

Data Path : Z:\HPCHEM1\BNA_M\Data\BM052015\
 Data File : BM001377.D
 Acq On : 22 May 2015 01:53
 Operator : TP/IZ
 Sample : G2255-15
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SS043MW014-150512

Quant Time: May 22 05:33:46 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)

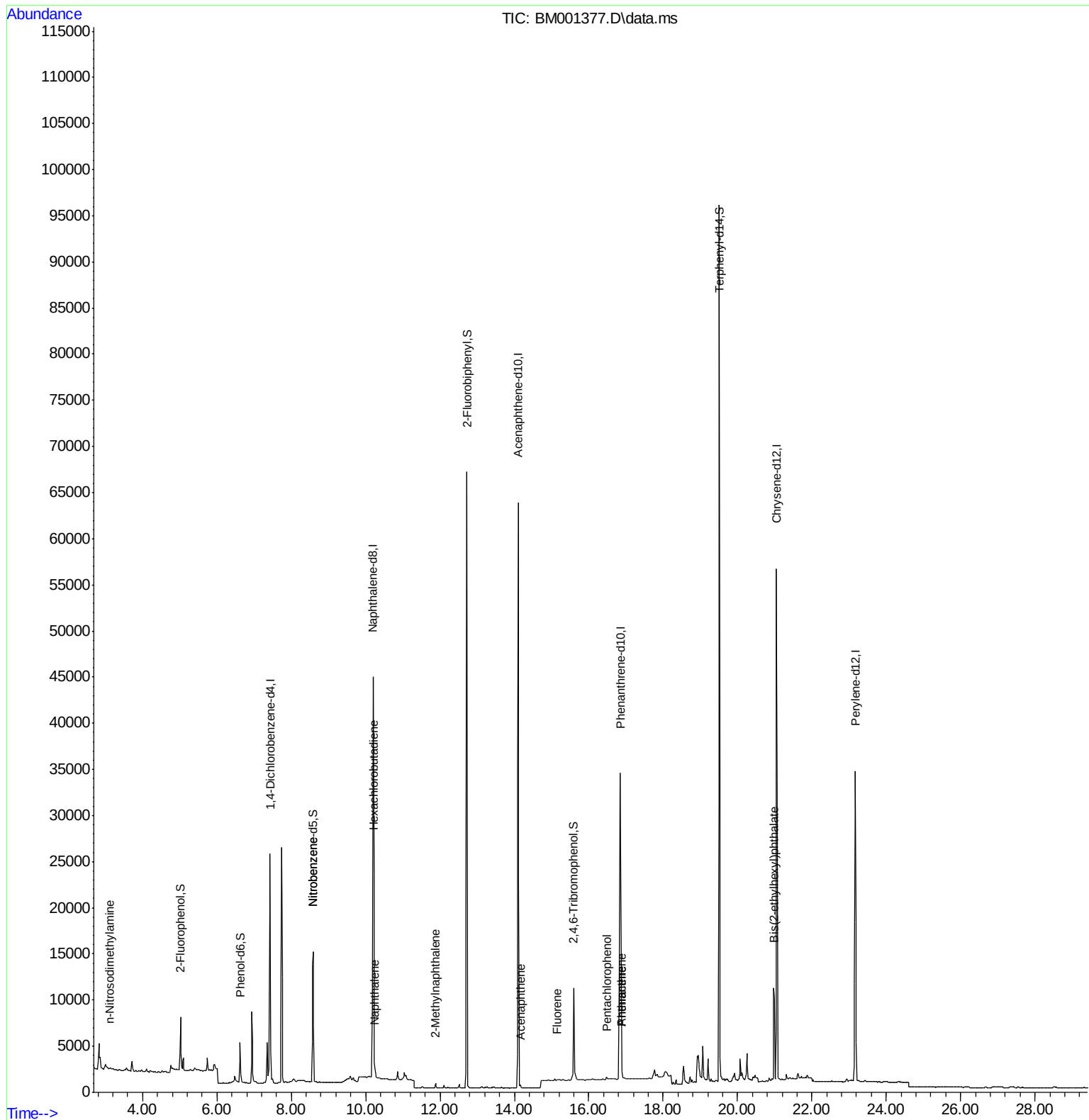
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.432	152	13759	5.00	ng	0.00
6) Naphthalene-d8	10.199	136	58826	5.00	ng	0.00
12) Acenaphthene-d10	14.107	164	36184	5.00	ng	0.00
18) Phenanthrene-d10	16.852	188	70340	5.00	ng	0.00
25) Chrysene-d12	21.051	240	61191	5.00	ng	#-0.02
32) Perylene-d12	23.168	264	41747	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.021	112	4452	1.67	ng	0.00
5) Phenol-d6	6.628	99	4539	1.36	ng	0.02
7) Nitrobenzene-d5	8.586	82	12065	3.80	ng	0.00
13) 2,4,6-Tribromophenol	15.595	330	8584	5.75	ng	0.00
14) 2-Fluorobiphenyl	12.719	172	69340	6.42	ng	0.00
27) Terphenyl-d14	19.503	244	90728	11.27	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.919	88	283	Below Cal	#	67
3) n-Nitrosodimethylamine	3.120	42	188	0.12 ng	#	10
8) Nitrobenzene	8.586	77	78	0.13 ng	#	35
9) Naphthalene	10.250	128	1444	0.12 ng	#	37
10) Hexachlorobutadiene	10.216	225	281	0.12 ng	#	37
11) 2-Methylnaphthalene	11.886	142	417	0.05 ng	#	86
16) Acenaphthene	14.168	154	232	0.02 ng		83
17) Fluorene	15.153	166	732	0.10 ng	#	37
21) Pentachlorophenol	16.478	266	296	0.49 ng	#	21
22) Phenanthrene	16.886	178	1296	0.05 ng	#	84
23) Anthracene	16.886	178	1296	0.14 ng	#	62
30) Bis(2-ethylhexyl)phtha...	20.974	149	14446	1.47 ng		99

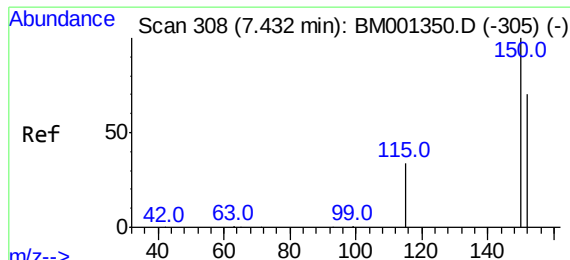
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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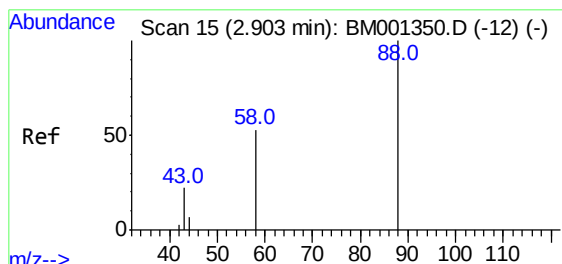
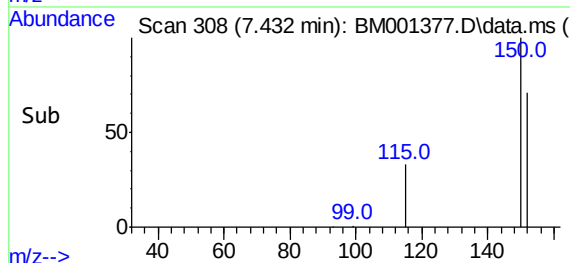
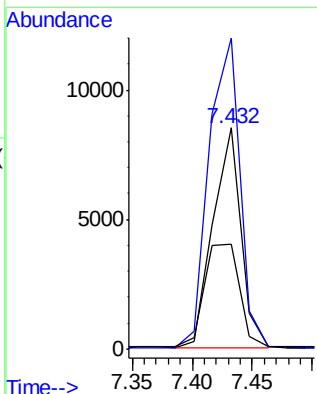
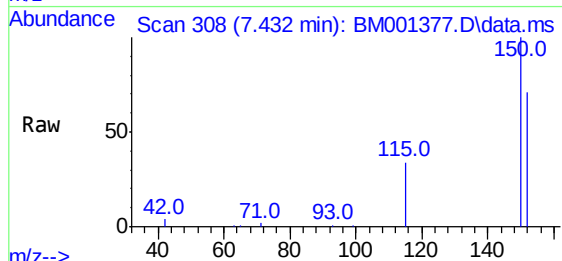




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.432 min Scan# 308
Delta R.T. 0.000 min
Lab File: BM001377.D
Acq: 22 May 2015 01:53

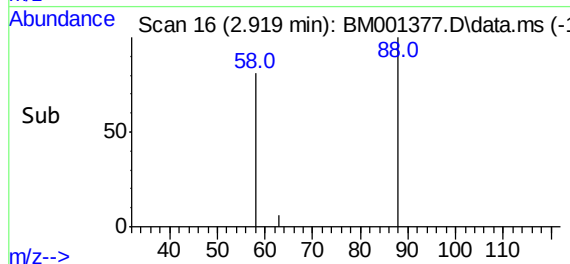
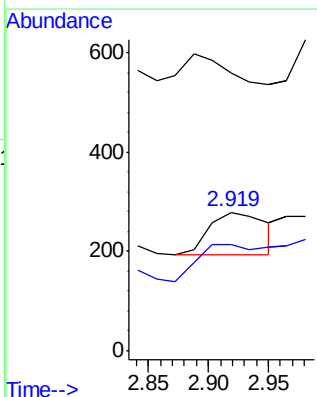
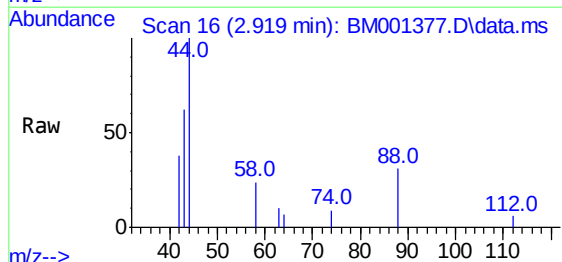
Instrument :
BNA_M
ClientSampleId :
SS043MW014-150512

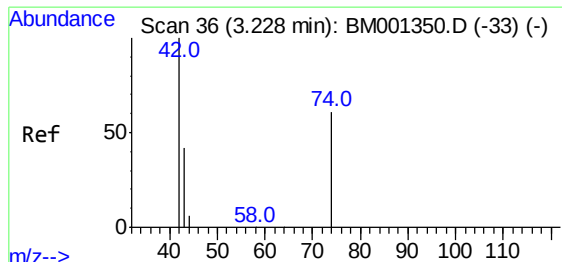
Tgt Ion:152 Resp: 13759
Ion Ratio Lower Upper
152 100
150 140.7 114.1 171.1
115 47.6 39.2 58.8



#2
1,4-Dioxane
Concen: Below Cal
RT: 2.919 min Scan# 16
Delta R.T. 0.016 min
Lab File: BM001377.D
Acq: 22 May 2015 01:53

Tgt Ion: 88 Resp: 283
Ion Ratio Lower Upper
88 100
58 81.3 53.1 79.7#
43 0.0 27.8 41.8#

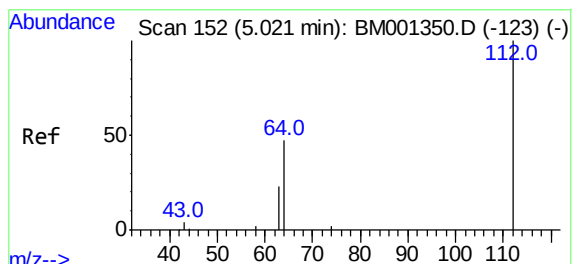
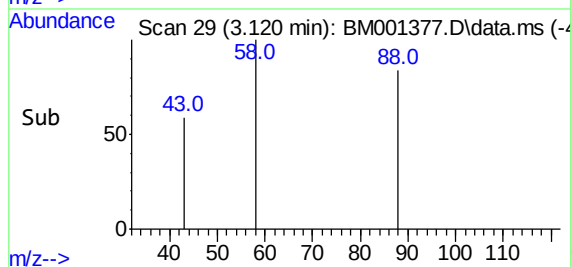
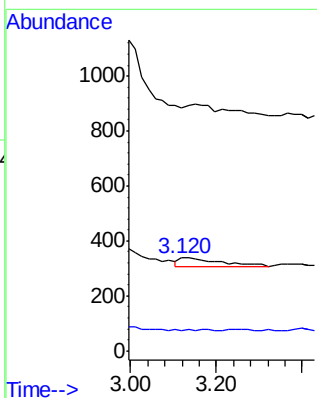
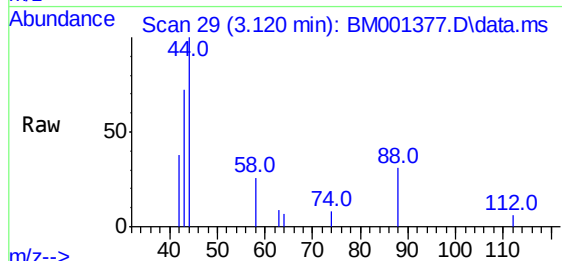




#3
n-Nitrosodimethylamine
Concen: 0.12 ng
RT: 3.120 min Scan# 29
Delta R.T. -0.108 min
Lab File: BM001377.D
Acq: 22 May 2015 01:53

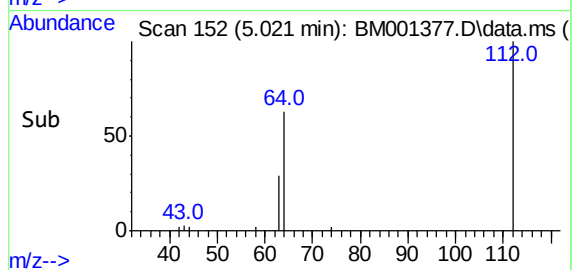
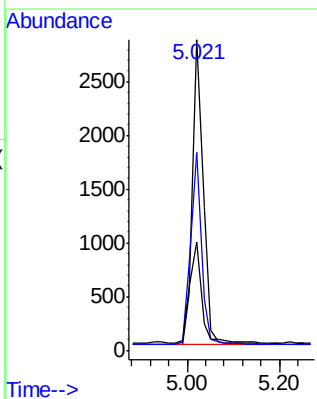
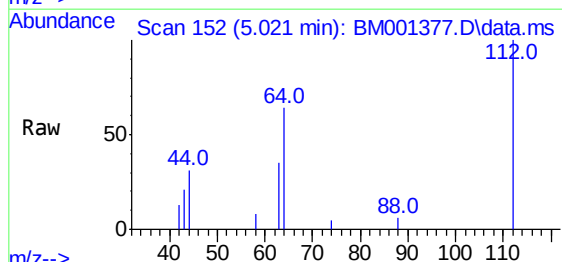
Instrument :
BNA_M
ClientSampleId :
SS043MW014-150512

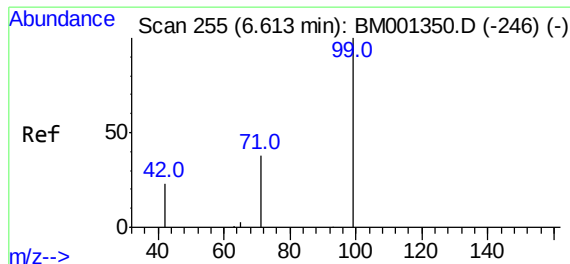
Tgt Ion: 42 Resp: 188
Ion Ratio Lower Upper
42 100
74 0.0 70.0 105.0#
44 0.0 3.6 5.4#



#4
2-Fluorophenol
Concen: 1.67 ng
RT: 5.021 min Scan# 152
Delta R.T. 0.000 min
Lab File: BM001377.D
Acq: 22 May 2015 01:53

Tgt Ion: 112 Resp: 4452
Ion Ratio Lower Upper
112 100
64 63.6 52.9 79.3
63 36.6 29.6 44.4

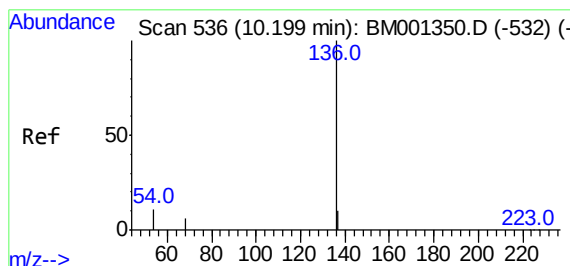
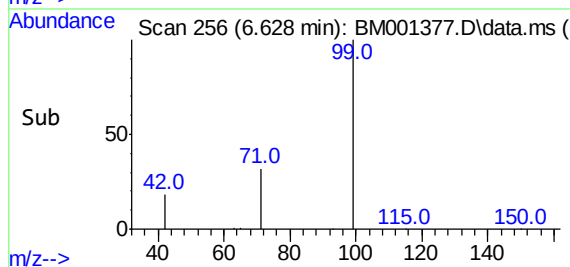
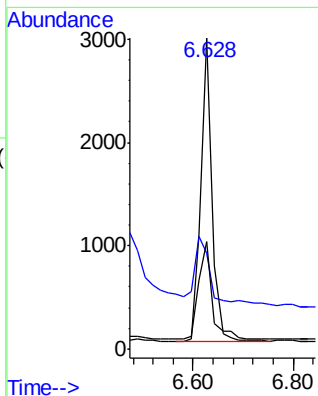
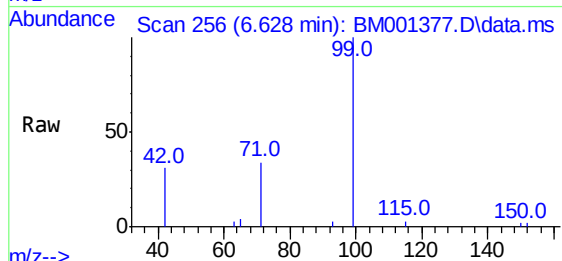




#5
Phenol-d6
Concen: 1.36 ng
RT: 6.628 min Scan# 256
Delta R.T. 0.016 min
Lab File: BM001377.D
Acq: 22 May 2015 01:53

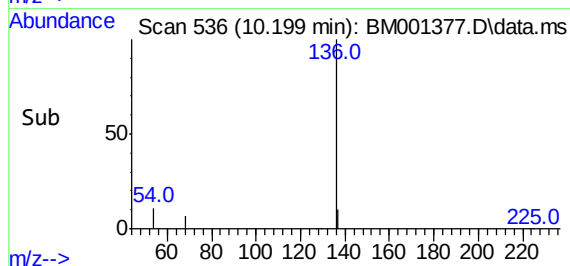
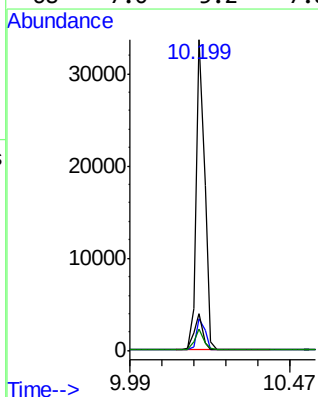
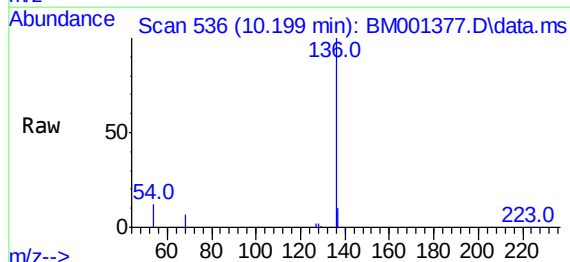
Instrument :
BNA_M
ClientSampleId :
SS043MW014-150512

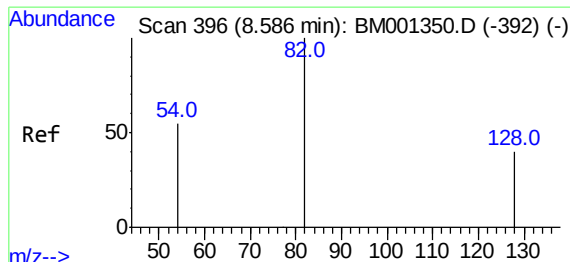
Tgt Ion: 99 Resp: 4539
Ion Ratio Lower Upper
99 100
42 36.7 21.4 32.2#
71 38.4 29.0 43.4



#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.199 min Scan# 536
Delta R.T. 0.000 min
Lab File: BM001377.D
Acq: 22 May 2015 01:53

Tgt Ion:136 Resp: 58826
Ion Ratio Lower Upper
136 100
137 10.3 8.2 12.4
54 11.6 9.4 14.0
68 7.0 5.2 7.8

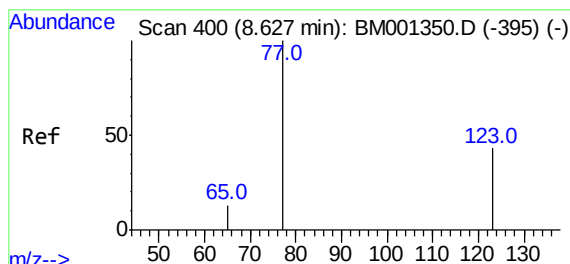
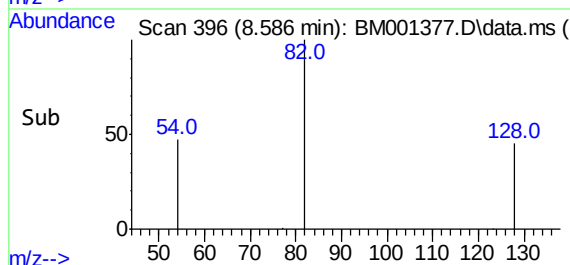
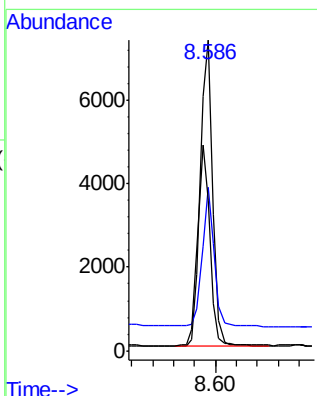
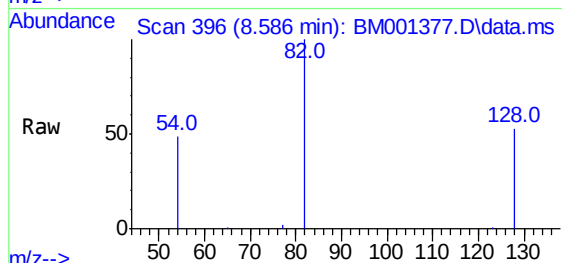




#7
Nitrobenzene-d5
Concen: 3.80 ng
RT: 8.586 min Scan# 396
Delta R.T. 0.000 min
Lab File: BM001377.D
Acq: 22 May 2015 01:53

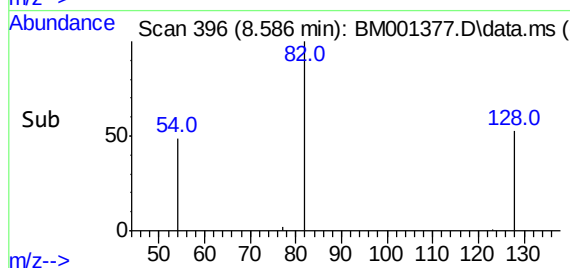
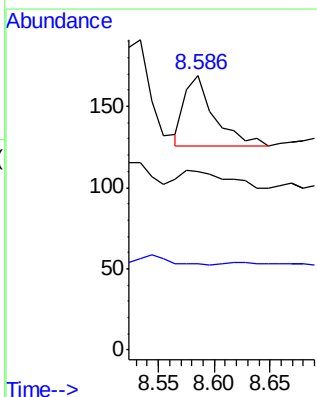
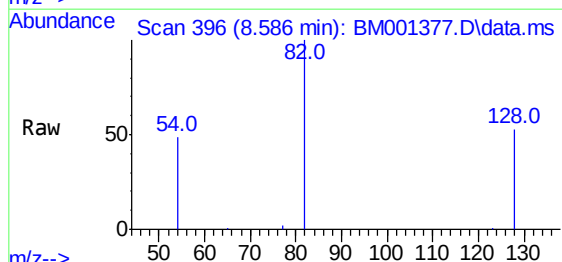
Instrument :
BNA_M
ClientSampleId :
SS043MW014-150512

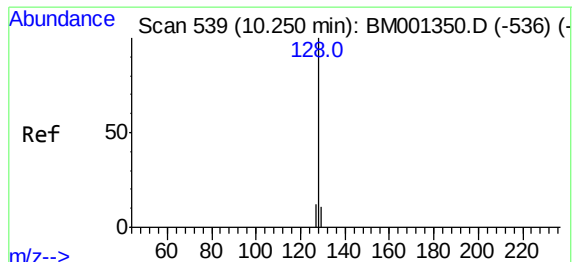
Tgt Ion: 82 Resp: 12065
Ion Ratio Lower Upper
82 100
128 52.6 33.5 50.3#
54 48.6 45.1 67.7



#8
Nitrobenzene
Concen: 0.13 ng
RT: 8.586 min Scan# 396
Delta R.T. -0.041 min
Lab File: BM001377.D
Acq: 22 May 2015 01:53

Tgt Ion: 77 Resp: 78
Ion Ratio Lower Upper
77 100
123 0.0 33.6 50.4#
65 38.5 11.3 16.9#

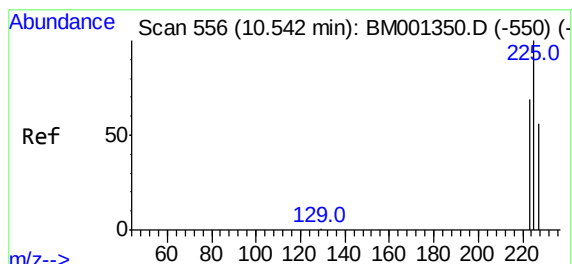
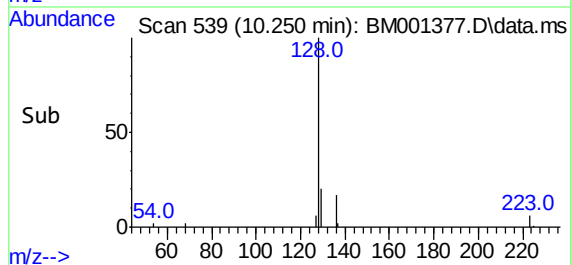
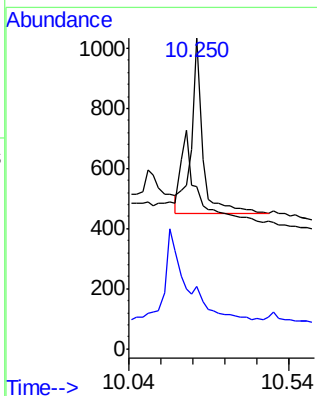
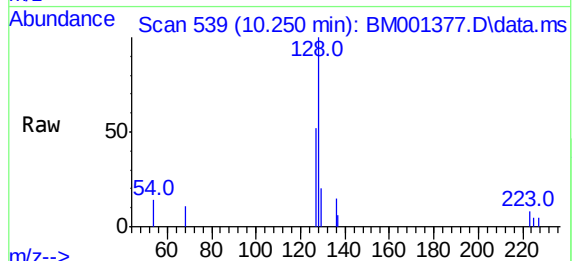




#9
Naphthalene
Concen: 0.12 ng
RT: 10.250 min Scan# 539
Delta R.T. 0.000 min
Lab File: BM001377.D
Acq: 22 May 2015 01:53

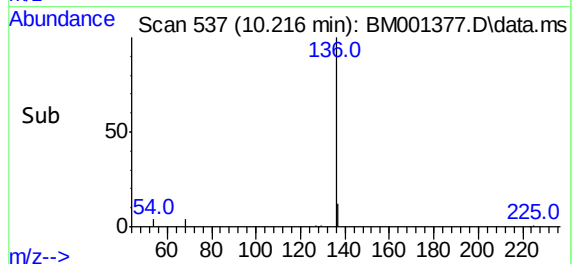
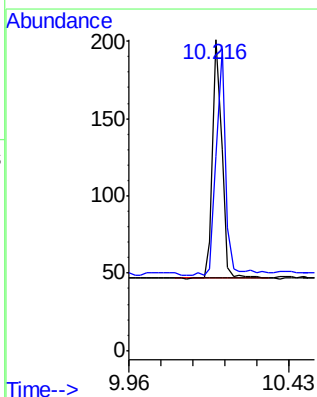
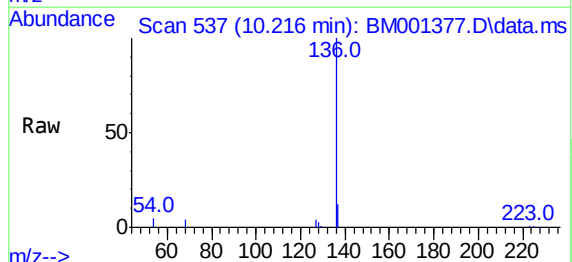
Instrument :
BNA_M
ClientSampleId :
SS043MW014-150512

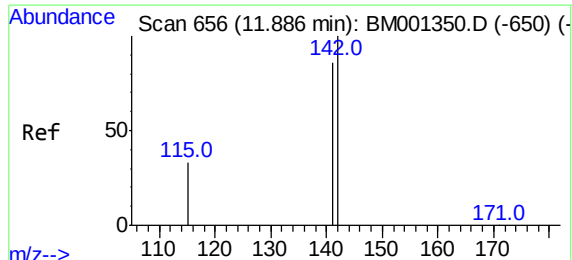
Tgt Ion:128 Resp: 1444
Ion Ratio Lower Upper
128 100
129 20.1 9.1 13.7#
127 52.2 10.4 15.6#



#10
Hexachlorobutadiene
Concen: 0.12 ng
RT: 10.216 min Scan# 537
Delta R.T. -0.326 min
Lab File: BM001377.D
Acq: 22 May 2015 01:53

Tgt Ion:225 Resp: 281
Ion Ratio Lower Upper
225 100
223 97.5 50.3 75.5#
227 0.0 50.6 75.8#

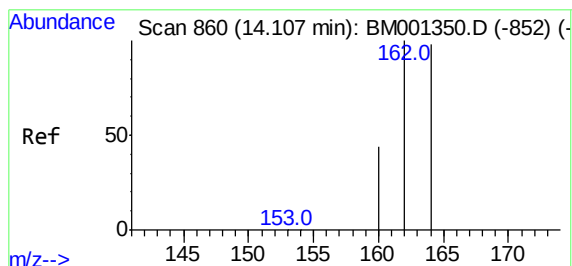
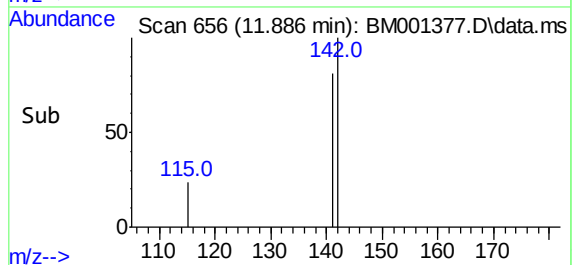
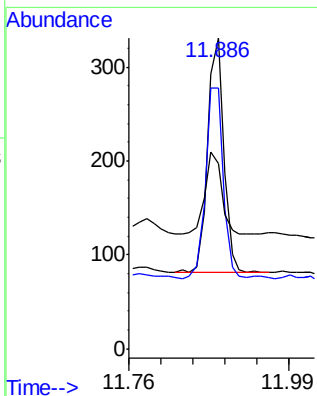
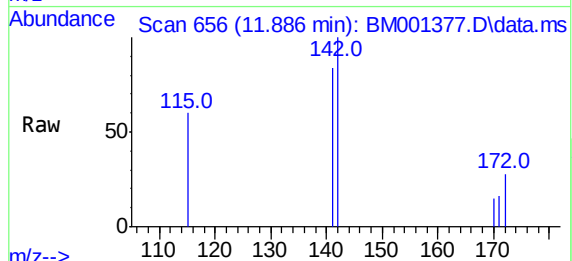




#11
2-Methylnaphthalene
Concen: 0.05 ng
RT: 11.886 min Scan# 656
Delta R.T. 0.000 min
Lab File: BM001377.D
Acq: 22 May 2015 01:53

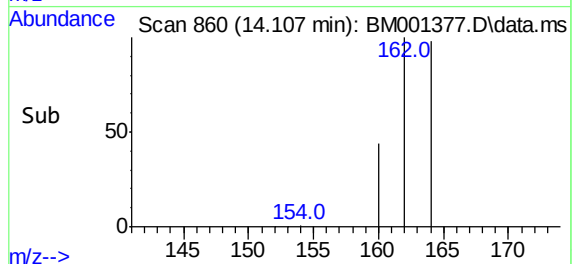
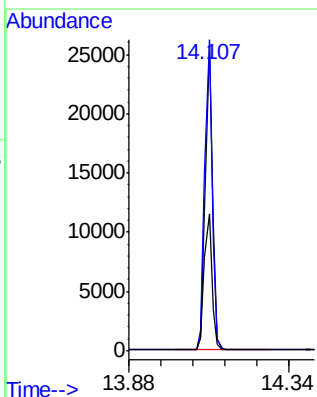
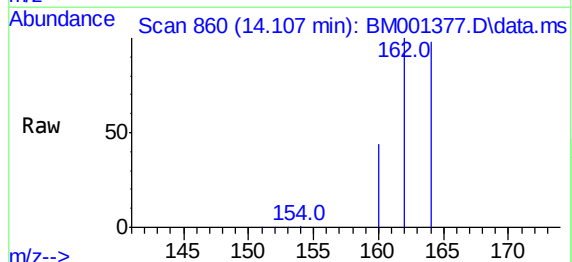
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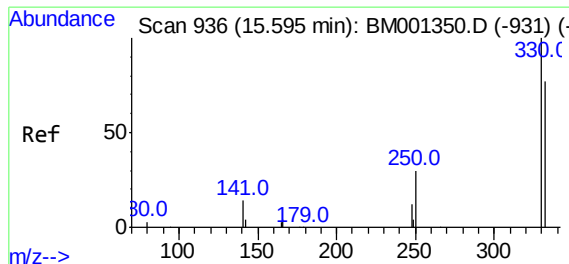
Tgt Ion:142 Resp: 417
Ion Ratio Lower Upper
142 100
141 84.0 69.0 103.4
115 59.5 27.1 40.7#



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.107 min Scan# 860
Delta R.T. 0.000 min
Lab File: BM001377.D
Acq: 22 May 2015 01:53

Tgt Ion:164 Resp: 36184
Ion Ratio Lower Upper
164 100
162 102.2 81.8 122.8
160 44.9 35.8 53.8



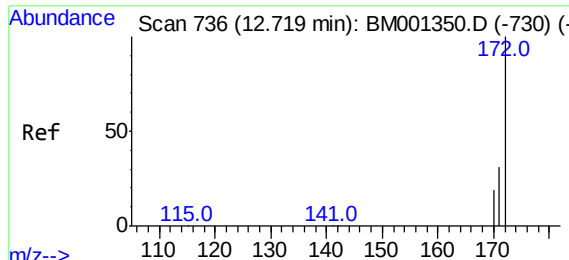
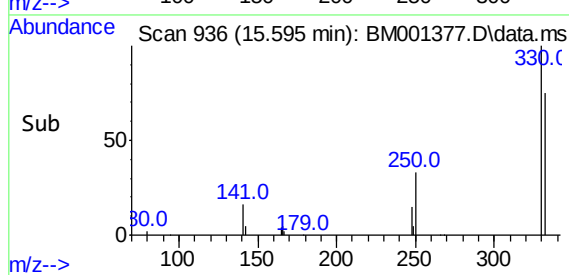
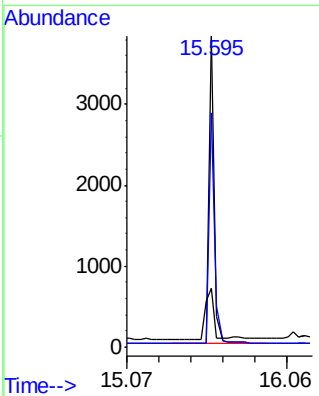
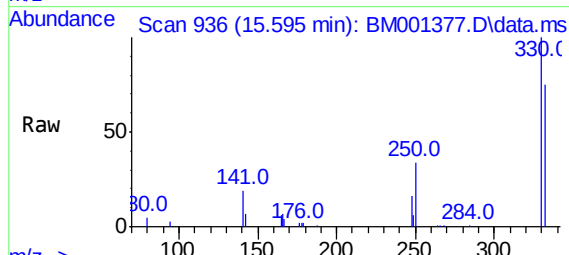


#13
 2,4,6-Tribromophenol
 Concen: 5.75 ng
 RT: 15.595 min Scan# 936
 Delta R.T. 0.001 min
 Lab File: BM001377.D
 Acq: 22 May 2015 01:53

Instrument :
 BNA_M
 ClientSampleId :
 SS043MW014-150512

Tgt Ion:330 Resp: 8584

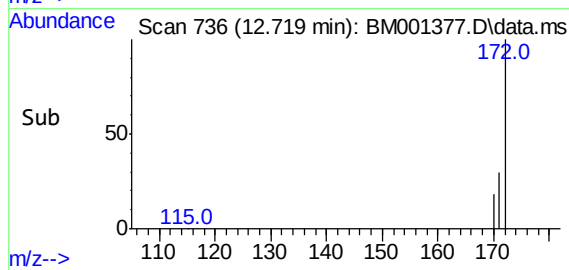
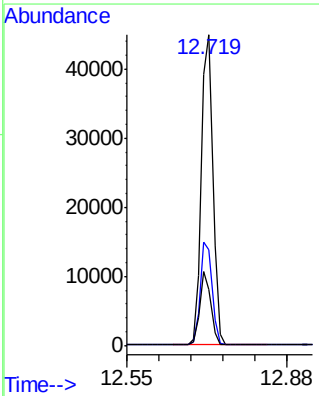
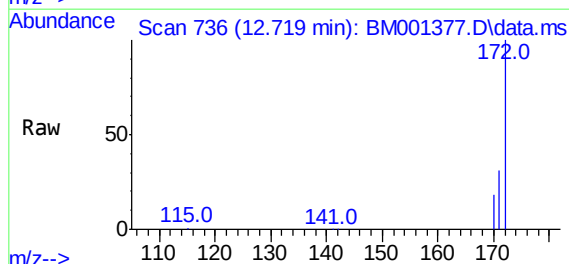
Ion	Ratio	Lower	Upper
330	100		
332	80.4	65.4	98.2
141	27.2	20.2	30.4

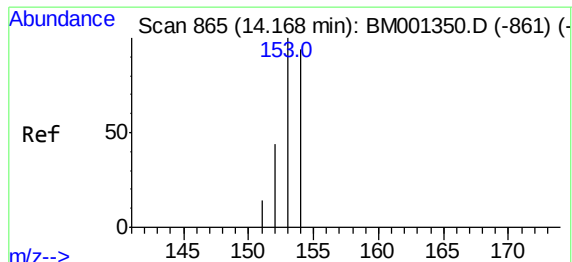


#14
 2-Fluorobiphenyl
 Concen: 6.42 ng
 RT: 12.719 min Scan# 736
 Delta R.T. 0.000 min
 Lab File: BM001377.D
 Acq: 22 May 2015 01:53

Tgt Ion:172 Resp: 69340

Ion	Ratio	Lower	Upper
172	100		
171	30.6	25.4	38.2
170	18.0	15.7	23.5

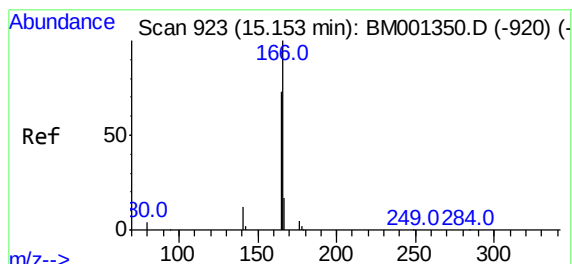
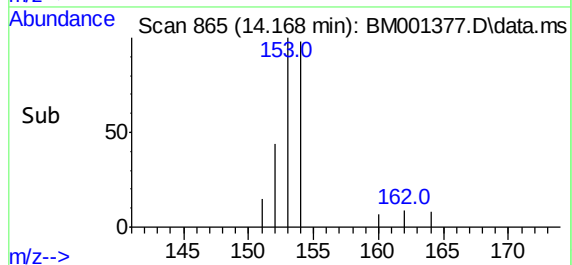
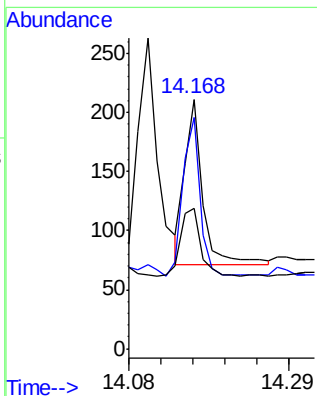
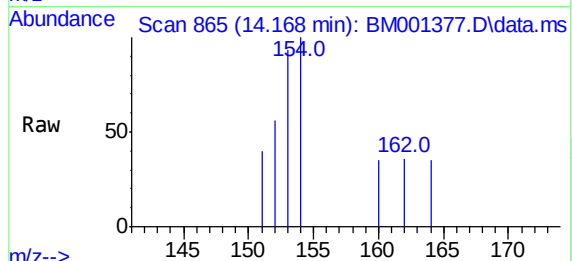




#16
Acenaphthene
Concen: 0.02 ng
RT: 14.168 min Scan# 865
Delta R.T. 0.000 min
Lab File: BM001377.D
Acq: 22 May 2015 01:53

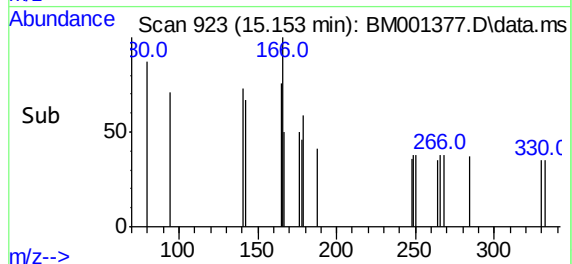
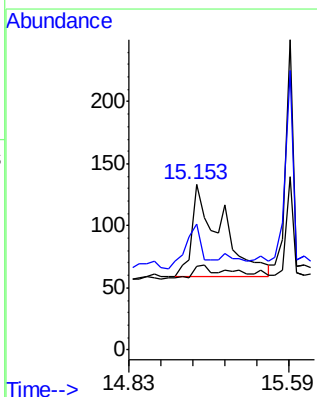
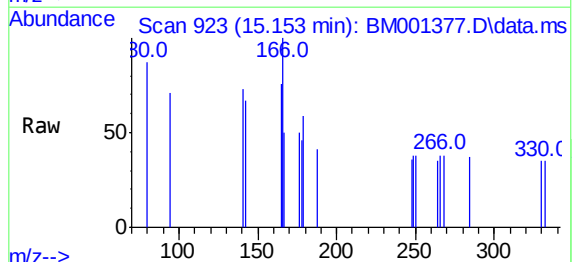
Instrument :
BNA_M
ClientSampleId :
SS043MW014-150512

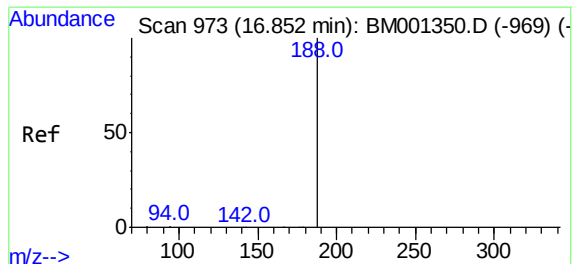
Tgt Ion:154 Resp: 232
Ion Ratio Lower Upper
154 100
153 91.4 90.6 135.8
152 47.8 43.6 65.4



#17
Fluorene
Concen: 0.10 ng
RT: 15.153 min Scan# 923
Delta R.T. 0.000 min
Lab File: BM001377.D
Acq: 22 May 2015 01:53

Tgt Ion:166 Resp: 732
Ion Ratio Lower Upper
166 100
165 26.8 72.5 108.7#
167 0.0 16.0 24.0#

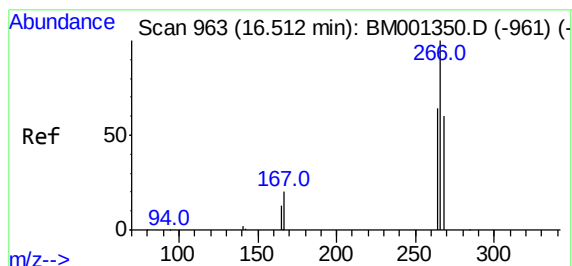
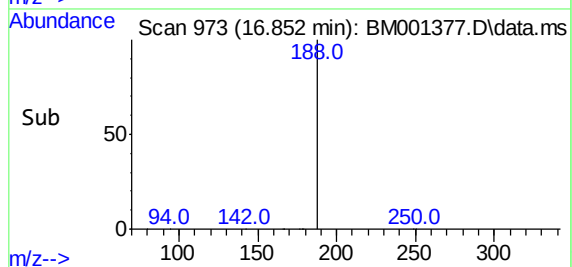
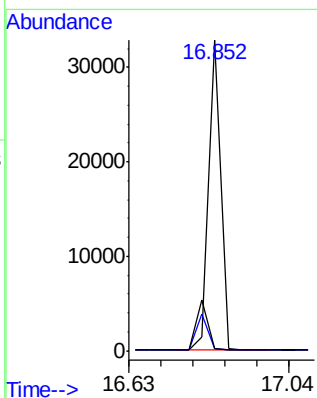
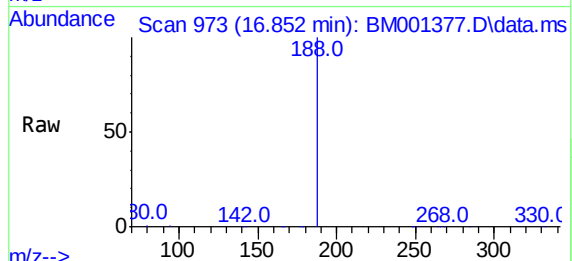




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.852 min Scan# 973
Delta R.T. 0.000 min
Lab File: BM001377.D
Acq: 22 May 2015 01:53

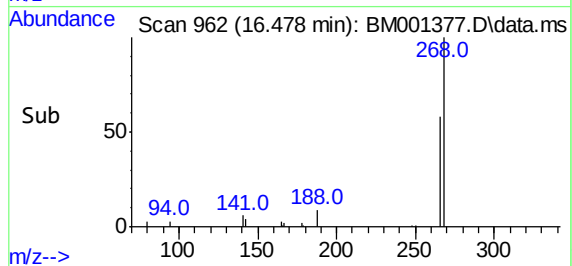
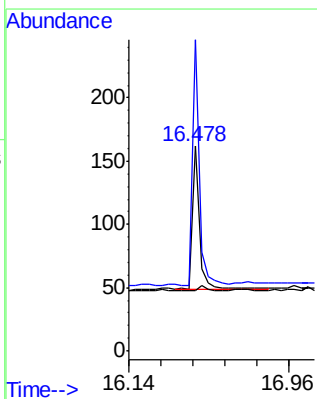
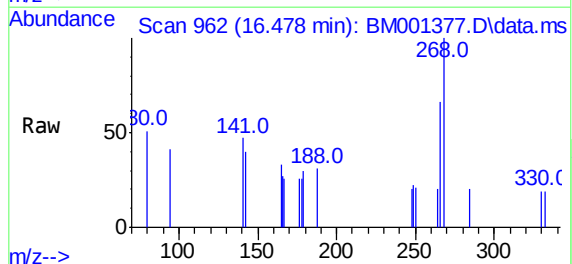
Instrument :
BNA_M
ClientSampleId :
SS043MW014-150512

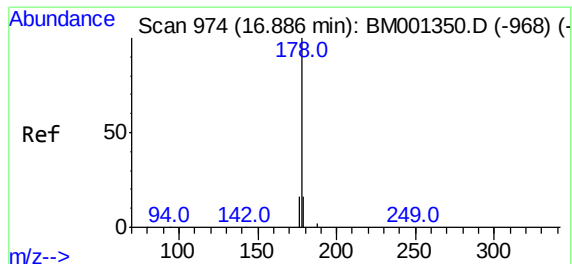
Tgt Ion:188 Resp: 70340
Ion Ratio Lower Upper
188 100
94 0.8 0.6 1.0
80 0.7 0.6 0.8



#21
Pentachlorophenol
Concen: 0.49 ng
RT: 16.478 min Scan# 962
Delta R.T. -0.033 min
Lab File: BM001377.D
Acq: 22 May 2015 01:53

Tgt Ion:266 Resp: 296
Ion Ratio Lower Upper
266 100
268 151.9 51.2 76.8#
264 29.6 53.7 80.5#

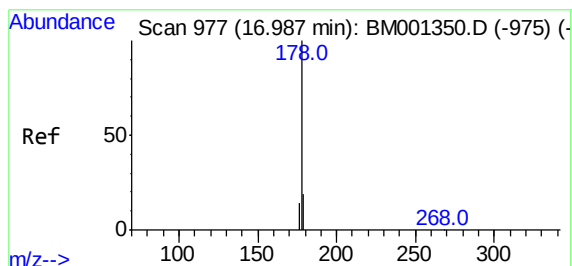
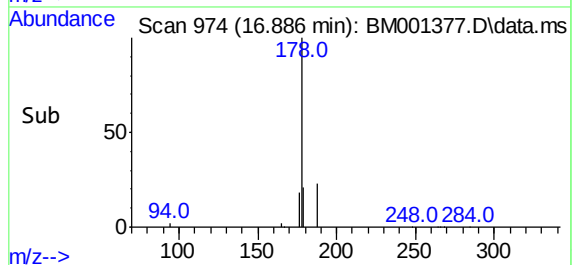
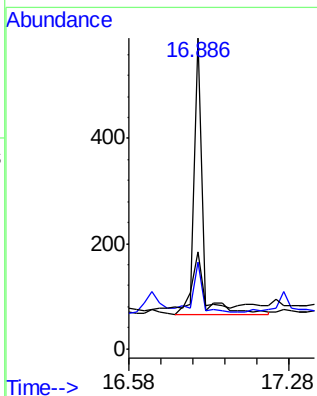
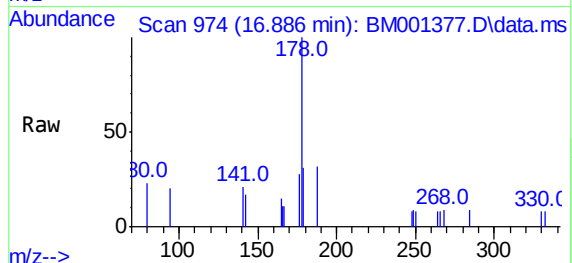




#22
Phenanthrene
Concen: 0.05 ng
RT: 16.886 min Scan# 974
Delta R.T. 0.000 min
Lab File: BM001377.D
Acq: 22 May 2015 01:53

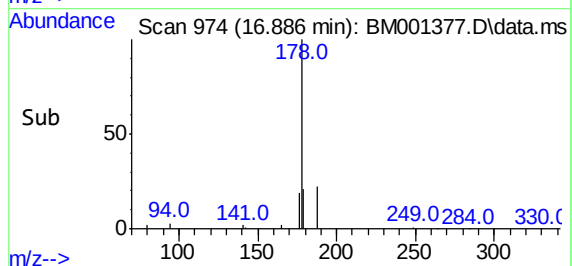
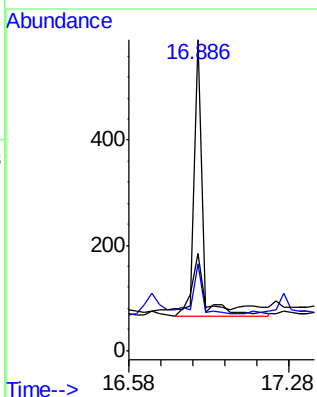
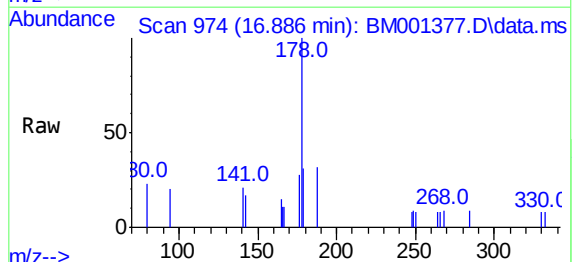
Instrument :
BNA_M
ClientSampleId :
SS043MW014-150512

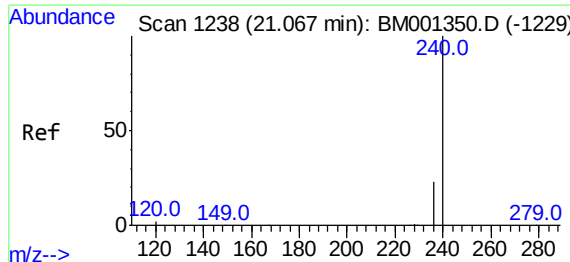
Tgt Ion:178 Resp: 1296
Ion Ratio Lower Upper
178 100
176 21.1 16.6 25.0
179 30.9 12.8 19.2#



#23
Anthracene
Concen: 0.14 ng
RT: 16.886 min Scan# 974
Delta R.T. -0.102 min
Lab File: BM001377.D
Acq: 22 May 2015 01:53

Tgt Ion:178 Resp: 1296
Ion Ratio Lower Upper
178 100
176 20.0 46.1 69.1#
179 30.9 35.4 53.0#

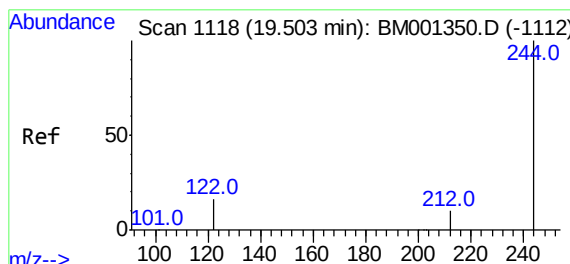
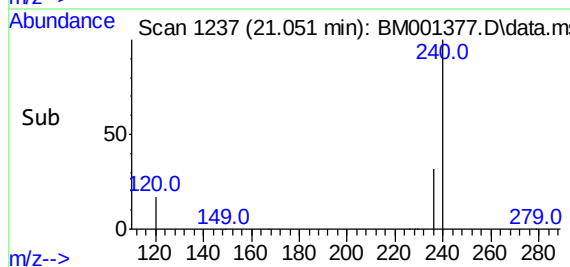
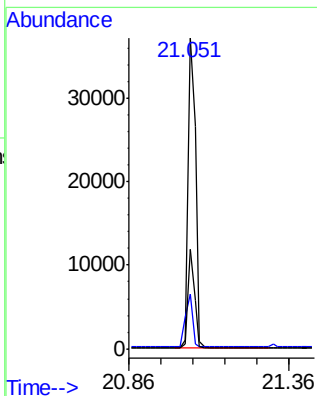
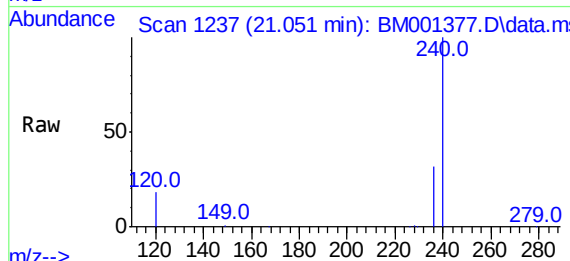




#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.051 min Scan# 1237
Delta R.T. -0.015 min
Lab File: BM001377.D
Acq: 22 May 2015 01:53

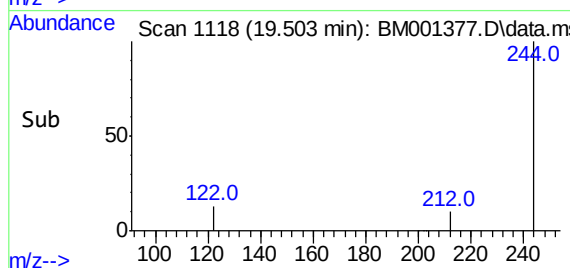
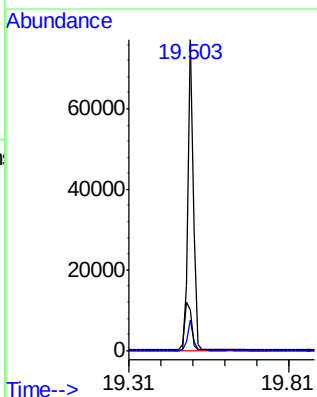
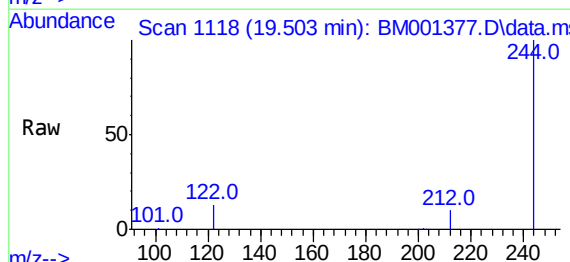
Instrument :
BNA_M
ClientSampleId :
SS043MW014-150512

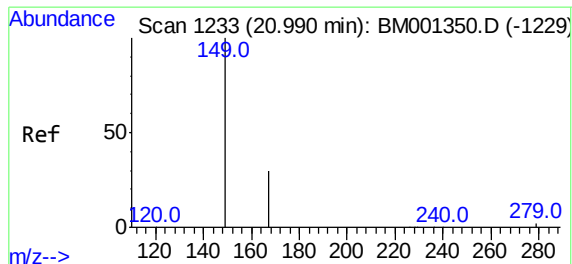
Tgt Ion:240 Resp: 61191
Ion Ratio Lower Upper
240 100
120 17.5 1.6 2.4#
236 32.0 18.5 27.7#



#27
Terphenyl-d14
Concen: 11.27 ng
RT: 19.503 min Scan# 1118
Delta R.T. 0.000 min
Lab File: BM001377.D
Acq: 22 May 2015 01:53

Tgt Ion:244 Resp: 90728
Ion Ratio Lower Upper
244 100
212 9.8 8.5 12.7
122 13.0 13.4 20.2#



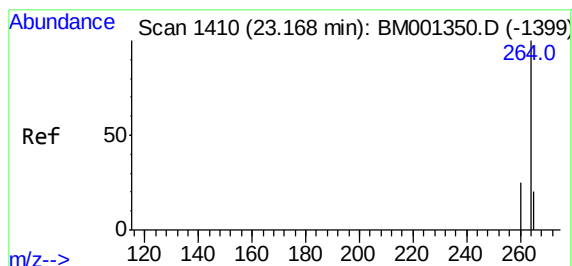
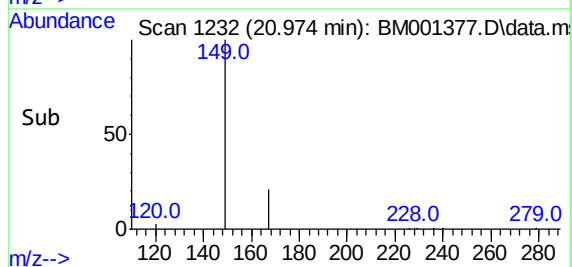
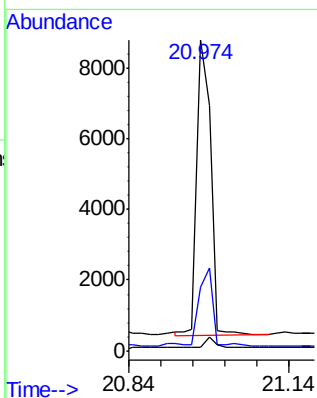
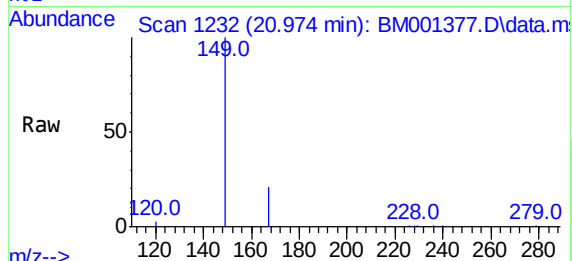


#30
 Bis(2-ethylhexyl)phthalate
 Concen: 1.47 ng
 RT: 20.974 min Scan# 1232
 Delta R.T. -0.015 min
 Lab File: BM001377.D
 Acq: 22 May 2015 01:53

Instrument :
 BNA_M
 ClientSampleId :
 SS043MW014-150512

Tgt Ion:149 Resp: 14446

Ion	Ratio	Lower	Upper
149	100		
167	26.5	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: BM001377.D
 Acq: 22 May 2015 01:53

Tgt Ion:264 Resp: 41747

Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.4	30.6
265	23.2	16.6	24.8

