

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053115\
 Data File : BM001504.D
 Acq On : 31 May 2015 09:55
 Operator : TP/IZ
 Sample : G2438-03MSD
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OM-SP-002-150528MSD

Manual Integrations
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Quant Time: Jun 01 05:55:49 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM053115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun May 31 07:43:08 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	13284	5.00	ng	0.00
6) Naphthalene-d8	10.15	136	51021	5.00	ng	0.00
9) Acenaphthene-d10	14.07	164	27602	5.00	ng	0.00
15) Phenanthrene-d10	16.81	188	56533	5.00	ng	0.00
17) Chrysene-d12	21.01	240	43484	5.00	ng	-0.01
21) Perylene-d12	23.11	264	37970	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 2-Fluorophenol	4.97	112	33502	12.82	ng	0.00
3) Phenol-d6	6.57	99	50273	14.74	ng	0.00
7) Nitrobenzene-d5	8.53	82	25496	9.25	ng	0.00
10) 2,4,6-Tribromophenol	15.57	330	16112	16.47	ng	0.00
11) 2-Fluorobiphenyl	12.67	172	72472	9.06	ng	0.00
18) Terphenyl-d14	19.47	244	53569	9.21	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) bis(2-Chloroethyl)ether	6.80	93	24958	9.49	ng	99
5) n-Nitroso-di-n-propylamine	8.18	70	20737	9.65	ng	# 92
8) bis(2-Chloroethoxy)methane	9.58	93	33010	10.03	ng	97
12) 2,6-Dinitrotoluene	13.65	165	16541	9.69	ng	# 86
13) 2,4-Dinitrotoluene	14.45	165	22759	10.38	ng	# 65
14) 4-Chlorophenyl-phenylether	15.11	204	38261	9.55	ng	95
16) 4-Bromophenyl-phenylether	16.02	248	22401	9.51	ng	# 93
19) Benzo(a)anthracene	21.00	228	109807	9.26	ng	# 89
20) 3,3'-Dichlorobenzidine	20.95	252	44672m	11.54	ng	

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

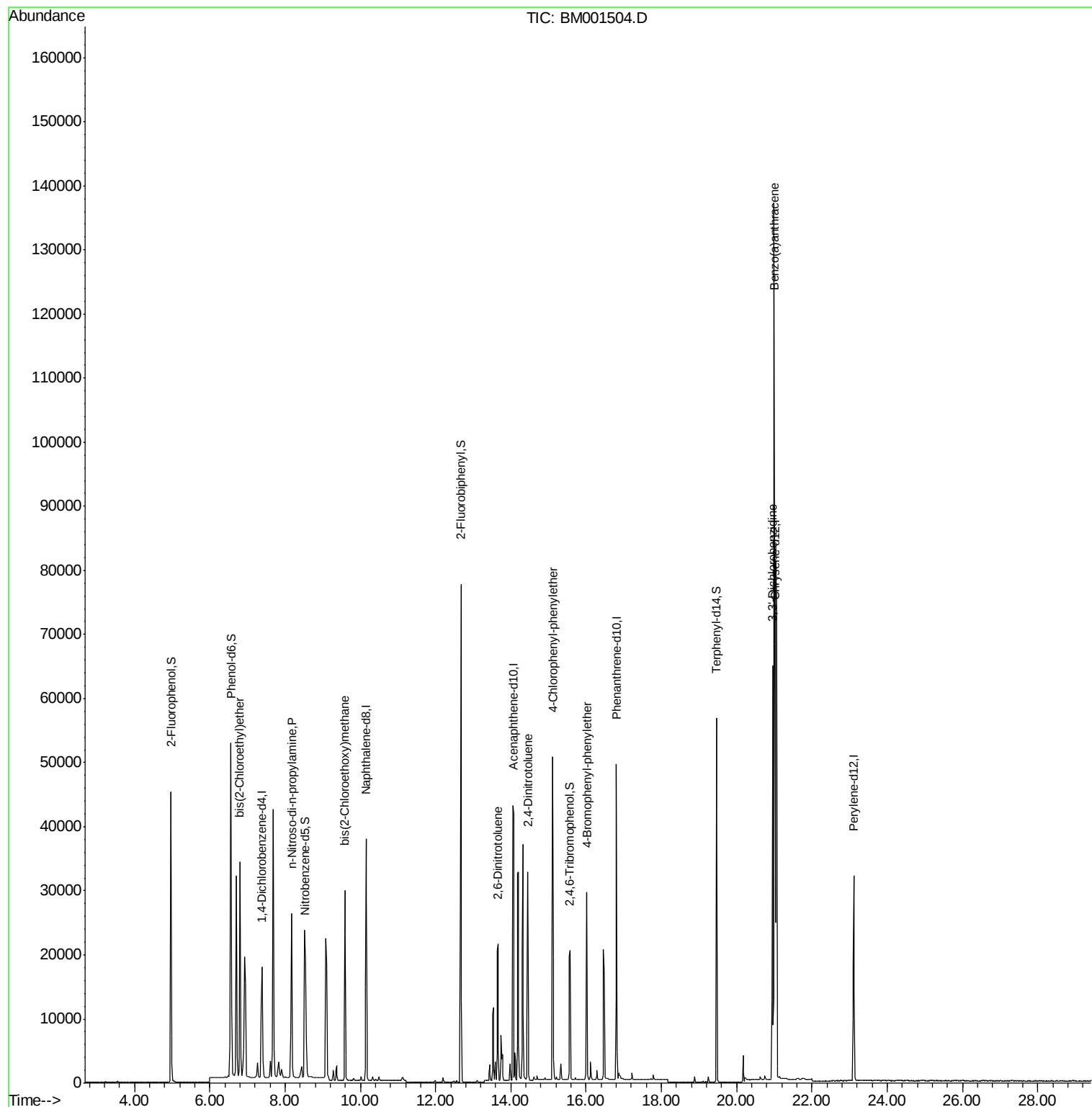
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053115\
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Misc :
ALS Vial : 33 Sample Multiplier: 1

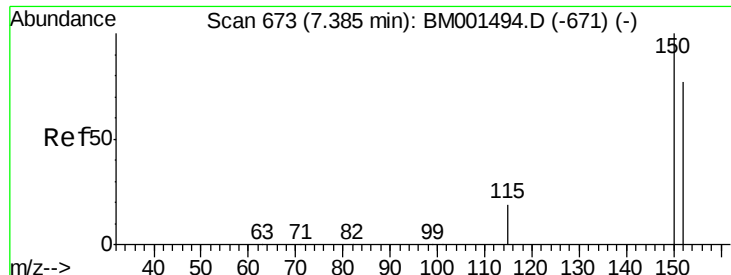
Instrument :
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OM-SP-002-150528MSD

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM053115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.38 min Scan# 673

Delta R.T. -0.00 min

Lab File: BM001504.D

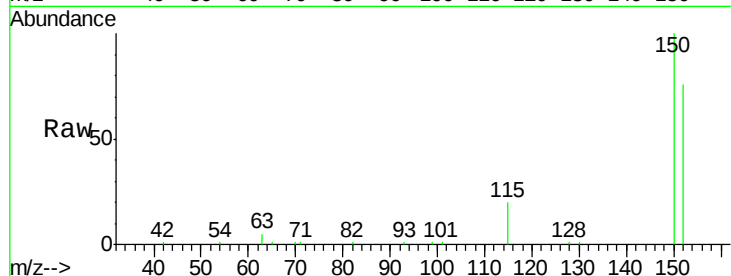
Acq: 31 May 2015 09:55

Instrument :

BNA_M

ClientSampleId :

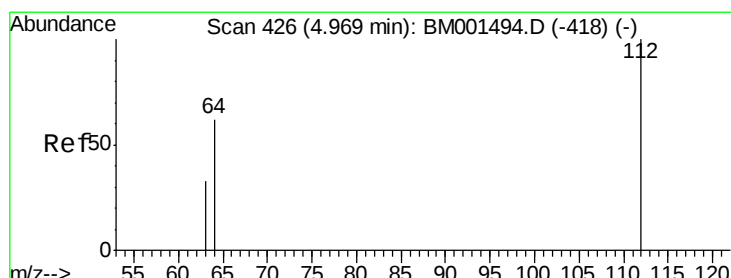
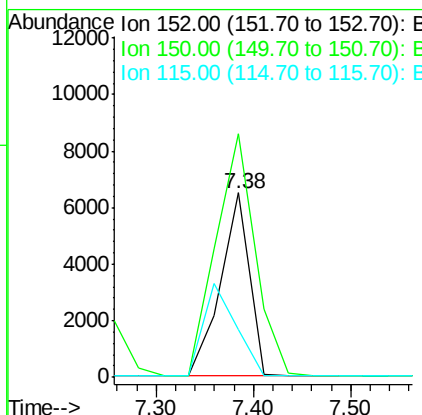
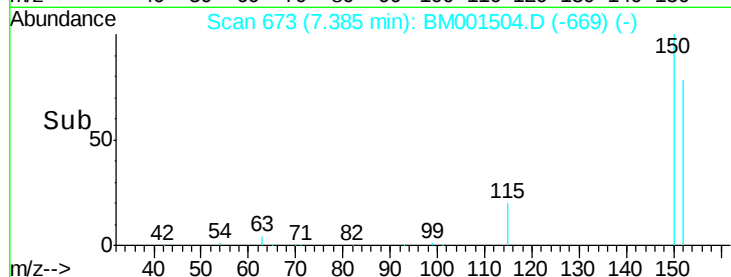
OM-SP-002-150528MSD



Tgt Ion:	152	Resp:	13284
Ion Ratio	Lower	Upper	
152	100		
150	132.1	103.8	155.8
115	25.8	20.7	31.1

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#2

2-Fluorophenol

Concen: 12.82 ng

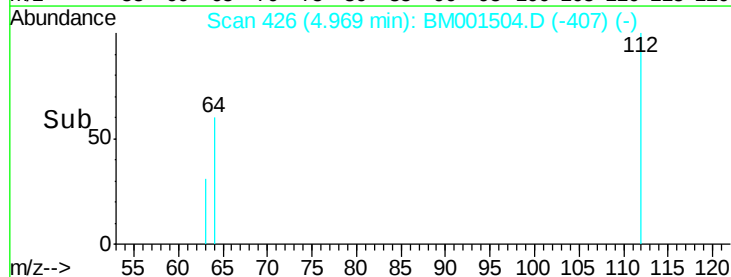
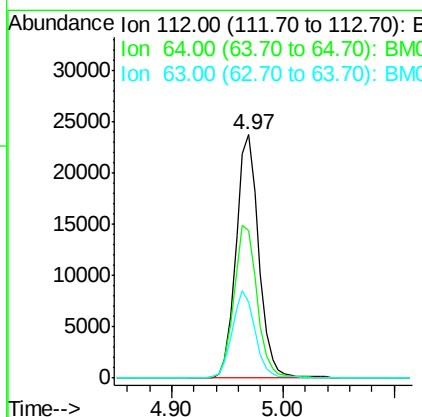
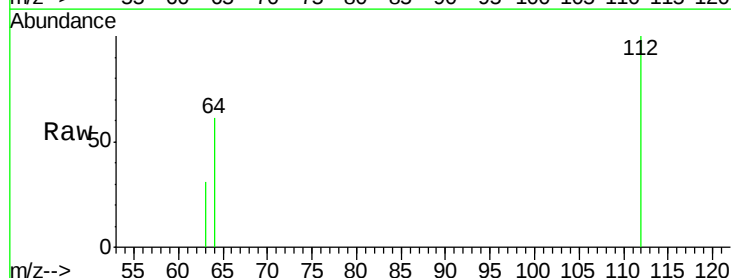
RT: 4.97 min Scan# 426

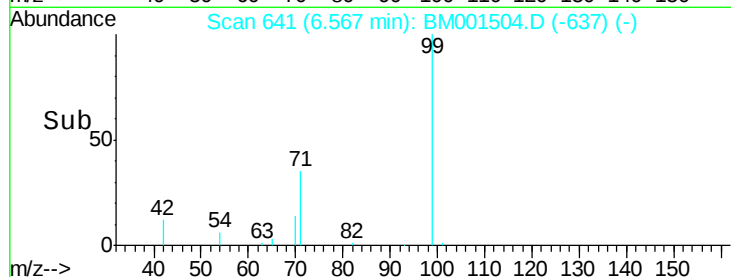
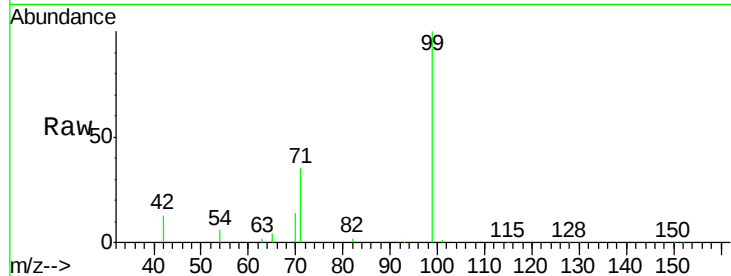
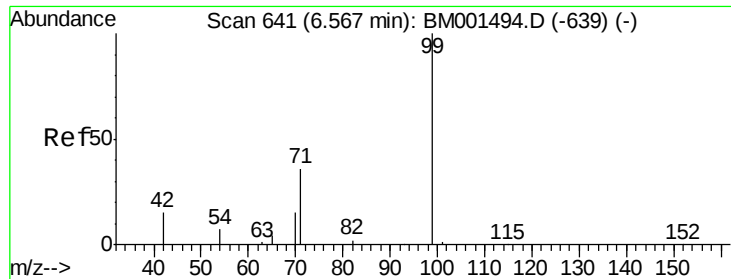
Delta R.T. -0.00 min

Lab File: BM001504.D

Acq: 31 May 2015 09:55

Tgt Ion:	112	Resp:	33502
Ion Ratio	Lower	Upper	
112	100		
64	60.5	50.2	75.2
63	31.3	28.2	42.4





#3

Phenol-d6

Concen: 14.74 ng

RT: 6.57 min Scan# 641

Delta R.T. -0.00 min

Lab File: BM001504.D

Acq: 31 May 2015 09:55

Tgt Ion:	99	Resp:	50273
Ion Ratio	Lower	Upper	
99	100		
42	12.5	15.2	22.8#
71	34.8	30.6	46.0

Instrument :

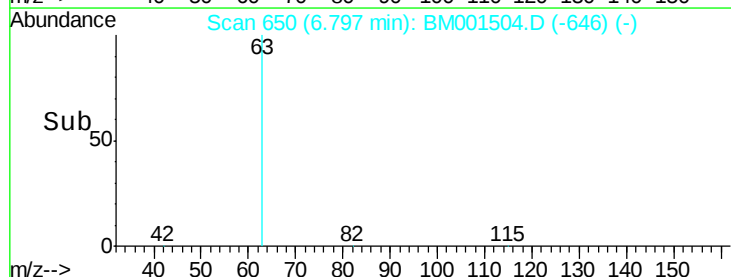
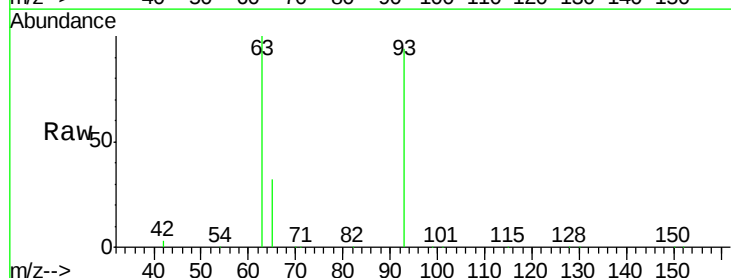
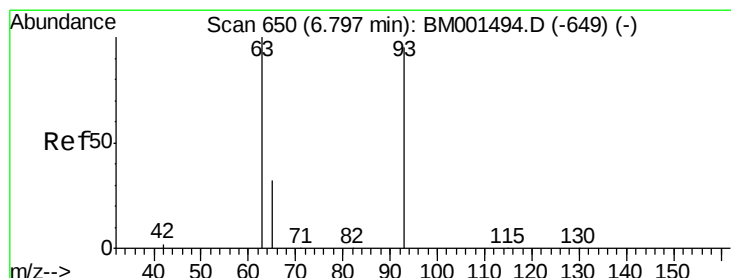
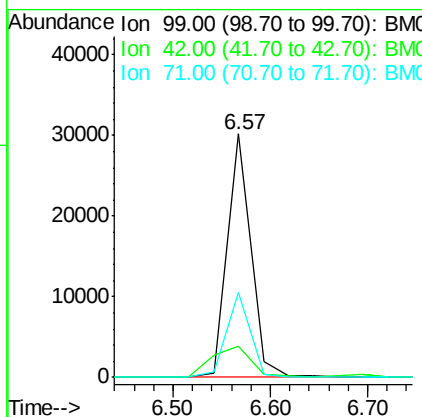
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#4

bis(2-Chloroethyl)ether

Concen: 9.49 ng

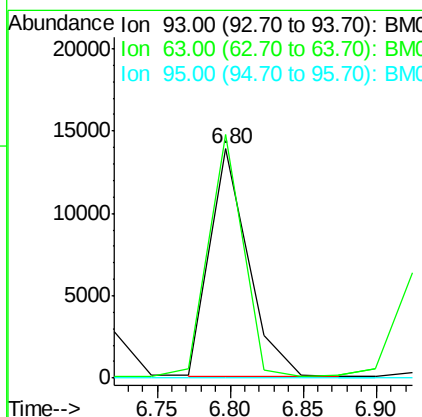
RT: 6.80 min Scan# 650

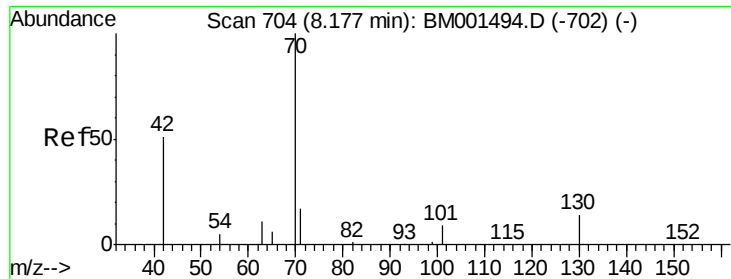
Delta R.T. -0.00 min

Lab File: BM001504.D

Acq: 31 May 2015 09:55

Tgt Ion:	93	Resp:	24958
Ion Ratio	Lower	Upper	
93	100		
63	106.2	86.8	126.8
95	0.0	0.0	20.0





#5

n-Nitroso-di-n-propylamine

Concen: 9.65 ng

RT: 8.18 min Scan# 704

Delta R.T. -0.00 min

Lab File: BM001504.D

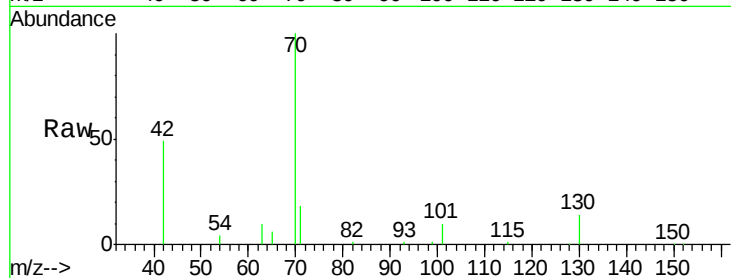
Acq: 31 May 2015 09:55

Instrument :

BNA_M

ClientSampleId :

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Tgt Ion: 70 Resp: 20737

Ion Ratio Lower Upper

70 100

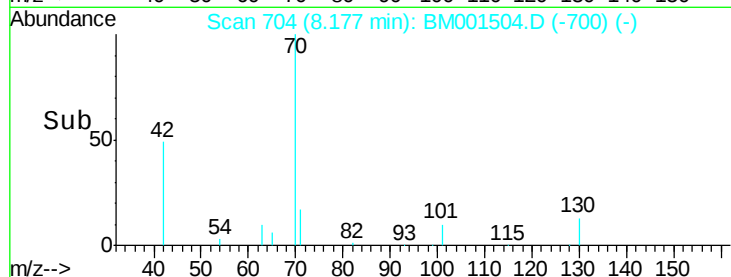
42 49.1 44.2 66.2

101 9.9 10.3 15.5#

130 13.7 13.9 20.9#

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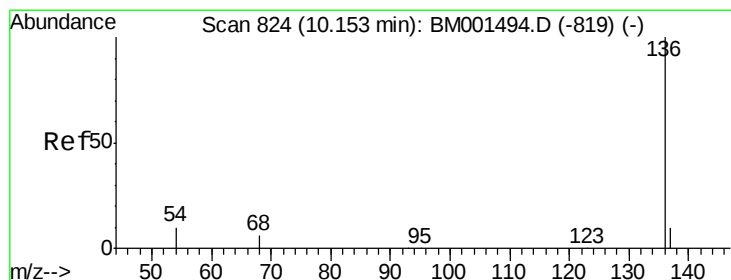
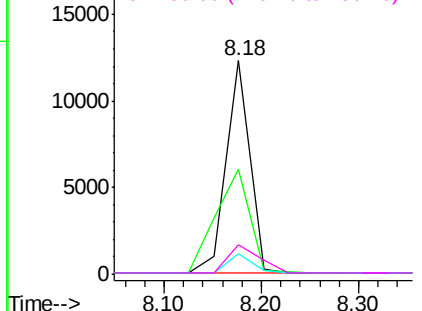


Abundance Ion 70.00 (69.70 to 70.70): BM001504.D (-700) (-)

Ion 42.00 (41.70 to 42.70): BM001504.D (-700) (-)

Ion 101.00 (100.70 to 101.70): BM001504.D (-700) (-)

Ion 130.00 (129.70 to 130.70): BM001504.D (-700) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.15 min Scan# 824

Delta R.T. -0.00 min

Lab File: BM001504.D

Acq: 31 May 2015 09:55

Tgt Ion: 136 Resp: 51021

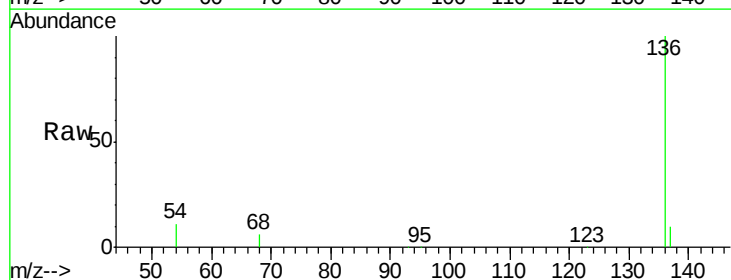
Ion Ratio Lower Upper

136 100

137 10.3 8.3 12.5

54 10.7 8.5 12.7

68 6.2 5.0 7.4

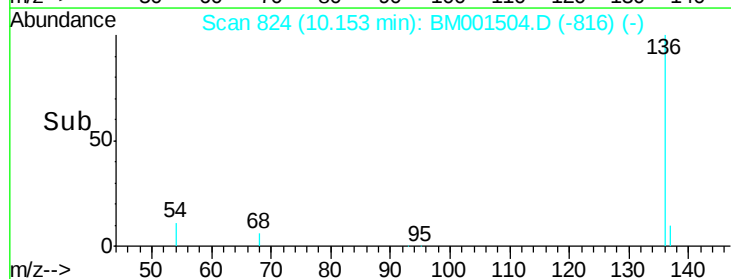
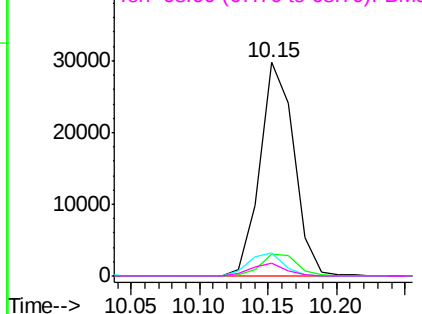


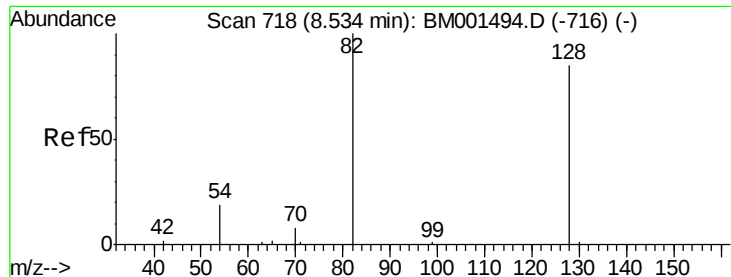
Abundance Ion 136.00 (135.70 to 136.70): BM001504.D (-816) (-)

Ion 137.00 (136.70 to 137.70): BM001504.D (-816) (-)

Ion 54.00 (53.70 to 54.70): BM001504.D (-816) (-)

Ion 68.00 (67.70 to 68.70): BM001504.D (-816) (-)





#7

Nitrobenzene-d5

Concen: 9.25 ng

RT: 8.53 min Scan# 718

Delta R.T. -0.00 min

Lab File: BM001504.D

Acq: 31 May 2015 09:55

Instrument :

BNA_M

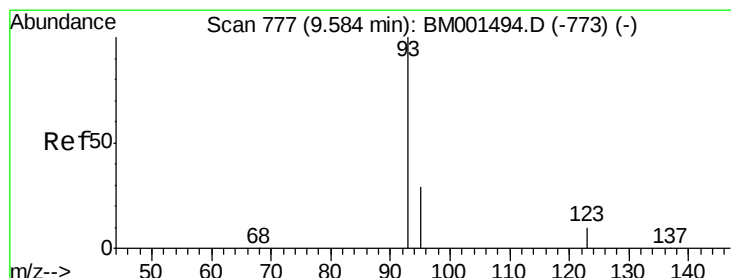
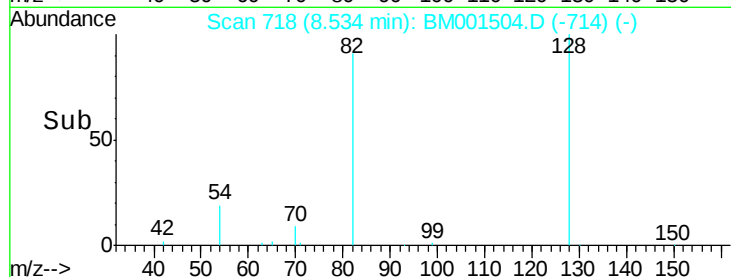
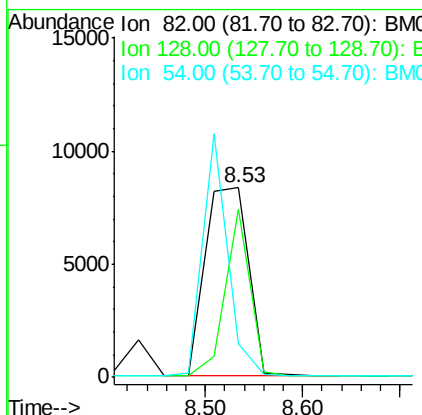
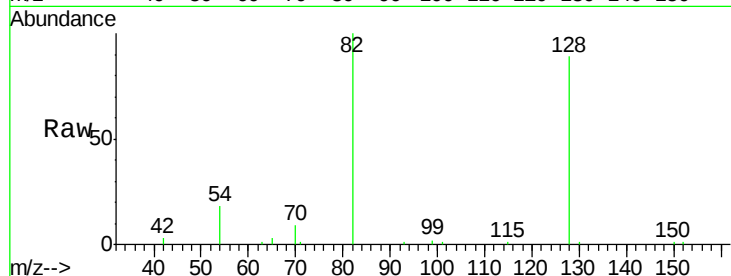
ClientSampleId :

OM-SP-002-150528MSD

Tgt Ion:	82	Resp:	25496
Ion Ratio	Lower	Upper	
82	100		
128	89.0	68.2	102.2
54	17.7	21.0	31.4#

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#8

bis(2-Chloroethoxy)methane

Concen: 10.03 ng

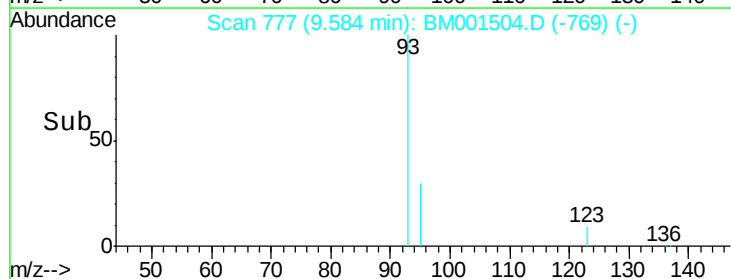
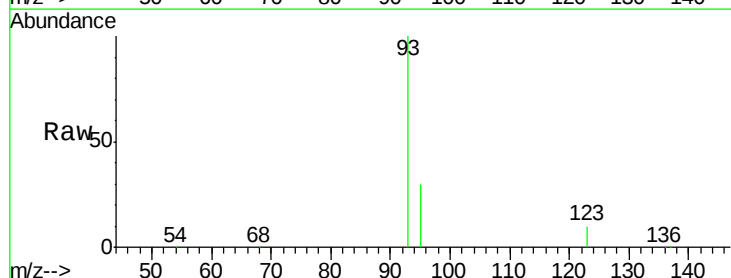
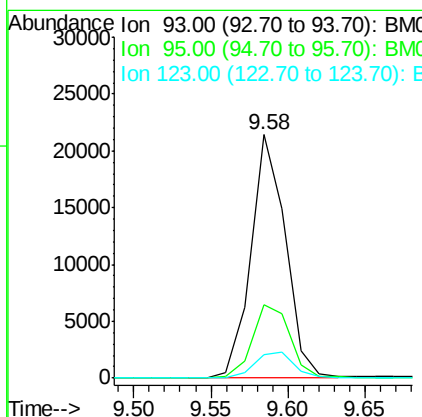
RT: 9.58 min Scan# 777

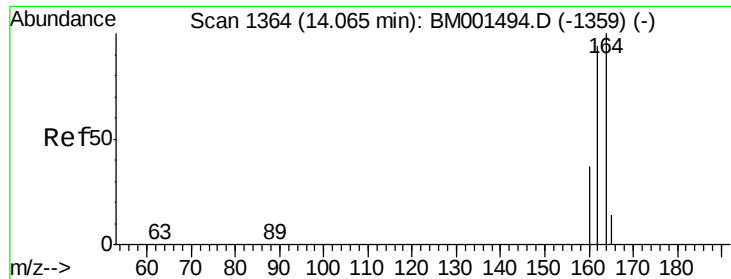
Delta R.T. -0.00 min

Lab File: BM001504.D

Acq: 31 May 2015 09:55

Tgt Ion:	93	Resp:	33010
Ion Ratio	Lower	Upper	
93	100		
95	29.9	25.0	37.6
123	9.7	9.5	14.3





#9

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.07 min Scan# 1364

Delta R.T. -0.00 min

Lab File: BM001504.D

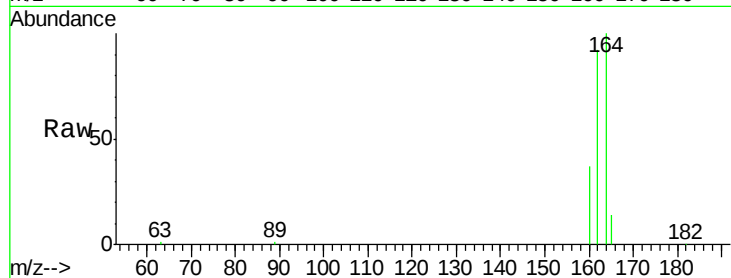
Acq: 31 May 2015 09:55

Instrument :

BNA_M

ClientSampleId :

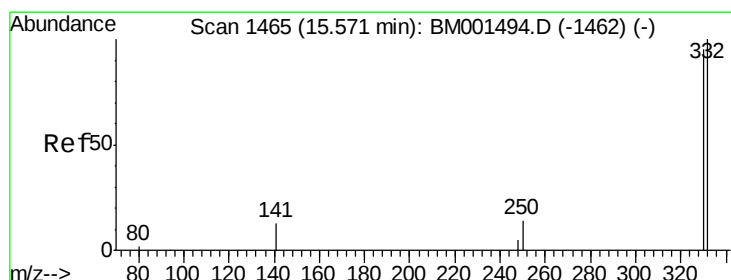
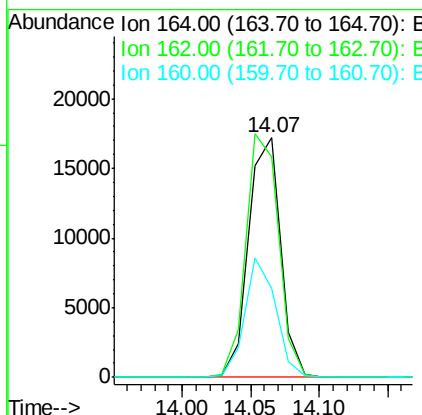
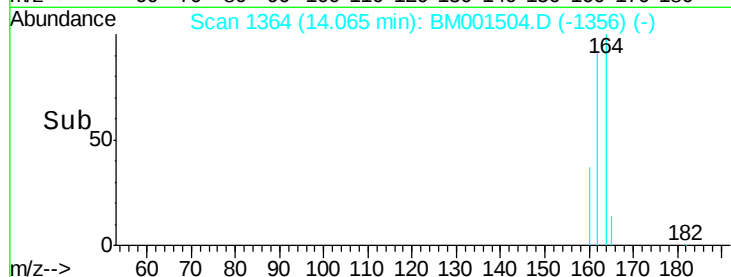
OM-SP-002-150528MSD



Tgt Ion:	164	Resp:	27602
Ion Ratio	Lower	Upper	
164	100		
162	92.0	75.3	112.9
160	37.0	30.1	45.1

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#10

2,4,6-Tribromophenol

Concen: 16.47 ng

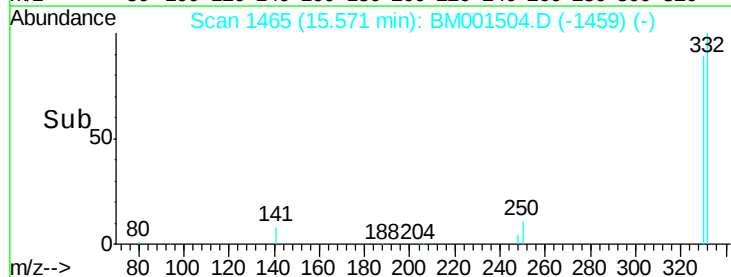
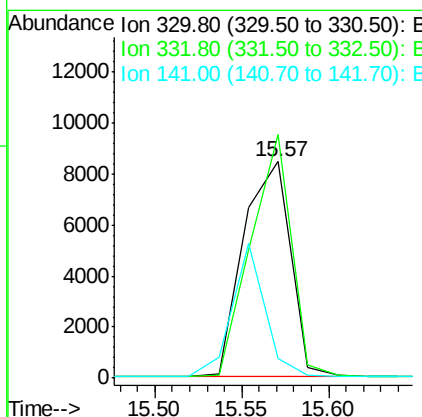
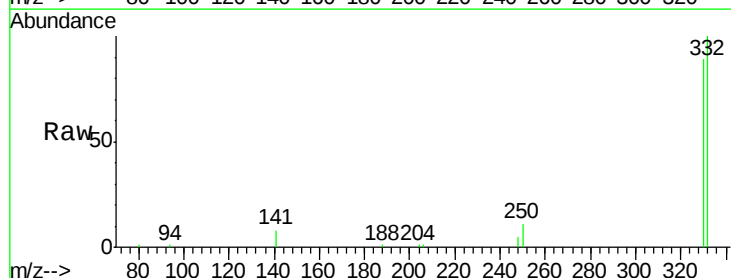
RT: 15.57 min Scan# 1465

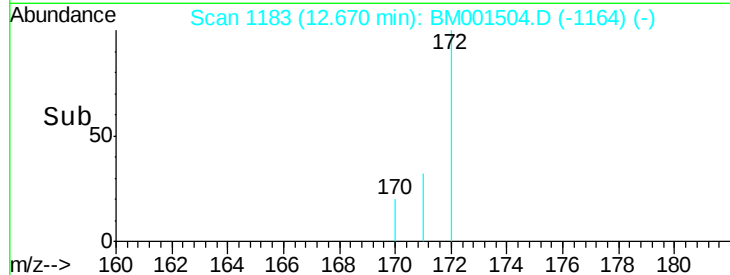
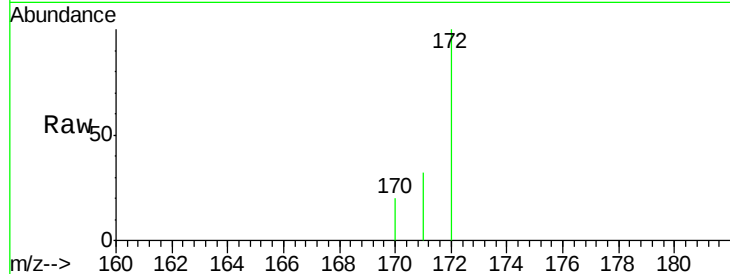
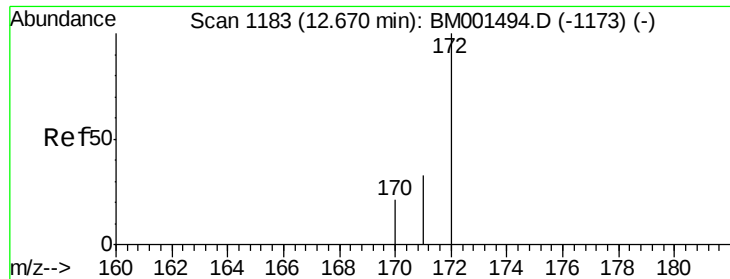
Delta R.T. -0.00 min

Lab File: BM001504.D

Acq: 31 May 2015 09:55

Tgt Ion:	330	Resp:	16112
Ion Ratio	Lower	Upper	
330	100		
332	96.8	77.6	116.4
141	43.4	34.3	51.5





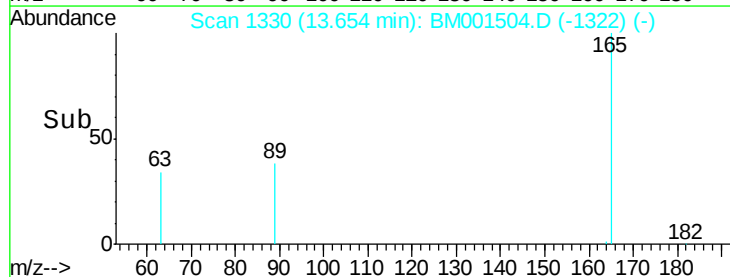
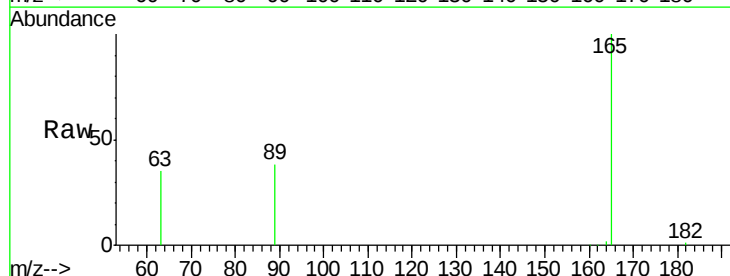
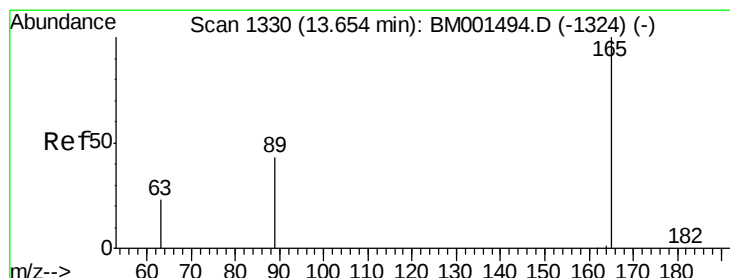
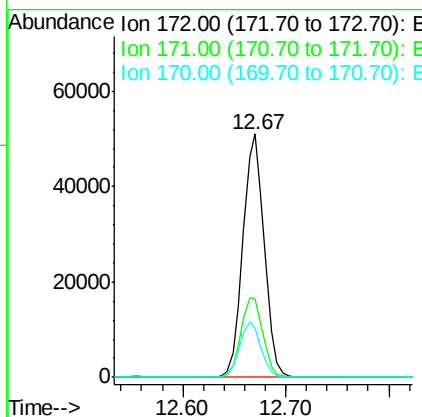
#11
2-Fluorobiphenyl
Concen: 9.06 ng
RT: 12.67 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BM001504.D
Acq: 31 May 2015 09:55

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OM-SP-002-150528MSD

Tgt Ion	Ratio	Lower	Upper
172	100		
171	32.4	27.2	40.8
170	20.1	17.8	26.6

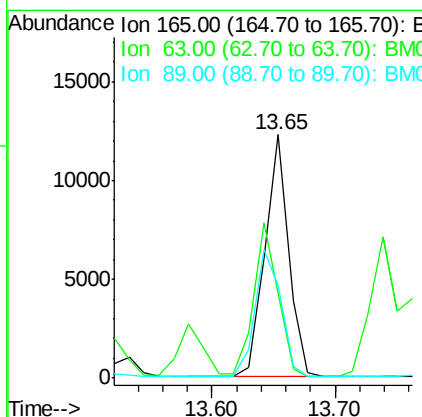
Manual Integrations
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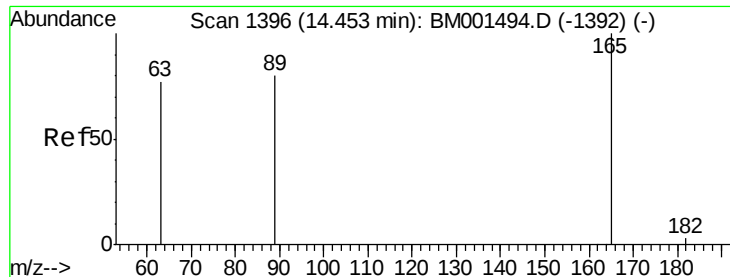
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#12
2,6-Dinitrotoluene
Concen: 9.69 ng
RT: 13.65 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BM001504.D
Acq: 31 May 2015 09:55

Tgt Ion	Ratio	Lower	Upper
165	100		
63	35.0	35.3	52.9#
89	38.0	37.4	56.2





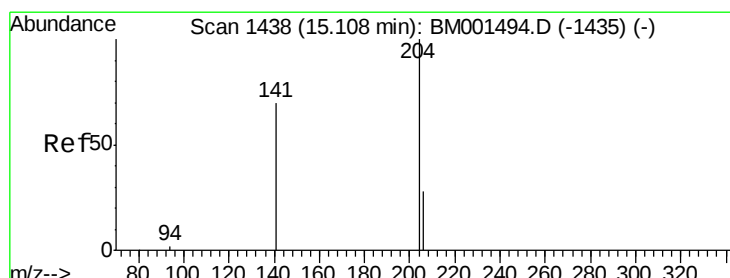
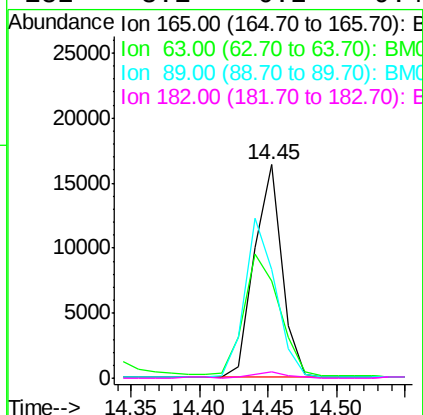
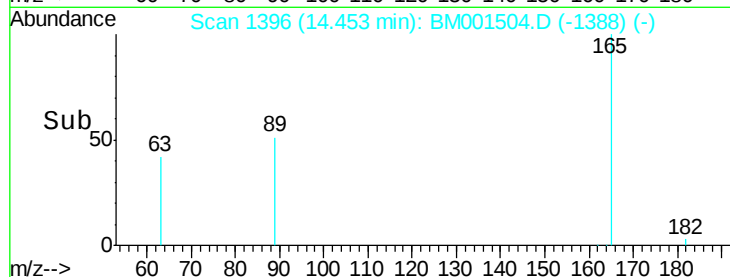
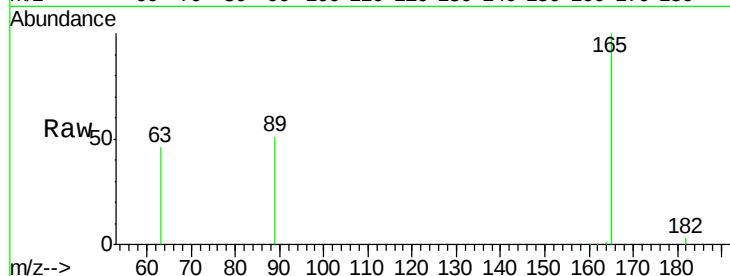
#13
 2,4-Dinitrotoluene
 Concen: 10.38 ng
 RT: 14.45 min Scan# 1396
 Delta R.T. 0.00 min
 Lab File: BM001504.D
 Acq: 31 May 2015 09:55

Instrument :
 BNA_M
 ClientSampleId :
 OM-SP-002-150528MSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	22759		
63	45.7	63.9	95.9#	
89	50.9	65.0	97.6#	
182	3.1	6.2	9.4#	

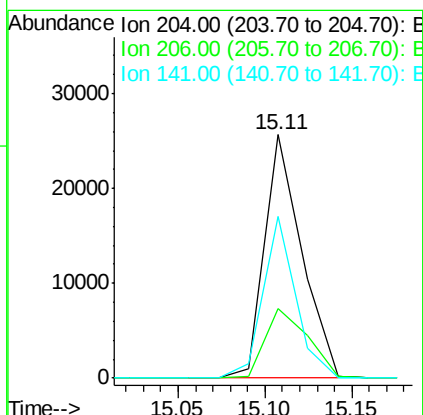
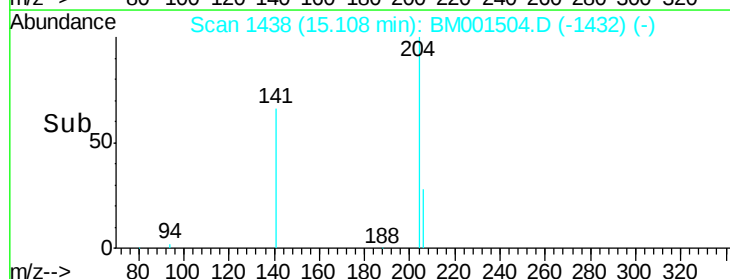
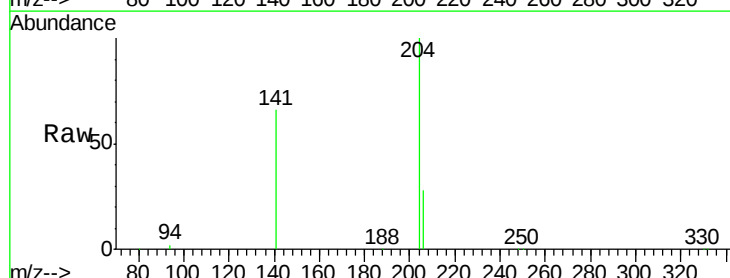
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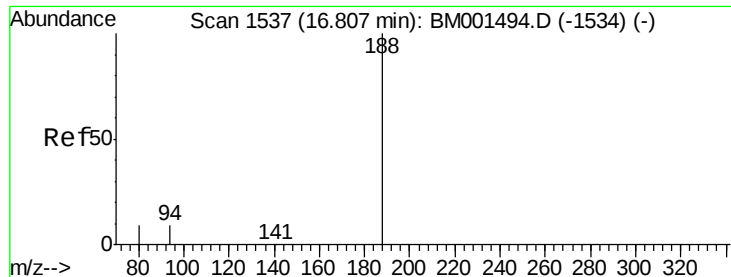
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#14
 4-Chlorophenyl-phenylether
 Concen: 9.55 ng
 RT: 15.11 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BM001504.D
 Acq: 31 May 2015 09:55

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	38261		
206	28.4	23.8	35.6	
141	66.3	56.6	85.0	





#15

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.81 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BM001504.D

Acq: 31 May 2015 09:55

Instrument :

BNA_M

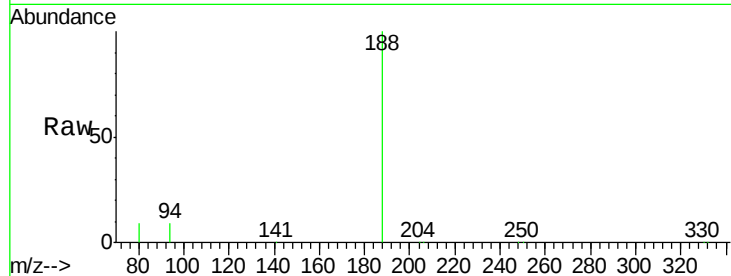
ClientSampleId :

OM-SP-002-150528MSD

Tgt Ion:	188	Resp:	56533
Ion Ratio	Lower	Upper	
188	100		
94	8.6	7.1	10.7
80	8.5	7.3	10.9

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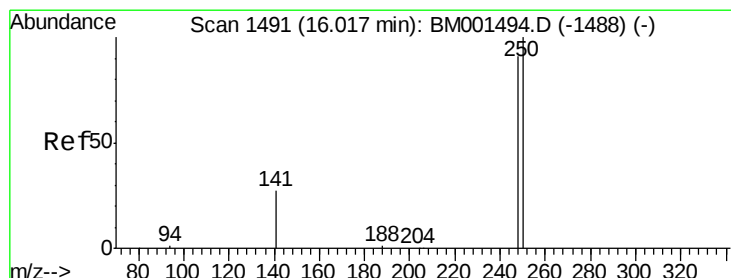
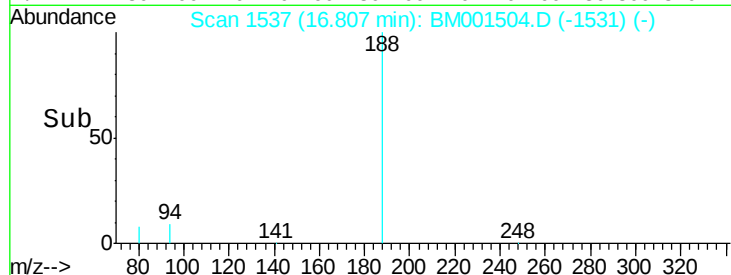
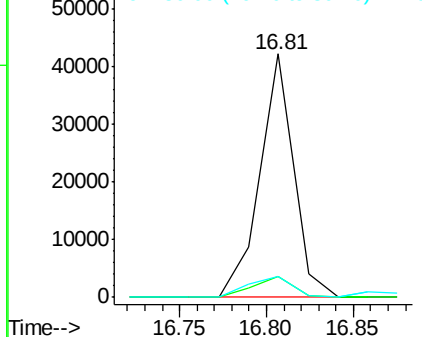
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#16

4-Bromophenyl-phenylether

Concen: 9.51 ng

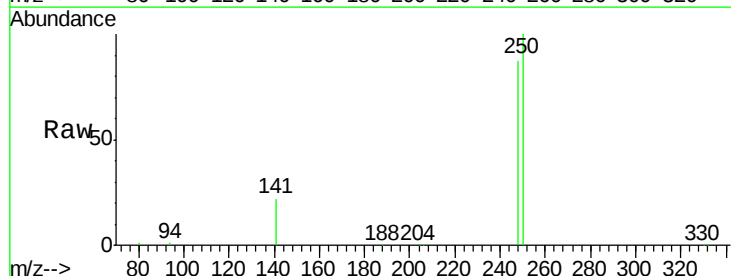
RT: 16.02 min Scan# 1491

Delta R.T. -0.00 min

Lab File: BM001504.D

Acq: 31 May 2015 09:55

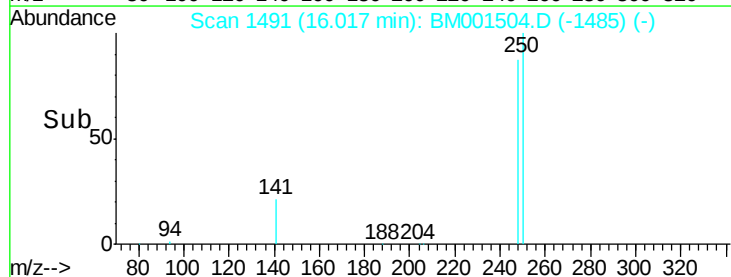
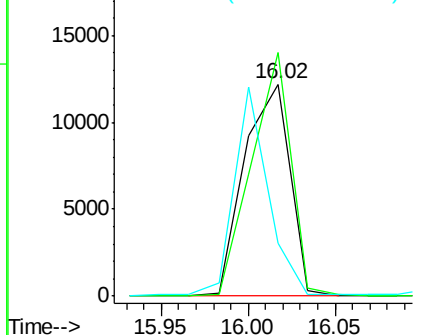
Tgt Ion:	248	Resp:	22401
Ion Ratio	Lower	Upper	
248	100		
250	115.0	87.3	130.9
141	24.9	25.8	38.8#

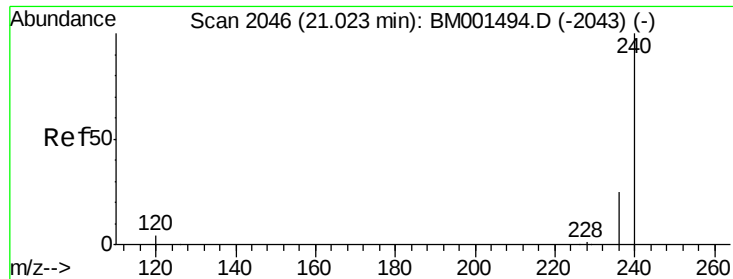


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





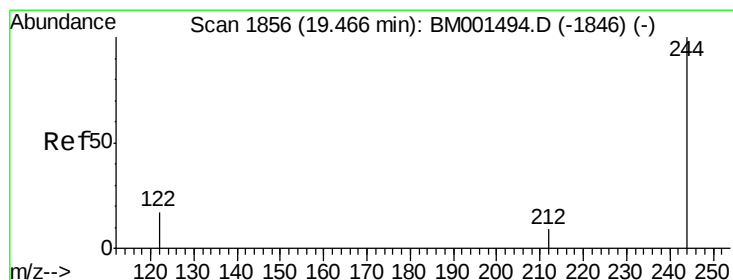
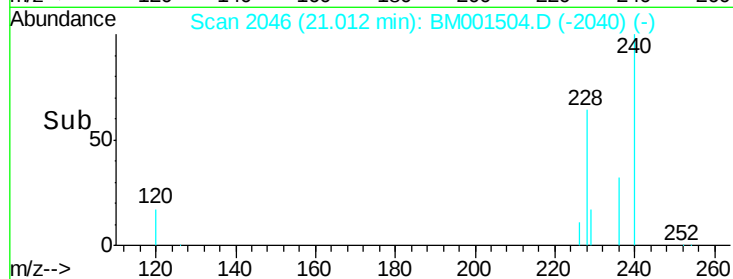
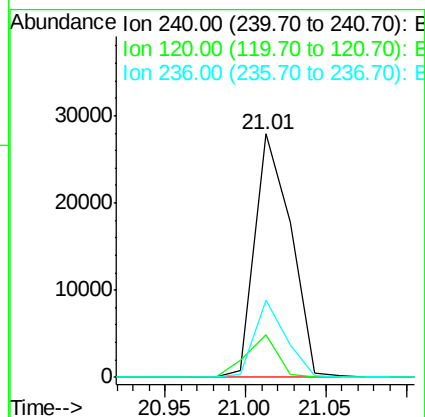
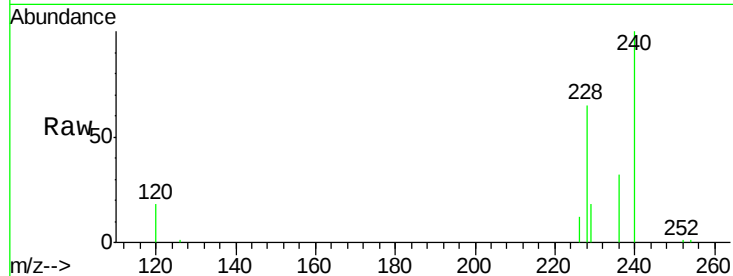
#17
Chrysene-d12
Concen: 5.00 ng
RT: 21.01 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BM001504.D
Acq: 31 May 2015 09:55

Instrument :
BNA_M
ClientSampleId :
OM-SP-002-150528MSD

Tgt Ion:240 Resp: 43484
Ion Ratio Lower Upper
240 100
120 17.6 3.7 5.5#
236 31.8 19.8 29.8#

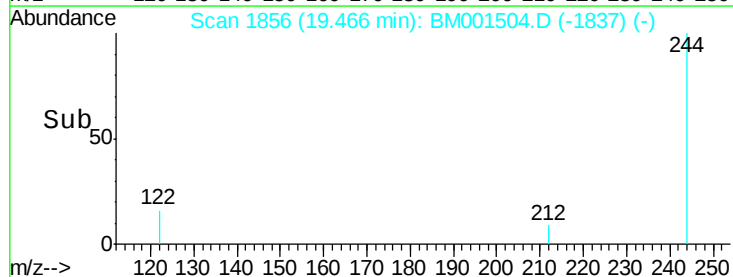
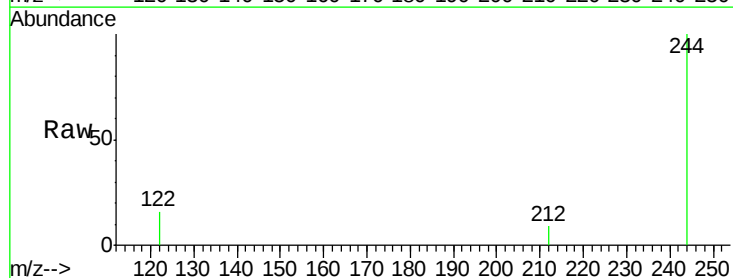
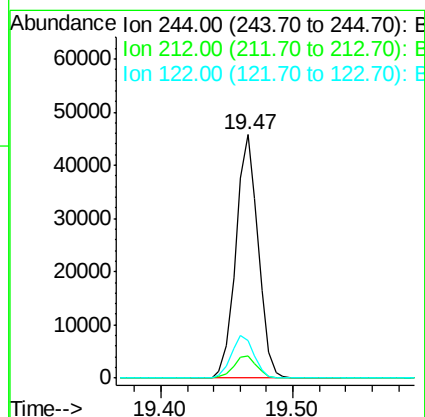
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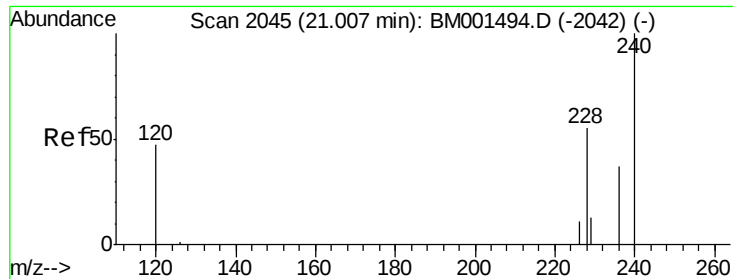
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#18
Terphenyl-d14
Concen: 9.21 ng
RT: 19.47 min Scan# 1856
Delta R.T. -0.00 min
Lab File: BM001504.D
Acq: 31 May 2015 09:55

Tgt Ion:244 Resp: 53569
Ion Ratio Lower Upper
244 100
212 8.9 8.0 12.0
122 15.6 14.1 21.1





#19

Benzo(a)anthracene

Concen: 9.26 ng

RT: 21.00 min Scan# 2045

Delta R.T. -0.01 min

Lab File: BM001504.D

Acq: 31 May 2015 09:55

Instrument :

BNA_M

ClientSampleId :

OM-SP-002-150528MSD

Tgt Ion: 228 Resp: 109807
Ion Ratio Lower Upper

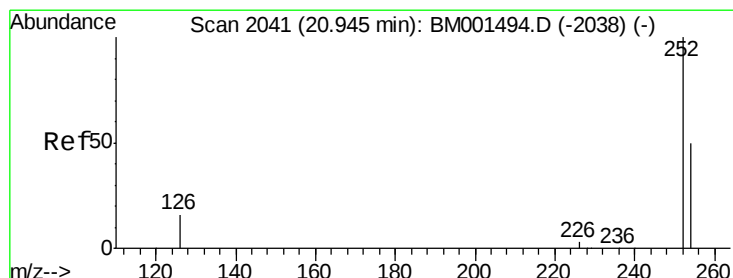
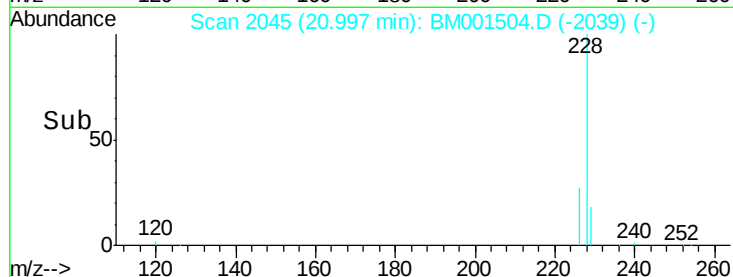
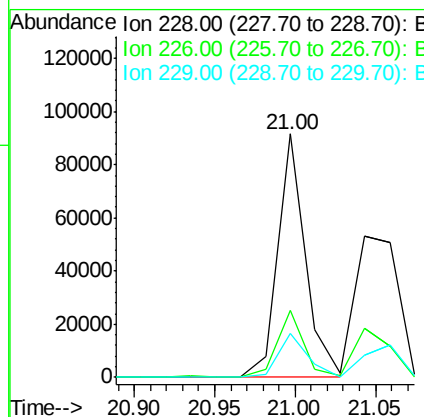
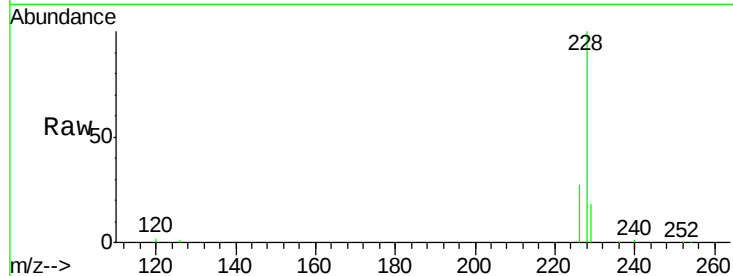
228 100

226 27.3 17.5 26.3#

229 18.1 19.0 28.4#

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#20

3,3'-Dichlorobenzidine

Concen: 11.54 ng m

RT: 20.95 min Scan# 2042

Delta R.T. 0.01 min

Lab File: BM001504.D

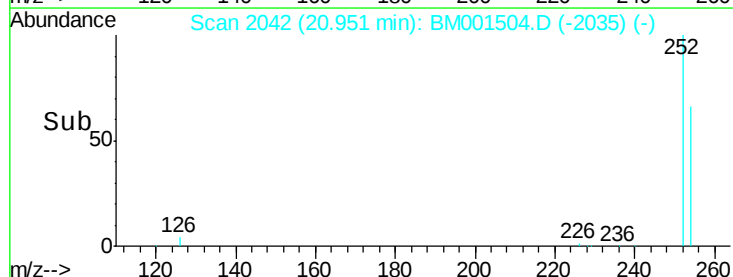
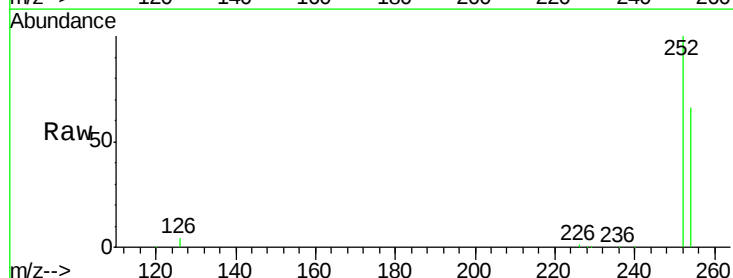
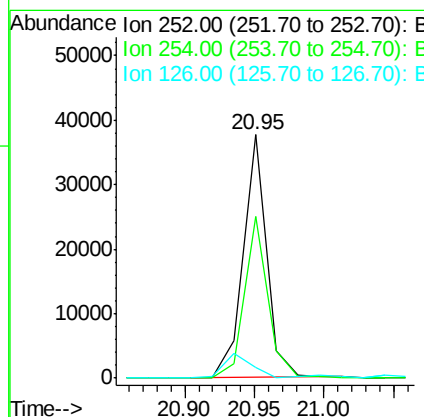
Acq: 31 May 2015 09:55

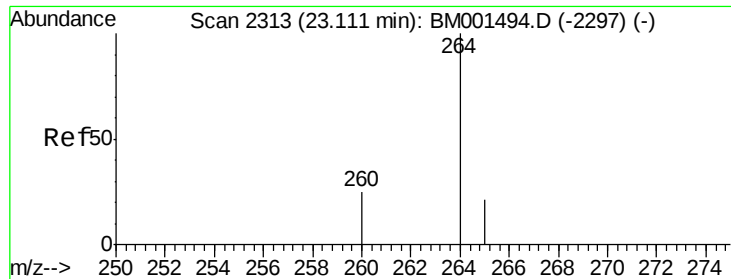
Tgt Ion: 252 Resp: 44672
Ion Ratio Lower Upper

252 100

254 66.2 41.2 61.8#

126 4.2 14.7 22.1#





#21
Perylene-d12
Concen: 5.00 ng
RT: 23.11 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BM001504.D
Acq: 31 May 2015 09:55

Instrument :
BNA_M
ClientSampleId :
OM-SP-002-150528MSD

Tgt Ion:	264	Resp:	37970
Ion Ratio		Lower	Upper
264	100		
260	25.3	19.8	29.8
265	21.6	18.0	27.0

Manual Integrations
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