

Data Path : Z:\HPCHEM1\BNA M\DATA\BM013016\
 Data File : BM004151.D
 Acq On : 29 Jan 2016 18:01
 Operator : SJ/IZ
 Sample : H1281-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 YT-MW07

Manual Integrations
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 2/1/2016 2:28:02 PM

Quant Time: Jan 30 02:21:11 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM012216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 22 14:46:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	19127	5.00	ng	0.00
7) Naphthalene-d8	10.44	136	88235	5.00	ng	0.00
13) Acenaphthene-d10	14.31	164	52788	5.00	ng	0.00
19) Phenanthrene-d10	17.06	188	143955	5.00	ng	0.00
26) Chrysene-d12	21.27	240	144337	5.00	ng	0.00
35) Perylene-d12	23.51	264	148187	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	8602	2.16	ng	-0.02
5) Phenol-d6	6.85	99	8182	1.70	ng	0.00
8) Nitrobenzene-d5	8.83	82	11347	2.94	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	14637	7.10	ng	0.00
15) 2-Fluorobiphenyl	12.93	172	54961	3.40	ng	0.00
29) Terphenyl-d14	19.71	244	85861	4.68	ng	0.00

Target Compounds						Qvalue
10) Naphthalene	10.49	128	5186m	0.25	ng	
12) 2-Methylnaphthalene	12.12	142	1174	0.09	ng	# 84
17) Acenaphthene	14.37	154	2269m	0.13	ng	
18) Fluorene	15.37	166	2947	0.14	ng	# 88
22) Pentachlorophenol	16.73	266	509	0.57	ng	# 88
24) Anthracene	17.19	178	1592	0.05	ng	# 67
34) Indeno(1,2,3-cd)pyrene	25.77	276	1146	0.05	ng	99
39) Dibenzo(a,h)anthracene	25.78	278	1144	0.03	ng	# 44
40) Benzo(g,h,i)perylene	26.46	276	831	0.02	ng	# 55

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

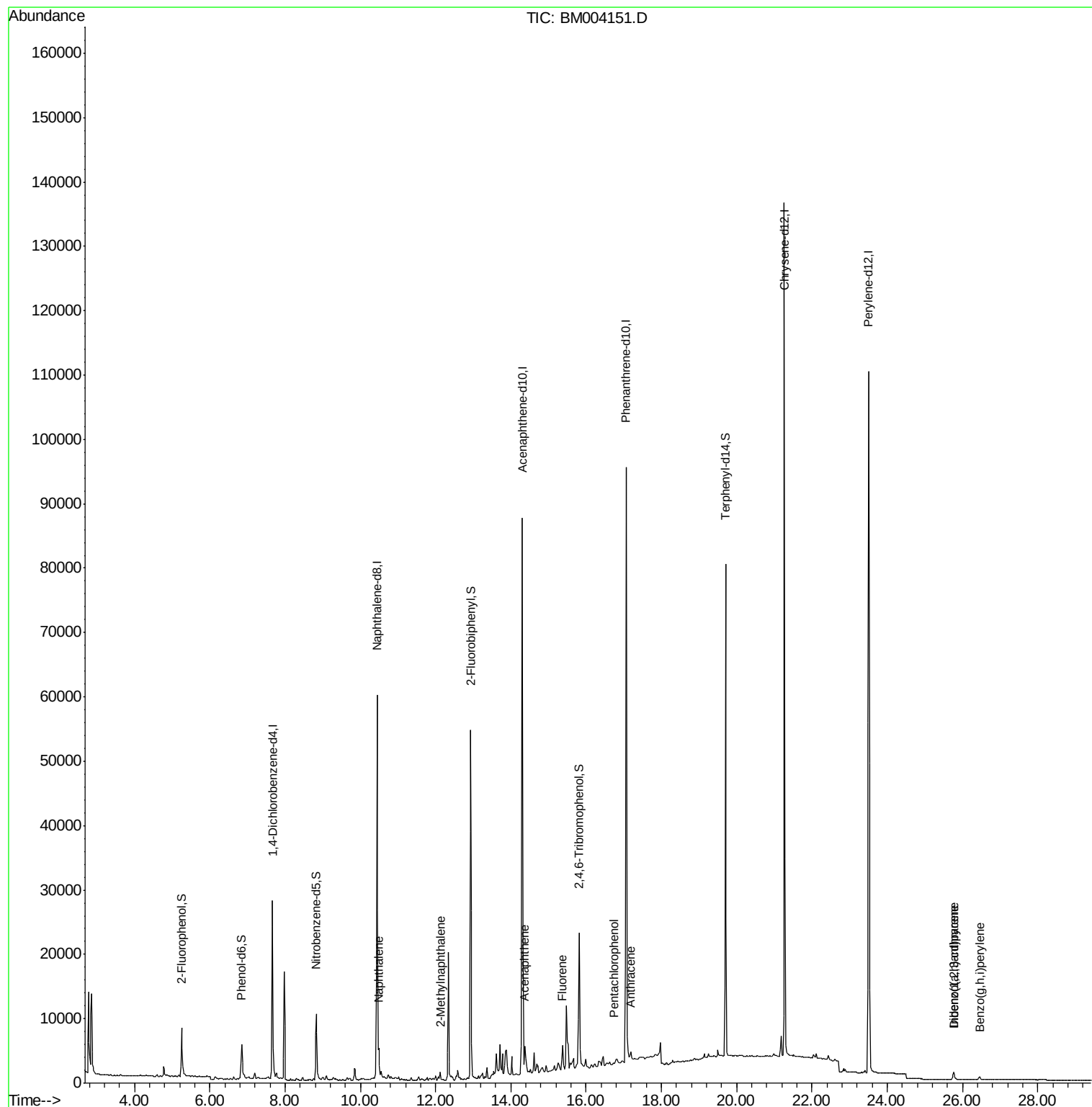
Data Path : Z:\HPCHEM1\BNA M\DATA\BM013016\
Data File : BM004151.D
Acq On : 29 Jan 2016 18:01
Operator : SJ/IZ
Sample : H1281-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

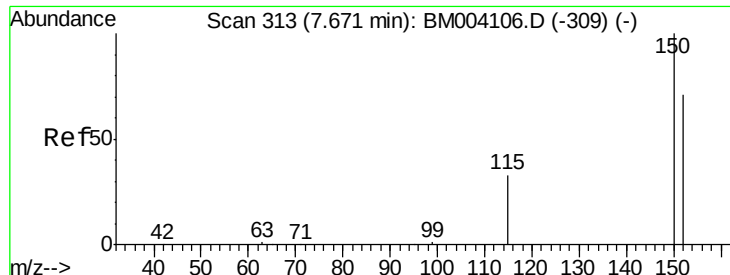
Instrument :
BNA_M
ClientSampleId :
YT-MW07

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.67 min Scan# 313

Delta R.T. -0.00 min

Lab File: BM004151.D

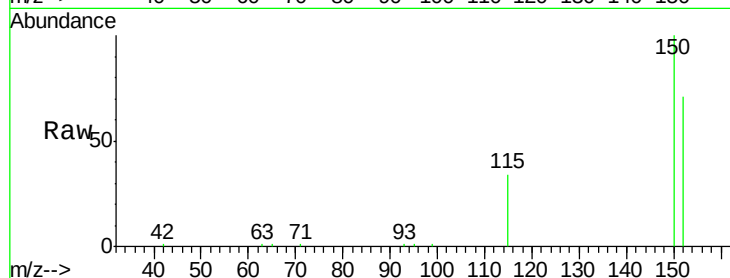
Acq: 29 Jan 2016 18:01

Instrument :

BNA_M

ClientSampleId :

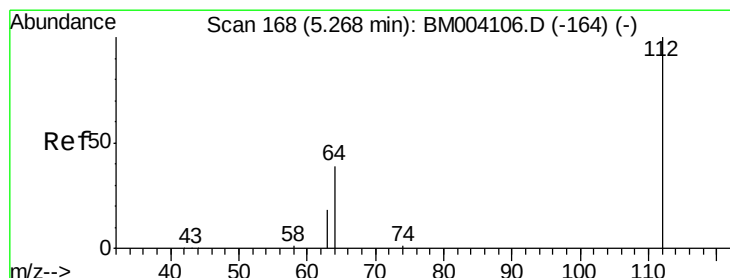
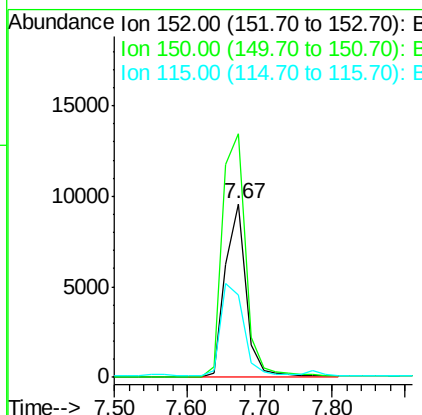
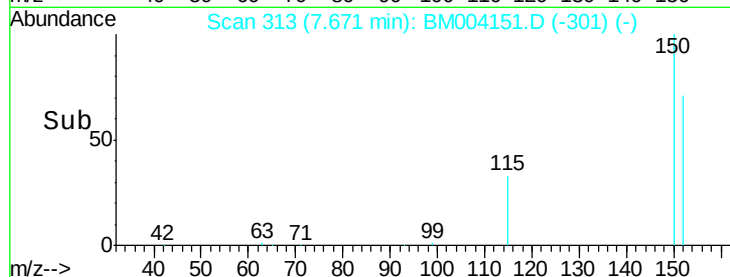
YT-MW07



Tot Ion:	152	Resp:	19127
Ion Ratio	Lower	Upper	
152	100		
150	140.1	122.9	184.3
115	47.4	44.4	66.6

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#4

2-Fluorophenol

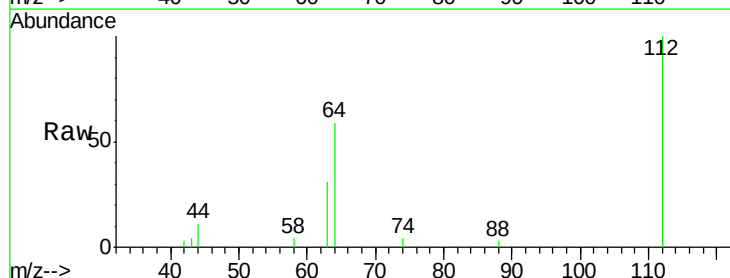
Concen: 2.16 ng

RT: 5.25 min Scan# 167

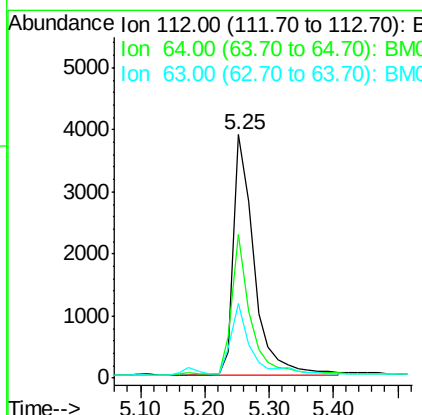
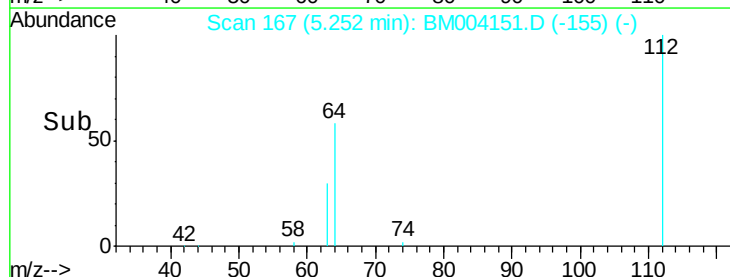
Delta R.T. -0.02 min

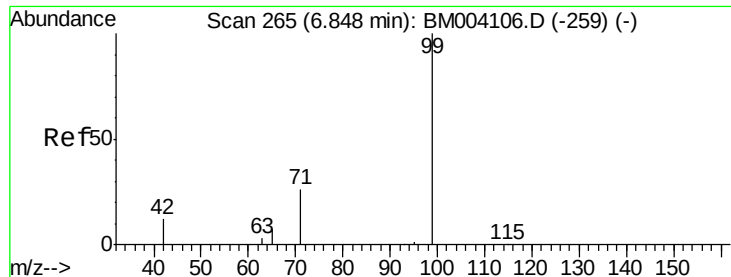
Lab File: BM004151.D

Acq: 29 Jan 2016 18:01



Tgt Ion:	112	Resp:	8602
Ion Ratio	Lower	Upper	
112	100		
64	52.3	41.8	62.8
63	27.9	22.1	33.1





#5

Phenol-d6

Concen: 1.70 ng

RT: 6.85 min Scan# 265

Delta R.T. -0.00 min

Lab File: BM004151.D

Acq: 29 Jan 2016 18:01

Instrument :

BNA_M

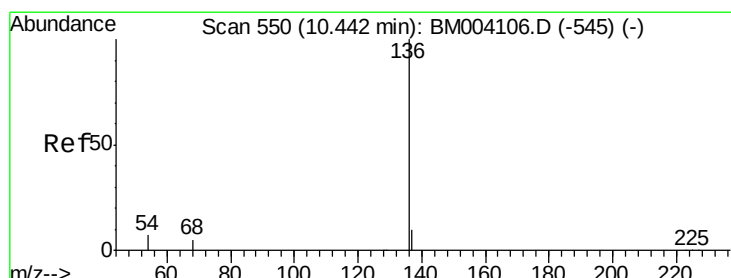
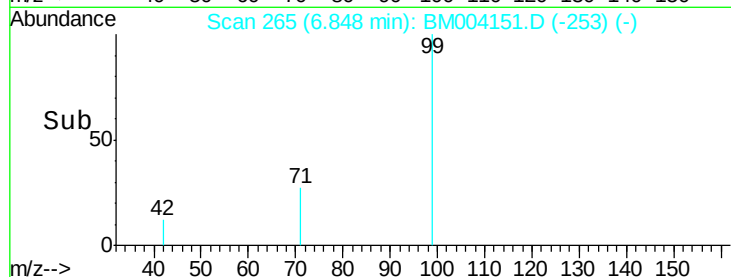
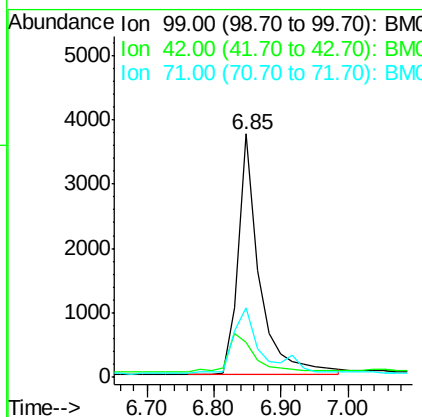
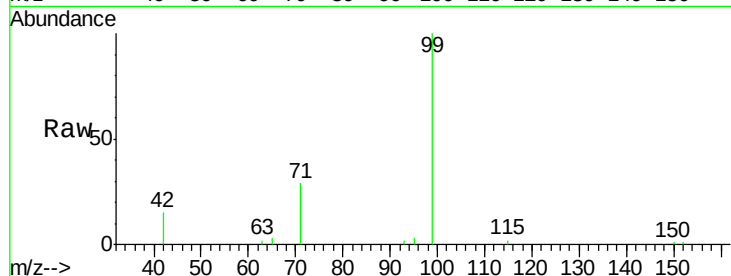
ClientSampleId :

YT-MW07

Tot Ion:	99	Resp:	8182
Ion	Ratio	Lower	Upper
99	100		
42	18.9	16.2	24.2
71	37.6	24.4	36.6#

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#7

Naphthalene-d8

Concen: 5.00 ng

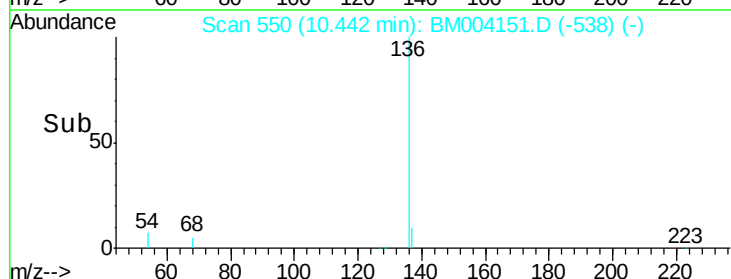
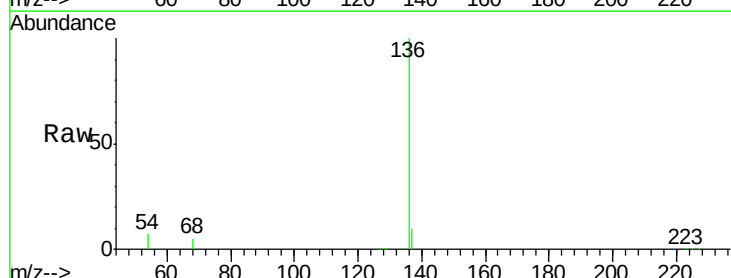
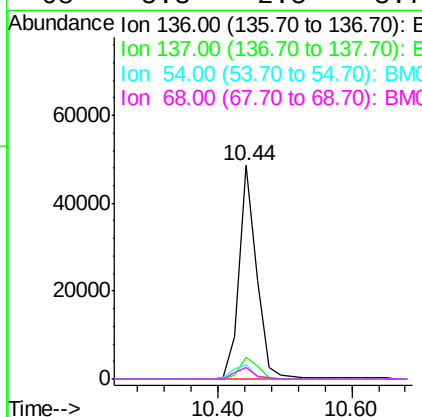
RT: 10.44 min Scan# 550

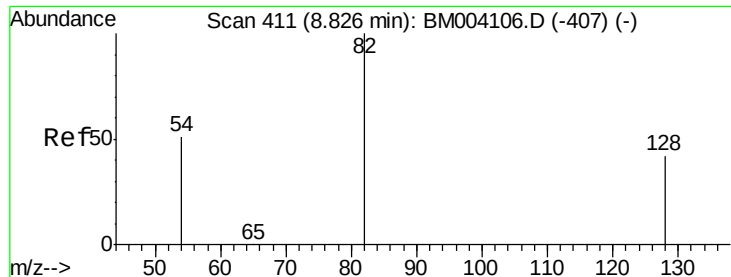
Delta R.T. -0.00 min

Lab File: BM004151.D

Acq: 29 Jan 2016 18:01

Tgt Ion:	136	Resp:	88235
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	6.8	2.8	4.2#
68	5.3	2.5	3.7#





#8

Nitrobenzene-d5

Concen: 2.94 ng

RT: 8.83 min Scan# 411

Delta R.T. -0.00 min

Lab File: BM004151.D

Acq: 29 Jan 2016 18:01

Instrument :

BNA_M

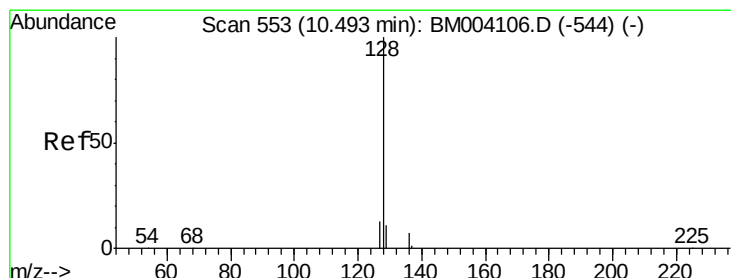
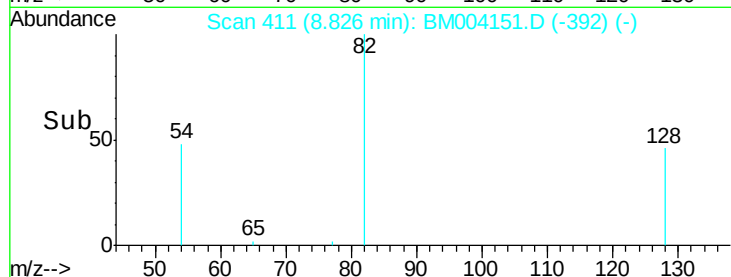
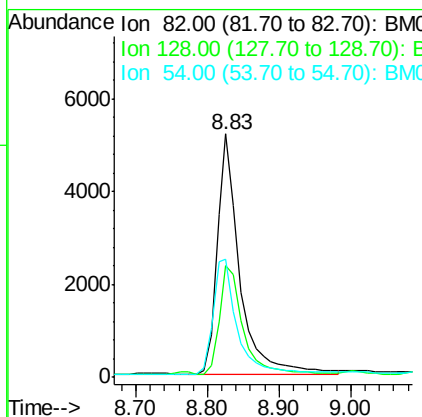
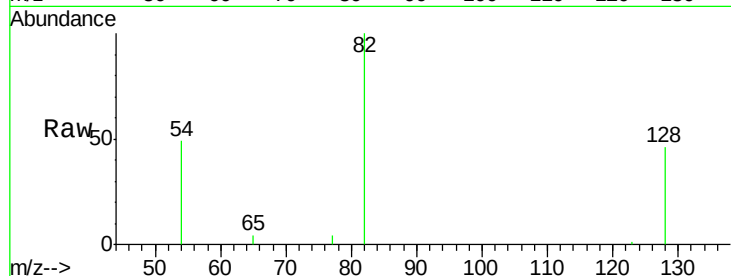
ClientSampleId :

YT-MW07

Tot Ion:	82	Resp:	11347
Ion Ratio	Lower	Upper	
82	100		
128	46.1	39.1	58.7
54	48.5	34.8	52.2

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#10

Naphthalene

Concen: 0.25 ng m

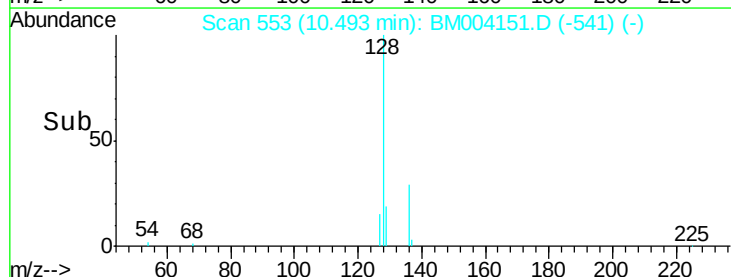
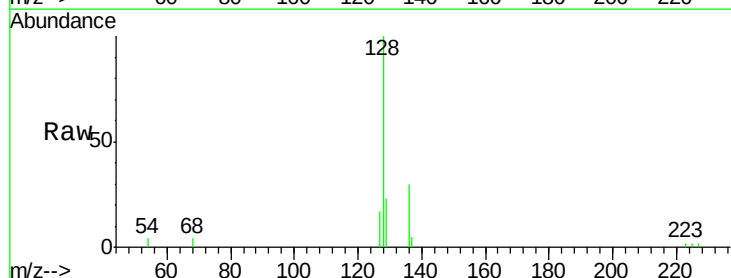
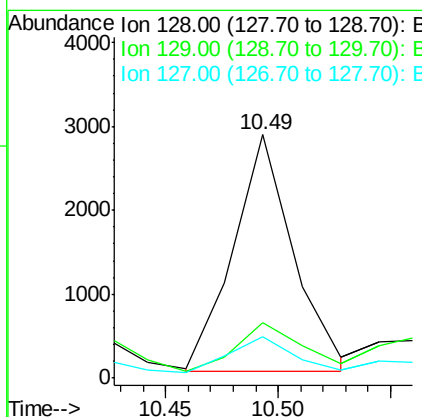
RT: 10.49 min Scan# 553

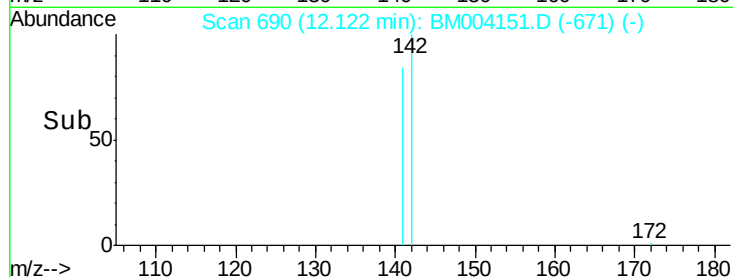
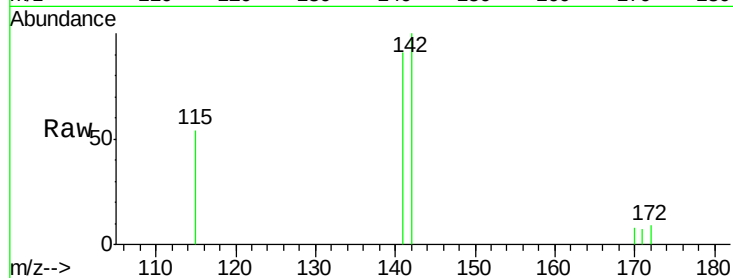
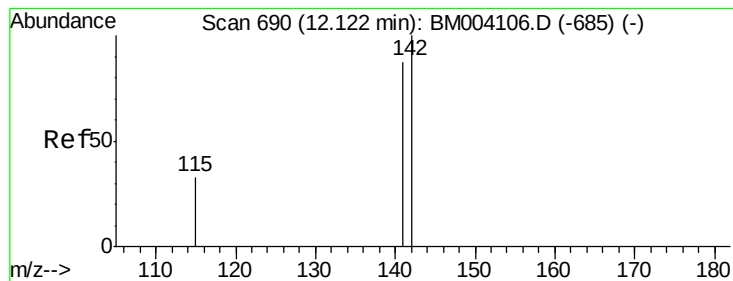
Delta R.T. -0.00 min

Lab File: BM004151.D

Acq: 29 Jan 2016 18:01

Tgt Ion:	128	Resp:	5186
Ion Ratio	Lower	Upper	
128	100		
129	23.0	8.5	12.7#
127	17.2	11.0	16.4#





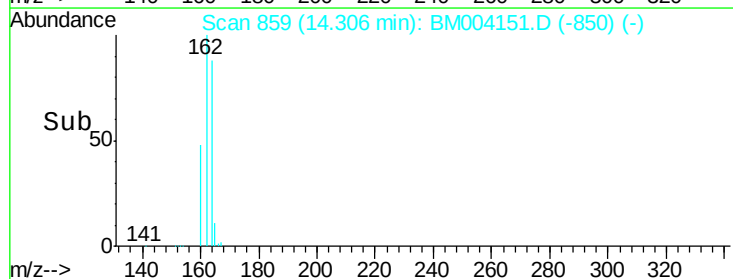
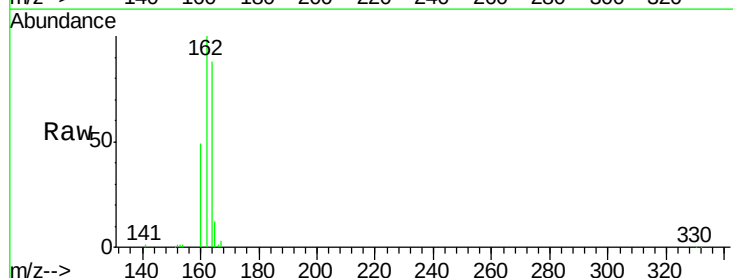
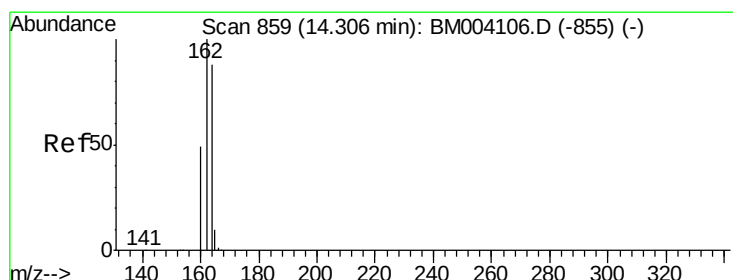
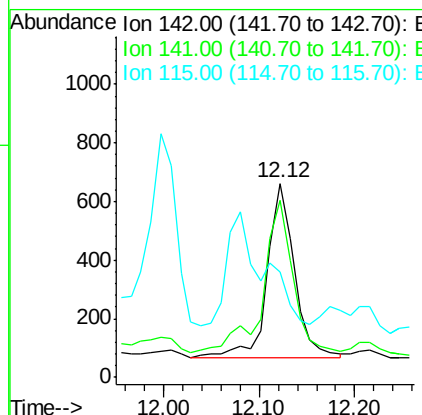
#12
2-Methylnaphthalene
Concen: 0.09 ng
RT: 12.12 min Scan# 690
Delta R.T. -0.00 min
Lab File: BM004151.D
Acq: 29 Jan 2016 18:01

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.0	67.8	101.8
115	54.0	25.3	37.9

Instrument :
BNA_M
ClientSampleId :
YT-MW07

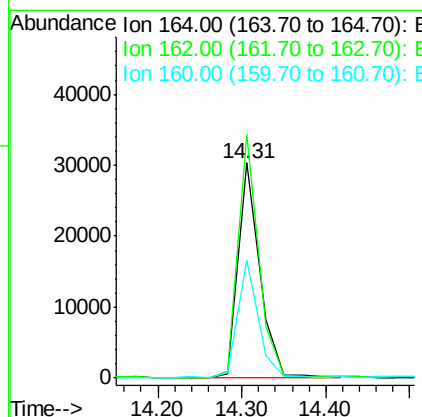
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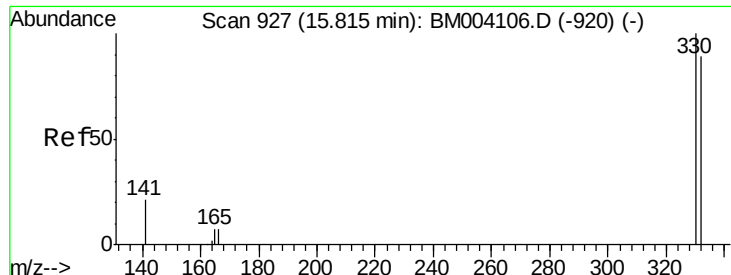
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#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.31 min Scan# 859
Delta R.T. -0.00 min
Lab File: BM004151.D
Acq: 29 Jan 2016 18:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	113.1	86.0	129.0
160	55.0	40.3	60.5





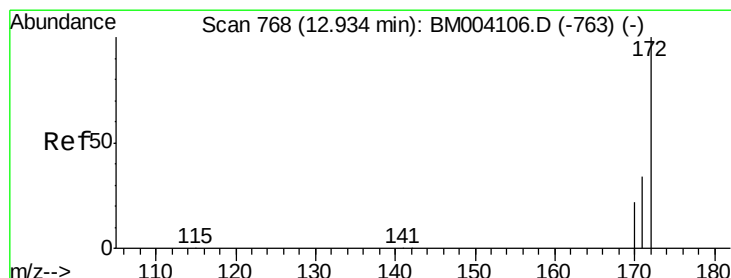
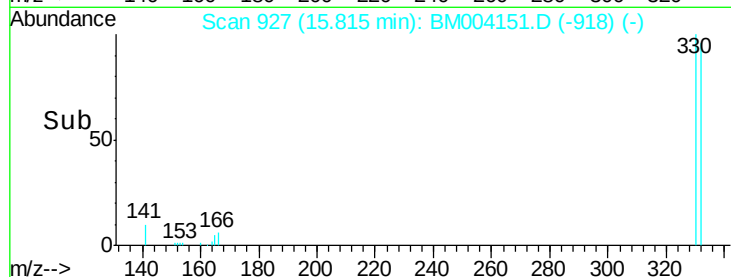
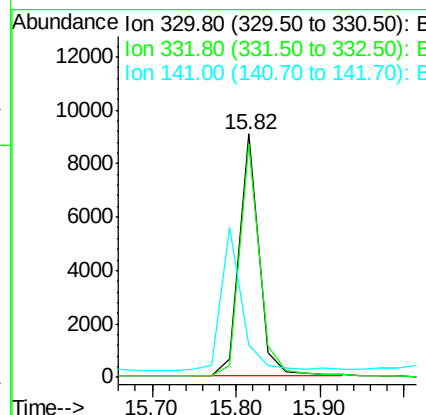
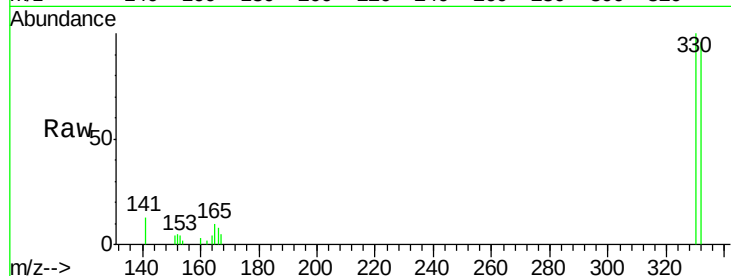
#14
2,4,6-Tribromophenol
Concen: 7.10 ng
RT: 15.82 min Scan# 927
Delta R.T. 0.00 min
Lab File: BM004151.D
Acq: 29 Jan 2016 18:01

Instrument :
BNA_M
ClientSampleId :
YT-MW07

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	79.0	118.4
141	0.0	27.8	41.6

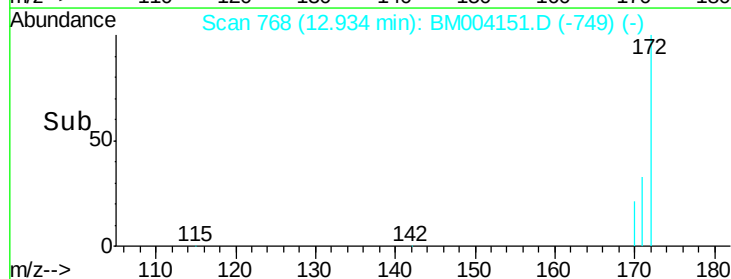
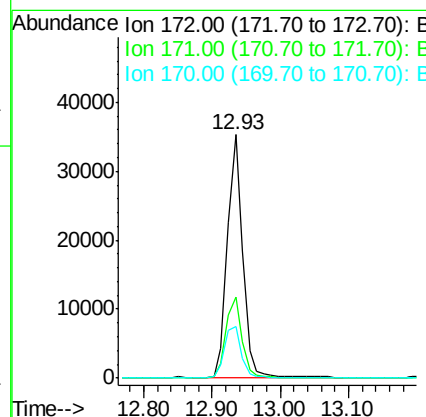
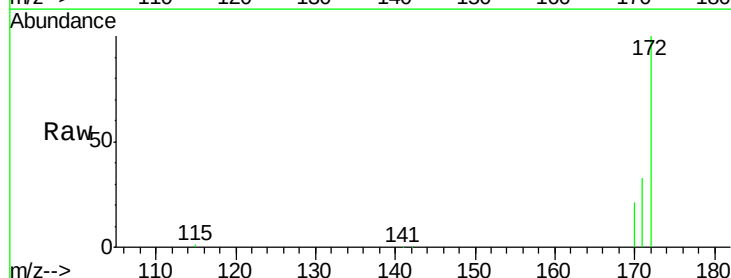
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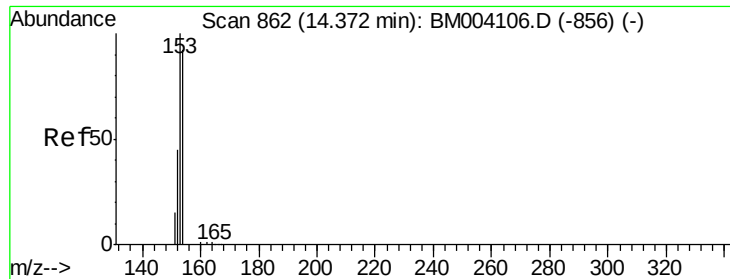
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#15
2-Fluorobiphenyl
Concen: 3.40 ng
RT: 12.93 min Scan# 768
Delta R.T. -0.00 min
Lab File: BM004151.D
Acq: 29 Jan 2016 18:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.1	27.0	40.6
170	21.0	17.9	26.9





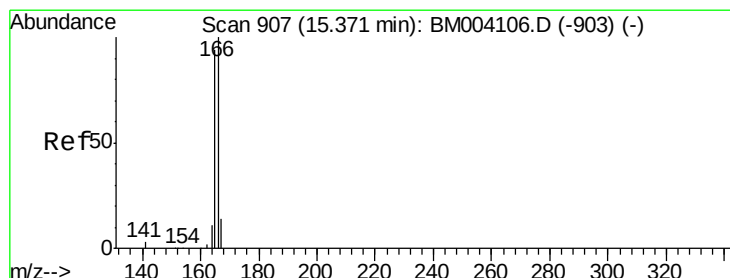
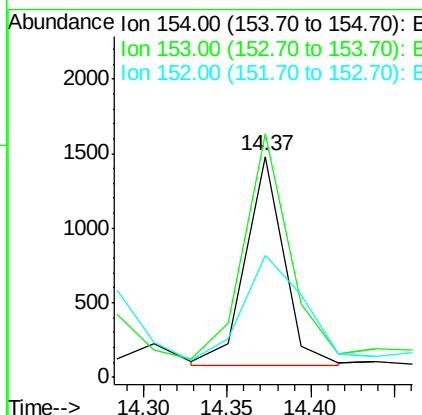
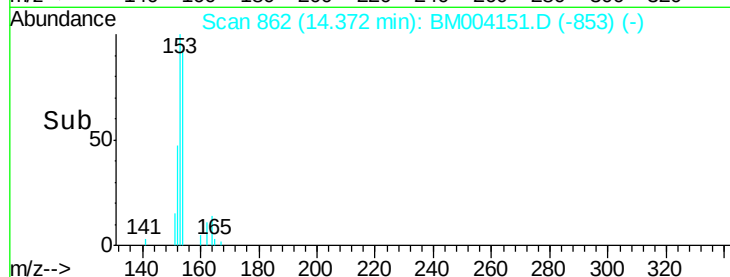
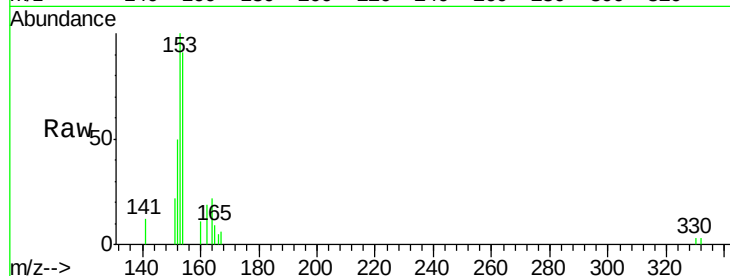
#17
Acenaphthene
Concen: 0.13 ng m
RT: 14.37 min Scan# 862
Delta R.T. -0.00 min
Lab File: BM004151.D
Acq: 29 Jan 2016 18:01

Instrument :
BNA_M
ClientSampleId :
YT-MW07

Tot Ion	Ratio	Lower	Upper
154	100		
153	136.3	85.4	128.2#
152	80.1	40.6	60.8#

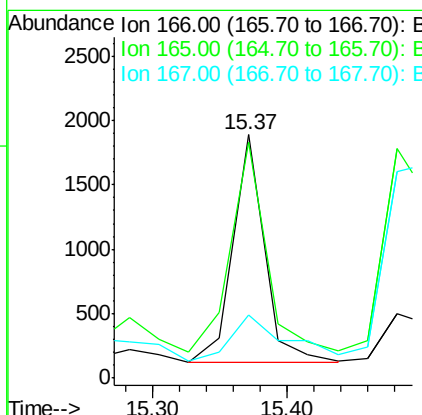
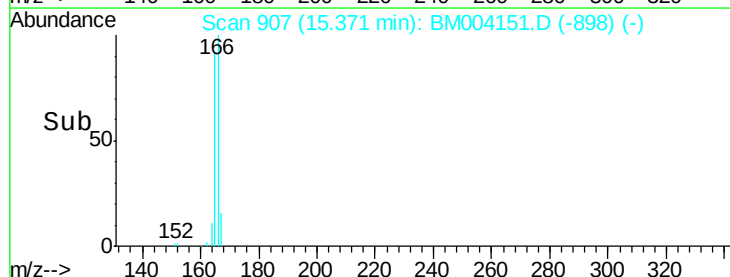
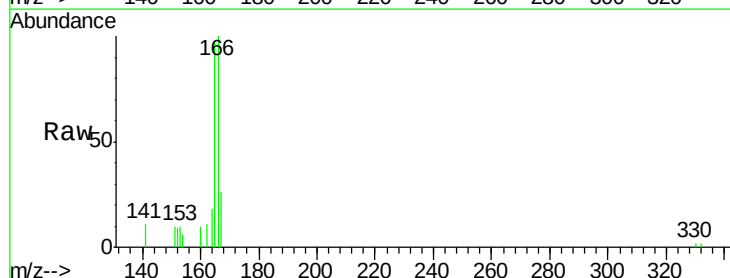
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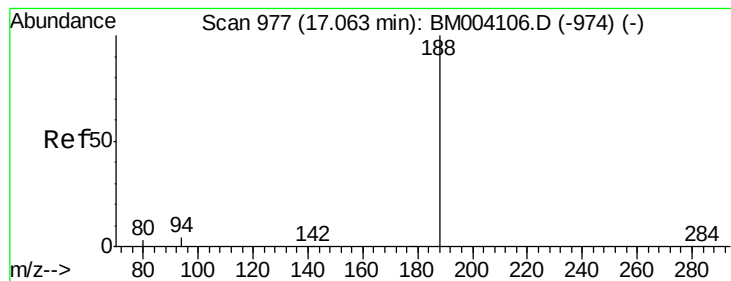
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#18
Fluorene
Concen: 0.14 ng
RT: 15.37 min Scan# 907
Delta R.T. -0.00 min
Lab File: BM004151.D
Acq: 29 Jan 2016 18:01

Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.7	77.2	115.8
167	35.3	11.0	16.6#





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.06 min Scan# 977

Delta R.T. -0.00 min

Lab File: BM004151.D

Acq: 29 Jan 2016 18:01

Instrument :

BNA_M

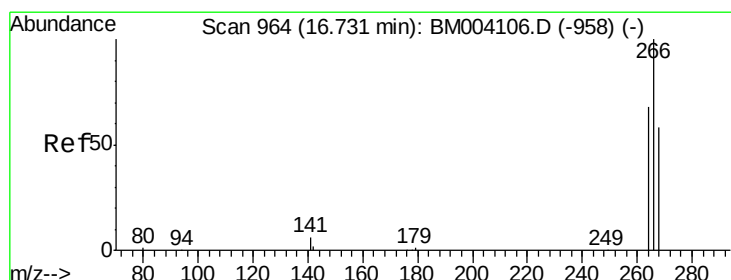
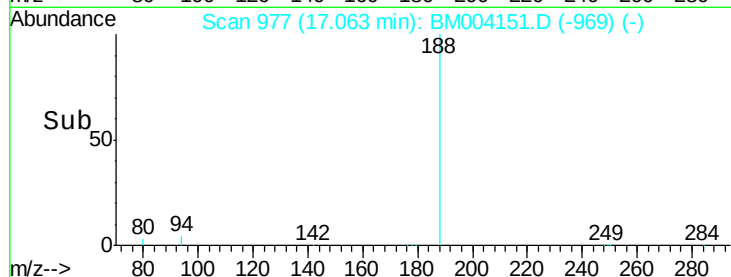
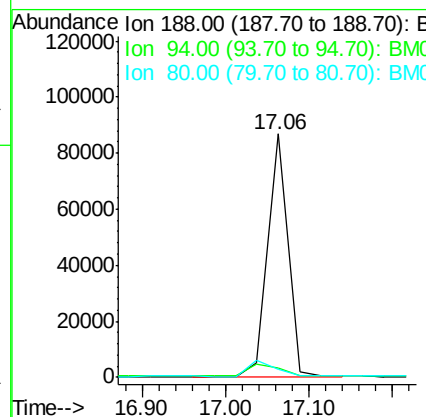
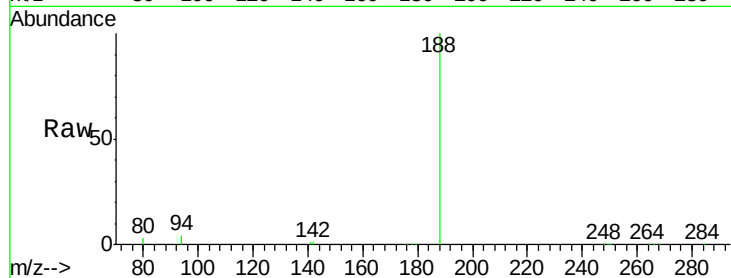
ClientSampleId :

YT-MW07

Tot Ion:	188	Resp:	143955
Ion Ratio	Lower	Upper	
188	100		
94	4.1	20.3	30.5#
80	3.3	22.2	33.4#

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#22

Pentachlorophenol

Concen: 0.57 ng

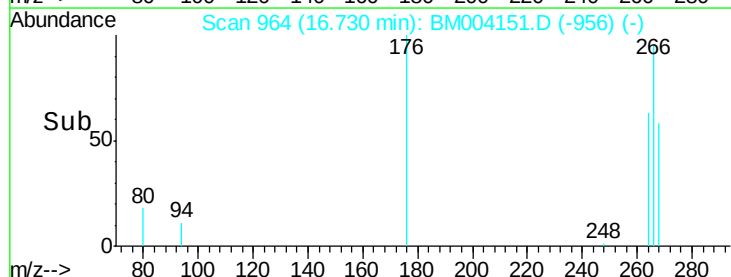
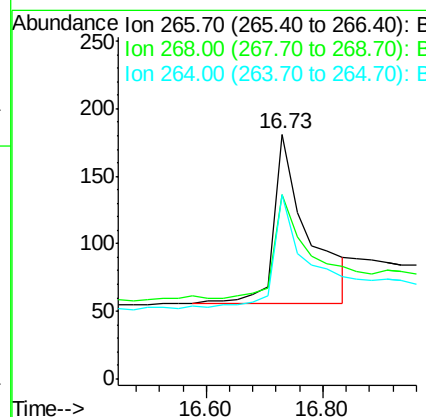
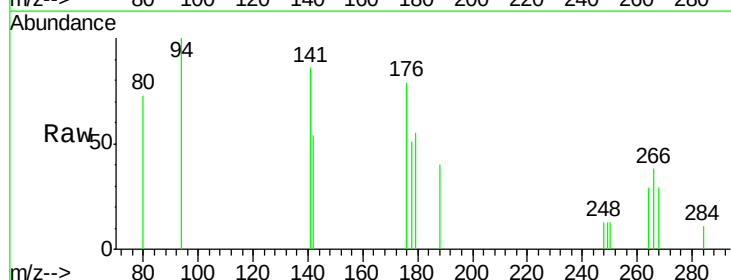
RT: 16.73 min Scan# 964

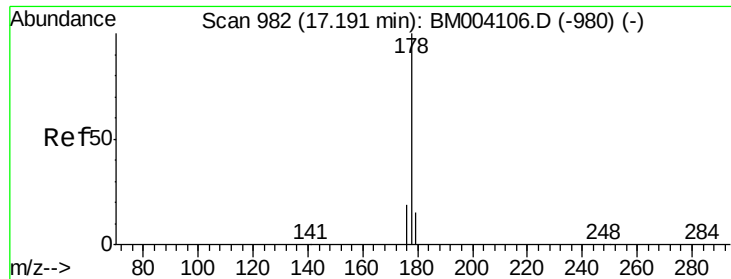
Delta R.T. 0.00 min

Lab File: BM004151.D

Acq: 29 Jan 2016 18:01

Tgt Ion:	266	Resp:	509
Ion Ratio	Lower	Upper	
266	100		
268	75.1	62.7	94.1
264	75.1	45.7	68.5#





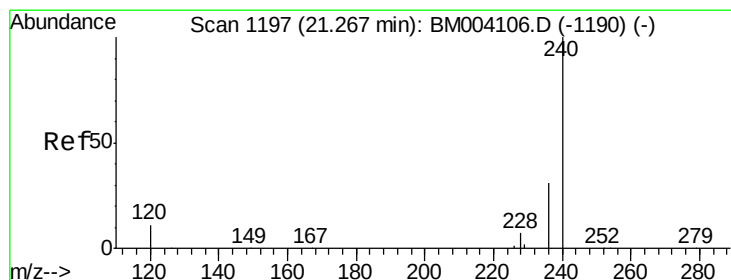
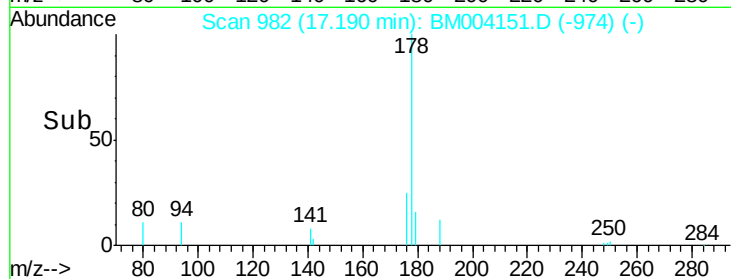
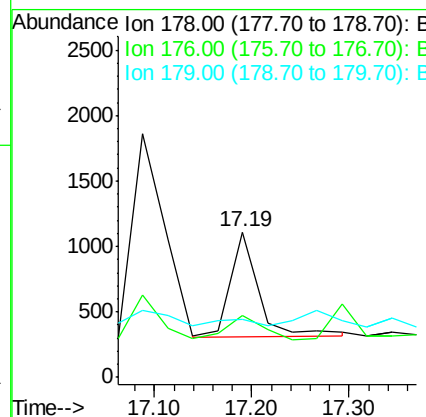
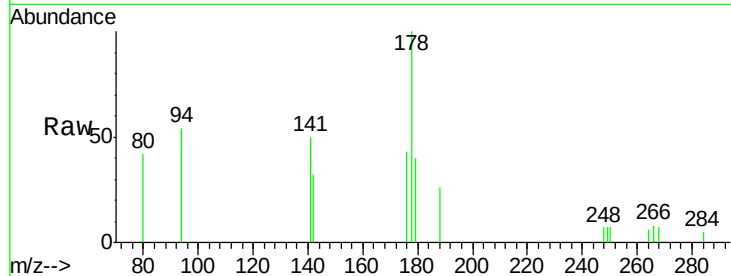
#24
 Anthracene
 Concen: 0.05 ng
 RT: 17.19 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: BM004151.D
 Acq: 29 Jan 2016 18:01

Instrument :
 BNA_M
 ClientSampleId :
 YT-MW07

Tot Ion	Ratio	Lower	Upper
178	100		
176	31.3	14.6	21.8#
179	0.0	12.6	19.0#

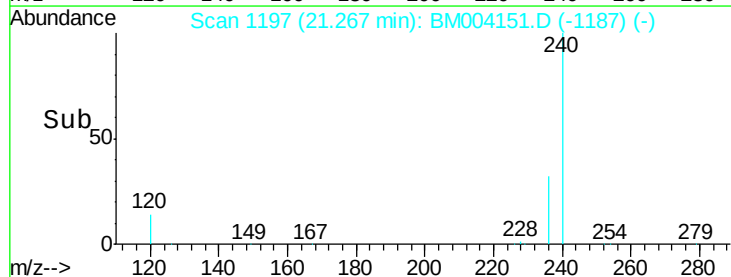
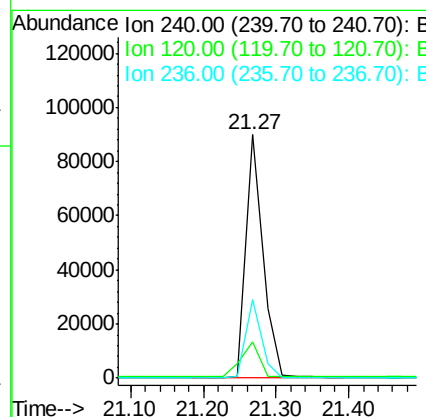
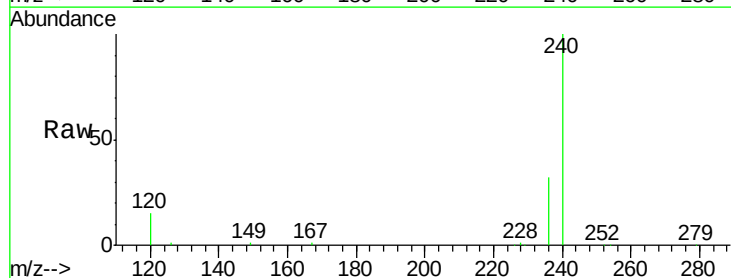
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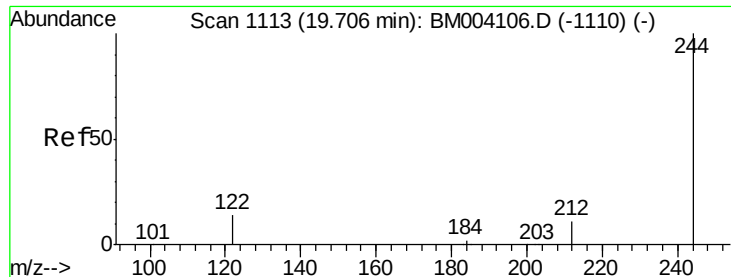
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#26
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.27 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BM004151.D
 Acq: 29 Jan 2016 18:01

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.0	0.9	1.3#
236	32.2	17.3	25.9#





#29

Terphenyl-d14

Concen: 4.68 ng

RT: 19.71 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BM004151.D

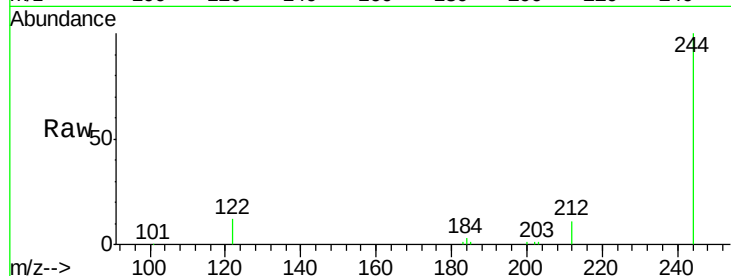
Acq: 29 Jan 2016 18:01

Instrument :

BNA_M

ClientSampleId :

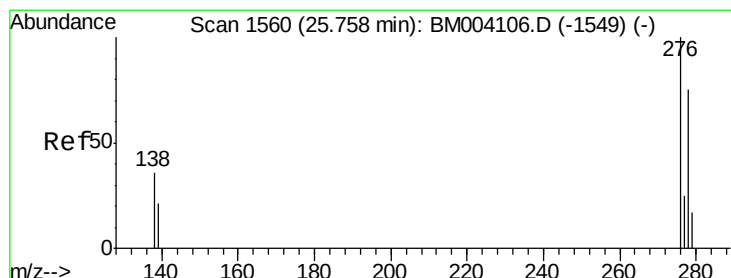
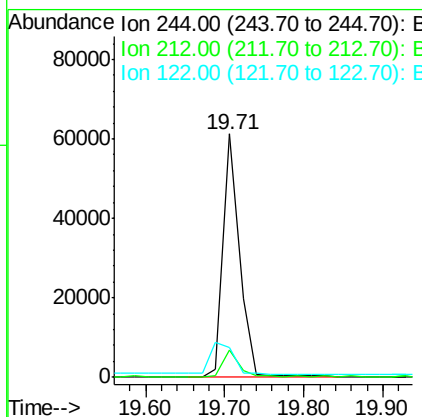
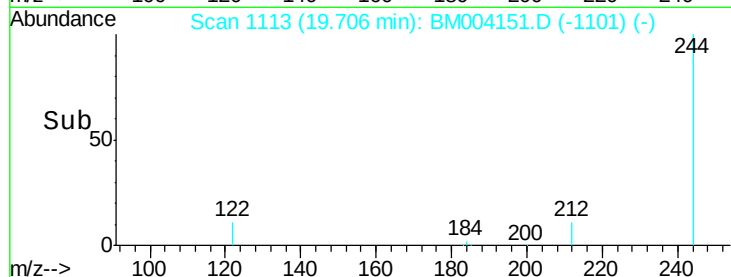
YT-MW07



Tot Ion:	244	Resp:	85861
Ion Ratio	Lower	Upper	
244	100		
212	11.0	7.0	10.6#
122	12.2	3.0	4.6#

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#34

Indeno(1,2,3-cd)pyrene

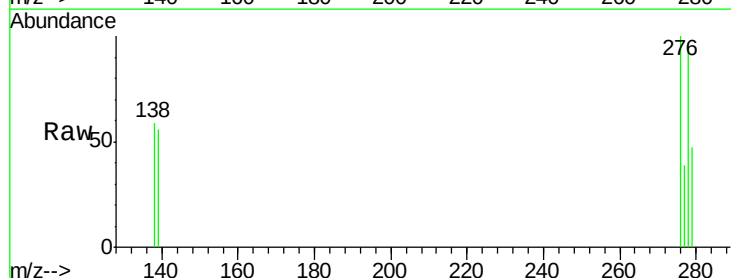
Concen: 0.05 ng

RT: 25.77 min Scan# 1560

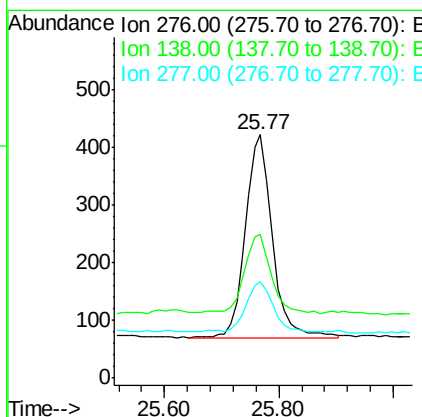
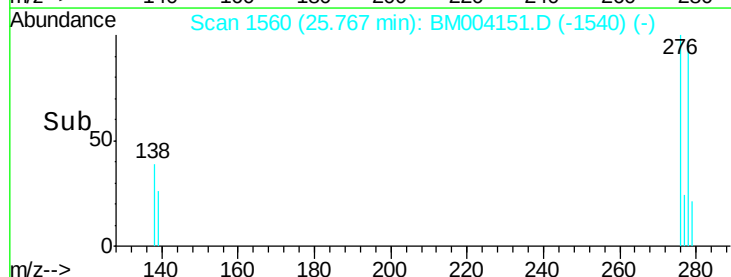
Delta R.T. 0.01 min

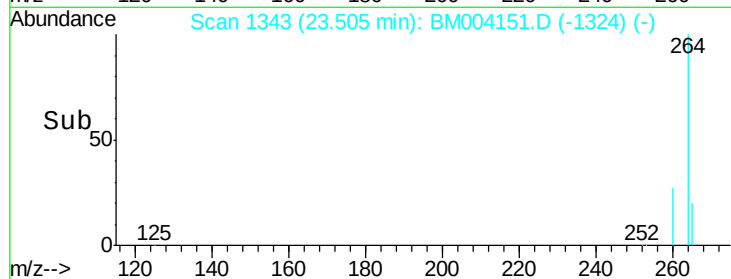
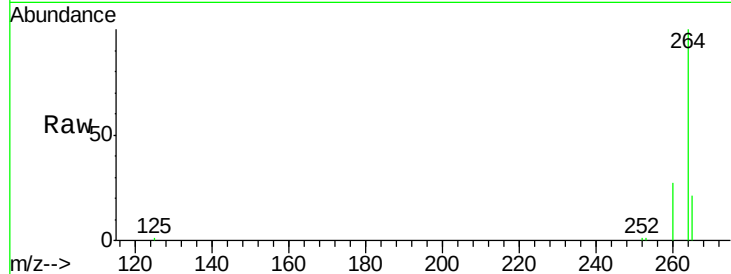
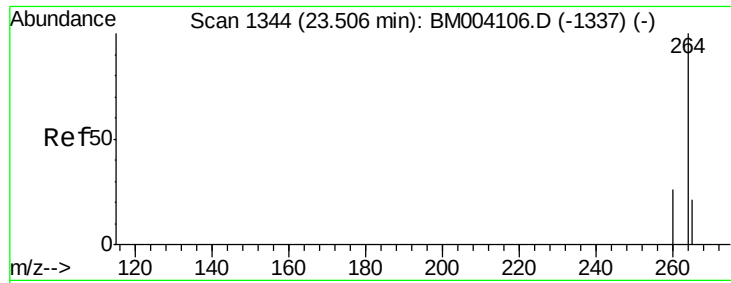
Lab File: BM004151.D

Acq: 29 Jan 2016 18:01



Tgt Ion:	276	Resp:	1146
Ion Ratio	Lower	Upper	
276	100		
138	38.5	30.2	45.2
277	24.1	19.8	29.8





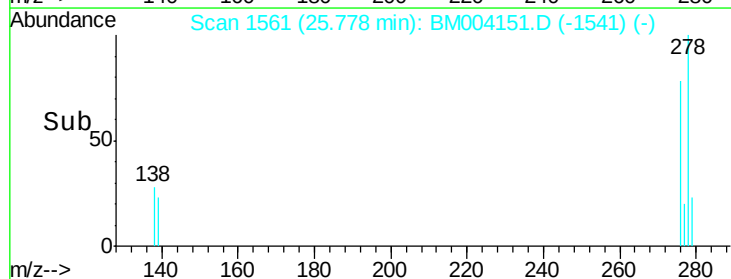
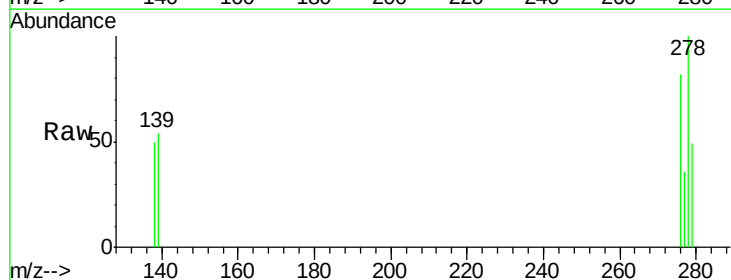
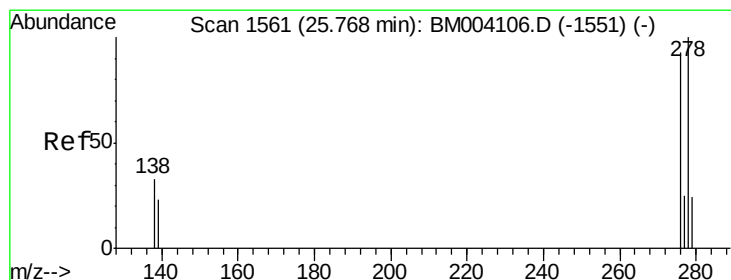
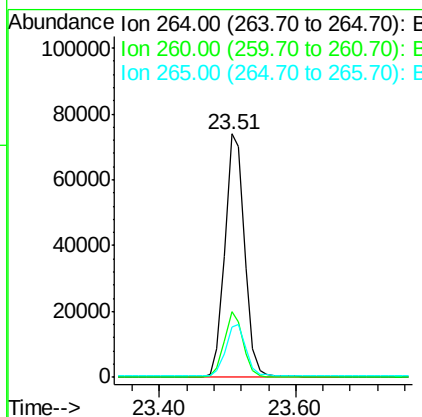
#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.51 min Scan# 1343
 Delta R.T. -0.00 min
 Lab File: BM004151.D
 Acq: 29 Jan 2016 18:01

Tot Ion:	264	Resp:	148187
Ion Ratio	Lower	Upper	
264	100		
260	26.8	21.2	31.8
265	20.8	16.7	25.1

Instrument :
 BNA_M
 ClientSampleId :
 YT-MW07

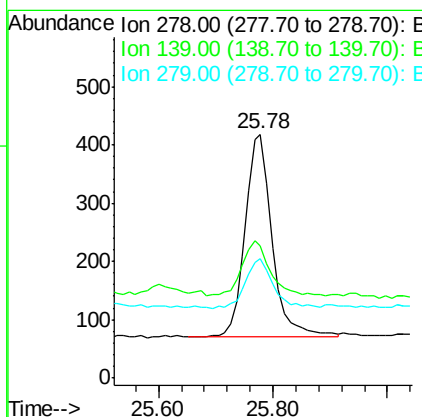
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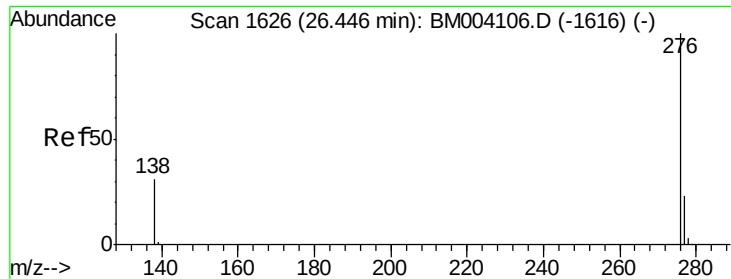
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#39
 Dibenzo(a,h)anthracene
 Concen: 0.03 ng
 RT: 25.78 min Scan# 1561
 Delta R.T. 0.01 min
 Lab File: BM004151.D
 Acq: 29 Jan 2016 18:01

Tgt Ion:	278	Resp:	1144
Ion Ratio	Lower	Upper	
278	100		
139	54.3	19.0	28.6#
279	49.0	19.6	29.4#





#40
Benzo(a,h,i)perylene
Concen: 0.02 ng
RT: 26.46 min Scan# 1626
Delta R.T. 0.01 min
Lab File: BM004151.D
Acq: 29 Jan 2016 18:01

Instrument :
BNA_M
ClientSampleId :
YT-MW07

Tot Ion	Ratio	Lower	Upper
276	100		
277	44.0	19.1	28.7#
138	57.7	25.0	37.4#

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