

Data Path : Z:\HPCHEM1\BNA_M\Data\BM052015\
 Data File : BM001379.D
 Acq On : 22 May 2015 03:05
 Operator : TP/IZ
 Sample : G2313-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RAV-GT-201

Quant Time: May 22 05:34:47 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

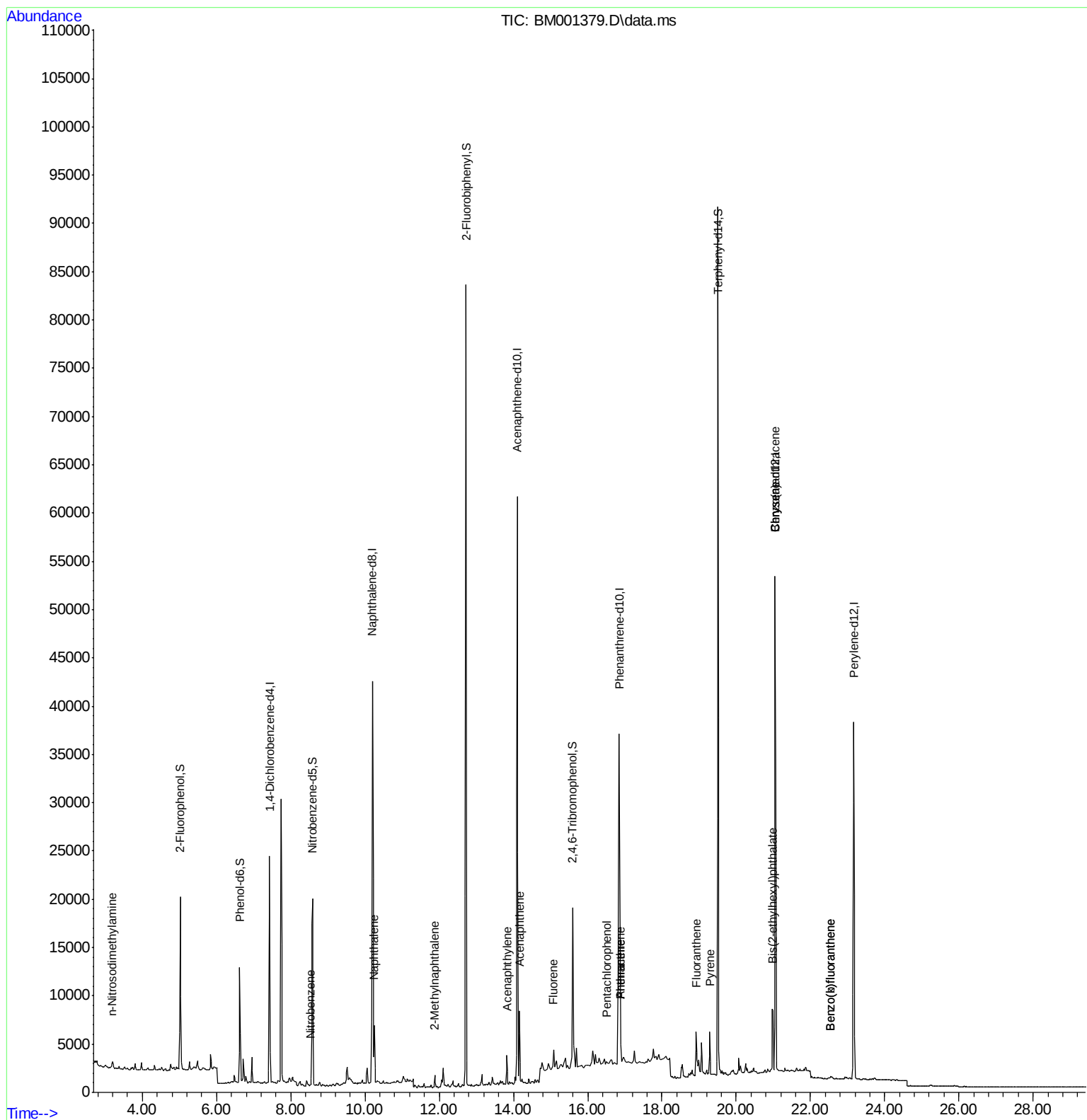
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.432	152	12773	5.00 ng	0.00
6) Naphthalene-d8	10.199	136	56714	5.00 ng	0.00
12) Acenaphthene-d10	14.107	164	34617	5.00 ng	0.00
18) Phenanthrene-d10	16.852	188	71709	5.00 ng	# 0.00
25) Chrysene-d12	21.051	240	57407	5.00 ng	#-0.02
32) Perylene-d12	23.168	264	42812	5.00 ng	0.00
System Monitoring Compounds					
4) 2-Fluorophenol	5.021	112	13637	5.50 ng	0.00
5) Phenol-d6	6.628	99	11892	3.85 ng	0.02
7) Nitrobenzene-d5	8.586	82	16330	5.34 ng	0.00
13) 2,4,6-Tribromophenol	15.595	330	13425	9.34 ng	0.00
14) 2-Fluorobiphenyl	12.719	172	82745	8.01 ng	0.00
27) Terphenyl-d14	19.503	244	87705	11.61 ng	0.00
Target Compounds					
2) 1,4-Dioxane	2.919	88	45	Below Cal	# 74
3) n-Nitrosodimethylamine	3.197	42	297	0.21 ng	# 10
8) Nitrobenzene	8.534	77	217	0.17 ng	# 44
9) Naphthalene	10.250	128	7679	0.63 ng	# 95
11) 2-Methylnaphthalene	11.886	142	1044	0.12 ng	# 89
15) Acenaphthylene	13.817	152	2883	0.20 ng	# 86
16) Acenaphthene	14.168	154	4068	0.44 ng	# 98
17) Fluorene	15.085	166	3379	0.46 ng	# 66
21) Pentachlorophenol	16.512	266	16	0.40 ng	# 62
22) Phenanthrene	16.886	178	3493	0.14 ng	# 79
23) Anthracene	16.886	178	3493	0.36 ng	# 67
24) Fluoranthene	18.922	202	3576	0.17 ng	# 83
26) Pyrene	19.285	202	3916	0.22 ng	# 94
28) Benzo(a)anthracene	21.051	228	952	0.06 ng	# 35
29) Chrysene	21.051	228	952	0.06 ng	# 28
30) Bis(2-ethylhexyl)phtha...	20.974	149	9961	1.13 ng	# 95
33) Benzo(b)fluoranthene	22.542	252	602	0.05 ng	# 1
34) Benzo(k)fluoranthene	22.542	252	602	0.05 ng	# 1

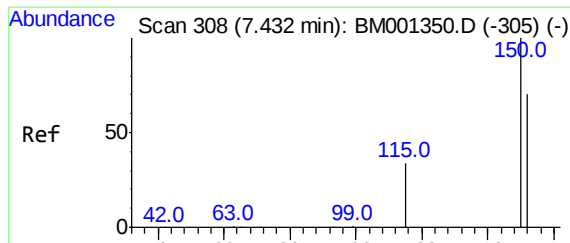
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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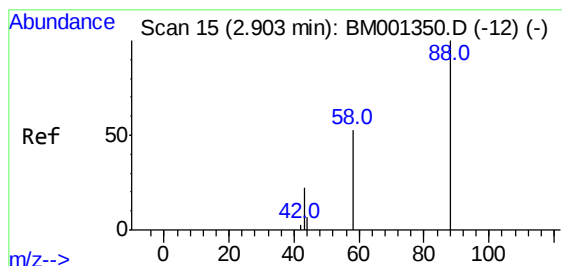
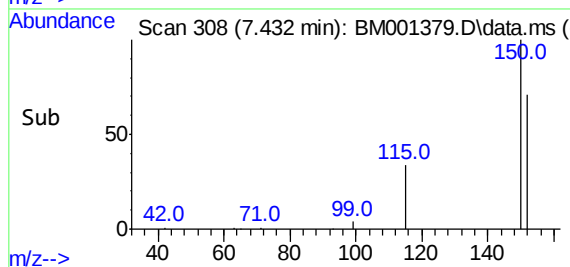
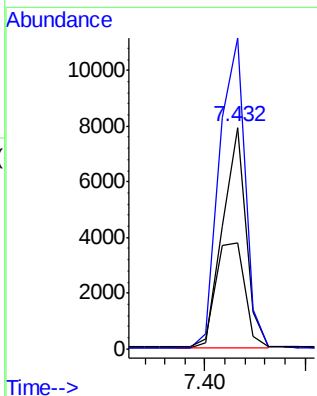
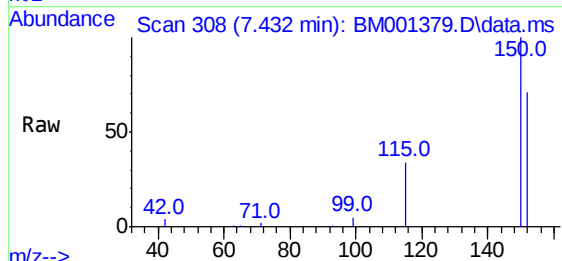




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.432 min Scan# 308
Delta R.T. -0.000 min
Lab File: BM001379.D
Acq: 22 May 2015 03:05

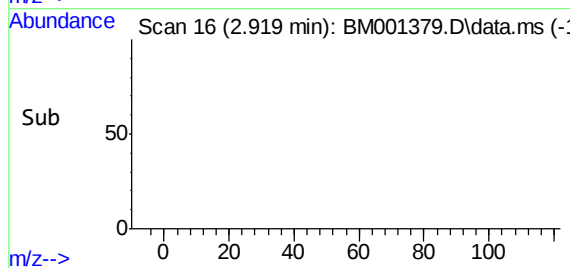
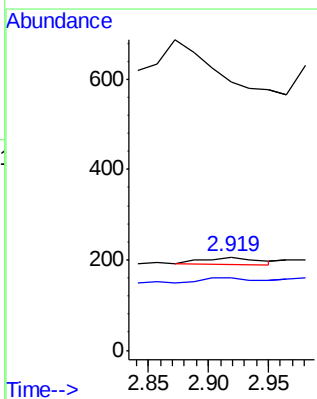
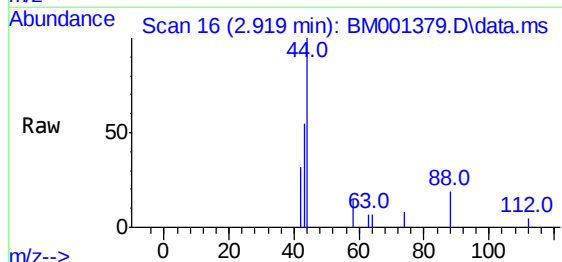
Instrument :
BNA_M
ClientSampleId :
RAV-GT-201

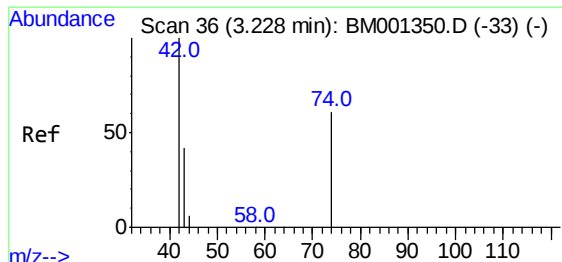
Tgt Ion:152 Resp: 12773
Ion Ratio Lower Upper
152 100
150 140.1 114.1 171.1
115 47.8 39.2 58.8



#2
1,4-Dioxane
Concen: Below Cal
RT: 2.919 min Scan# 16
Delta R.T. 0.016 min
Lab File: BM001379.D
Acq: 22 May 2015 03:05

Tgt Ion: 88 Resp: 45
Ion Ratio Lower Upper
88 100
58 73.3 53.1 79.7
43 0.0 27.8 41.8#

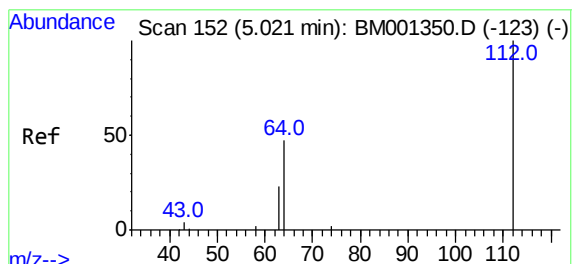
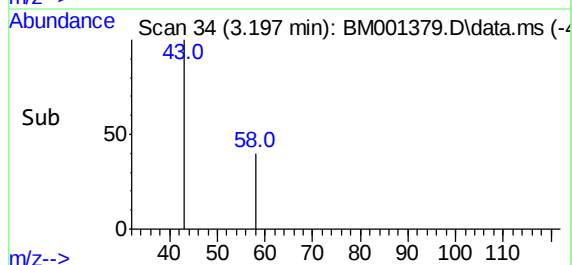
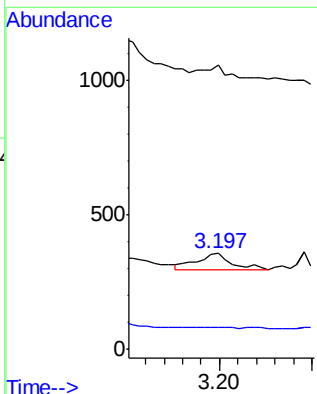
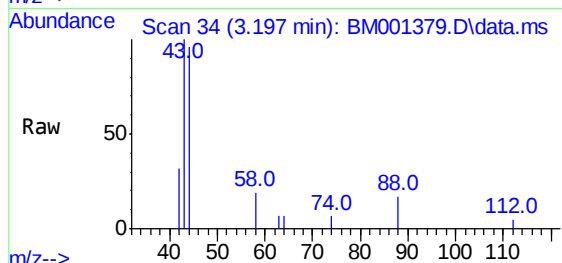




#3
n-Nitrosodimethylamine
Concen: 0.21 ng
RT: 3.197 min Scan# 34
Delta R.T. -0.031 min
Lab File: BM001379.D
Acq: 22 May 2015 03:05

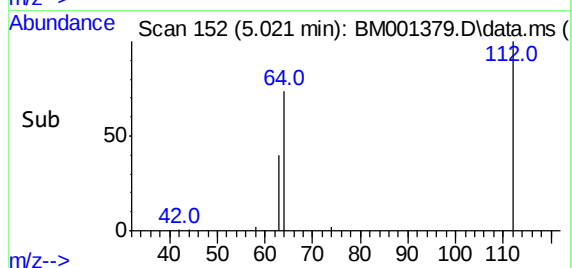
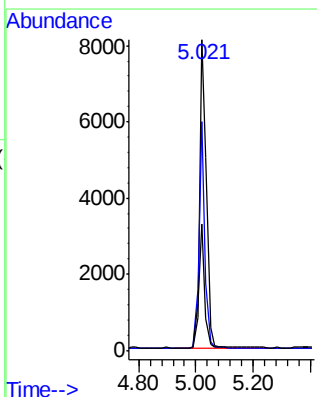
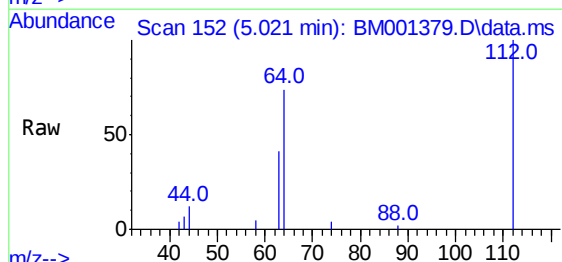
Instrument :
BNA_M
ClientSampleId :
RAV-GT-201

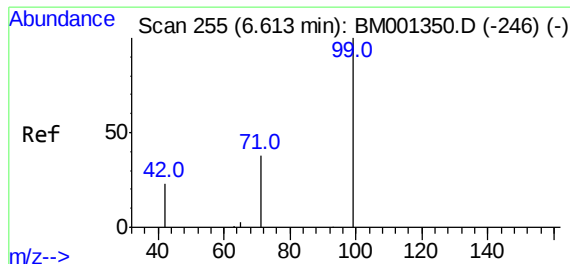
Tgt Ion: 42 Resp: 297
Ion Ratio Lower Upper
42 100
74 0.0 70.0 105.0#
44 0.0 3.6 5.4#



#4
2-Fluorophenol
Concen: 5.50 ng
RT: 5.021 min Scan# 152
Delta R.T. 0.000 min
Lab File: BM001379.D
Acq: 22 May 2015 03:05

Tgt Ion: 112 Resp: 13637
Ion Ratio Lower Upper
112 100
64 64.4 52.9 79.3
63 36.1 29.6 44.4



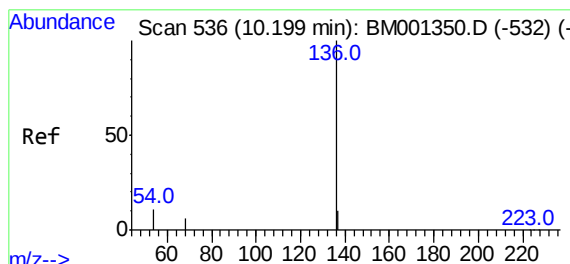
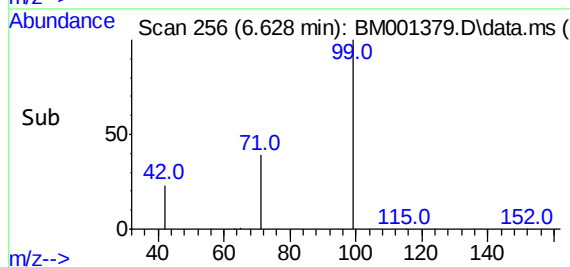
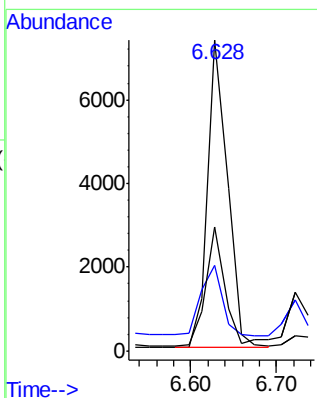
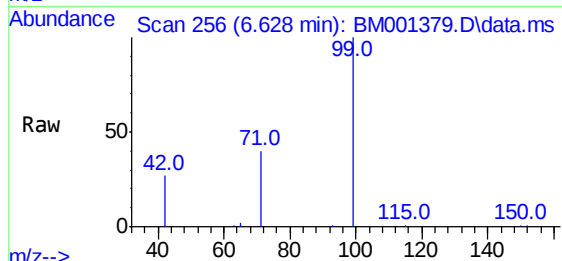


#5
Phenol-d6
Concen: 3.85 ng
RT: 6.628 min Scan# 256
Delta R.T. 0.015 min
Lab File: BM001379.D
Acq: 22 May 2015 03:05

Instrument :
BNA_M
ClientSampleId :
RAV-GT-201

Tgt Ion: 99 Resp: 11892

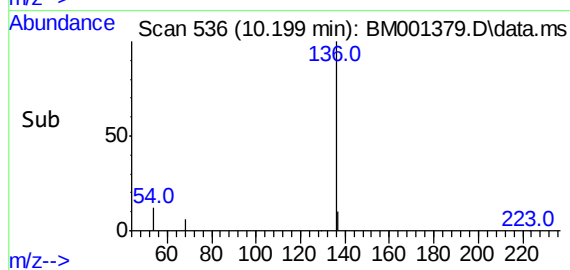
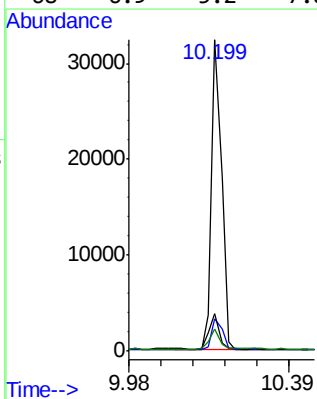
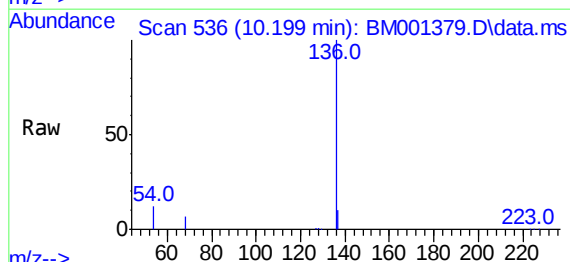
Ion	Ratio	Lower	Upper
99	100		
42	25.5	21.4	32.2
71	37.5	29.0	43.4

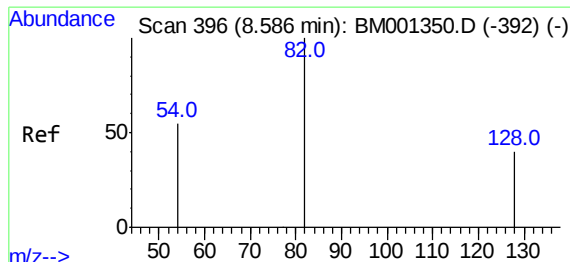


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.199 min Scan# 536
Delta R.T. 0.000 min
Lab File: BM001379.D
Acq: 22 May 2015 03:05

Tgt Ion: 136 Resp: 56714

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.2	12.4
54	11.9	9.4	14.0
68	6.9	5.2	7.8

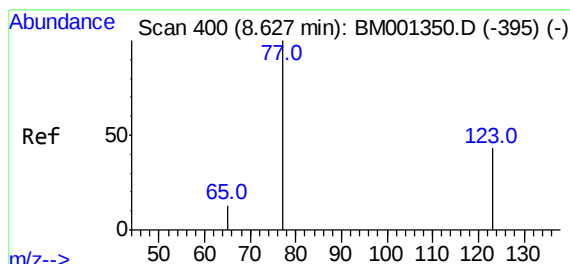
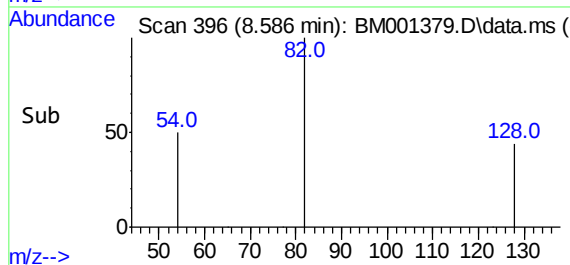
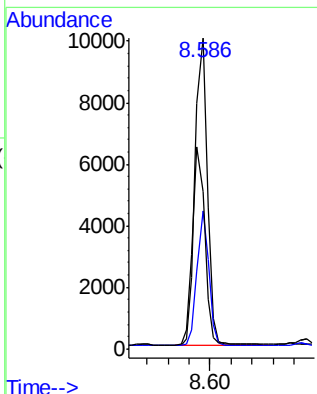
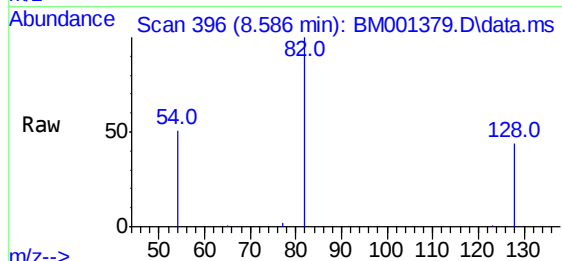




#7
Nitrobenzene-d5
Concen: 5.34 ng
RT: 8.586 min Scan# 396
Delta R.T. 0.000 min
Lab File: BM001379.D
Acq: 22 May 2015 03:05

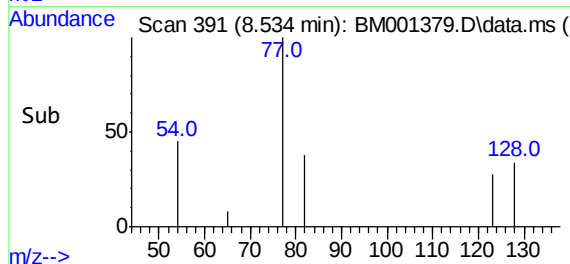
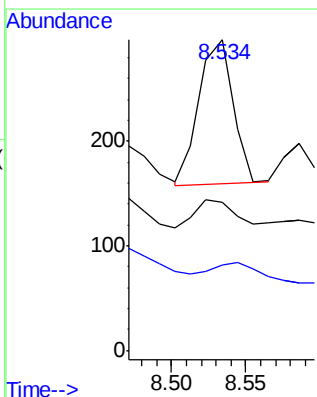
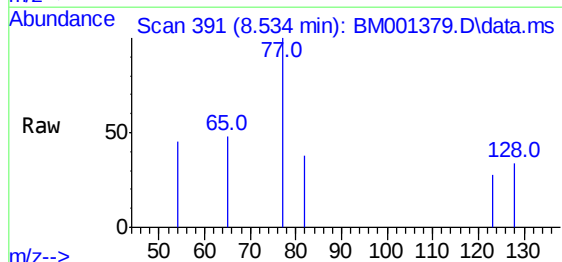
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ClientSampleId :
RAV-GT-201

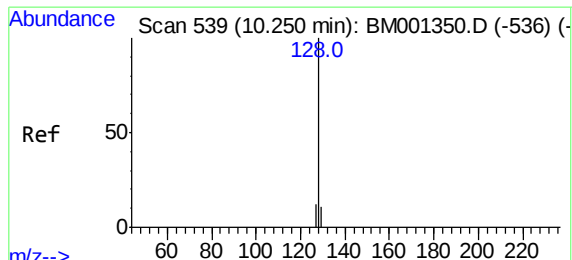
Tgt Ion: 82 Resp: 16330
Ion Ratio Lower Upper
82 100
128 44.4 33.5 50.3
54 50.6 45.1 67.7



#8
Nitrobenzene
Concen: 0.17 ng
RT: 8.534 min Scan# 391
Delta R.T. -0.093 min
Lab File: BM001379.D
Acq: 22 May 2015 03:05

Tgt Ion: 77 Resp: 217
Ion Ratio Lower Upper
77 100
123 0.0 33.6 50.4#
65 23.5 11.3 16.9#

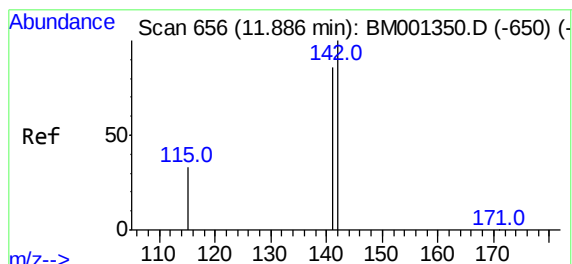
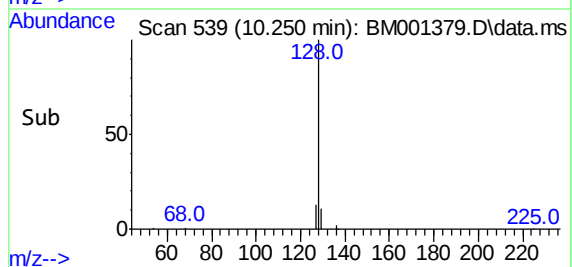
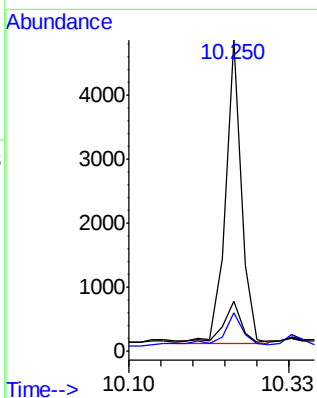
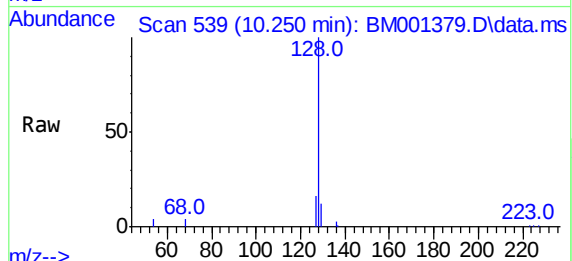




#9
Naphthalene
Concen: 0.63 ng
RT: 10.250 min Scan# 539
Delta R.T. 0.000 min
Lab File: BM001379.D
Acq: 22 May 2015 03:05

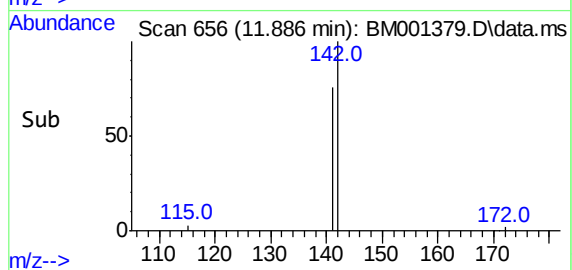
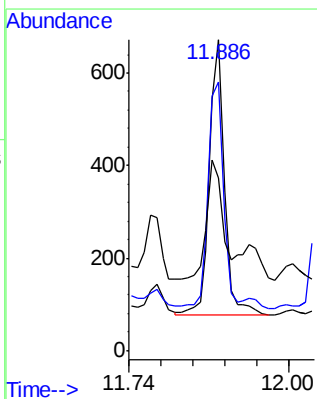
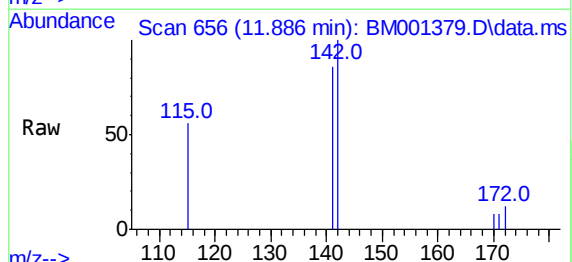
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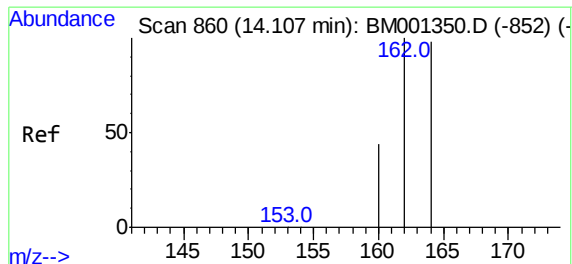
Tgt Ion:128 Resp: 7679
Ion Ratio Lower Upper
128 100
129 12.3 9.1 13.7
127 15.8 10.4 15.6#



#11
2-Methylnaphthalene
Concen: 0.12 ng
RT: 11.886 min Scan# 656
Delta R.T. -0.000 min
Lab File: BM001379.D
Acq: 22 May 2015 03:05

Tgt Ion:142 Resp: 1044
Ion Ratio Lower Upper
142 100
141 86.3 69.0 103.4
115 55.7 27.1 40.7#

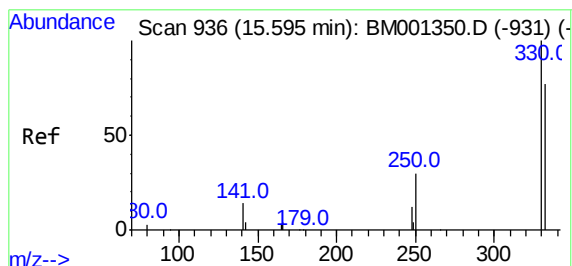
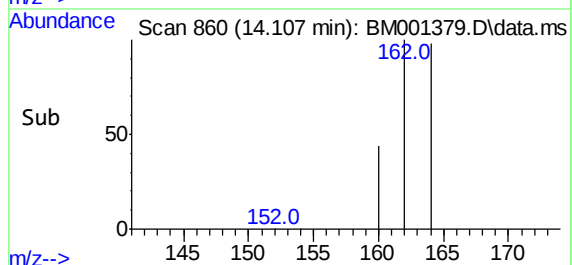
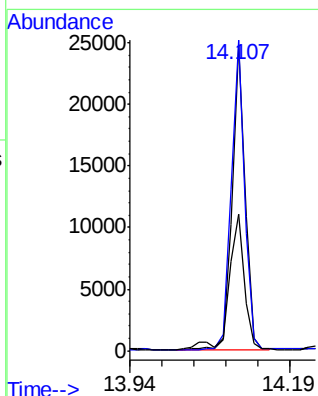
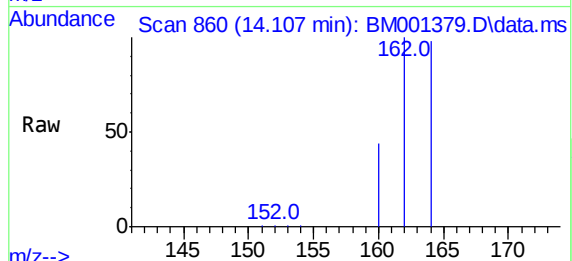




#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.107 min Scan# 860
Delta R.T. 0.000 min
Lab File: BM001379.D
Acq: 22 May 2015 03:05

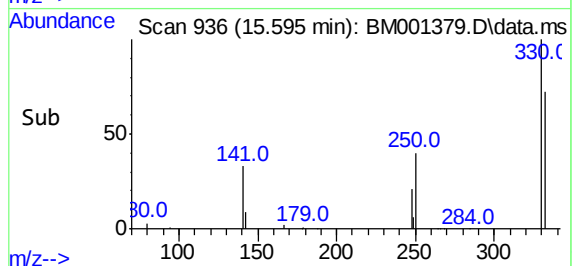
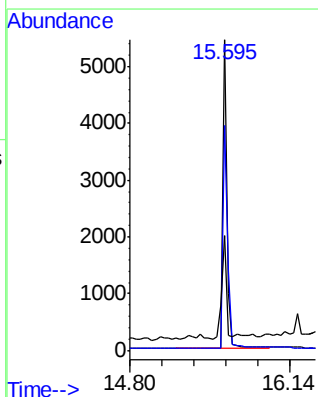
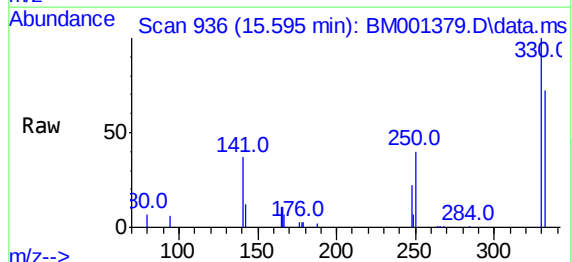
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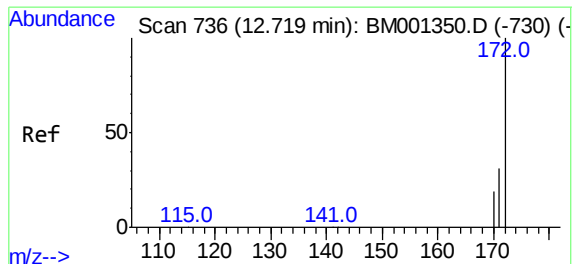
Tgt Ion:164 Resp: 34617
Ion Ratio Lower Upper
164 100
162 101.7 81.8 122.8
160 44.5 35.8 53.8



#13
2,4,6-Tribromophenol
Concen: 9.34 ng
RT: 15.595 min Scan# 936
Delta R.T. 0.001 min
Lab File: BM001379.D
Acq: 22 May 2015 03:05

Tgt Ion:330 Resp: 13425
Ion Ratio Lower Upper
330 100
332 83.2 65.4 98.2
141 38.1 20.2 30.4#

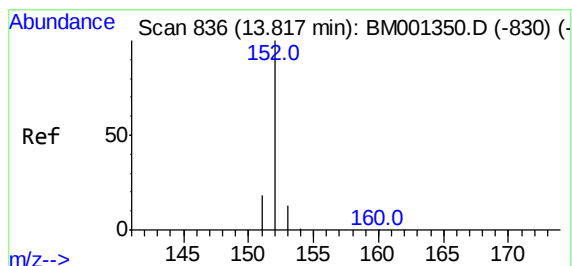
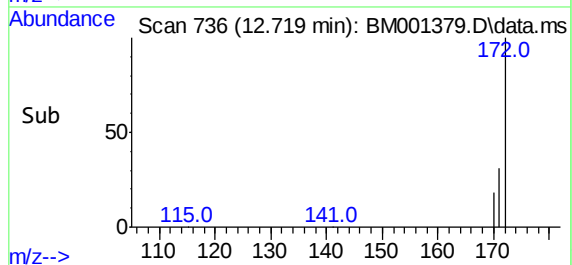
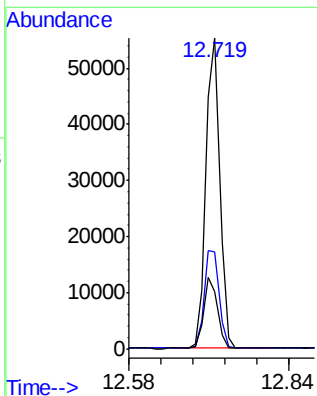
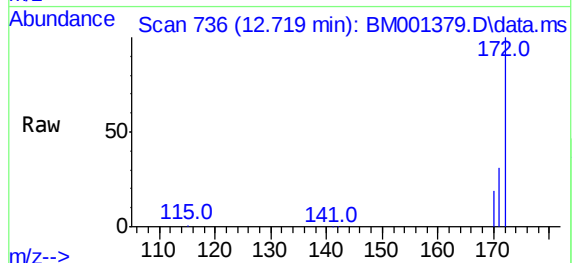




#14
2-Fluorobiphenyl
Concen: 8.01 ng
RT: 12.719 min Scan# 736
Delta R.T. 0.000 min
Lab File: BM001379.D
Acq: 22 May 2015 03:05

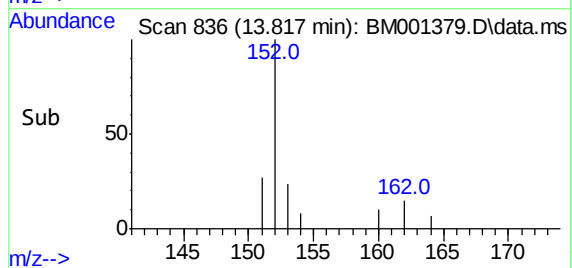
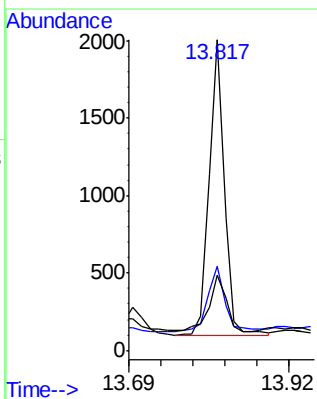
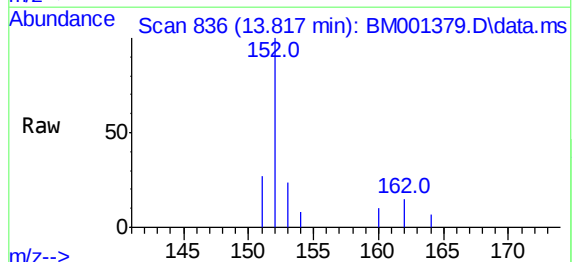
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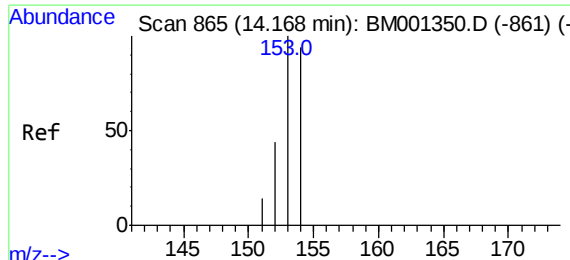
Tgt Ion:172 Resp: 82745
Ion Ratio Lower Upper
172 100
171 31.2 25.4 38.2
170 18.6 15.7 23.5



#15
Acenaphthylene
Concen: 0.20 ng
RT: 13.817 min Scan# 836
Delta R.T. -0.000 min
Lab File: BM001379.D
Acq: 22 May 2015 03:05

Tgt Ion:152 Resp: 2883
Ion Ratio Lower Upper
152 100
151 23.2 15.3 22.9#
153 21.0 10.3 15.5#

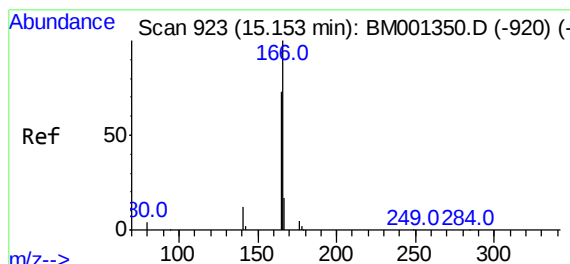
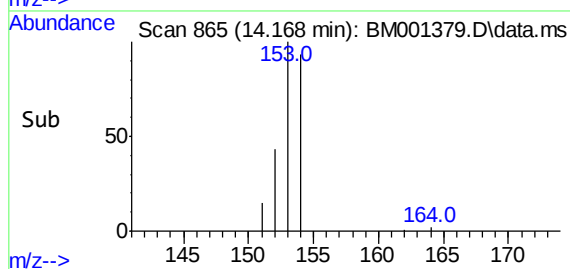
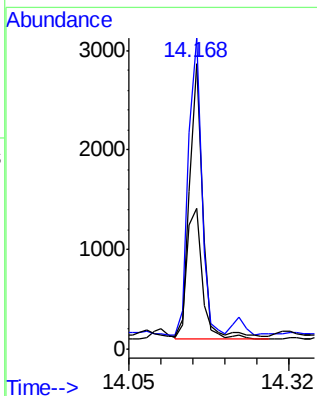
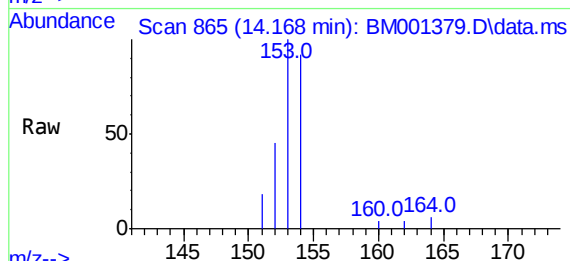




#16
Acenaphthene
Concen: 0.44 ng
RT: 14.168 min Scan# 865
Delta R.T. -0.000 min
Lab File: BM001379.D
Acq: 22 May 2015 03:05

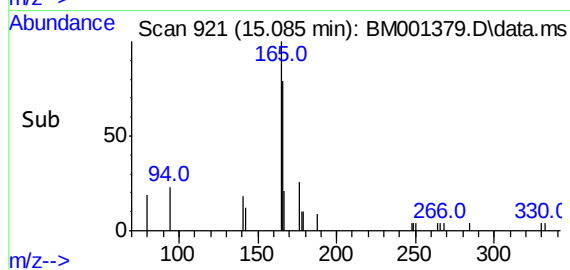
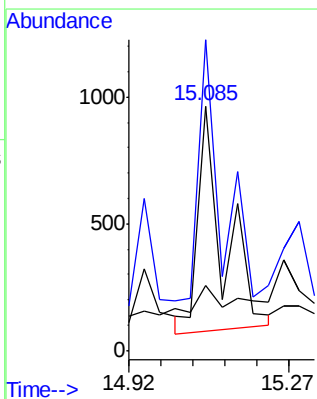
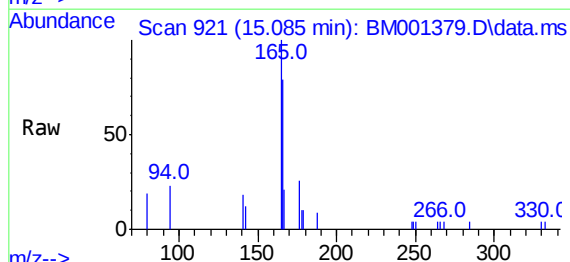
Instrument :
BNA_M
ClientSampleId :
RAV-GT-201

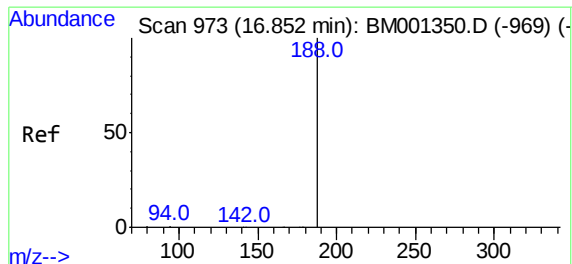
Tgt Ion:154 Resp: 4068
Ion Ratio Lower Upper
154 100
153 111.3 90.6 135.8
152 53.5 43.6 65.4



#17
Fluorene
Concen: 0.46 ng
RT: 15.085 min Scan# 921
Delta R.T. -0.068 min
Lab File: BM001379.D
Acq: 22 May 2015 03:05

Tgt Ion:166 Resp: 3379
Ion Ratio Lower Upper
166 100
165 120.2 72.5 108.7#
167 42.4 16.0 24.0#

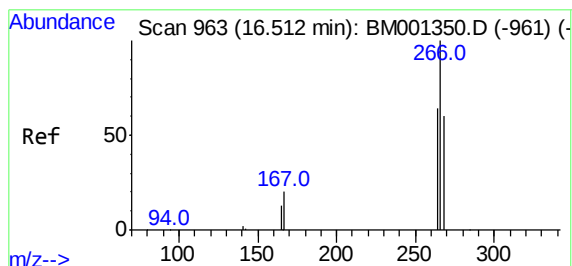
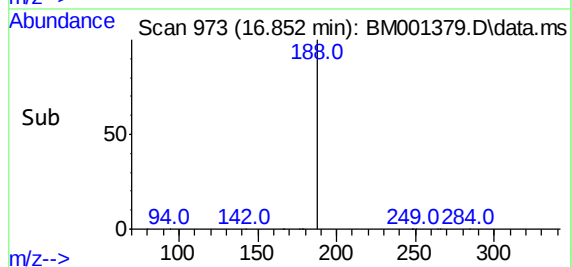
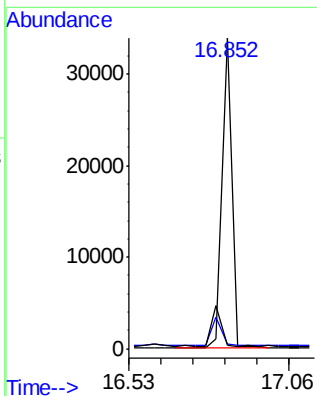
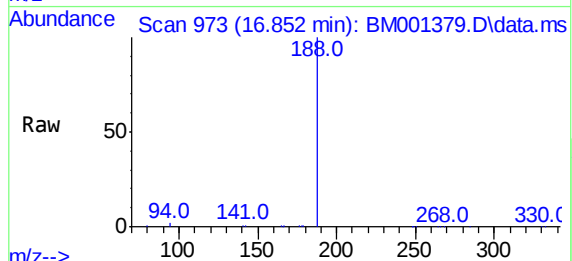




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.852 min Scan# 973
Delta R.T. 0.000 min
Lab File: BM001379.D
Acq: 22 May 2015 03:05

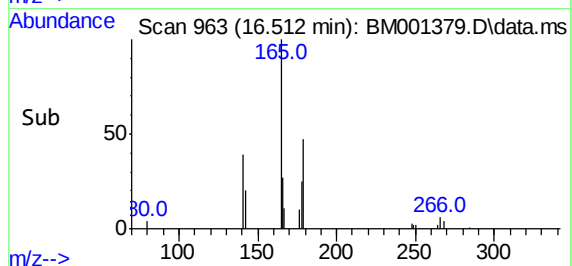
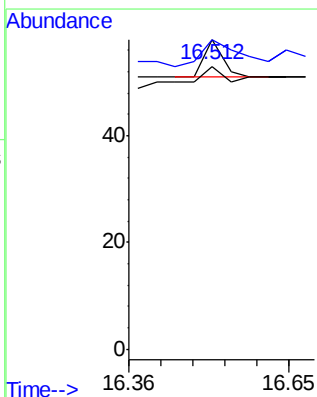
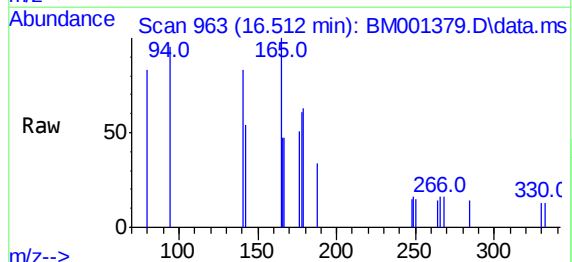
Instrument :
BNA_M
ClientSampleId :
RAV-GT-201

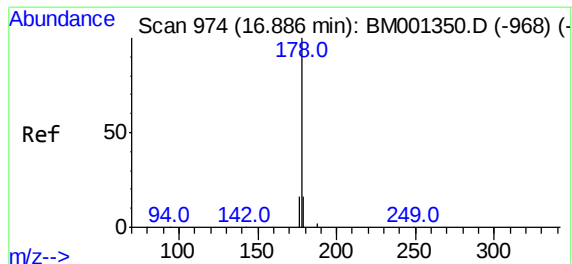
Tgt Ion:188 Resp: 71709
Ion Ratio Lower Upper
188 100
94 1.5 0.6 1.0#
80 1.2 0.6 0.8#



#21
Pentachlorophenol
Concen: 0.40 ng
RT: 16.512 min Scan# 963
Delta R.T. 0.001 min
Lab File: BM001379.D
Acq: 22 May 2015 03:05

Tgt Ion:266 Resp: 16
Ion Ratio Lower Upper
266 100
268 100.0 51.2 76.8#
264 91.4 53.7 80.5#

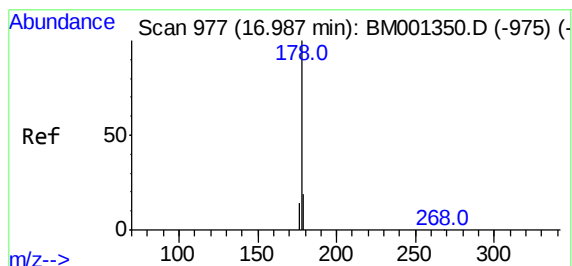
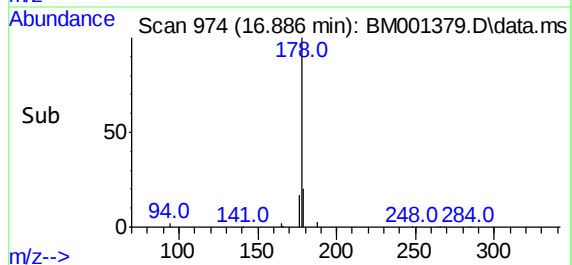
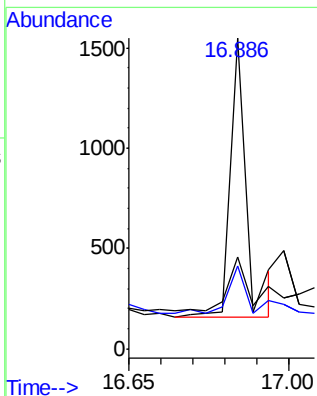
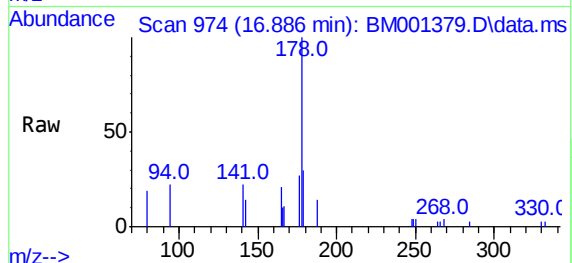




#22
Phenanthrene
Concen: 0.14 ng
RT: 16.886 min Scan# 974
Delta R.T. -0.000 min
Lab File: BM001379.D
Acq: 22 May 2015 03:05

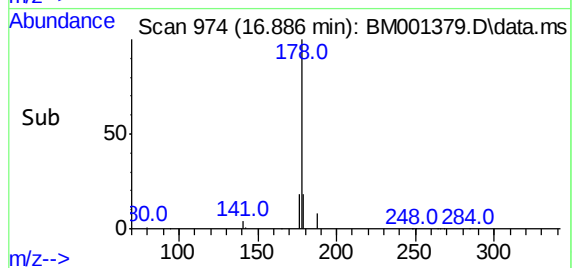
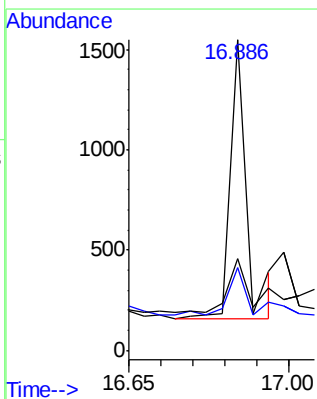
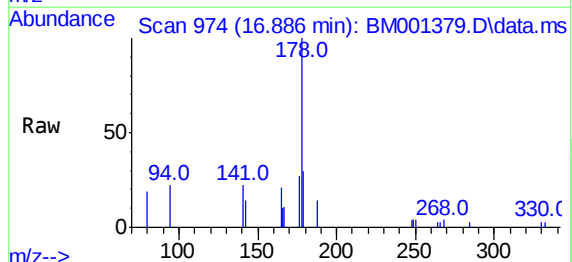
Instrument :
BNA_M
ClientSampleId :
RAV-GT-201

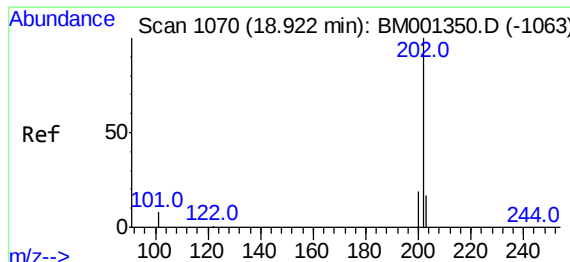
Tgt Ion:178 Resp: 3493
Ion Ratio Lower Upper
178 100
176 25.5 16.6 25.0#
179 30.7 12.8 19.2#



#23
Anthracene
Concen: 0.36 ng
RT: 16.886 min Scan# 974
Delta R.T. -0.102 min
Lab File: BM001379.D
Acq: 22 May 2015 03:05

Tgt Ion:178 Resp: 3493
Ion Ratio Lower Upper
178 100
176 25.0 46.1 69.1#
179 31.6 35.4 53.0#

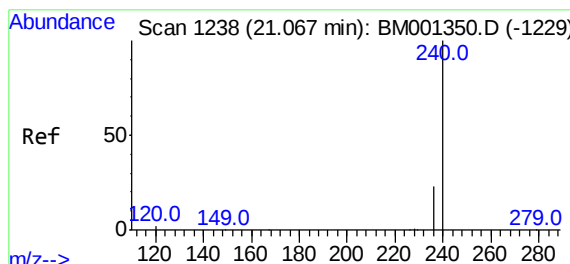
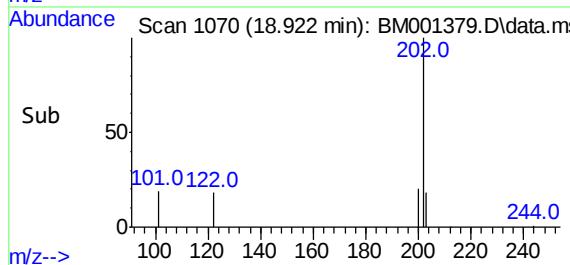
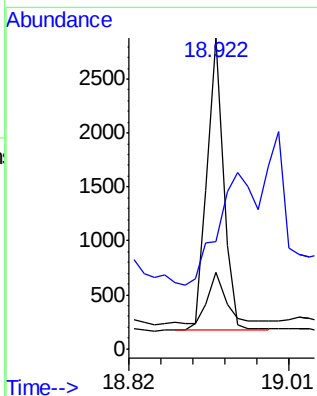
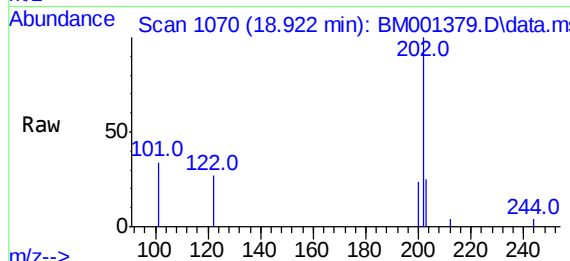




#24
Fluoranthene
Concen: 0.17 ng
RT: 18.922 min Scan# 1070
Delta R.T. 0.000 min
Lab File: BM001379.D
Acq: 22 May 2015 03:05

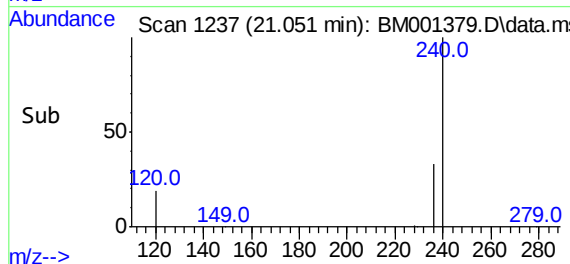
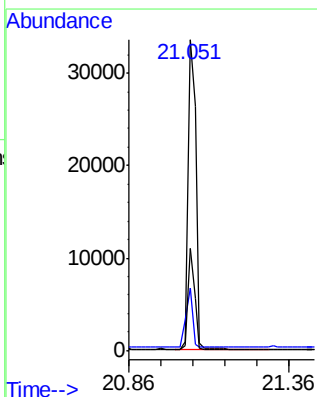
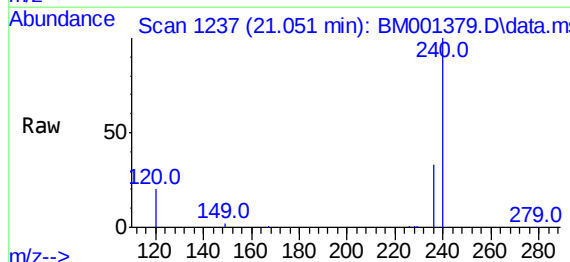
Instrument :
BNA_M
ClientSampleId :
RAV-GT-201

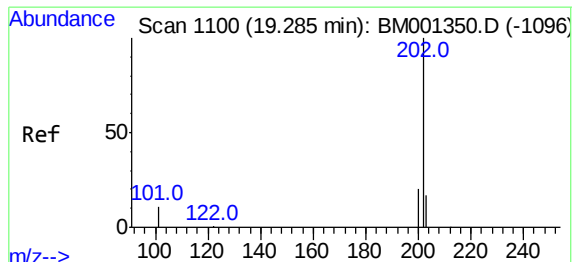
Tgt Ion:202 Resp: 3576
Ion Ratio Lower Upper
202 100
101 0.0 8.7 13.1#
203 21.1 13.8 20.6#



#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.051 min Scan# 1237
Delta R.T. -0.015 min
Lab File: BM001379.D
Acq: 22 May 2015 03:05

Tgt Ion:240 Resp: 57407
Ion Ratio Lower Upper
240 100
120 20.1 1.6 2.4#
236 33.0 18.5 27.7#

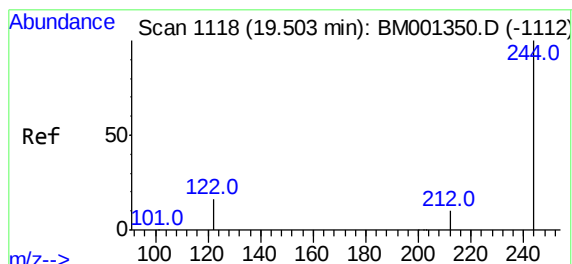
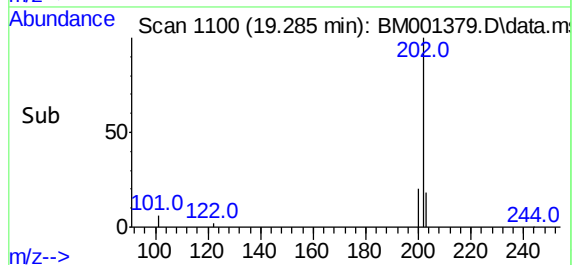
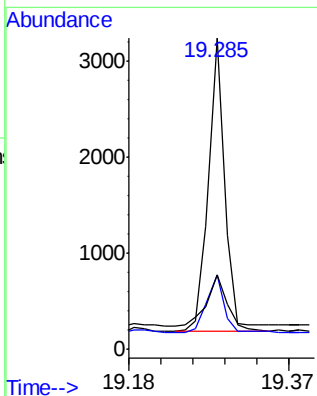
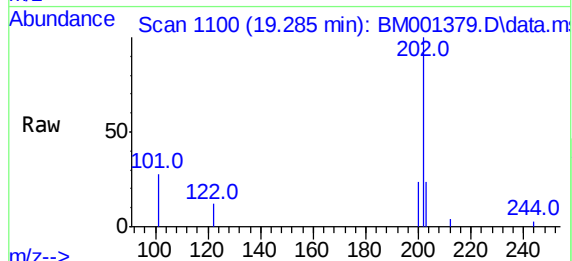




#26
Pyrene
Concen: 0.22 ng
RT: 19.285 min Scan# 1100
Delta R.T. -0.000 min
Lab File: BM001379.D
Acq: 22 May 2015 03:05

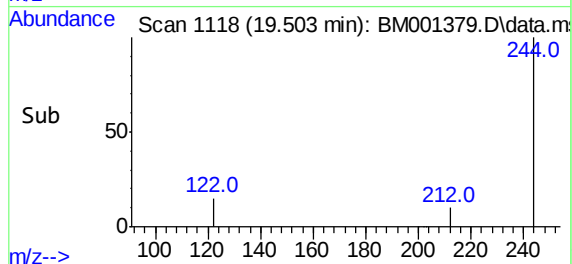
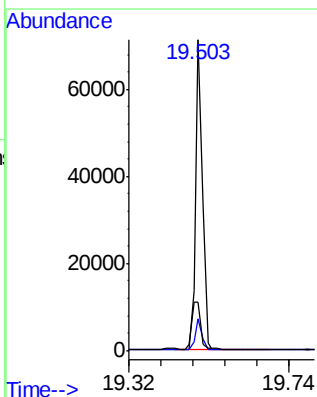
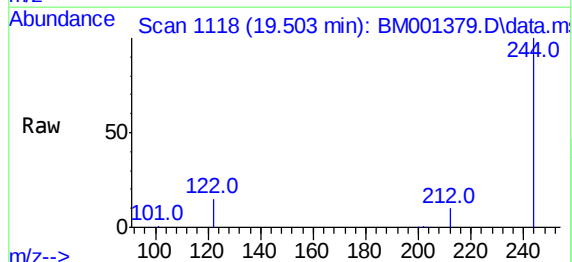
Instrument :
BNA_M
ClientSampleId :
RAV-GT-201

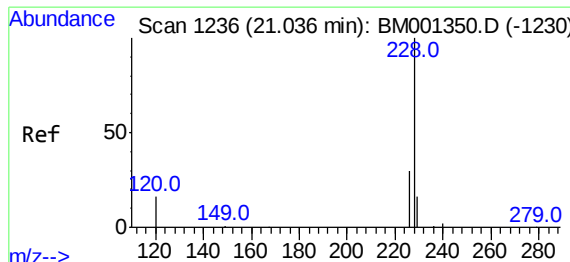
Tgt Ion:202 Resp: 3916
Ion Ratio Lower Upper
202 100
200 21.9 16.2 24.4
203 21.3 13.9 20.9#



#27
Terphenyl-d14
Concen: 11.61 ng
RT: 19.503 min Scan# 1118
Delta R.T. -0.000 min
Lab File: BM001379.D
Acq: 22 May 2015 03:05

Tgt Ion:244 Resp: 87705
Ion Ratio Lower Upper
244 100
212 10.3 8.5 12.7
122 15.5 13.4 20.2





#28

Benzo(a)anthracene

Concen: 0.06 ng

RT: 21.051 min Scan# 1237

Delta R.T. 0.015 min

Lab File: BM001379.D

Acq: 22 May 2015 03:05

Instrument :

BNA_M

ClientSampleId :

RAV-GT-201

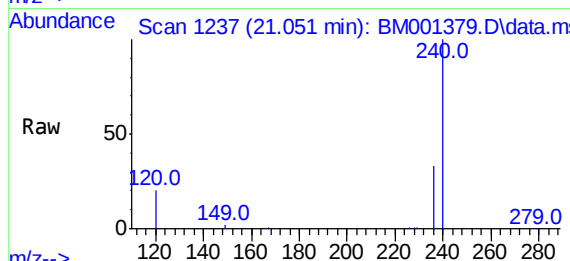
Tgt Ion:228 Resp: 952

Ion Ratio Lower Upper

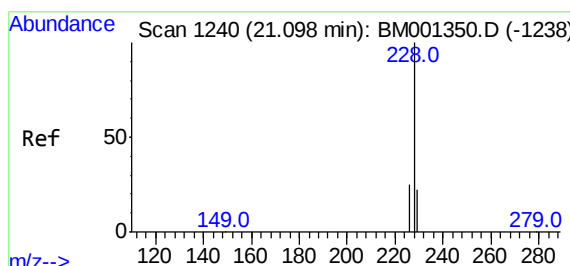
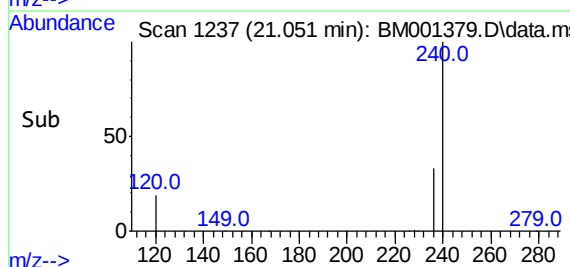
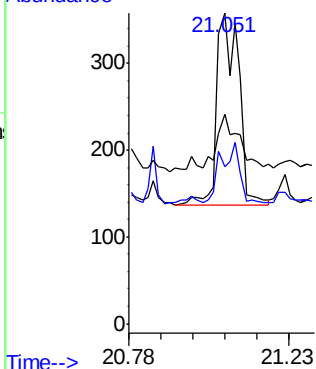
228 100

226 50.6 24.5 36.7#

229 67.6 13.3 19.9#



Abundance



#29

Chrysene

Concen: 0.06 ng

RT: 21.051 min Scan# 1237

Delta R.T. -0.046 min

Lab File: BM001379.D

Acq: 22 May 2015 03:05

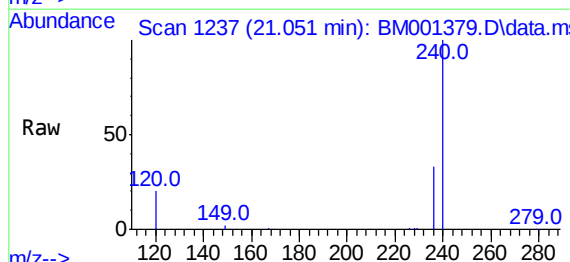
Tgt Ion:228 Resp: 952

Ion Ratio Lower Upper

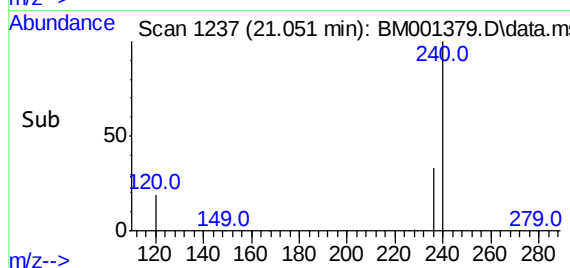
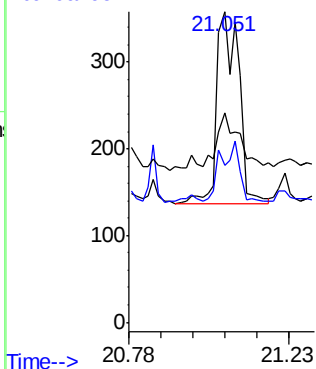
228 100

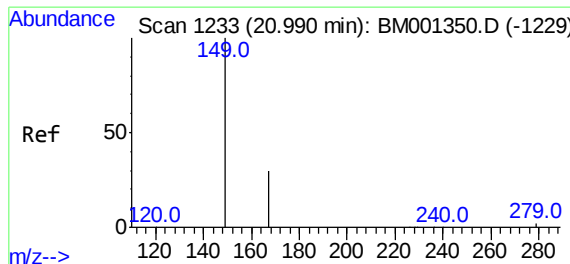
226 50.6 20.0 30.0#

229 67.6 17.6 26.4#



Abundance

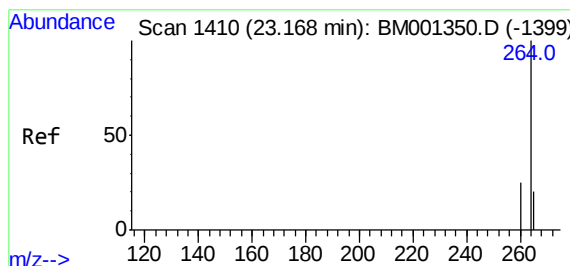
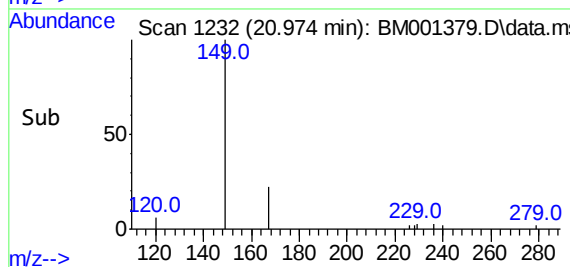
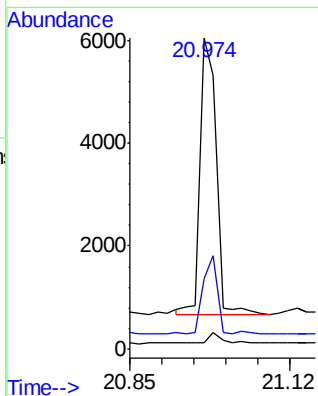
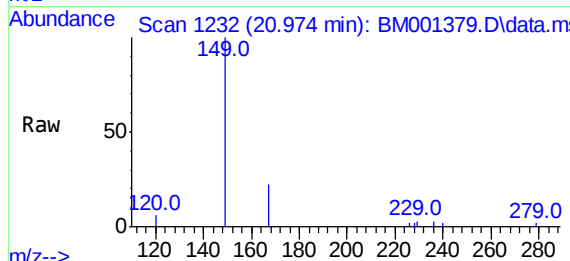




#30
Bis(2-ethylhexyl)phthalate
Concen: 1.13 ng
RT: 20.974 min Scan# 1232
Delta R.T. -0.015 min
Lab File: BM001379.D
Acq: 22 May 2015 03:05

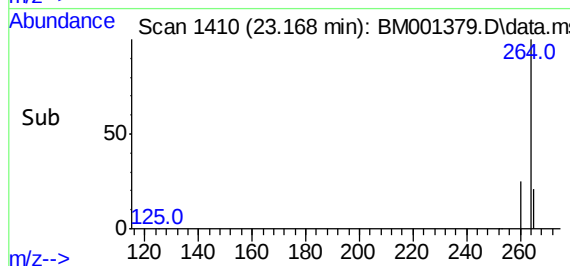
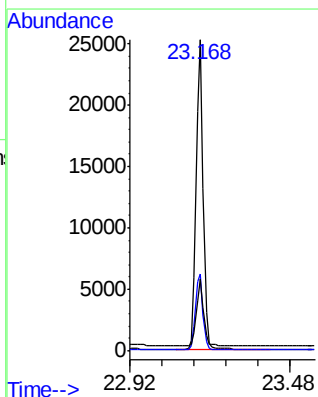
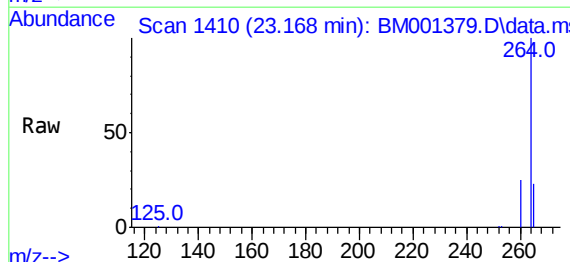
Instrument :
BNA_M
ClientSampleId :
RAV-GT-201

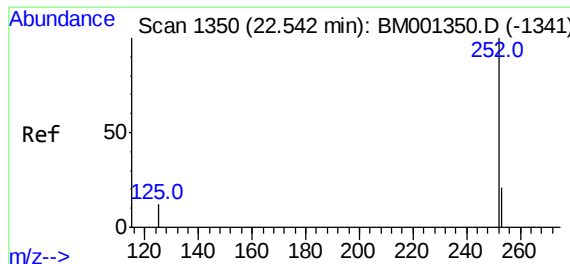
Tgt Ion:149 Resp: 9961
Ion Ratio Lower Upper
149 100
167 24.1 21.6 32.4
279 3.2 1.9 2.9#



#32
Perylene-d12
Concen: 5.00 ng
RT: 23.168 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BM001379.D
Acq: 22 May 2015 03:05

Tgt Ion:264 Resp: 42812
Ion Ratio Lower Upper
264 100
260 24.7 20.4 30.6
265 23.0 16.6 24.8

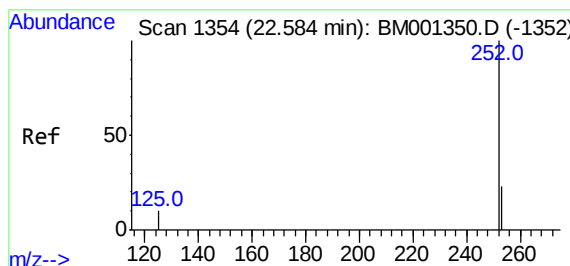
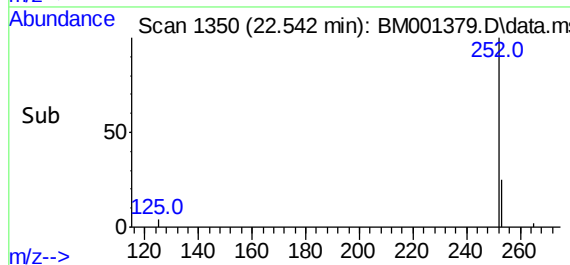
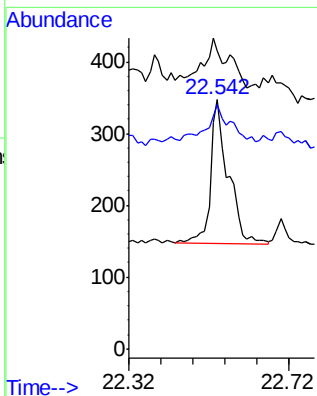
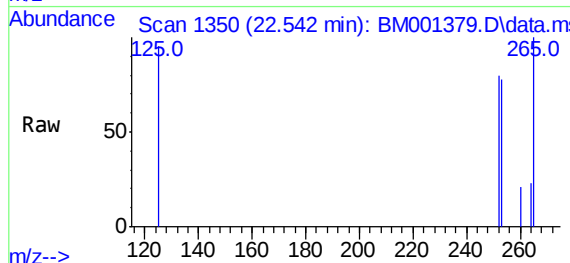




#33
Benzo(b)fluoranthene
Concen: 0.05 ng
RT: 22.542 min Scan# 1350
Delta R.T. -0.000 min
Lab File: BM001379.D
Acq: 22 May 2015 03:05

Instrument :
BNA_M
ClientSampleId :
RAV-GT-201

Tgt Ion:252 Resp: 602
Ion Ratio Lower Upper
252 100
253 98.3 17.9 26.9#
125 119.9 9.8 14.8#



#34
Benzo(k)fluoranthene
Concen: 0.05 ng
RT: 22.542 min Scan# 1350
Delta R.T. -0.042 min
Lab File: BM001379.D
Acq: 22 May 2015 03:05

Tgt Ion:252 Resp: 602
Ion Ratio Lower Upper
252 100
253 98.3 18.6 28.0#
125 119.9 9.3 13.9#

