

Data Path : Z:\HPCHEM1\BNA_M\Data\BM052015\
 Data File : BM001381.D
 Acq On : 22 May 2015 04:16
 Operator : TP/IZ
 Sample : G2313-07
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RAV-GT-102

Quant Time: May 22 05:35:55 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

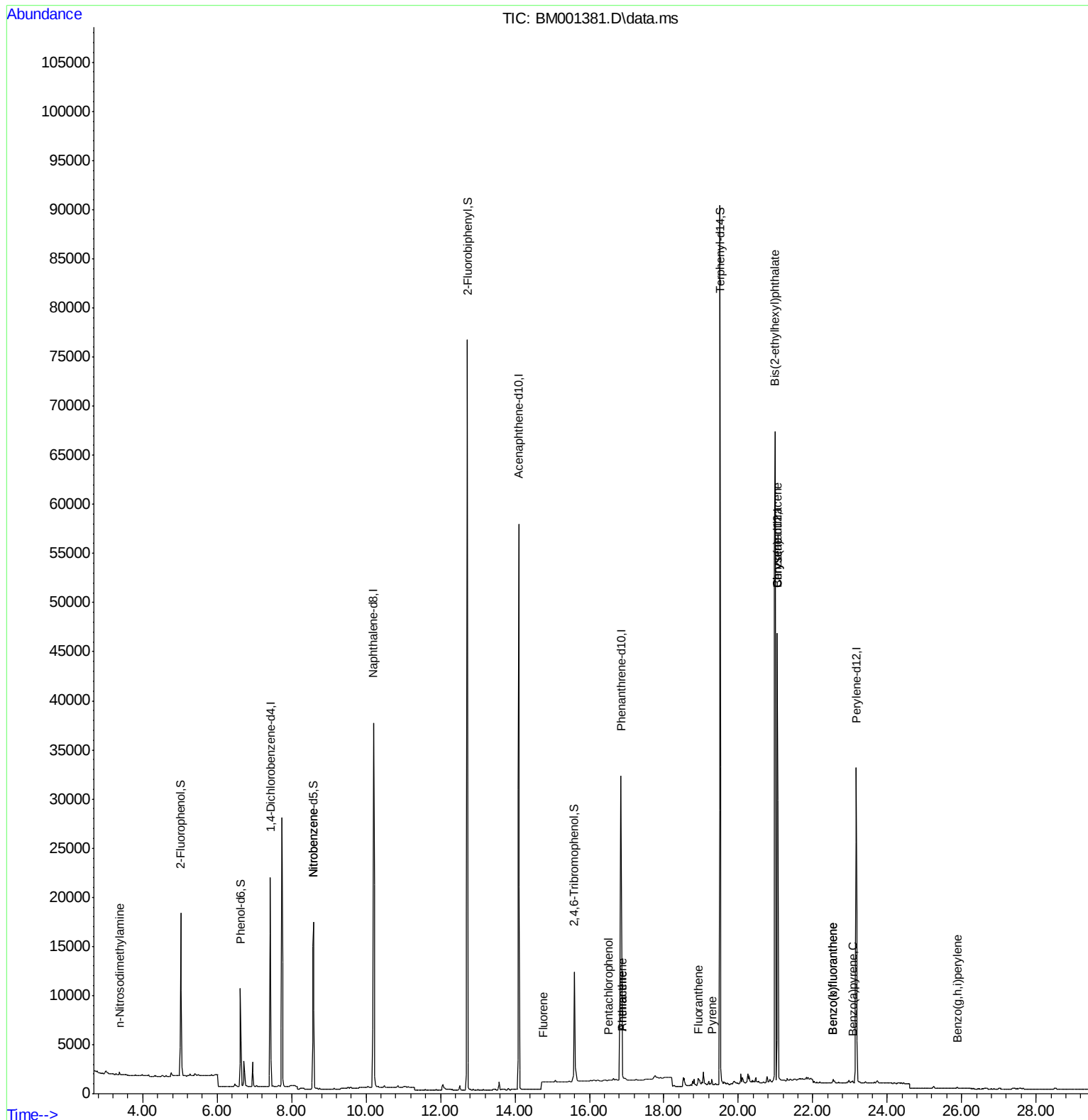
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.432	152	11703	5.00 ng	0.00
6) Naphthalene-d8	10.199	136	52437	5.00 ng	0.00
12) Acenaphthene-d10	14.107	164	32500	5.00 ng	0.00
18) Phenanthrene-d10	16.851	188	65465	5.00 ng	0.00
25) Chrysene-d12	21.051	240	51329	5.00 ng	#-0.02
32) Perylene-d12	23.167	264	38000	5.00 ng	0.00
System Monitoring Compounds					
4) 2-Fluorophenol	5.020	112	13162	5.79 ng	0.00
5) Phenol-d6	6.628	99	10068	3.56 ng	0.02
7) Nitrobenzene-d5	8.586	82	14262	5.04 ng	0.00
13) 2,4,6-Tribromophenol	15.595	330	9224	6.86 ng	0.00
14) 2-Fluorobiphenyl	12.719	172	76183	7.86 ng	0.00
27) Terphenyl-d14	19.503	244	85949	12.73 ng	0.00
Target Compounds					
2) 1,4-Dioxane	2.919	88	32	Below Cal	Qvalue # 62
3) n-Nitrosodimethylamine	3.382	42	118	0.09 ng	# 10
8) Nitrobenzene	8.586	77	92	0.14 ng	# 46
17) Fluorene	14.745	166	467	0.07 ng	# 1
21) Pentachlorophenol	16.512	266	18	0.40 ng	# 57
22) Phenanthrene	16.885	178	760	0.03 ng	# 51
23) Anthracene	16.885	178	762	0.09 ng	# 59
24) Fluoranthene	18.922	202	558	0.03 ng	# 77
26) Pyrene	19.285	202	545	0.03 ng	# 92
28) Benzo(a)anthracene	21.051	228	777	0.05 ng	# 55
29) Chrysene	21.051	228	772	0.05 ng	# 50
30) Bis(2-ethylhexyl)phtha...	20.989	149	87265	9.39 ng	# 99
33) Benzo(b)fluoranthene	22.542	252	709	0.06 ng	# 1
34) Benzo(k)fluoranthene	22.542	252	709	0.07 ng	# 1
35) Benzo(a)pyrene	23.074	252	234	0.02 ng	# 1
37) Benzo(g,h,i)perylene	25.878	276	259	0.03 ng	# 5

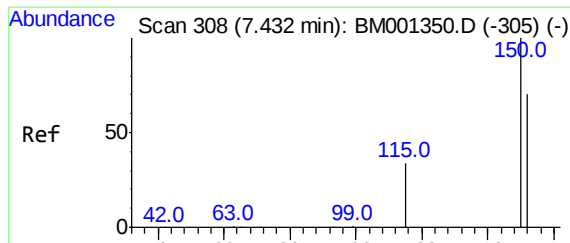
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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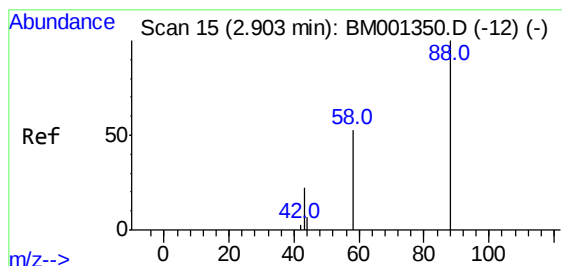
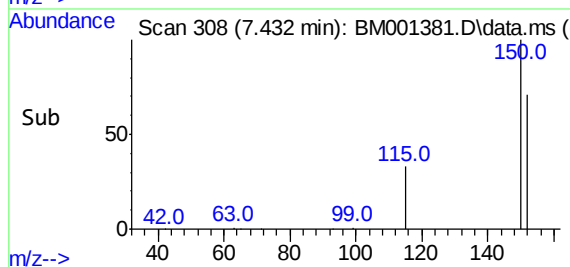
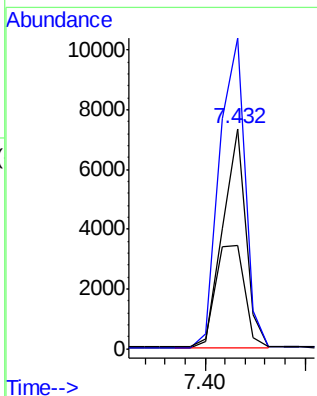
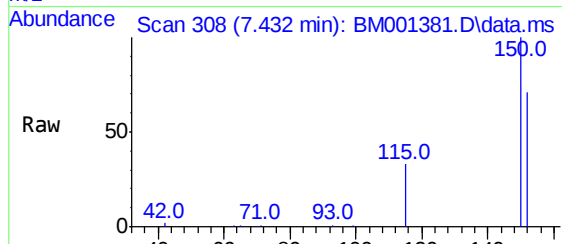




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.432 min Scan# 308
Delta R.T. -0.000 min
Lab File: BM001381.D
Acq: 22 May 2015 04:16

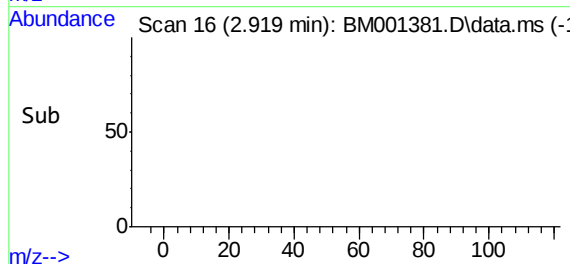
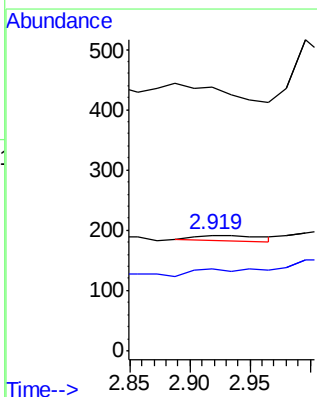
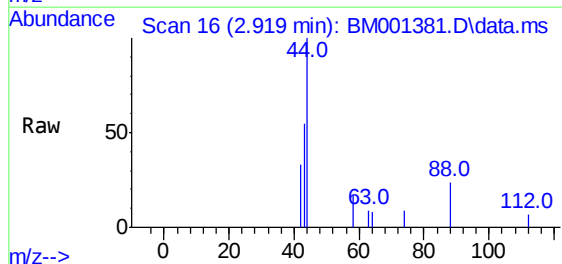
Instrument :
BNA_M
ClientSampleId :
RAV-GT-102

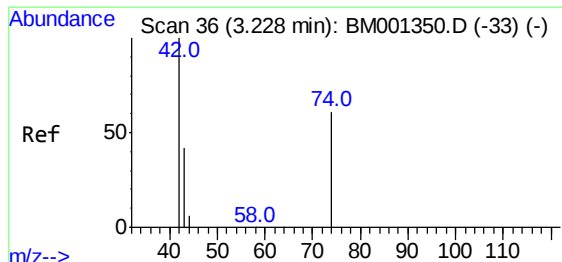
Tgt Ion:152 Resp: 11703
Ion Ratio Lower Upper
152 100
150 141.1 114.1 171.1
115 47.2 39.2 58.8



#2
1,4-Dioxane
Concen: Below Cal
RT: 2.919 min Scan# 16
Delta R.T. 0.016 min
Lab File: BM001381.D
Acq: 22 May 2015 04:16

Tgt Ion: 88 Resp: 32
Ion Ratio Lower Upper
88 100
58 87.5 53.1 79.7#
43 0.0 27.8 41.8#

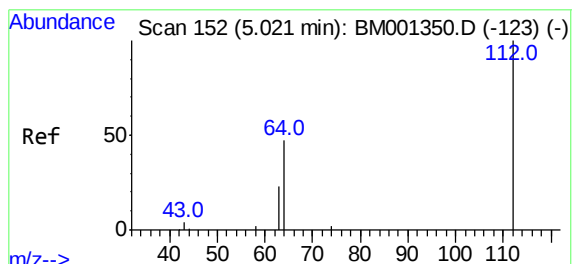
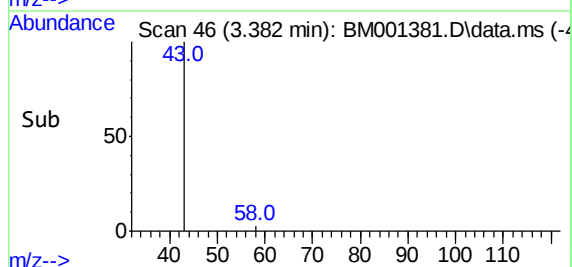
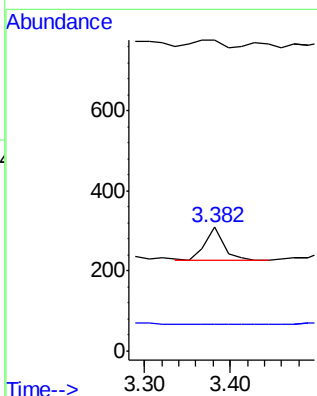
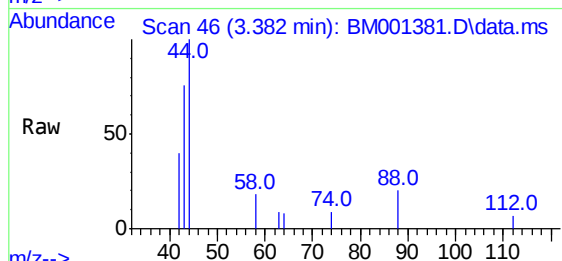




#3
n-Nitrosodimethylamine
Concen: 0.09 ng
RT: 3.382 min Scan# 46
Delta R.T. 0.154 min
Lab File: BM001381.D
Acq: 22 May 2015 04:16

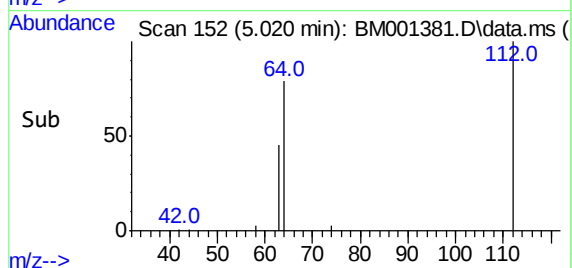
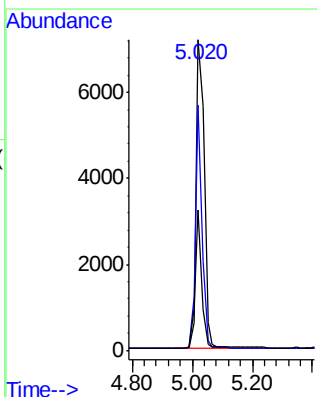
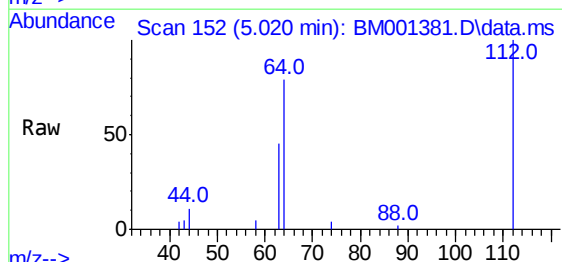
Instrument :
BNA_M
ClientSampleId :
RAV-GT-102

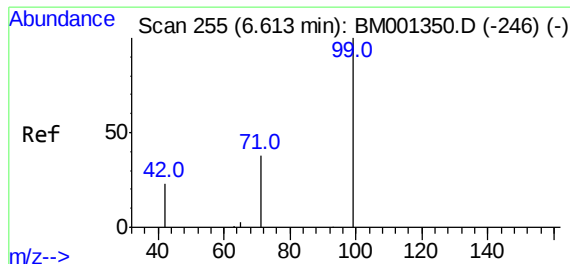
Tgt Ion: 42 Resp: 118
Ion Ratio Lower Upper
42 100
74 3.4 70.0 105.0#
44 33.1 3.6 5.4#



#4
2-Fluorophenol
Concen: 5.79 ng
RT: 5.020 min Scan# 152
Delta R.T. -0.000 min
Lab File: BM001381.D
Acq: 22 May 2015 04:16

Tgt Ion: 112 Resp: 13162
Ion Ratio Lower Upper
112 100
64 64.3 52.9 79.3
63 36.2 29.6 44.4

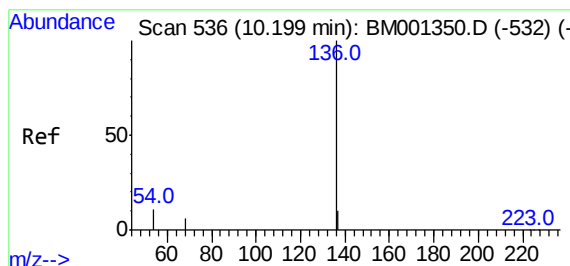
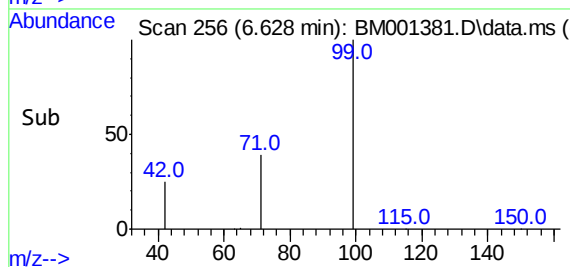
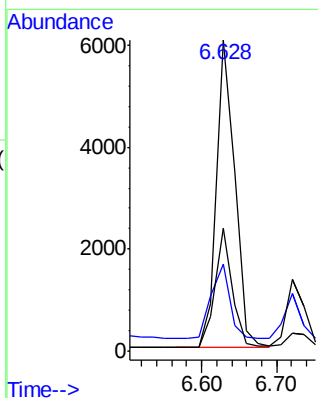
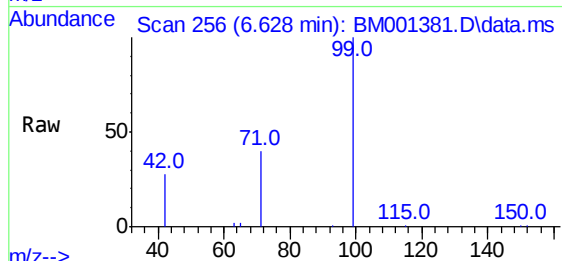




#5
Phenol-d6
Concen: 3.56 ng
RT: 6.628 min Scan# 256
Delta R.T. 0.015 min
Lab File: BM001381.D
Acq: 22 May 2015 04:16

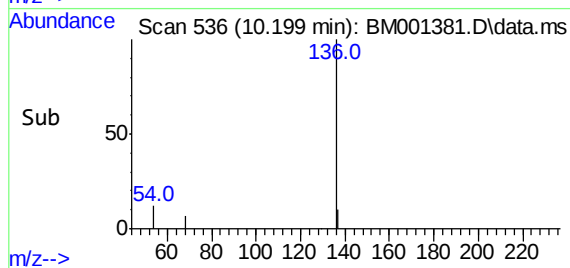
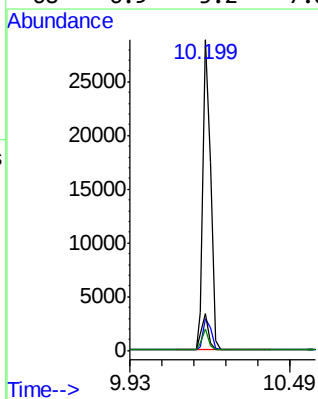
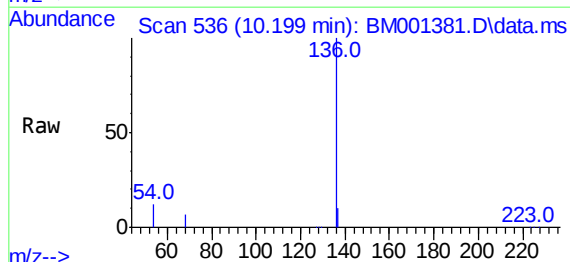
Instrument :
BNA_M
ClientSampleId :
RAV-GT-102

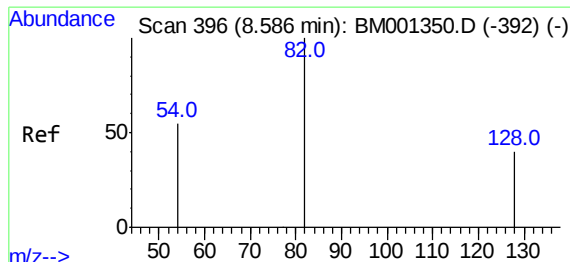
Tgt Ion: 99 Resp: 10068
Ion Ratio Lower Upper
99 100
42 24.6 21.4 32.2
71 35.9 29.0 43.4



#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.199 min Scan# 536
Delta R.T. -0.000 min
Lab File: BM001381.D
Acq: 22 May 2015 04:16

Tgt Ion:136 Resp: 52437
Ion Ratio Lower Upper
136 100
137 10.3 8.2 12.4
54 12.0 9.4 14.0
68 6.9 5.2 7.8

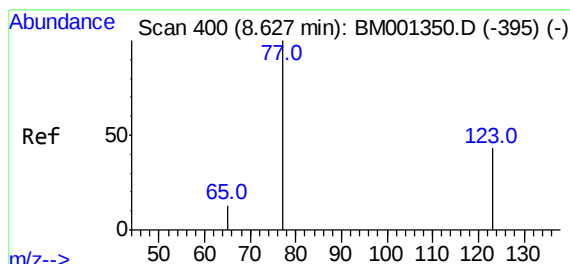
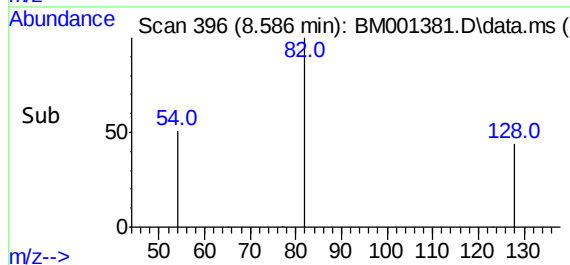
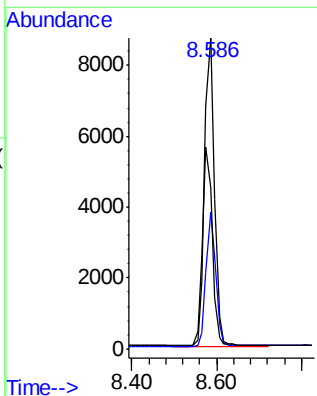
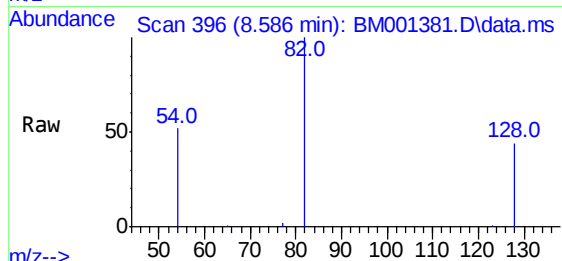




#7
Nitrobenzene-d5
Concen: 5.04 ng
RT: 8.586 min Scan# 396
Delta R.T. -0.000 min
Lab File: BM001381.D
Acq: 22 May 2015 04:16

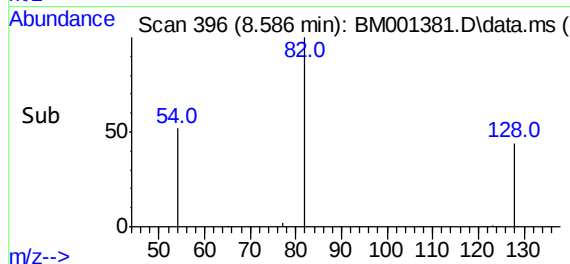
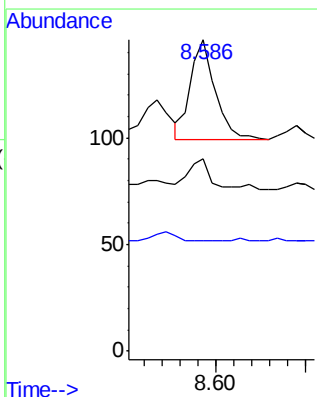
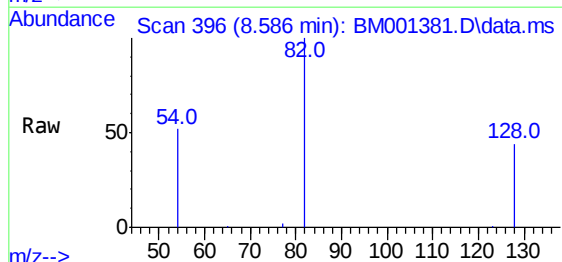
Instrument :
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ClientSampleId :
RAV-GT-102

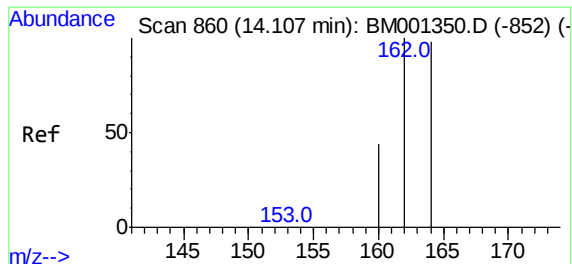
Tgt Ion: 82 Resp: 14262
Ion Ratio Lower Upper
82 100
128 43.9 33.5 50.3
54 52.0 45.1 67.7



#8
Nitrobenzene
Concen: 0.14 ng
RT: 8.586 min Scan# 396
Delta R.T. -0.041 min
Lab File: BM001381.D
Acq: 22 May 2015 04:16

Tgt Ion: 77 Resp: 92
Ion Ratio Lower Upper
77 100
123 0.0 33.6 50.4#
65 20.7 11.3 16.9#

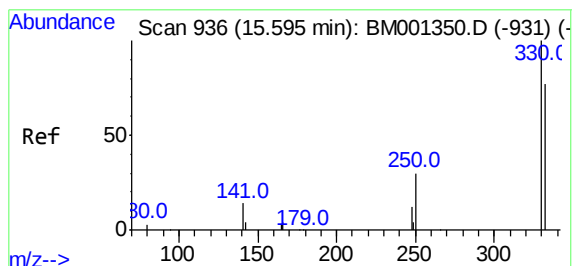
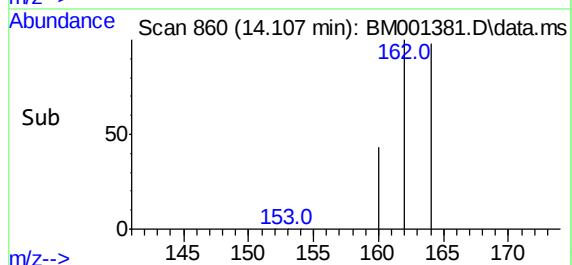
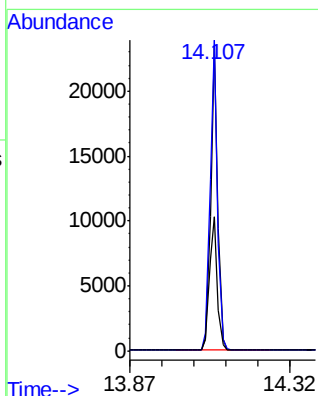
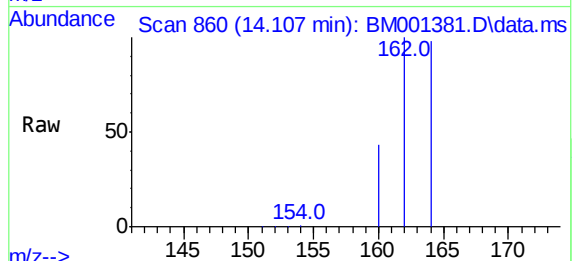




#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.107 min Scan# 860
Delta R.T. -0.000 min
Lab File: BM001381.D
Acq: 22 May 2015 04:16

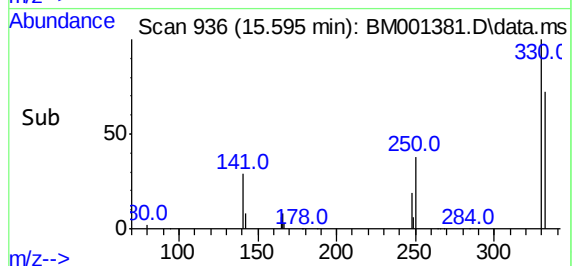
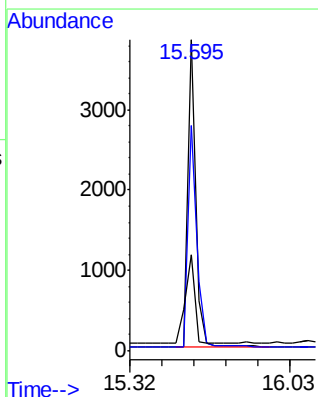
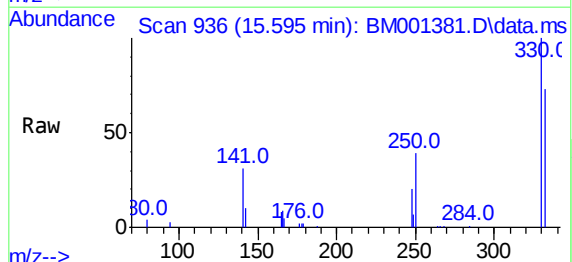
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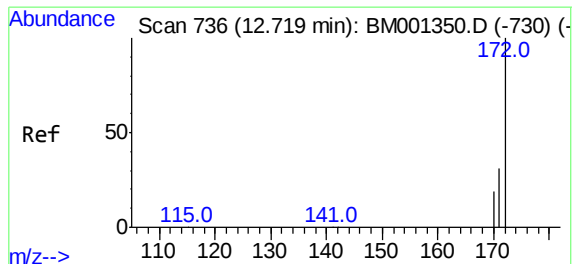
Tgt Ion:164 Resp: 32500
Ion Ratio Lower Upper
164 100
162 102.1 81.8 122.8
160 44.1 35.8 53.8



#13
2,4,6-Tribromophenol
Concen: 6.86 ng
RT: 15.595 min Scan# 936
Delta R.T. 0.001 min
Lab File: BM001381.D
Acq: 22 May 2015 04:16

Tgt Ion:330 Resp: 9224
Ion Ratio Lower Upper
330 100
332 81.5 65.4 98.2
141 35.2 20.2 30.4#

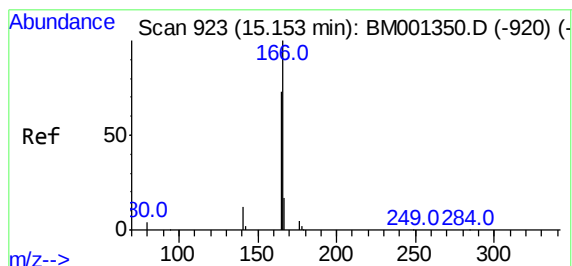
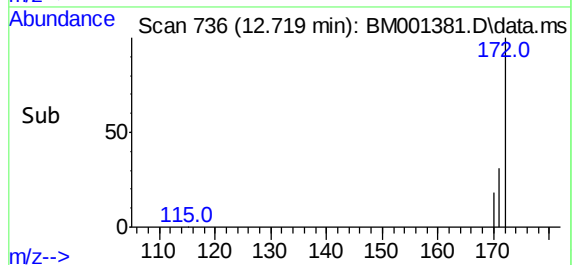
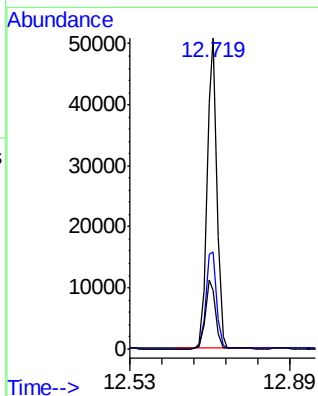
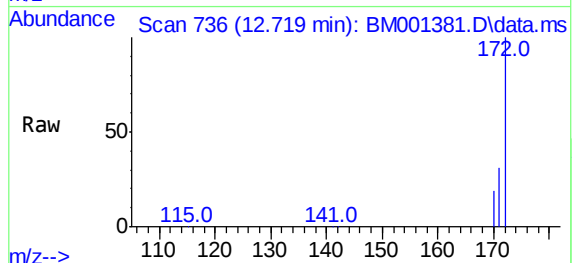




#14
2-Fluorobiphenyl
Concen: 7.86 ng
RT: 12.719 min Scan# 736
Delta R.T. -0.000 min
Lab File: BM001381.D
Acq: 22 May 2015 04:16

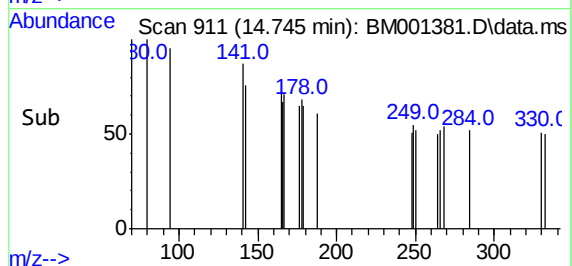
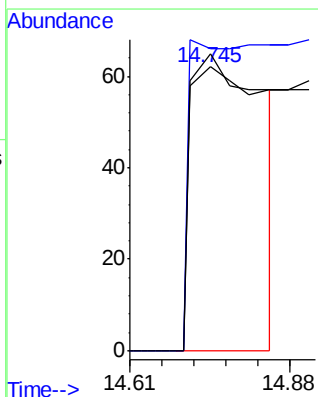
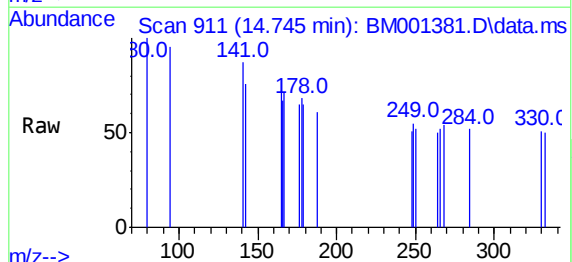
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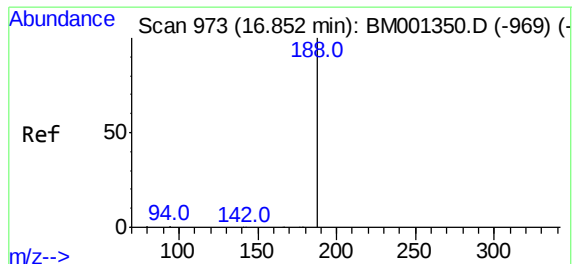
Tgt Ion:172 Resp: 76183
Ion Ratio Lower Upper
172 100
171 31.2 25.4 38.2
170 18.7 15.7 23.5



#17
Fluorene
Concen: 0.07 ng
RT: 14.745 min Scan# 911
Delta R.T. -0.408 min
Lab File: BM001381.D
Acq: 22 May 2015 04:16

Tgt Ion:166 Resp: 467
Ion Ratio Lower Upper
166 100
165 0.0 72.5 108.7#
167 77.5 16.0 24.0#

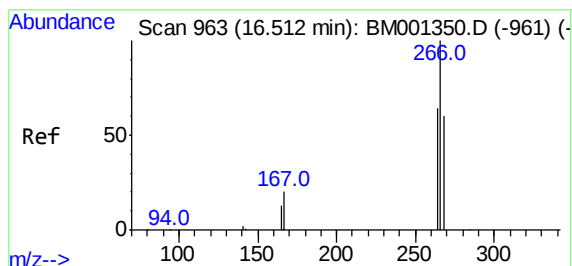
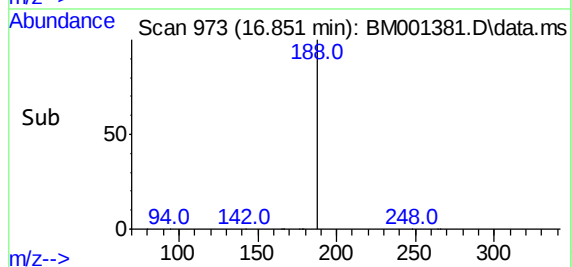
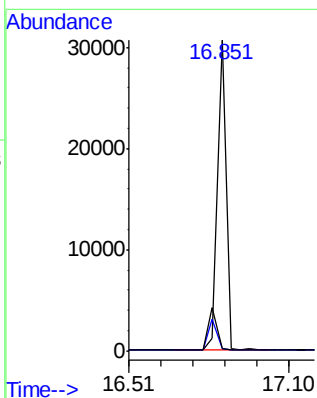
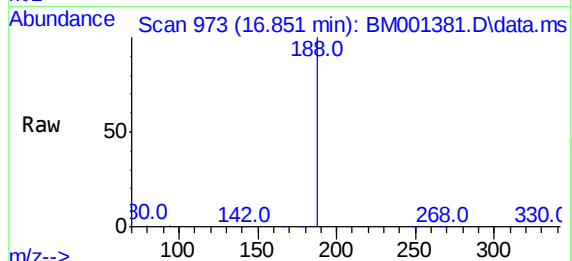




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.851 min Scan# 973
Delta R.T. -0.000 min
Lab File: BM001381.D
Acq: 22 May 2015 04:16

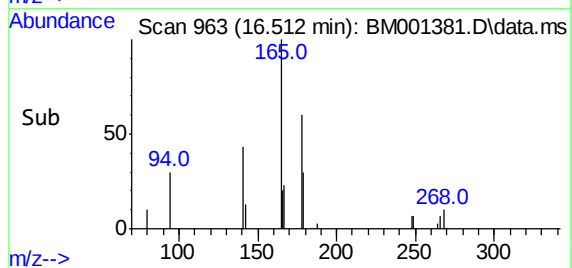
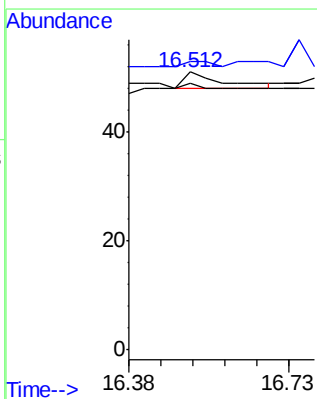
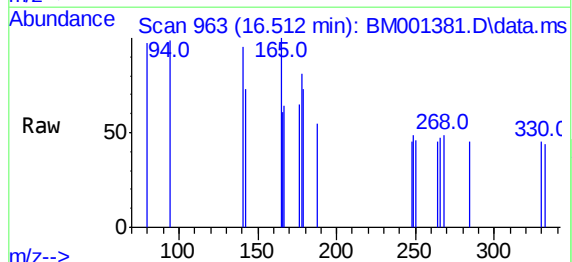
Instrument :
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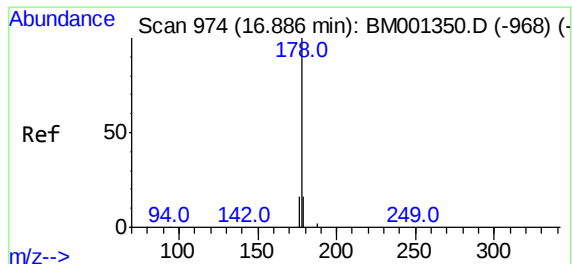
Tgt Ion:	188	Resp:	65465
Ion	Ratio	Lower	Upper
188	100		
94	0.8	0.6	1.0
80	0.7	0.6	0.8



#21
Pentachlorophenol
Concen: 0.40 ng
RT: 16.512 min Scan# 963
Delta R.T. 0.001 min
Lab File: BM001381.D
Acq: 22 May 2015 04:16

Tgt Ion:	266	Resp:	18
Ion	Ratio	Lower	Upper
266	100		
268	103.9	51.2	76.8#
264	96.1	53.7	80.5#

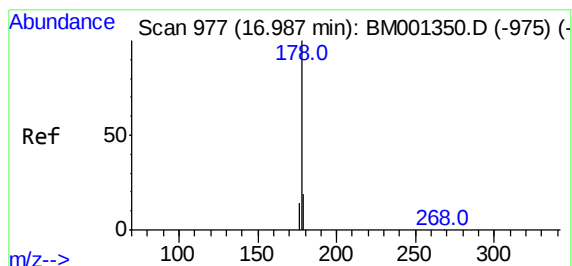
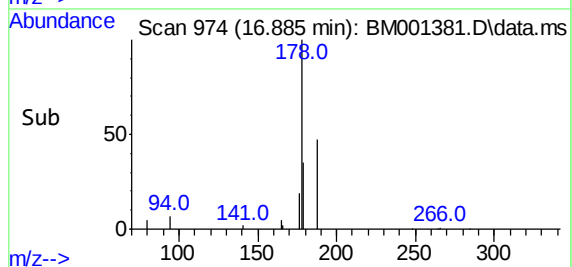
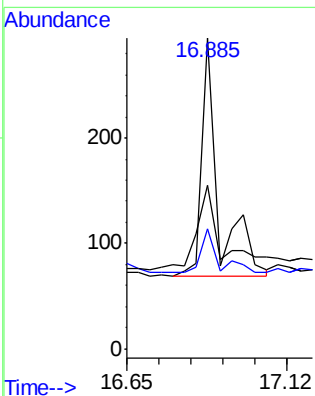
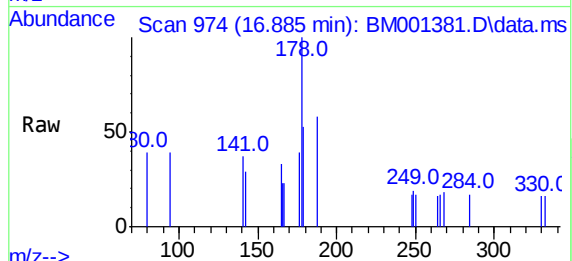




#22
Phenanthrene
Concen: 0.03 ng
RT: 16.885 min Scan# 974
Delta R.T. -0.000 min
Lab File: BM001381.D
Acq: 22 May 2015 04:16

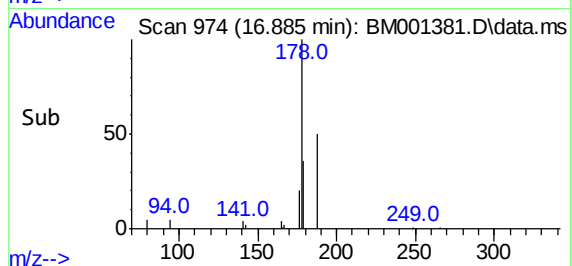
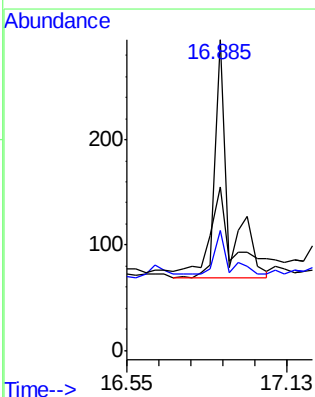
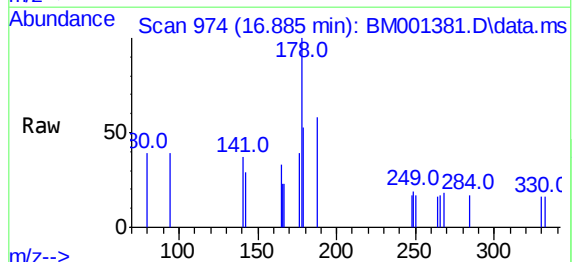
Instrument :
BNA_M
ClientSampleId :
RAV-GT-102

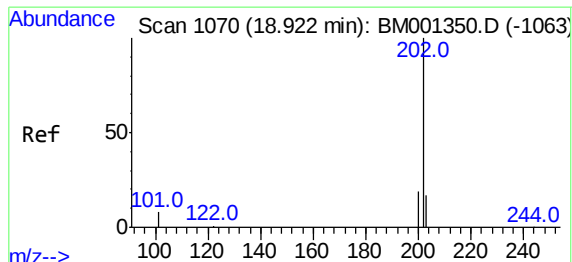
Tgt Ion:178 Resp: 760
Ion Ratio Lower Upper
178 100
176 19.7 16.6 25.0
179 62.2 12.8 19.2#



#23
Anthracene
Concen: 0.09 ng
RT: 16.885 min Scan# 974
Delta R.T. -0.102 min
Lab File: BM001381.D
Acq: 22 May 2015 04:16

Tgt Ion:178 Resp: 762
Ion Ratio Lower Upper
178 100
176 19.7 46.1 69.1#
179 62.1 35.4 53.0#

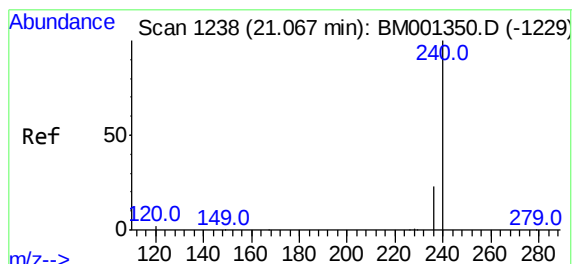
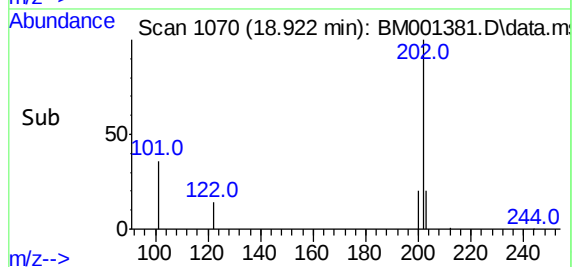
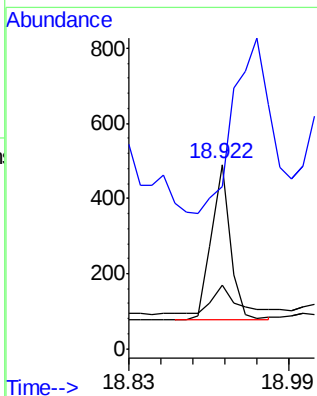
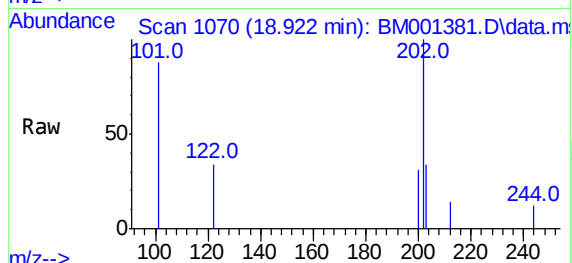




#24
Fluoranthene
Concen: 0.03 ng
RT: 18.922 min Scan# 1070
Delta R.T. -0.000 min
Lab File: BM001381.D
Acq: 22 May 2015 04:16

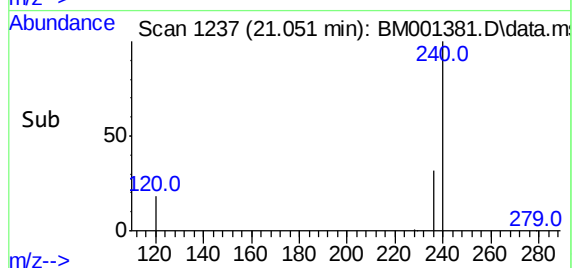
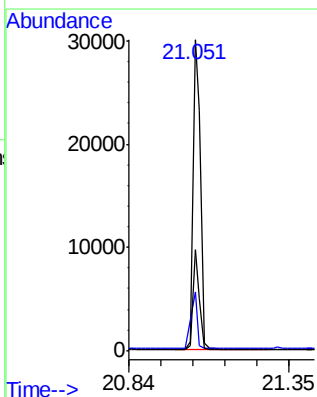
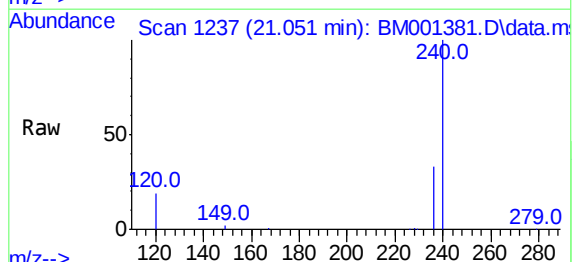
Instrument :
BNA_M
ClientSampleId :
RAV-GT-102

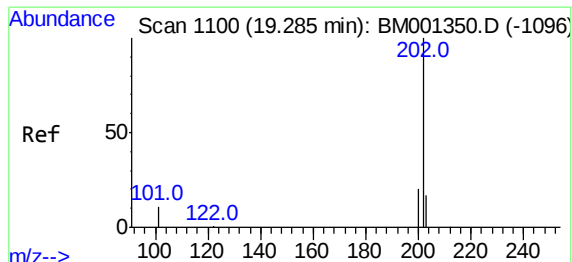
Tgt Ion:202 Resp: 558
Ion Ratio Lower Upper
202 100
101 0.0 8.7 13.1#
203 25.4 13.8 20.6#



#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.051 min Scan# 1237
Delta R.T. -0.016 min
Lab File: BM001381.D
Acq: 22 May 2015 04:16

Tgt Ion:240 Resp: 51329
Ion Ratio Lower Upper
240 100
120 18.8 1.6 2.4#
236 32.6 18.5 27.7#

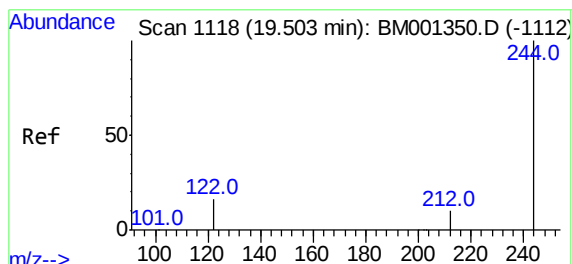
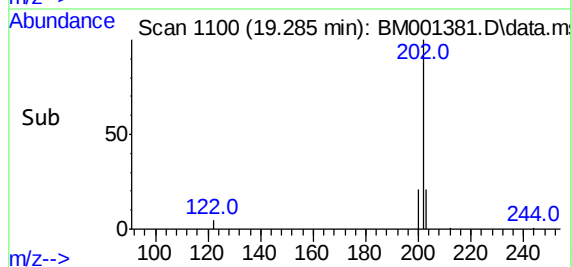
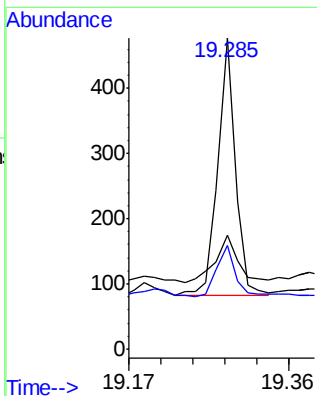
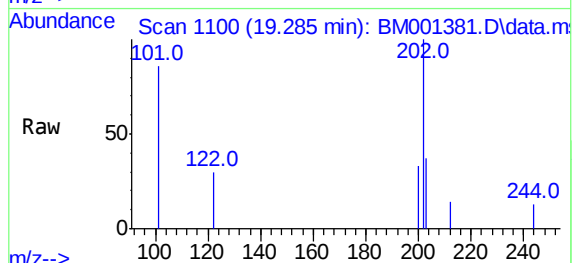




#26
Pyrene
Concen: 0.03 ng
RT: 19.285 min Scan# 1100
Delta R.T. -0.000 min
Lab File: BM001381.D
Acq: 22 May 2015 04:16

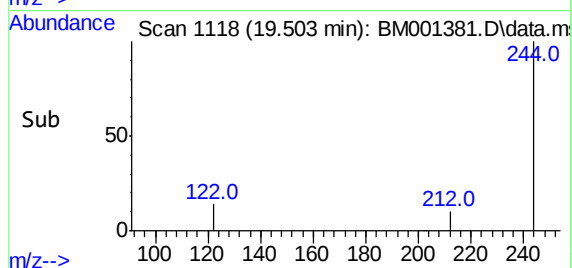
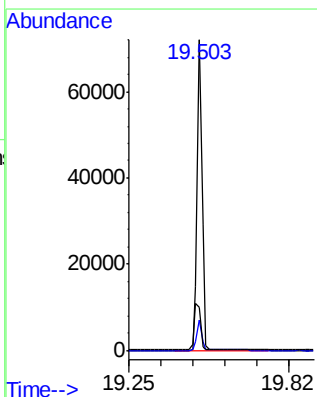
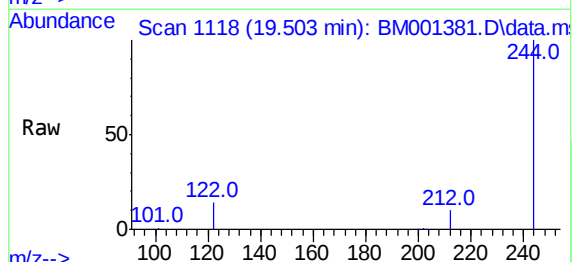
Instrument :
BNA_M
ClientSampleId :
RAV-GT-102

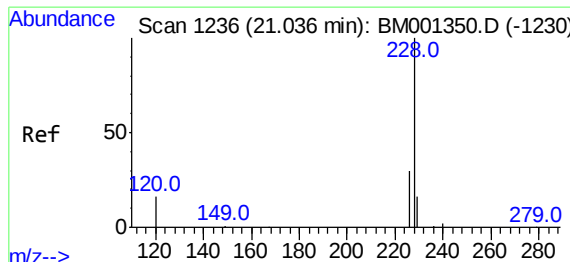
Tgt Ion:202 Resp: 545
Ion Ratio Lower Upper
202 100
200 20.9 16.2 24.4
203 24.6 13.9 20.9#



#27
Terphenyl-d14
Concen: 12.73 ng
RT: 19.503 min Scan# 1118
Delta R.T. -0.000 min
Lab File: BM001381.D
Acq: 22 May 2015 04:16

Tgt Ion:244 Resp: 85949
Ion Ratio Lower Upper
244 100
212 10.0 8.5 12.7
122 13.9 13.4 20.2





#28

Benzo(a)anthracene

Concen: 0.05 ng

RT: 21.051 min Scan# 1237

Delta R.T. 0.015 min

Lab File: BM001381.D

Acq: 22 May 2015 04:16

Tgt Ion:228 Resp: 777

Ion Ratio Lower Upper

228 100

226 42.4 24.5 36.7#

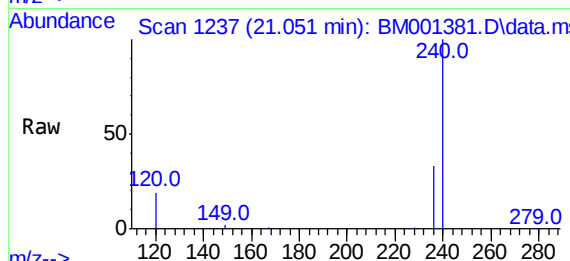
229 54.3 13.3 19.9#

Instrument :

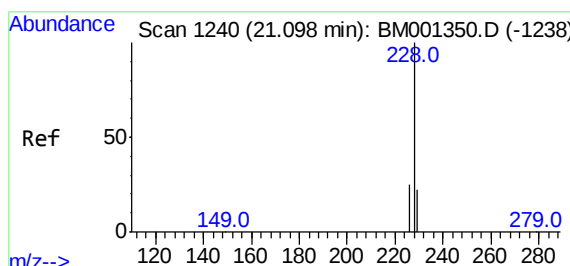
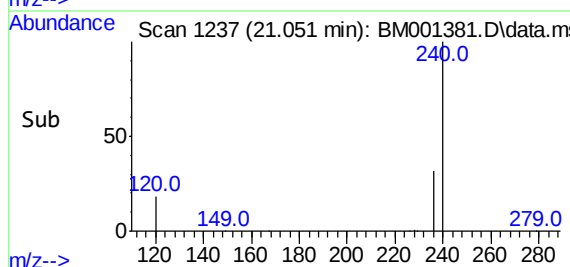
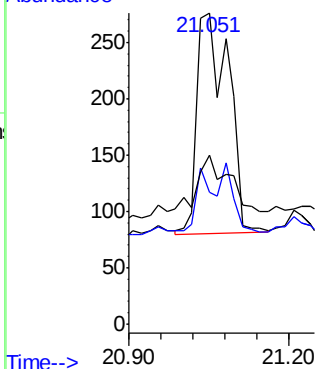
BNA_M

ClientSampleId :

RAV-GT-102



Abundance



#29

Chrysene

Concen: 0.05 ng

RT: 21.051 min Scan# 1237

Delta R.T. -0.047 min

Lab File: BM001381.D

Acq: 22 May 2015 04:16

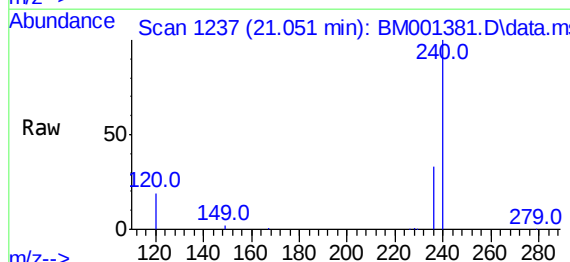
Tgt Ion:228 Resp: 772

Ion Ratio Lower Upper

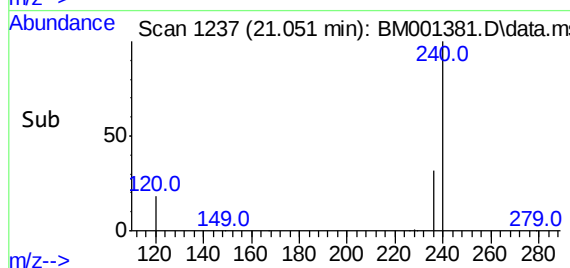
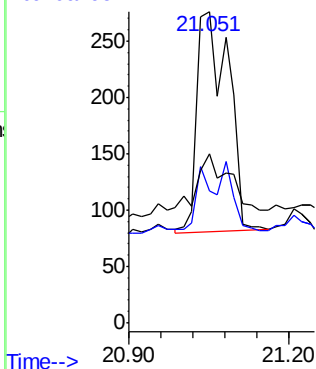
228 100

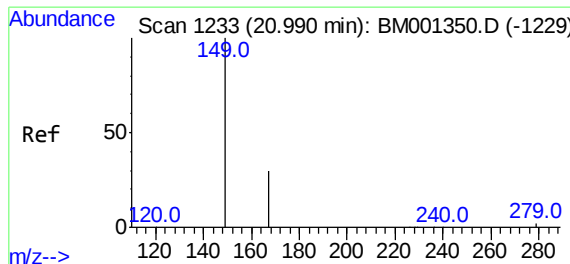
226 42.4 20.0 30.0#

229 54.3 17.6 26.4#



Abundance

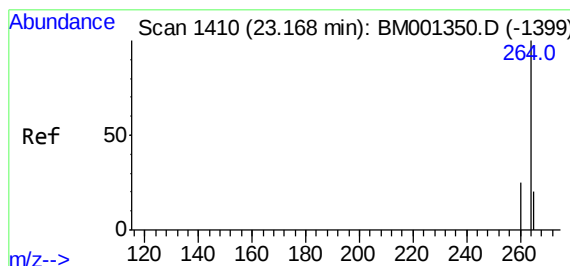
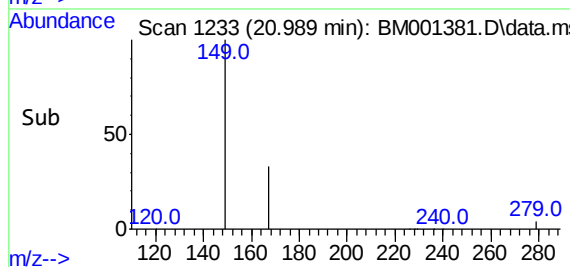
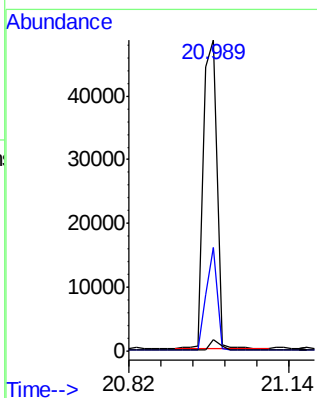
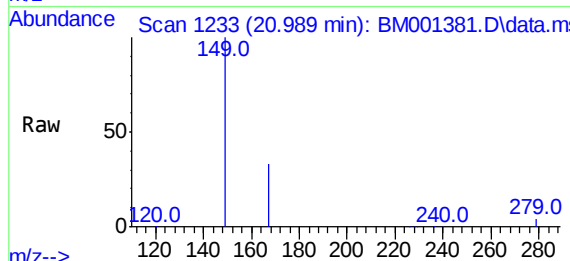




#30
Bis(2-ethylhexyl)phthalate
Concen: 9.39 ng
RT: 20.989 min Scan# 1233
Delta R.T. 0.000 min
Lab File: BM001381.D
Acq: 22 May 2015 04:16

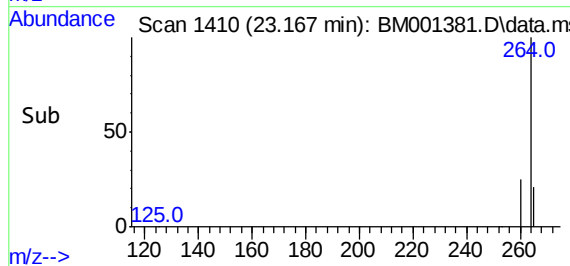
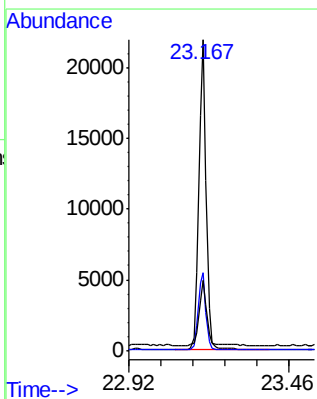
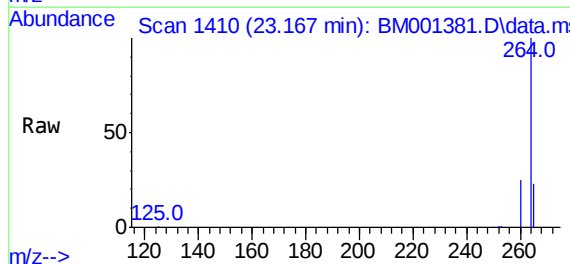
Instrument :
BNA_M
ClientSampleId :
RAV-GT-102

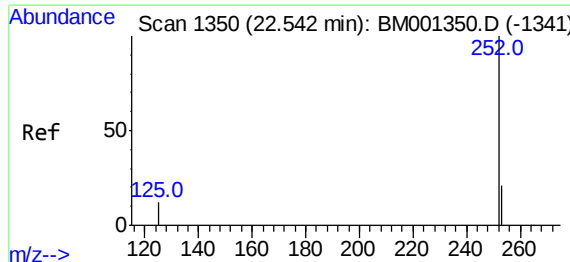
Tgt Ion:149 Resp: 87265
Ion Ratio Lower Upper
149 100
167 26.7 21.6 32.4
279 2.5 1.9 2.9



#32
Perylene-d12
Concen: 5.00 ng
RT: 23.167 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BM001381.D
Acq: 22 May 2015 04:16

Tgt Ion:264 Resp: 38000
Ion Ratio Lower Upper
264 100
260 25.0 20.4 30.6
265 22.6 16.6 24.8

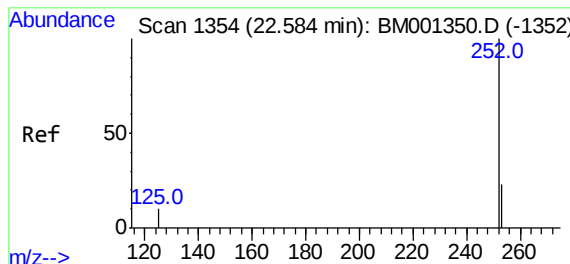
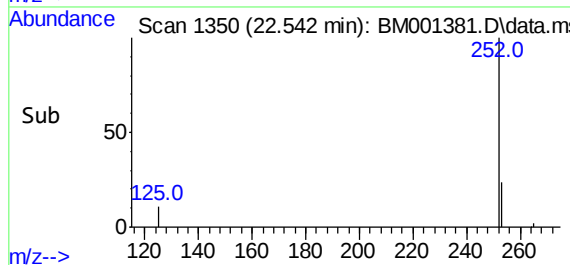
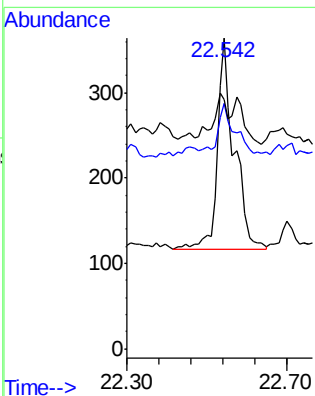
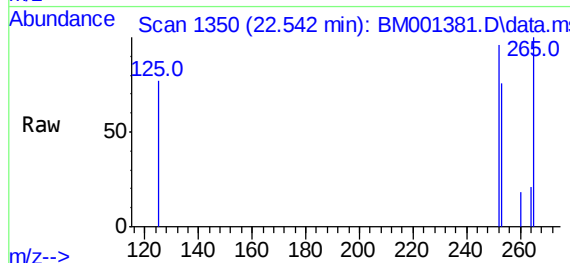




#33
Benzo(b)fluoranthene
Concen: 0.06 ng
RT: 22.542 min Scan# 1350
Delta R.T. -0.000 min
Lab File: BM001381.D
Acq: 22 May 2015 04:16

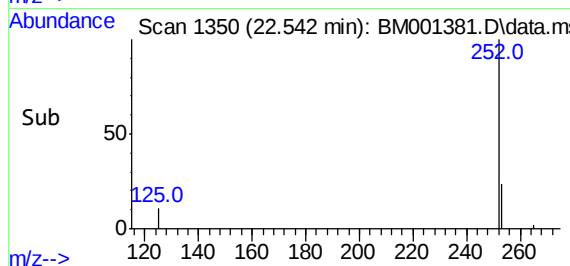
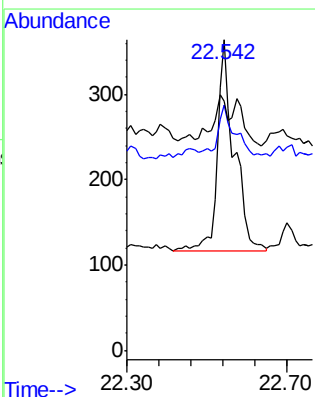
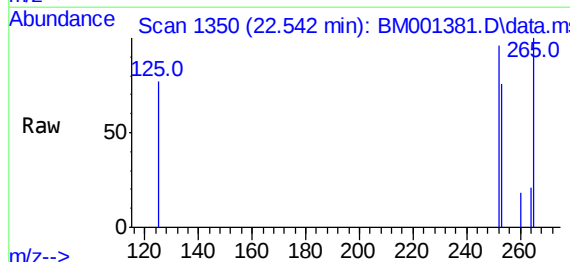
Instrument :
BNA_M
ClientSampleId :
RAV-GT-102

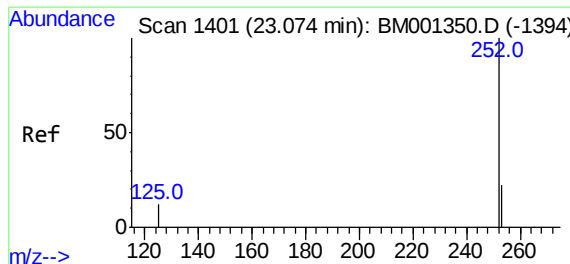
Tgt Ion:	252	Resp:	709
Ion	Ratio	Lower	Upper
252	100		
253	78.8	17.9	26.9#
125	80.2	9.8	14.8#



#34
Benzo(k)fluoranthene
Concen: 0.07 ng
RT: 22.542 min Scan# 1350
Delta R.T. -0.042 min
Lab File: BM001381.D
Acq: 22 May 2015 04:16

Tgt Ion:	252	Resp:	709
Ion	Ratio	Lower	Upper
252	100		
253	78.8	18.6	28.0#
125	80.2	9.3	13.9#



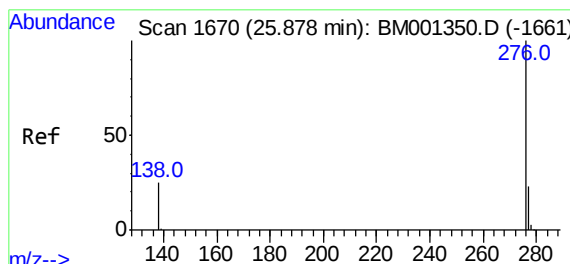
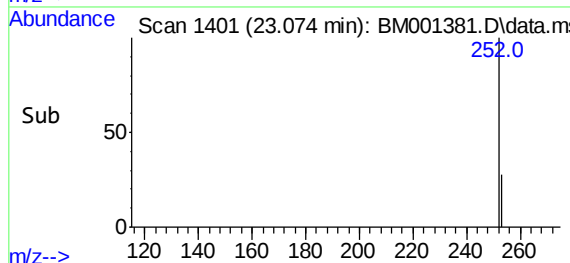
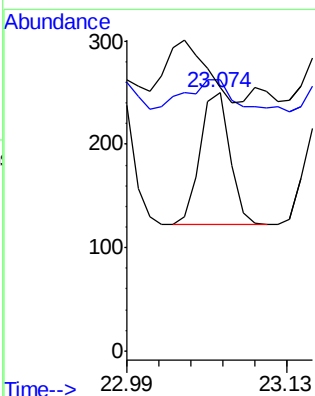
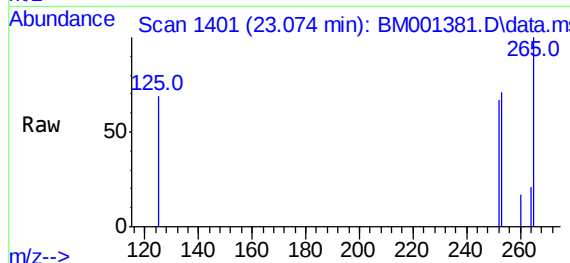


#35
Benzo(a)pyrene
Concen: 0.02 ng
RT: 23.074 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BM001381.D
Acq: 22 May 2015 04:16

Instrument :
BNA_M
ClientSampleId :
RAV-GT-102

Tgt Ion:252 Resp: 234

Ion	Ratio	Lower	Upper
252	100		
253	105.2	18.9	28.3#
125	102.0	10.6	15.8#



#37
Benzo(g,h,i)perylene
Concen: 0.03 ng
RT: 25.878 min Scan# 1670
Delta R.T. -0.000 min
Lab File: BM001381.D
Acq: 22 May 2015 04:16

Tgt Ion:276 Resp: 259

Ion	Ratio	Lower	Upper
276	100		
277	61.4	19.2	28.8#
138	82.8	20.2	30.4#

