

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)

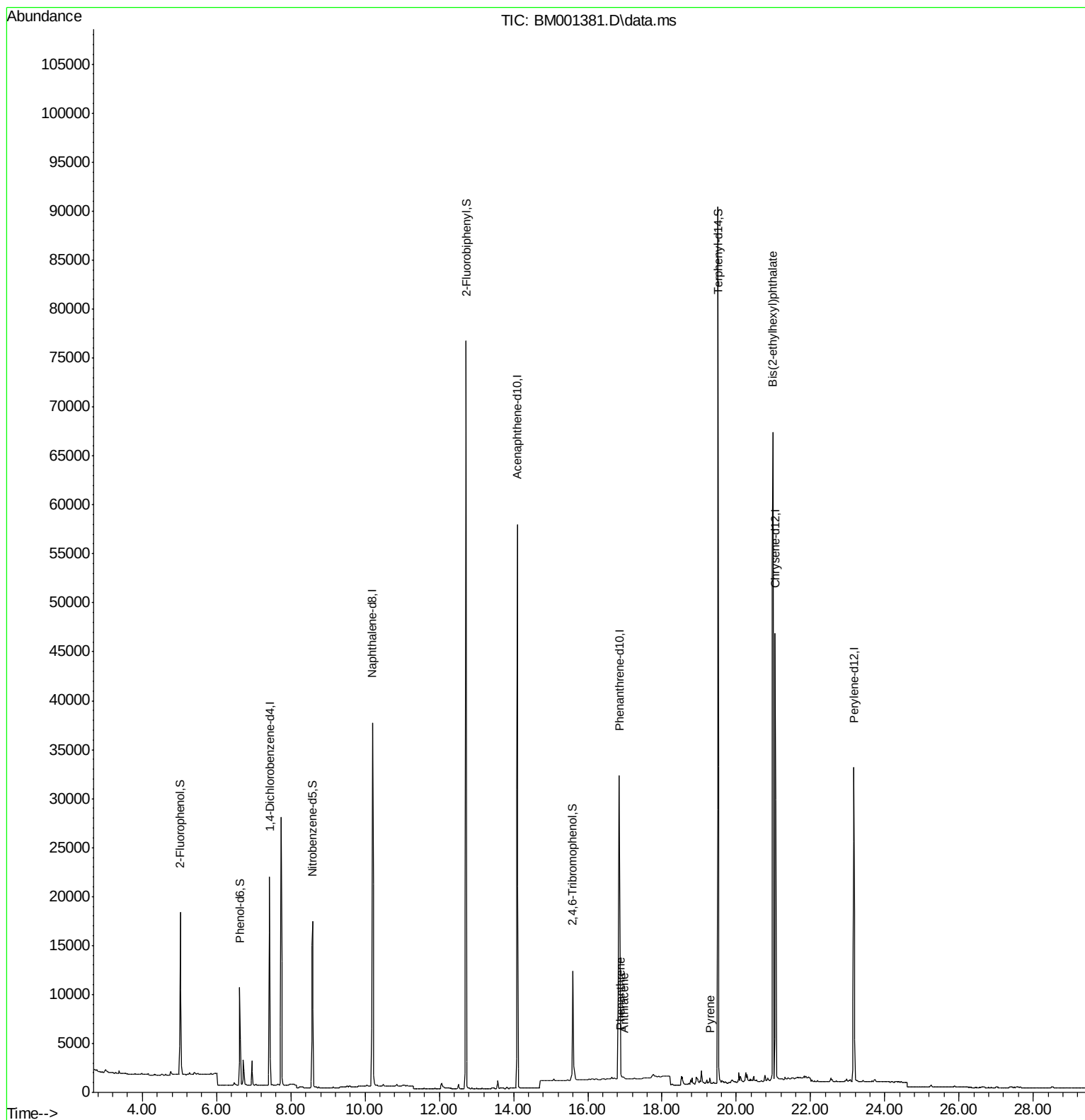
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.432	152	11703	5.00	ng	0.00
6) Naphthalene-d8	10.199	136	52437	5.00	ng	0.00
12) Acenaphthene-d10	14.107	164	32500	5.00	ng	0.00
18) Phenanthrene-d10	16.851	188	65465	5.00	ng	0.00
25) Chrysene-d12	21.051	240	51329	5.00	ng	#-0.02
32) Perylene-d12	23.167	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						
22) Phenanthrene	16.885	178	524m	0.02	ng	Qvalue
23) Anthracene	16.987	178	228m	0.03	ng	
26) Pyrene	19.285	202	545	0.03	ng	# 92
30) Bis(2-ethylhexyl)phtha...	20.989	149	87265	9.39	ng	99

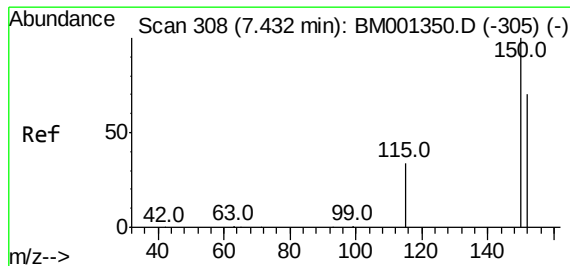
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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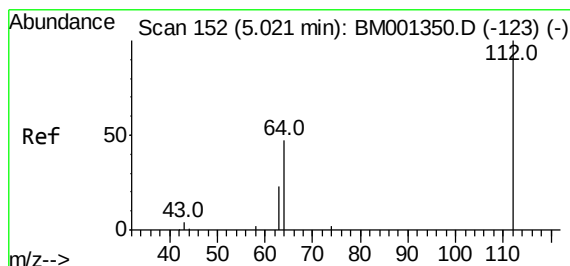
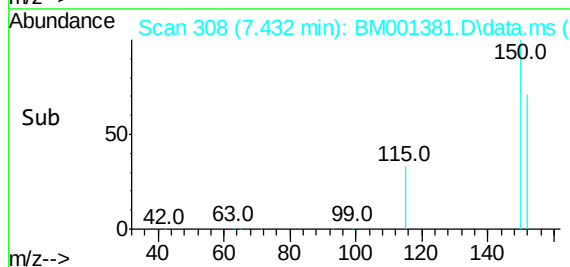
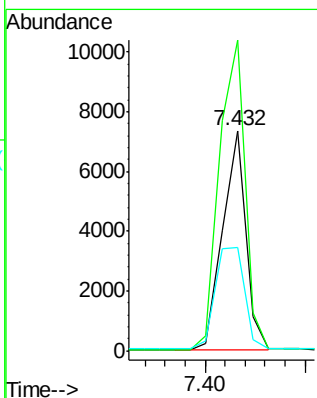
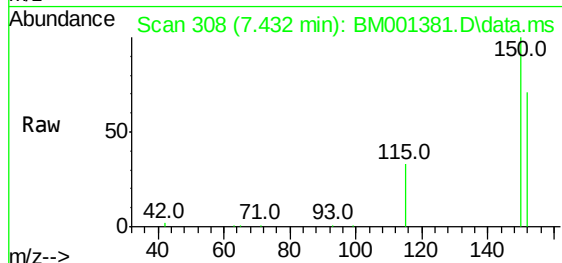




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.432 min Scan# 308
Delta R.T. -0.000 min
Lab File: BM001381.D
Acq: 22 May 2015 04:16

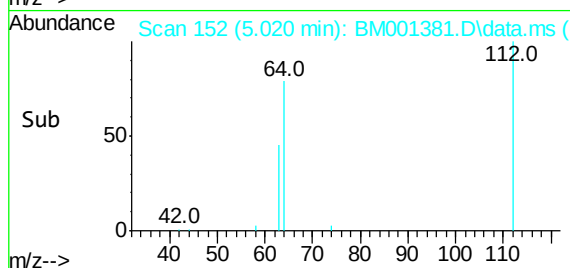
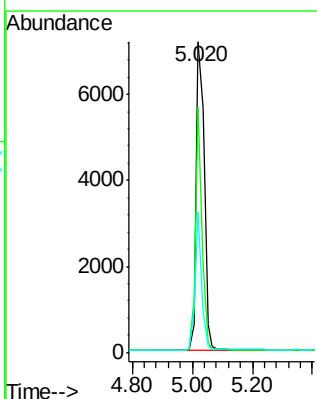
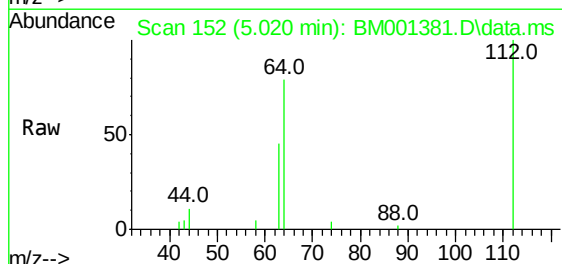
Instrument :
BNA_M
ClientSampleId :
RAV-GT-102

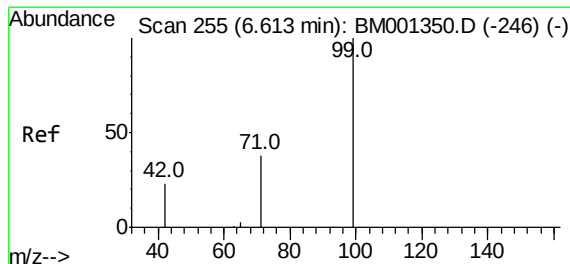
Tgt Ion:152 Resp: 11703
Ion Ratio Lower Upper
152 100
150 141.1 114.1 171.1
115 47.2 39.2 58.8



#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

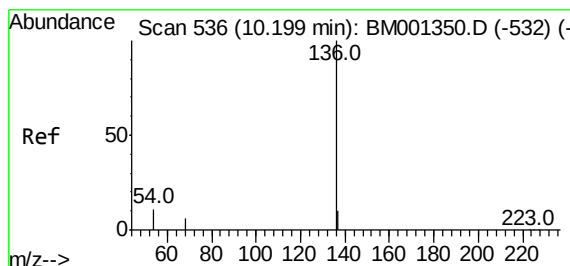
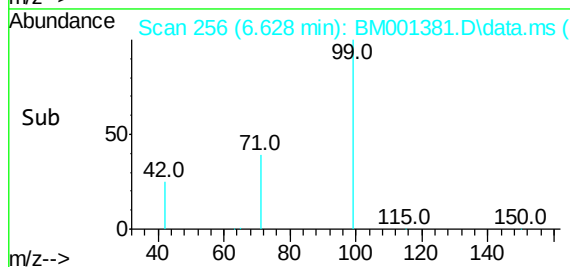
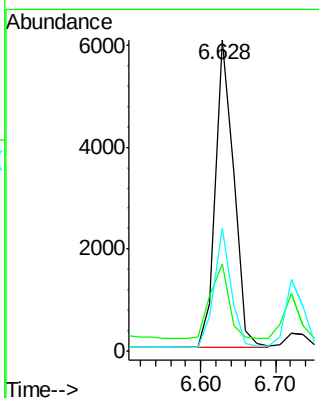
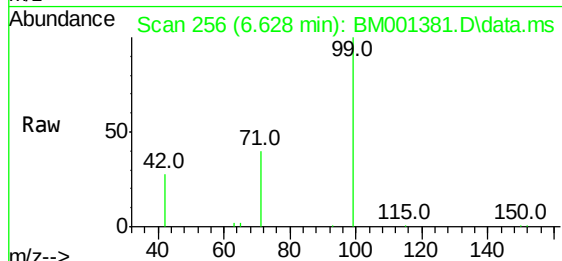




#5
Phenol-d6
Concen: 3.56 ng
RT: 6.628 min Scan# 256
Delta R.T. 0.015 min
Lab File: BM001381.D
Acq: 22 May 2015 04:16

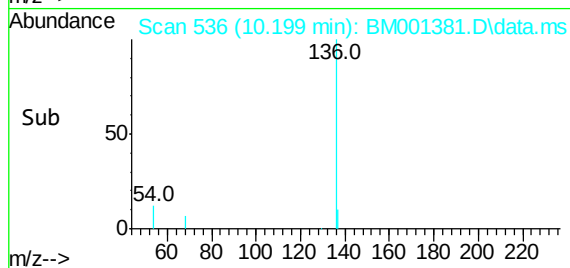
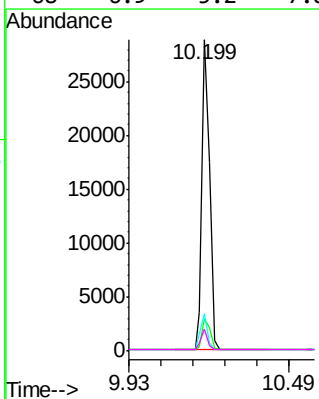
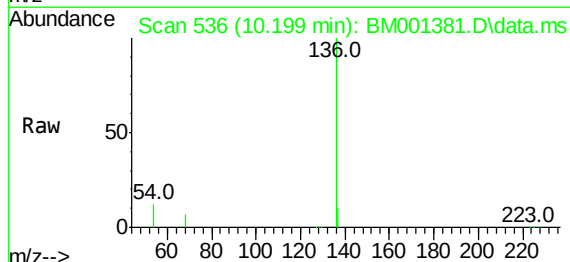
Instrument :
BNA_M
ClientSampleId :
RAV-GT-102

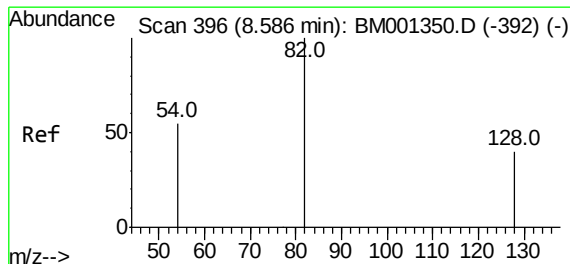
Tgt Ion: 99 Resp: 10068
Ion Ratio Lower Upper
99 100
42 24.6 21.4 32.2
71 35.9 29.0 43.4



#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

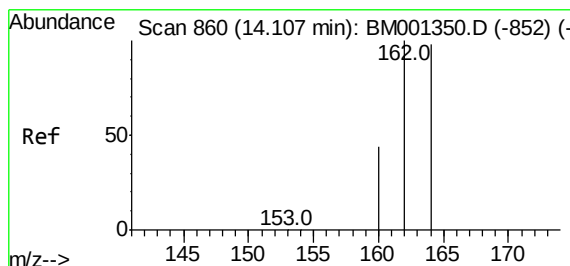
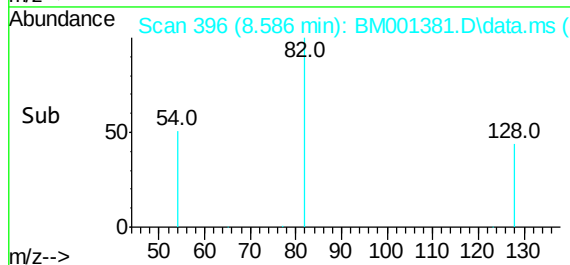
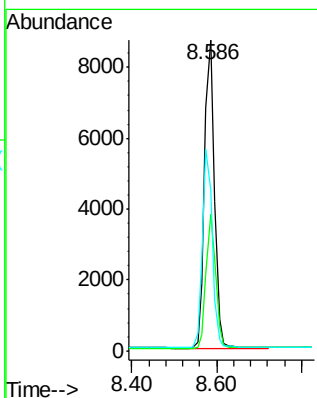
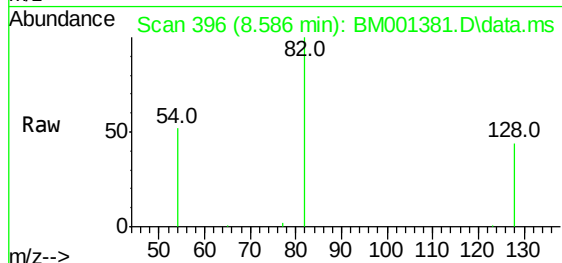




#7
Nitrobenzene-d5
Concen: 5.04 ng
RT: 8.586 min Scan# 396
Delta R.T. -0.000 min
Lab File: BM001381.D
Acq: 22 May 2015 04:16

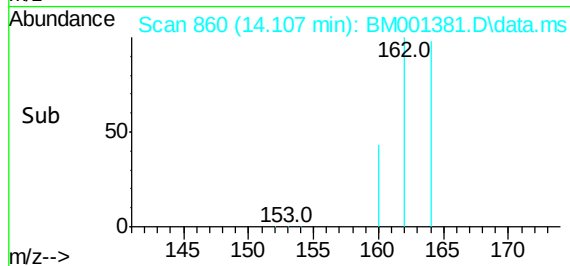
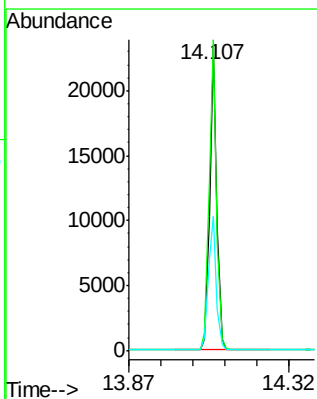
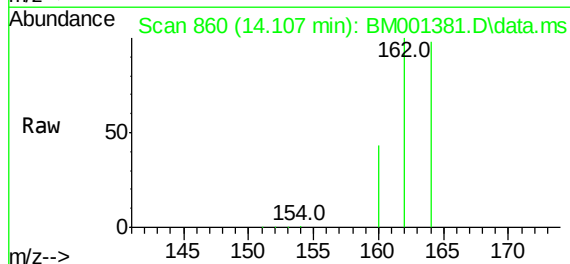
Instrument :
BNA_M
ClientSampleId :
RAV-GT-102

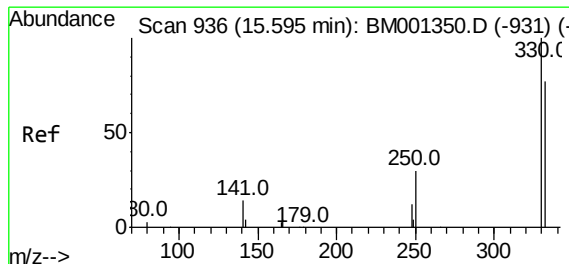
Tgt Ion: 82 Resp: 14262
Ion Ratio Lower Upper
82 100
128 43.9 33.5 50.3
54 52.0 45.1 67.7



#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

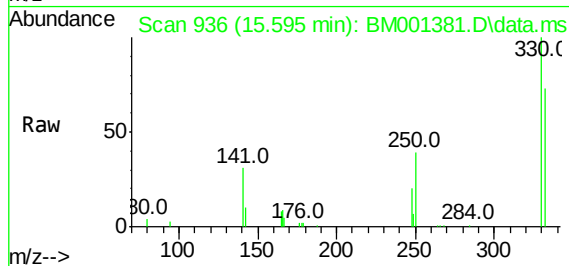
Tgt Ion: 164 Resp: 32500
Ion Ratio Lower Upper
164 100
162 102.1 81.8 122.8
160 44.1 35.8 53.8





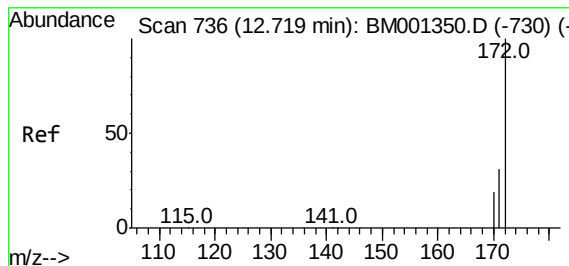
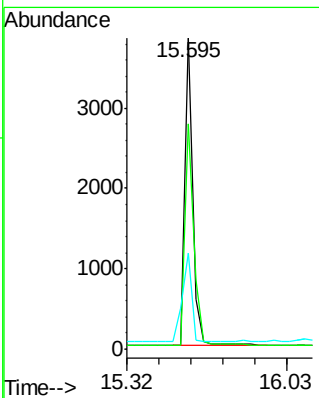
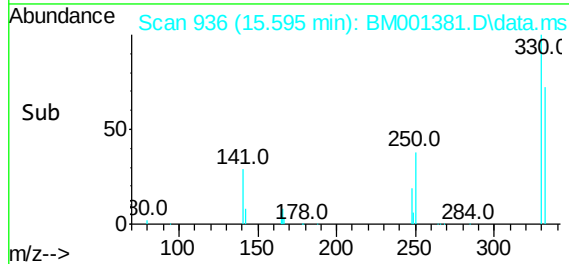
#13
 2,4,6-Tribromophenol
 Concen: 6.86 ng
 RT: 15.595 min Scan# 936
 Delta R.T. 0.001 min
 Lab File: BM001381.D
 Acq: 22 May 2015 04:16

Instrument :
 BNA_M
 ClientSampleId :
 RAV-GT-102

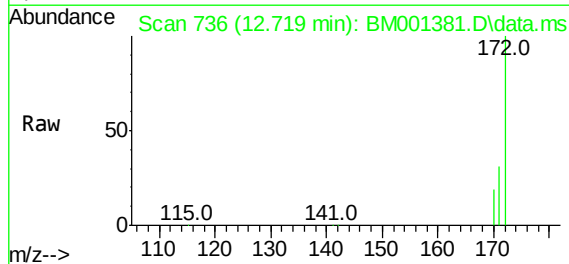


Tgt Ion: 330 Resp: 9224

Ion	Ratio	Lower	Upper
330	100		
332	81.5	65.4	98.2
141	35.2	20.2	30.4#

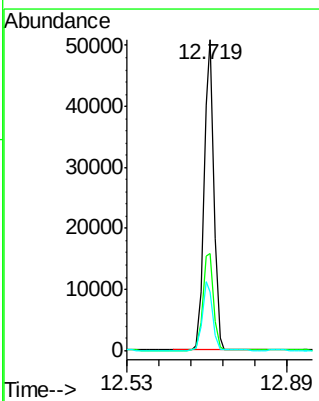
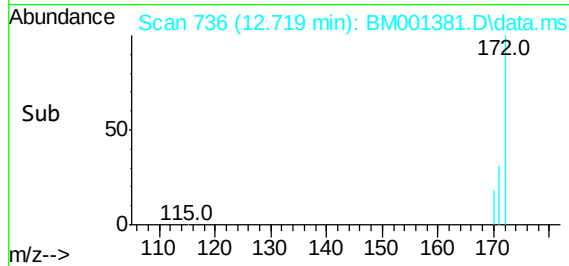


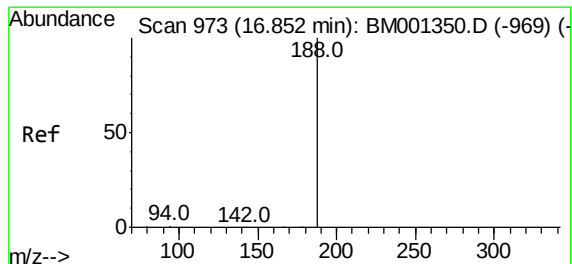
#14
 2-Fluorobiphenyl
 Concen: 7.86 ng
 RT: 12.719 min Scan# 736
 Delta R.T. -0.000 min
 Lab File: BM001381.D
 Acq: 22 May 2015 04:16



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

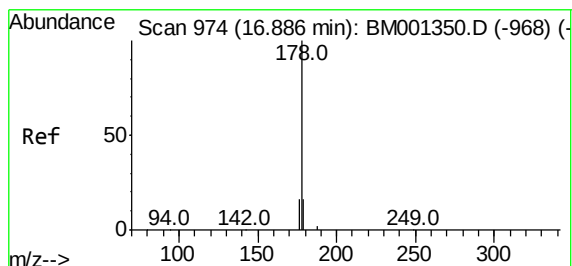
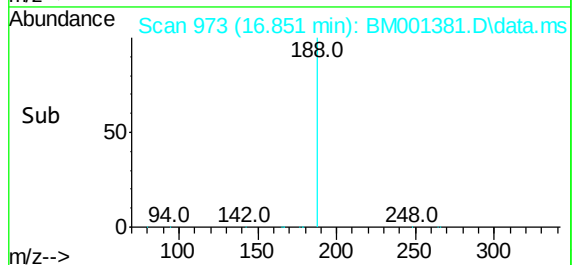
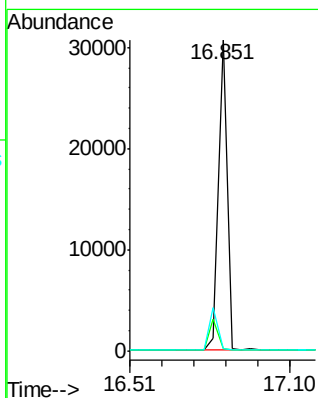
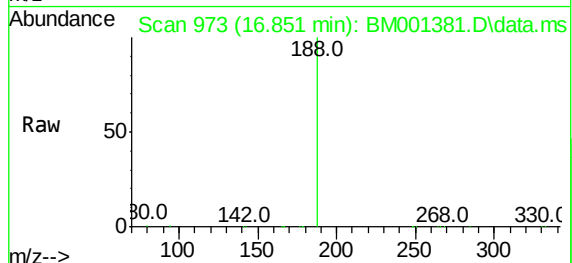




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.851 min Scan# 973
Delta R.T. -0.000 min
Lab File: BM001381.D
Acq: 22 May 2015 04:16

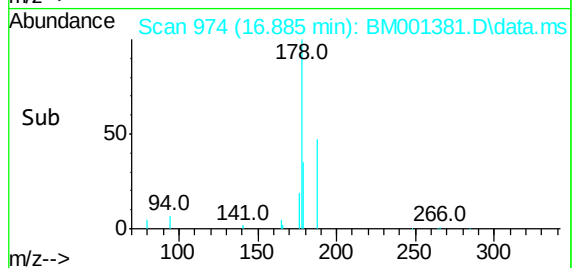
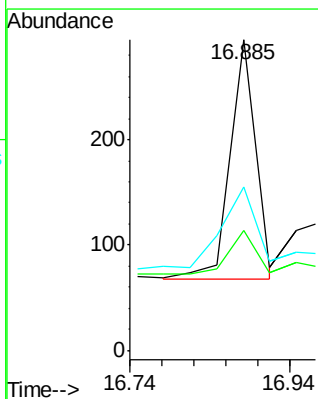
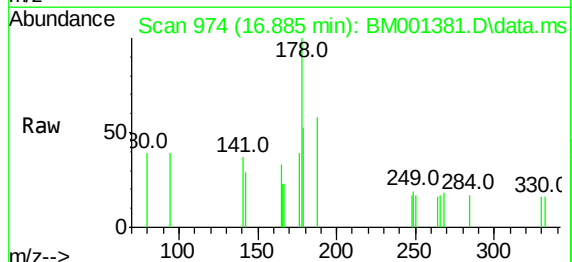
Instrument :
BNA_M
ClientSampleId :
RAV-GT-102

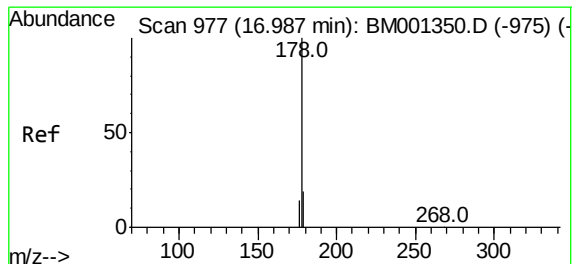
Tgt Ion:188 Resp: 65465
Ion Ratio Lower Upper
188 100
94 0.8 0.6 1.0
80 0.7 0.6 0.8



#22
Phenanthrene
Concen: 0.02 ng m
RT: 16.885 min Scan# 974
Delta R.T. -0.000 min
Lab File: BM001381.D
Acq: 22 May 2015 04:16

Tgt Ion:178 Resp: 524
Ion Ratio Lower Upper
178 100
176 28.6 16.6 25.0#
179 90.3 12.8 19.2#

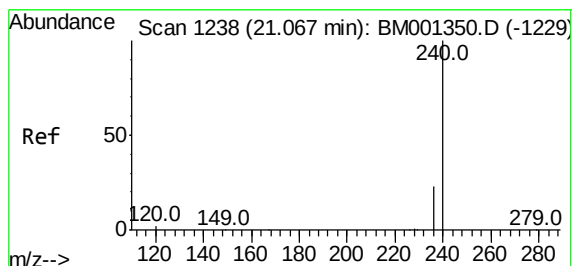
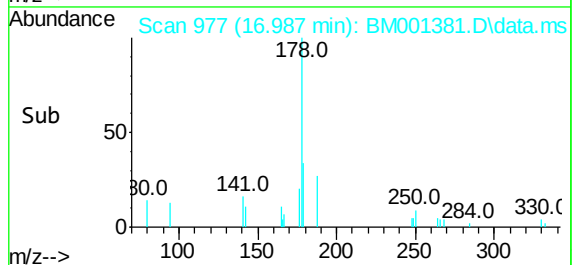
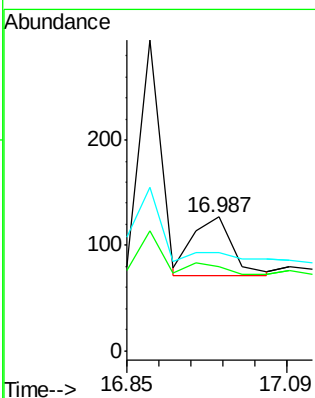
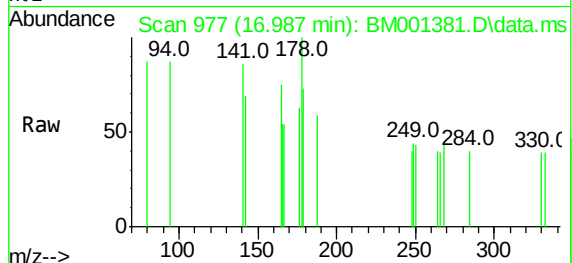




#23
 Anthracene
 Concen: 0.03 ng m
 RT: 16.987 min Scan# 977
 Delta R.T. -0.000 min
 Lab File: BM001381.D
 Acq: 22 May 2015 04:16

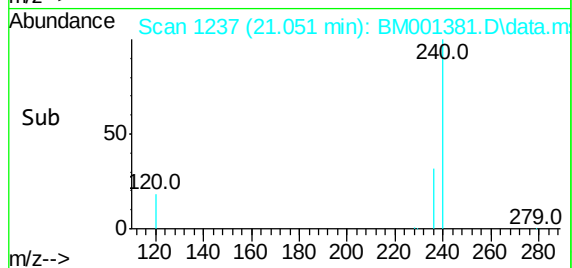
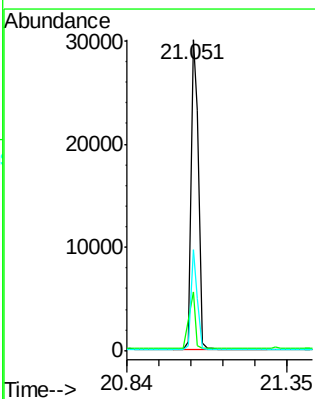
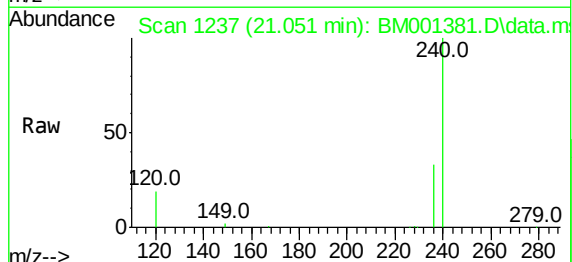
Instrument :
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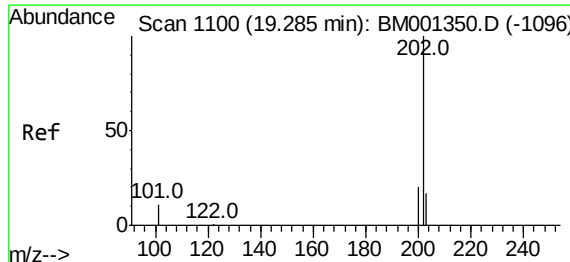
Tgt Ion:178 Resp: 228
 Ion Ratio Lower Upper
 178 100
 176 65.8 46.1 69.1
 179 207.5 35.4 53.0#



#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#

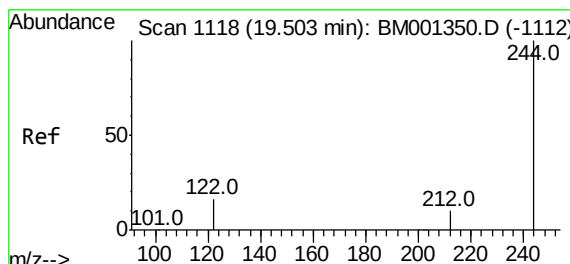
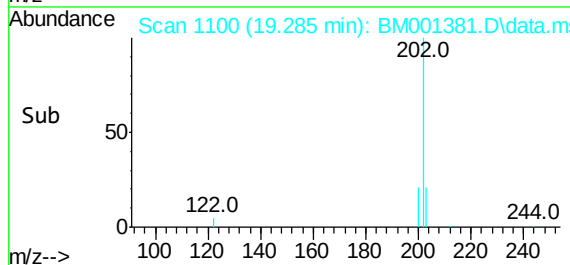
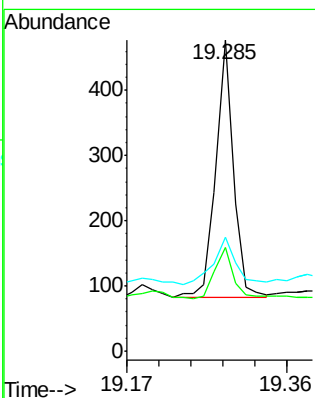
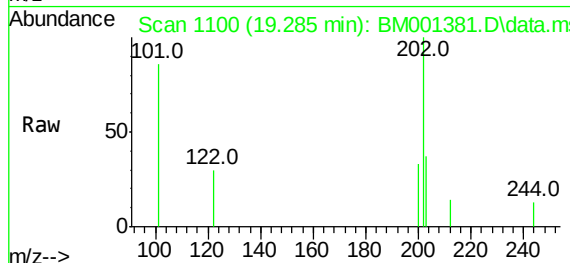




#26
Pyrene
Concen: 0.03 ng
RT: 19.285 min Scan# 1100
Delta R.T. -0.000 min
Lab File: BM001381.D
Acq: 22 May 2015 04:16

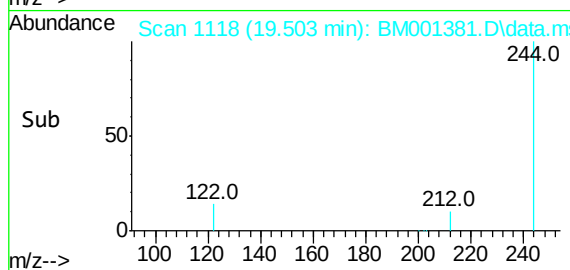
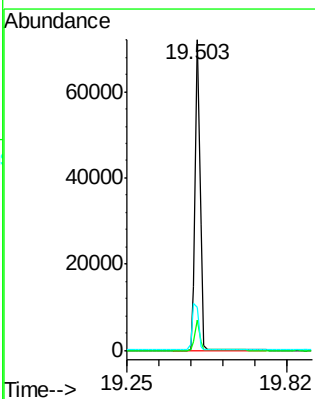
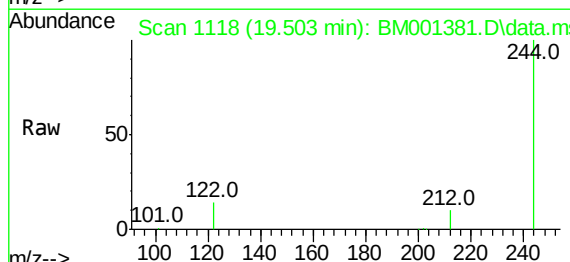
Instrument :
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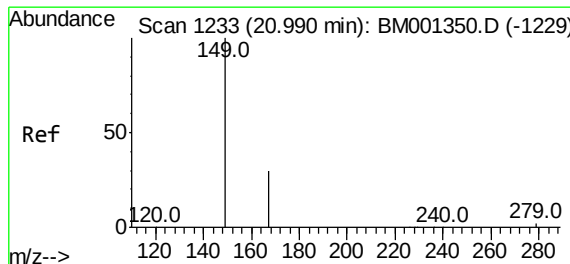
Tgt Ion:	202	Resp:	545
Ion Ratio	Lower	Upper	
202	100		
200	20.9	16.2	24.4
203	24.6	13.9	20.9#



#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

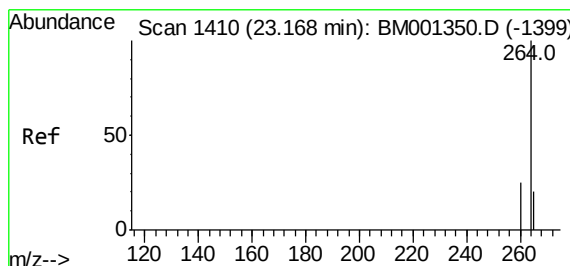
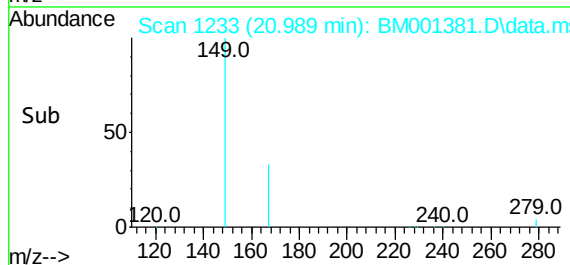
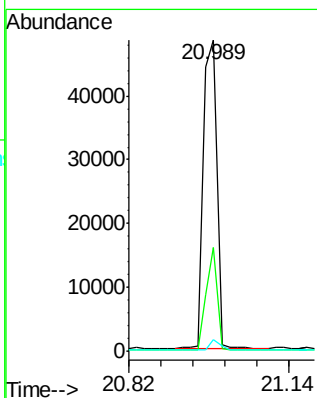
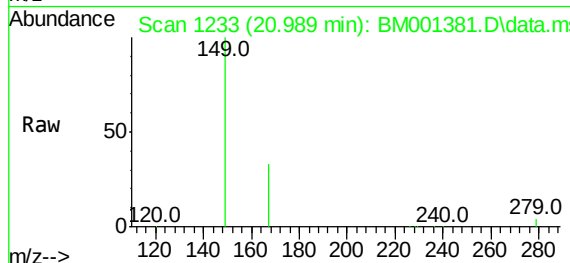




#30
 Bis(2-ethylhexyl)phthalate
 Concen: 9.39 ng
 RT: 20.989 min Scan# 1233
 Delta R.T. 0.000 min
 Lab File: BM001381.D
 Acq: 22 May 2015 04:16

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

