

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060615\
 Data File : BM001590.D
 Acq On : 06 Jun 2015 12:16
 Operator : TP/IZ
 Sample : G2491-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SS043MW011-150601

Manual Integrations
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 6/8/2015 2:48:39 PM

Quant Time: Jun 08 06:23:22 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 08 05:27:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	27656	5.00	ng	0.00
6) Naphthalene-d8	10.47	136	99303	5.00	ng	0.00
12) Acenaphthene-d10	14.35	164	44805	5.00	ng	0.00
18) Phenanthrene-d10	17.09	188	63105	5.00	ng	0.00
25) Chrysene-d12	21.28	240	67204	5.00	ng	0.00
32) Perylene-d12	23.52	264	62233	5.00	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.28	112	15629	2.56	ng	0.02
5) Phenol-d6	6.86	99	13233	1.76	ng	0.02
7) Nitrobenzene-d5	8.85	82	45196	6.68	ng	0.00
13) 2,4,6-Tribromophenol	15.83	330	16473	7.70	ng	0.00
14) 2-Fluorobiphenyl	12.97	172	76078	5.51	ng	0.01
27) Terphenyl-d14	19.72	244	53310	6.14	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.21	88	177993	75.61	ng	96
9) Naphthalene	10.52	128	2917	0.14	ng	# 90
11) 2-Methylnaphthalene	12.15	142	1284	0.10	ng	# 91
16) Acenaphthene	14.41	154	19380	1.59	ng	98
17) Fluorene	15.36	166	7476	0.95	ng	# 97
22) Phenanthrene	17.12	178	3088	0.14	ng	# 89
23) Anthracene	17.19	178	1394m	0.15	ng	
24) Fluoranthene	19.15	202	4434	0.26	ng	# 86
26) Pyrene	19.52	202	3041	0.14	ng	# 78
30) Bis(2-ethylhexyl)phthalate	21.19	149	10844	0.95	ng	96
31) Indeno(1,2,3-cd)pyrene	25.77	276	496	0.03	ng	94

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

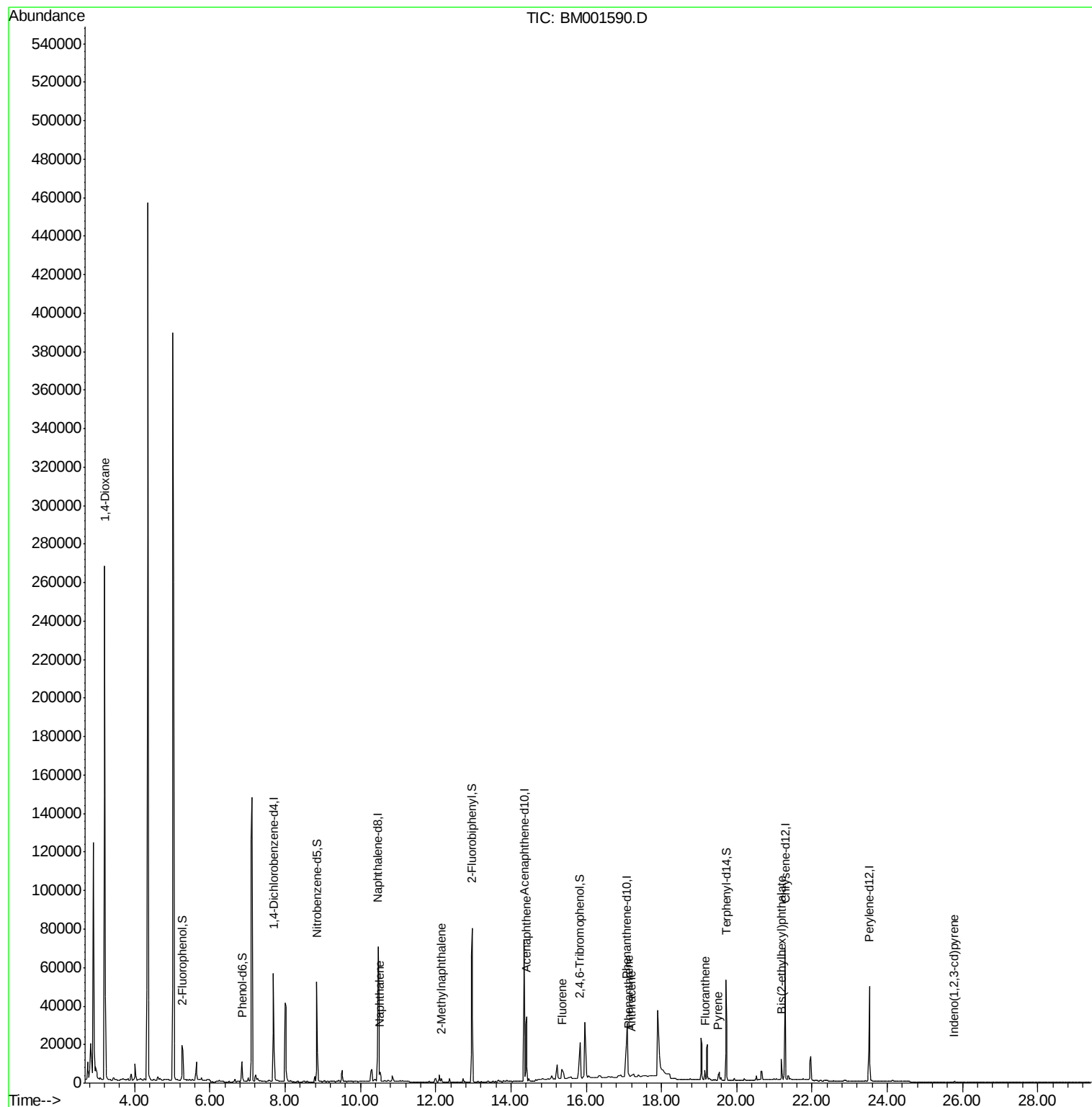
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060615\
Data File : BM001590.D
Acq On : 06 Jun 2015 12:16
Operator : TP/IZ
Sample : G2491-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

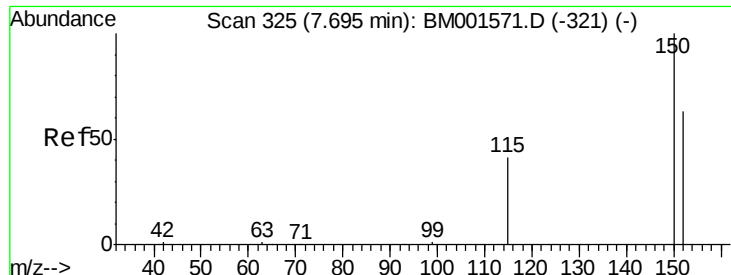
Instrument :
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QLast Update : Mon Jun 08 05:27:25 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.69 min Scan# 325

Delta R.T. -0.00 min

Lab File: BM001590.D

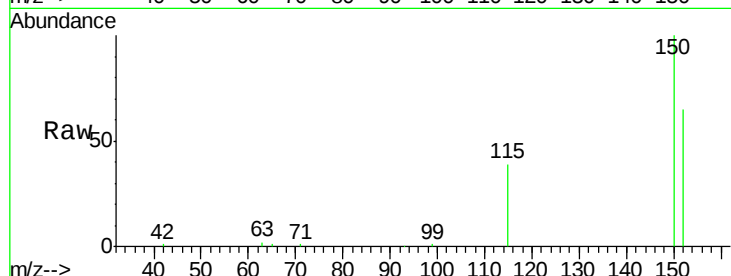
Acq: 06 Jun 2015 12:16

Instrument :

BNA_M

ClientSampleId :

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Tgt Ion:152 Resp: 27656

Ion Ratio Lower Upper

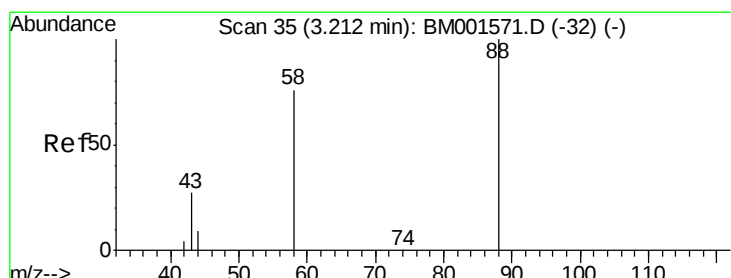
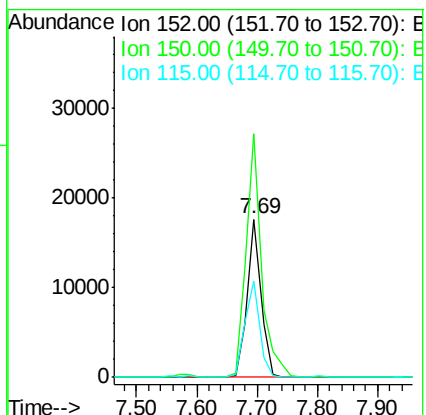
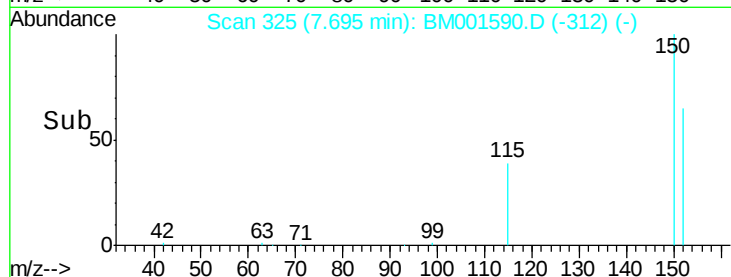
152 100

150 153.9 126.6 190.0

115 60.6 51.6 77.4

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#2

1,4-Dioxane

Concen: 75.61 ng

RT: 3.21 min Scan# 35

Delta R.T. -0.00 min

Lab File: BM001590.D

Acq: 06 Jun 2015 12:16

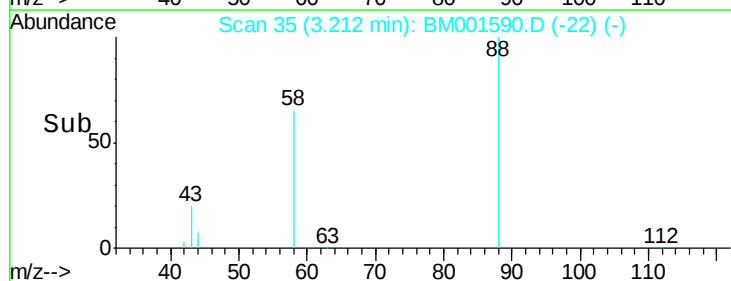
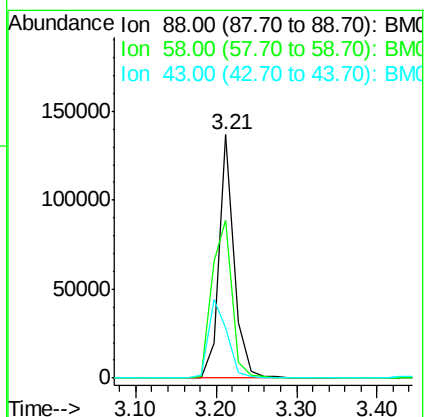
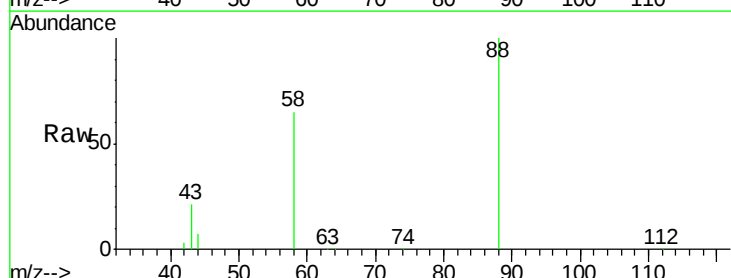
Tgt Ion: 88 Resp: 177993

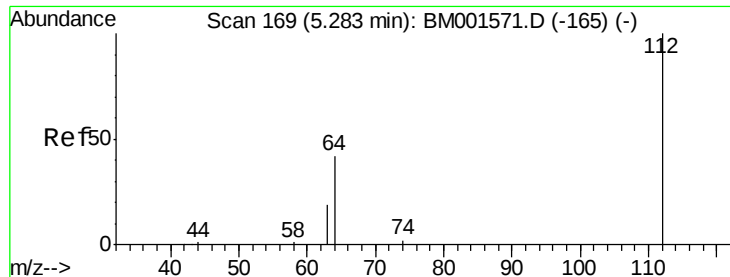
Ion Ratio Lower Upper

88 100

58 86.9 66.1 99.1

43 39.9 32.3 48.5





#4

2-Fluorophenol

Concen: 2.56 ng

RT: 5.28 min Scan# 169

Delta R.T. 0.02 min

Lab File: BM001590.D

Acq: 06 Jun 2015 12:16

Instrument :

BNA_M

ClientSampleId :

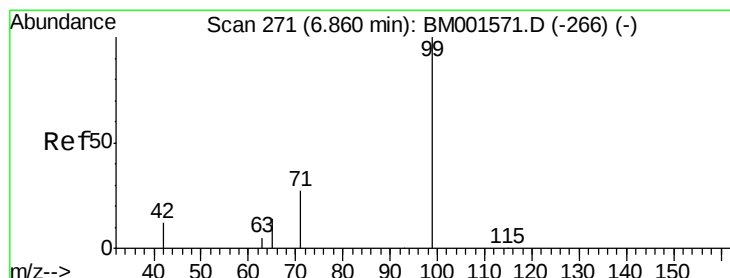
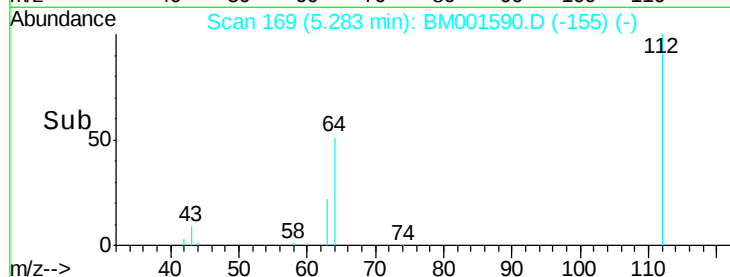
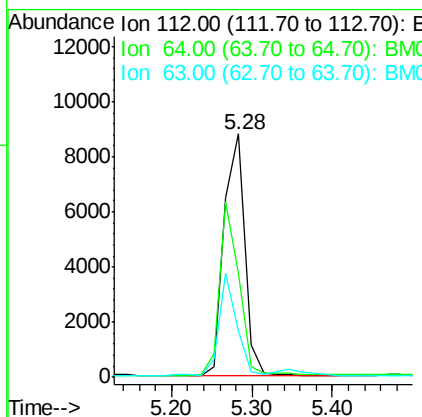
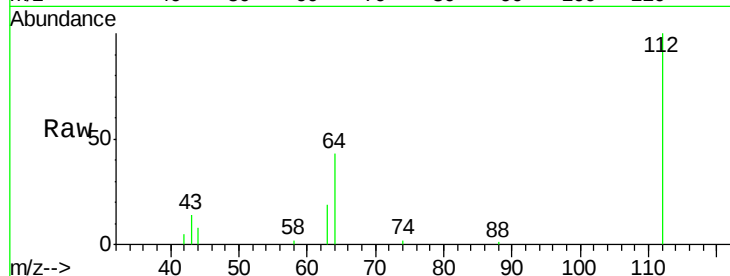
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Tgt Ion:	112	Resp:	15629
Ion Ratio	Lower	Upper	
112	100		
64	68.4	53.3	79.9
63	36.6	29.7	44.5



#5

Phenol-d6

Concen: 1.76 ng

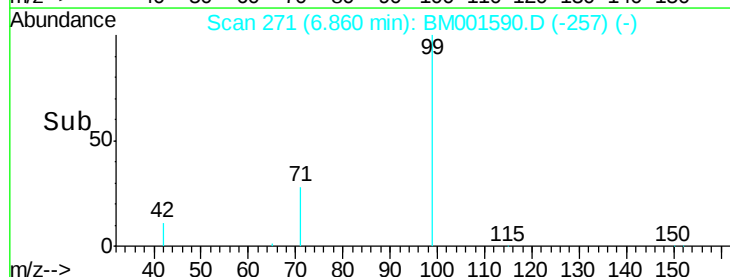
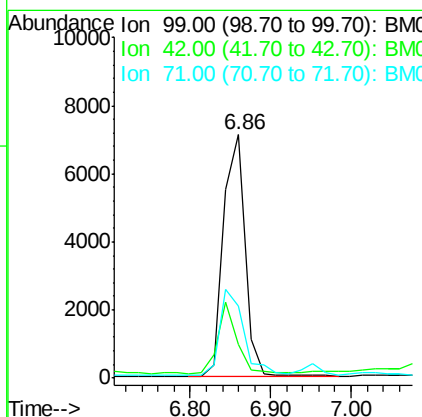
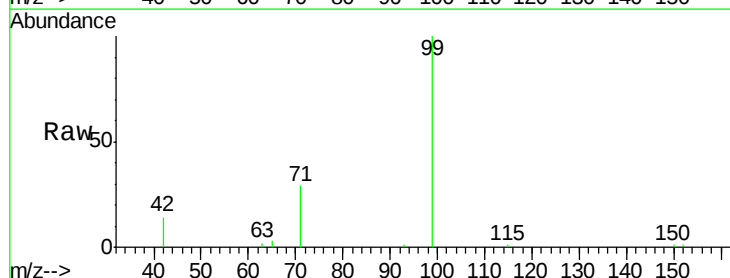
RT: 6.86 min Scan# 271

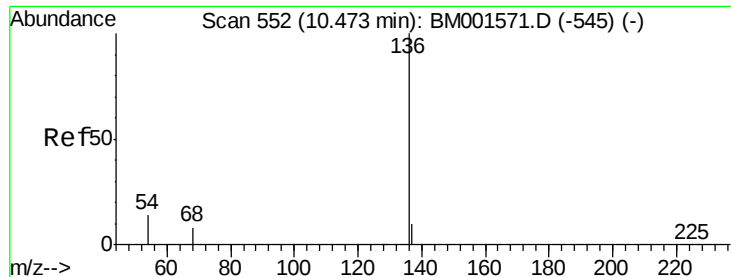
Delta R.T. 0.02 min

Lab File: BM001590.D

Acq: 06 Jun 2015 12:16

Tgt Ion:	99	Resp:	13233
Ion Ratio	Lower	Upper	
99	100		
42	25.8	21.4	32.2
71	40.0	29.0	43.4





#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.47 min Scan# 552

Delta R.T. -0.00 min

Lab File: BM001590.D

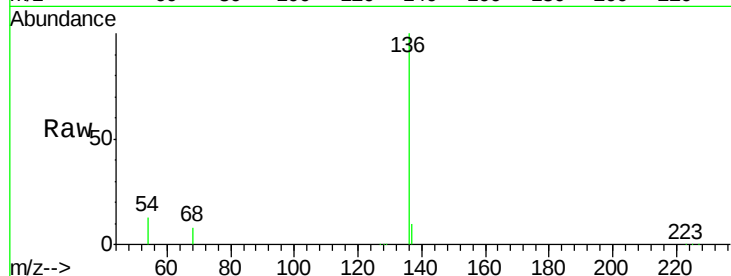
Acq: 06 Jun 2015 12:16

Instrument :

BNA_M

ClientSampleId :

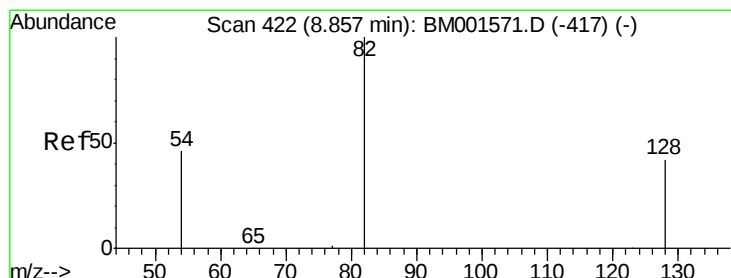
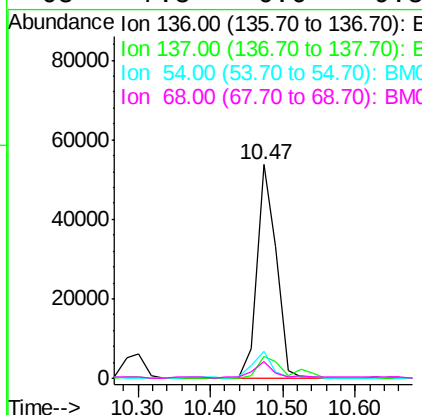
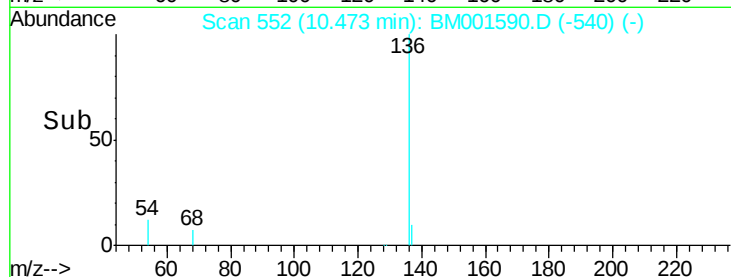
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Tgt Ion	Ratio	Resp	Lower	Upper
136	100	99303		
137	10.3		8.1	12.1
54	12.7		11.7	17.5
68	7.8		6.6	9.8

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#7

Nitrobenzene-d5

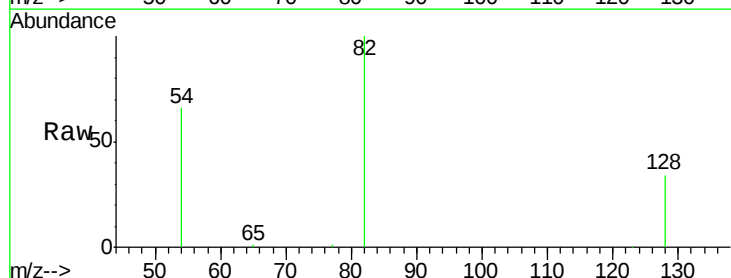
Concen: 6.68 ng

RT: 8.85 min Scan# 421

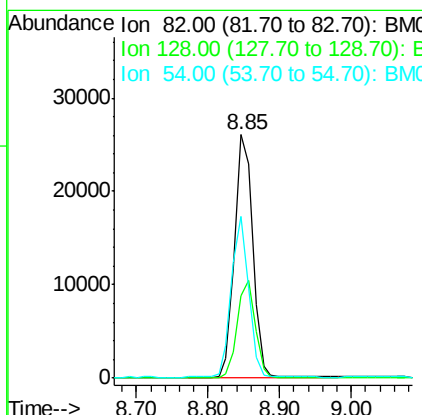
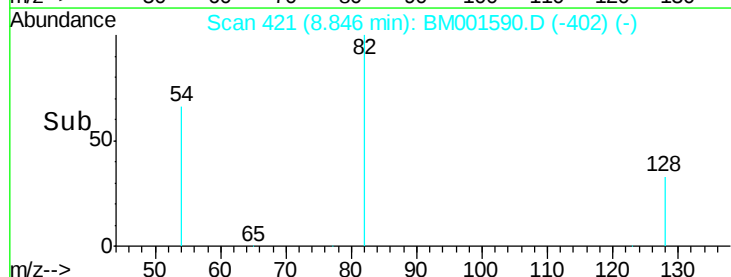
Delta R.T. -0.00 min

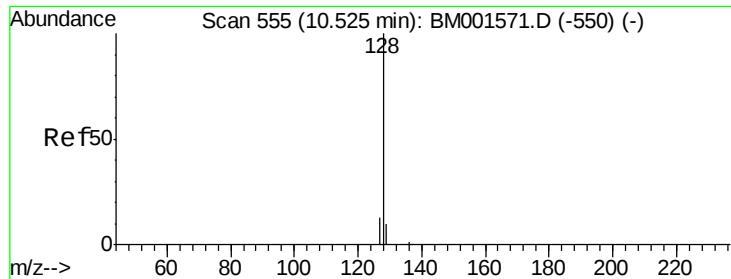
Lab File: BM001590.D

Acq: 06 Jun 2015 12:16



Tgt Ion	Ratio	Resp	Lower	Upper
82	100	45196		
128	33.6		34.1	51.1#
54	66.3		37.8	56.6#





#9

Naphthalene

Concen: 0.14 ng

RT: 10.52 min Scan# 555

Delta R.T. -0.00 min

Lab File: BM001590.D

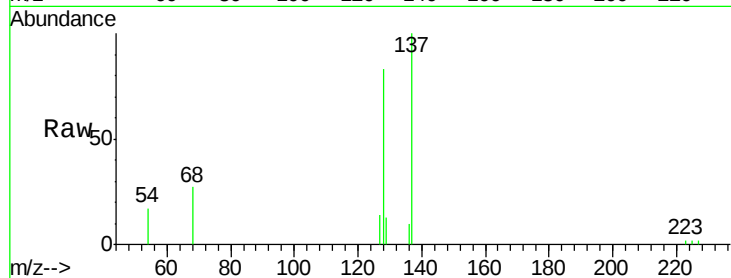
Acq: 06 Jun 2015 12:16

Instrument :

BNA_M

ClientSampleId :

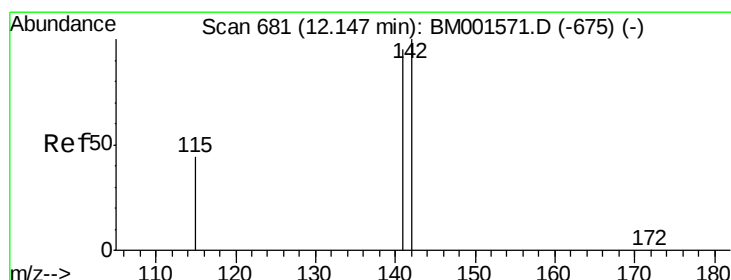
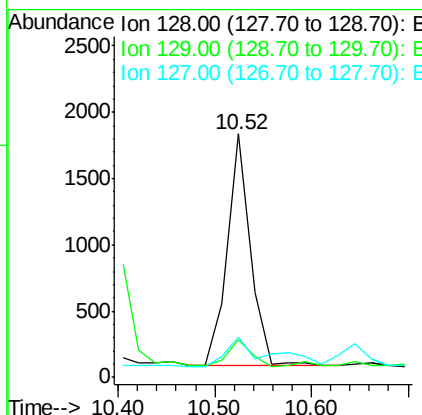
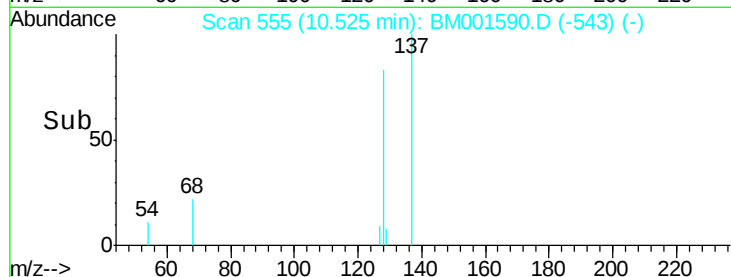
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Tgt Ion	Ratio	Lower	Upper
128	100		
129	15.6	8.7	13.1#
127	16.6	10.7	16.1#

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#11

2-Methylnaphthalene

Concen: 0.10 ng

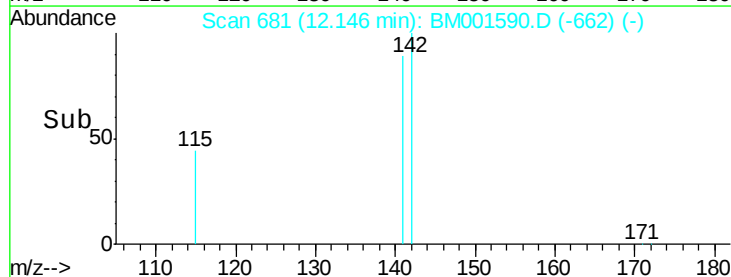
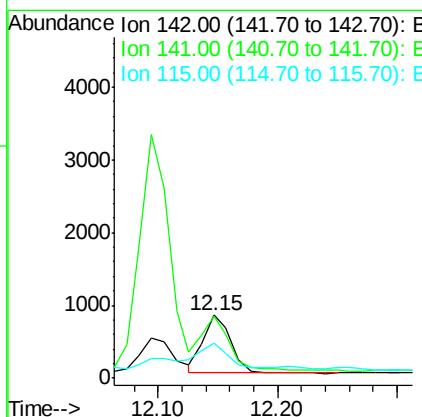
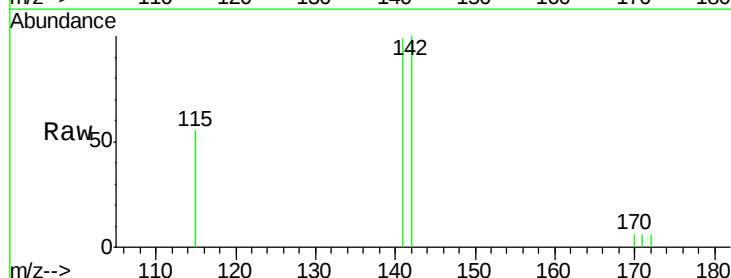
RT: 12.15 min Scan# 681

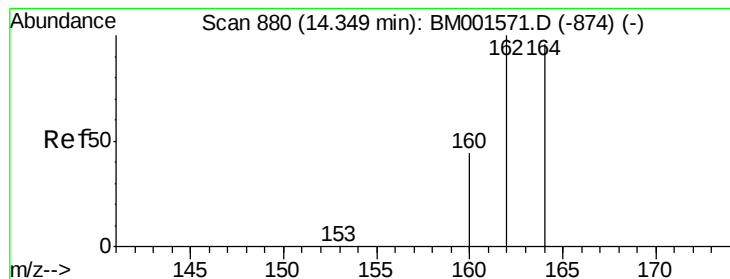
Delta R.T. -0.00 min

Lab File: BM001590.D

Acq: 06 Jun 2015 12:16

Tgt Ion	Ratio	Lower	Upper
142	100		
141	99.4	75.6	113.4
115	55.5	35.5	53.3#





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.35 min Scan# 880

Delta R.T. -0.00 min

Lab File: BM001590.D

Acq: 06 Jun 2015 12:16

Instrument :

BNA_M

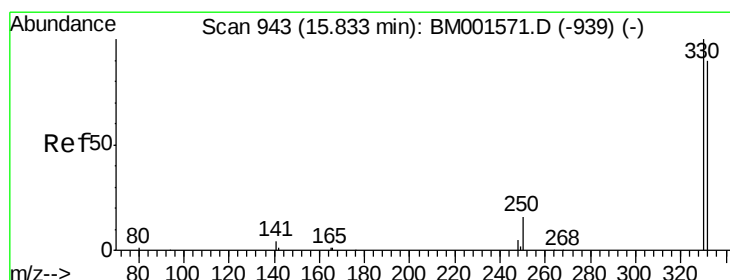
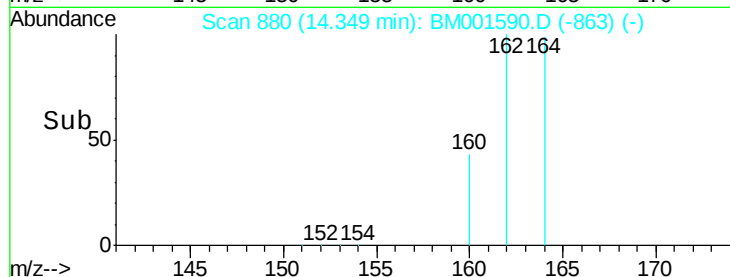
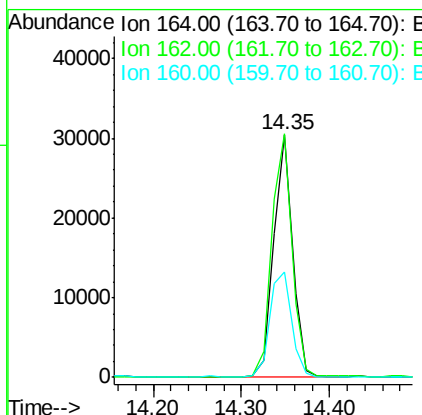
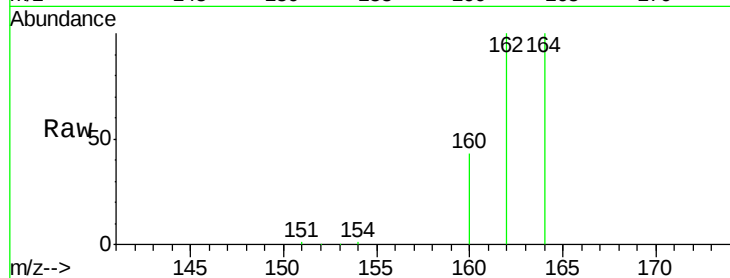
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Tgt Ion:	164	Resp:	44805
Ion Ratio	Lower	Upper	
164	100		
162	100.5	83.8	125.6
160	43.5	37.1	55.7



#13

2,4,6-Tribromophenol

Concen: 7.70 ng

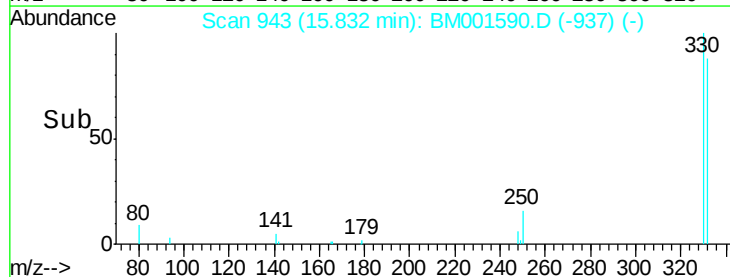
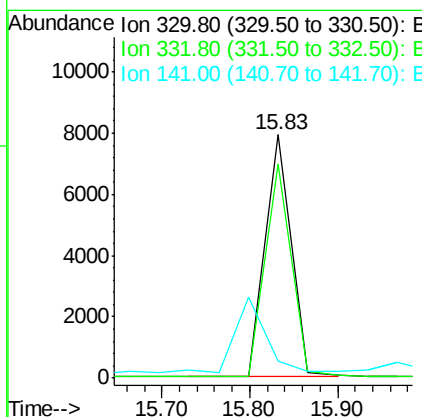
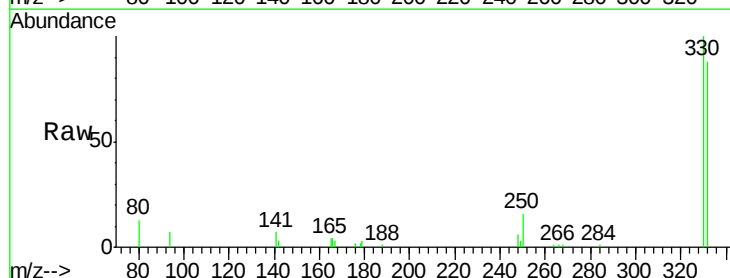
RT: 15.83 min Scan# 943

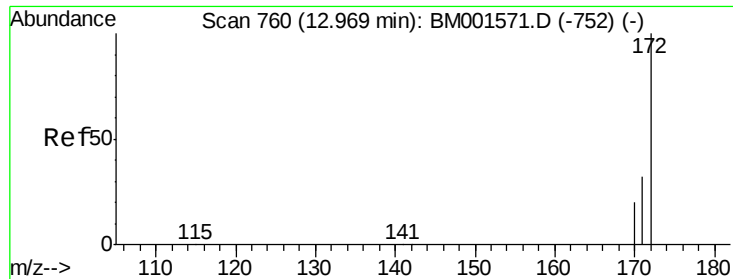
Delta R.T. -0.00 min

Lab File: BM001590.D

Acq: 06 Jun 2015 12:16

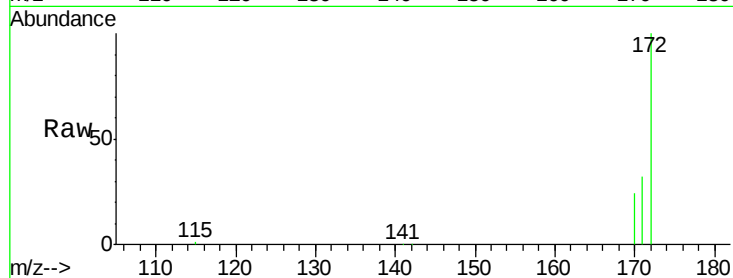
Tgt Ion:	330	Resp:	16473
Ion Ratio	Lower	Upper	
330	100		
332	88.7	72.0	108.0
141	0.0	0.0	0.0





#14
2-Fluorobiphenyl
Concen: 5.51 ng
RT: 12.97 min Scan# 760
Delta R.T. 0.01 min
Lab File: BM001590.D
Acq: 06 Jun 2015 12:16

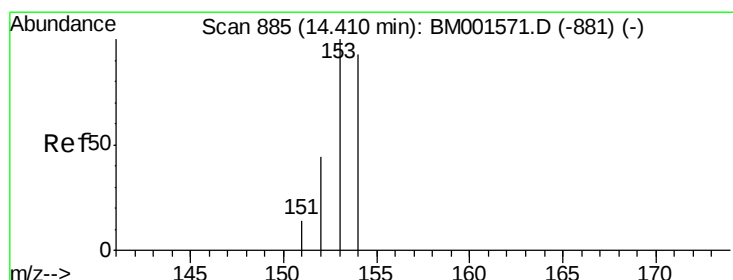
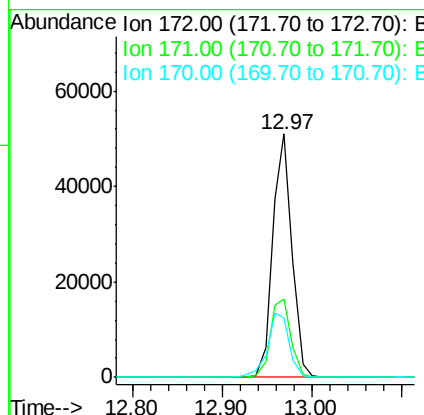
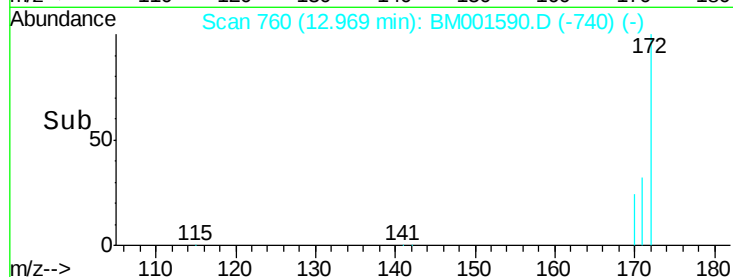
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Tgt Ion	Ratio	Lower	Upper
172	100		
171	32.4	26.2	39.2
170	24.4	16.1	24.1

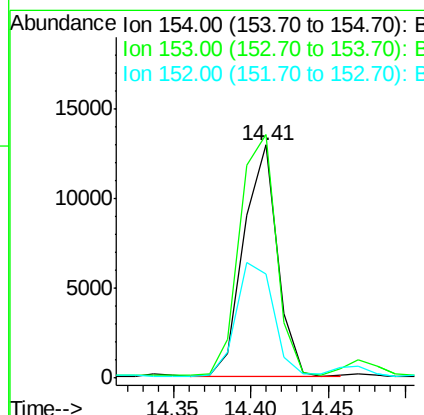
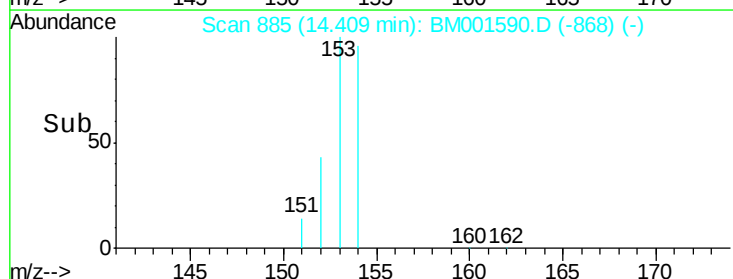
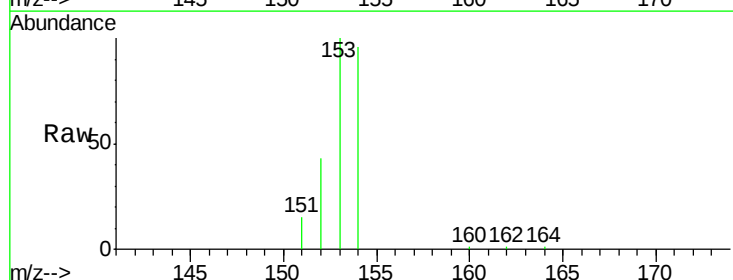
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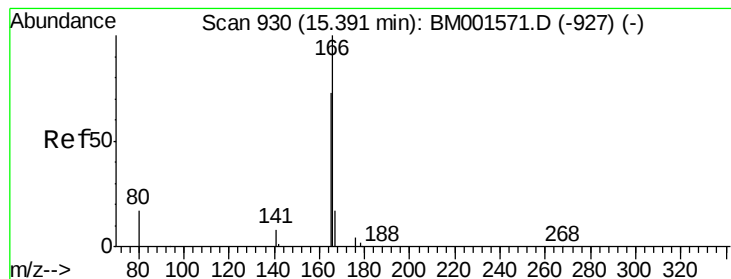
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#16
Acenaphthene
Concen: 1.59 ng
RT: 14.41 min Scan# 885
Delta R.T. -0.00 min
Lab File: BM001590.D
Acq: 06 Jun 2015 12:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.1	89.1	133.7
152	54.9	43.2	64.8





#17

Fluorene

Concen: 0.95 ng

RT: 15.36 min Scan# 929

Delta R.T. -0.00 min

Lab File: BM001590.D

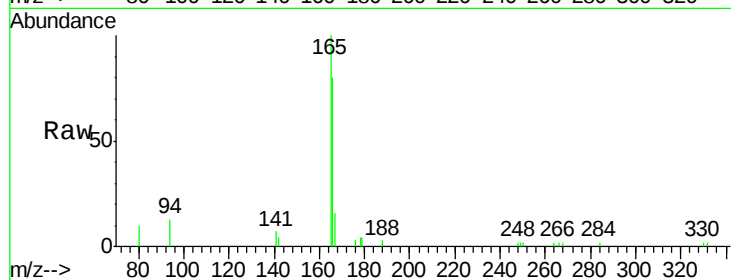
Acq: 06 Jun 2015 12:16

Instrument :

BNA_M

ClientSampleId :

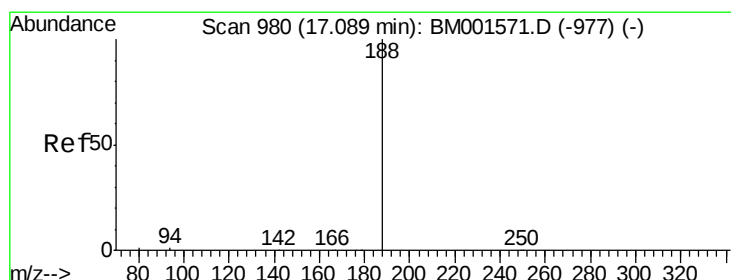
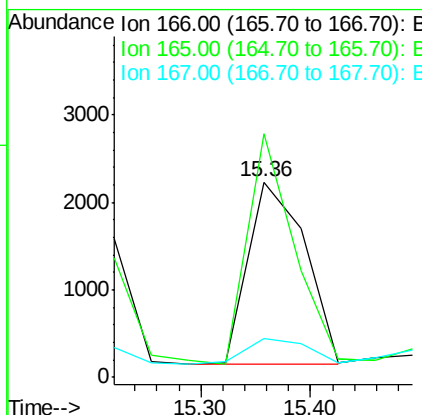
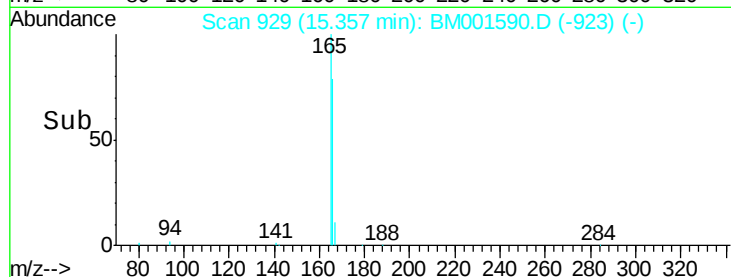
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Tgt Ion:	166	Resp:	7476
Ion Ratio	Lower	Upper	
166	100		
165	97.0	0.0	0.0#
167	15.4	11.3	16.9

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#18

Phenanthrene-d10

Concen: 5.00 ng

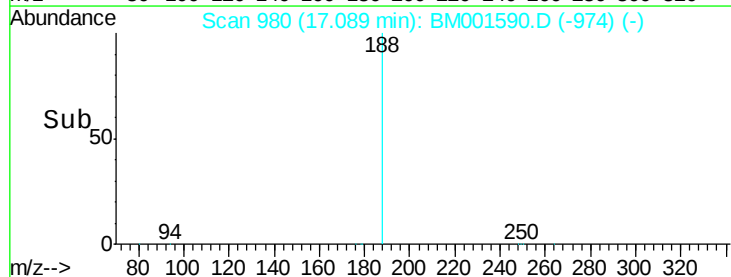
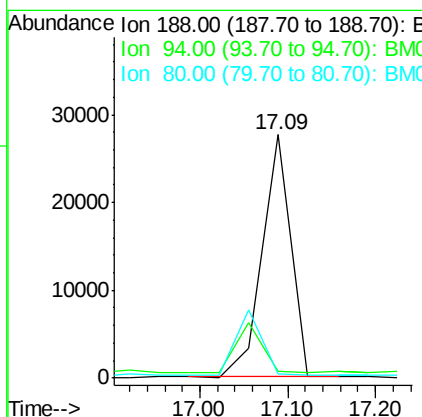
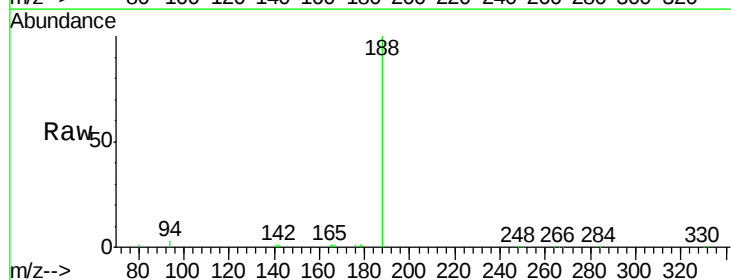
RT: 17.09 min Scan# 980

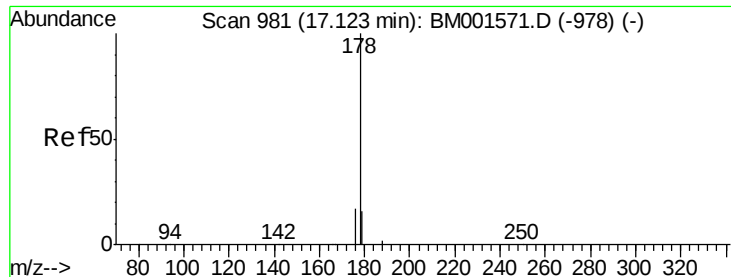
Delta R.T. -0.00 min

Lab File: BM001590.D

Acq: 06 Jun 2015 12:16

Tgt Ion:	188	Resp:	63105
Ion Ratio	Lower	Upper	
188	100		
94	2.7	0.7	1.1#
80	1.5	0.6	1.0#





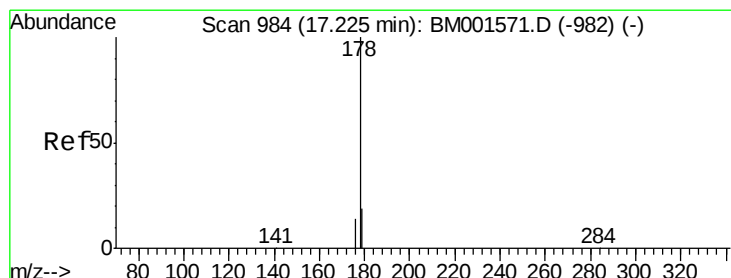
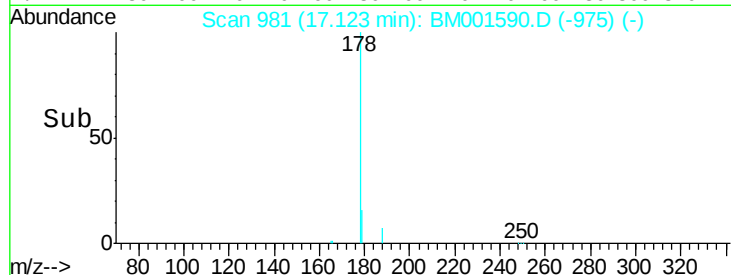
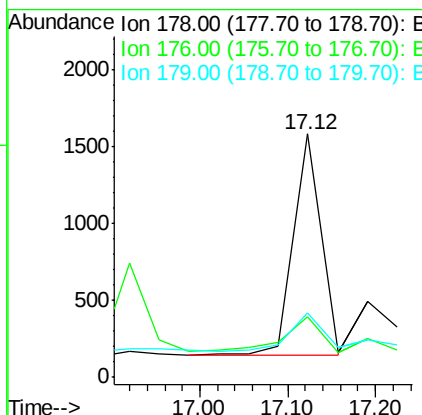
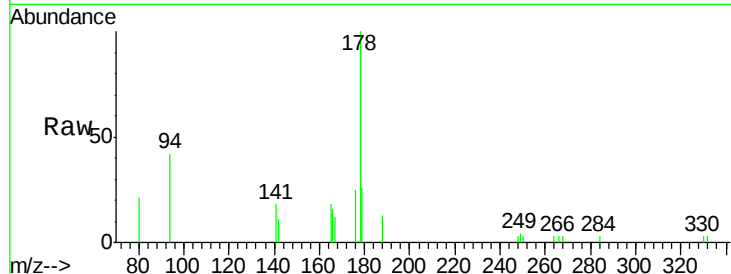
#22
Phenanthrene
Concen: 0.14 ng
RT: 17.12 min Scan# 981
Delta R.T. -0.00 min
Lab File: BM001590.D
Acq: 06 Jun 2015 12:16

Instrument :
BNA_M
ClientSampleId :
SS043MW011-150601

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.1	13.5	20.3#
179	20.7	13.3	19.9#

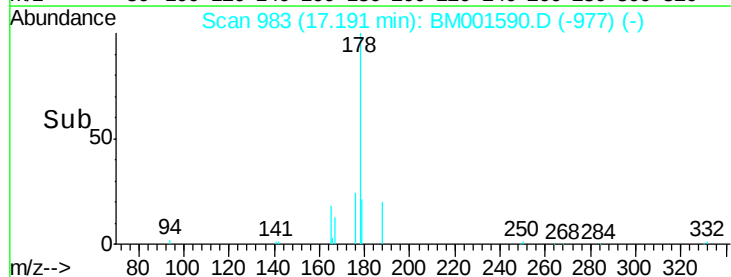
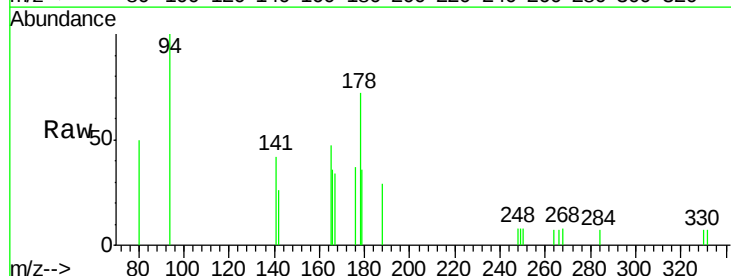
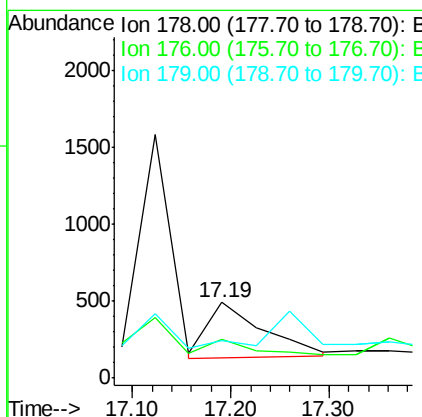
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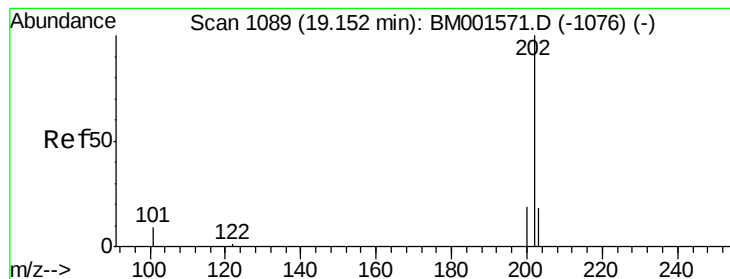
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#23
Anthracene
Concen: 0.15 ng m
RT: 17.19 min Scan# 983
Delta R.T. -0.00 min
Lab File: BM001590.D
Acq: 06 Jun 2015 12:16

Tgt Ion	Ratio	Lower	Upper
178	100		
176	51.8	45.9	68.9
179	58.0	33.3	49.9#





#24

Fluoranthene

Concen: 0.26 ng

RT: 19.15 min Scan# 1089

Delta R.T. -0.00 min

Lab File: BM001590.D

Acq: 06 Jun 2015 12:16

Instrument :

BNA_M

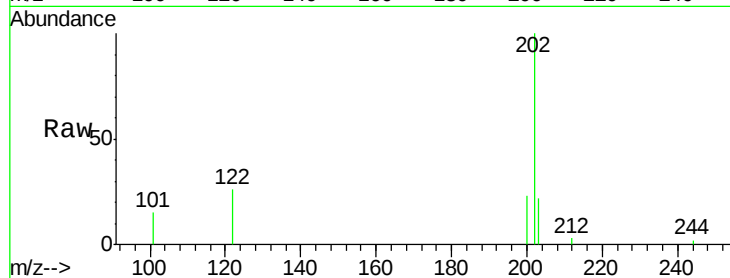
ClientSampleId :

SS043MW011-150601

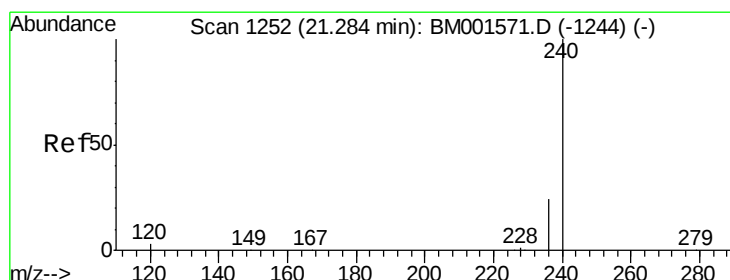
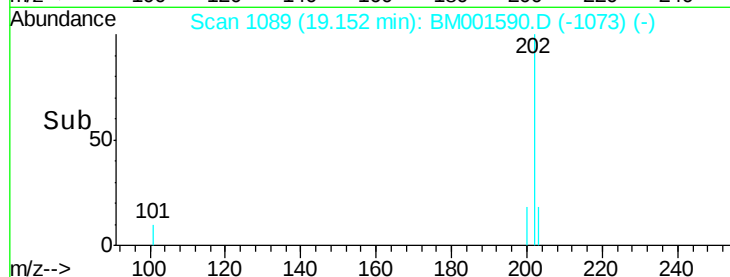
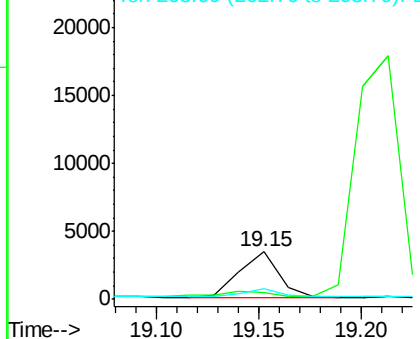
Tgt Ion:	202	Resp:	4434
Ion Ratio	Lower	Upper	
202	100		
101	25.1	10.0	15.0#
203	16.7	13.9	20.9

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.28 min Scan# 1252

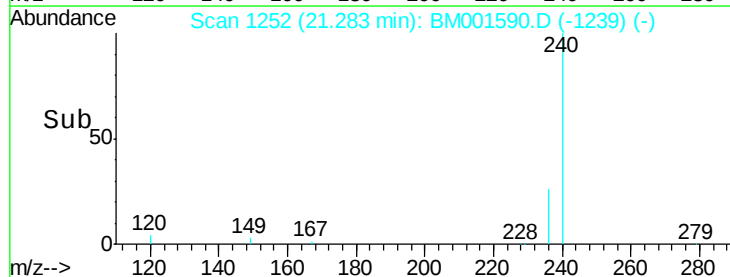
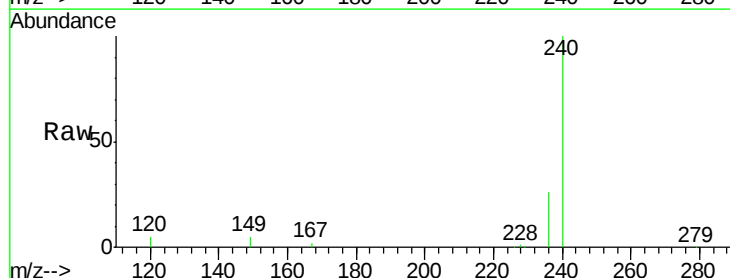
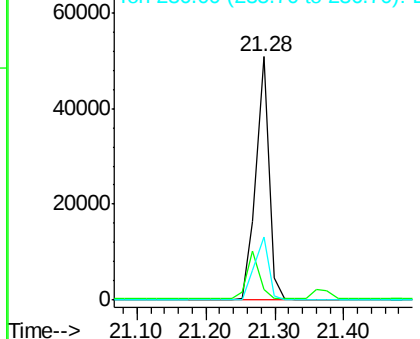
Delta R.T. -0.00 min

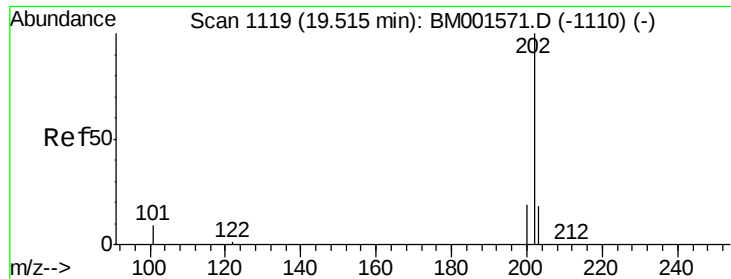
Lab File: BM001590.D

Acq: 06 Jun 2015 12:16

Tgt Ion:	240	Resp:	67204
Ion Ratio	Lower	Upper	
240	100		
120	4.6	2.2	3.2#
236	25.9	19.5	29.3

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





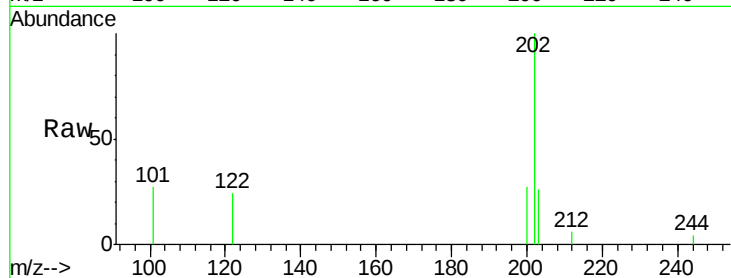
#26
Pyrene
Concen: 0.14 ng
RT: 19.52 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BM001590.D
Acq: 06 Jun 2015 12:16

Instrument :
BNA_M
ClientSampleId :
SS043MW011-150601

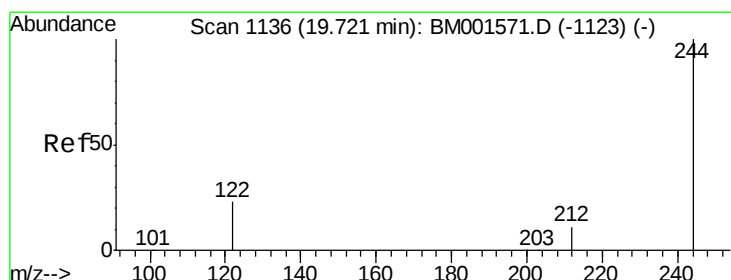
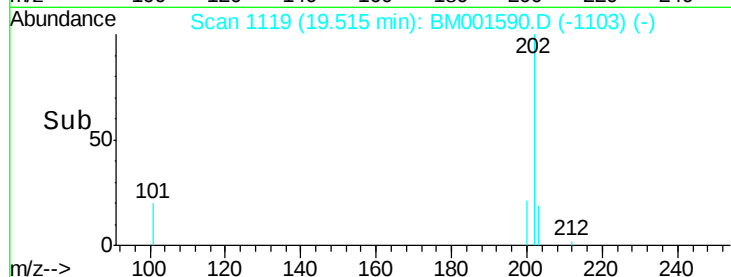
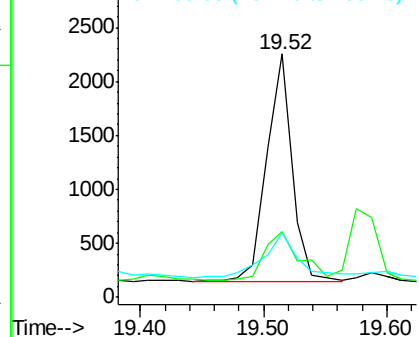
Tgt Ion	Ratio	Lower	Upper
202	100		
200	31.2	16.6	24.8#
203	26.4	13.9	20.9#

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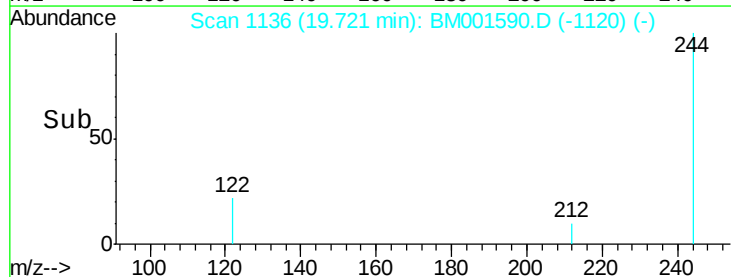
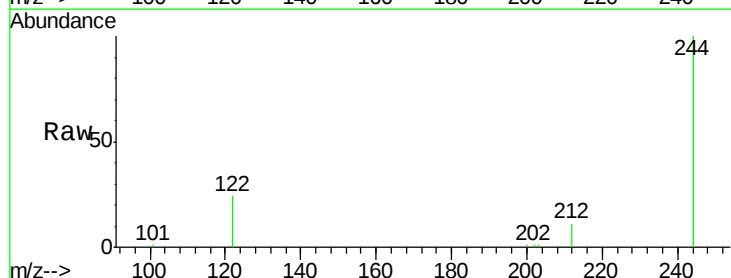
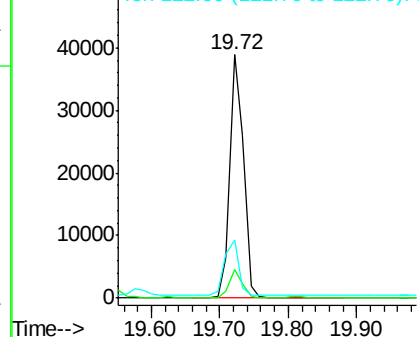
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

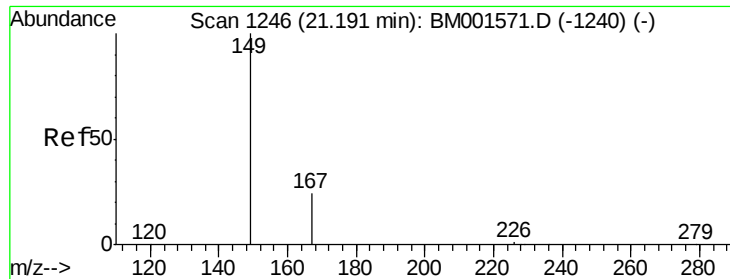


#27
Terphenyl-d14
Concen: 6.14 ng
RT: 19.72 min Scan# 1136
Delta R.T. -0.00 min
Lab File: BM001590.D
Acq: 06 Jun 2015 12:16

Tgt Ion	Ratio	Lower	Upper
244	100		
212	11.5	9.6	14.4
122	24.0	19.0	28.4

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#30

Bis(2-ethylhexyl)phthalate

Concen: 0.95 ng

RT: 21.19 min Scan# 1246

Delta R.T. -0.00 min

Lab File: BM001590.D

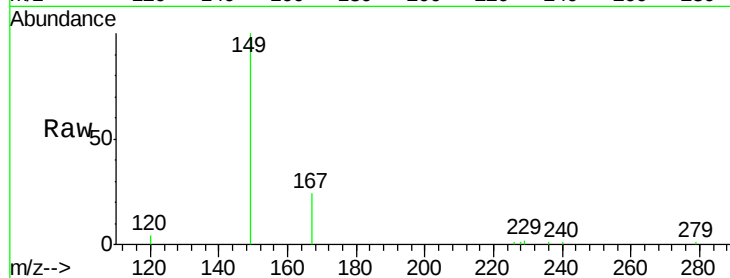
Acq: 06 Jun 2015 12:16

Instrument :

BNA_M

ClientSampleId :

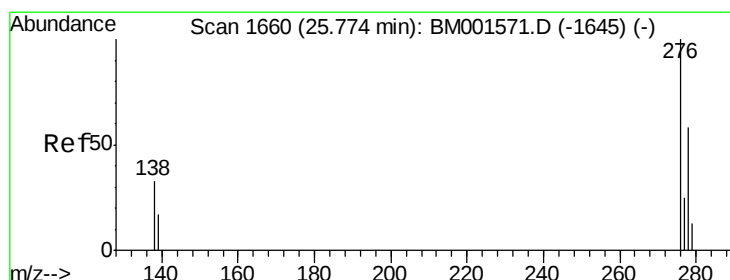
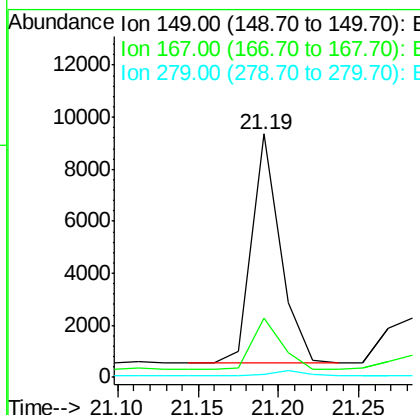
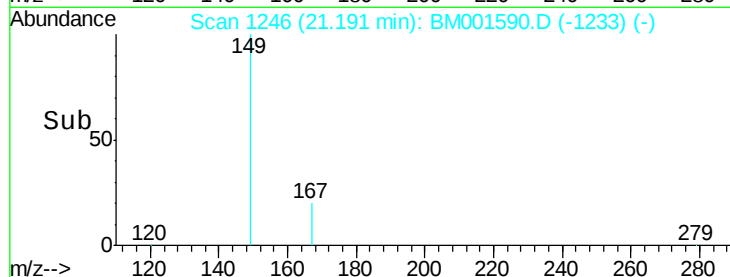
SS043MW011-150601



Tgt Ion:	149	Resp:	10844
Ion Ratio	Lower	Upper	
149	100		
167	22.9	20.2	30.2
279	2.4	1.8	2.6

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#31

Indeno(1,2,3-cd)pyrene

Concen: 0.03 ng

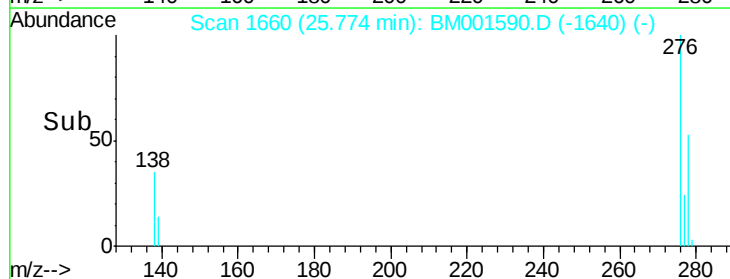
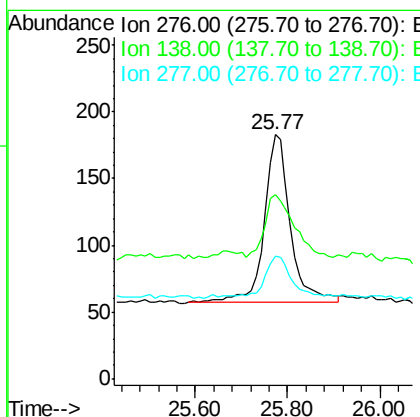
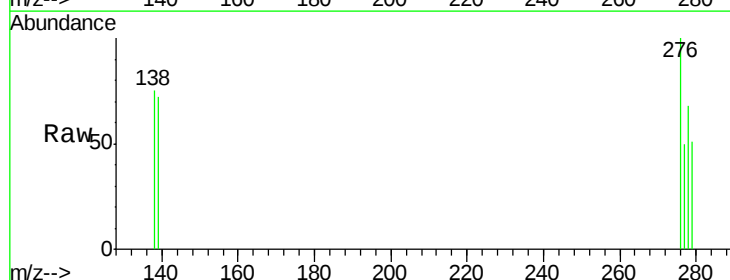
RT: 25.77 min Scan# 1660

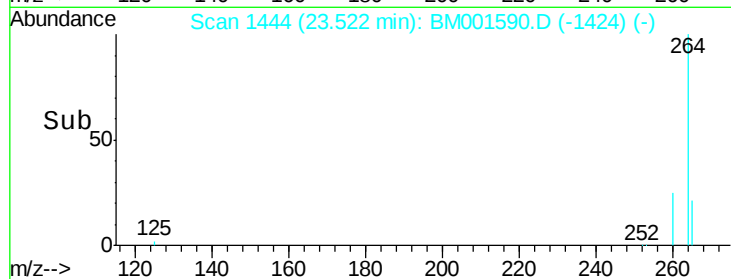
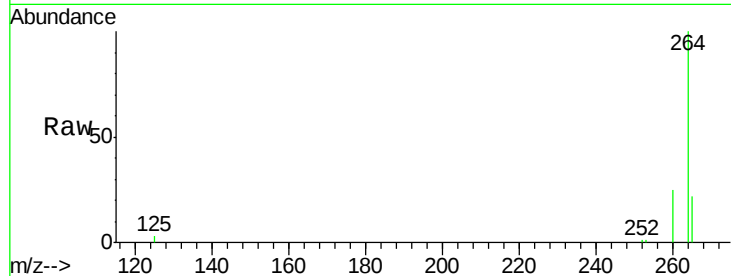
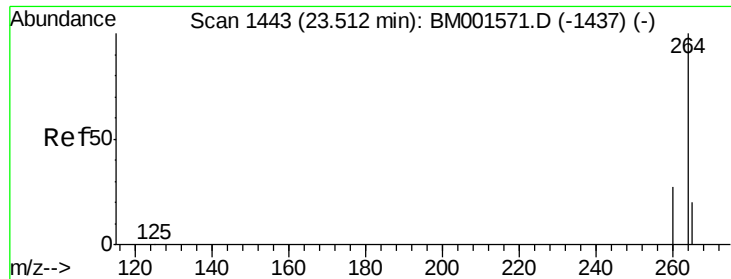
Delta R.T. 0.01 min

Lab File: BM001590.D

Acq: 06 Jun 2015 12:16

Tgt Ion:	276	Resp:	496
Ion Ratio	Lower	Upper	
276	100		
138	40.9	28.0	42.0
277	24.8	19.7	29.5





#32

Perylene-d12

Concen: 5.00 ng

RT: 23.52 min Scan# 1444

Delta R.T. 0.01 min

Lab File: BM001590.D

Acq: 06 Jun 2015 12:16

Instrument :

BNA_M

ClientSampleId :

SS043MW011-150601

Tgt Ion:	264	Resp:	62233
Ion Ratio	Lower	Upper	
264	100		
260	25.3	21.6	32.4
265	22.3	16.5	24.7

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