

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053115\
 Data File : BM001500.D
 Acq On : 31 May 2015 07:30
 Operator : TP/IZ
 Sample : G2438-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FG-SP-001-150528

Quant Time: Jun 01 05:50:22 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

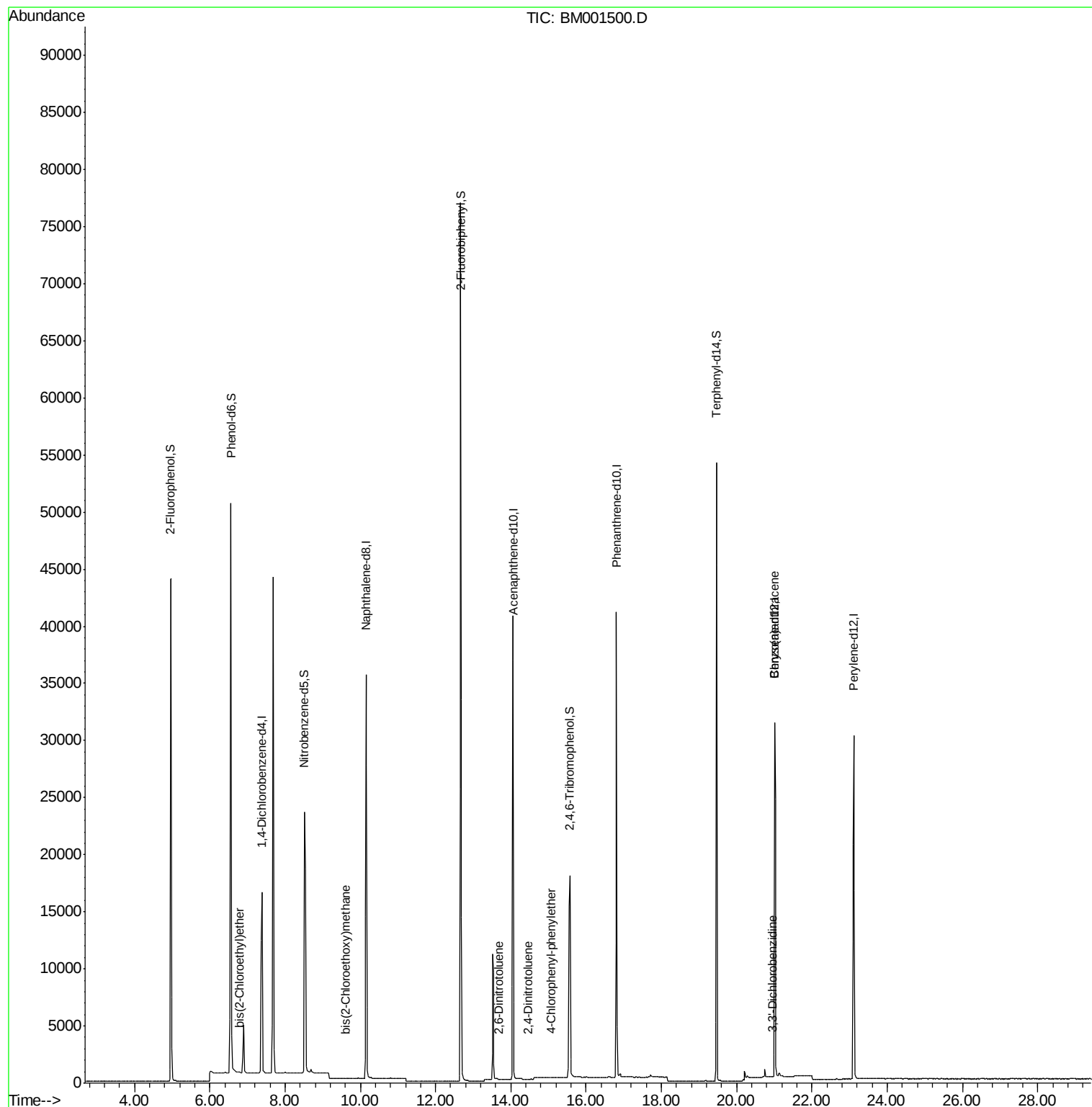
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	13038	5.00	ng	0.00
6) Naphthalene-d8	10.15	136	48984	5.00	ng	0.00
9) Acenaphthene-d10	14.07	164	25379	5.00	ng	0.00
15) Phenanthrene-d10	16.81	188	48868	5.00	ng	0.00
17) Chrysene-d12	21.01	240	37612	5.00	ng	-0.01
21) Perylene-d12	23.11	264	34797	5.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	4.97	112	32748	12.76	ng	0.00
3) Phenol-d6	6.57	99	50101	14.97	ng	0.00
7) Nitrobenzene-d5	8.51	82	25608	9.68	ng	-0.03
10) 2,4,6-Tribromophenol	15.57	330	13640	15.16	ng	0.00
11) 2-Fluorobiphenyl	12.67	172	73827	10.04	ng	0.00
18) Terphenyl-d14	19.46	244	49772	9.90	ng	0.00
Target Compounds						Qvalue
4) bis(2-Chloroethyl)ether	6.80	93	11	0.00	ng	# 79
8) bis(2-Chloroethoxy)methane	9.61	93	8	0.00	ng	# 1
12) 2,6-Dinitrotoluene	13.67	165	3	0.19	ng	# 17
13) 2,4-Dinitrotoluene	14.46	165	5	0.28	ng	# 65
14) 4-Chlorophenyl-phenylether	15.07	204	3	0.00	ng	# 27
19) Benzo(a)anthracene	21.01	228	181	0.02	ng	# 46
20) 3,3'-Dichlorobenzidine	20.95	252	7	0.00	ng	# 5

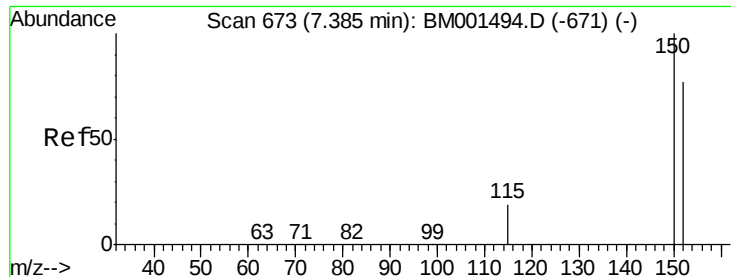
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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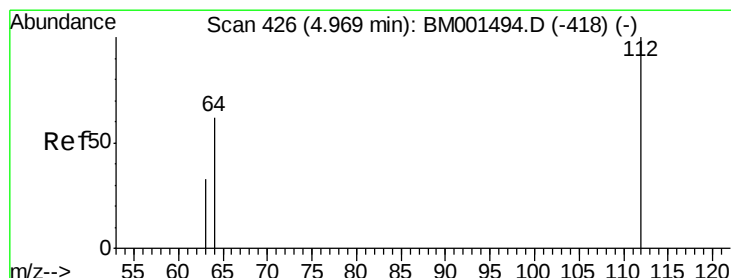
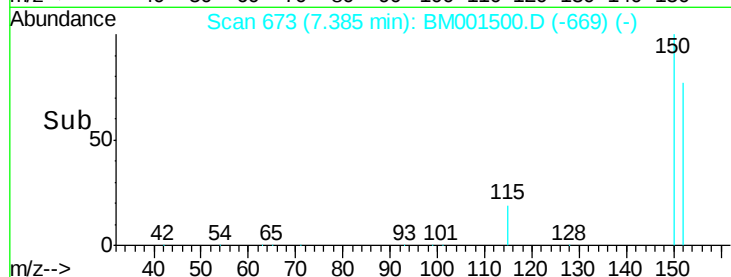
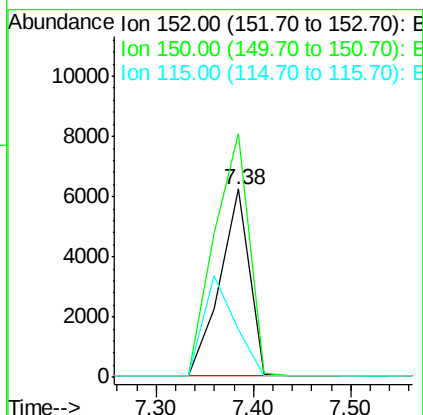
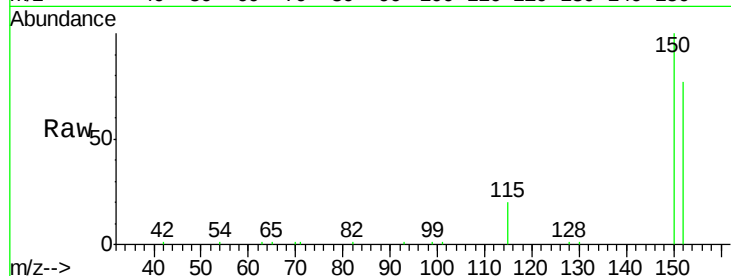


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.38 min Scan# 673
Delta R.T. -0.00 min
Lab File: BM001500.D
Acq: 31 May 2015 07:30

Instrument :
BNA_M
ClientSampleId :
FG-SP-001-150528

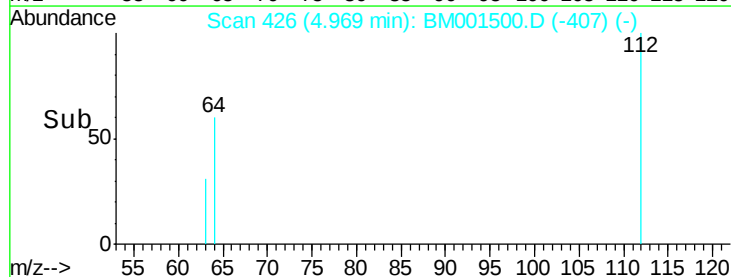
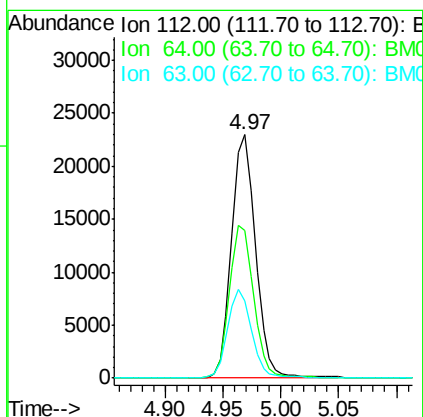
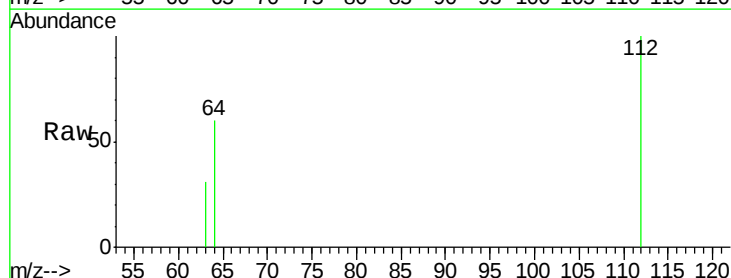
Tgt Ion:152 Resp: 13038
Ion Ratio Lower Upper
152 100
150 129.3 103.8 155.8
115 25.3 20.7 31.1

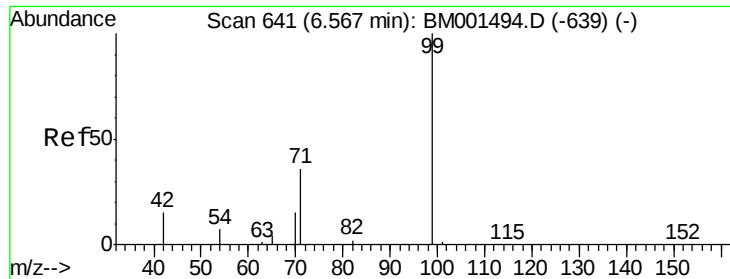


#2

2-Fluorophenol
Concen: 12.76 ng
RT: 4.97 min Scan# 426
Delta R.T. -0.00 min
Lab File: BM001500.D
Acq: 31 May 2015 07:30

Tgt Ion:112 Resp: 32748
Ion Ratio Lower Upper
112 100
64 60.5 50.2 75.2
63 31.5 28.2 42.4





#3

Phenol-d6

Concen: 14.97 ng

RT: 6.57 min Scan# 641

Delta R.T. -0.00 min

Lab File: BM001500.D

Acq: 31 May 2015 07:30

Instrument :

BNA_M

ClientSampleId :

FG-SP-001-150528

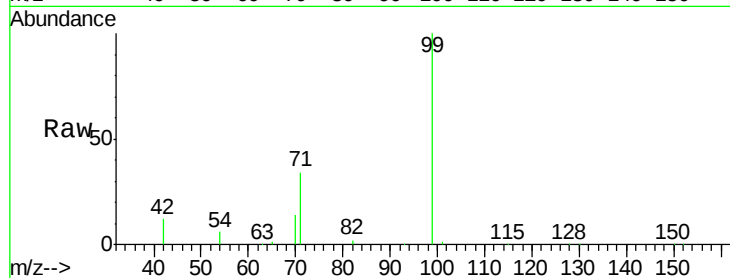
Tgt Ion: 99 Resp: 50101

Ion Ratio Lower Upper

99 100

42 12.5 15.2 22.8#

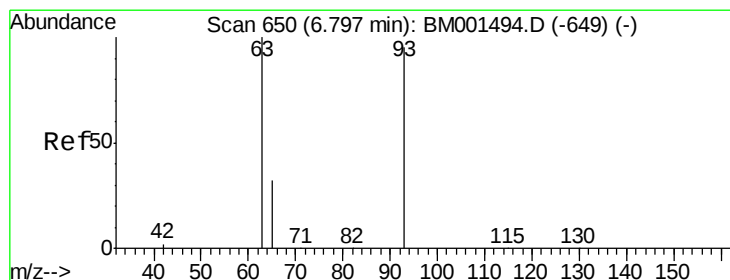
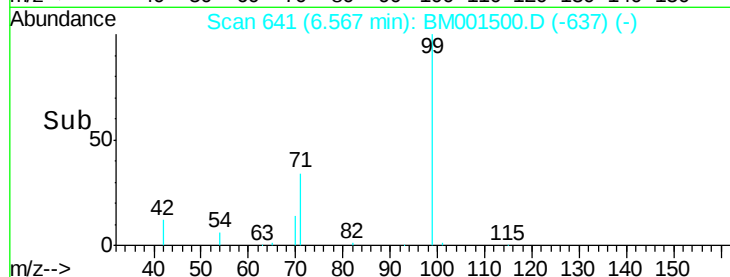
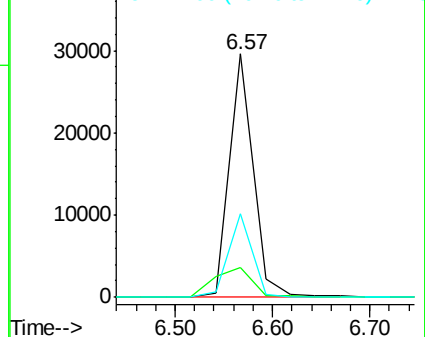
71 34.2 30.6 46.0



Abundance Ion 99.00 (98.70 to 99.70): BM001494.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM001494.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM001494.D (-639) (-)



#4

bis(2-Chloroethyl)ether

Concen: 0.00 ng

RT: 6.80 min Scan# 650

Delta R.T. -0.00 min

Lab File: BM001500.D

Acq: 31 May 2015 07:30

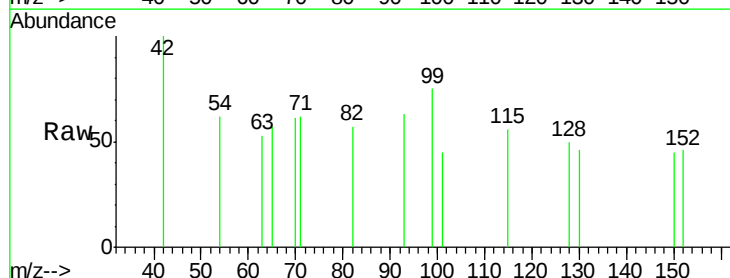
Tgt Ion: 93 Resp: 11

Ion Ratio Lower Upper

93 100

63 85.1 86.8 126.8#

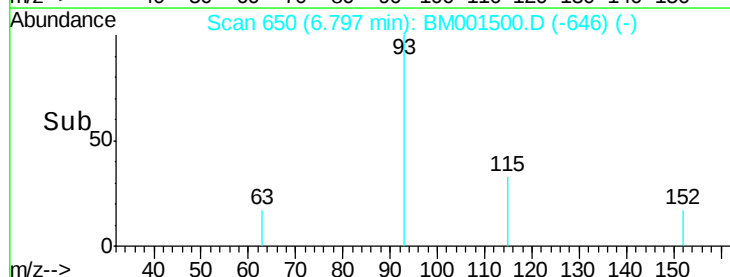
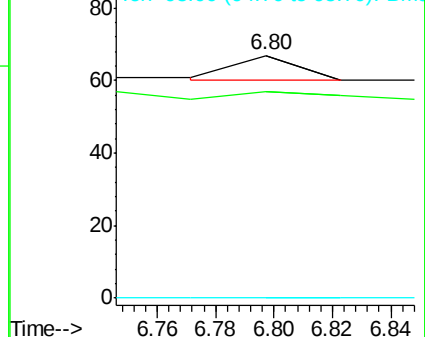
95 0.0 0.0 20.0

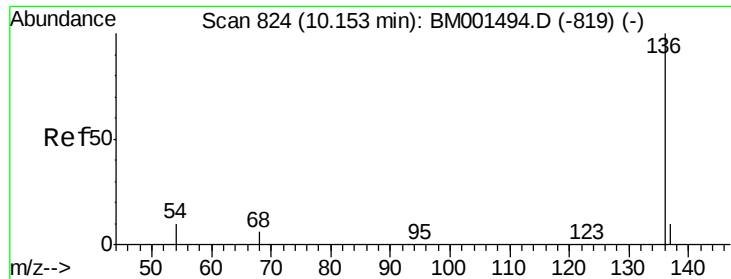


Abundance Ion 93.00 (92.70 to 93.70): BM001494.D (-649) (-)

Ion 63.00 (62.70 to 63.70): BM001494.D (-649) (-)

Ion 95.00 (94.70 to 95.70): BM001494.D (-649) (-)

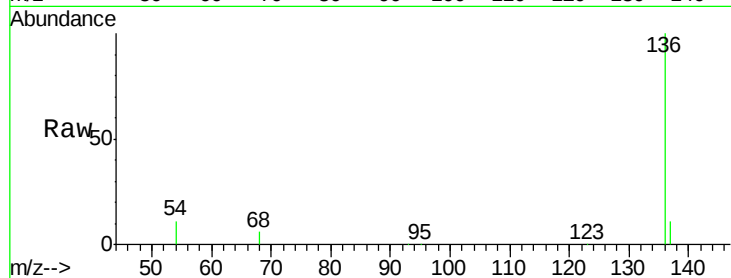




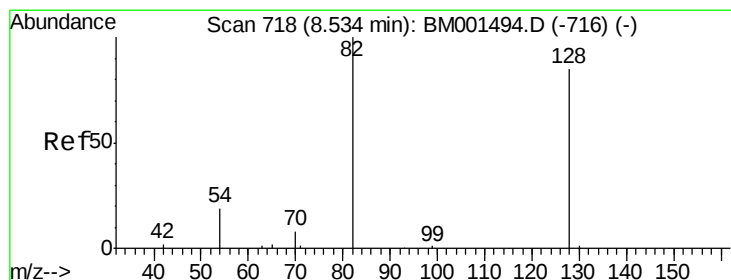
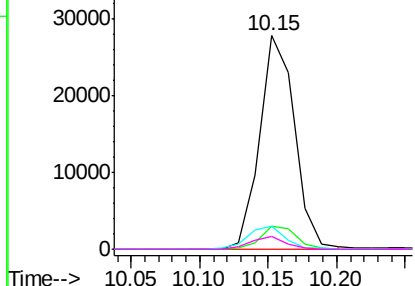
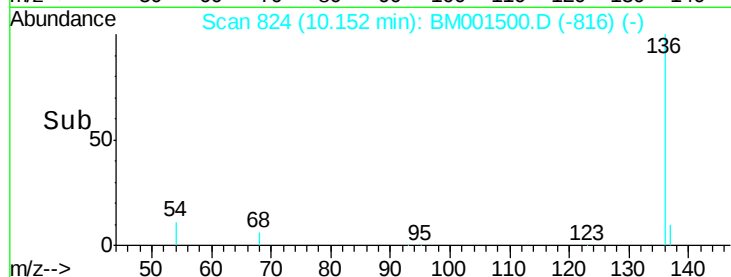
#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.15 min Scan# 824
Delta R.T. -0.00 min
Lab File: BM001500.D
Acq: 31 May 2015 07:30

Instrument :
BNA_M
ClientSampleId :
FG-SP-001-150528

Tgt Ion:	136	Resp:	48984
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.3	12.5
54	11.0	8.5	12.7
68	6.3	5.0	7.4

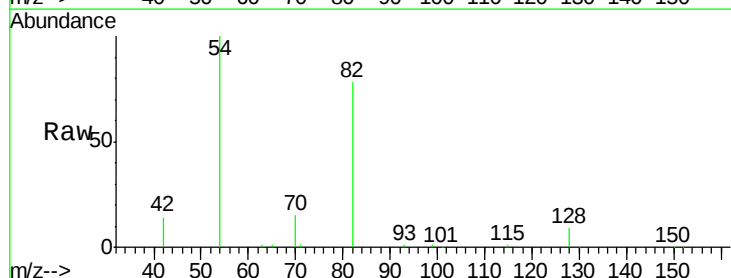


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

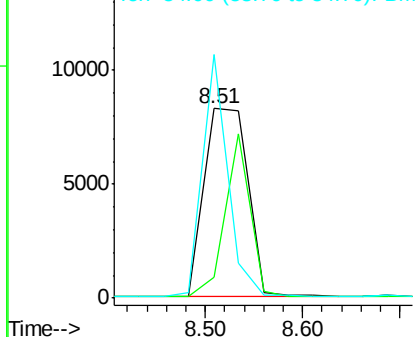
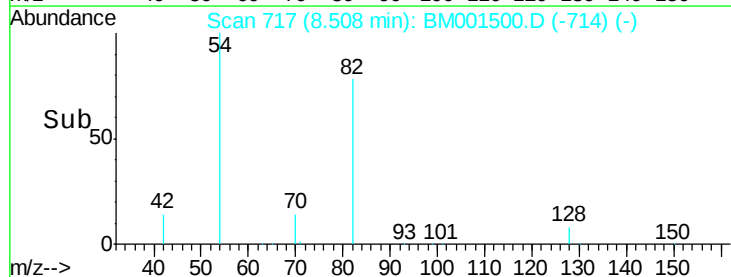


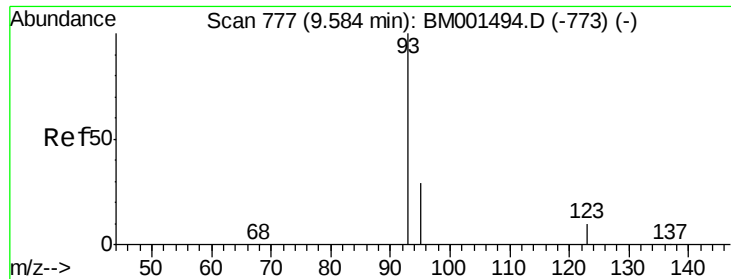
#7
Nitrobenzene-d5
Concen: 9.68 ng
RT: 8.51 min Scan# 717
Delta R.T. -0.03 min
Lab File: BM001500.D
Acq: 31 May 2015 07:30

Tgt Ion:	82	Resp:	25608
Ion	Ratio	Lower	Upper
82	100		
128	11.0	68.2	102.2#
54	128.5	21.0	31.4#



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM





#8

bis(2-Chloroethoxy)methane

Concen: 0.00 ng

RT: 9.61 min Scan# 779

Delta R.T. 0.02 min

Lab File: BM001500.D

Acq: 31 May 2015 07:30

Instrument :

BNA_M

ClientSampleId :

FG-SP-001-150528

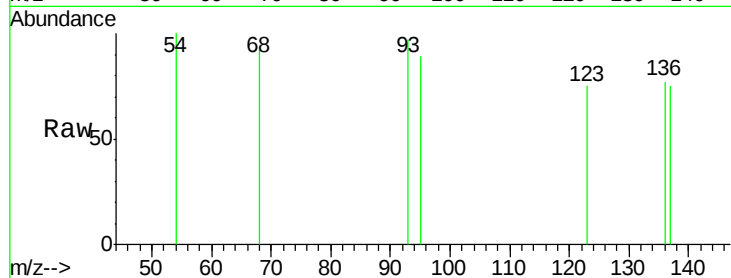
Tgt Ion: 93 Resp: 8

Ion Ratio Lower Upper

93 100

95 91.9 25.0 37.6#

123 77.4 9.5 14.3#

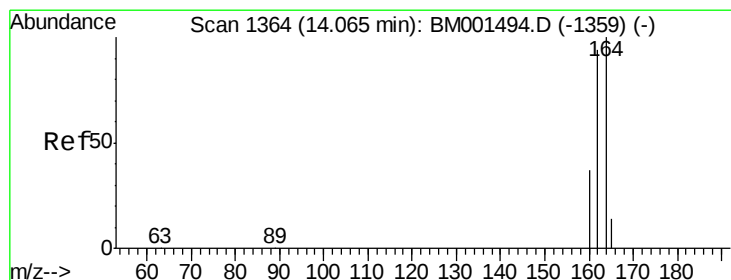
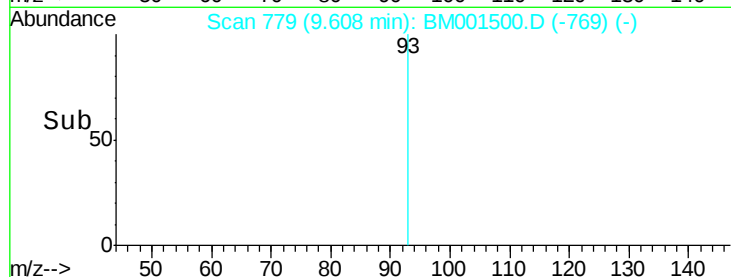


Abundance Ion 93.00 (92.70 to 93.70): BM001494.D (-773) (-)

Ion 95.00 (94.70 to 95.70): BM001494.D (-773) (-)

Ion 123.00 (122.70 to 123.70): BM001494.D (-773) (-)

Time-->



#9

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.07 min Scan# 1364

Delta R.T. -0.00 min

Lab File: BM001500.D

Acq: 31 May 2015 07:30

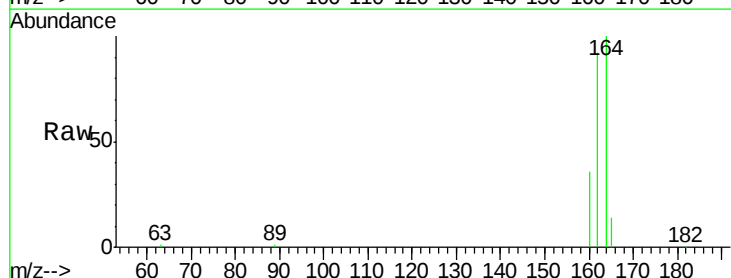
Tgt Ion: 164 Resp: 25379

Ion Ratio Lower Upper

164 100

162 91.8 75.3 112.9

160 36.2 30.1 45.1

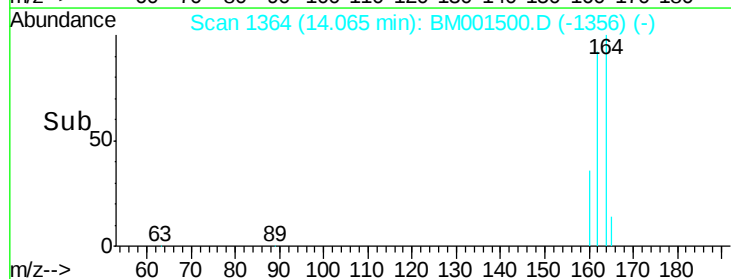


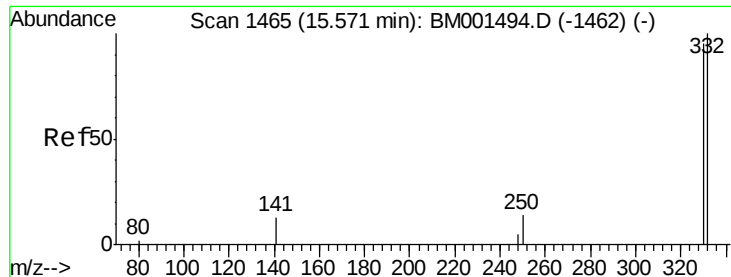
Abundance Ion 164.00 (163.70 to 164.70): BM001494.D (-1359) (-)

Ion 162.00 (161.70 to 162.70): BM001494.D (-1359) (-)

Ion 160.00 (159.70 to 160.70): BM001494.D (-1359) (-)

Time-->

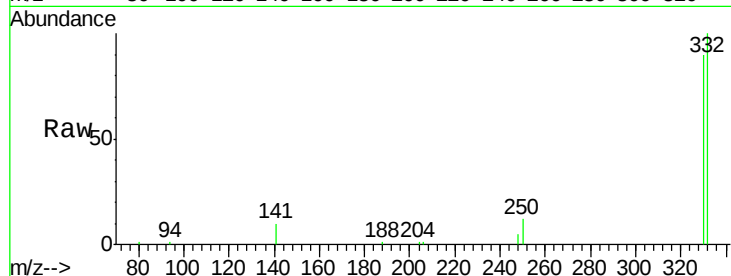




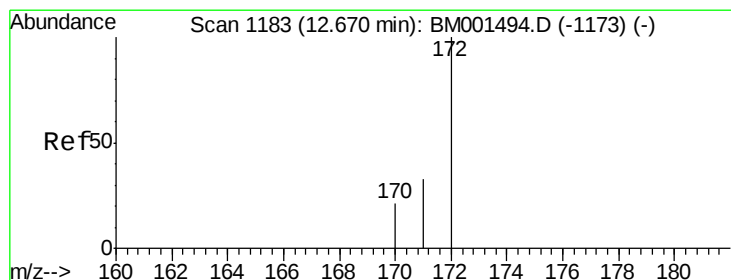
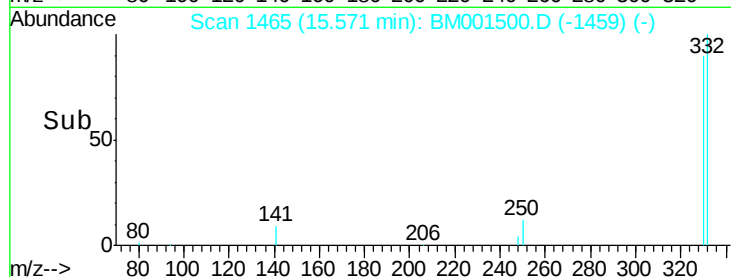
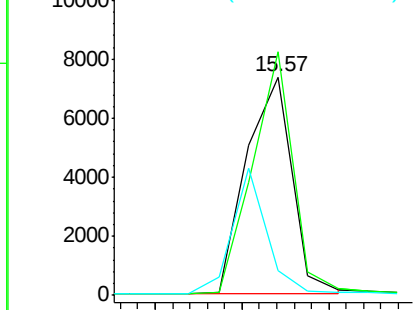
#10
 2,4,6-Tribromophenol
 Concen: 15.16 ng
 RT: 15.57 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: BM001500.D
 Acq: 31 May 2015 07:30

Instrument :
 BNA_M
 ClientSampleId :
 FG-SP-001-150528

Tgt Ion:330 Resp: 13640
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.6 116.4
 141 43.3 34.3 51.5

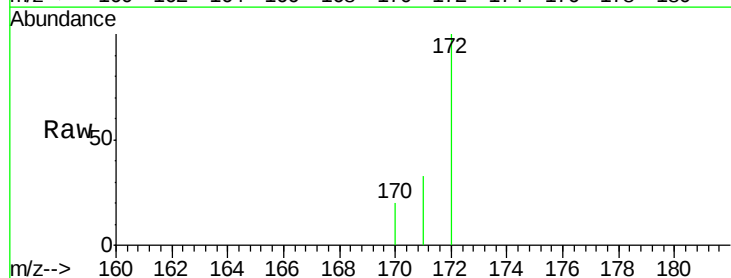


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

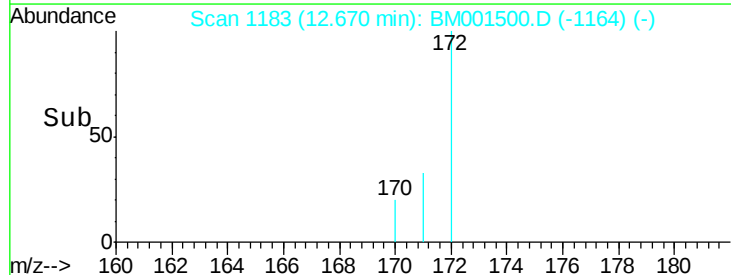
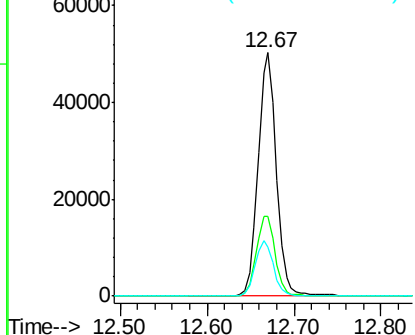


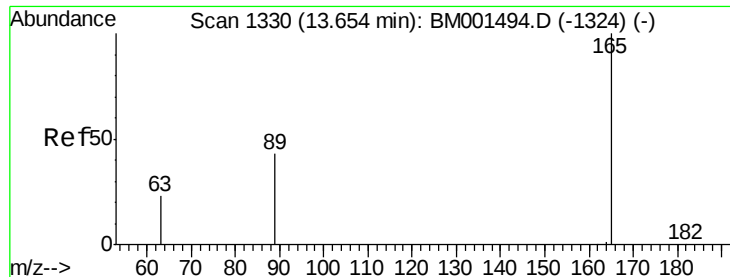
#11
 2-Fluorobiphenyl
 Concen: 10.04 ng
 RT: 12.67 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BM001500.D
 Acq: 31 May 2015 07:30

Tgt Ion:172 Resp: 73827
 Ion Ratio Lower Upper
 172 100
 171 32.9 27.2 40.8
 170 20.4 17.8 26.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

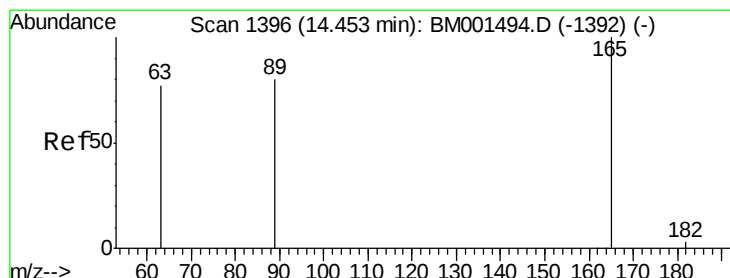
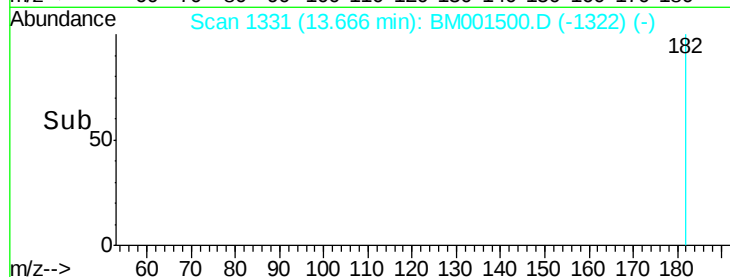
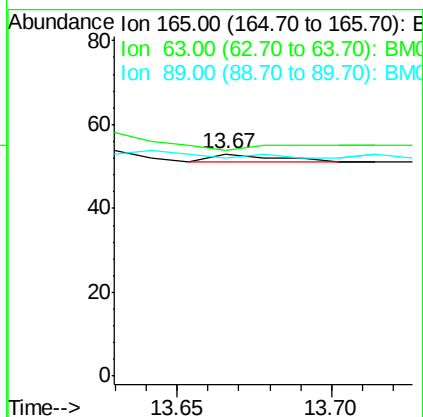
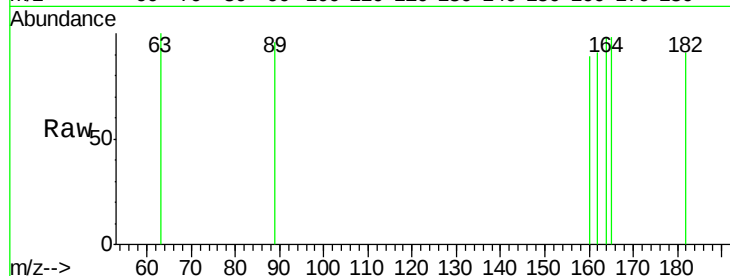




#12
 2,6-Dinitrotoluene
 Concen: 0.19 ng
 RT: 13.67 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: BM001500.D
 Acq: 31 May 2015 07:30

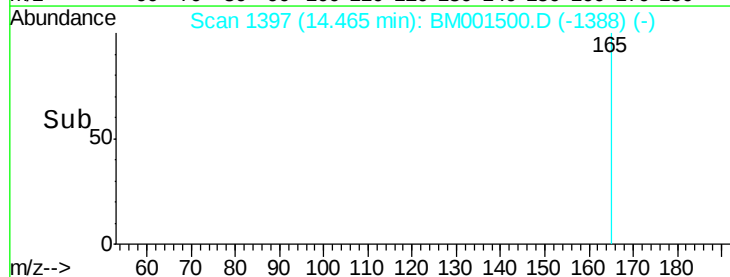
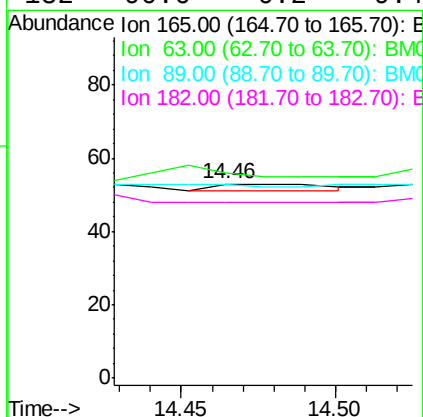
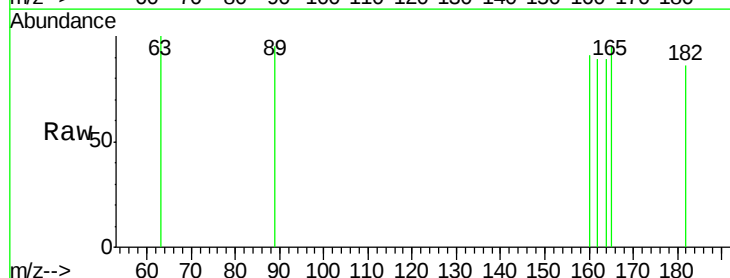
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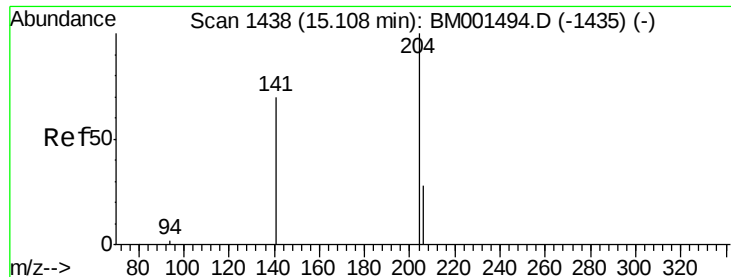
Tgt Ion:165 Resp: 3
 Ion Ratio Lower Upper
 165 100
 63 101.9 35.3 52.9#
 89 98.1 37.4 56.2#



#13
 2,4-Dinitrotoluene
 Concen: 0.28 ng
 RT: 14.46 min Scan# 1397
 Delta R.T. 0.01 min
 Lab File: BM001500.D
 Acq: 31 May 2015 07:30

Tgt Ion:165 Resp: 5
 Ion Ratio Lower Upper
 165 100
 63 105.7 63.9 95.9#
 89 100.0 65.0 97.6#
 182 90.6 6.2 9.4#

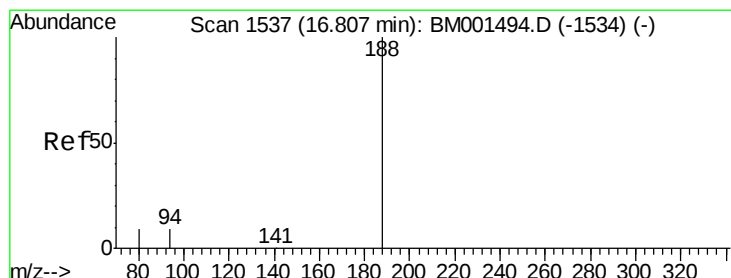
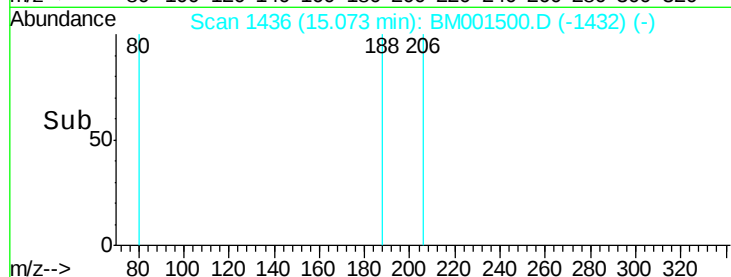
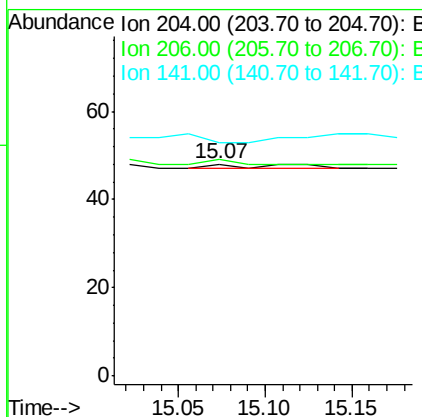
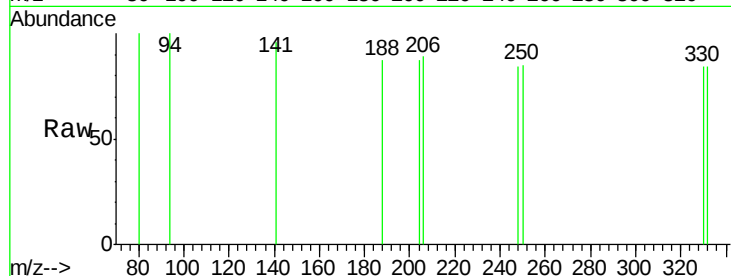




#14
4-Chlorophenyl-phenylether
Concen: 0.00 ng
RT: 15.07 min Scan# 1436
Delta R.T. -0.03 min
Lab File: BM001500.D
Acq: 31 May 2015 07:30

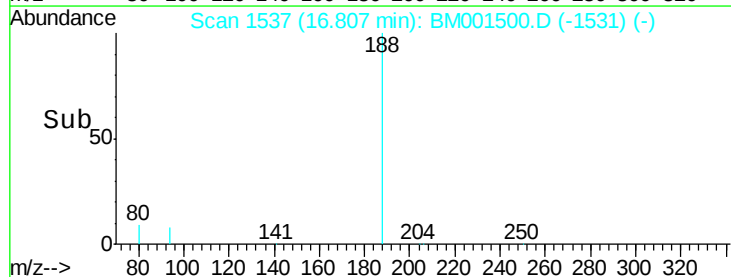
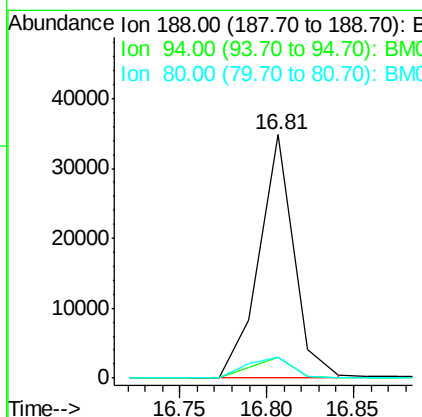
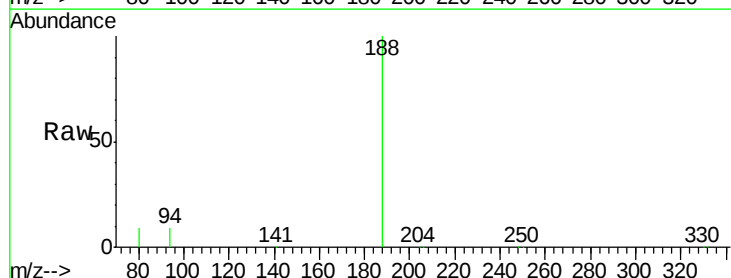
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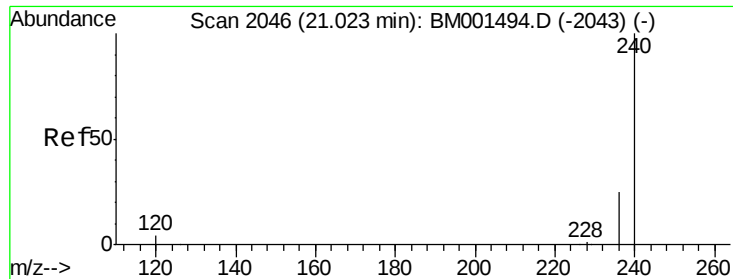
Tgt Ion: 204 Resp: 3
Ion Ratio Lower Upper
204 100
206 102.1 23.8 35.6#
141 110.4 56.6 85.0#



#15
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.81 min Scan# 1537
Delta R.T. -0.00 min
Lab File: BM001500.D
Acq: 31 May 2015 07:30

Tgt Ion: 188 Resp: 48868
Ion Ratio Lower Upper
188 100
94 8.6 7.1 10.7
80 8.8 7.3 10.9

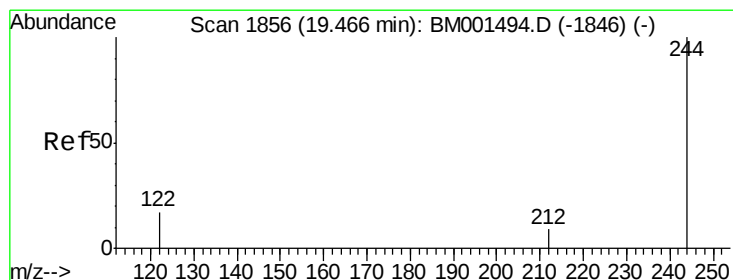
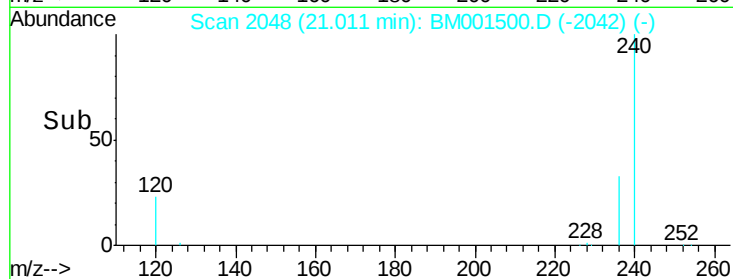
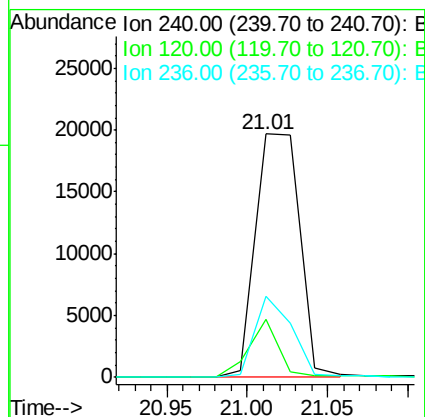
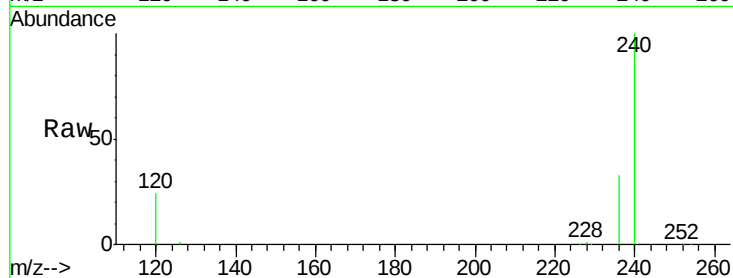




#17
Chrysene-d12
Concen: 5.00 ng
RT: 21.01 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BM001500.D
Acq: 31 May 2015 07:30

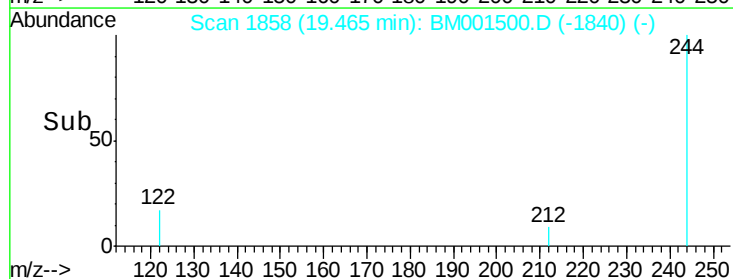
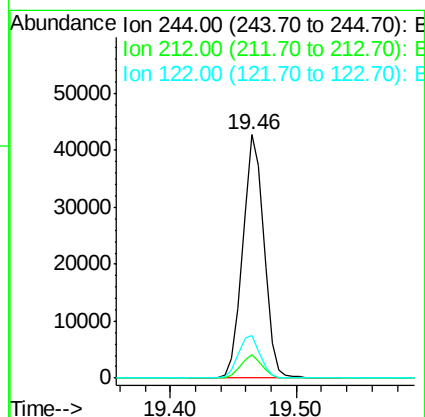
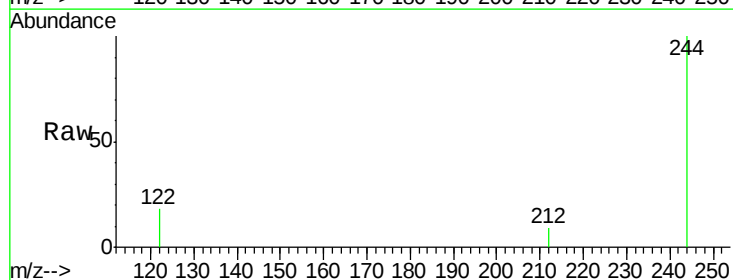
Instrument :
BNA_M
ClientSampleId :
FG-SP-001-150528

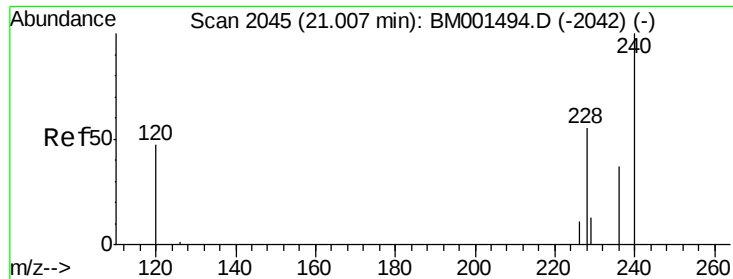
Tgt Ion:240 Resp: 37612
Ion Ratio Lower Upper
240 100
120 23.8 3.7 5.5#
236 33.4 19.8 29.8#



#18
Terphenyl-d14
Concen: 9.90 ng
RT: 19.46 min Scan# 1858
Delta R.T. -0.00 min
Lab File: BM001500.D
Acq: 31 May 2015 07:30

Tgt Ion:244 Resp: 49772
Ion Ratio Lower Upper
244 100
212 9.5 8.0 12.0
122 17.6 14.1 21.1





#19

Benzo(a)anthracene

Concen: 0.02 ng

RT: 21.01 min Scan# 2048

Delta R.T. 0.00 min

Lab File: BM001500.D

Acq: 31 May 2015 07:30

Instrument :

BNA_M

ClientSampleId :

FG-SP-001-150528

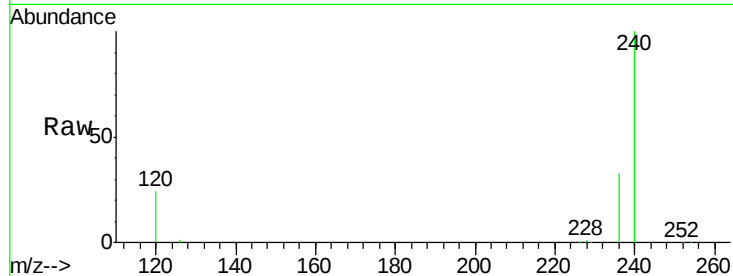
Tgt Ion:228 Resp: 181

Ion Ratio Lower Upper

228 100

226 45.2 17.5 26.3#

229 52.9 19.0 28.4#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

21.01

150

100

50

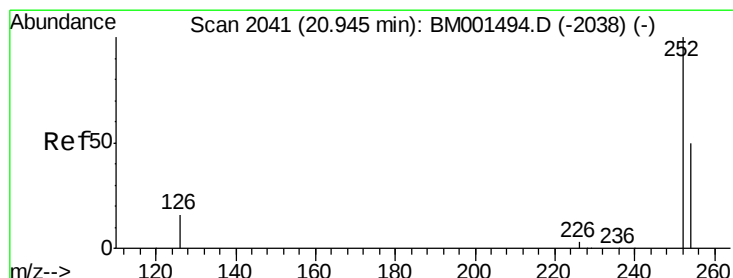
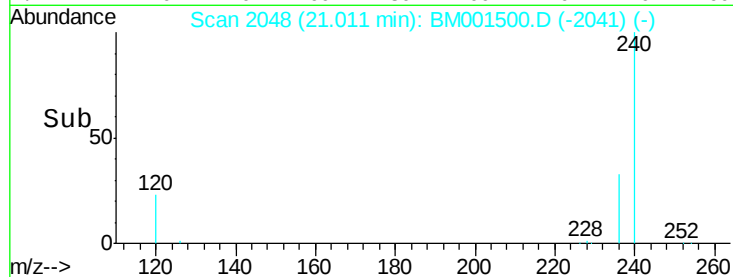
0

20.95

21.00

21.05

Time-->



#20

3,3'-Dichlorobenzidine

Concen: 0.00 ng

RT: 20.95 min Scan# 2044

Delta R.T. 0.00 min

Lab File: BM001500.D

Acq: 31 May 2015 07:30

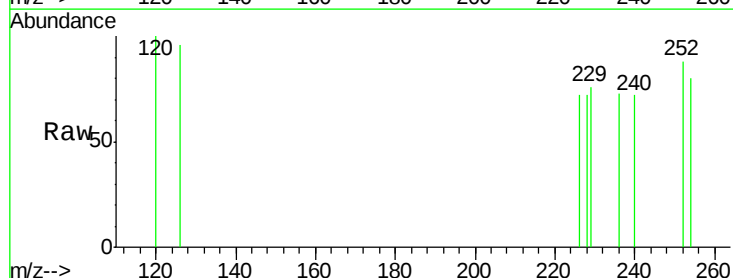
Tgt Ion:252 Resp: 7

Ion Ratio Lower Upper

252 100

254 90.9 41.2 61.8#

126 109.1 14.7 22.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

20.95

120

100

80

60

40

20

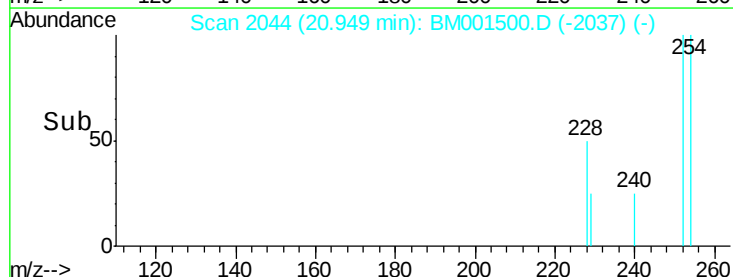
0

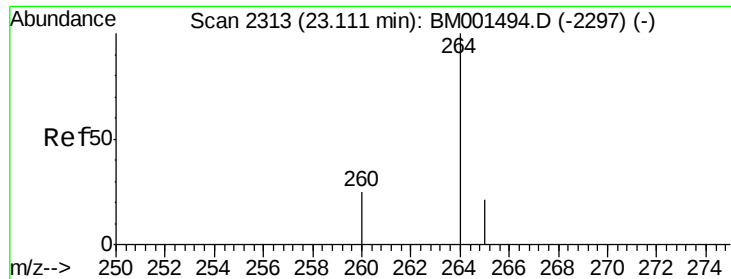
20.85

20.90

20.95

Time-->





#21
Perylene-d12
Concen: 5.00 ng
RT: 23.11 min Scan# 2317
Delta R.T. -0.00 min
Lab File: BM001500.D
Acq: 31 May 2015 07:30

Instrument :
BNA_M
ClientSampleId :
FG-SP-001-150528

Tgt Ion: 264 Resp: 34797
Ion Ratio Lower Upper
264 100
260 24.7 19.8 29.8
265 22.1 18.0 27.0

