

Data Path : Z:\HPCHEM1\BNA_M\Data\BM052015\
 Data File : BM001368.D
 Acq On : 21 May 2015 20:32
 Operator : TP/IZ
 Sample : G2255-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 KY024MW068-150512

Quant Time: May 22 05:29:24 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)

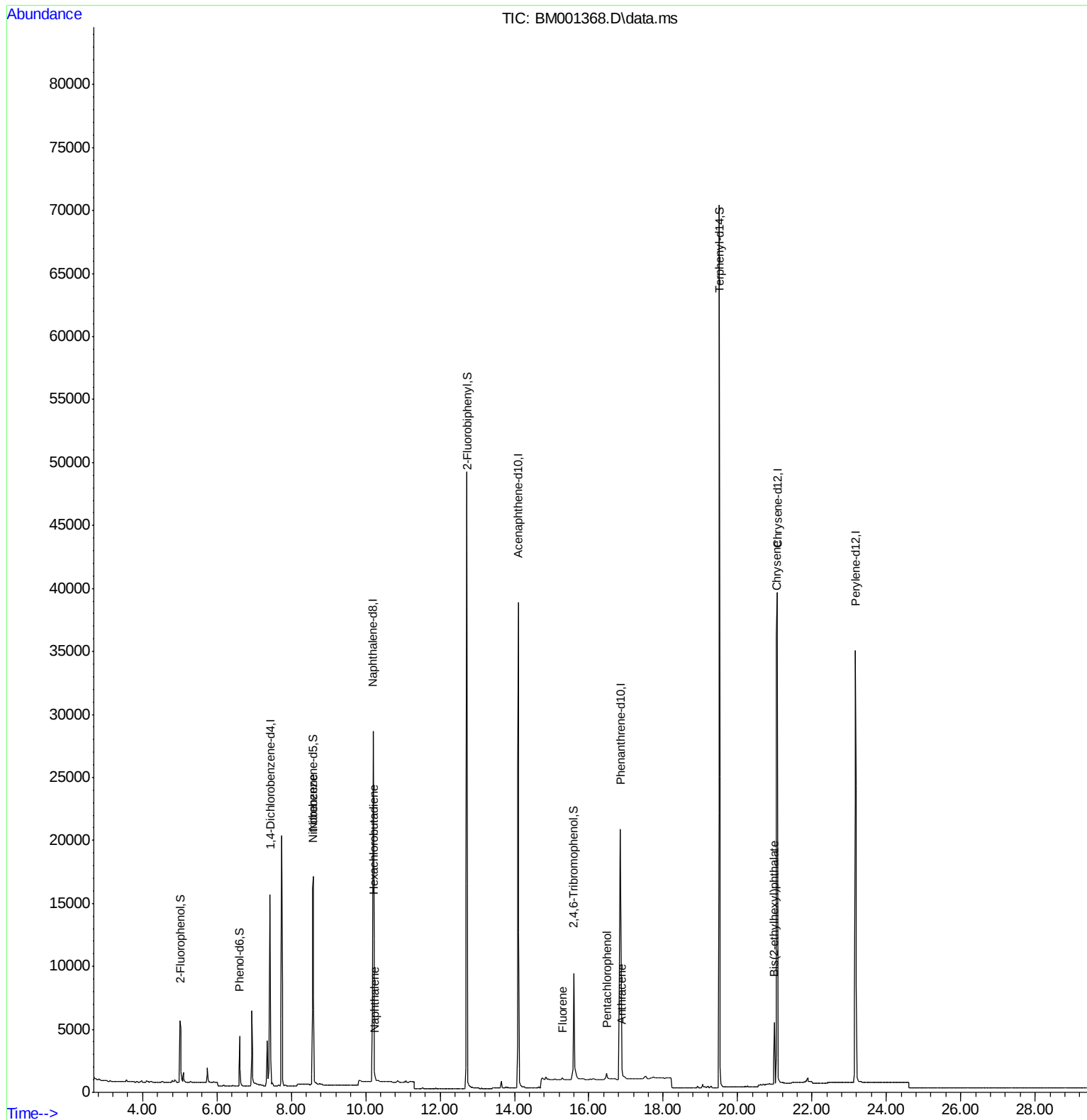
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.432	152	9129	5.00	ng	0.00
6) Naphthalene-d8	10.199	136	37115	5.00	ng	0.00
12) Acenaphthene-d10	14.107	164	23572	5.00	ng	0.00
18) Phenanthrene-d10	16.852	188	44462	5.00	ng	# 0.00
25) Chrysene-d12	21.067	240	51982	5.00	ng	0.00
32) Perylene-d12	23.168	264	42033	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.021	112	4837	2.73	ng	0.00
5) Phenol-d6	6.613	99	4019	1.82	ng	0.00
7) Nitrobenzene-d5	8.586	82	14908	7.45	ng	0.00
13) 2,4,6-Tribromophenol	15.595	330	8293	8.48	ng	0.00
14) 2-Fluorobiphenyl	12.719	172	51338	7.30	ng	0.00
27) Terphenyl-d14	19.503	244	67616	9.89	ng	0.00
Target Compounds						
						Qvalue
8) Nitrobenzene	8.575	77	49	0.13	ng	# 20
9) Naphthalene	10.250	128	277	0.03	ng	# 16
10) Hexachlorobutadiene	10.216	225	69	0.05	ng	# 49
17) Fluorene	15.289	166	232	0.05	ng	# 14
21) Pentachlorophenol	16.478	266	434	0.62	ng	# 1
23) Anthracene	16.886	178	247	0.04	ng	# 45
29) Chrysene	21.051	228	285	0.02	ng	# 63
30) Bis(2-ethylhexyl)phtha...	20.990	149	4993	0.71	ng	99

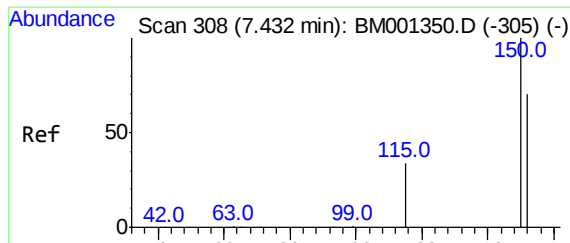
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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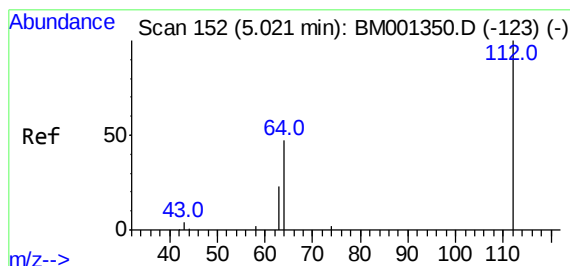
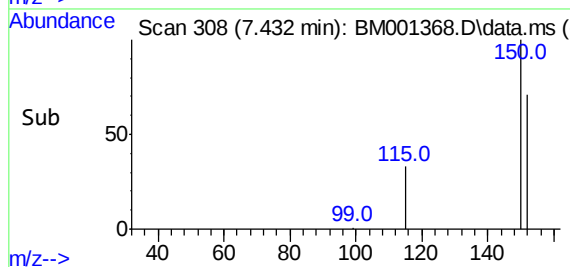
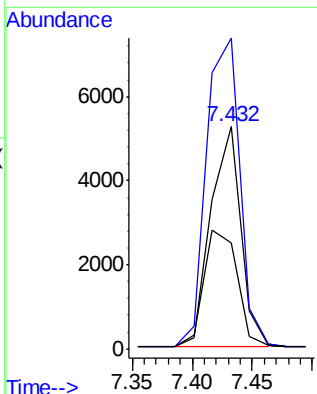
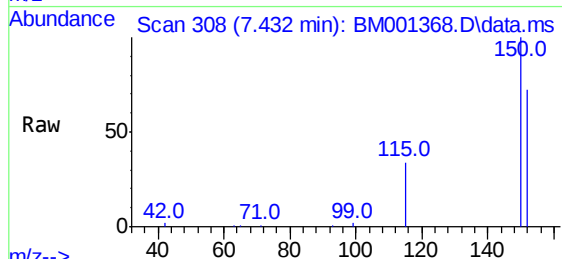




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.432 min Scan# 308
Delta R.T. 0.000 min
Lab File: BM001368.D
Acq: 21 May 2015 20:32

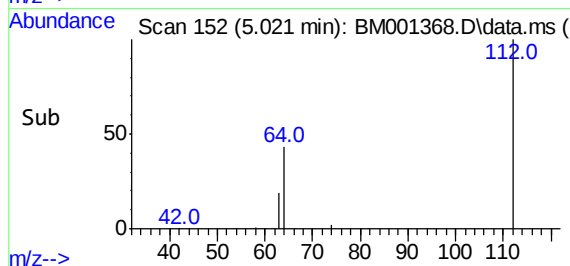
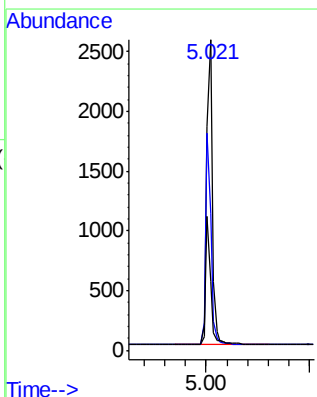
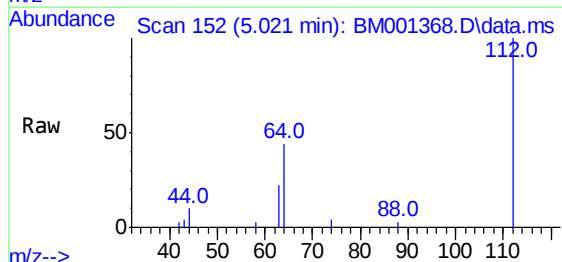
Instrument :
BNA_M
ClientSampleId :
KY024MW068-150512

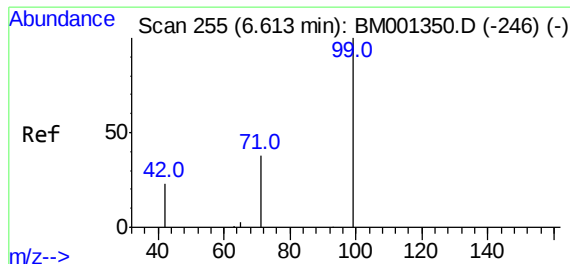
Tgt Ion:152 Resp: 9129
Ion Ratio Lower Upper
152 100
150 139.7 114.1 171.1
115 47.4 39.2 58.8



#4
2-Fluorophenol
Concen: 2.73 ng
RT: 5.021 min Scan# 152
Delta R.T. 0.000 min
Lab File: BM001368.D
Acq: 21 May 2015 20:32

Tgt Ion:112 Resp: 4837
Ion Ratio Lower Upper
112 100
64 64.9 52.9 79.3
63 37.9 29.6 44.4



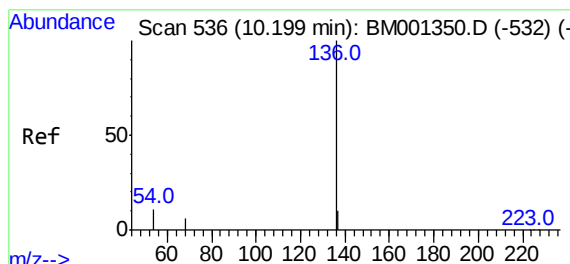
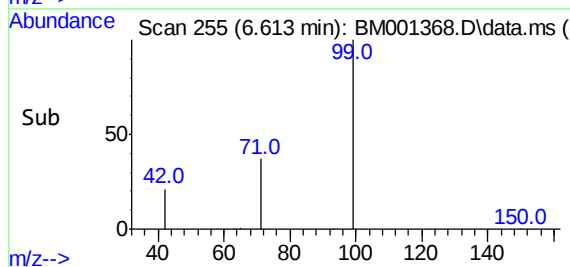
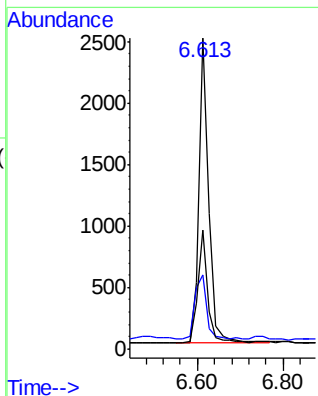
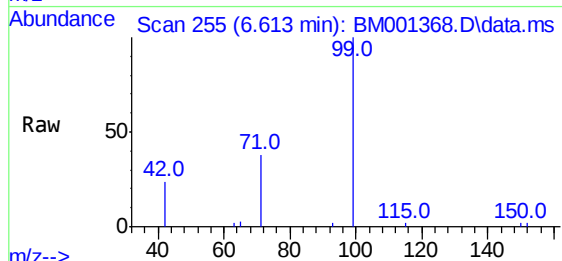


#5
Phenol-d6
Concen: 1.82 ng
RT: 6.613 min Scan# 255
Delta R.T. 0.000 min
Lab File: BM001368.D
Acq: 21 May 2015 20:32

Instrument :
BNA_M
ClientSampleId :
KY024MW068-150512

Tgt Ion: 99 Resp: 4019

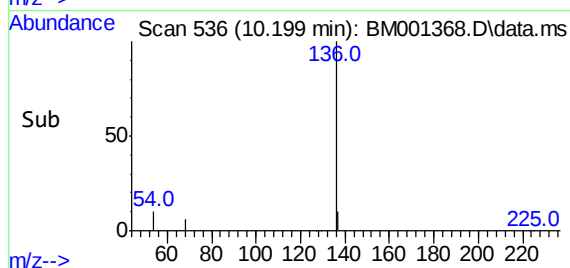
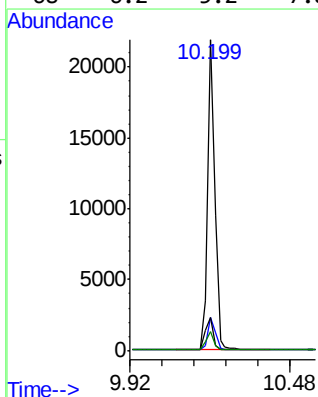
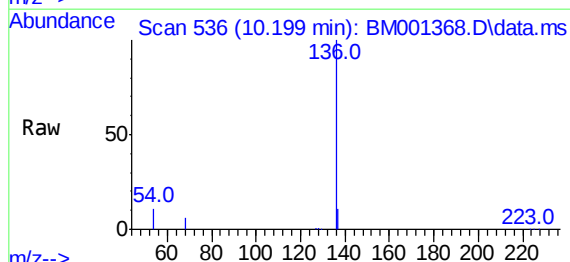
Ion	Ratio	Lower	Upper
99	100		
42	25.0	21.4	32.2
71	36.7	29.0	43.4

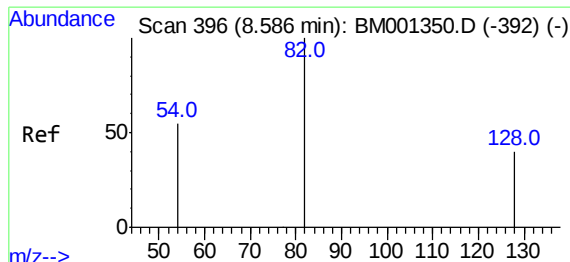


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.199 min Scan# 536
Delta R.T. 0.000 min
Lab File: BM001368.D
Acq: 21 May 2015 20:32

Tgt Ion:136 Resp: 37115

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.2	12.4
54	10.6	9.4	14.0
68	6.2	5.2	7.8

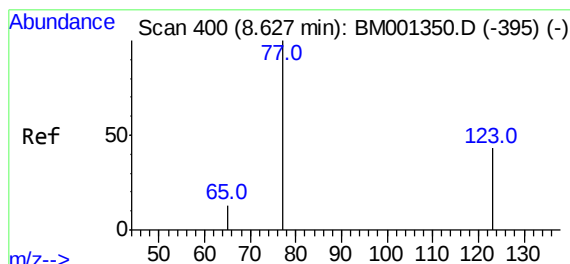
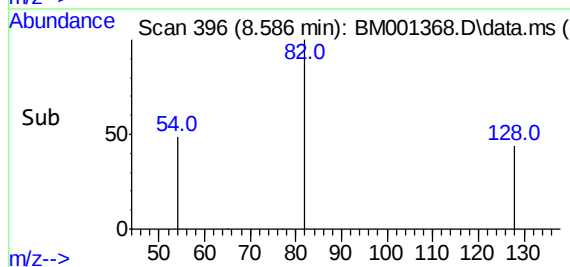
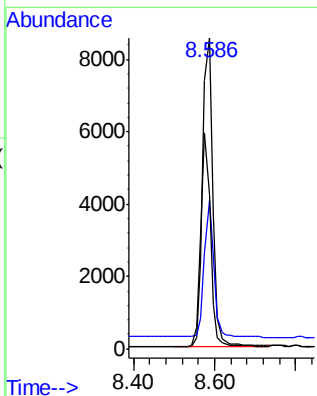
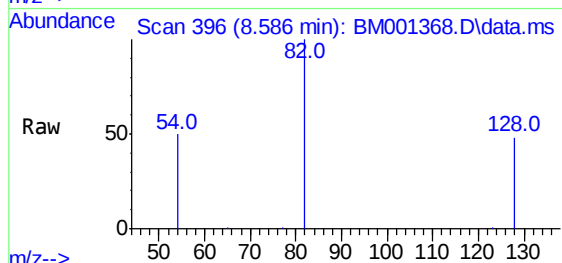




#7
Nitrobenzene-d5
Concen: 7.45 ng
RT: 8.586 min Scan# 396
Delta R.T. 0.000 min
Lab File: BM001368.D
Acq: 21 May 2015 20:32

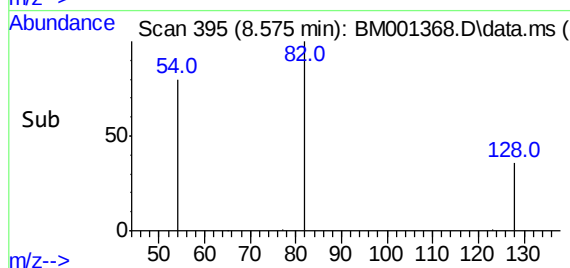
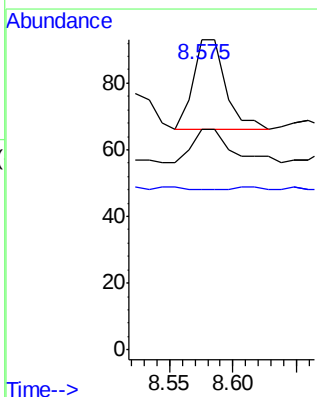
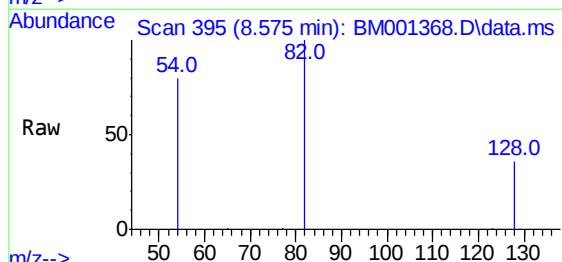
Instrument :
BNA_M
ClientSampleId :
KY024MW068-150512

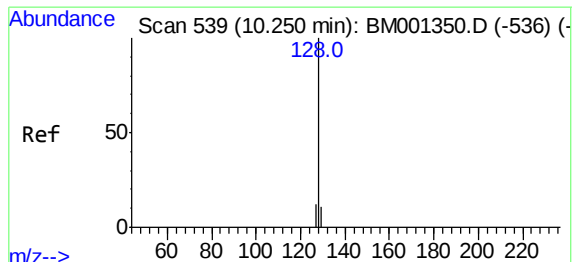
Tgt Ion: 82 Resp: 14908
Ion Ratio Lower Upper
82 100
128 47.7 33.5 50.3
54 49.6 45.1 67.7



#8
Nitrobenzene
Concen: 0.13 ng
RT: 8.575 min Scan# 395
Delta R.T. -0.052 min
Lab File: BM001368.D
Acq: 21 May 2015 20:32

Tgt Ion: 77 Resp: 49
Ion Ratio Lower Upper
77 100
123 0.0 33.6 50.4#
65 63.3 11.3 16.9#

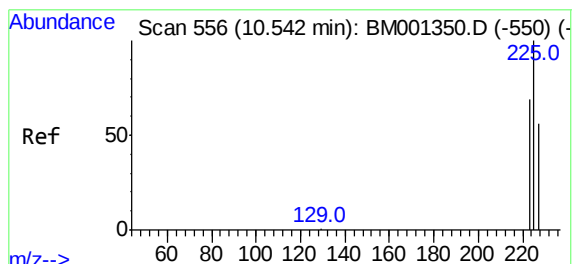
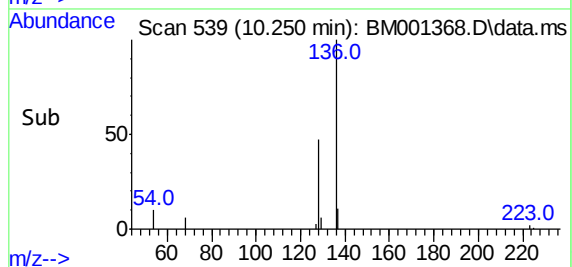
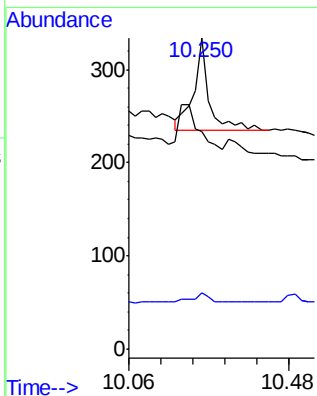
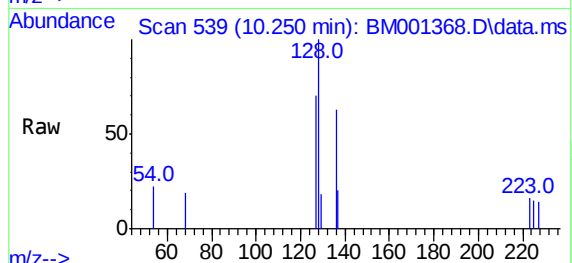




#9
Naphthalene
Concen: 0.03 ng
RT: 10.250 min Scan# 539
Delta R.T. 0.000 min
Lab File: BM001368.D
Acq: 21 May 2015 20:32

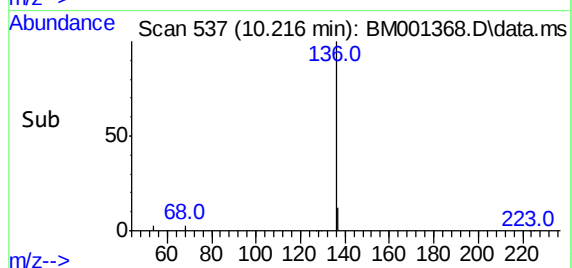
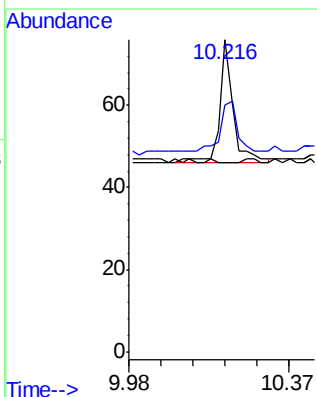
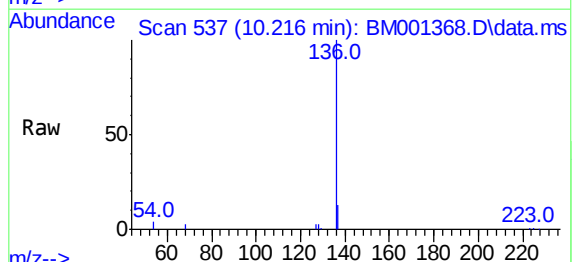
Instrument :
BNA_M
ClientSampleId :
KY024MW068-150512

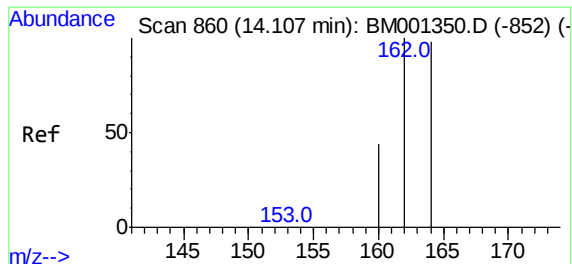
Tgt Ion:128 Resp: 277
Ion Ratio Lower Upper
128 100
129 18.0 9.1 13.7#
127 70.1 10.4 15.6#



#10
Hexachlorobutadiene
Concen: 0.05 ng
RT: 10.216 min Scan# 537
Delta R.T. -0.326 min
Lab File: BM001368.D
Acq: 21 May 2015 20:32

Tgt Ion:225 Resp: 69
Ion Ratio Lower Upper
225 100
223 46.4 50.3 75.5#
227 0.0 50.6 75.8#



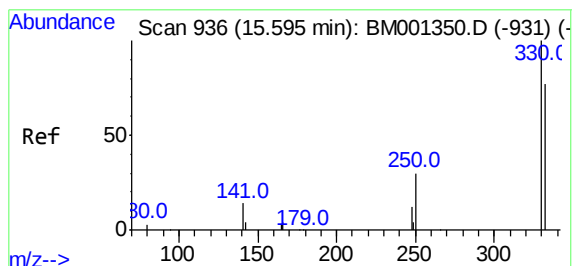
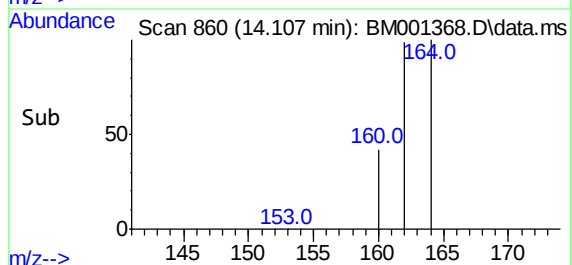
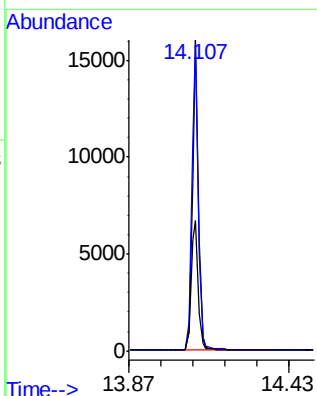
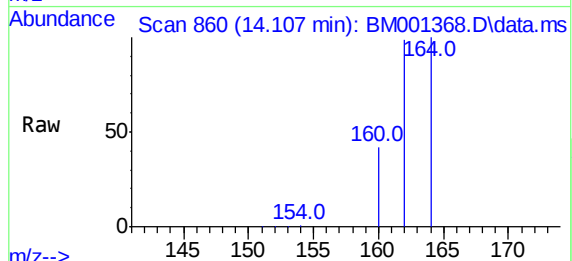


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.107 min Scan# 860
Delta R.T. 0.000 min
Lab File: BM001368.D
Acq: 21 May 2015 20:32

Instrument :
BNA_M
ClientSampleId :
KY024MW068-150512

Tgt Ion:164 Resp: 23572

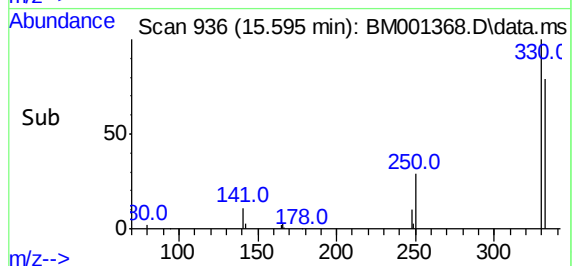
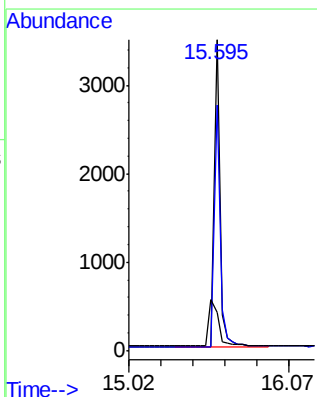
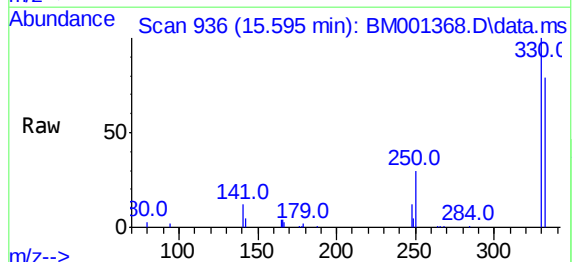
Ion	Ratio	Lower	Upper
164	100		
162	98.8	81.8	122.8
160	42.0	35.8	53.8

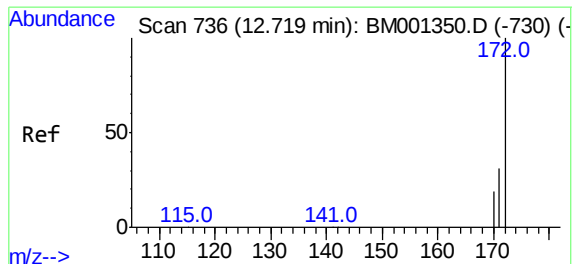


#13
2,4,6-Tribromophenol
Concen: 8.48 ng
RT: 15.595 min Scan# 936
Delta R.T. 0.001 min
Lab File: BM001368.D
Acq: 21 May 2015 20:32

Tgt Ion:330 Resp: 8293

Ion	Ratio	Lower	Upper
330	100		
332	82.9	65.4	98.2
141	0.0	20.2	30.4

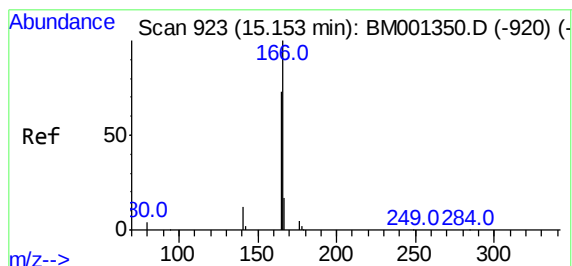
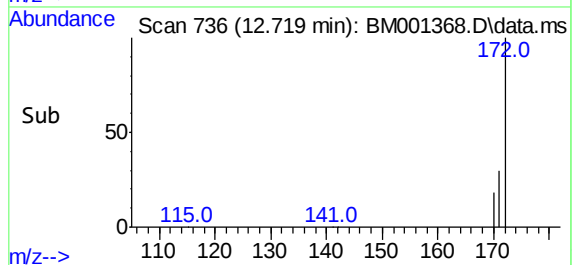
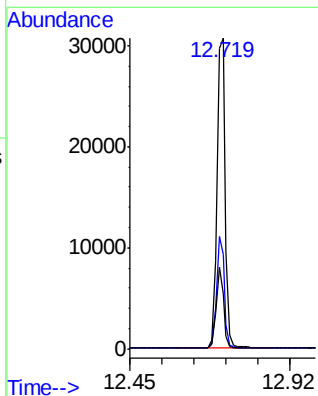
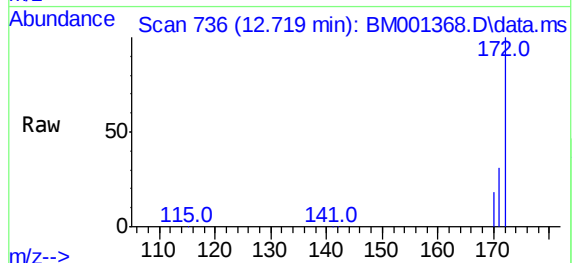




#14
2-Fluorobiphenyl
Concen: 7.30 ng
RT: 12.719 min Scan# 736
Delta R.T. 0.000 min
Lab File: BM001368.D
Acq: 21 May 2015 20:32

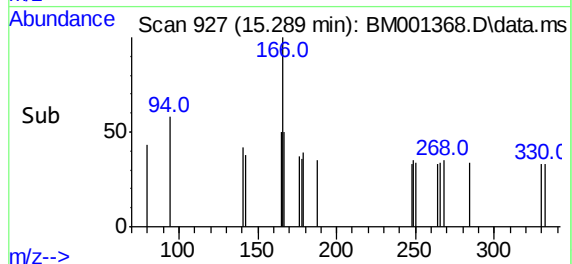
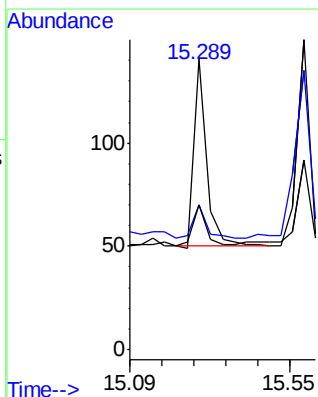
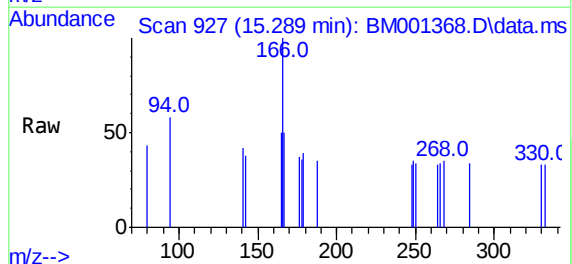
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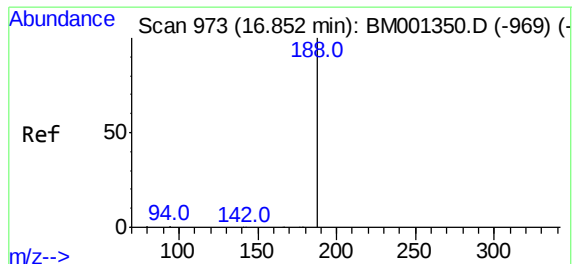
Tgt Ion:172 Resp: 51338
Ion Ratio Lower Upper
172 100
171 30.5 25.4 38.2
170 17.8 15.7 23.5



#17
Fluorene
Concen: 0.05 ng
RT: 15.289 min Scan# 927
Delta R.T. 0.136 min
Lab File: BM001368.D
Acq: 21 May 2015 20:32

Tgt Ion:166 Resp: 232
Ion Ratio Lower Upper
166 100
165 0.0 72.5 108.7#
167 0.0 16.0 24.0#

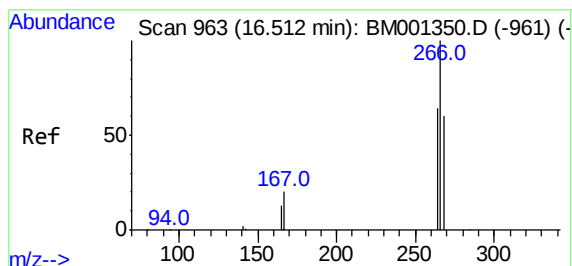
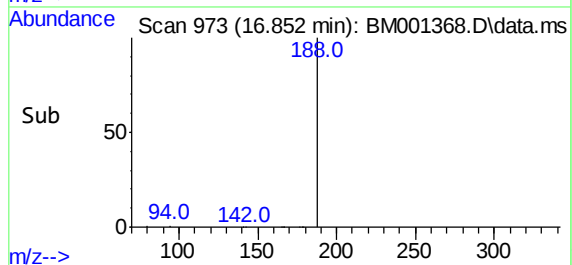
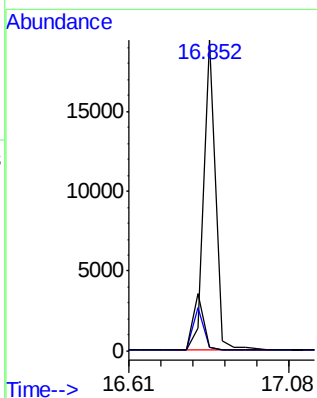
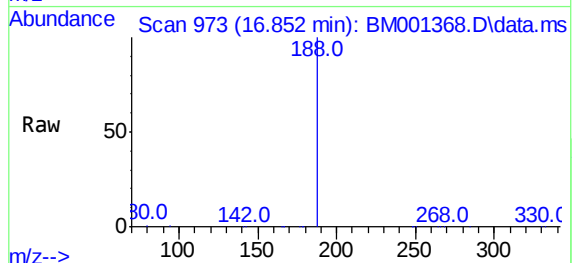




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.852 min Scan# 973
Delta R.T. 0.000 min
Lab File: BM001368.D
Acq: 21 May 2015 20:32

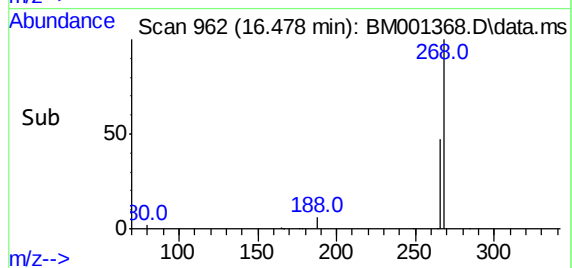
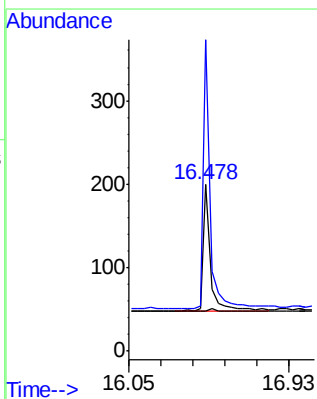
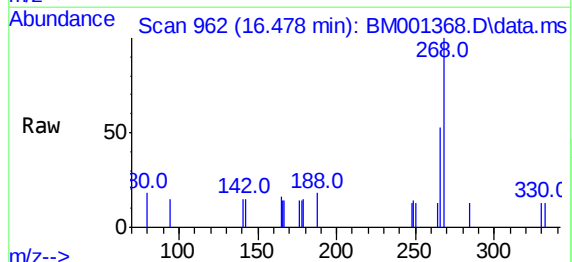
Instrument :
BNA_M
ClientSampleId :
KY024MW068-150512

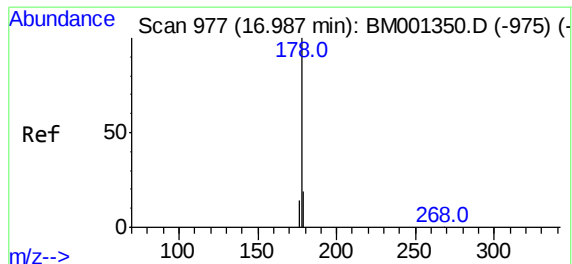
Tgt Ion:	188	Resp:	44462
Ion	Ratio	Lower	Upper
188	100		
94	1.2	0.6	1.0#
80	1.2	0.6	0.8#



#21
Pentachlorophenol
Concen: 0.62 ng
RT: 16.478 min Scan# 962
Delta R.T. -0.033 min
Lab File: BM001368.D
Acq: 21 May 2015 20:32

Tgt Ion:	266	Resp:	434
Ion	Ratio	Lower	Upper
266	100		
268	187.4	51.2	76.8#
264	24.1	53.7	80.5#

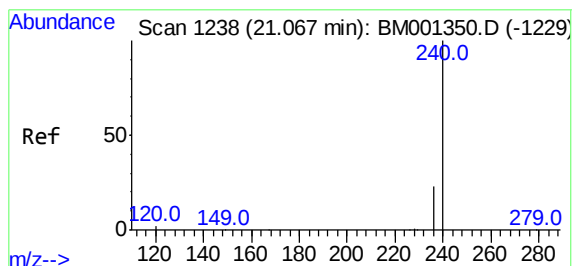
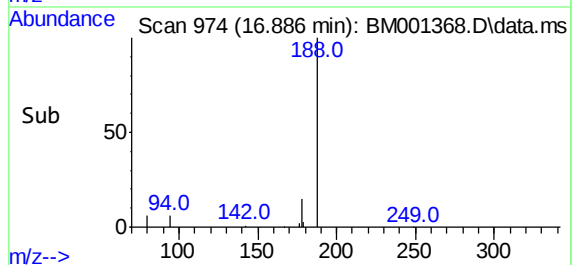
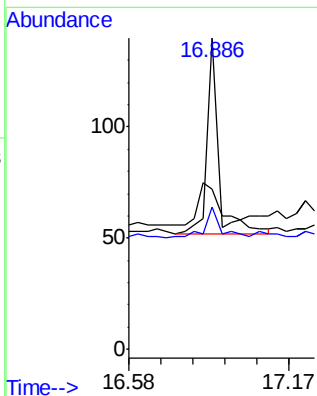
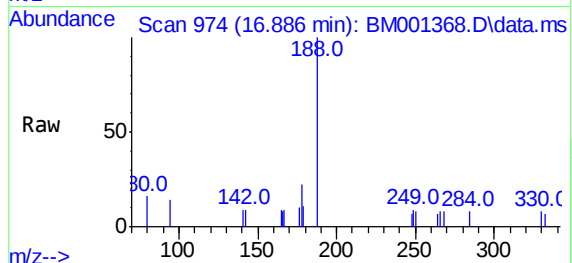




#23
 Anthracene
 Concen: 0.04 ng
 RT: 16.886 min Scan# 974
 Delta R.T. -0.102 min
 Lab File: BM001368.D
 Acq: 21 May 2015 20:32

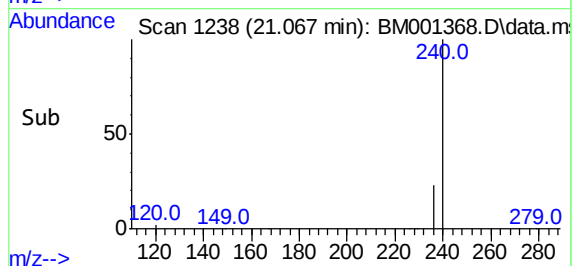
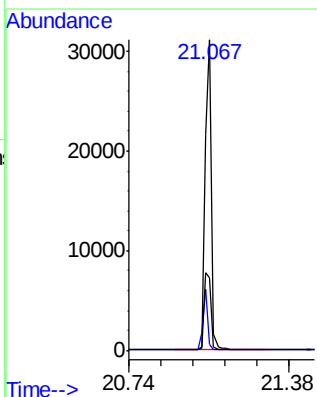
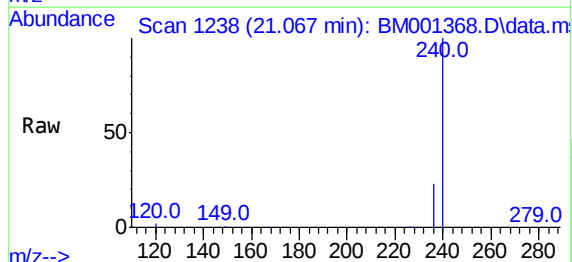
Instrument :
 BNA_M
 ClientSampleId :
 KY024MW068-150512

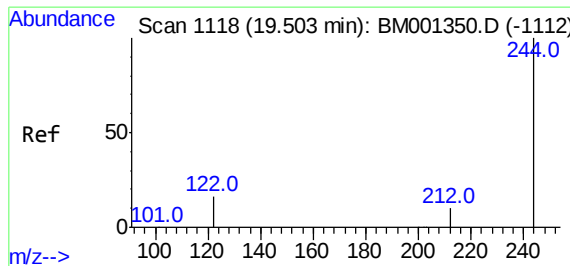
Tgt Ion:178 Resp: 247
 Ion Ratio Lower Upper
 178 100
 176 23.9 46.1 69.1#
 179 0.0 35.4 53.0#



#25
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.067 min Scan# 1238
 Delta R.T. 0.000 min
 Lab File: BM001368.D
 Acq: 21 May 2015 20:32

Tgt Ion:240 Resp: 51982
 Ion Ratio Lower Upper
 240 100
 120 2.0 1.6 2.4
 236 23.3 18.5 27.7

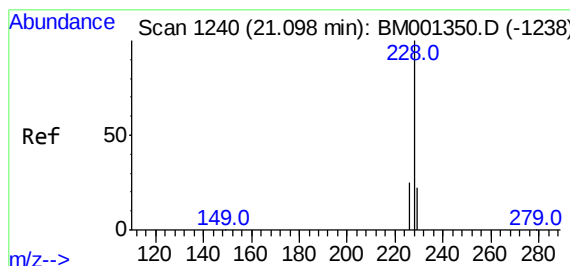
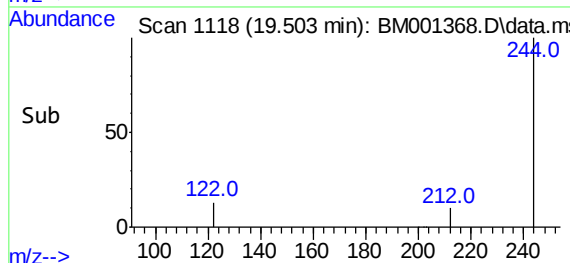
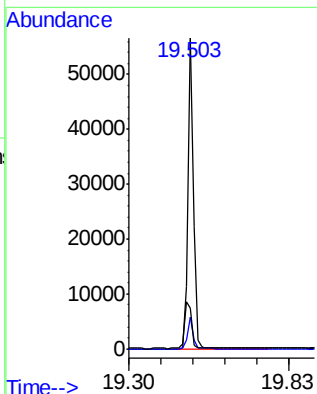
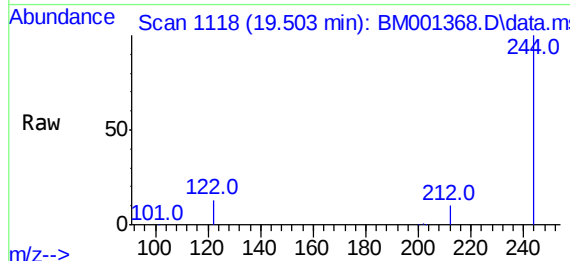




#27
Terphenyl-d14
Concen: 9.89 ng
RT: 19.503 min Scan# 1118
Delta R.T. 0.000 min
Lab File: BM001368.D
Acq: 21 May 2015 20:32

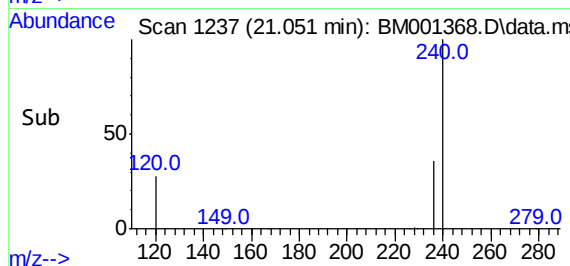
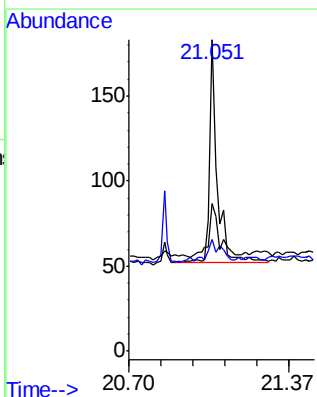
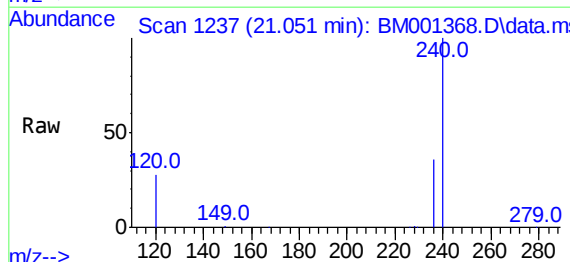
Instrument :
BNA_M
ClientSampleId :
KY024MW068-150512

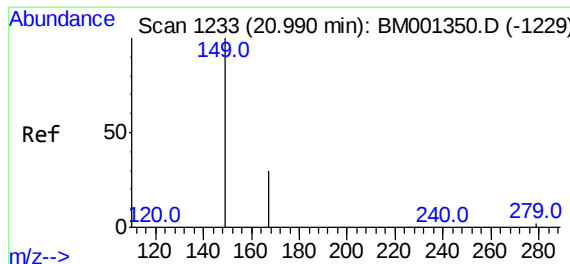
Tgt Ion:244 Resp: 67616
Ion Ratio Lower Upper
244 100
212 10.1 8.5 12.7
122 13.2 13.4 20.2#



#29
Chrysene
Concen: 0.02 ng
RT: 21.051 min Scan# 1237
Delta R.T. -0.046 min
Lab File: BM001368.D
Acq: 21 May 2015 20:32

Tgt Ion:228 Resp: 285
Ion Ratio Lower Upper
228 100
226 36.1 20.0 30.0#
229 47.5 17.6 26.4#



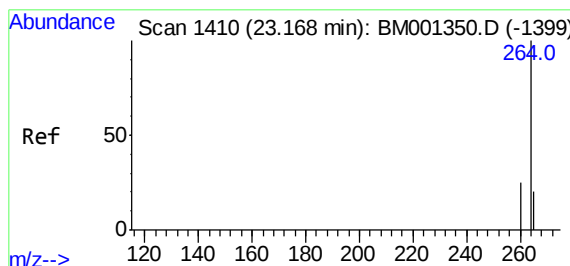
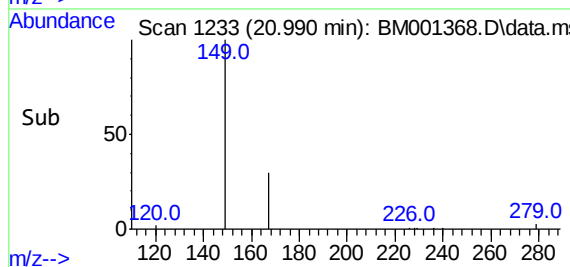
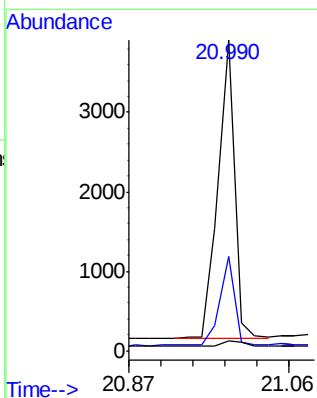
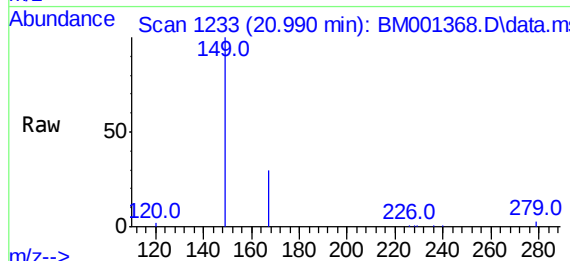


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.71 ng
RT: 20.990 min Scan# 1233
Delta R.T. 0.001 min
Lab File: BM001368.D
Acq: 21 May 2015 20:32

Instrument :
BNA_M
ClientSampleId :
KY024MW068-150512

Tgt Ion:149 Resp: 4993

Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.6	32.4
279	2.3	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: BM001368.D
Acq: 21 May 2015 20:32

Tgt Ion:264 Resp: 42033

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.4	30.6
265	22.0	16.6	24.8

