

Data Path : Z:\HPCHEM1\BNA_M\Data\BM052015\
 Data File : BM001373.D
 Acq On : 21 May 2015 23:31
 Operator : TP/IZ
 Sample : G2255-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LF017MW005-150512

Quant Time: May 22 05:31:59 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

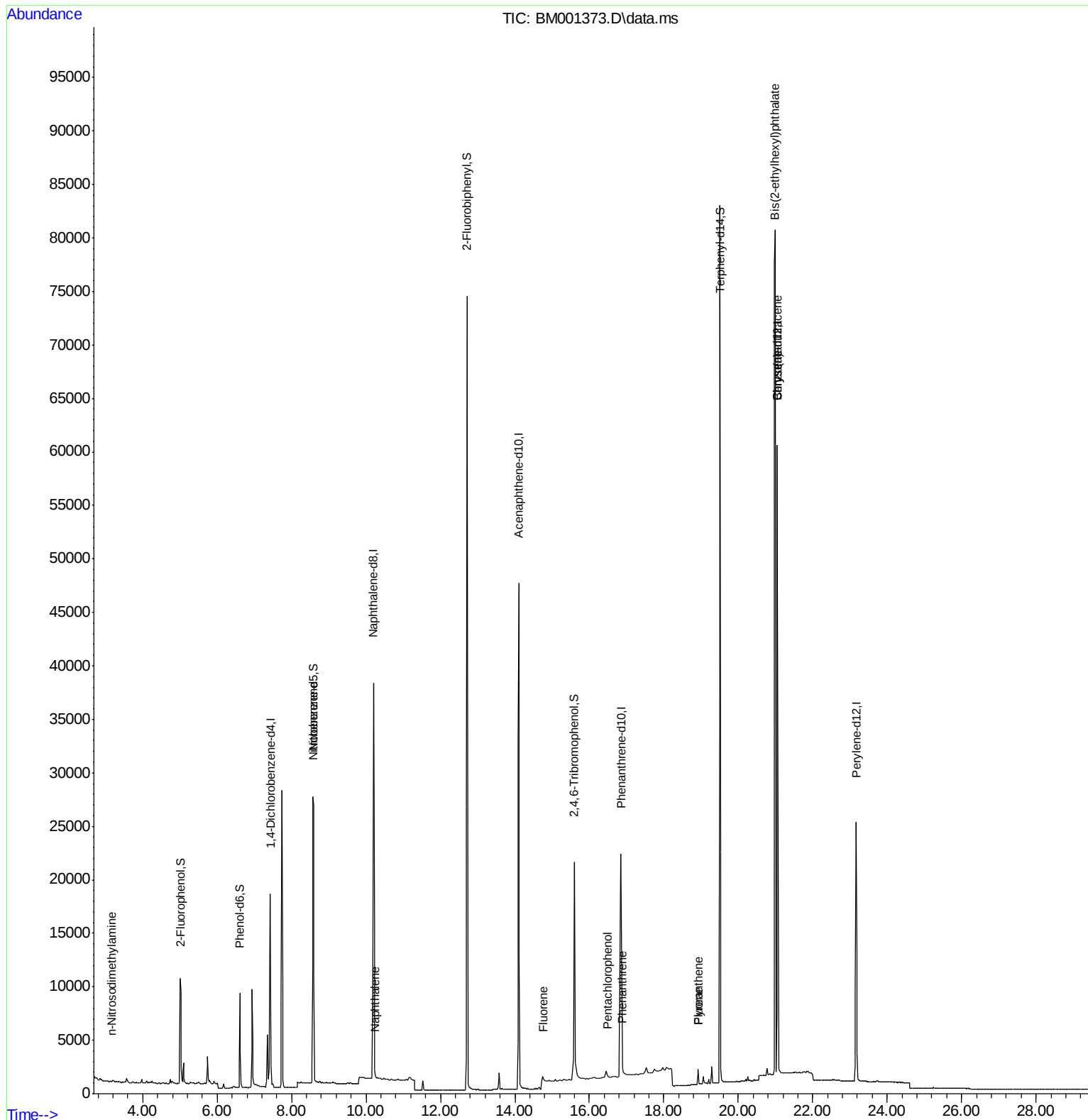
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.432	152	11320	5.00	ng	0.00
6) Naphthalene-d8	10.199	136	49162	5.00	ng	0.00
12) Acenaphthene-d10	14.107	164	28838	5.00	ng	0.00
18) Phenanthrene-d10	16.852	188	47854	5.00	ng	# 0.00
25) Chrysene-d12	21.051	240	60799	5.00	ng	#-0.02
32) Perylene-d12	23.168	264	31033	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.021	112	9444	4.30	ng	0.00
5) Phenol-d6	6.613	99	8767	3.20	ng	0.00
7) Nitrobenzene-d5	8.586	82	23888	9.01	ng	0.00
13) 2,4,6-Tribromophenol	15.595	330	19820	16.47	ng	0.00
14) 2-Fluorobiphenyl	12.709	172	73594	8.56	ng	-0.01
27) Terphenyl-d14	19.503	244	80137	10.02	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.166	42	83	0.06	ng	# 1
8) Nitrobenzene	8.575	77	82	0.14	ng	# 14
9) Naphthalene	10.250	128	347	0.03	ng	# 2
17) Fluorene	14.746	166	366	0.06	ng	# 1
21) Pentachlorophenol	16.478	266	249	0.51	ng	# 15
22) Phenanthrene	16.886	178	544	0.03	ng	# 76
24) Fluoranthene	18.922	202	1407	0.10	ng	# 92
26) Pyrene	18.922	202	1407	0.08	ng	97
28) Benzo(a)anthracene	21.051	228	431	0.02	ng	# 34
29) Chrysene	21.051	228	431	0.03	ng	# 26
30) Bis(2-ethylhexyl)phtha...	20.974	149	113279	10.27	ng	98

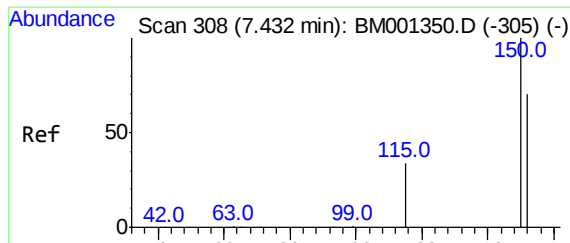
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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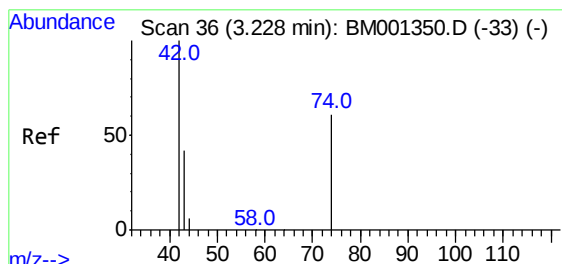
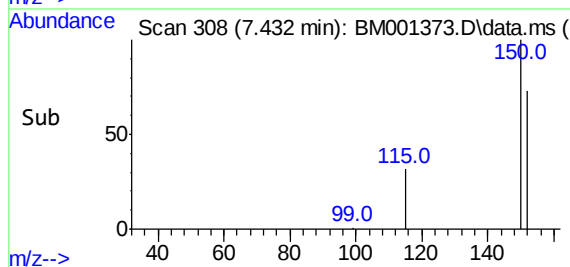
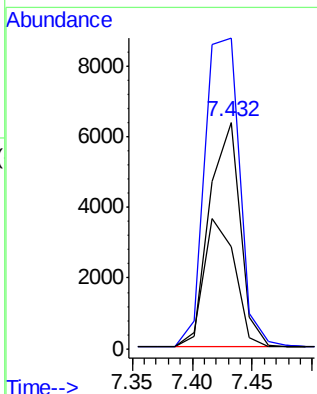
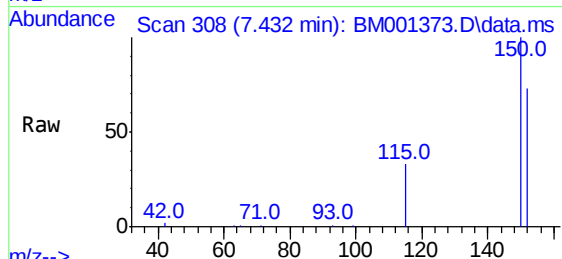




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.432 min Scan# 308
Delta R.T. 0.000 min
Lab File: BM001373.D
Acq: 21 May 2015 23:31

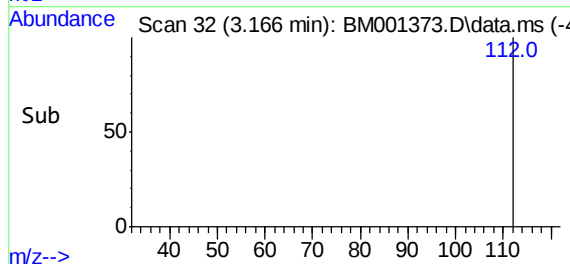
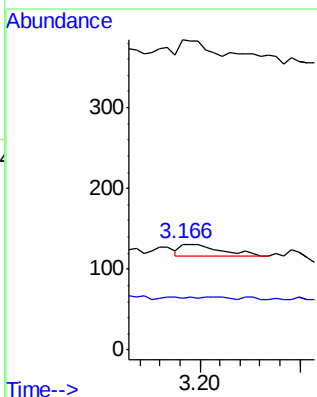
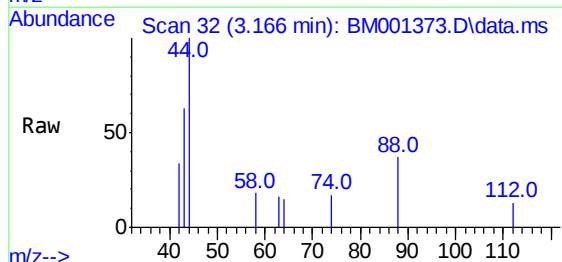
Instrument :
BNA_M
ClientSampleId :
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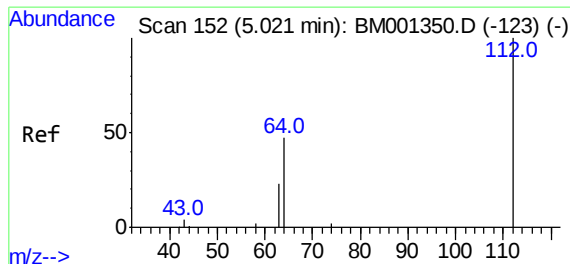
Tgt Ion:152 Resp: 11320
Ion Ratio Lower Upper
152 100
150 136.9 114.1 171.1
115 45.2 39.2 58.8



#3
n-Nitrosodimethylamine
Concen: 0.06 ng
RT: 3.166 min Scan# 32
Delta R.T. -0.062 min
Lab File: BM001373.D
Acq: 21 May 2015 23:31

Tgt Ion: 42 Resp: 83
Ion Ratio Lower Upper
42 100
74 0.0 70.0 105.0#
44 80.7 3.6 5.4#

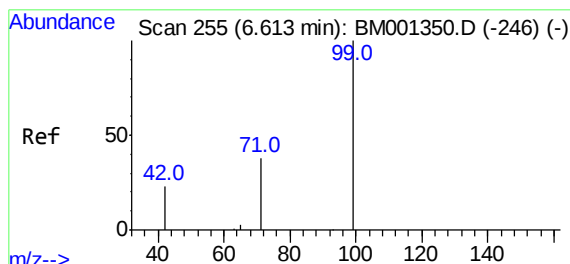
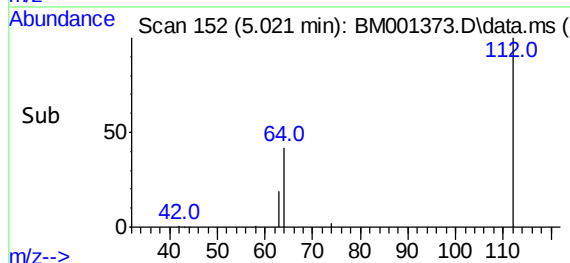
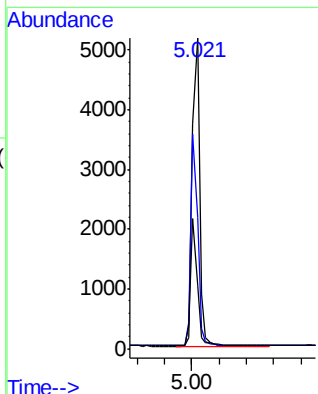
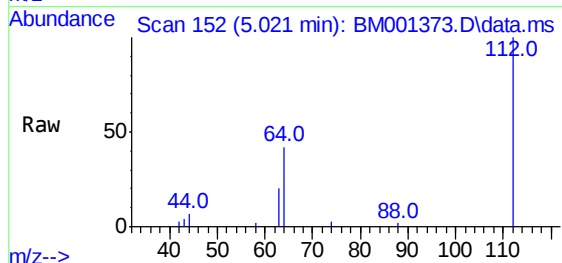




#4
2-Fluorophenol
Concen: 4.30 ng
RT: 5.021 min Scan# 152
Delta R.T. 0.000 min
Lab File: BM001373.D
Acq: 21 May 2015 23:31

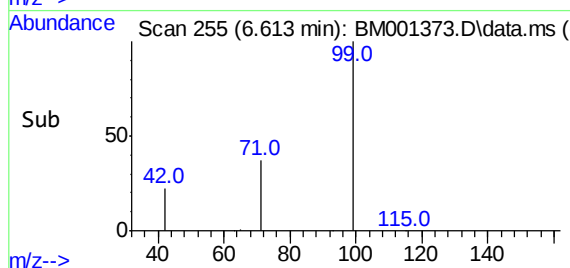
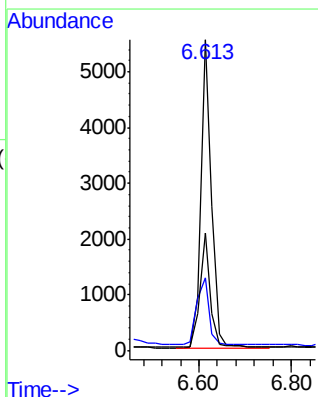
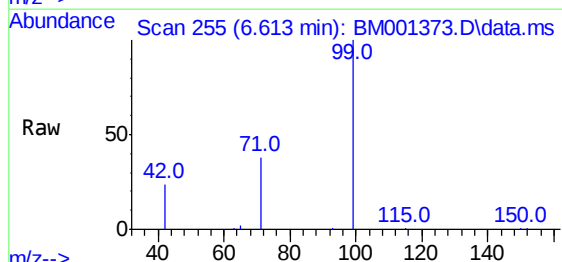
Instrument :
BNA_M
ClientSampleId :
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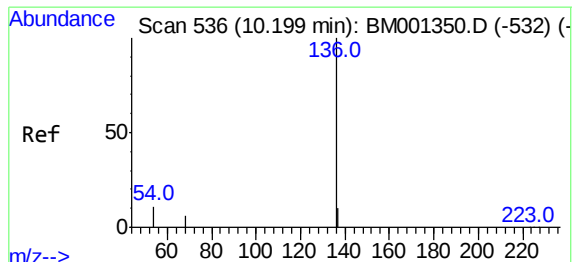
Tgt Ion: 112 Resp: 9444
Ion Ratio Lower Upper
112 100
64 64.2 52.9 79.3
63 37.4 29.6 44.4



#5
Phenol-d6
Concen: 3.20 ng
RT: 6.613 min Scan# 255
Delta R.T. 0.000 min
Lab File: BM001373.D
Acq: 21 May 2015 23:31

Tgt Ion: 99 Resp: 8767
Ion Ratio Lower Upper
99 100
42 24.9 21.4 32.2
71 36.6 29.0 43.4

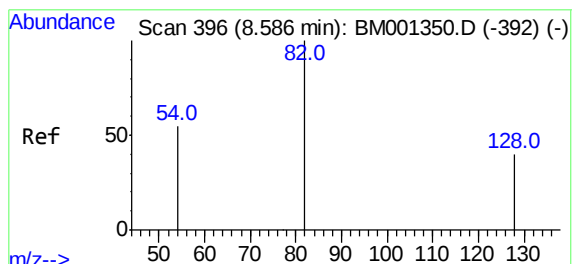
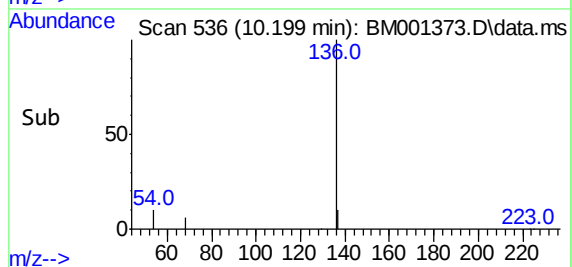
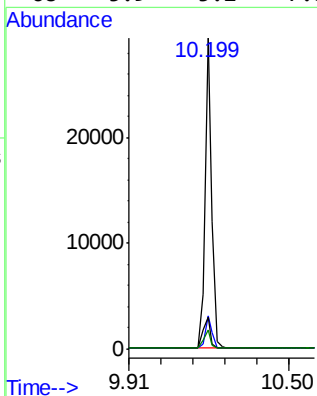
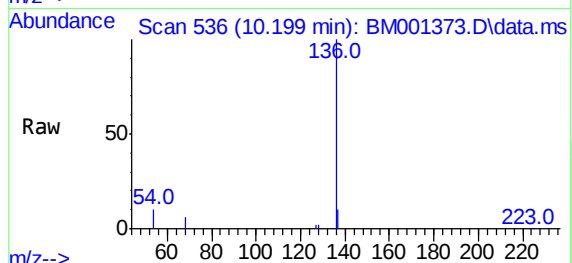




#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.199 min Scan# 536
Delta R.T. 0.000 min
Lab File: BM001373.D
Acq: 21 May 2015 23:31

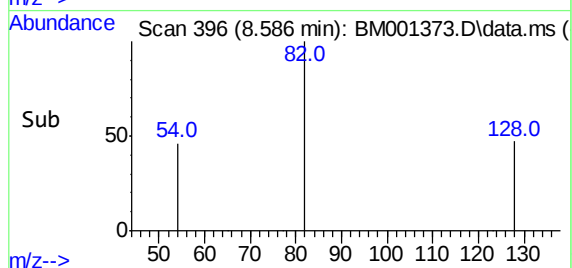
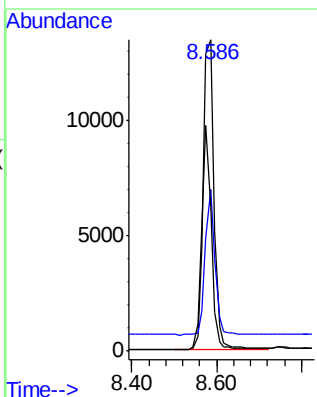
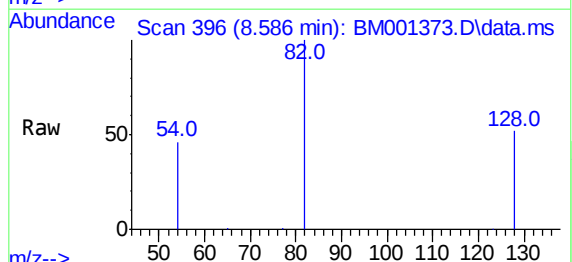
Instrument :
BNA_M
ClientSampleId :
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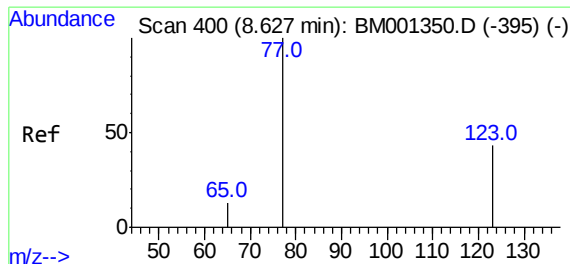
Tgt Ion:	136	Resp:	49162
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.2	12.4
54	10.0	9.4	14.0
68	5.9	5.2	7.8



#7
Nitrobenzene-d5
Concen: 9.01 ng
RT: 8.586 min Scan# 396
Delta R.T. 0.000 min
Lab File: BM001373.D
Acq: 21 May 2015 23:31

Tgt Ion:	82	Resp:	23888
Ion	Ratio	Lower	Upper
82	100		
128	51.9	33.5	50.3#
54	46.0	45.1	67.7

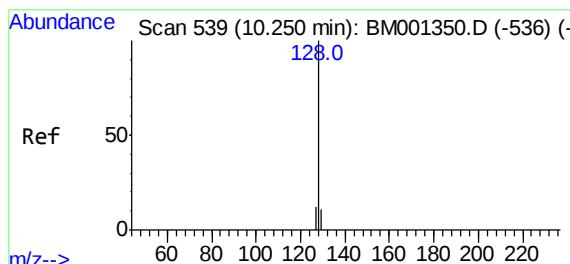
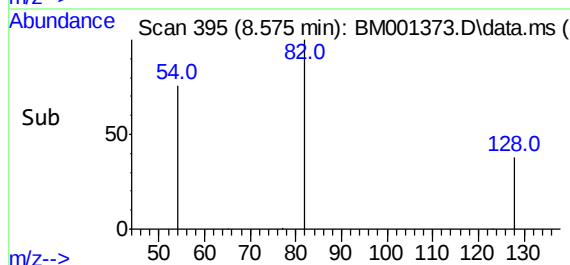
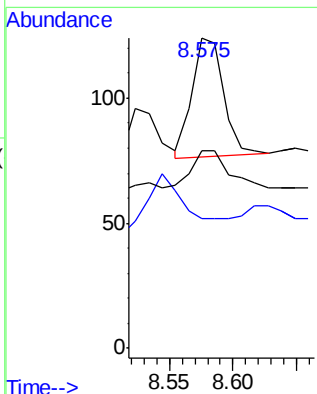
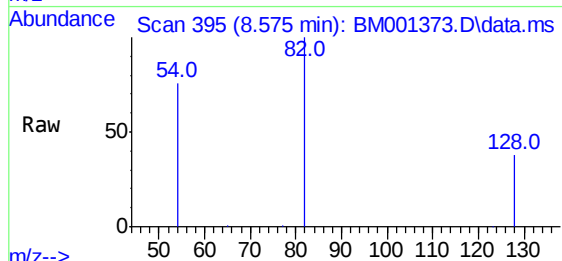




#8
Nitrobenzene
Concen: 0.14 ng
RT: 8.575 min Scan# 395
Delta R.T. -0.052 min
Lab File: BM001373.D
Acq: 21 May 2015 23:31

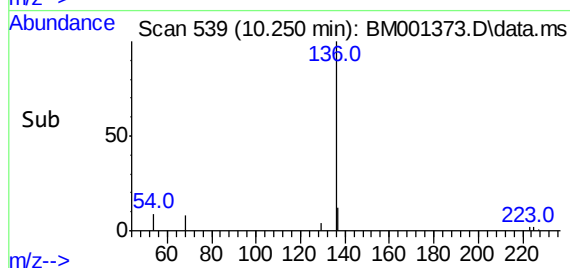
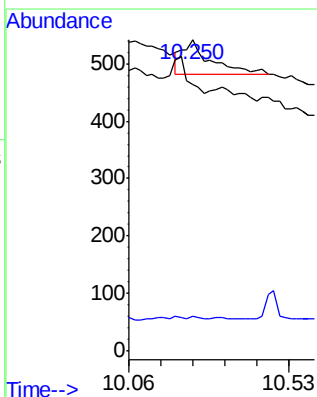
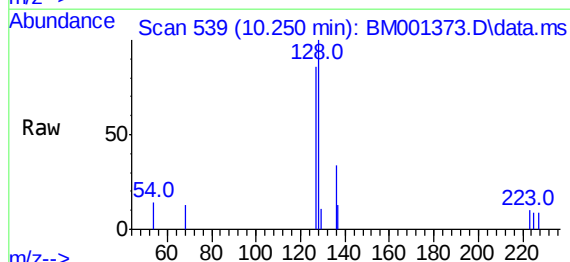
Instrument :
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ClientSampleId :
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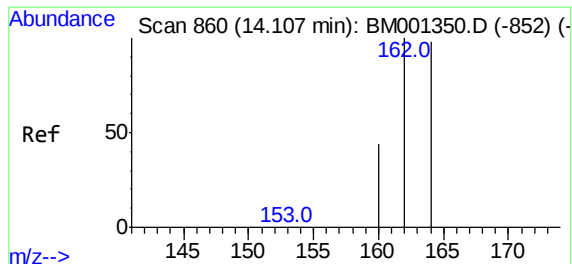
Tgt Ion: 77 Resp: 82
Ion Ratio Lower Upper
77 100
123 0.0 33.6 50.4#
65 73.2 11.3 16.9#



#9
Naphthalene
Concen: 0.03 ng
RT: 10.250 min Scan# 539
Delta R.T. 0.000 min
Lab File: BM001373.D
Acq: 21 May 2015 23:31

Tgt Ion: 128 Resp: 347
Ion Ratio Lower Upper
128 100
129 10.9 9.1 13.7
127 85.8 10.4 15.6#

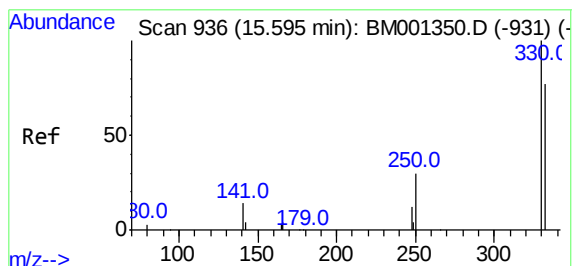
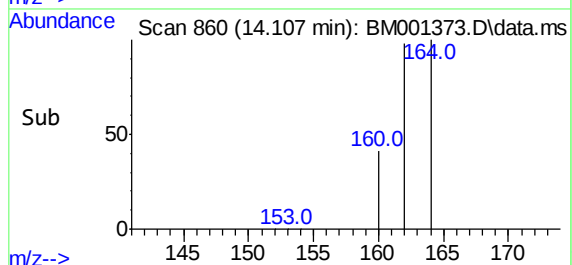
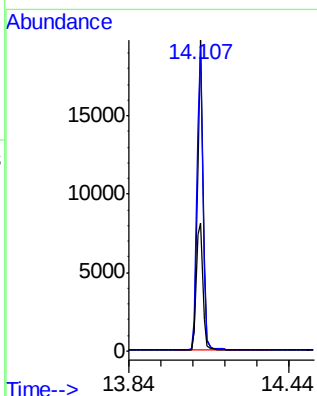
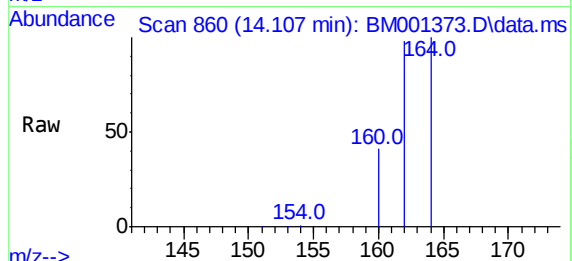




#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.107 min Scan# 860
Delta R.T. 0.000 min
Lab File: BM001373.D
Acq: 21 May 2015 23:31

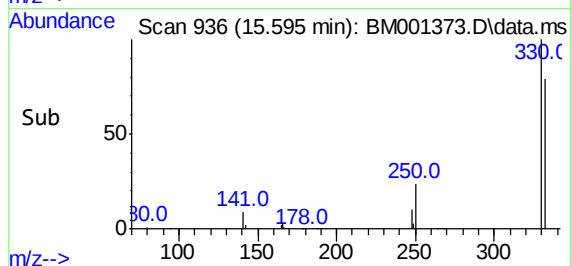
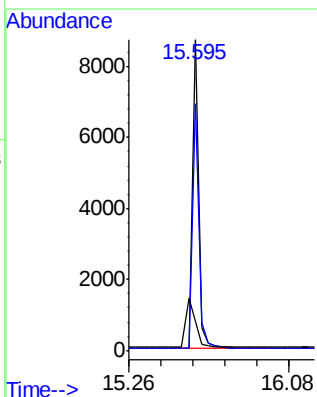
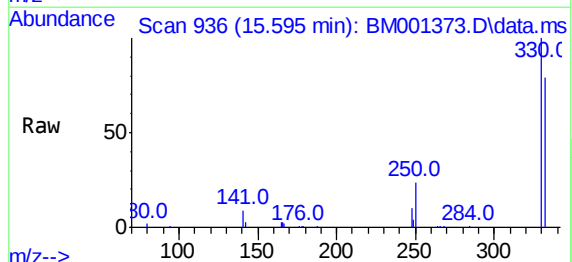
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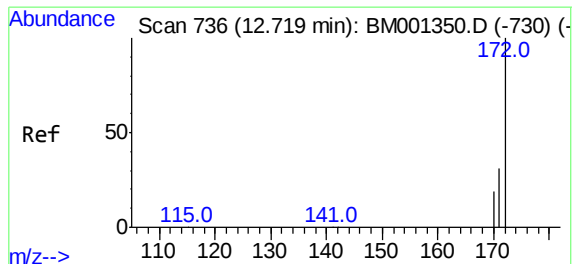
Tgt Ion:164 Resp: 28838
Ion Ratio Lower Upper
164 100
162 98.1 81.8 122.8
160 41.1 35.8 53.8



#13
2,4,6-Tribromophenol
Concen: 16.47 ng
RT: 15.595 min Scan# 936
Delta R.T. 0.001 min
Lab File: BM001373.D
Acq: 21 May 2015 23:31

Tgt Ion:330 Resp: 19820
Ion Ratio Lower Upper
330 100
332 82.7 65.4 98.2
141 0.0 20.2 30.4#

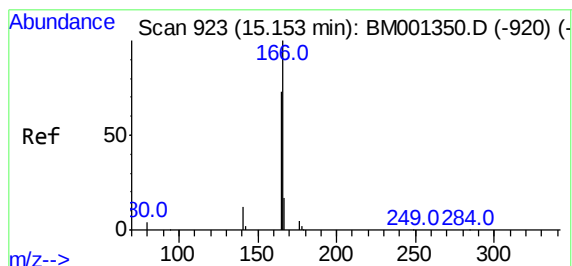
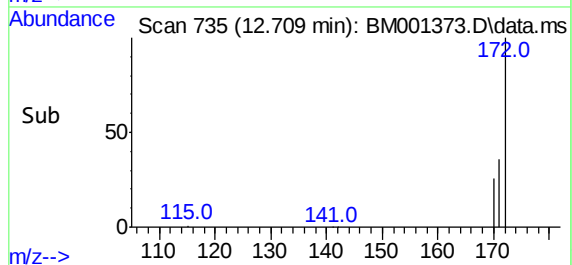
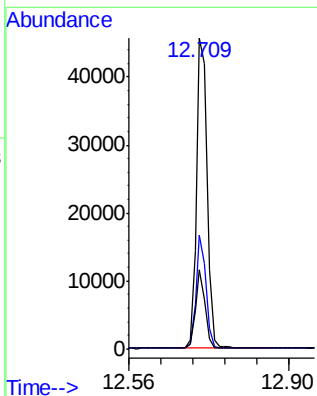
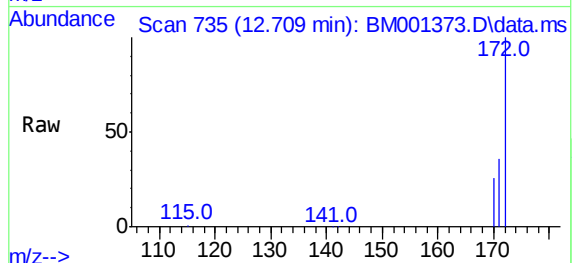




#14
2-Fluorobiphenyl
Concen: 8.56 ng
RT: 12.709 min Scan# 735
Delta R.T. -0.010 min
Lab File: BM001373.D
Acq: 21 May 2015 23:31

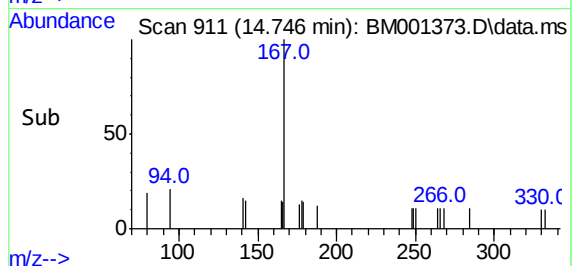
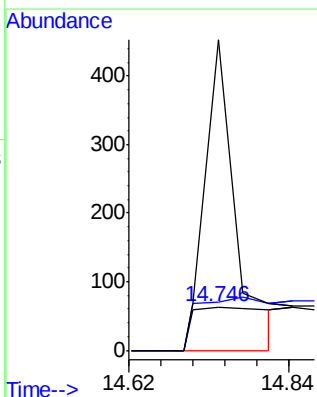
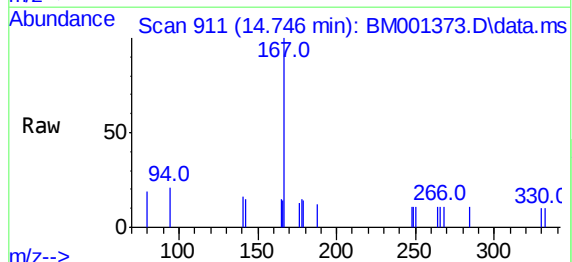
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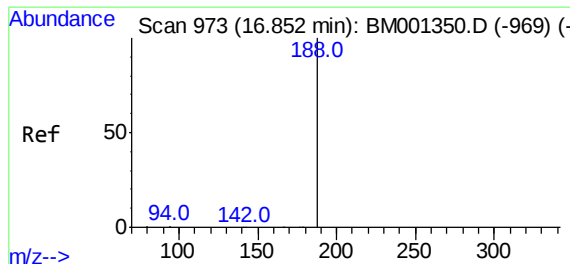
Tgt Ion:172 Resp: 73594
Ion Ratio Lower Upper
172 100
171 36.4 25.4 38.2
170 25.6 15.7 23.5#



#17
Fluorene
Concen: 0.06 ng
RT: 14.746 min Scan# 911
Delta R.T. -0.408 min
Lab File: BM001373.D
Acq: 21 May 2015 23:31

Tgt Ion:166 Resp: 366
Ion Ratio Lower Upper
166 100
165 0.0 72.5 108.7#
167 322.7 16.0 24.0#

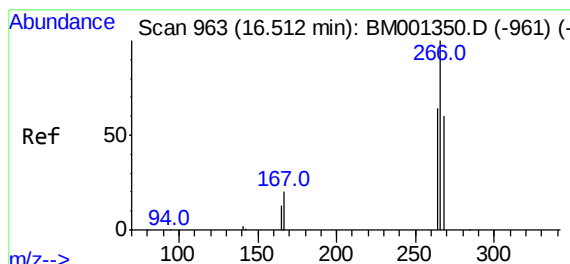
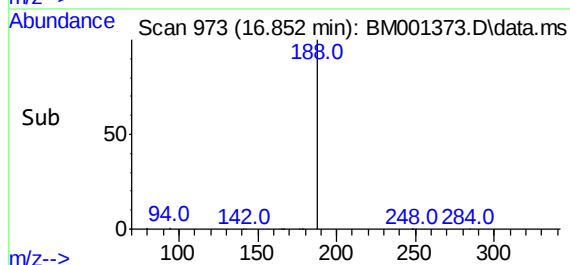
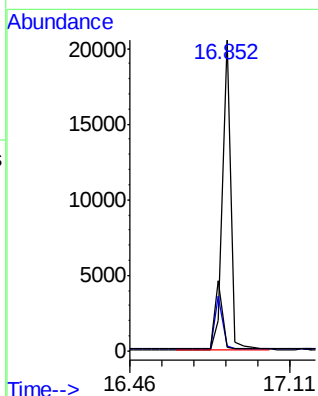
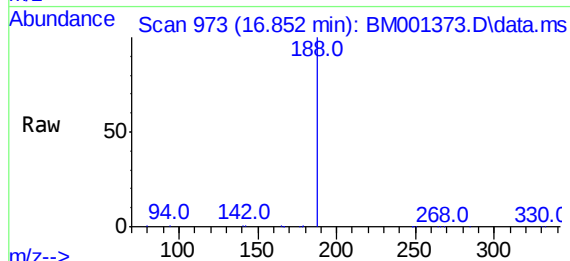




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.852 min Scan# 973
Delta R.T. 0.000 min
Lab File: BM001373.D
Acq: 21 May 2015 23:31

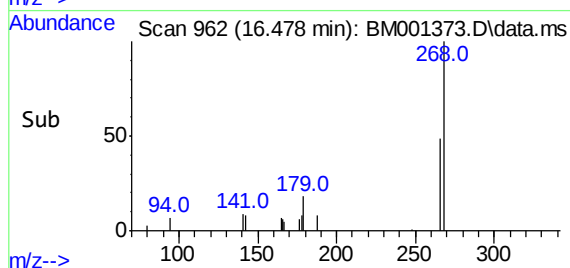
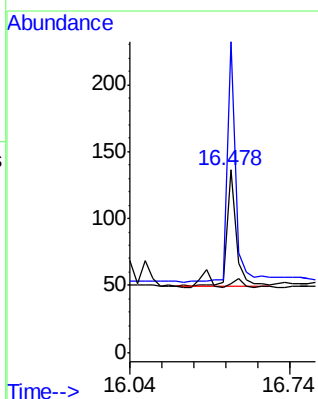
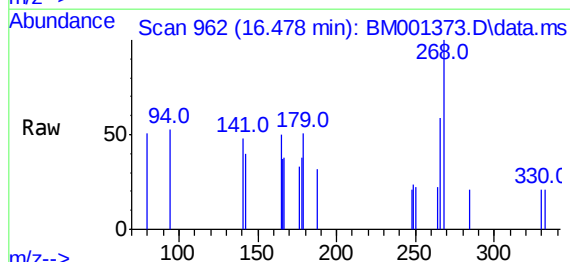
Instrument :
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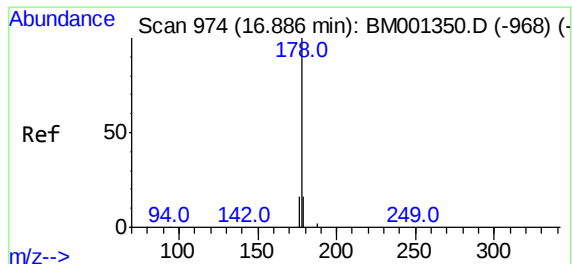
Tgt Ion:188 Resp: 47854
Ion Ratio Lower Upper
188 100
94 1.4 0.6 1.0#
80 1.3 0.6 0.8#



#21
Pentachlorophenol
Concen: 0.51 ng
RT: 16.478 min Scan# 962
Delta R.T. -0.033 min
Lab File: BM001373.D
Acq: 21 May 2015 23:31

Tgt Ion:266 Resp: 249
Ion Ratio Lower Upper
266 100
268 170.6 51.2 76.8#
264 37.5 53.7 80.5#

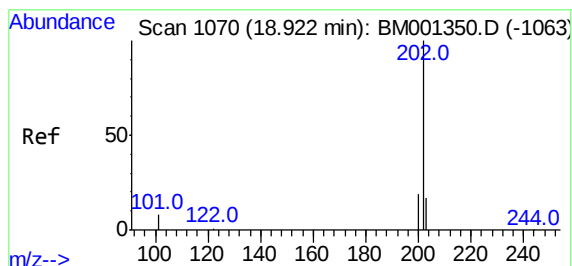
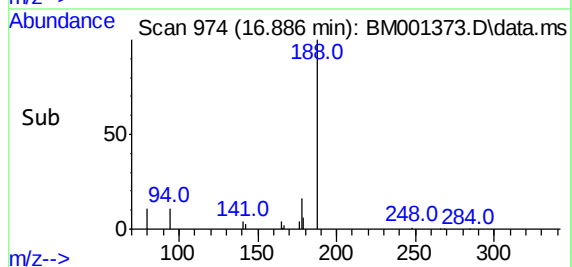
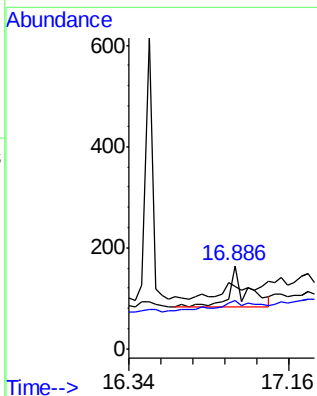
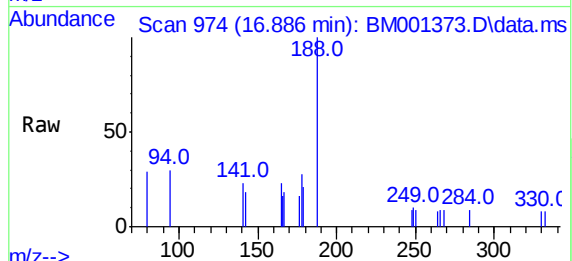




#22
Phenanthrene
Concen: 0.03 ng
RT: 16.886 min Scan# 974
Delta R.T. 0.000 min
Lab File: BM001373.D
Acq: 21 May 2015 23:31

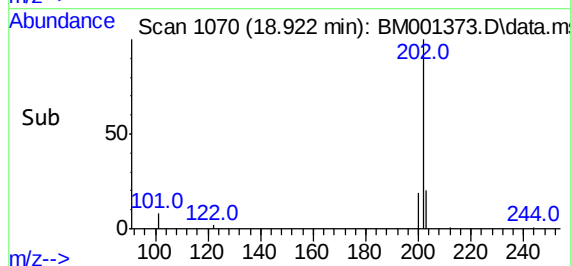
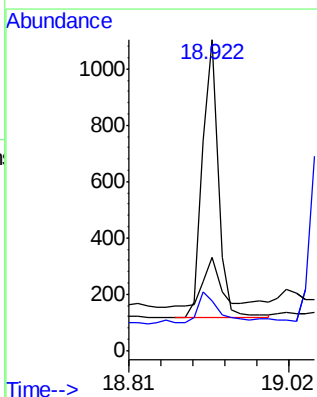
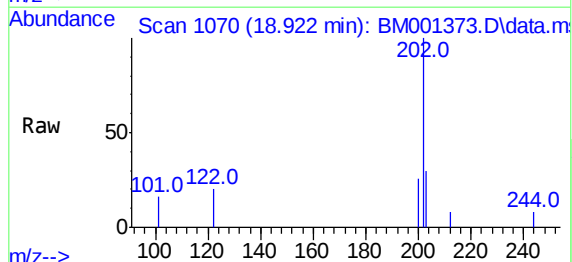
Instrument :
BNA_M
ClientSampleId :
LF017MW005-150512

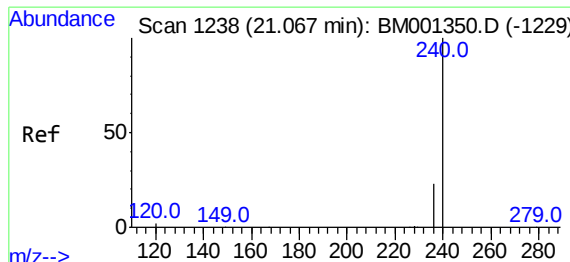
Tgt Ion:178 Resp: 544
Ion Ratio Lower Upper
178 100
176 26.8 16.6 25.0#
179 0.0 12.8 19.2#



#24
Fluoranthene
Concen: 0.10 ng
RT: 18.922 min Scan# 1070
Delta R.T. 0.000 min
Lab File: BM001373.D
Acq: 21 May 2015 23:31

Tgt Ion:202 Resp: 1407
Ion Ratio Lower Upper
202 100
101 16.3 8.7 13.1#
203 19.3 13.8 20.6

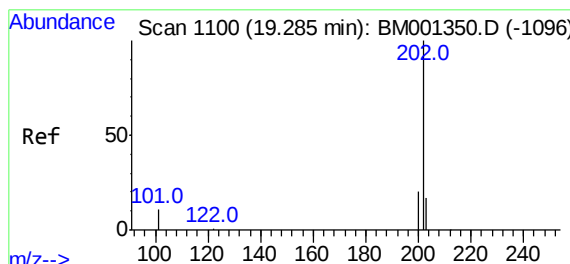
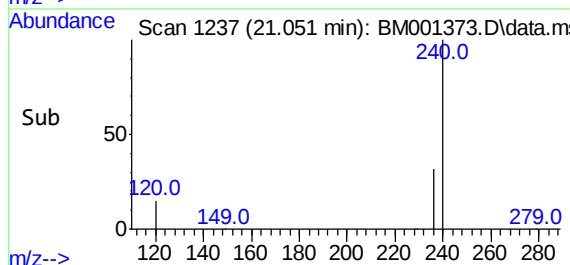
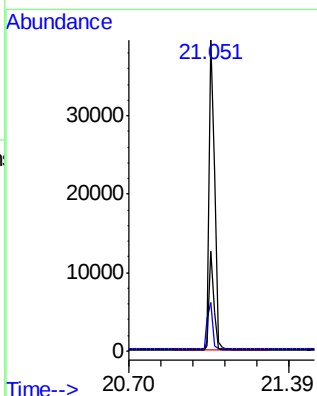
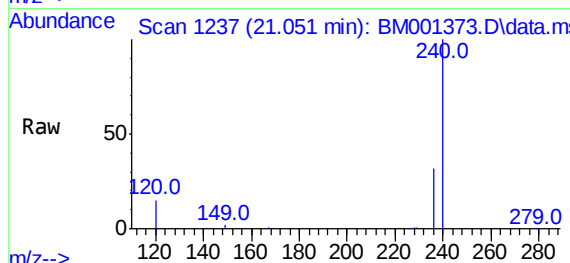




#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.051 min Scan# 1237
Delta R.T. -0.015 min
Lab File: BM001373.D
Acq: 21 May 2015 23:31

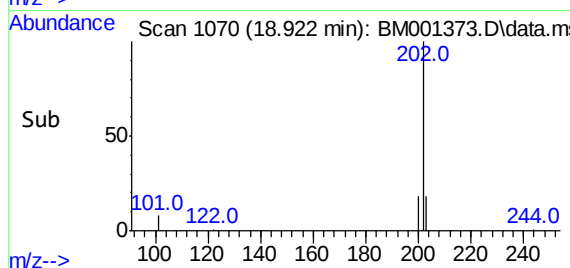
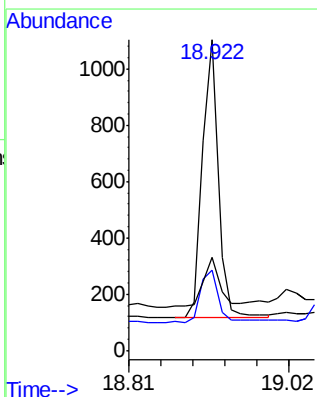
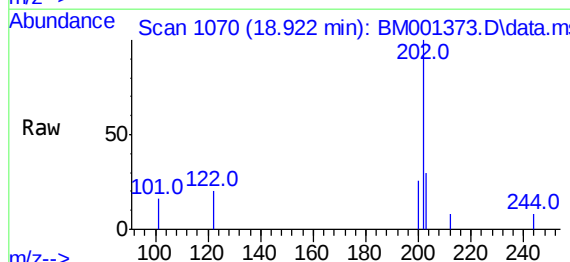
Instrument :
BNA_M
ClientSampleId :
LF017MW005-150512

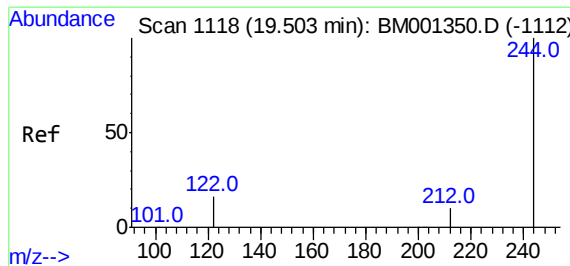
Tgt Ion:240 Resp: 60799
Ion Ratio Lower Upper
240 100
120 15.4 1.6 2.4#
236 32.1 18.5 27.7#



#26
Pyrene
Concen: 0.08 ng
RT: 18.922 min Scan# 1070
Delta R.T. -0.363 min
Lab File: BM001373.D
Acq: 21 May 2015 23:31

Tgt Ion:202 Resp: 1407
Ion Ratio Lower Upper
202 100
200 21.4 16.2 24.4
203 19.3 13.9 20.9

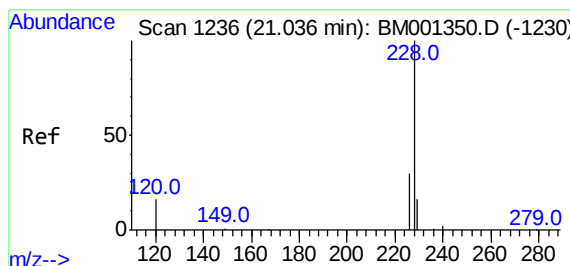
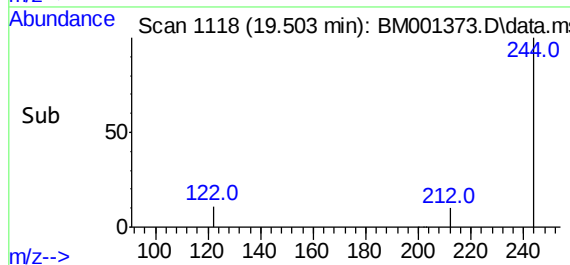
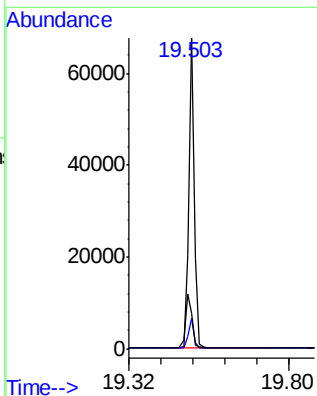
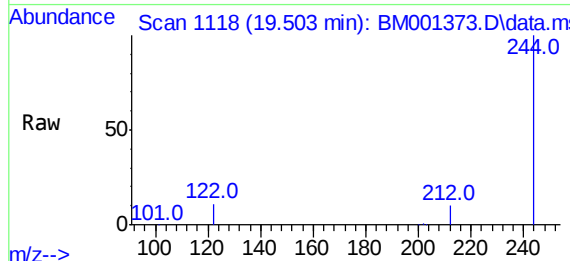




#27
 Terphenyl-d14
 Concen: 10.02 ng
 RT: 19.503 min Scan# 1118
 Delta R.T. 0.000 min
 Lab File: BM001373.D
 Acq: 21 May 2015 23:31

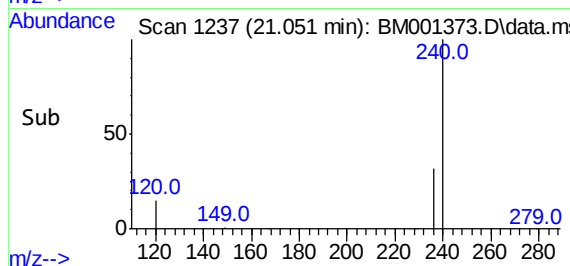
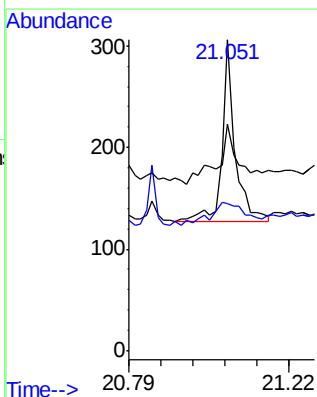
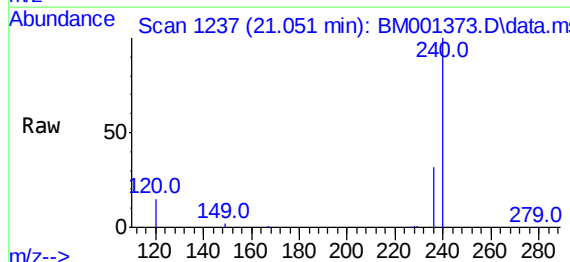
Instrument :
 BNA_M
 ClientSampleId :
 LF017MW005-150512

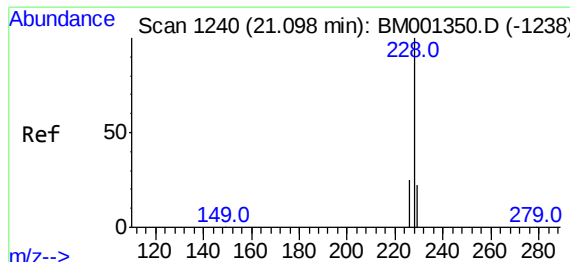
Tgt Ion:	244	Resp:	80137
Ion Ratio	Lower	Upper	
244	100		
212	9.7	8.5	12.7
122	11.4	13.4	20.2



#28
 Benzo(a)anthracene
 Concen: 0.02 ng
 RT: 21.051 min Scan# 1237
 Delta R.T. 0.016 min
 Lab File: BM001373.D
 Acq: 21 May 2015 23:31

Tgt Ion:	228	Resp:	431
Ion Ratio	Lower	Upper	
228	100		
226	47.4	24.5	36.7
229	72.9	13.3	19.9





#29

Chrysene

Concen: 0.03 ng

RT: 21.051 min Scan# 1237

Delta R.T. -0.046 min

Lab File: BM001373.D

Acq: 21 May 2015 23:31

Instrument :

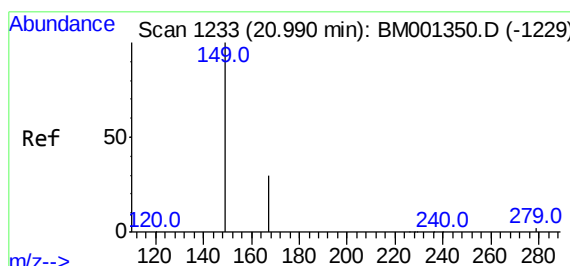
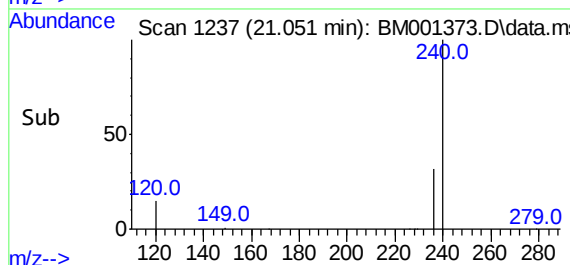
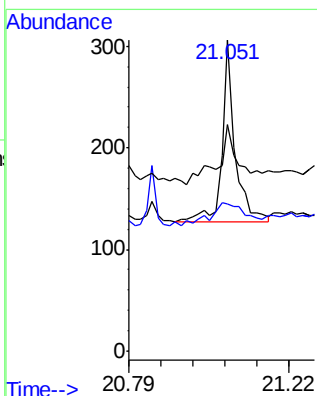
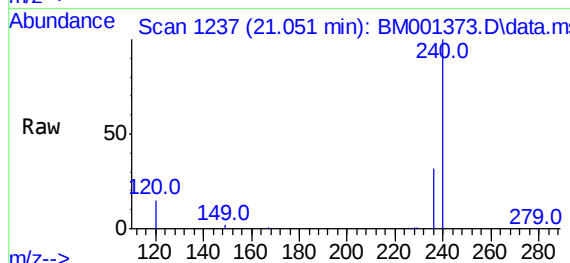
BNA_M

ClientSampleId :

LF017MW005-150512

Tgt Ion:228 Resp: 431

Ion	Ratio	Lower	Upper
228	100		
226	47.4	20.0	30.0#
229	72.9	17.6	26.4#



#30

Bis(2-ethylhexyl)phthalate

Concen: 10.27 ng

RT: 20.974 min Scan# 1232

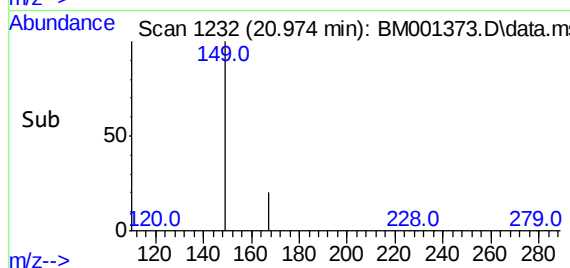
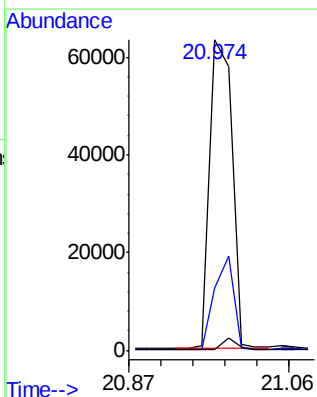
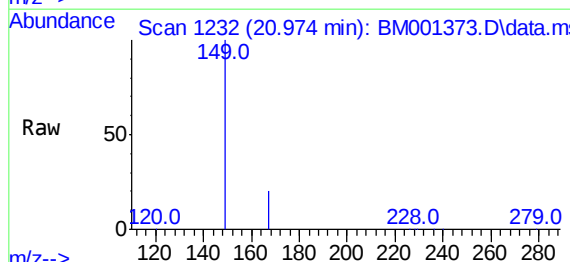
Delta R.T. -0.015 min

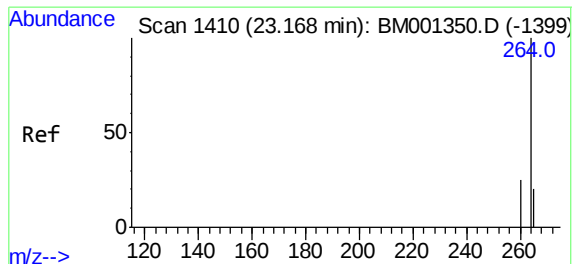
Lab File: BM001373.D

Acq: 21 May 2015 23:31

Tgt Ion:149 Resp: 113279

Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.6	32.4
279	2.5	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: BM001373.D
Acq: 21 May 2015 23:31

Instrument :
BNA_M
ClientSampleId :
LF017MW005-150512

Tgt Ion:264 Resp: 31033

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.4	30.6
265	23.9	16.6	24.8

