

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)

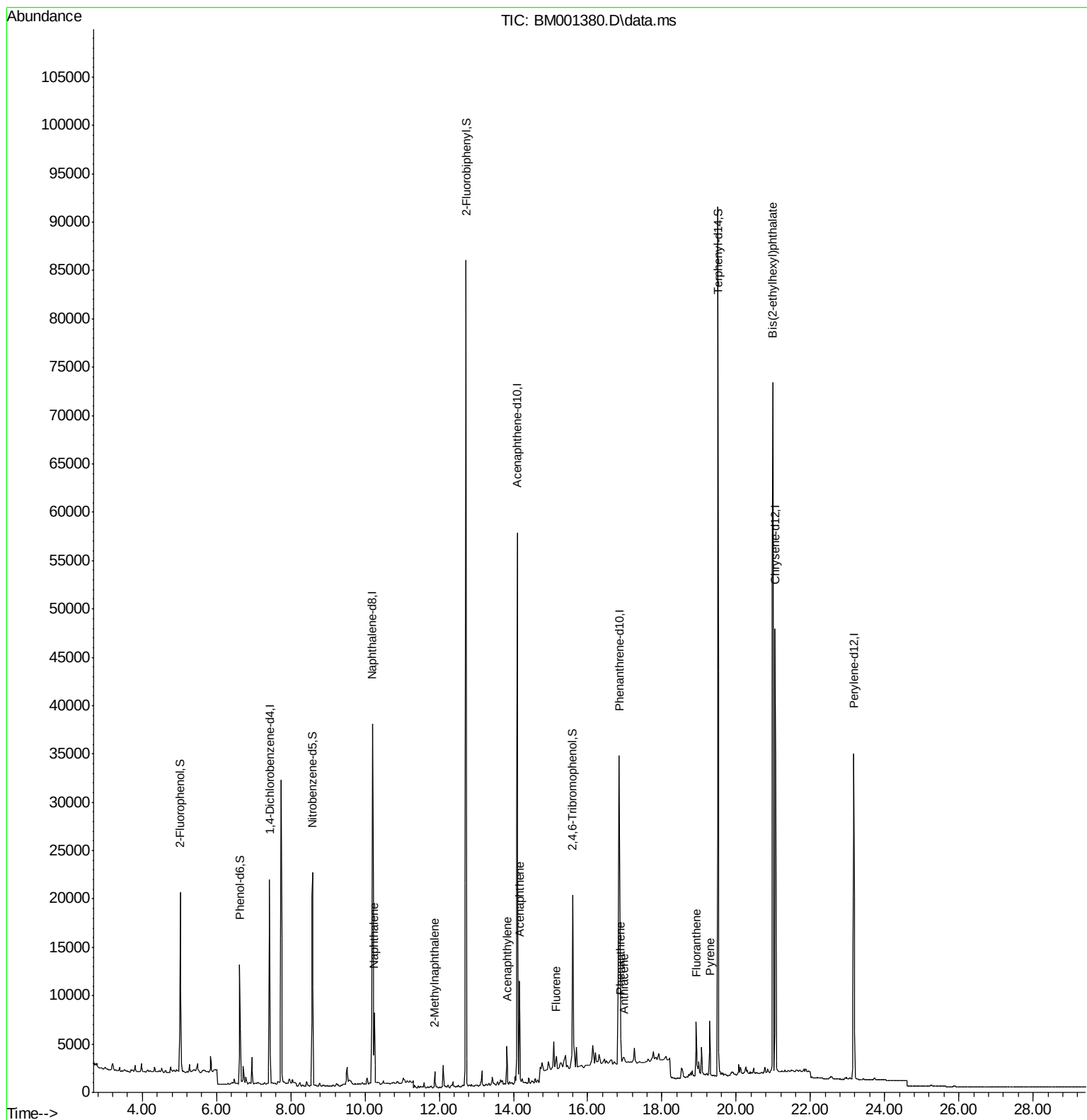
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.432	152	11549	5.00	ng	0.00
6) Naphthalene-d8	10.199	136	51763	5.00	ng	0.00
12) Acenaphthene-d10	14.107	164	31852	5.00	ng	0.00
18) Phenanthrene-d10	16.852	188	66718	5.00	ng	# 0.00
25) Chrysene-d12	21.052	240	53457	5.00	ng	#-0.02
32) Perylene-d12	23.168	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						Qvalue
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	15.153	166	1305m	0.19	ng	
22) Phenanthrene	16.886	178	3698m	0.16	ng	
23) Anthracene	16.988	178	1394m	0.15	ng	
24) Fluoranthene	18.922	202	4681	0.23	ng	# 86
26) Pyrene	19.285	202	5208m	0.32	ng	
30) Bis(2-ethylhexyl)phtha...	20.990	149	89253	9.22	ng	99

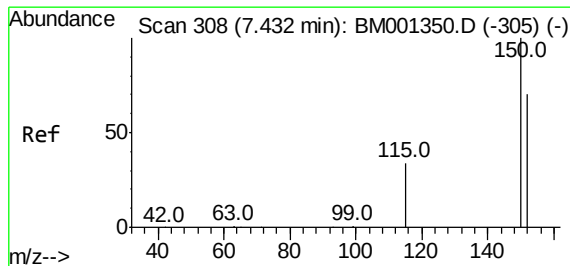
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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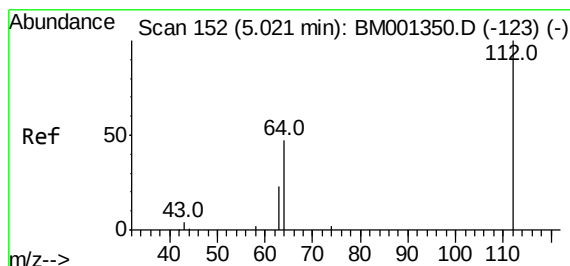
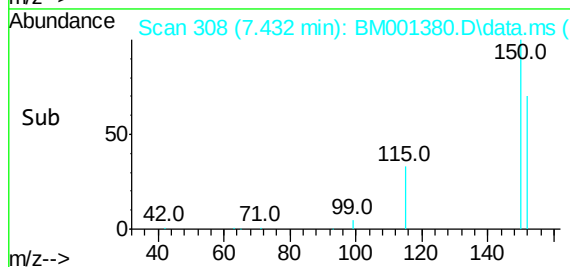
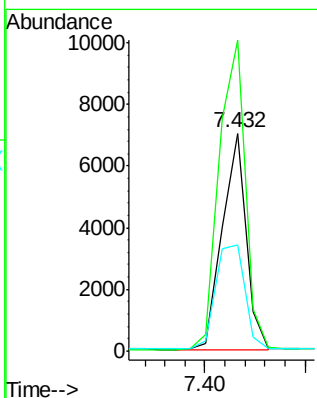
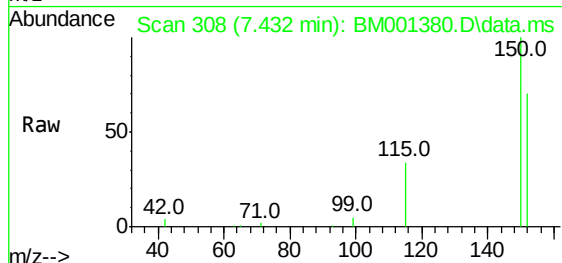




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.432 min Scan# 308
Delta R.T. 0.000 min
Lab File: BM001380.D
Acq: 22 May 2015 03:40

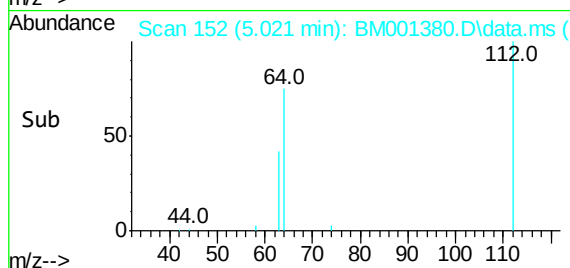
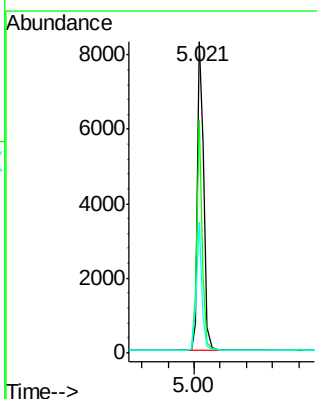
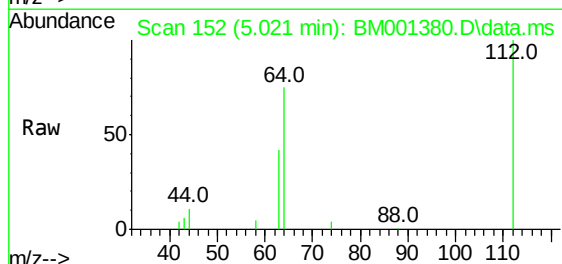
Instrument :
BNA_M
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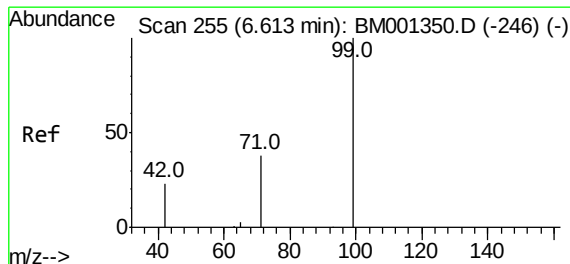
Tgt Ion:152 Resp: 11549
Ion Ratio Lower Upper
152 100
150 142.6 114.1 171.1
115 48.5 39.2 58.8



#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

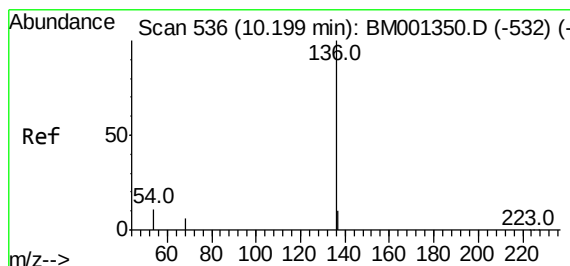
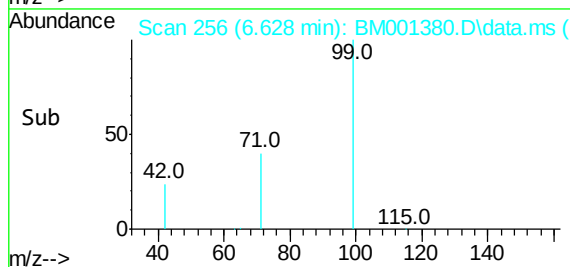
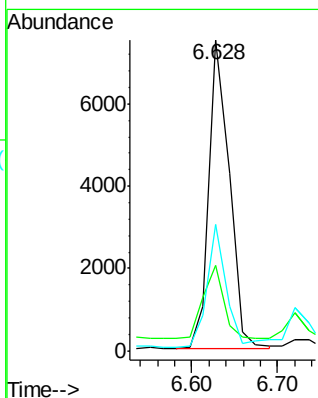
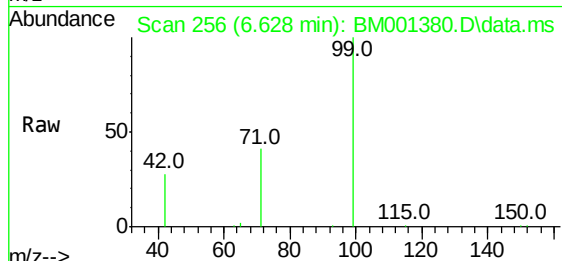




#5
Phenol-d6
Concen: 4.41 ng
RT: 6.628 min Scan# 256
Delta R.T. 0.016 min
Lab File: BM001380.D
Acq: 22 May 2015 03:40

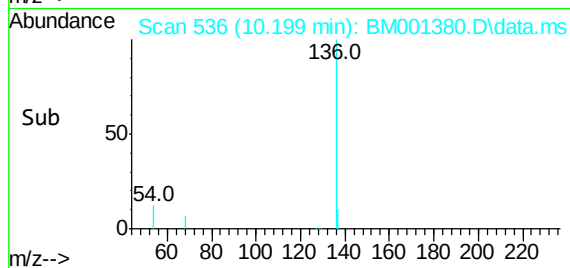
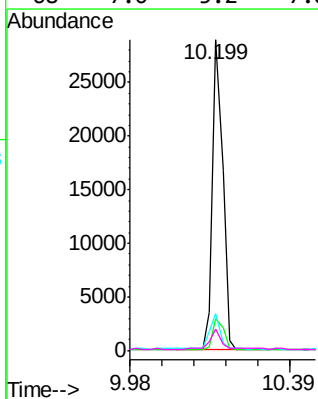
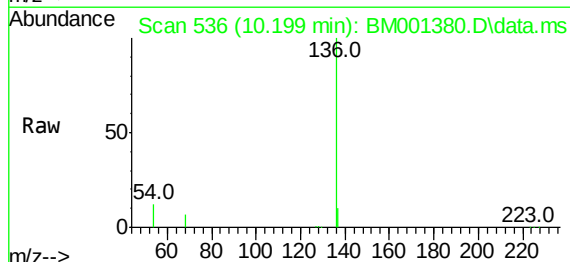
Instrument :
BNA_M
ClientSampleId :
RAV-GT-101

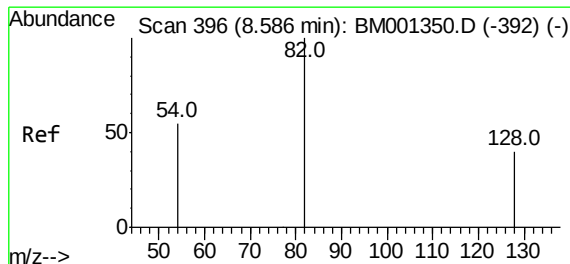
Tgt Ion: 99 Resp: 12321
Ion Ratio Lower Upper
99 100
42 24.5 21.4 32.2
71 37.5 29.0 43.4



#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

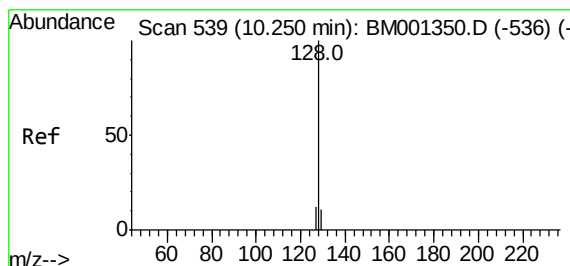
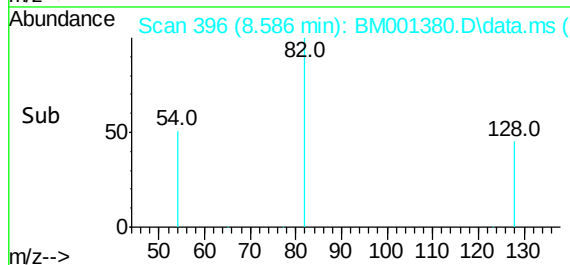
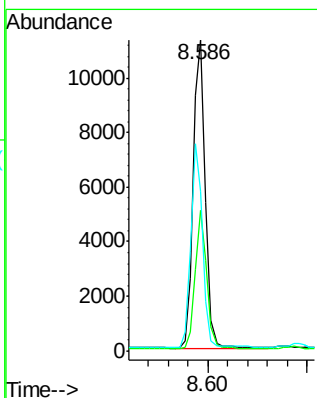
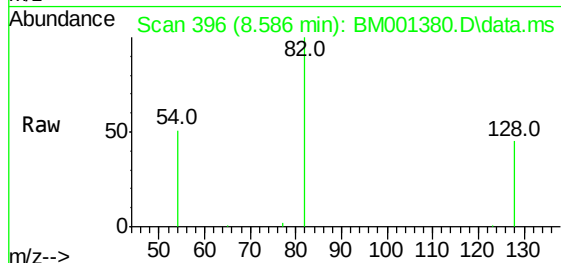




#7
Nitrobenzene-d5
Concen: 6.78 ng
RT: 8.586 min Scan# 396
Delta R.T. 0.000 min
Lab File: BM001380.D
Acq: 22 May 2015 03:40

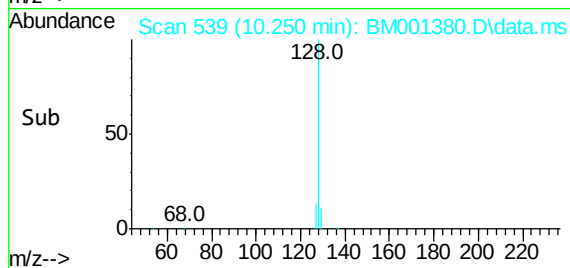
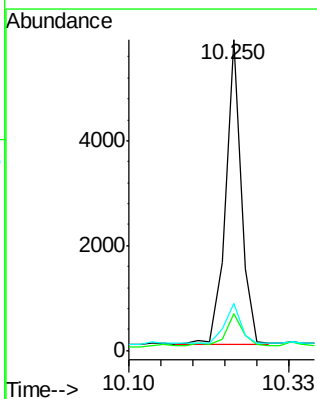
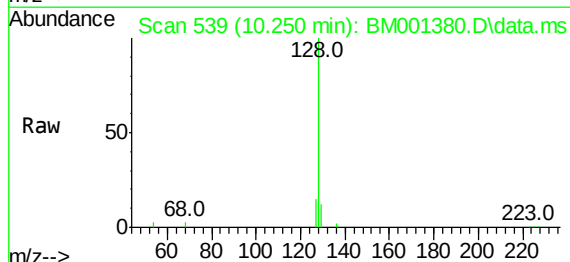
Instrument :
BNA_M
ClientSampleId :
RAV-GT-101

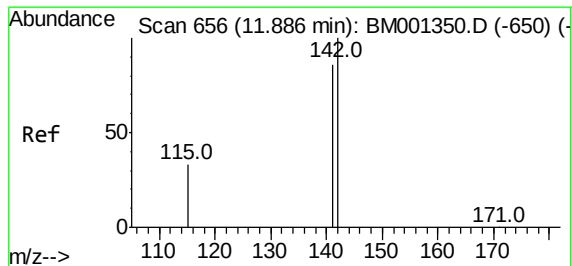
Tgt Ion: 82 Resp: 18939
Ion Ratio Lower Upper
82 100
128 45.3 33.5 50.3
54 51.2 45.1 67.7



#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

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

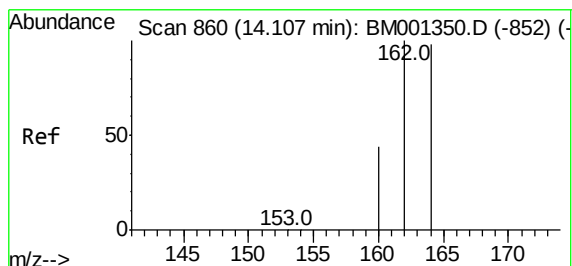
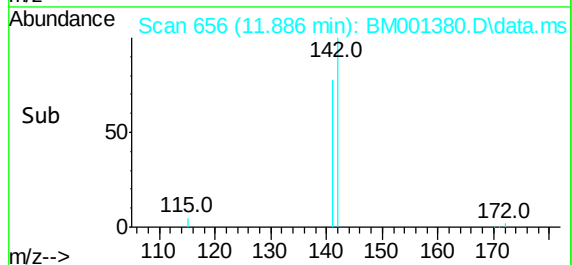
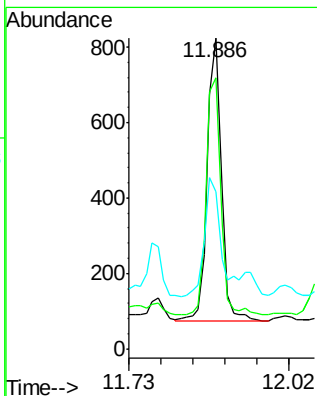
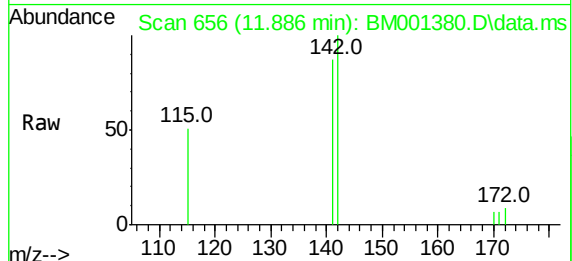




#11
2-Methylnaphthalene
Concen: 0.16 ng
RT: 11.886 min Scan# 656
Delta R.T. 0.000 min
Lab File: BM001380.D
Acq: 22 May 2015 03:40

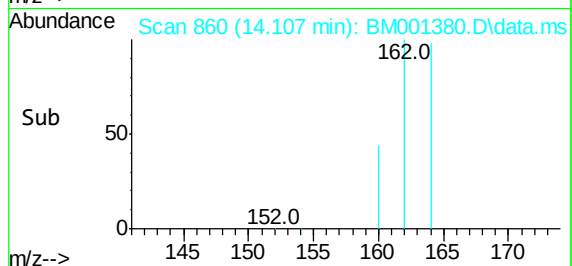
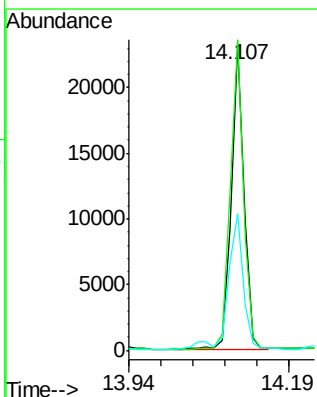
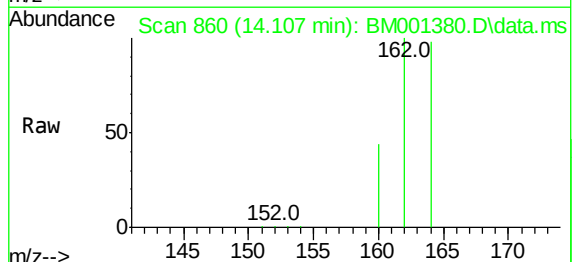
Instrument :
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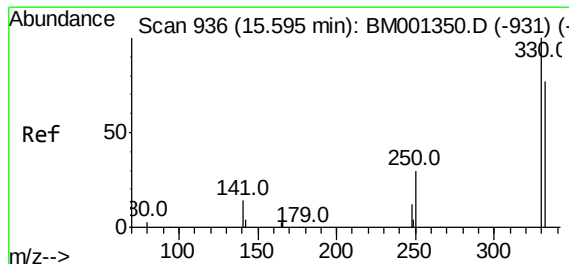
Tgt Ion:142 Resp: 1292
Ion Ratio Lower Upper
142 100
141 87.4 69.0 103.4
115 50.6 27.1 40.7#



#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

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

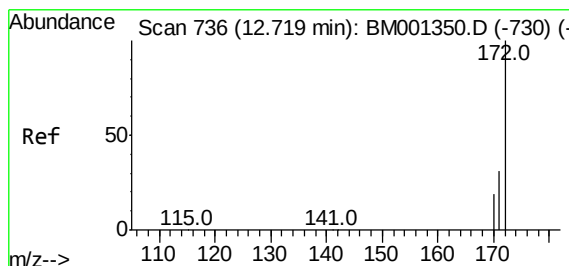
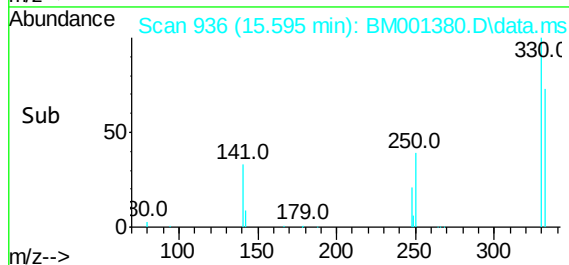
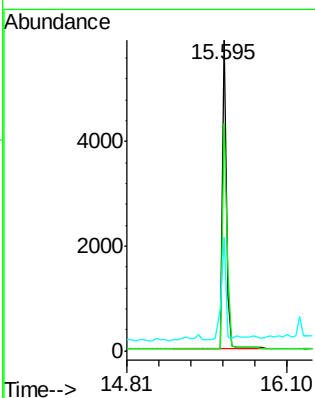
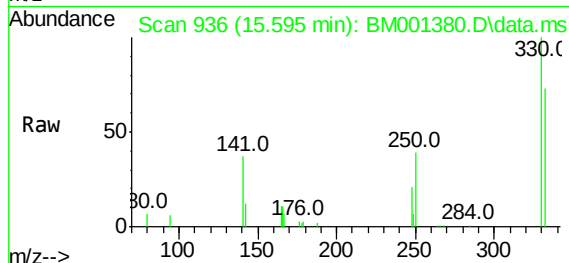




#13
2,4,6-Tribromophenol
Concen: 10.89 ng
RT: 15.595 min Scan# 936
Delta R.T. 0.001 min
Lab File: BM001380.D
Acq: 22 May 2015 03:40

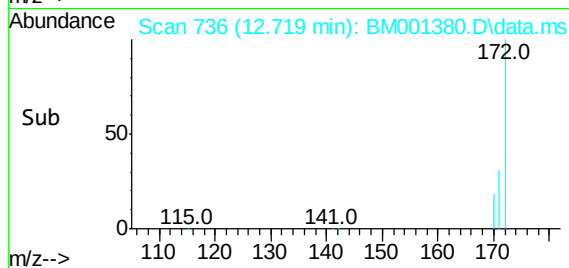
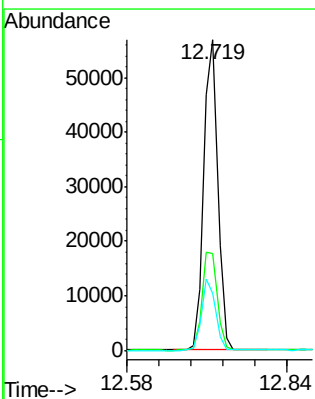
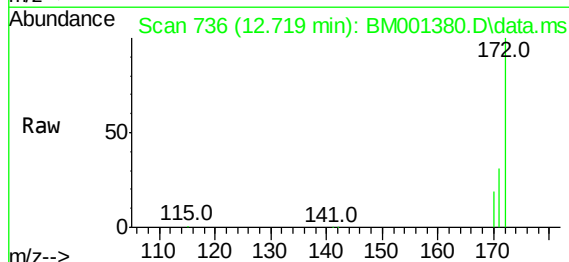
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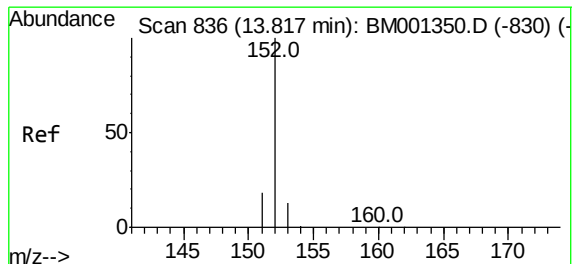
Tgt Ion:	330	Resp:	14429
Ion	Ratio	Lower	Upper
330	100		
332	83.9	65.4	98.2
141	37.4	20.2	30.4#



#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

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

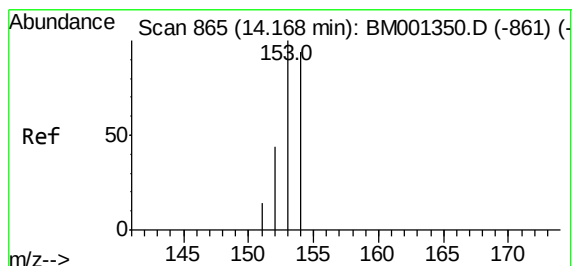
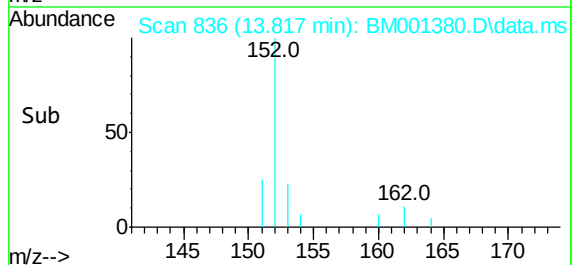
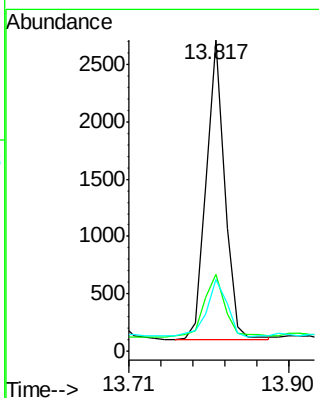
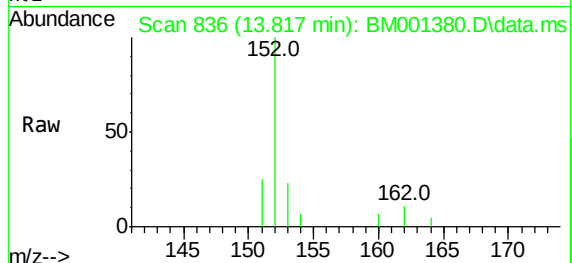




#15
Acenaphthylene
Concen: 0.28 ng
RT: 13.817 min Scan# 836
Delta R.T. 0.000 min
Lab File: BM001380.D
Acq: 22 May 2015 03:40

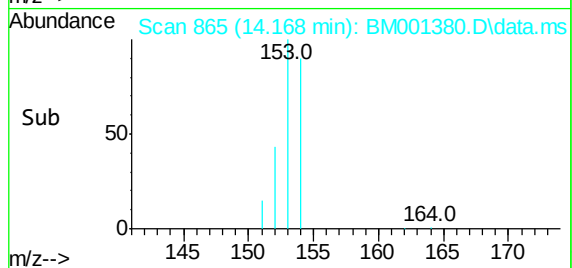
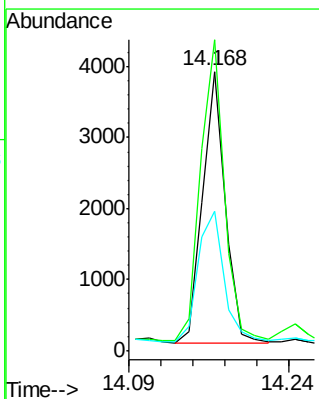
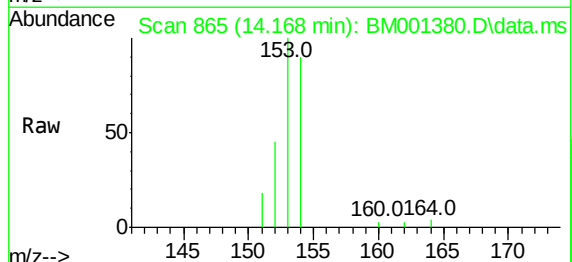
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ClientSampleId :
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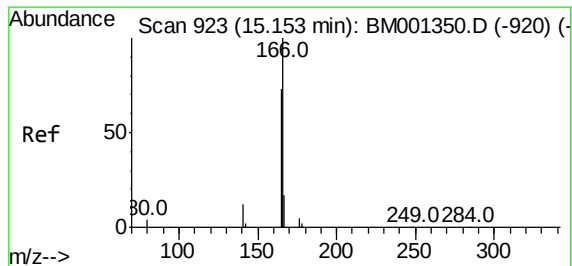
Tgt Ion:152 Resp: 3808
Ion Ratio Lower Upper
152 100
151 22.5 15.3 22.9
153 20.8 10.3 15.5#



#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

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

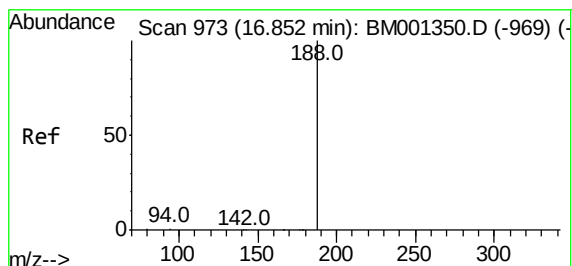
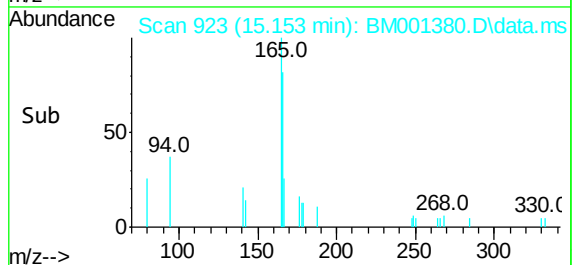
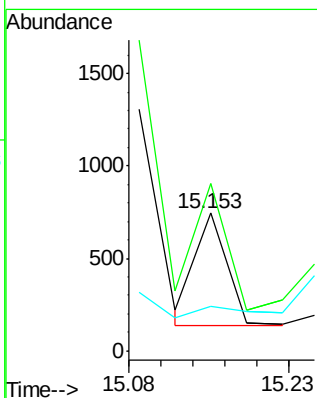
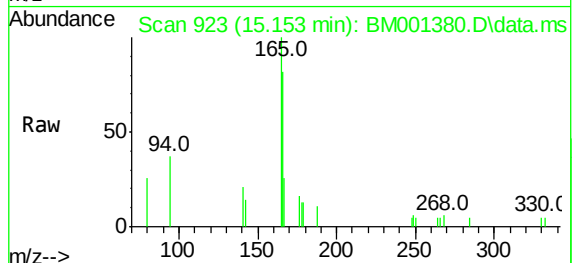




#17
Fluorene
Concen: 0.19 ng m
RT: 15.153 min Scan# 923
Delta R.T. 0.000 min
Lab File: BM001380.D
Acq: 22 May 2015 03:40

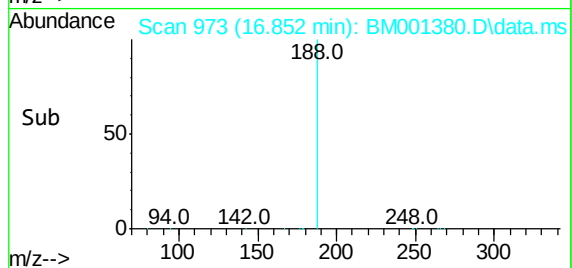
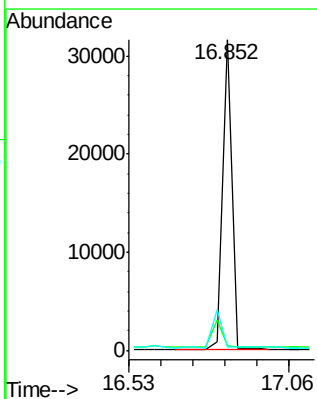
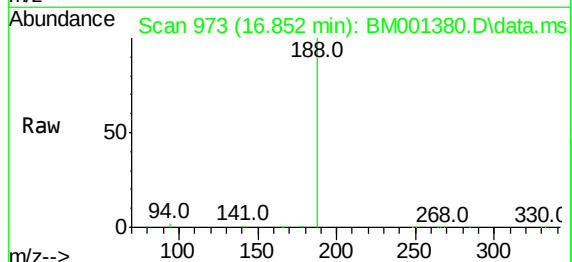
Instrument :
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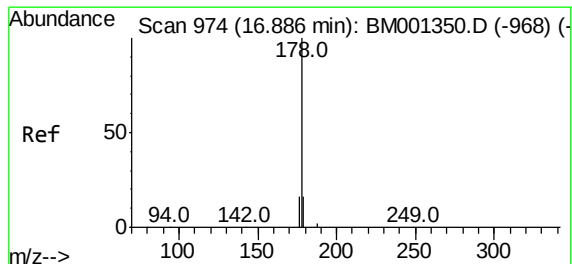
Tgt Ion:166 Resp: 1305
Ion Ratio Lower Upper
166 100
165 413.0 72.5 108.7#
167 129.2 16.0 24.0#



#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

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#

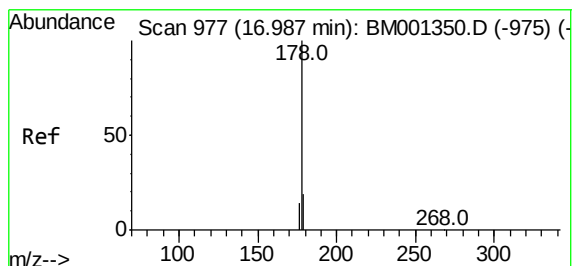
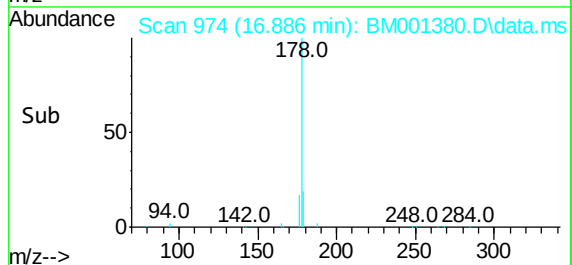
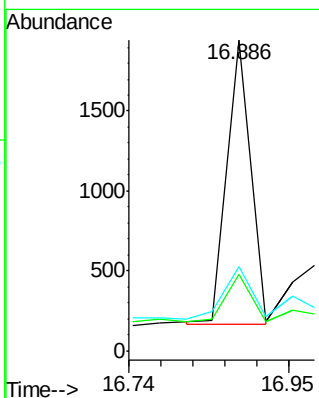
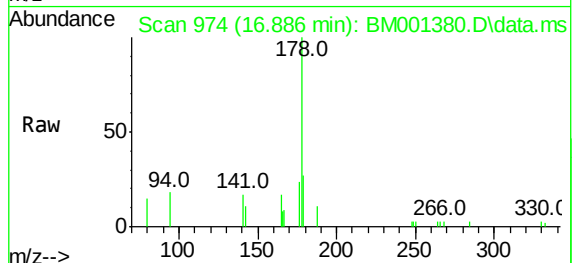




#22
Phenanthrene
Concen: 0.16 ng m
RT: 16.886 min Scan# 974
Delta R.T. 0.000 min
Lab File: BM001380.D
Acq: 22 May 2015 03:40

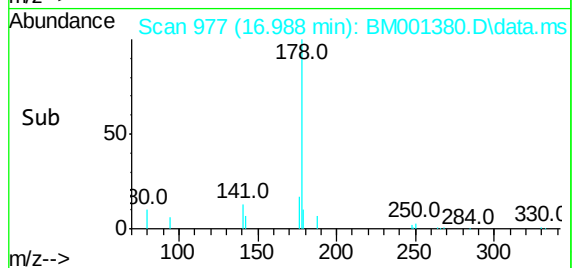
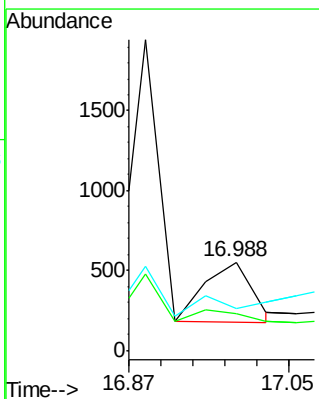
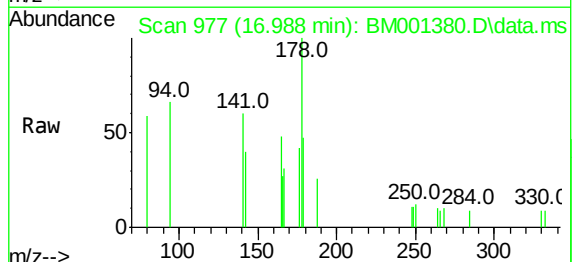
Instrument :
BNA_M
ClientSampleId :
RAV-GT-101

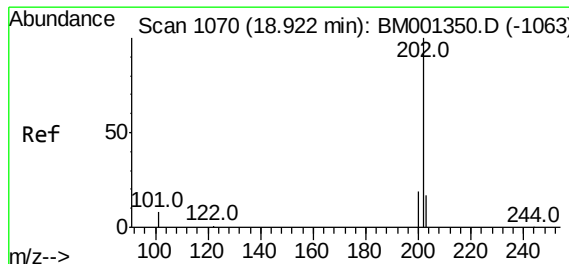
Tgt Ion:178 Resp: 3698
Ion Ratio Lower Upper
178 100
176 29.1 16.6 25.0#
179 31.7 12.8 19.2#



#23
Anthracene
Concen: 0.15 ng m
RT: 16.988 min Scan# 977
Delta R.T. 0.000 min
Lab File: BM001380.D
Acq: 22 May 2015 03:40

Tgt Ion:178 Resp: 1394
Ion Ratio Lower Upper
178 100
176 75.8 46.1 69.1#
179 91.2 35.4 53.0#

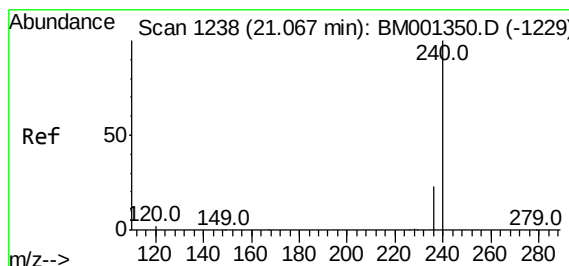
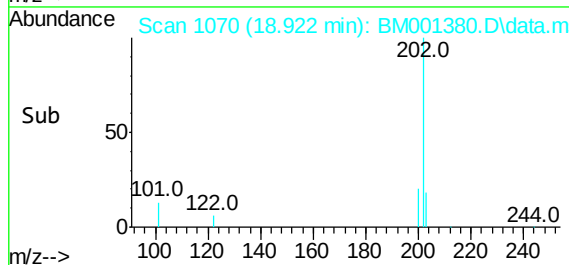
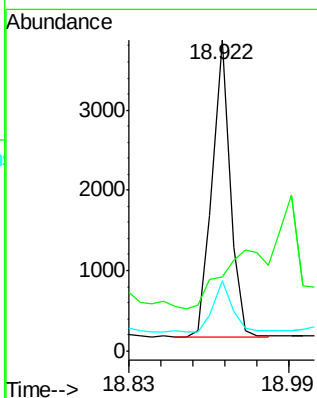
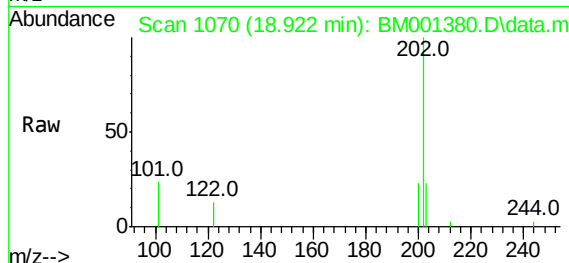




#24
Fluoranthene
Concen: 0.23 ng
RT: 18.922 min Scan# 1070
Delta R.T. 0.000 min
Lab File: BM001380.D
Acq: 22 May 2015 03:40

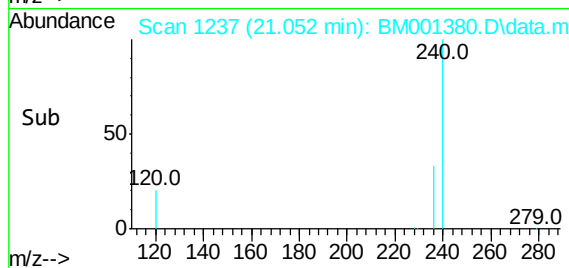
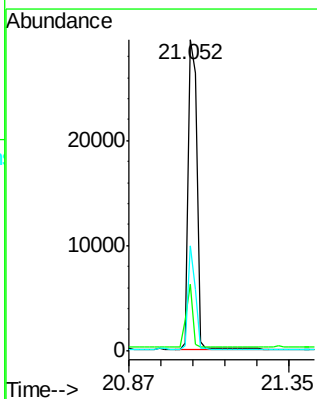
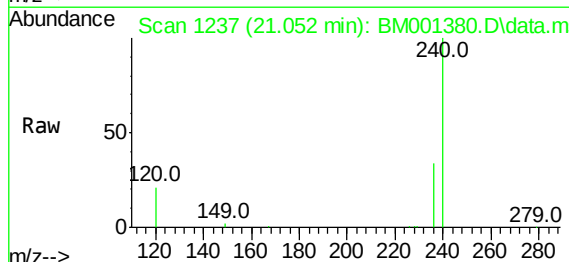
Instrument :
BNA_M
ClientSampleId :
RAV-GT-101

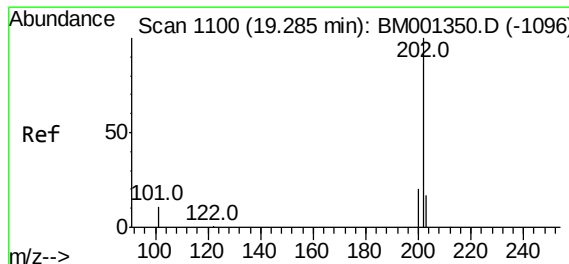
Tgt Ion:	202	Resp:	4681
Ion	Ratio	Lower	Upper
202	100		
101	0.0	8.7	13.1#
203	18.9	13.8	20.6



#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#

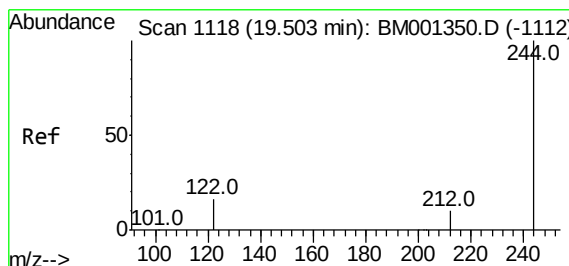
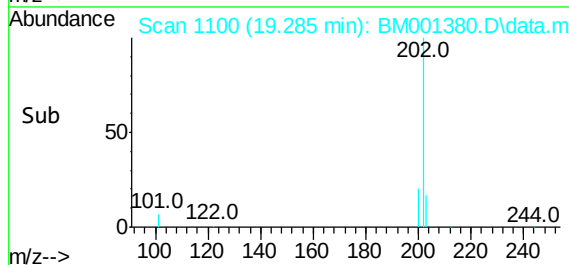
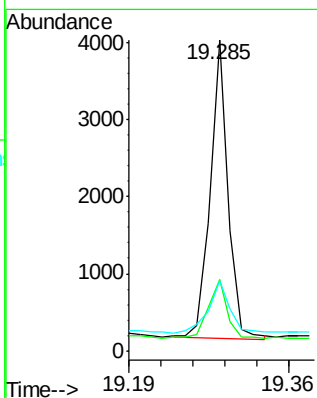
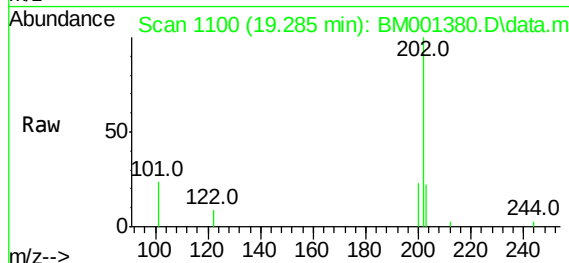




#26
Pyrene
Concen: 0.32 ng m
RT: 19.285 min Scan# 1100
Delta R.T. 0.000 min
Lab File: BM001380.D
Acq: 22 May 2015 03:40

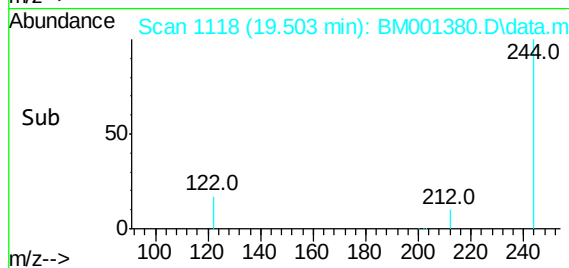
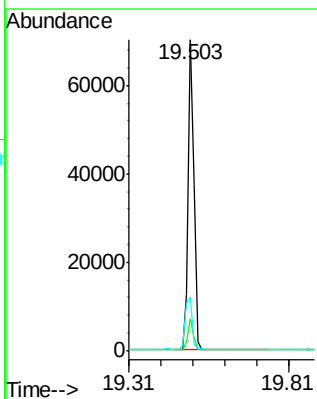
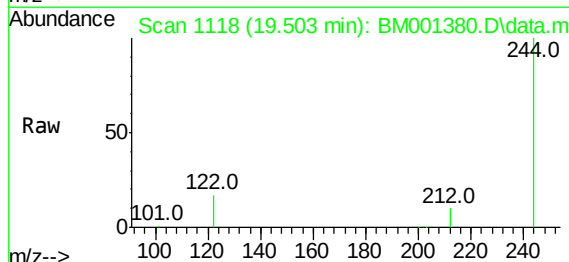
Instrument :
BNA_M
ClientSampleId :
RAV-GT-101

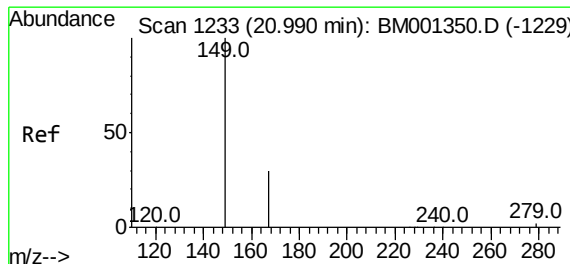
Tgt Ion:	202	Resp:	5208
Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.2	24.4
203	17.3	13.9	20.9



#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

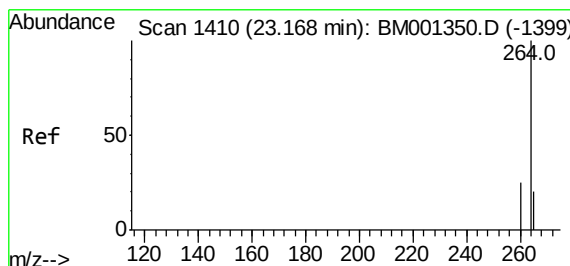
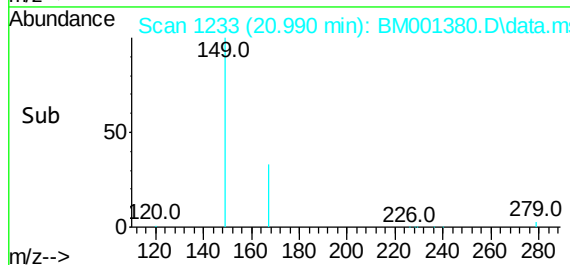
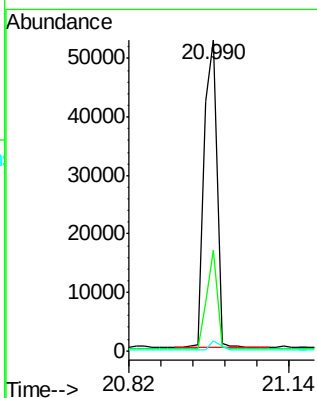
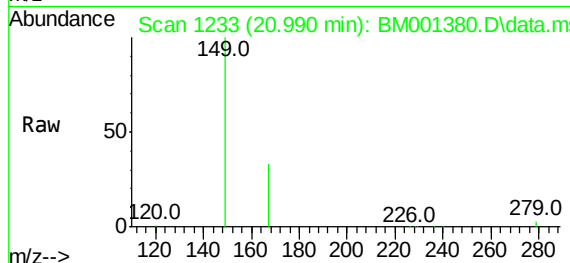




#30
Bis(2-ethylhexyl)phthalate
Concen: 9.22 ng
RT: 20.990 min Scan# 1233
Delta R.T. 0.001 min
Lab File: BM001380.D
Acq: 22 May 2015 03:40

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

