

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060615\
 Data File : BM001592.D
 Acq On : 06 Jun 2015 13:28
 Operator : TP/IZ
 Sample : G2491-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DUP-0278-150601

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Quant Time: Jun 08 06:33:31 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	24646	5.00	ng	0.00
6) Naphthalene-d8	10.47	136	86902	5.00	ng	0.00
12) Acenaphthene-d10	14.35	164	40529	5.00	ng	0.00
18) Phenanthrene-d10	17.09	188	56752	5.00	ng	0.00
25) Chrysene-d12	21.28	240	67408	5.00	ng	0.00
32) Perylene-d12	23.52	264	63798	5.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.28	112	13682	2.51	ng	0.02
5) Phenol-d6	6.86	99	10298	1.54	ng	0.02
7) Nitrobenzene-d5	8.85	82	32929	5.56	ng	0.00
13) 2,4,6-Tribromophenol	15.83	330	17567	9.07	ng	0.00
14) 2-Fluorobiphenyl	12.96	172	66067	5.29	ng	0.00
27) Terphenyl-d14	19.72	244	51331	5.90	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.21	88	31127	14.69	ng	97
9) Naphthalene	10.52	128	1214m	0.06	ng	
11) 2-Methylnaphthalene	12.15	142	2775	0.24	ng	98
16) Acenaphthene	14.41	154	1498	0.14	ng	93
17) Fluorene	15.36	166	962	0.14	ng	# 65
22) Phenanthrene	17.12	178	3041	0.15	ng	94
23) Anthracene	17.19	178	699m	0.08	ng	
24) Fluoranthene	19.15	202	1257	0.08	ng	# 85
30) Bis(2-ethylhexyl)phthalate	21.19	149	13899	1.18	ng	99

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

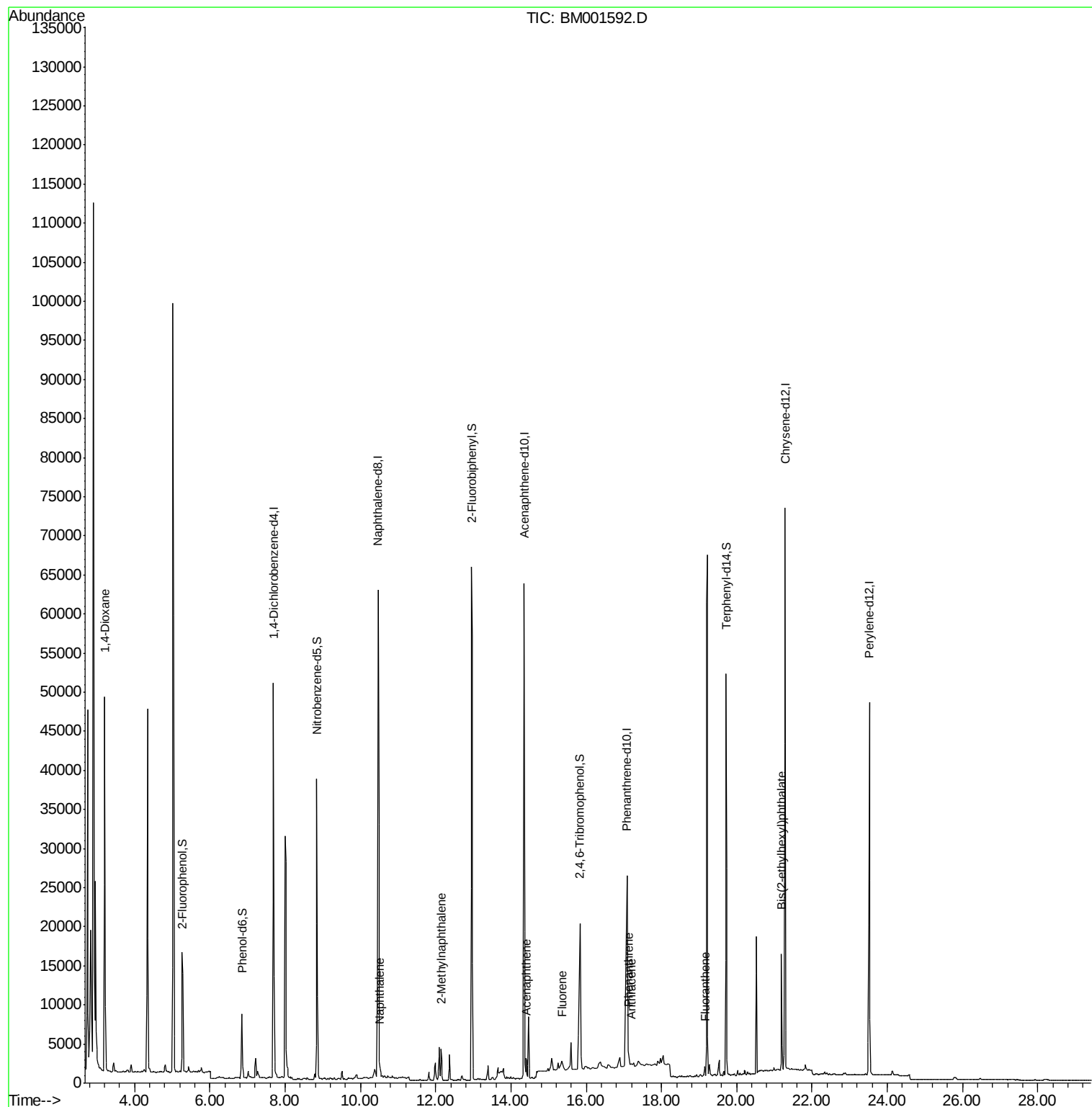
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060615\
Data File : BM001592.D
Acq On : 06 Jun 2015 13:28
Operator : TP/IZ
Sample : G2491-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

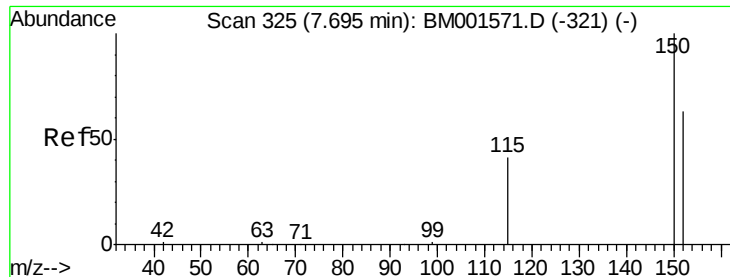
Instrument :
BNA_M
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DUP-0278-150601

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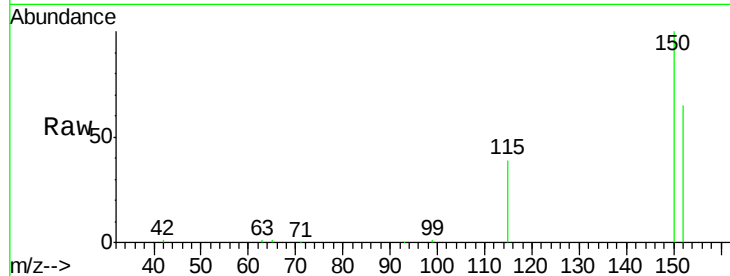




#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.69 min Scan# 325
Delta R.T. -0.00 min
Lab File: BM001592.D
Acq: 06 Jun 2015 13:28

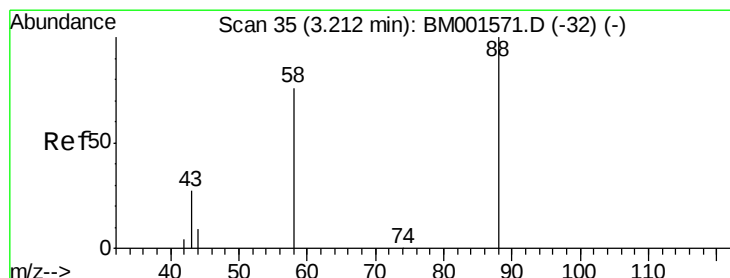
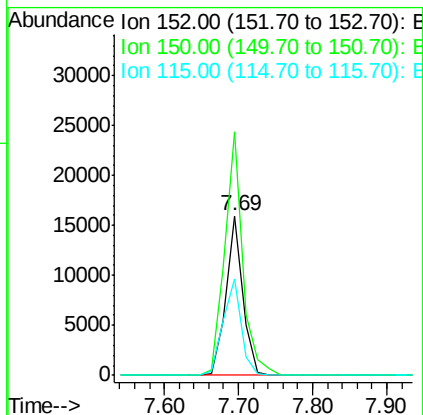
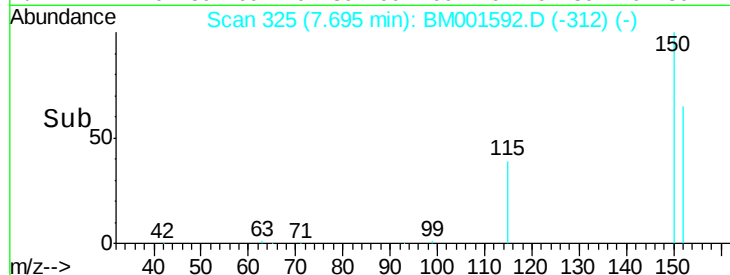
Instrument :
BNA_M
ClientSampleId :
DUP-0278-150601



Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.7	126.6	190.0
115	60.3	51.6	77.4

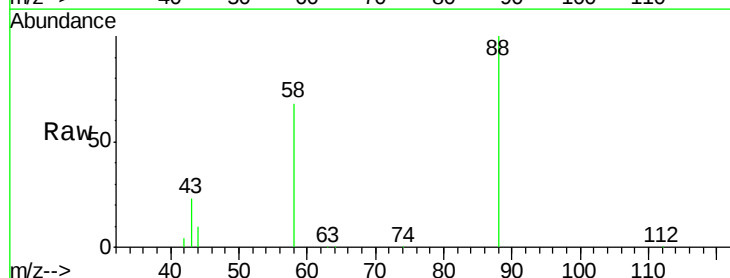
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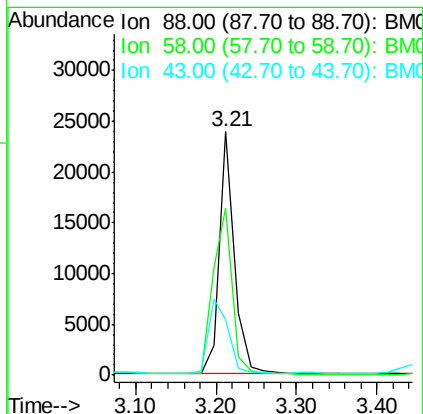
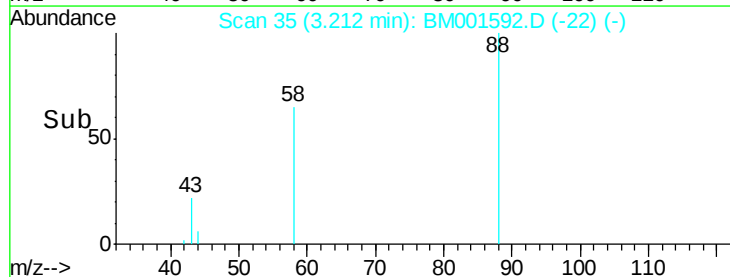


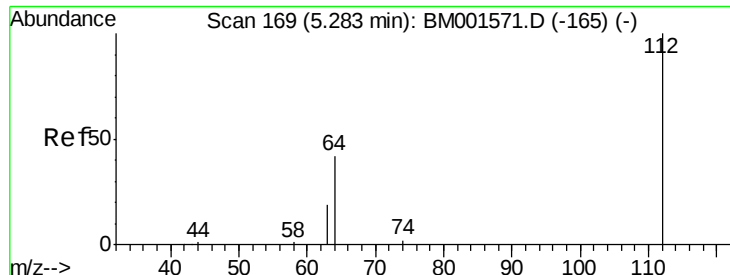
#2

1,4-Dioxane
Concen: 14.69 ng
RT: 3.21 min Scan# 35
Delta R.T. -0.00 min
Lab File: BM001592.D
Acq: 06 Jun 2015 13:28



Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.8	66.1	99.1
43	39.8	32.3	48.5





#4

2-Fluorophenol

Concen: 2.51 ng

RT: 5.28 min Scan# 169

Delta R.T. 0.02 min

Lab File: BM001592.D

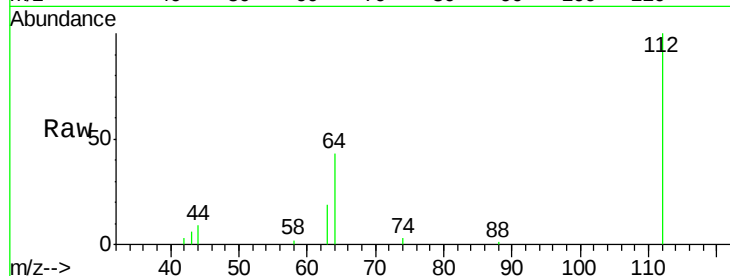
Acq: 06 Jun 2015 13:28

Instrument :

BNA_M

ClientSampleId :

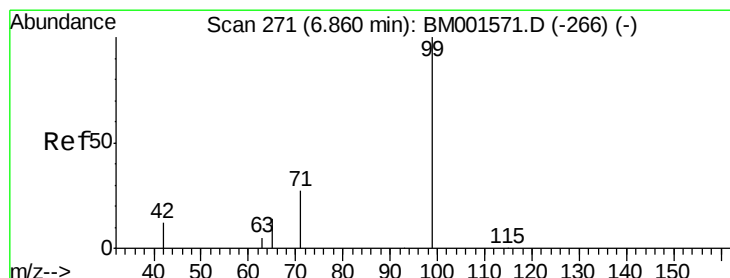
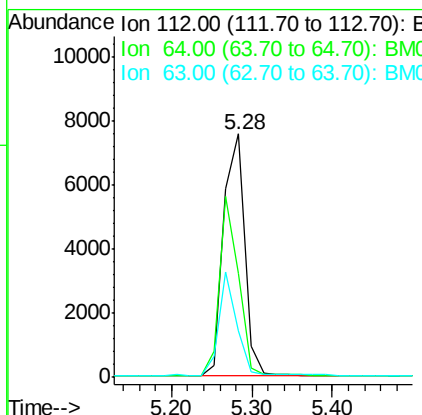
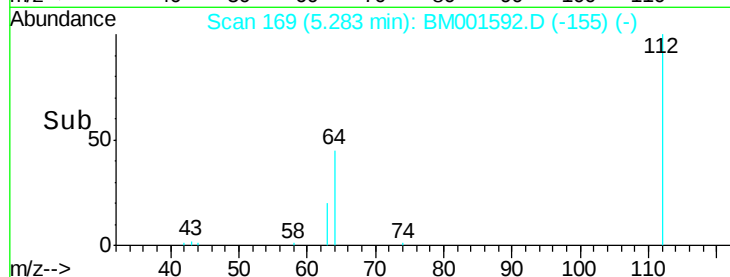
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Tgt Ion:	112	Resp:	13682
Ion Ratio	Lower	Upper	
112	100		
64	67.2	53.3	79.9
63	37.1	29.7	44.5

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#5

Phenol-d6

Concen: 1.54 ng

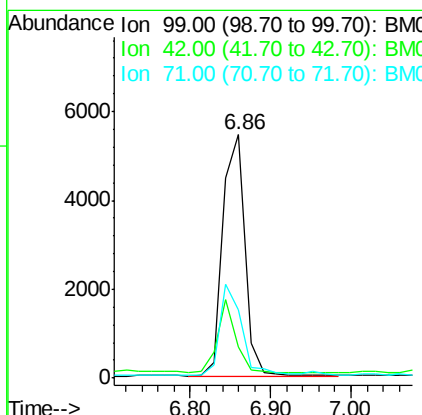
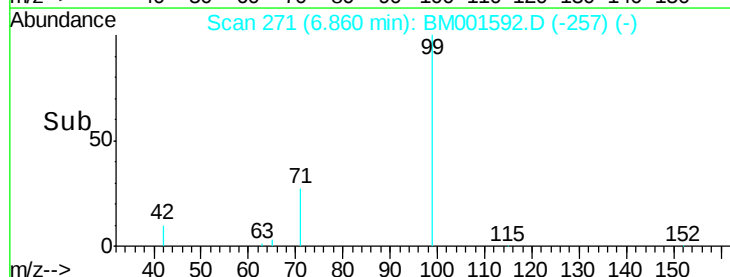
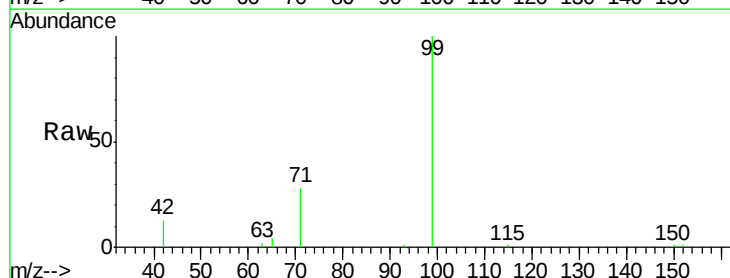
RT: 6.86 min Scan# 271

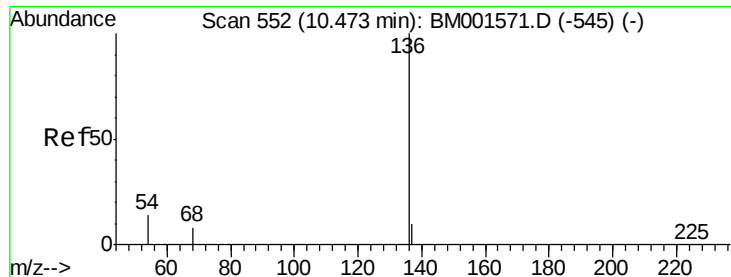
Delta R.T. 0.02 min

Lab File: BM001592.D

Acq: 06 Jun 2015 13:28

Tgt Ion:	99	Resp:	10298
Ion Ratio	Lower	Upper	
99	100		
42	25.4	21.4	32.2
71	37.3	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: BM001592.D

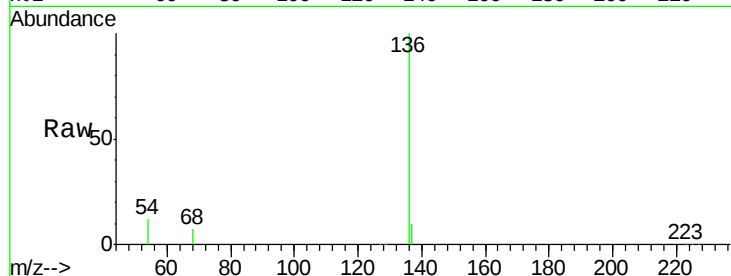
Acq: 06 Jun 2015 13:28

Instrument :

BNA_M

ClientSampleId :

DUP-0278-150601



Tgt Ion: 136 Resp: 86902

Ion Ratio Lower Upper

136 100

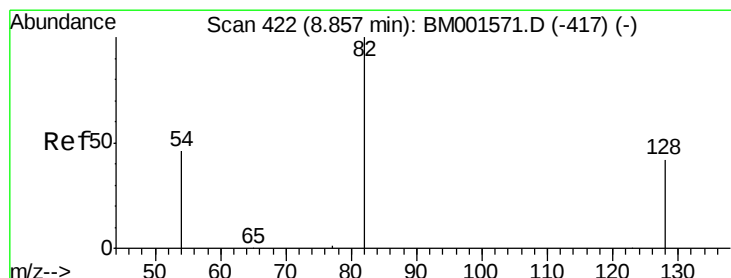
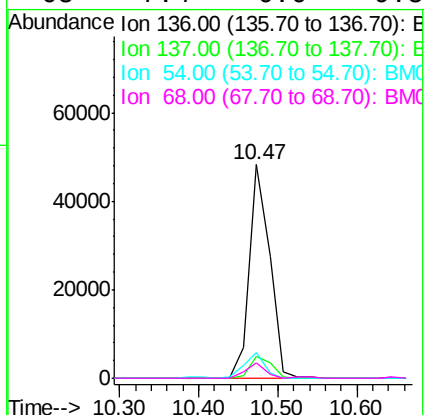
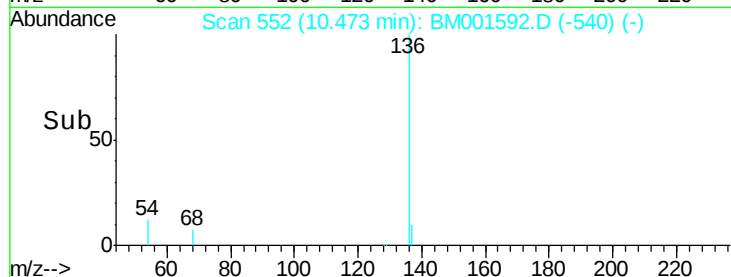
137 10.3 8.1 12.1

54 12.1 11.7 17.5

68 7.4 6.6 9.8

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#7

Nitrobenzene-d5

Concen: 5.56 ng

RT: 8.85 min Scan# 421

Delta R.T. -0.00 min

Lab File: BM001592.D

Acq: 06 Jun 2015 13:28

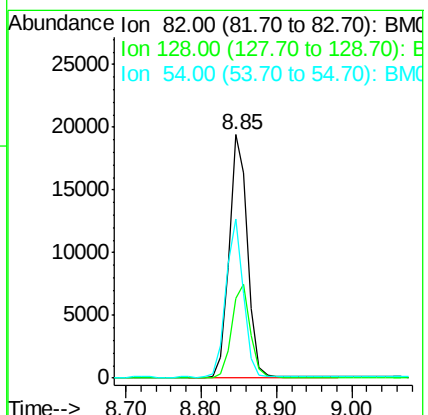
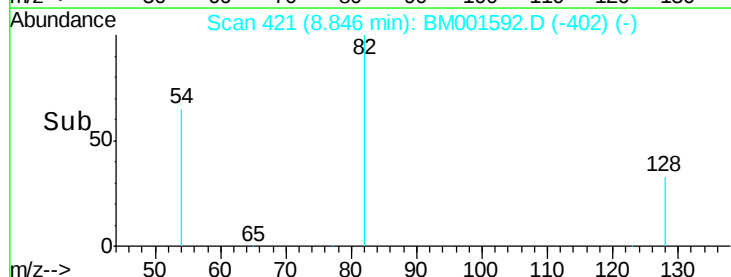
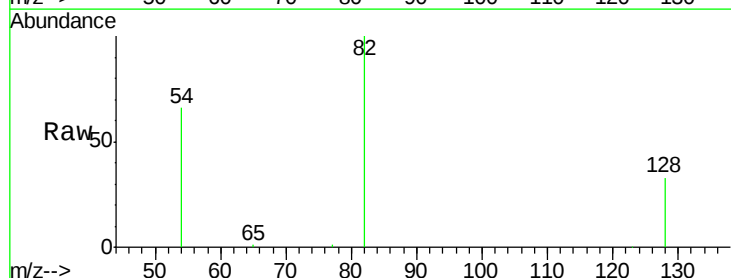
Tgt Ion: 82 Resp: 32929

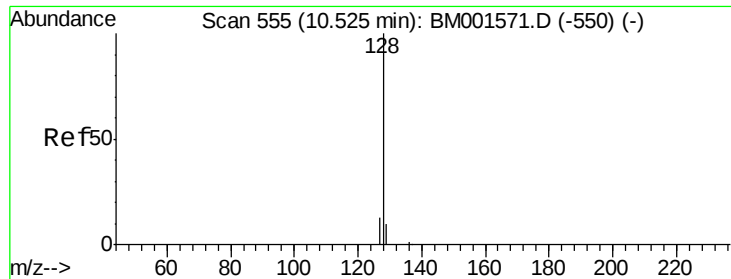
Ion Ratio Lower Upper

82 100

128 32.9 34.1 51.1#

54 65.6 37.8 56.6#





#9

Naphthalene

Concen: 0.06 ng m

RT: 10.52 min Scan# 555

Delta R.T. -0.00 min

Lab File: BM001592.D

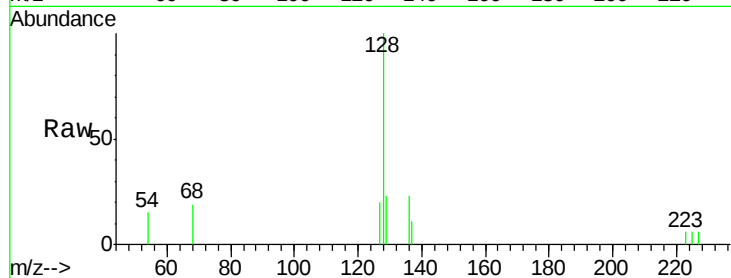
Acq: 06 Jun 2015 13:28

Instrument :

BNA_M

ClientSampleId :

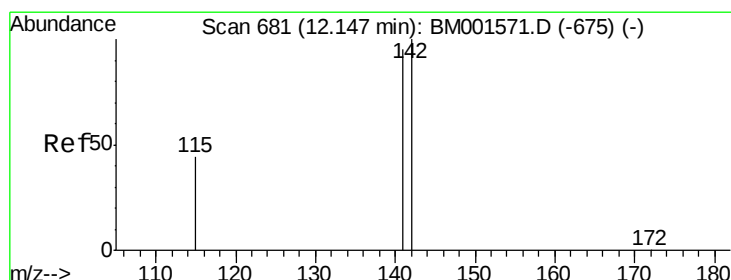
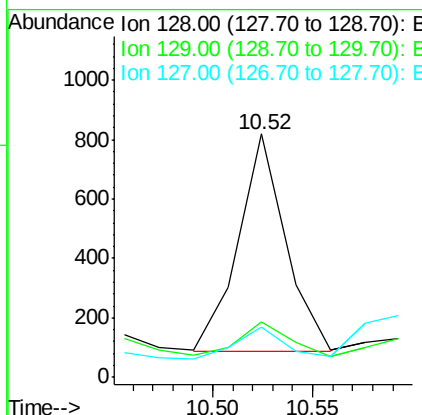
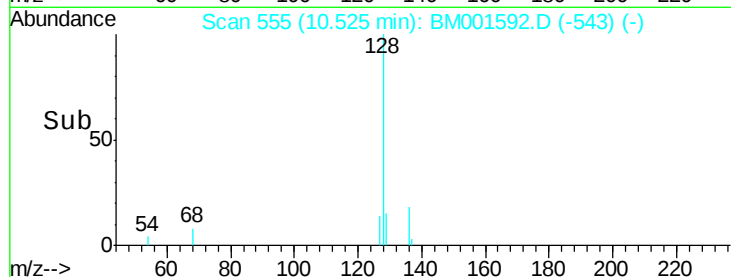
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Tgt Ion:	128	Resp:	1214
Ion	Ratio	Lower	Upper
128	100		
129	22.8	8.7	13.1#
127	20.4	10.7	16.1#

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#11

2-Methylnaphthalene

Concen: 0.24 ng

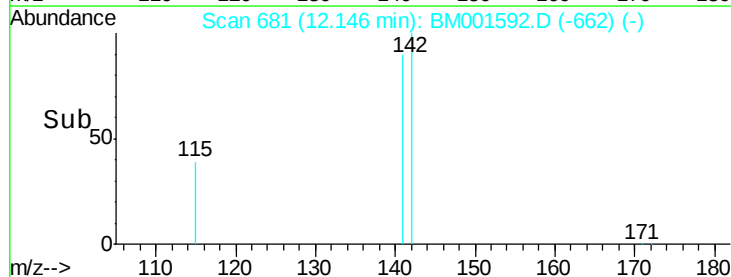
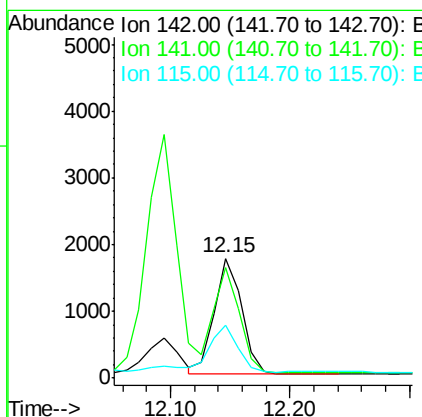
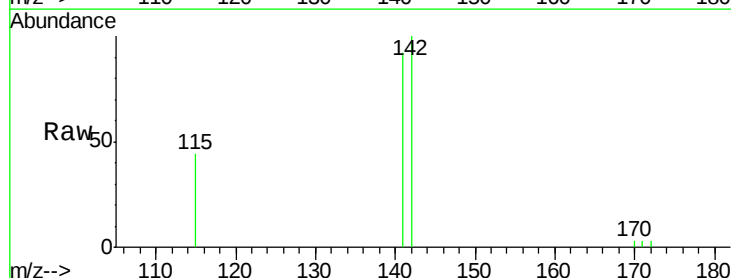
RT: 12.15 min Scan# 681

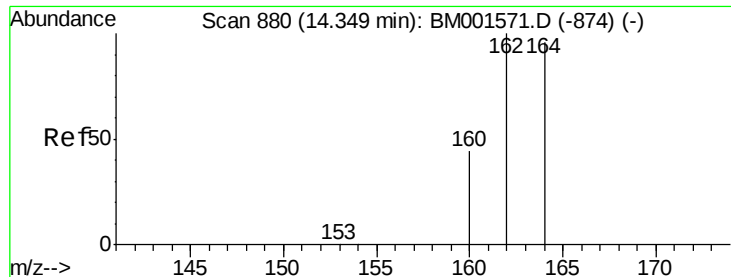
Delta R.T. -0.00 min

Lab File: BM001592.D

Acq: 06 Jun 2015 13:28

Tgt Ion:	142	Resp:	2775
Ion	Ratio	Lower	Upper
142	100		
141	92.4	75.6	113.4
115	43.8	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: BM001592.D

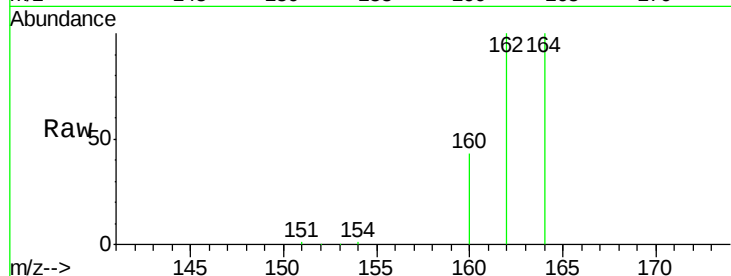
Acq: 06 Jun 2015 13:28

Instrument :

BNA_M

ClientSampleId :

DUP-0278-150601



Tgt Ion:164 Resp: 40529

Ion Ratio Lower Upper

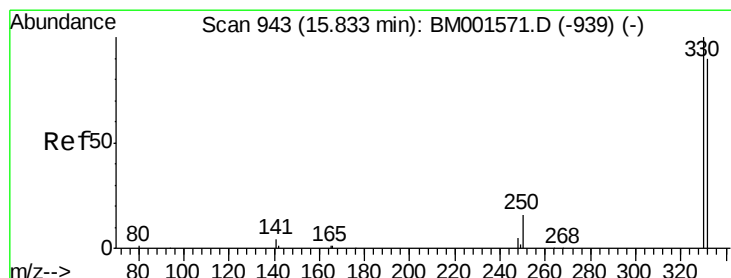
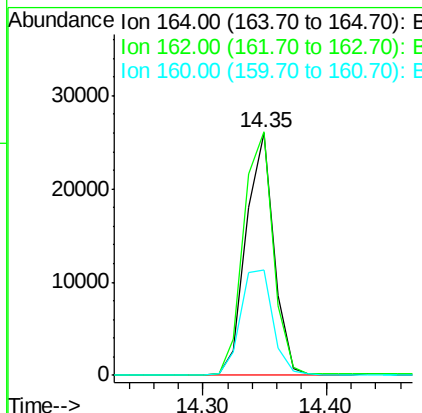
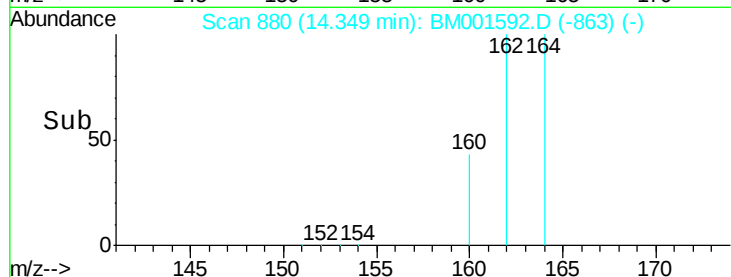
164 100

162 100.2 83.8 125.6

160 43.1 37.1 55.7

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#13

2,4,6-Tribromophenol

Concen: 9.07 ng

RT: 15.83 min Scan# 943

Delta R.T. -0.00 min

Lab File: BM001592.D

Acq: 06 Jun 2015 13:28

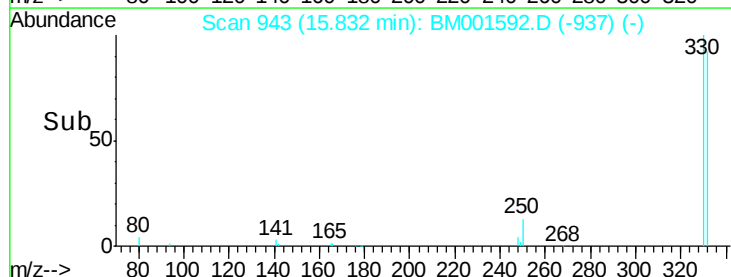
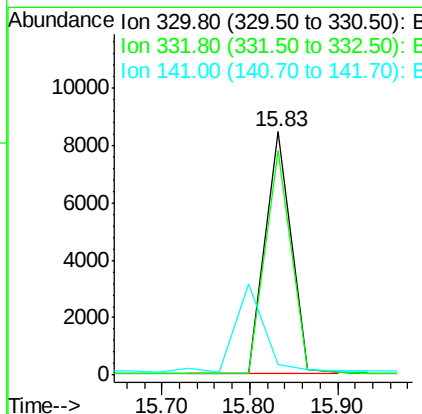
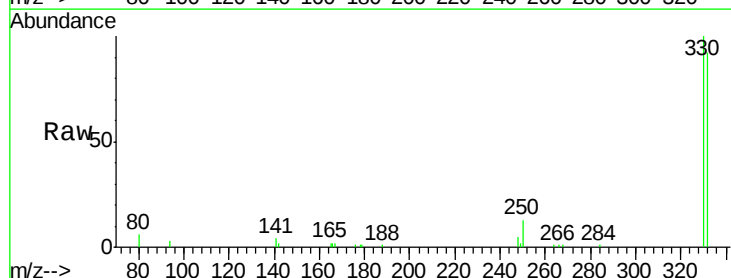
Tgt Ion:330 Resp: 17567

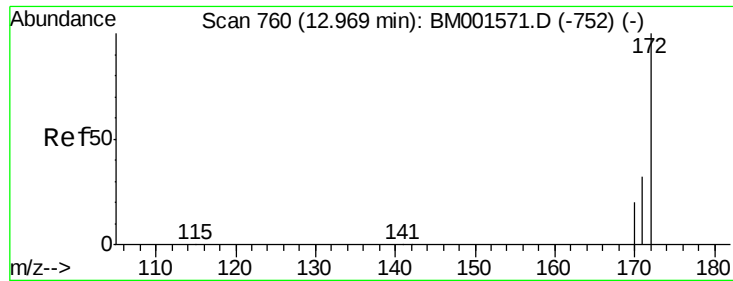
Ion Ratio Lower Upper

330 100

332 92.6 72.0 108.0

141 0.0 0.0 0.0





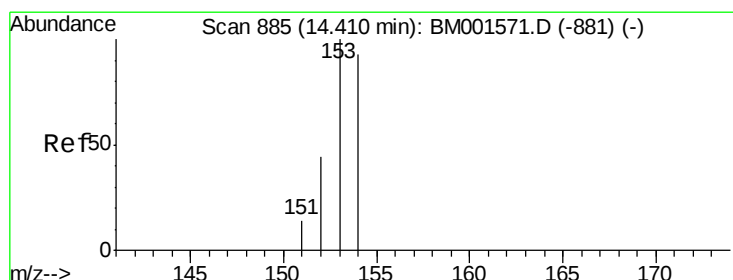
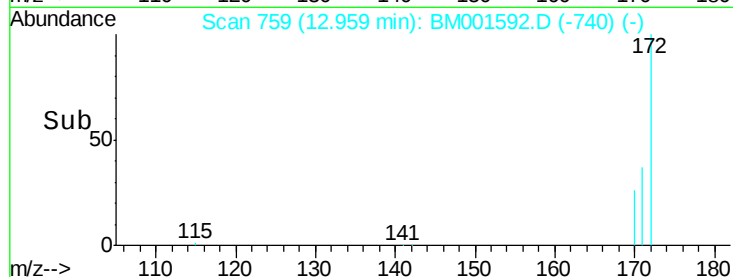
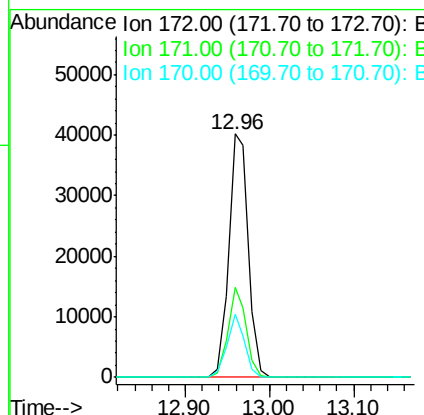
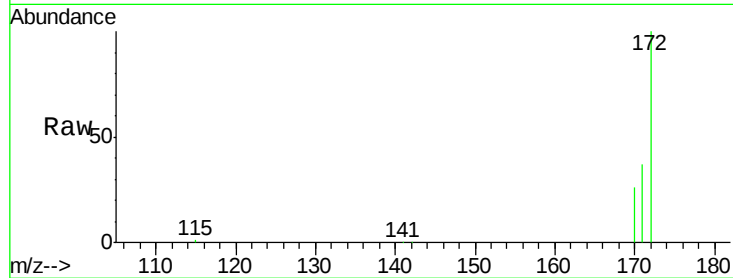
#14
2-Fluorobiphenyl
Concen: 5.29 ng
RT: 12.96 min Scan# 759
Delta R.T. -0.00 min
Lab File: BM001592.D
Acq: 06 Jun 2015 13:28

Instrument :
BNA_M
ClientSampleId :
DUP-0278-150601

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	26.2	39.2
170	25.9	16.1	24.1

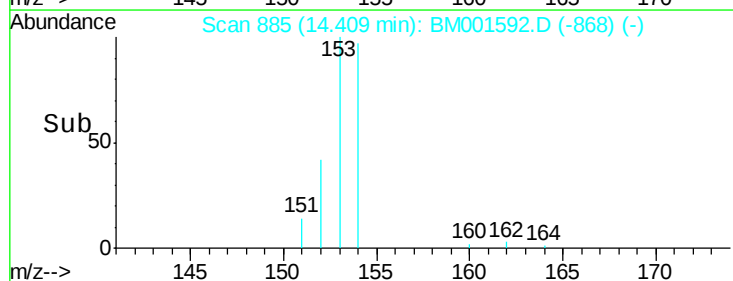
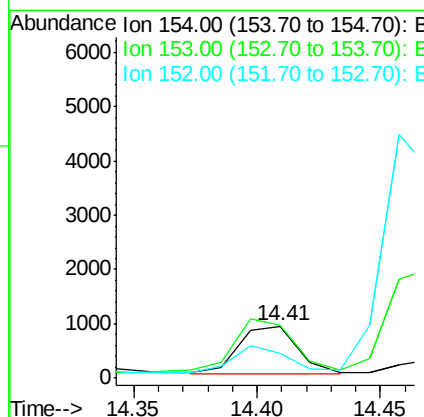
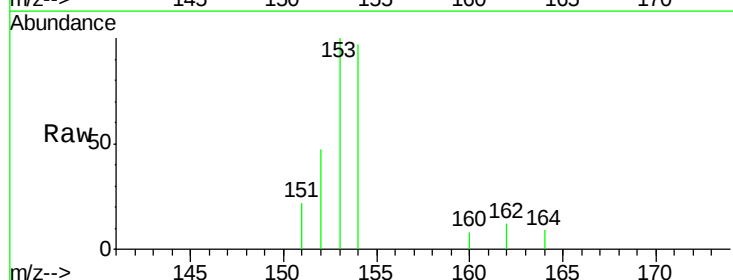
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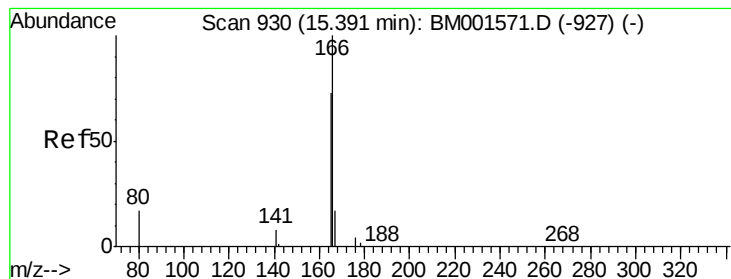
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#16
Acenaphthene
Concen: 0.14 ng
RT: 14.41 min Scan# 885
Delta R.T. -0.00 min
Lab File: BM001592.D
Acq: 06 Jun 2015 13:28

Tgt Ion	Ratio	Lower	Upper
154	100		
153	120.6	89.1	133.7
152	57.7	43.2	64.8





#17

Fluorene

Concen: 0.14 ng

RT: 15.36 min Scan# 929

Delta R.T. -0.00 min

Lab File: BM001592.D

Acq: 06 Jun 2015 13:28

Instrument :

BNA_M

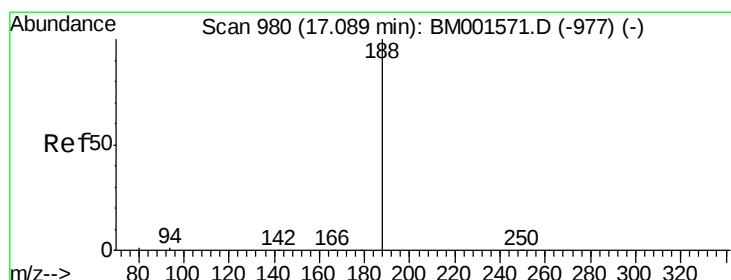
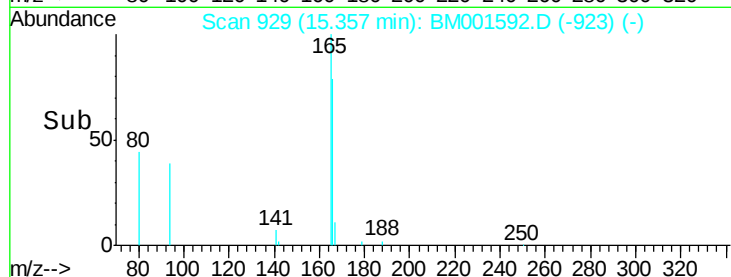
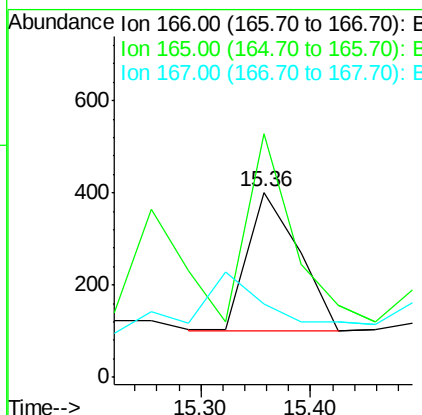
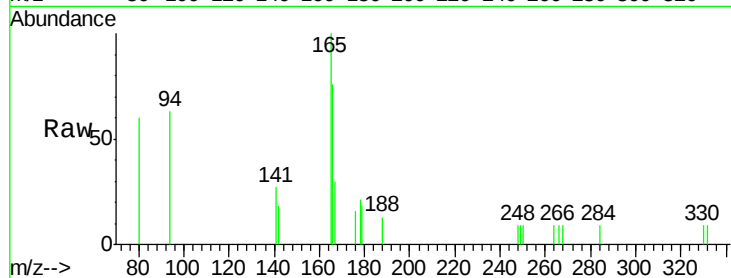
ClientSampleId :

DUP-0278-150601

Tgt Ion:	166	Resp:	962
Ion Ratio	Lower	Upper	
166	100		
165	120.6	0.0	0.0#
167	0.0	11.3	16.9#

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#18

Phenanthrene-d10

Concen: 5.00 ng

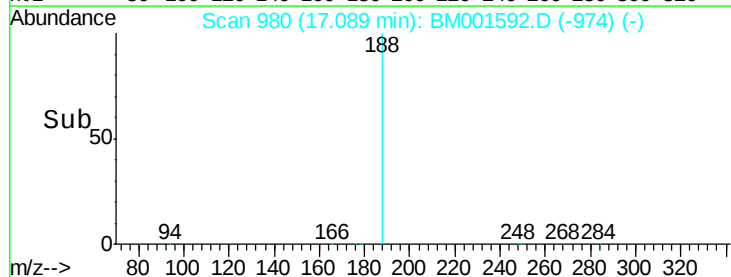
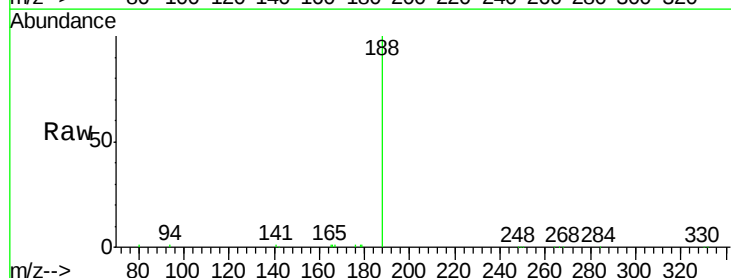
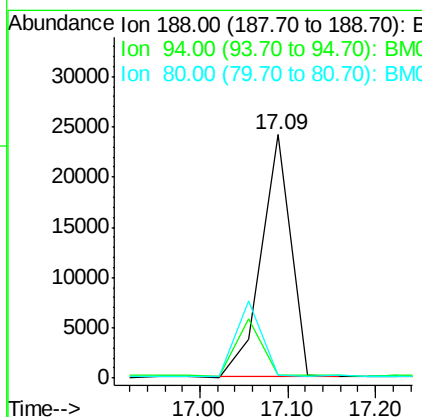
RT: 17.09 min Scan# 980

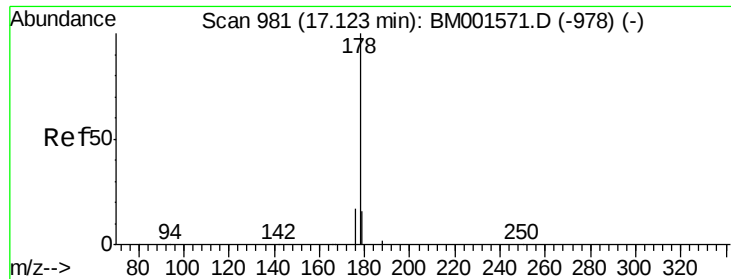
Delta R.T. -0.00 min

Lab File: BM001592.D

Acq: 06 Jun 2015 13:28

Tgt Ion:	188	Resp:	56752
Ion Ratio	Lower	Upper	
188	100		
94	1.4	0.7	1.1#
80	1.2	0.6	1.0#





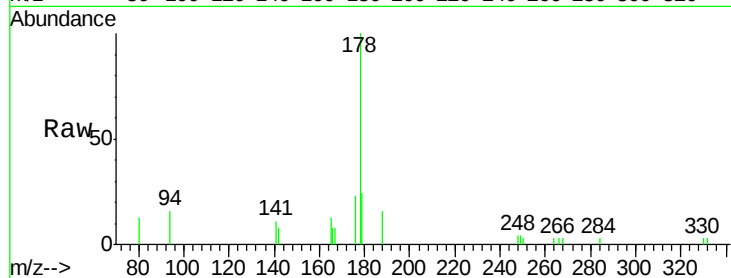
#22
Phenanthrene
Concen: 0.15 ng
RT: 17.12 min Scan# 981
Delta R.T. -0.00 min
Lab File: BM001592.D
Acq: 06 Jun 2015 13:28

Instrument :
BNA_M
ClientSampleId :
DUP-0278-150601

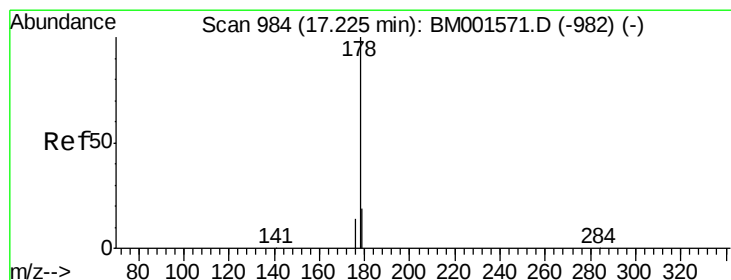
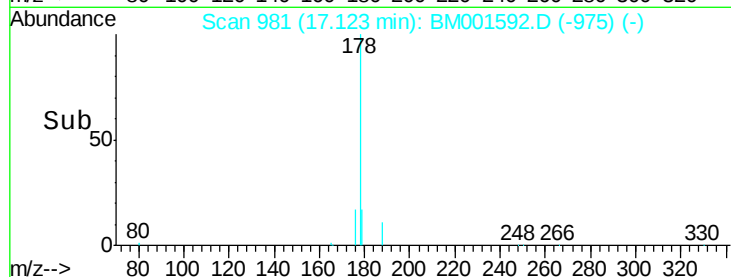
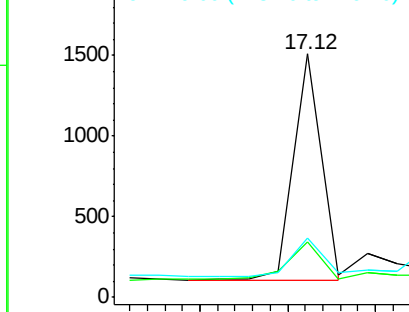
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	13.5	20.3
179	19.7	13.3	19.9

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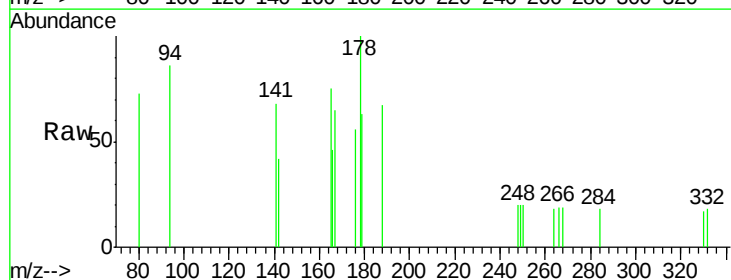


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

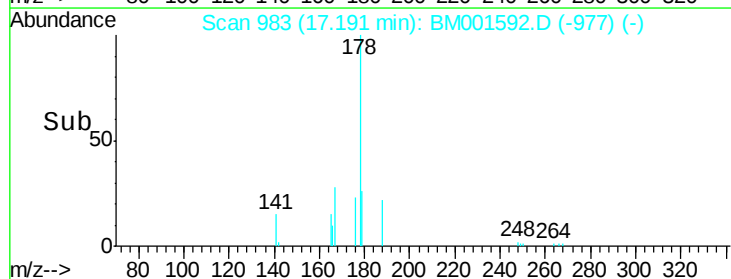
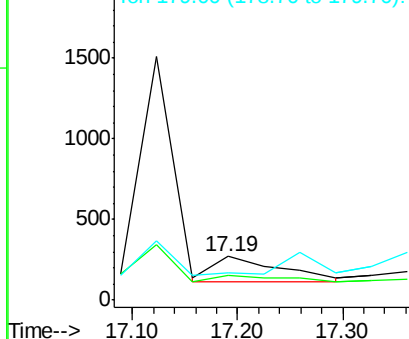


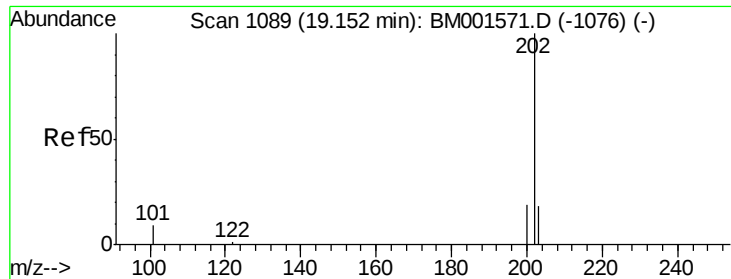
#23
Anthracene
Concen: 0.08 ng m
RT: 17.19 min Scan# 983
Delta R.T. -0.00 min
Lab File: BM001592.D
Acq: 06 Jun 2015 13:28

Tgt Ion	Ratio	Lower	Upper
178	100		
176	92.1	45.9	68.9#
179	98.6	33.3	49.9#



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





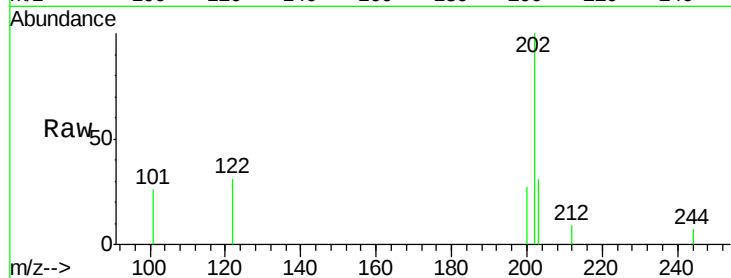
#24
Fluoranthene
Concen: 0.08 ng
RT: 19.15 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BM001592.D
Acq: 06 Jun 2015 13:28

Instrument :
BNA_M
ClientSampleId :
DUP-0278-150601

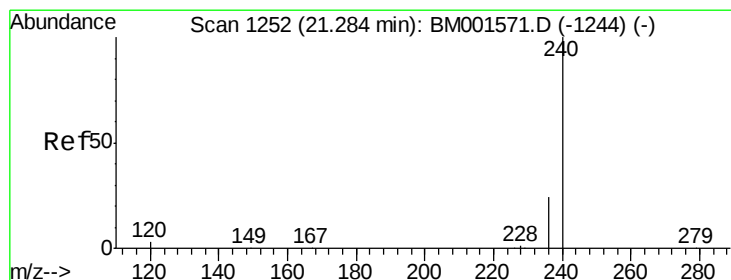
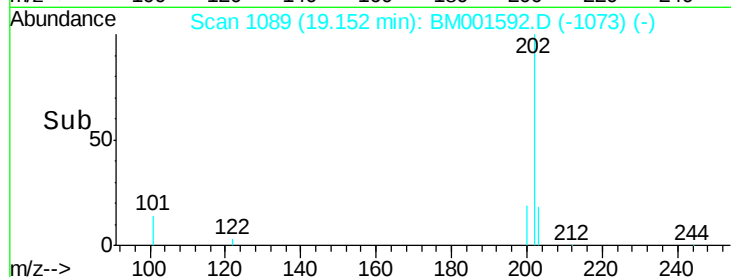
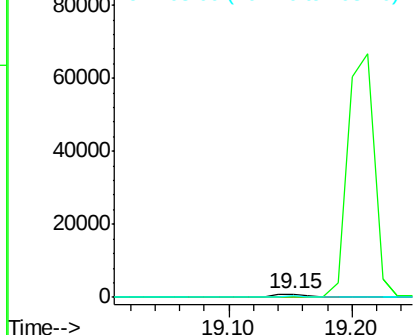
Tgt Ion	Ratio	Lower	Upper
202	100		
101	0.0	10.0	15.0#
203	18.4	13.9	20.9

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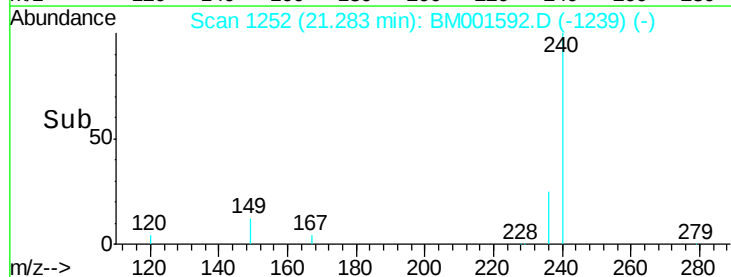
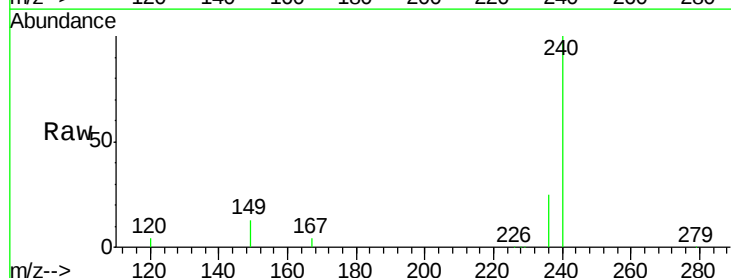
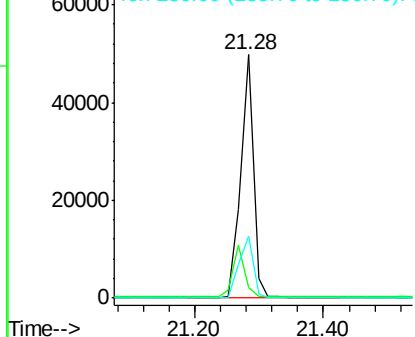
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

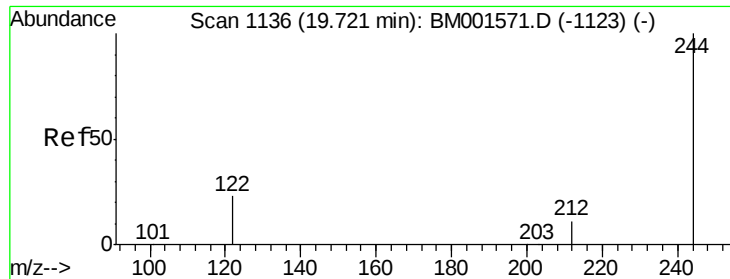


#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.28 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BM001592.D
Acq: 06 Jun 2015 13:28

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.3	2.2	3.2#
236	25.4	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





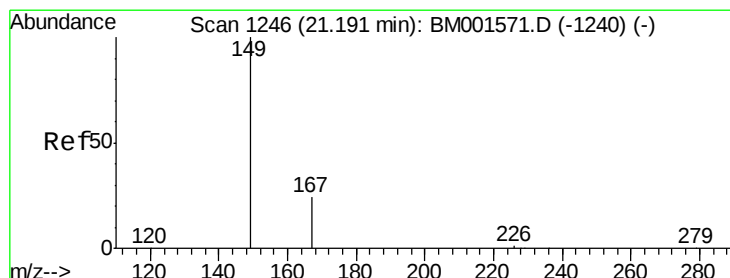
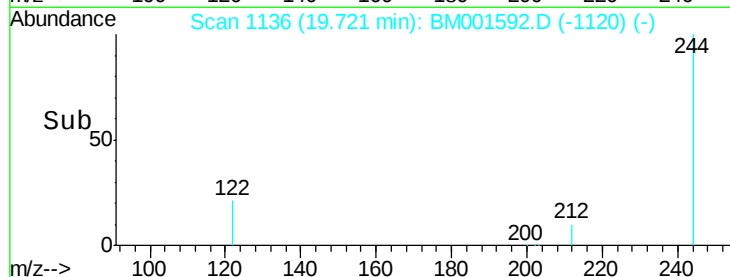
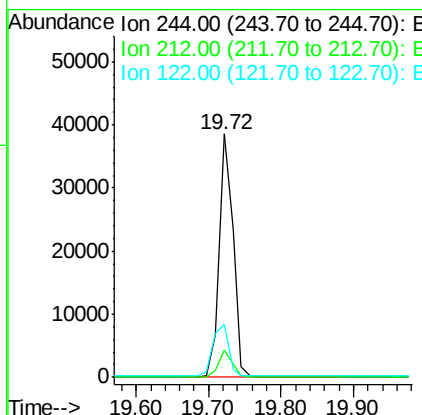
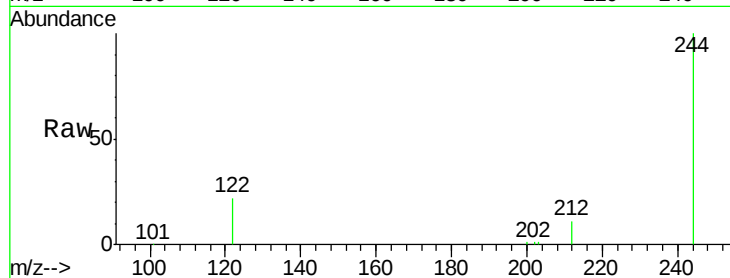
#27
 Terphenyl-d14
 Concen: 5.90 ng
 RT: 19.72 min Scan# 1136
 Delta R.T. -0.00 min
 Lab File: BM001592.D
 Acq: 06 Jun 2015 13:28

Instrument :
 BNA_M
 ClientSampleId :
 DUP-0278-150601

Tgt Ion	Ratio	Lower	Upper
244	100		
212	11.3	9.6	14.4
122	21.7	19.0	28.4

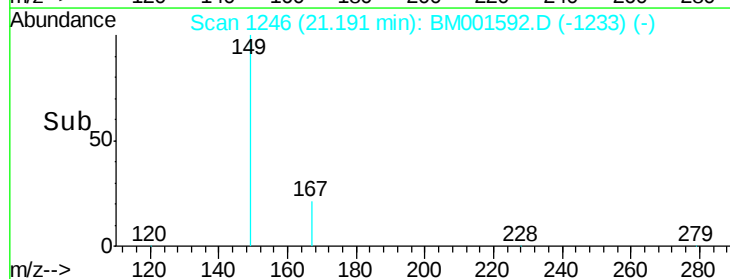
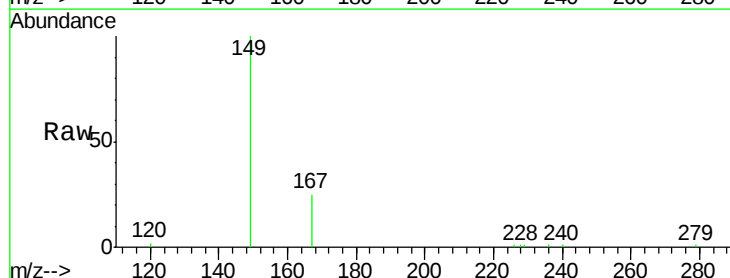
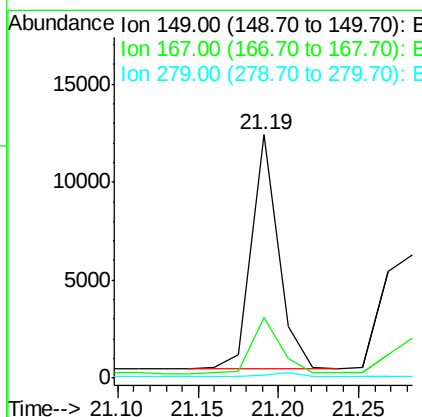
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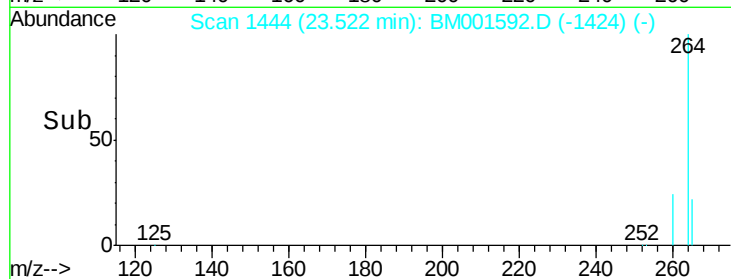
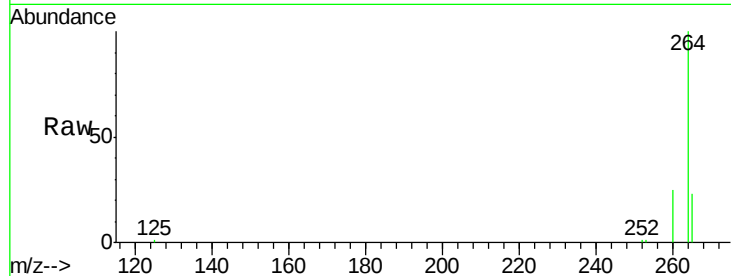
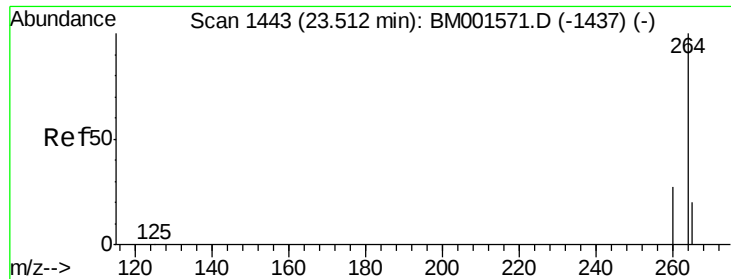
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#30
 Bis(2-ethylhexyl)phthalate
 Concen: 1.18 ng
 RT: 21.19 min Scan# 1246
 Delta R.T. -0.00 min
 Lab File: BM001592.D
 Acq: 06 Jun 2015 13:28

Tgt Ion	Ratio	Lower	Upper
149	100		
167	24.9	20.2	30.2
279	2.1	1.8	2.6





#32
Perylene-d12
Concen: 5.00 ng
RT: 23.52 min Scan# 1444
Delta R.T. 0.01 min
Lab File: BM001592.D
Acq: 06 Jun 2015 13:28

Instrument :
BNA_M
ClientSampleId :
DUP-0278-150601

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	21.6	32.4
265	22.7	16.5	24.7

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