

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060815\
 Data File : BM001615.D
 Acq On : 09 Jun 2015 12:22
 Operator : TP/IZ
 Sample : G2491-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SS043MW100-150602

Manual Integrations
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Quant Time: Jun 10 10:42:52 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 10 03:26:36 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	30118	5.00	ng	0.00
6) Naphthalene-d8	10.47	136	108347	5.00	ng	0.00
12) Acenaphthene-d10	14.35	164	50636	5.00	ng	0.00
18) Phenanthrene-d10	17.09	188	61424	5.00	ng	0.00
25) Chrysene-d12	21.28	240	85872	5.00	ng	0.00
32) Perylene-d12	23.52	264	77615	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	16621	2.43	ng	0.00
5) Phenol-d6	6.84	99	13543	1.61	ng	0.00
7) Nitrobenzene-d5	8.85	82	40423	5.29	ng	0.00
13) 2,4,6-Tribromophenol	15.83	330	28922	11.84	ng	0.00
14) 2-Fluorobiphenyl	12.96	172	87841	5.33	ng	0.00
27) Terphenyl-d14	19.72	244	86759	7.74	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.21	88	3444	1.04	ng	Qvalue 89
9) Naphthalene	10.52	128	623	0.03	ng	# 61
16) Acenaphthene	14.40	154	12852	0.90	ng	99
17) Fluorene	15.36	166	673	0.07	ng	# 77
22) Phenanthrene	17.12	178	626m	0.03	ng	
23) Anthracene	17.19	178	1045m	0.08	ng	
24) Fluoranthene	19.14	202	2374	0.10	ng	# 87
26) Pyrene	19.52	202	3088	0.11	ng	# 90
28) Benzo(a)anthracene	21.27	228	955m	0.04	ng	
29) Chrysene	21.31	228	562m	0.02	ng	
30) Bis(2-ethylhexyl)phthalate	21.19	149	53874	3.72	ng	100
31) Indeno(1,2,3-cd)pyrene	25.76	276	617	0.03	ng	# 88

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

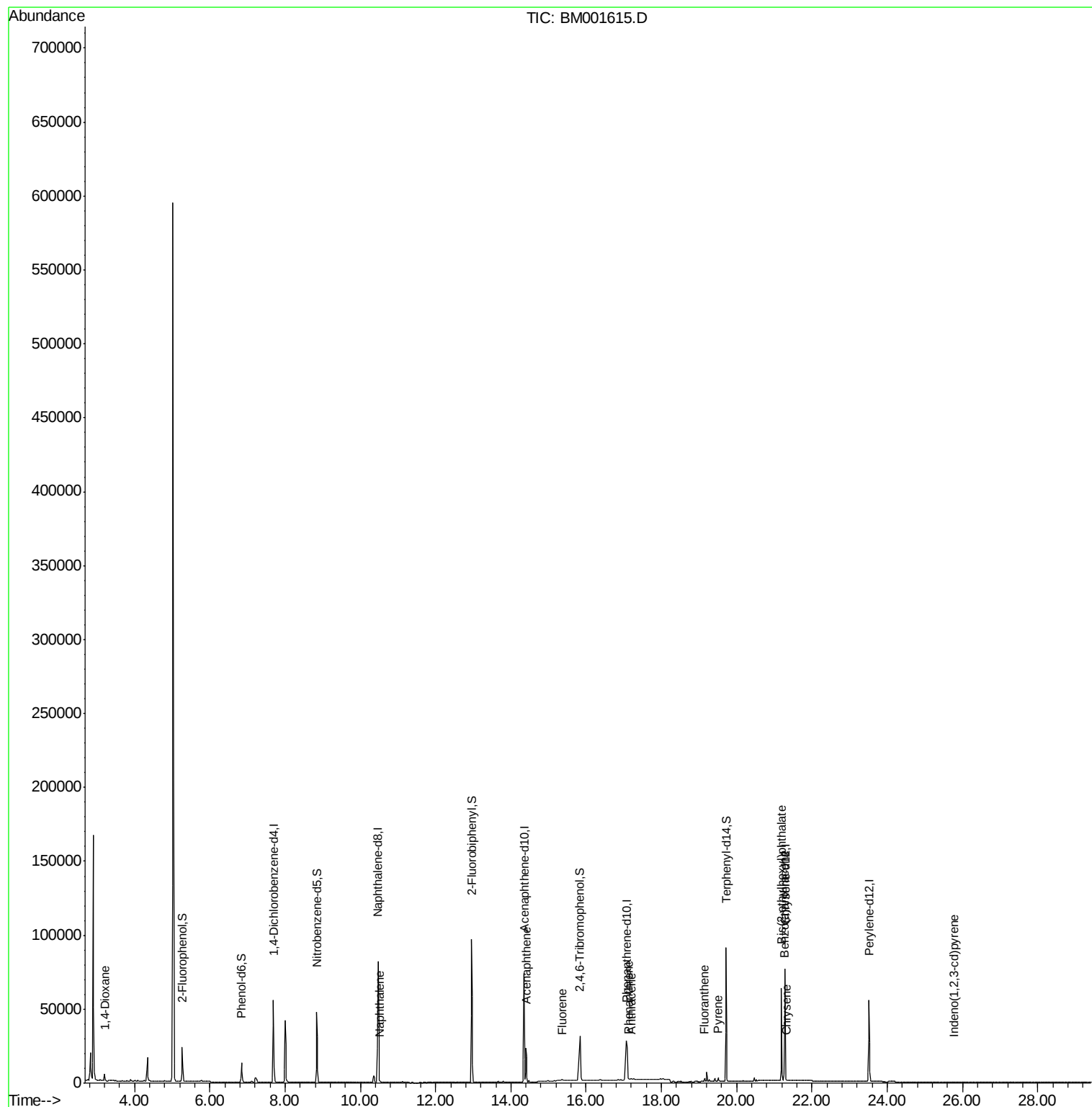
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060815\
Data File : BM001615.D
Acq On : 09 Jun 2015 12:22
Operator : TP/IZ
Sample : G2491-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

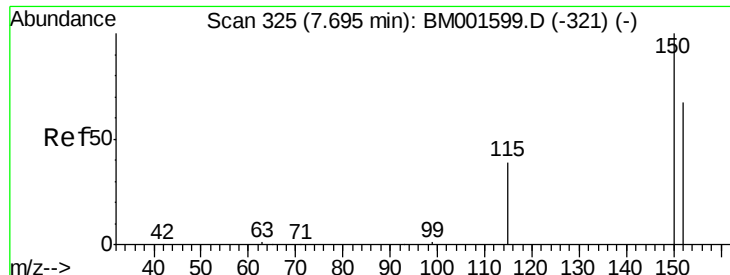
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.70 min Scan# 325

Delta R.T. 0.00 min

Lab File: BM001615.D

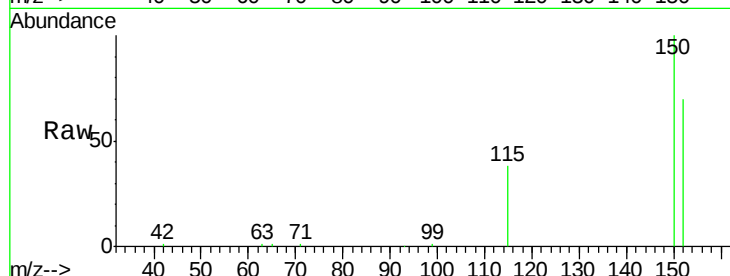
Acq: 09 Jun 2015 12:22

Instrument :

BNA_M

ClientSampleId :

SS043MW100-150602



Tgt Ion: 152 Resp: 30118

Ion Ratio Lower Upper

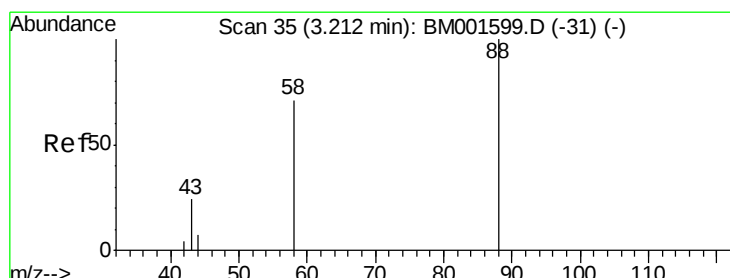
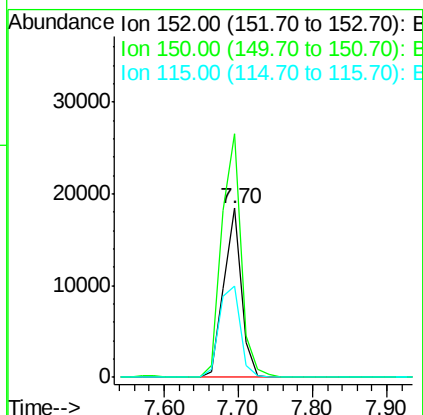
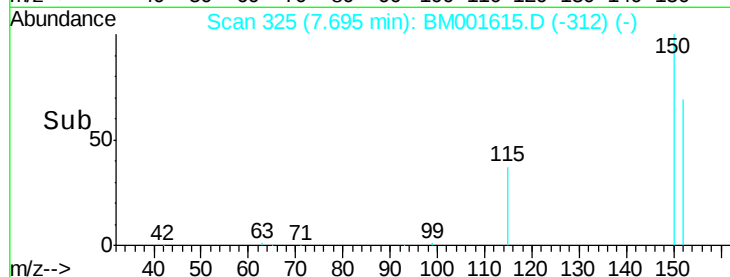
152 100

150 143.9 120.1 180.1

115 54.1 47.0 70.6

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#2

1,4-Dioxane

Concen: 1.04 ng

RT: 3.21 min Scan# 35

Delta R.T. 0.00 min

Lab File: BM001615.D

Acq: 09 Jun 2015 12:22

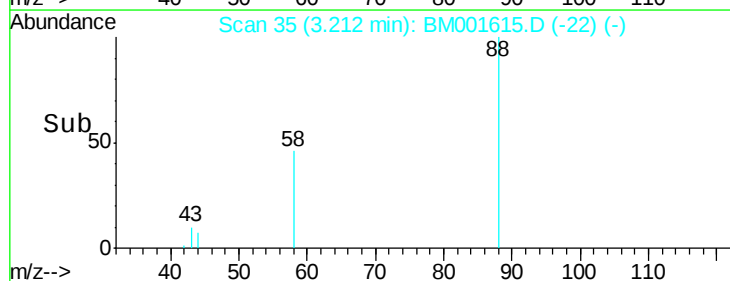
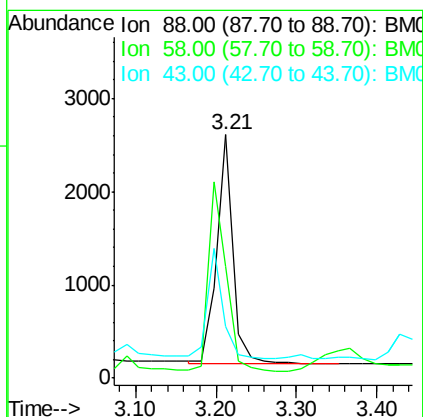
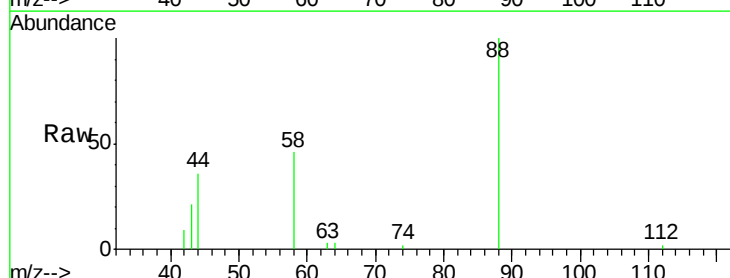
Tgt Ion: 88 Resp: 3444

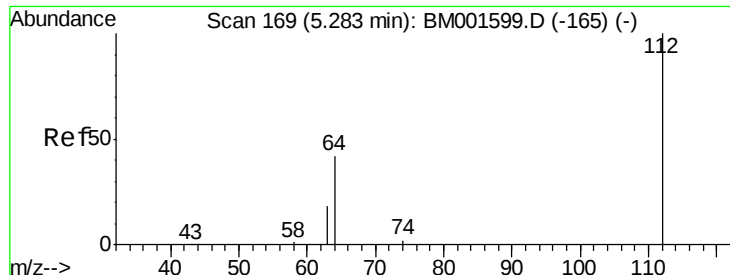
Ion Ratio Lower Upper

88 100

58 90.9 65.5 98.3

43 47.9 32.2 48.2





#4

2-Fluorophenol

Concen: 2.43 ng

RT: 5.27 min Scan# 168

Delta R.T. 0.00 min

Lab File: BM001615.D

Acq: 09 Jun 2015 12:22

Instrument :

BNA_M

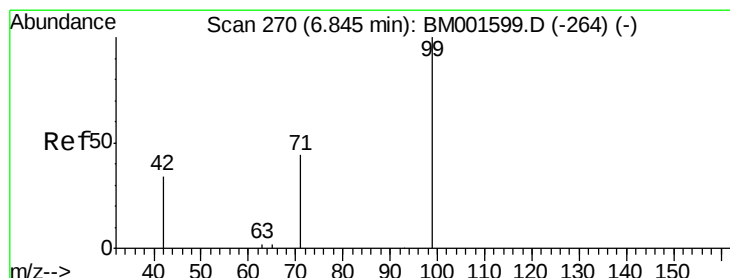
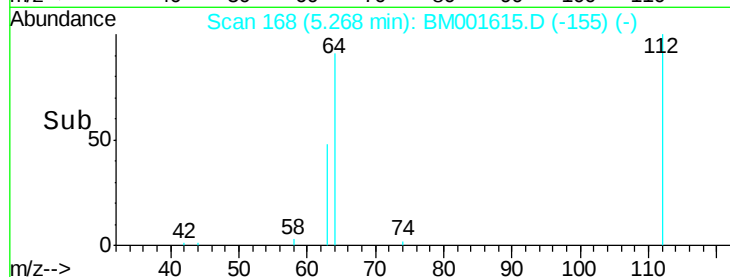
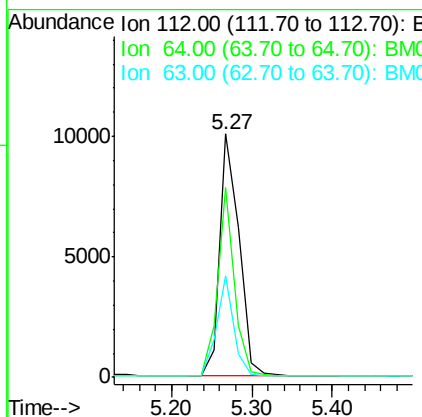
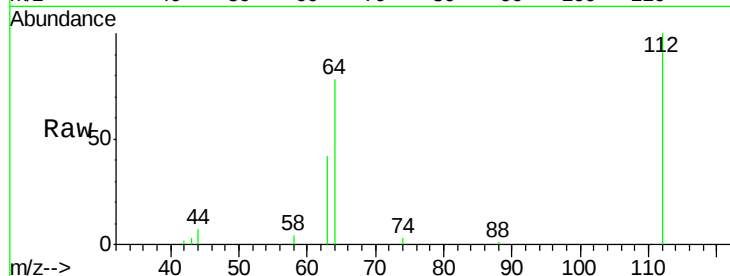
ClientSampleId :

SS043MW100-150602

Tgt Ion:	112	Resp:	16621
Ion Ratio	Lower	Upper	
112	100		
64	68.9	54.8	82.2
63	37.9	30.5	45.7

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#5

Phenol-d6

Concen: 1.61 ng

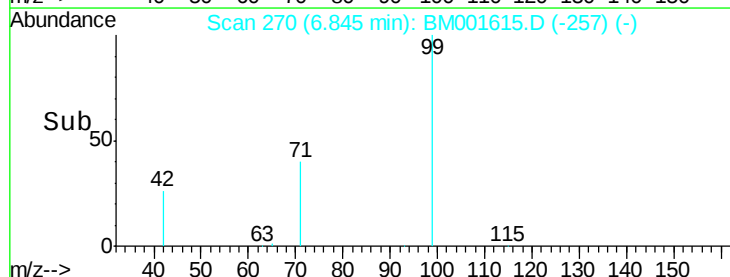
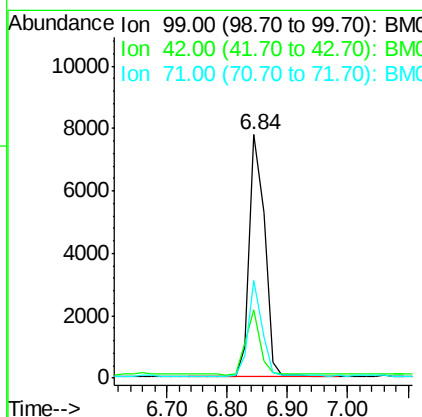
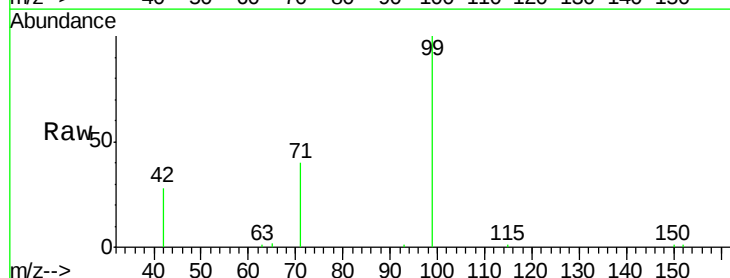
RT: 6.84 min Scan# 270

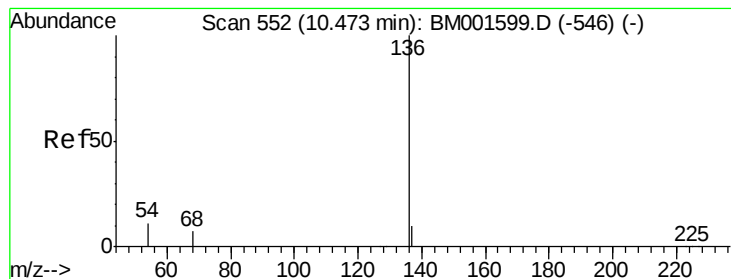
Delta R.T. 0.00 min

Lab File: BM001615.D

Acq: 09 Jun 2015 12:22

Tgt Ion:	99	Resp:	13543
Ion Ratio	Lower	Upper	
99	100		
42	24.9	21.6	32.4
71	36.5	28.7	43.1





#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.47 min Scan# 552

Delta R.T. 0.00 min

Lab File: BM001615.D

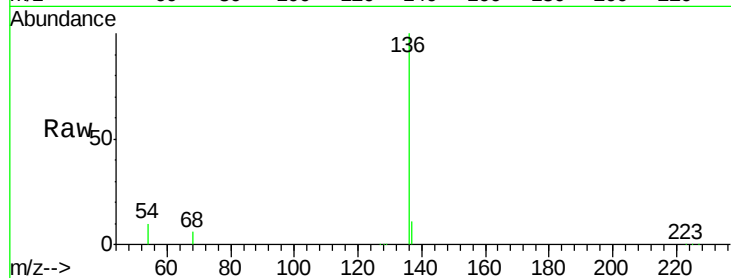
Acq: 09 Jun 2015 12:22

Instrument :

BNA_M

ClientSampleId :

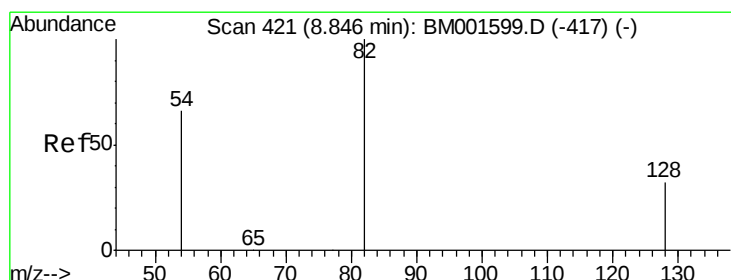
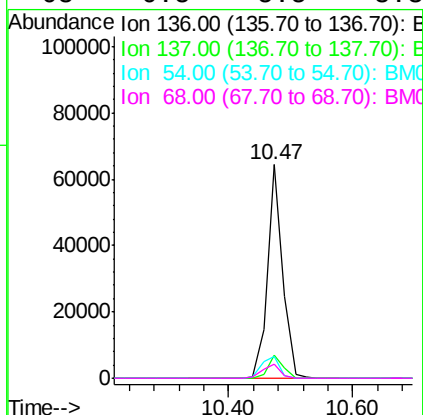
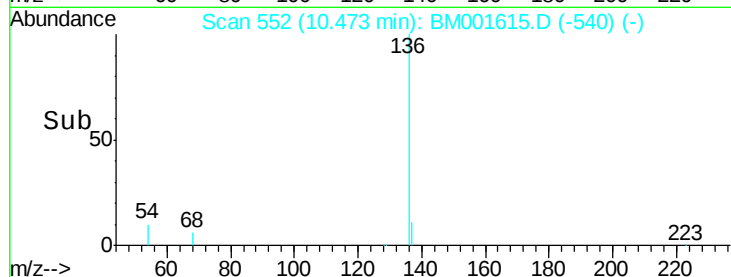
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Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	10.6	8.3	12.5
54	10.3	9.2	13.8
68	6.5	5.5	8.3

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#7

Nitrobenzene-d5

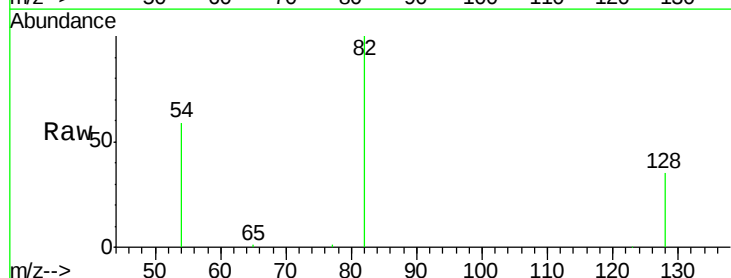
Concen: 5.29 ng

RT: 8.85 min Scan# 421

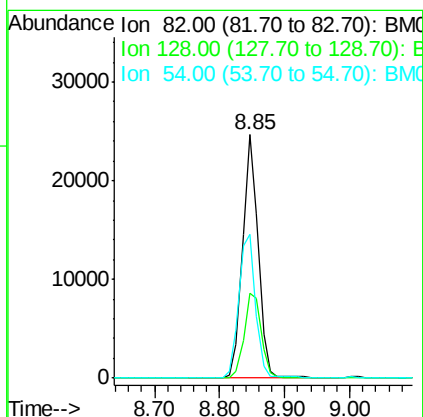
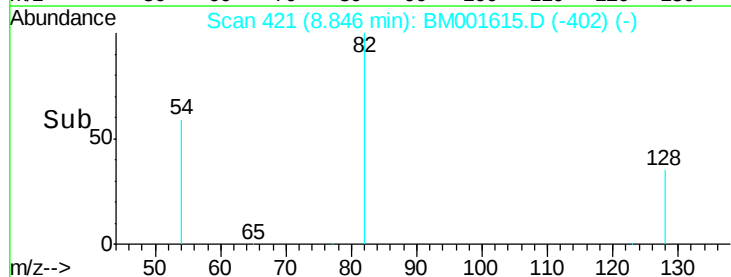
Delta R.T. 0.00 min

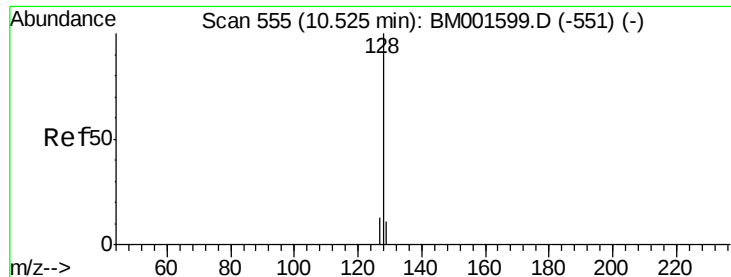
Lab File: BM001615.D

Acq: 09 Jun 2015 12:22



Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	35.1	26.6	40.0
54	58.8	53.0	79.6





#9

Naphthalene

Concen: 0.03 ng

RT: 10.52 min Scan# 555

Delta R.T. 0.00 min

Lab File: BM001615.D

Acq: 09 Jun 2015 12:22

Instrument :

BNA_M

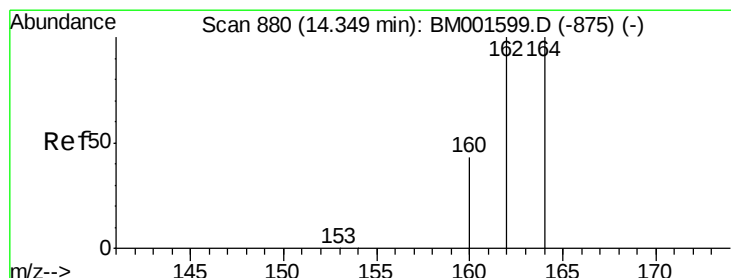
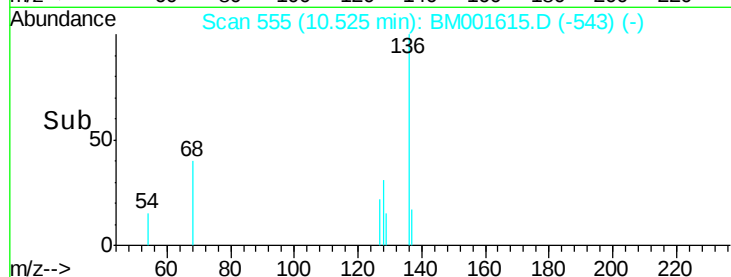
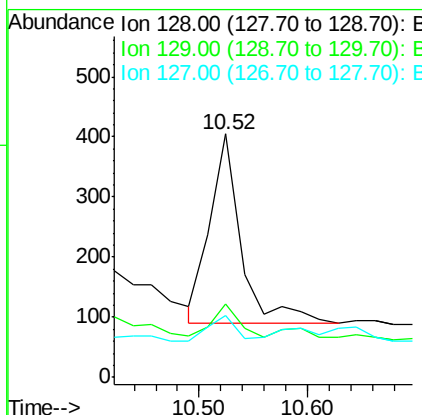
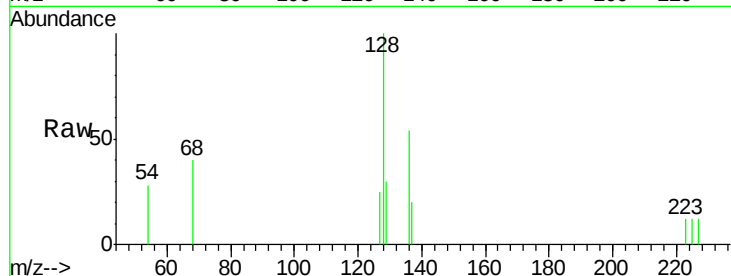
ClientSampleId :

SS043MW100-150602

Tgt Ion:	128	Resp:	623
Ion Ratio	Lower	Upper	
128	100		
129	30.1	9.1	13.7#
127	25.2	10.4	15.6#

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#12

Acenaphthene-d10

Concen: 5.00 ng

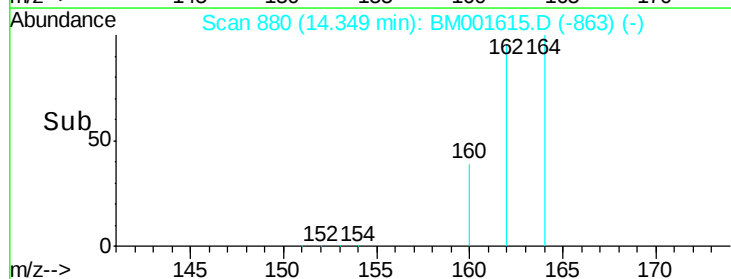
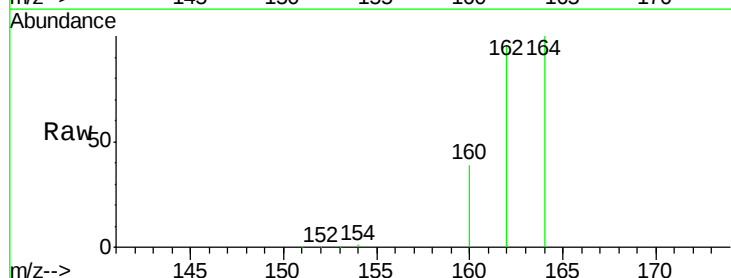
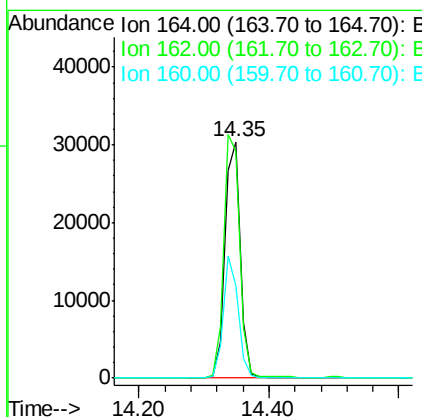
RT: 14.35 min Scan# 880

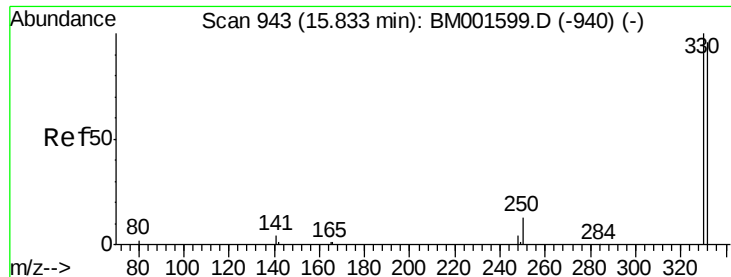
Delta R.T. 0.00 min

Lab File: BM001615.D

Acq: 09 Jun 2015 12:22

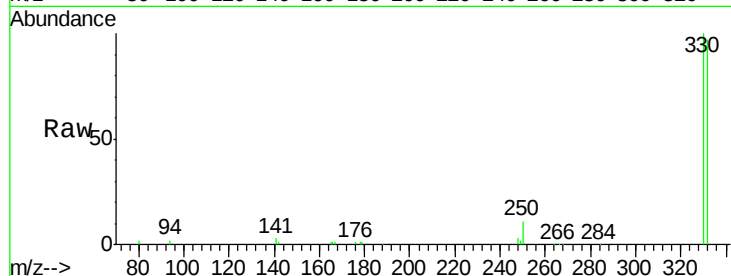
Tgt Ion:	164	Resp:	50636
Ion Ratio	Lower	Upper	
164	100		
162	95.7	79.8	119.6
160	39.3	34.6	51.8





#13
 2,4,6-Tribromophenol
 Concen: 11.84 ng
 RT: 15.83 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BM001615.D
 Acq: 09 Jun 2015 12:22

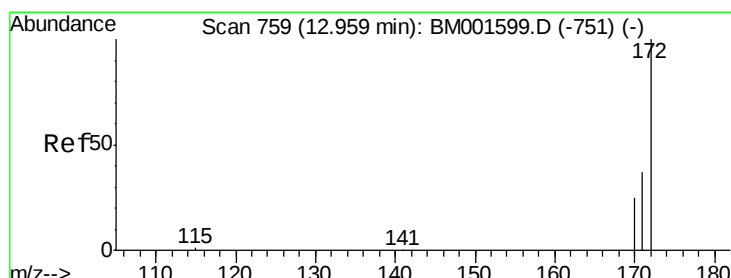
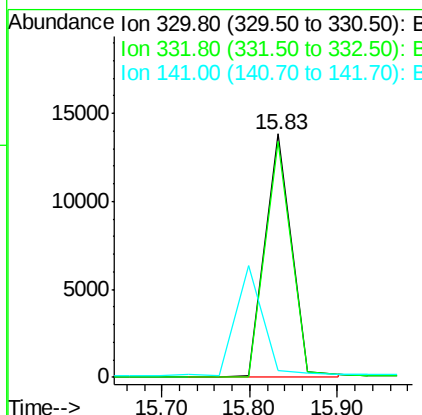
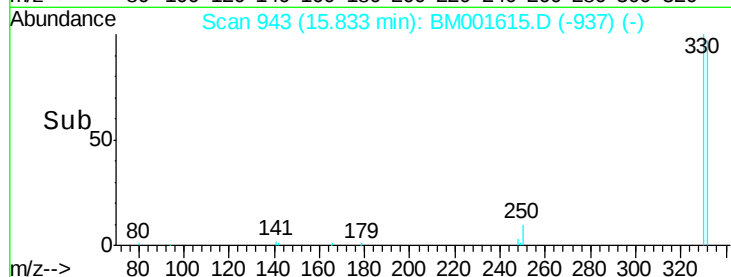
Instrument :
 BNA_M
 ClientSampleId :
 SS043MW100-150602



Tgt Ion	Ratio	Resp	Lower	Upper
330	100	28922		
332	97.2	76.7	115.1	
141	0.0	0.0	0.0	

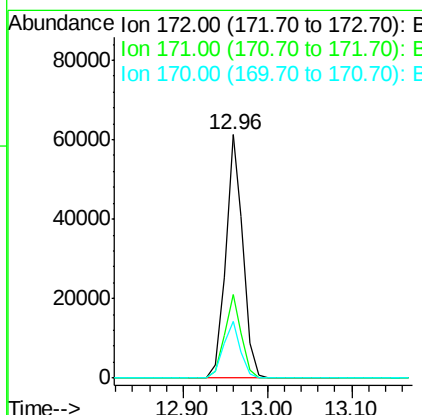
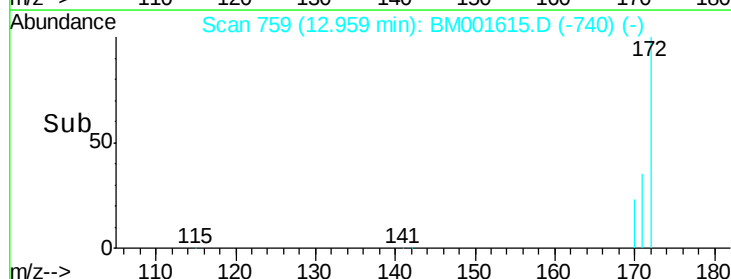
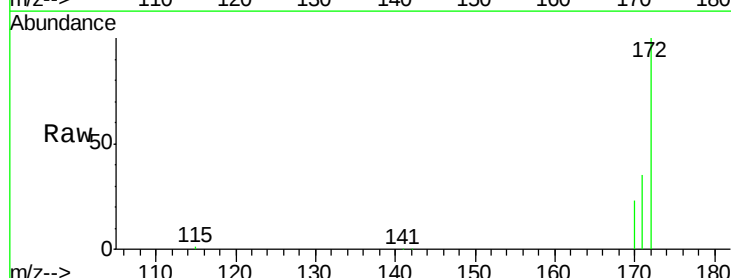
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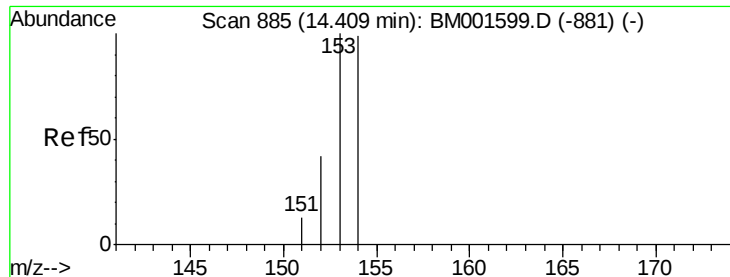
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#14
 2-Fluorobiphenyl
 Concen: 5.33 ng
 RT: 12.96 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: BM001615.D
 Acq: 09 Jun 2015 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	87841		
171	34.6	29.6	44.4	
170	23.2	20.6	31.0	





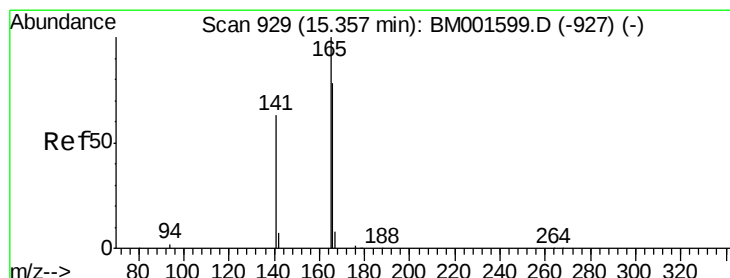
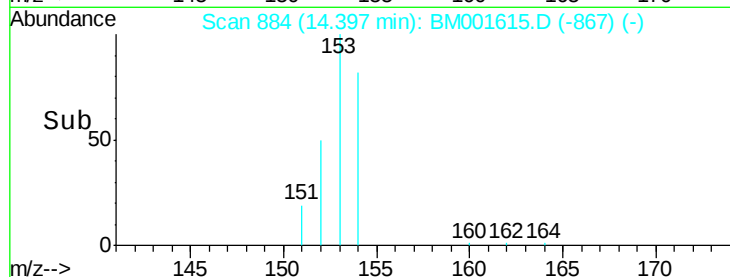
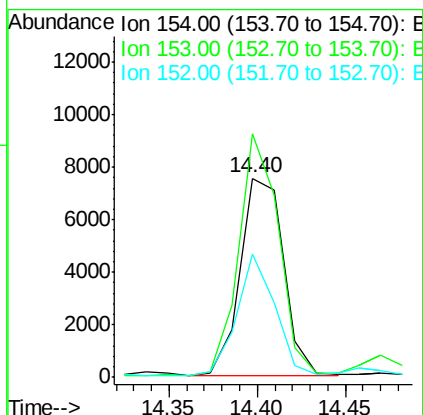
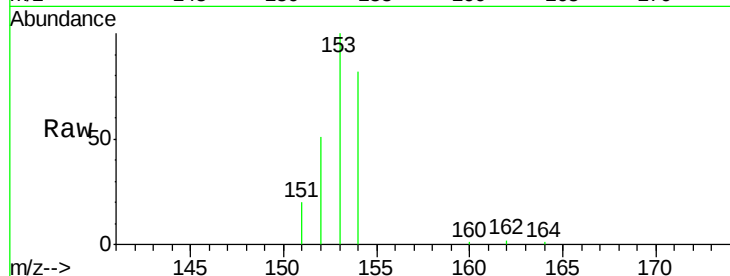
#16
Acenaphthene
Concen: 0.90 ng
RT: 14.40 min Scan# 884
Delta R.T. 0.00 min
Lab File: BM001615.D
Acq: 09 Jun 2015 12:22

Instrument :
BNA_M
ClientSampleId :
SS043MW100-150602

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.1	89.4	134.0
152	54.2	43.6	65.4

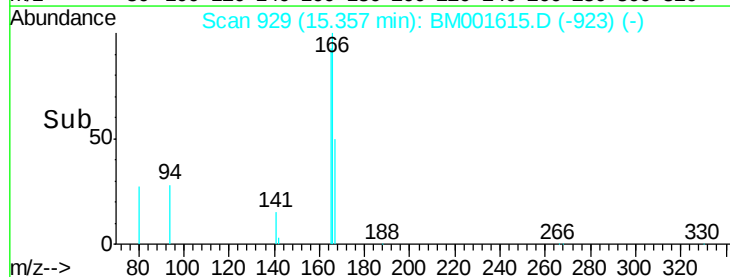
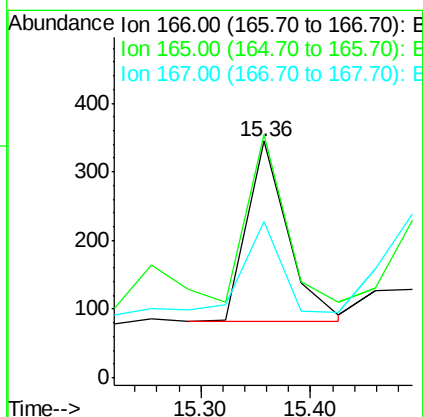
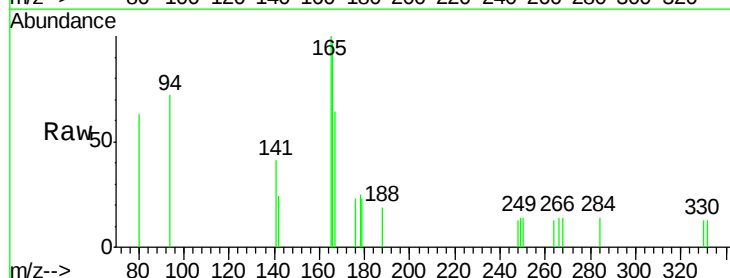
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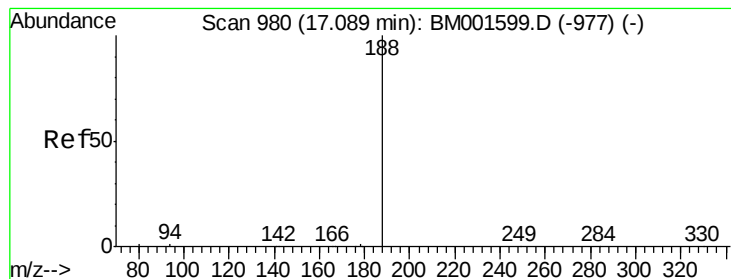
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#17
Fluorene
Concen: 0.07 ng
RT: 15.36 min Scan# 929
Delta R.T. 0.00 min
Lab File: BM001615.D
Acq: 09 Jun 2015 12:22

Tgt Ion	Ratio	Lower	Upper
166	100		
165	123.6	87.8	131.8
167	54.8	10.0	15.0#





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.09 min Scan# 980

Delta R.T. 0.00 min

Lab File: BM001615.D

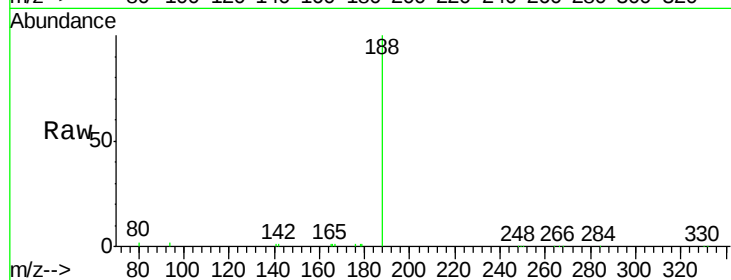
Acq: 09 Jun 2015 12:22

Instrument :

BNA_M

ClientSampleId :

SS043MW100-150602



Tgt Ion:188 Resp: 61424

Ion Ratio Lower Upper

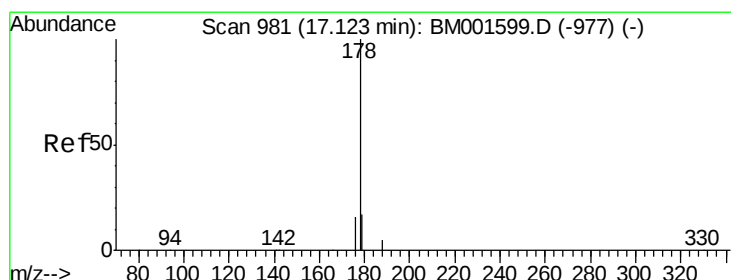
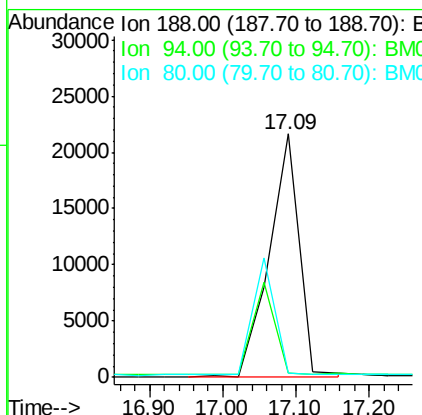
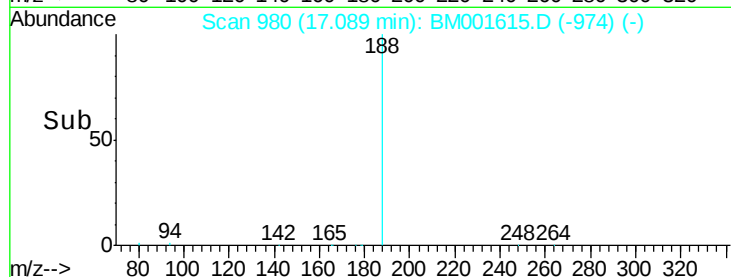
188 100

94 1.9 1.0 1.6#

80 1.6 1.0 1.4#

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#22

Phenanthrene

Concen: 0.03 ng m

RT: 17.12 min Scan# 981

Delta R.T. 0.00 min

Lab File: BM001615.D

Acq: 09 Jun 2015 12:22

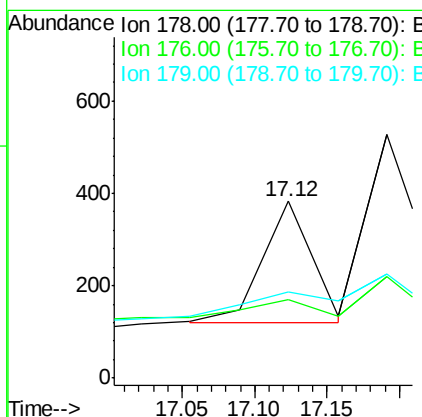
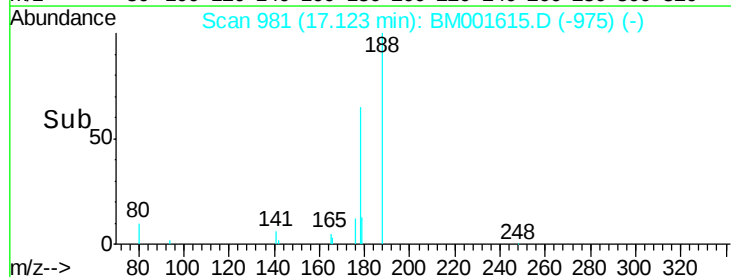
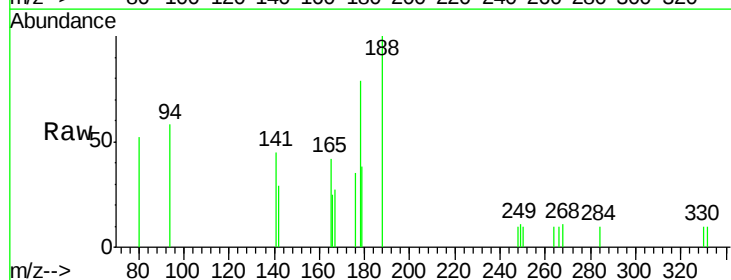
Tgt Ion:178 Resp: 626

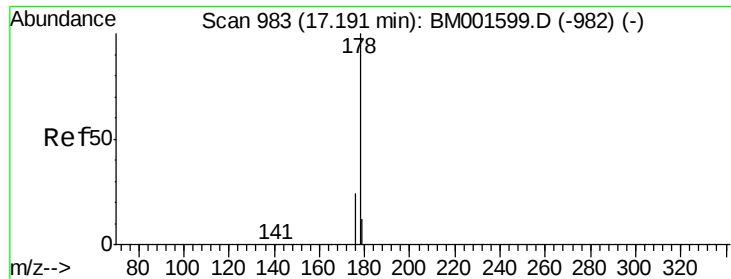
Ion Ratio Lower Upper

178 100

176 0.0 13.2 19.8#

179 0.0 13.8 20.8#





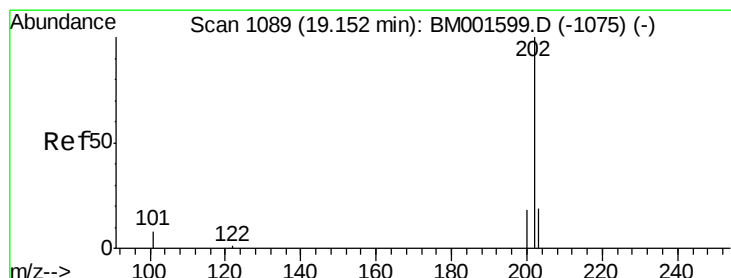
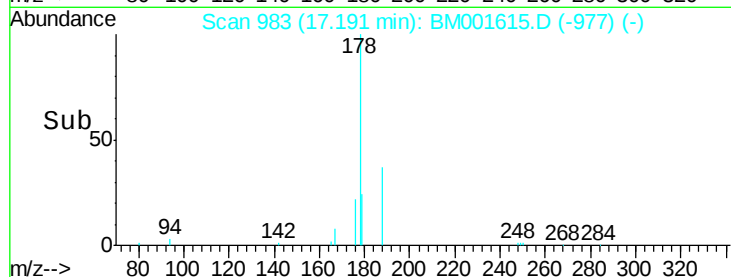
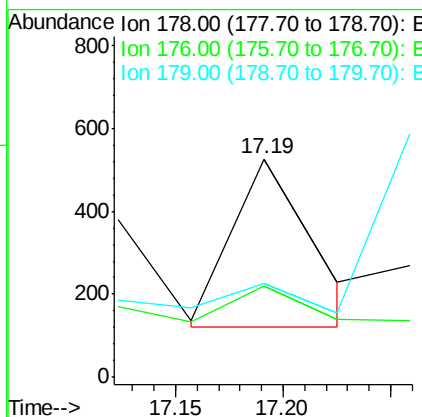
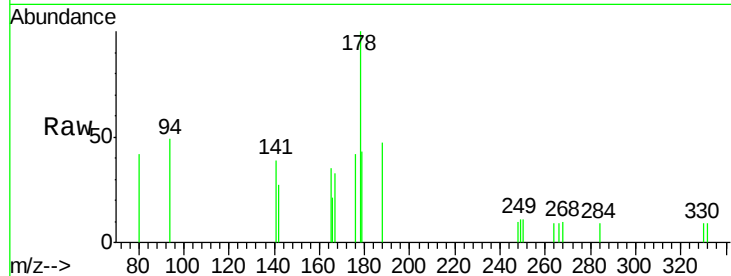
#23
 Anthracene
 Concen: 0.08 ng m
 RT: 17.19 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: BM001615.D
 Acq: 09 Jun 2015 12:22

Instrument :
 BNA_M
 ClientSampleId :
 SS043MW100-150602

Tgt Ion	Ratio	Lower	Upper
178	100		
176	32.7	21.9	32.9
179	0.0	23.0	34.4#

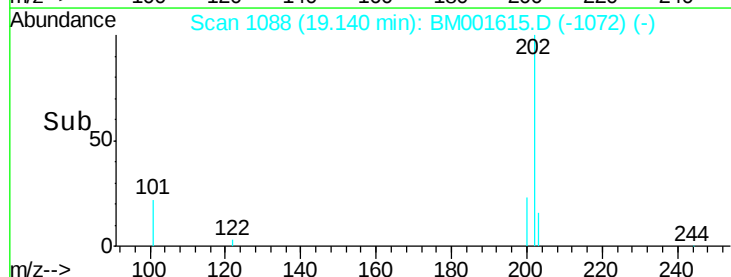
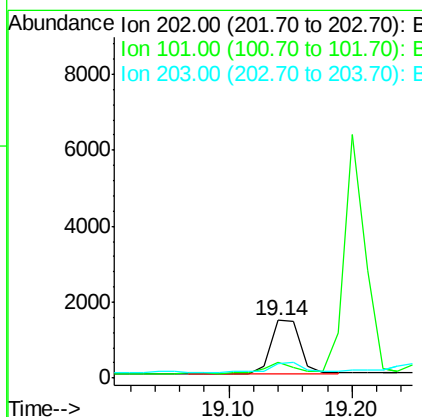
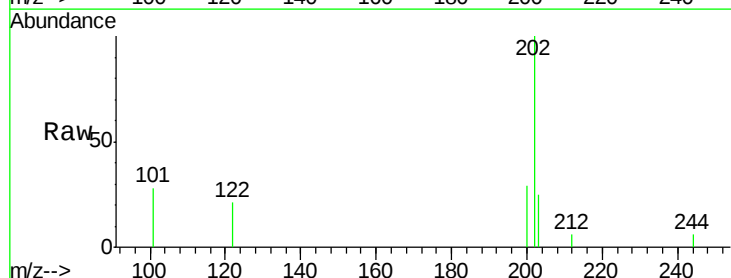
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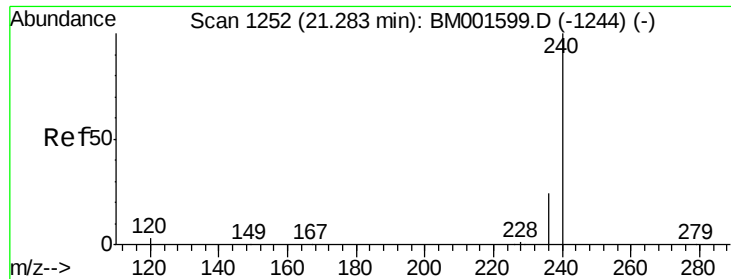
apatel
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#24
 Fluoranthene
 Concen: 0.10 ng
 RT: 19.14 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BM001615.D
 Acq: 09 Jun 2015 12:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	22.8	10.4	15.6#
203	19.2	13.8	20.6





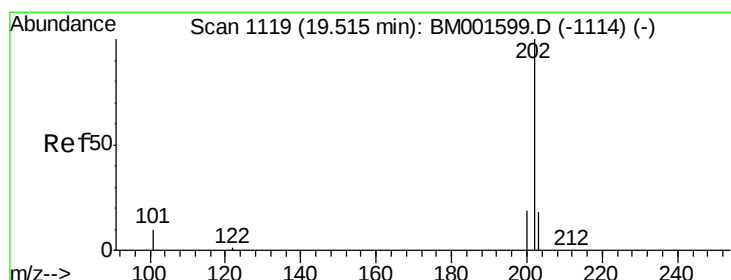
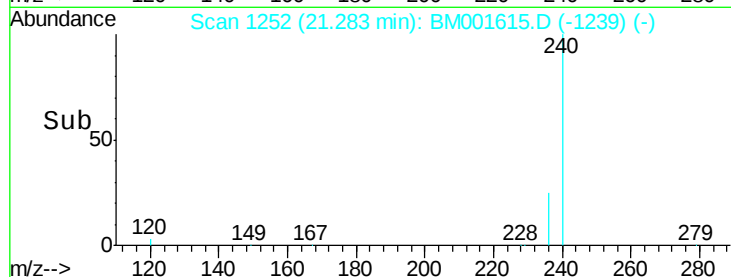
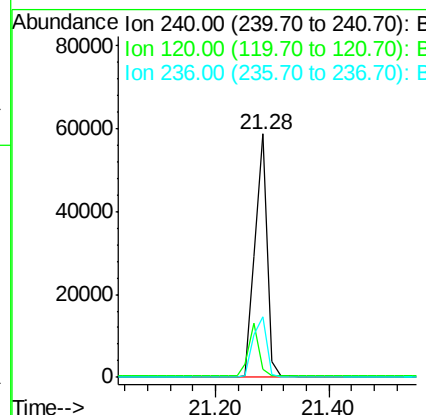
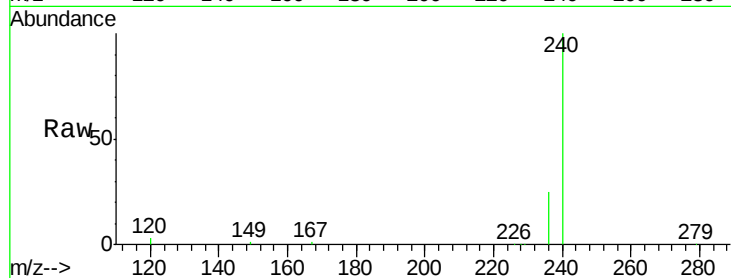
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.28 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BM001615.D
Acq: 09 Jun 2015 12:22

Instrument :
BNA_M
ClientSampleId :
SS043MW100-150602

Tgt Ion	Ratio	Lower	Upper
240	100		
120	3.5	2.2	3.4#
236	25.0	19.6	29.4

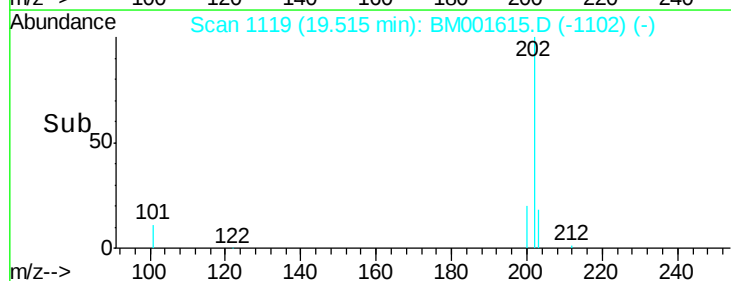
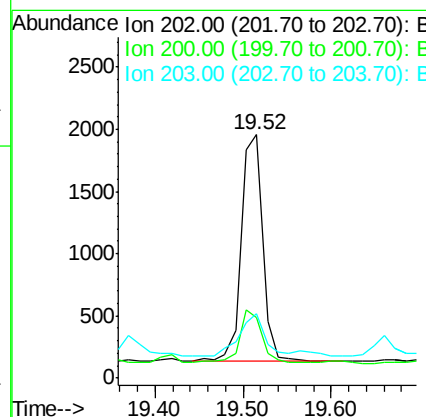
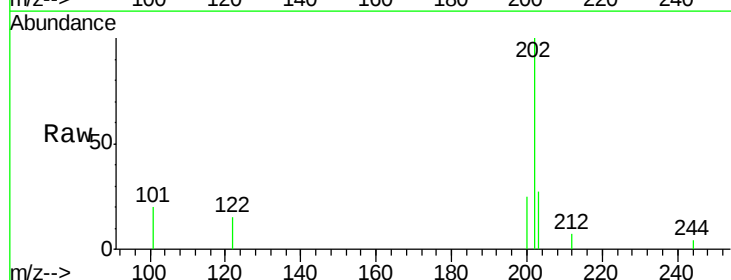
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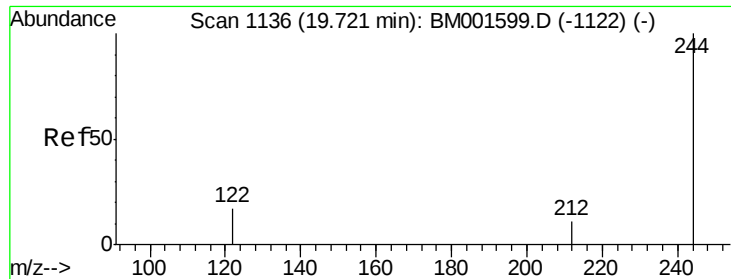
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#26
Pyrene
Concen: 0.11 ng
RT: 19.52 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BM001615.D
Acq: 09 Jun 2015 12:22

Tgt Ion	Ratio	Lower	Upper
202	100		
200	24.9	16.7	25.1
203	22.6	14.0	21.0#





#27

Terphenyl-d14

Concen: 7.74 ng

RT: 19.72 min Scan# 1136

Delta R.T. 0.00 min

Lab File: BM001615.D

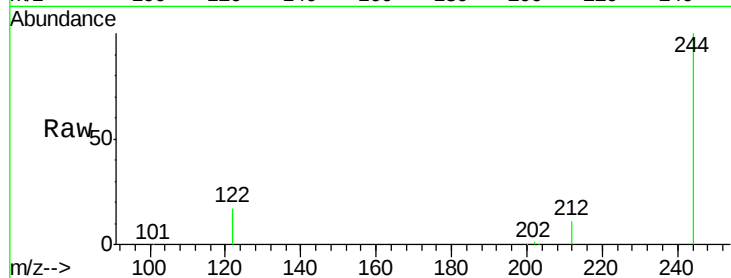
Acq: 09 Jun 2015 12:22

Instrument :

BNA_M

ClientSampleId :

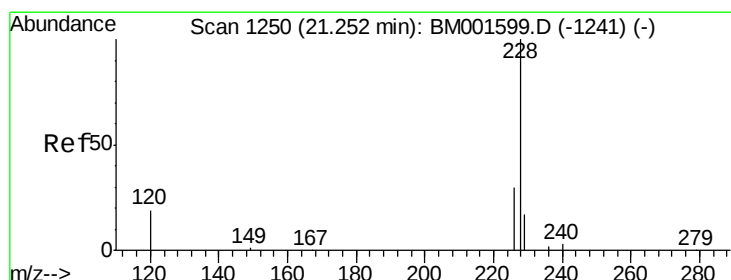
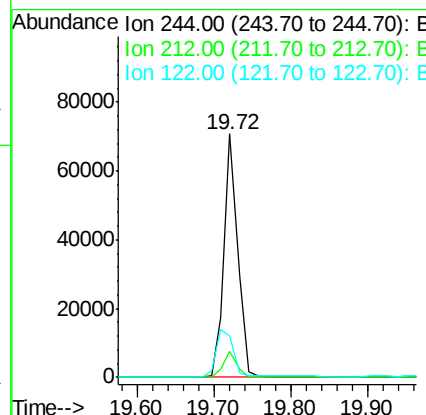
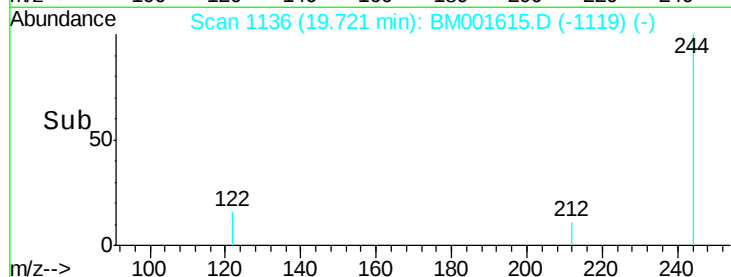
SS043MW100-150602



Tgt Ion:	244	Resp:	86759
Ion Ratio	Lower	Upper	
244	100		
212	10.7	9.2	13.8
122	16.8	14.5	21.7

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#28

Benzo(a)anthracene

Concen: 0.04 ng m

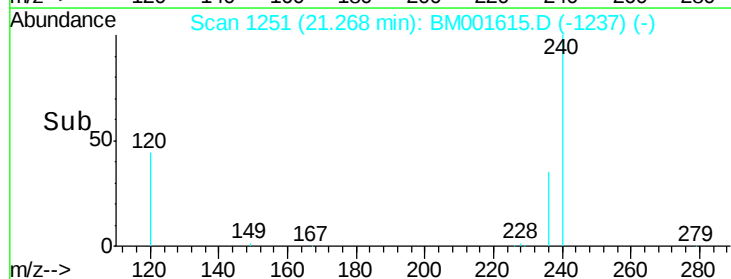
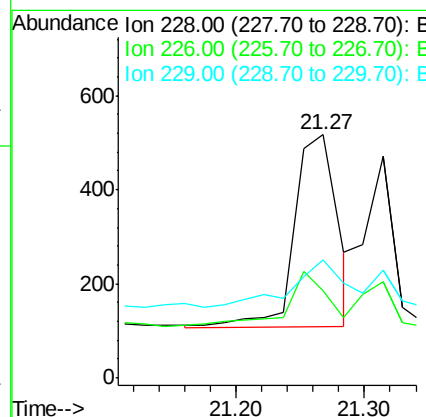
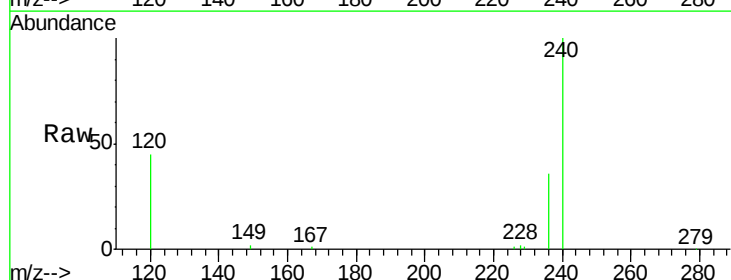
RT: 21.27 min Scan# 1251

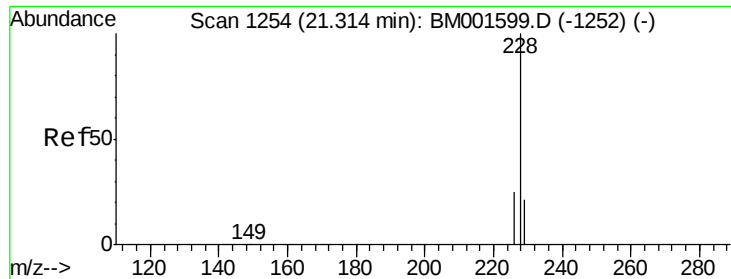
Delta R.T. 0.02 min

Lab File: BM001615.D

Acq: 09 Jun 2015 12:22

Tgt Ion:	228	Resp:	955
Ion Ratio	Lower	Upper	
228	100		
226	36.0	24.6	37.0
229	48.7	13.8	20.8#





#29

Chrysene

Concen: 0.02 ng m

RT: 21.31 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BM001615.D

Acq: 09 Jun 2015 12:22

Instrument :

BNA_M

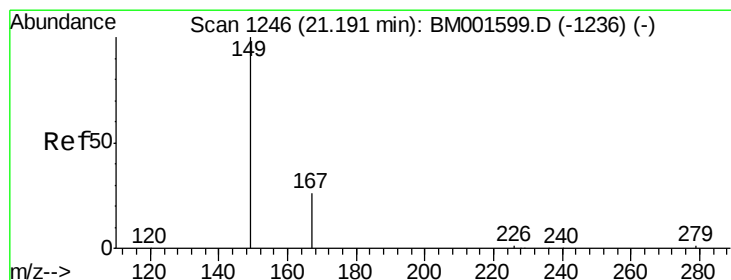
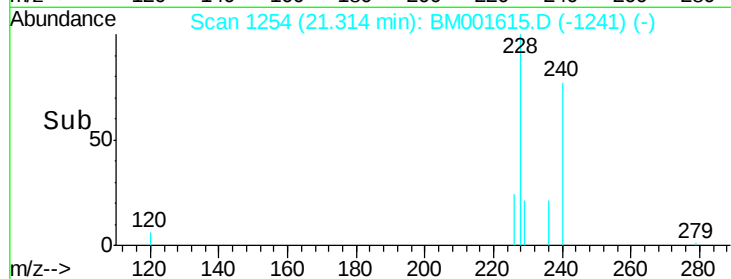
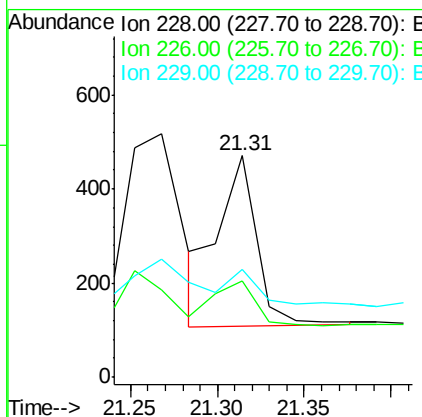
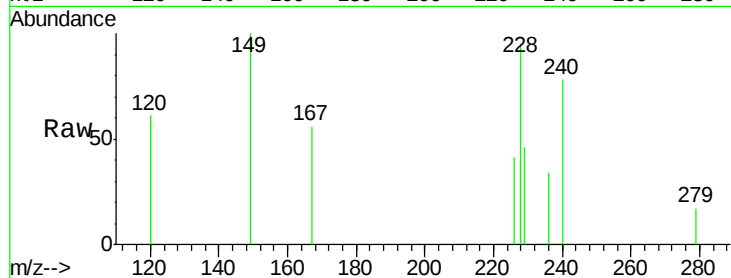
ClientSampleId :

SS043MW100-150602

Tgt Ion:	228	Resp:	562
Ion Ratio	Lower	Upper	
228	100		
226	43.4	20.6	31.0#
229	48.9	17.4	26.2#

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#30

Bis(2-ethylhexyl)phthalate

Concen: 3.72 ng

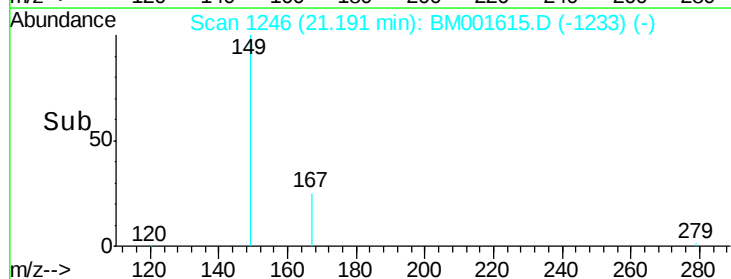
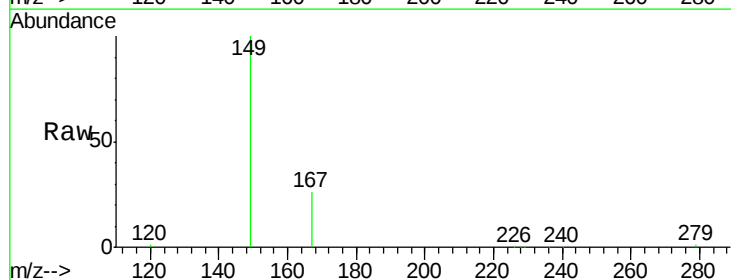
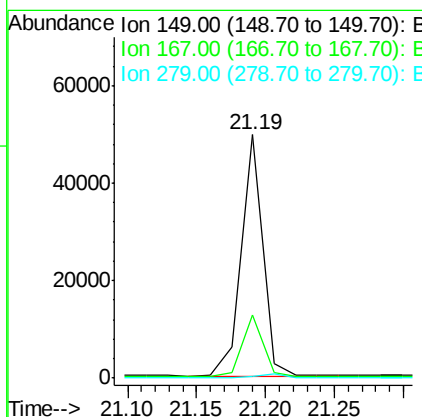
RT: 21.19 min Scan# 1246

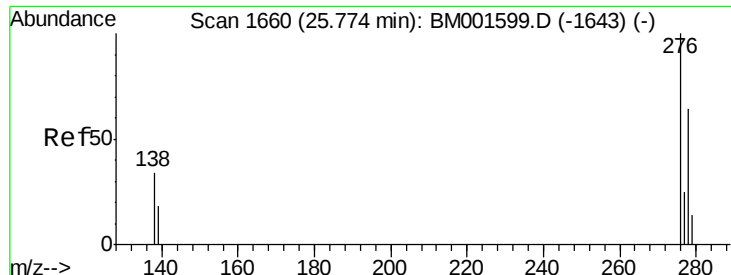
Delta R.T. 0.00 min

Lab File: BM001615.D

Acq: 09 Jun 2015 12:22

Tgt Ion:	149	Resp:	53874
Ion Ratio	Lower	Upper	
149	100		
167	25.3	20.2	30.4
279	1.9	1.7	2.5





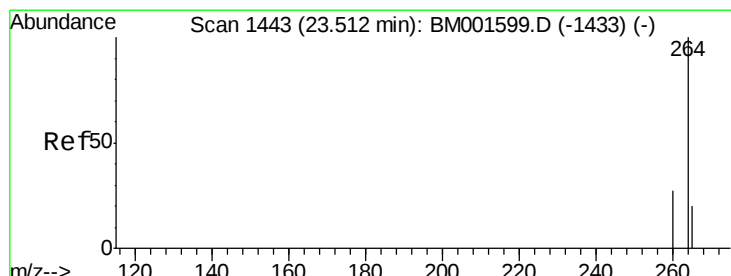
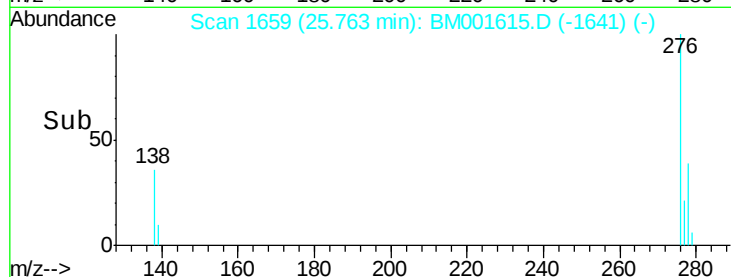
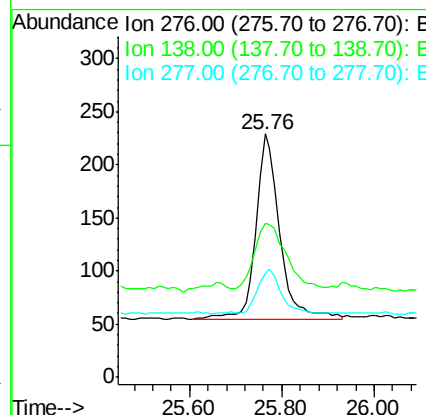
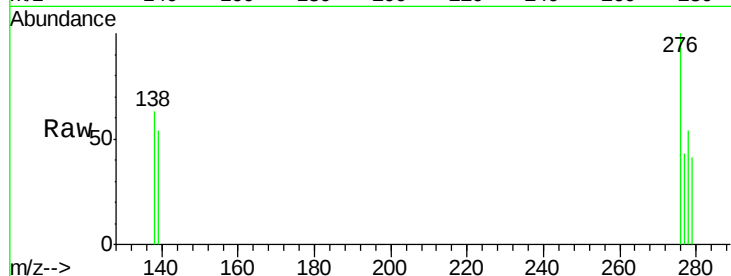
#31
 Indeno(1,2,3-cd)pyrene
 Concen: 0.03 ng
 RT: 25.76 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BM001615.D
 Acq: 09 Jun 2015 12:22

Instrument :
 BNA_M
 ClientSampleId :
 SS043MW100-150602

Tgt Ion	Ratio	Lower	Upper
276	100		
138	45.5	28.2	42.2#
277	26.6	19.4	29.2

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#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.52 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: BM001615.D
 Acq: 09 Jun 2015 12:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	21.8	32.6
265	22.6	16.8	25.2

