT-101

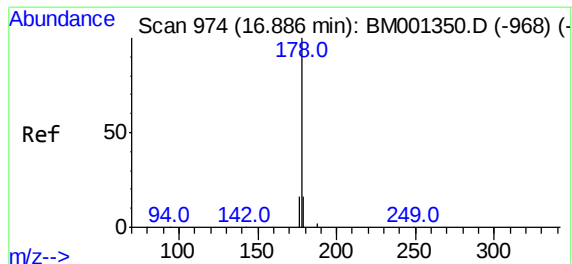
Tgt Ion:188 Resp: 66718
Ion Ratio Lower Upper
188 100
94 1.6 0.6 1.0#
80 1.2 0.6 0.8#



#21
Pentachlorophenol
Concen: 0.40 ng
RT: 16.512 min Scan# 963
Delta R.T. 0.001 min
Lab File: BM001380.D
Acq: 22 May 2015 03:40

Tgt Ion:266 Resp: 31
Ion Ratio Lower Upper
266 100
268 100.0 51.2 76.8#
264 93.1 53.7 80.5#

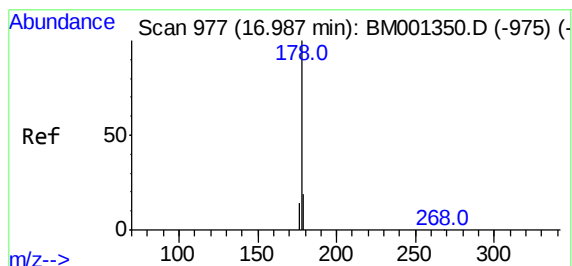
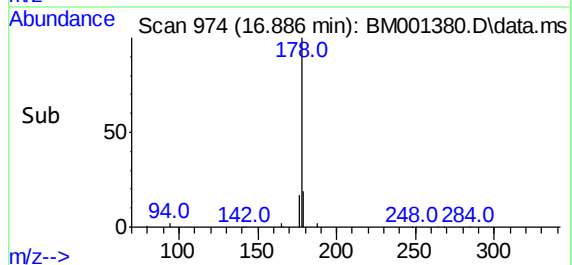
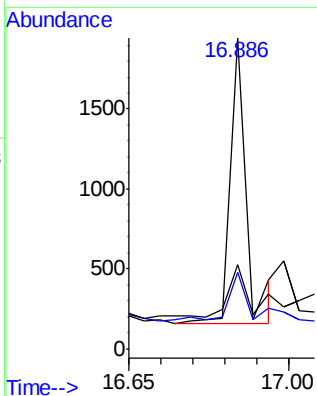
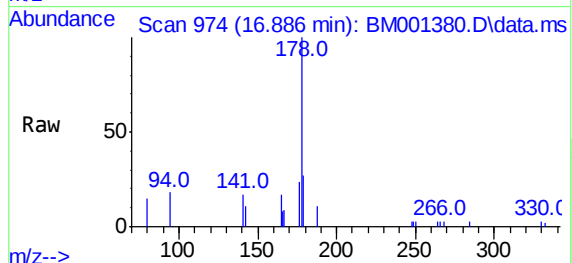




#22
Phenanthrene
Concen: 0.19 ng
RT: 16.886 min Scan# 974
Delta R.T. 0.000 min
Lab File: BM001380.D
Acq: 22 May 2015 03:40

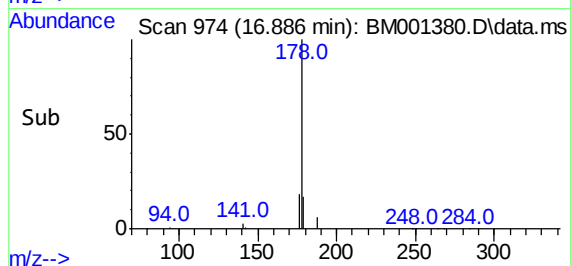
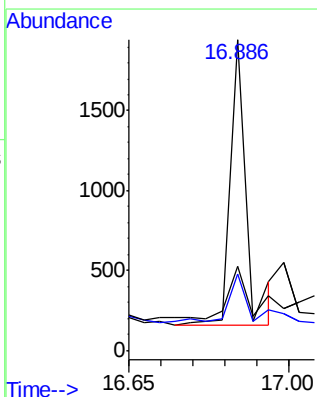
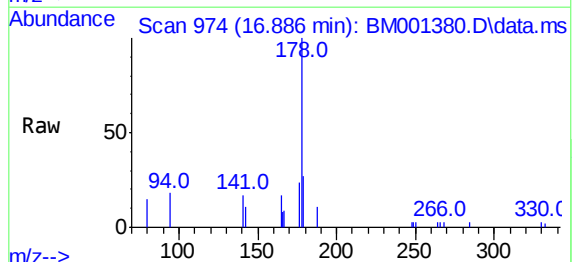
Instrument :
BNA_M
ClientSampleId :
RAV-GT-101

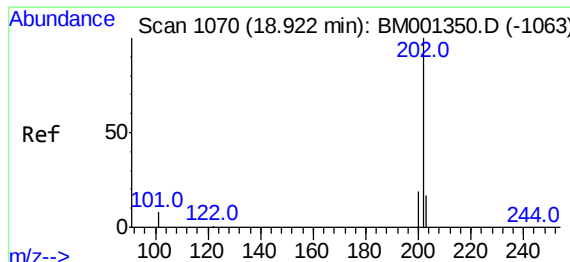
Tgt Ion:178 Resp: 4374
Ion Ratio Lower Upper
178 100
176 24.6 16.6 25.0
179 26.8 12.8 19.2#



#23
Anthracene
Concen: 0.48 ng
RT: 16.886 min Scan# 974
Delta R.T. -0.102 min
Lab File: BM001380.D
Acq: 22 May 2015 03:40

Tgt Ion:178 Resp: 4374
Ion Ratio Lower Upper
178 100
176 24.1 46.1 69.1#
179 29.1 35.4 53.0#

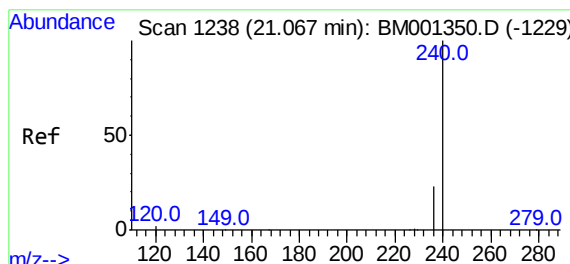
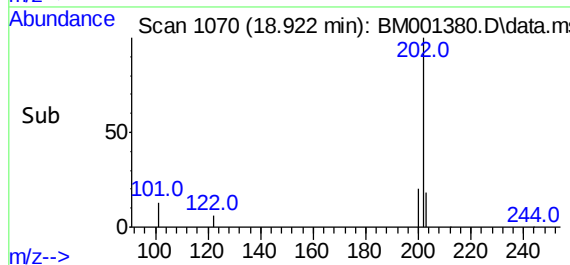
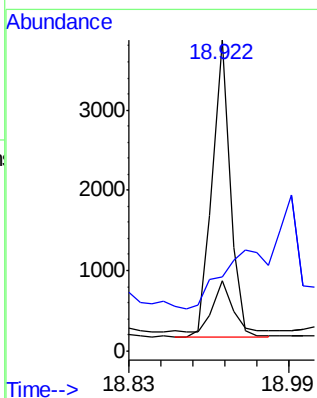
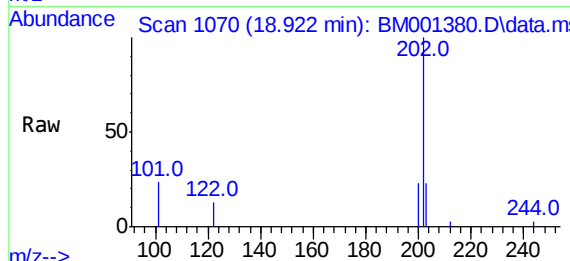




#24
Fluoranthene
Concen: 0.23 ng
RT: 18.922 min Scan# 1070
Delta R.T. 0.000 min
Lab File: BM001380.D
Acq: 22 May 2015 03:40

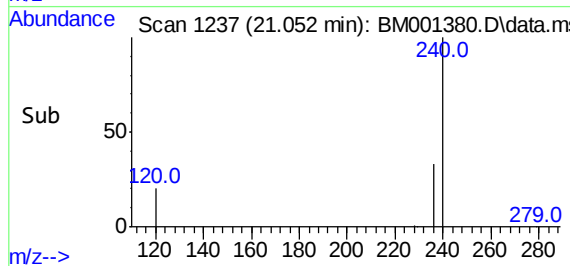
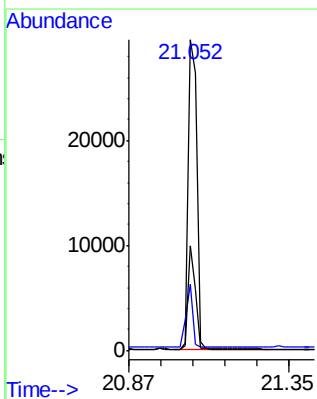
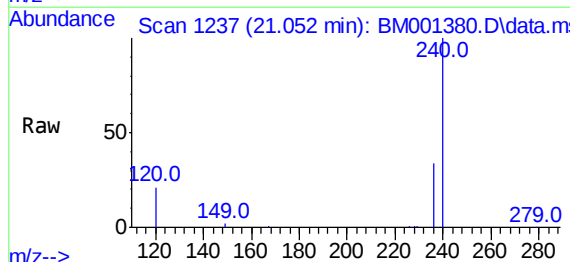
Instrument :
BNA_M
ClientSampleId :
RAV-GT-101

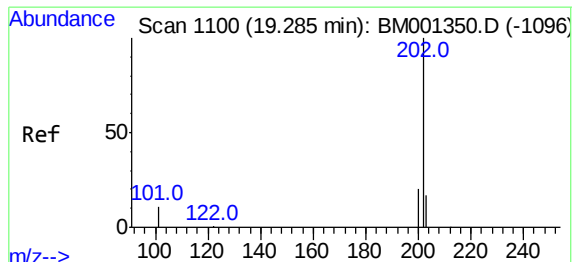
Tgt Ion:202 Resp: 4681
Ion Ratio Lower Upper
202 100
101 0.0 8.7 13.1#
203 18.9 13.8 20.6



#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.052 min Scan# 1237
Delta R.T. -0.015 min
Lab File: BM001380.D
Acq: 22 May 2015 03:40

Tgt Ion:240 Resp: 53457
Ion Ratio Lower Upper
240 100
120 21.4 1.6 2.4#
236 33.8 18.5 27.7#

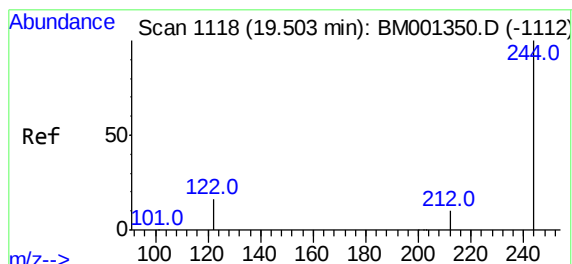
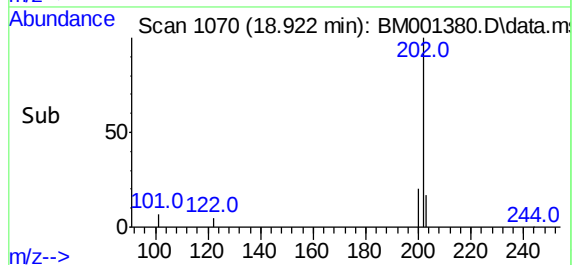
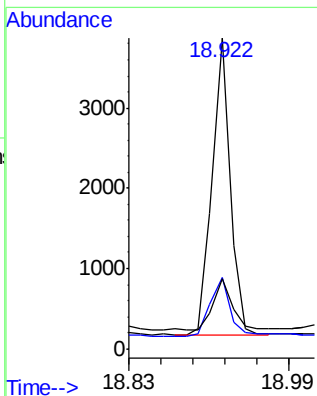
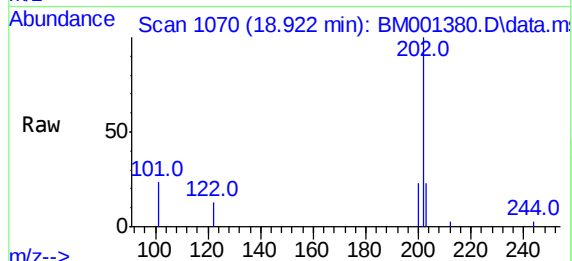




#26
Pyrene
Concen: 0.29 ng
RT: 18.922 min Scan# 1070
Delta R.T. -0.363 min
Lab File: BM001380.D
Acq: 22 May 2015 03:40

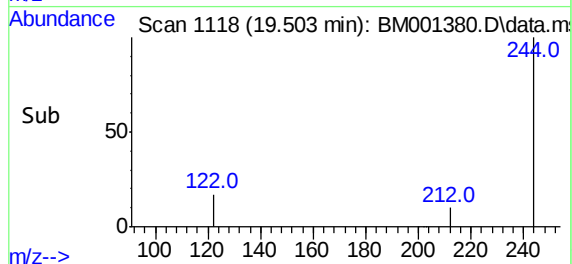
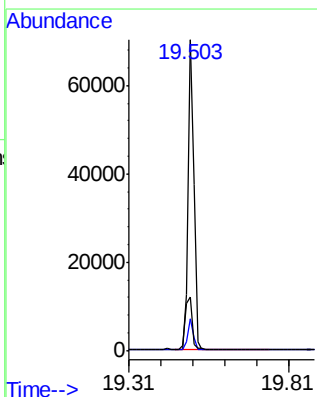
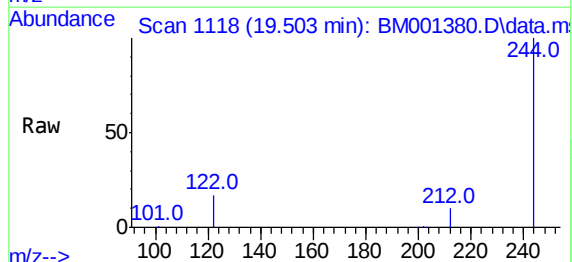
Instrument :
BNA_M
ClientSampleId :
RAV-GT-101

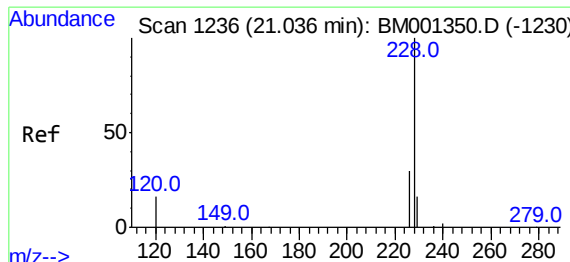
Tgt Ion:	202	Resp:	4681
Ion	Ratio	Lower	Upper
202	100		
200	23.0	16.2	24.4
203	19.2	13.9	20.9



#27
Terphenyl-d14
Concen: 12.74 ng
RT: 19.503 min Scan# 1118
Delta R.T. 0.000 min
Lab File: BM001380.D
Acq: 22 May 2015 03:40

Tgt Ion:	244	Resp:	89562
Ion	Ratio	Lower	Upper
244	100		
212	10.3	8.5	12.7
122	17.2	13.4	20.2





#28

Benzo(a)anthracene

Concen: 0.07 ng

RT: 21.036 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BM001380.D

Acq: 22 May 2015 03:40

Instrument :

BNA_M

ClientSampleId :

RAV-GT-101

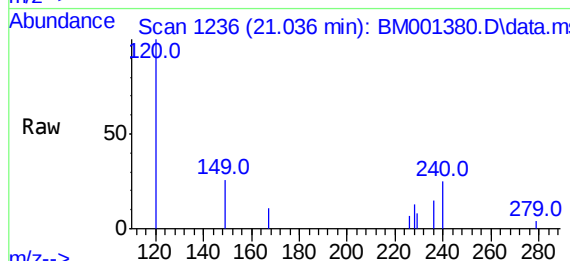
Tgt Ion:228 Resp: 1082

Ion Ratio Lower Upper

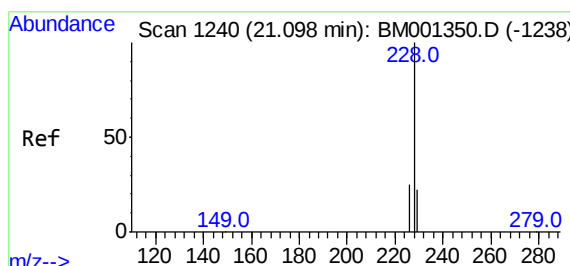
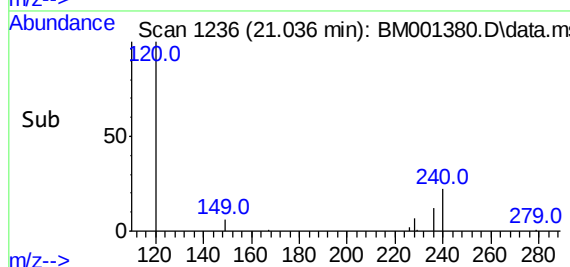
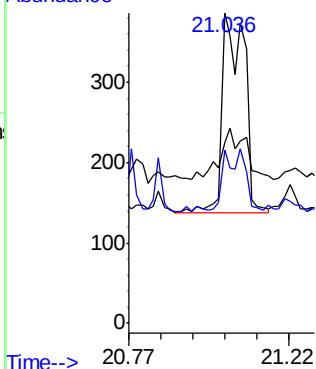
228 100

226 55.7 24.5 36.7#

229 58.3 13.3 19.9#



Abundance



#29

Chrysene

Concen: 0.07 ng

RT: 21.036 min Scan# 1236

Delta R.T. -0.062 min

Lab File: BM001380.D

Acq: 22 May 2015 03:40

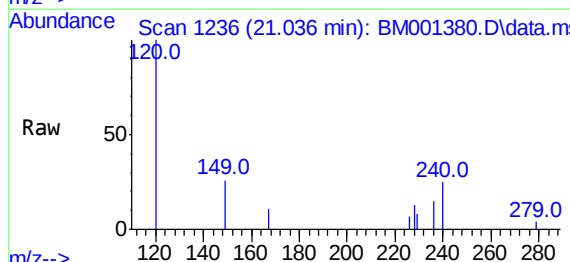
Tgt Ion:228 Resp: 1082

Ion Ratio Lower Upper

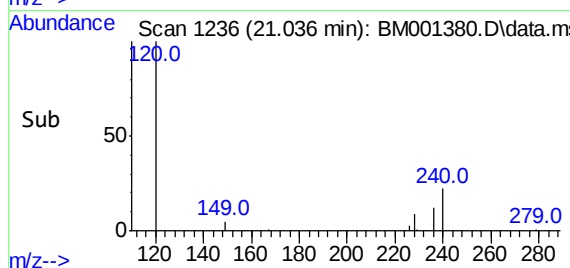
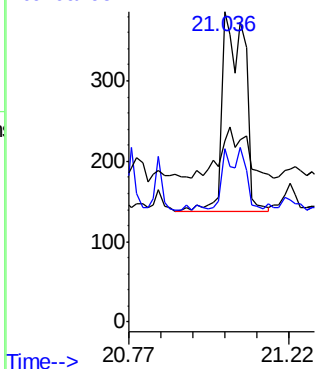
228 100

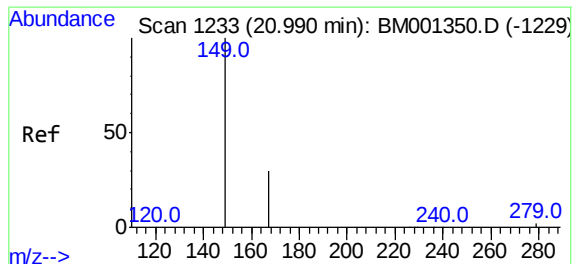
226 55.7 20.0 30.0#

229 58.3 17.6 26.4#



Abundance

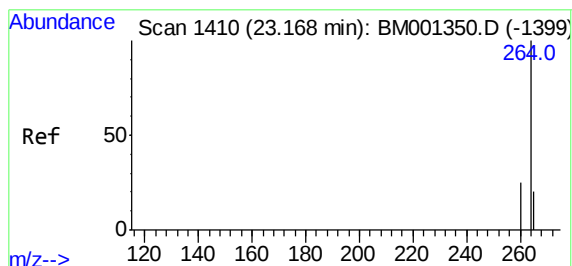
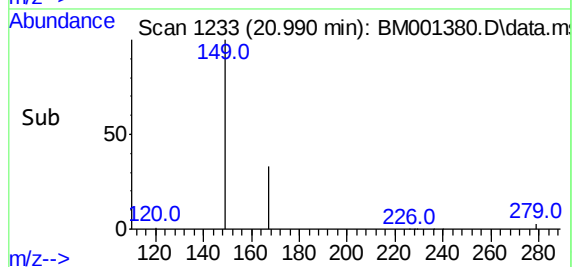
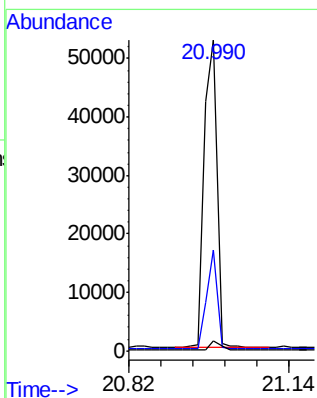
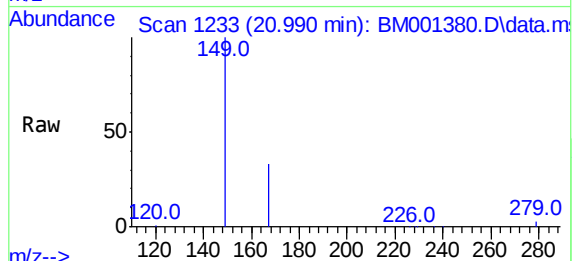




#30
Bis(2-ethylhexyl)phthalate
Concen: 9.22 ng
RT: 20.990 min Scan# 1233
Delta R.T. 0.001 min
Lab File: BM001380.D
Acq: 22 May 2015 03:40

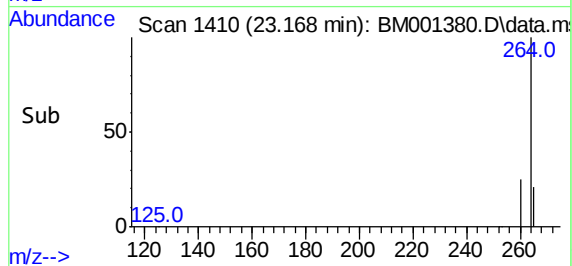
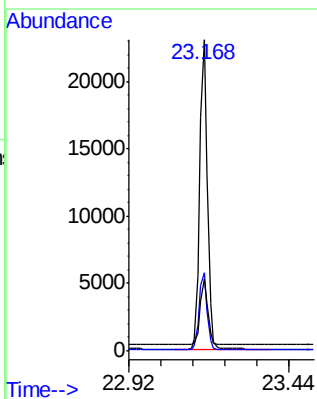
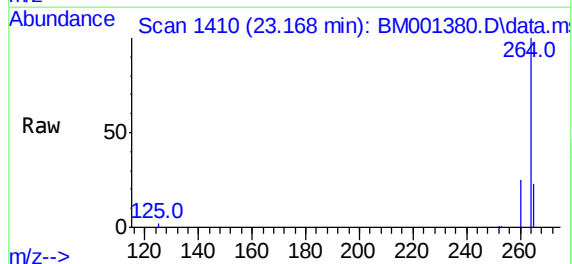
Instrument :
BNA_M
ClientSampleId :
RAV-GT-101

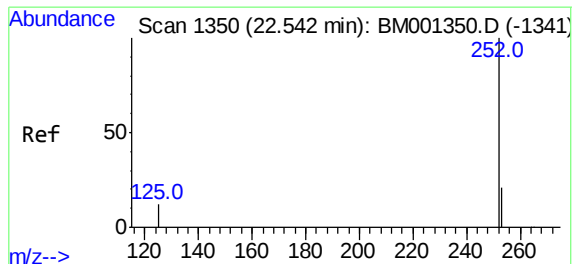
Tgt Ion:149 Resp: 89253
Ion Ratio Lower Upper
149 100
167 26.6 21.6 32.4
279 2.6 1.9 2.9



#32
Perylene-d12
Concen: 5.00 ng
RT: 23.168 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BM001380.D
Acq: 22 May 2015 03:40

Tgt Ion:264 Resp: 40003
Ion Ratio Lower Upper
264 100
260 25.2 20.4 30.6
265 22.8 16.6 24.8

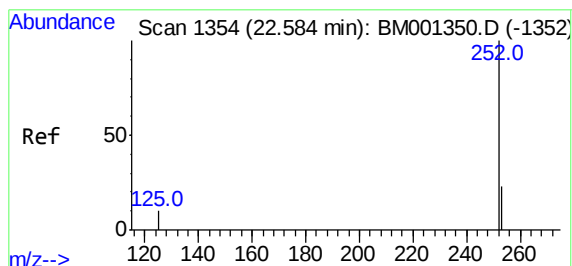
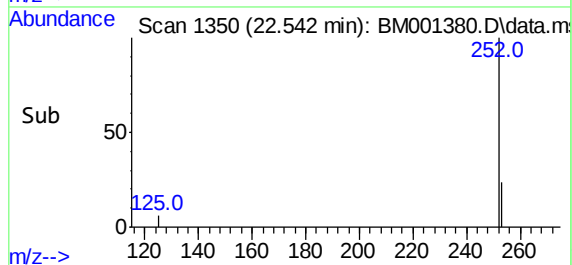
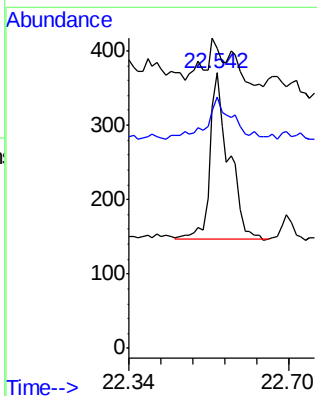
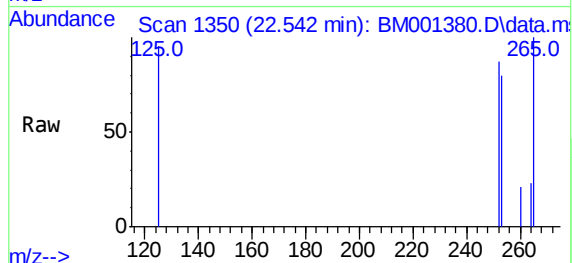




#33
Benzo(b)fluoranthene
Concen: 0.05 ng
RT: 22.542 min Scan# 1350
Delta R.T. 0.000 min
Lab File: BM001380.D
Acq: 22 May 2015 03:40

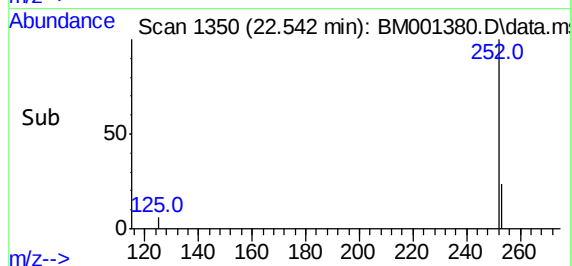
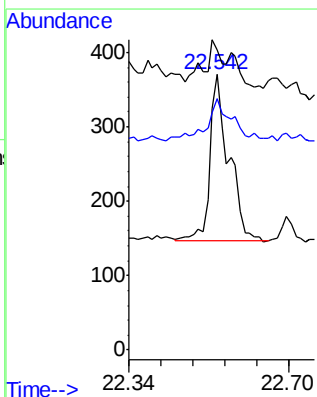
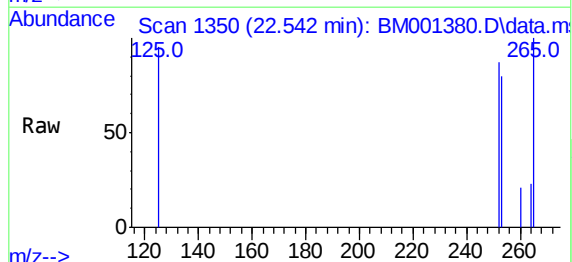
Instrument :
BNA_M
ClientSampleId :
RAV-GT-101

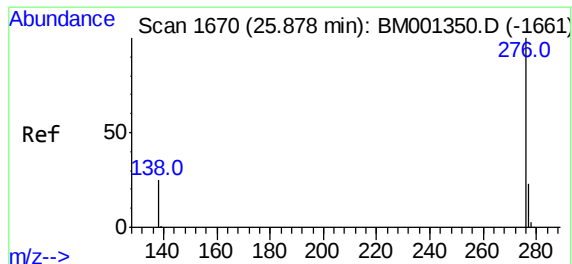
Tgt Ion:252 Resp: 651
Ion Ratio Lower Upper
252 100
253 91.4 17.9 26.9#
125 109.2 9.8 14.8#



#34
Benzo(k)fluoranthene
Concen: 0.06 ng
RT: 22.542 min Scan# 1350
Delta R.T. -0.042 min
Lab File: BM001380.D
Acq: 22 May 2015 03:40

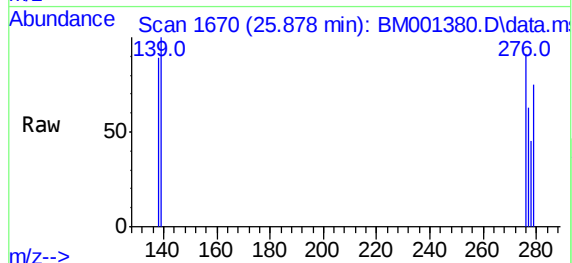
Tgt Ion:252 Resp: 651
Ion Ratio Lower Upper
252 100
253 91.4 18.6 28.0#
125 109.2 9.3 13.9#





#37
Benzo(g,h,i)perylene
Concen: 0.02 ng
RT: 25.878 min Scan# 1670
Delta R.T. 0.000 min
Lab File: BM001380.D
Acq: 22 May 2015 03:40

Instrument :
BNA_M
ClientSampleId :
RAV-GT-101



Tgt Ion:276 Resp: 245
Ion Ratio Lower Upper
276 100
277 69.6 19.2 28.8#
138 97.8 20.2 30.4#

