

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052815\
 Data File : BM001427.D
 Acq On : 28 May 2015 12:32
 Operator : TP/IZ
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.8

Quant Time: May 28 15:27:06 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM052815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 15:25:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	11890	5.00	ng	0.00
6) Naphthalene-d8	10.16	136	37743	5.00	ng	0.00
9) Acenaphthene-d10	14.07	164	22665	5.00	ng	0.00
15) Phenanthrene-d10	16.81	188	52431	5.00	ng	0.00
17) Chrysene-d12	21.03	240	47230	5.00	ng	0.00
21) Perylene-d12	23.12	264	40773	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 2-Fluorophenol	4.98	112	1442	0.76	ng	0.00
3) Phenol-d6	6.57	99	1477	0.76	ng	-0.03
7) Nitrobenzene-d5	8.53	82	1583	0.77	ng	0.00
10) 2,4,6-Tribromophenol	15.58	330	520	0.75	ng	0.00
11) 2-Fluorobiphenyl	12.68	172	5160	0.81	ng	0.00
18) Terphenyl-d14	19.48	244	4767	0.82	ng	0.00

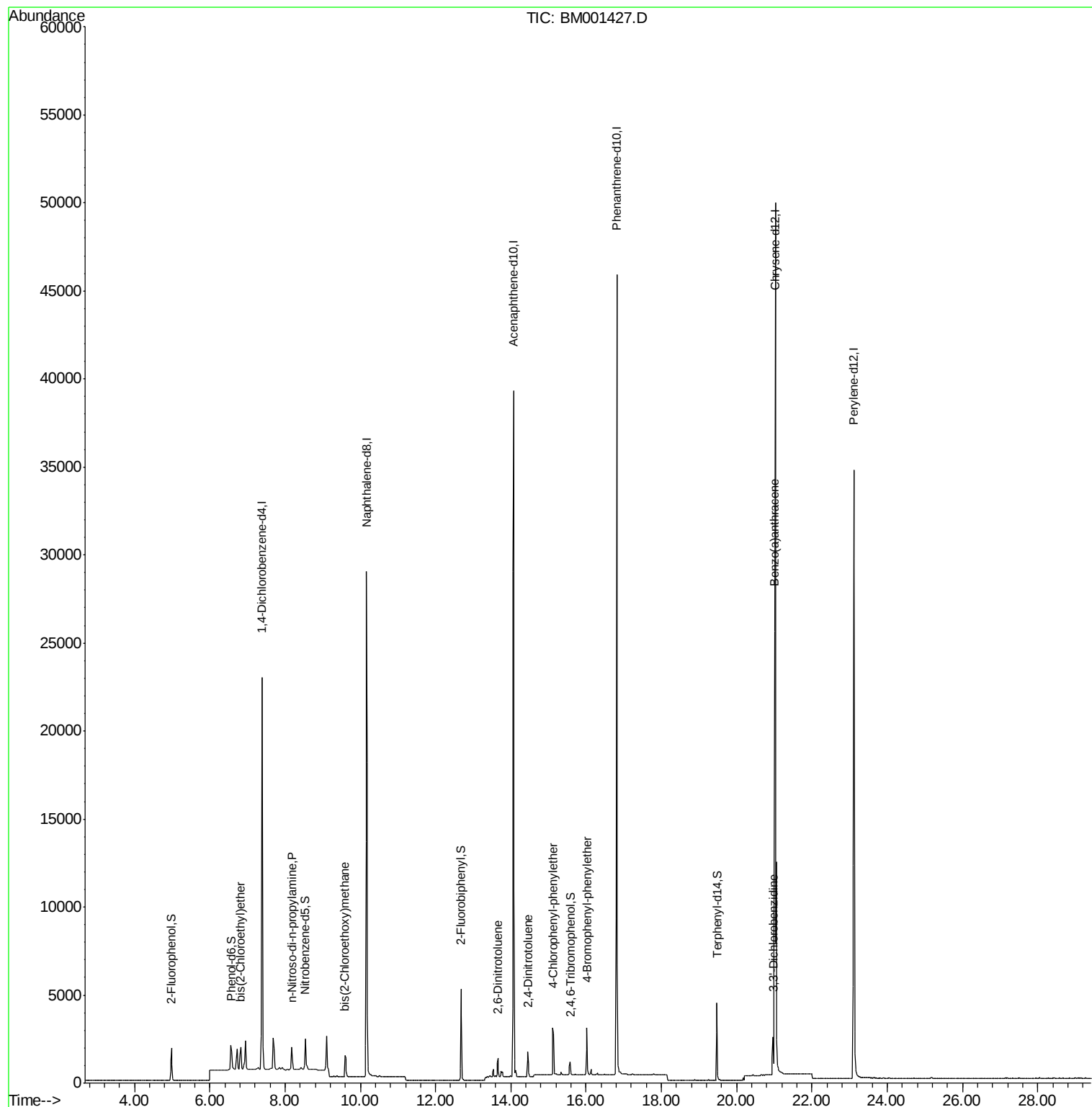
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) bis(2-Chloroethyl)ether	6.82	93	1592	0.74	ng	100
5) n-Nitroso-di-n-propylamine	8.18	70	1002	0.81	ng	95
8) bis(2-Chloroethoxy)methane	9.60	93	1623	0.80	ng	96
12) 2,6-Dinitrotoluene	13.66	165	693	0.73	ng	# 61
13) 2,4-Dinitrotoluene	14.46	165	780	0.70	ng	92
14) 4-Chlorophenyl-phenylether	15.13	204	2772	0.80	ng	89
16) 4-Bromophenyl-phenylether	16.02	248	1625	0.79	ng	# 80
19) Benzo(a)anthracene	21.01	228	9116	3.17	ng	100
20) 3,3'-Dichlorobenzidine	20.96	252	2091	0.70	ng	95

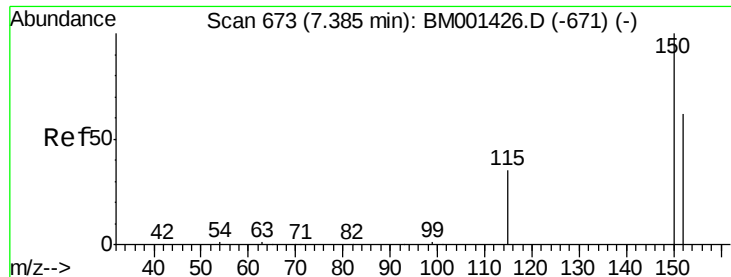
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM001427.D

Acq: 28 May 2015 12:32

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

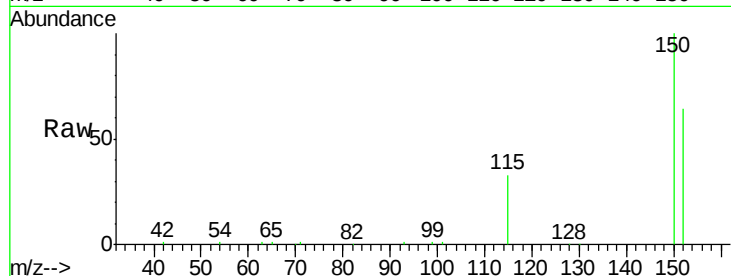
Tgt Ion:152 Resp: 11890

Ion Ratio Lower Upper

152 100

150 157.4 128.4 192.6

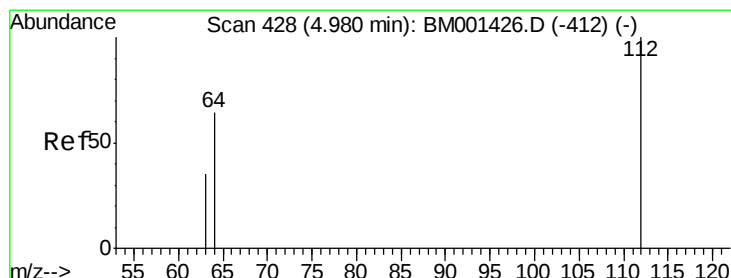
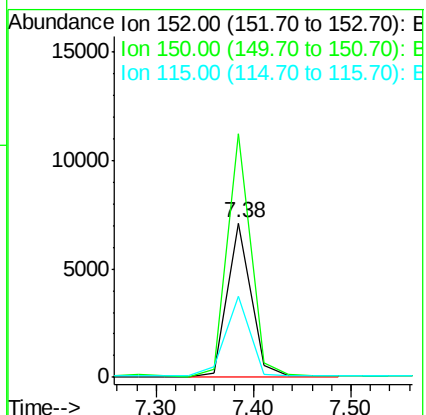
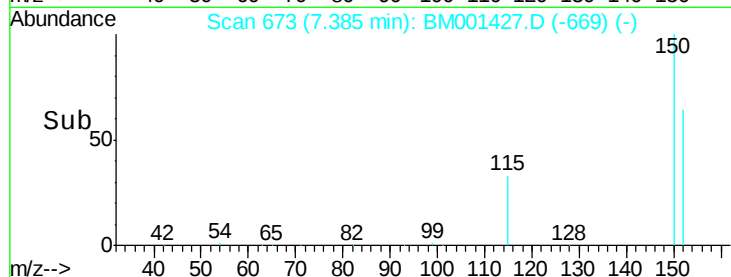
115 52.1 45.6 68.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

2-Fluorophenol

Concen: 0.76 ng

RT: 4.98 min Scan# 428

Delta R.T. -0.00 min

Lab File: BM001427.D

Acq: 28 May 2015 12:32

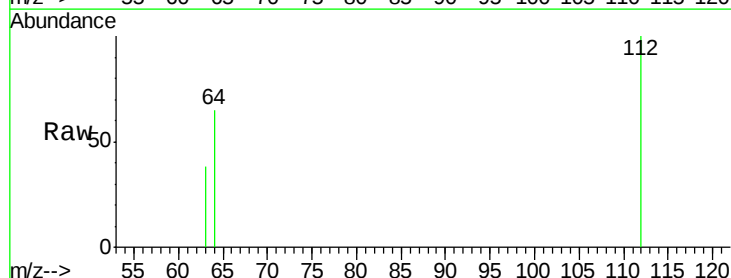
Tgt Ion:112 Resp: 1442

Ion Ratio Lower Upper

112 100

64 65.5 52.1 78.1

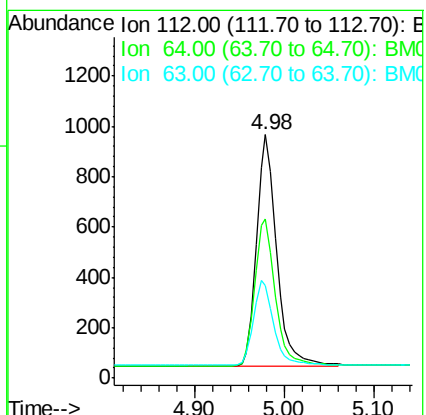
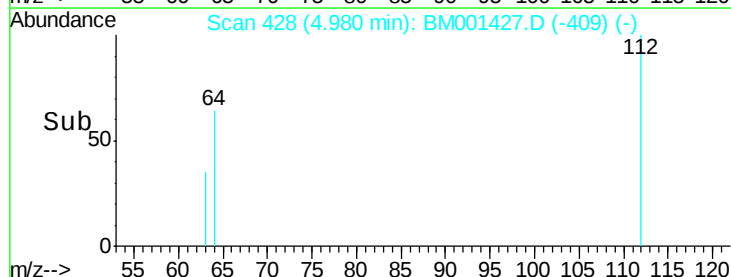
63 38.1 30.2 45.2

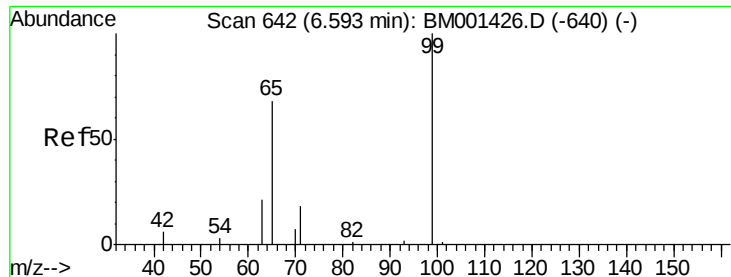


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#3

Phenol-d6

Concen: 0.76 ng

RT: 6.57 min Scan# 641

Delta R.T. -0.03 min

Lab File: BM001427.D

Acq: 28 May 2015 12:32

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

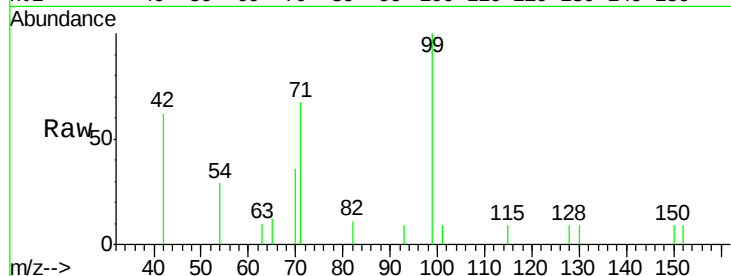
Tgt Ion: 99 Resp: 1477

Ion Ratio Lower Upper

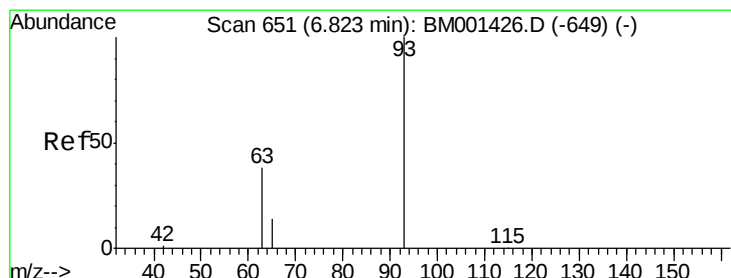
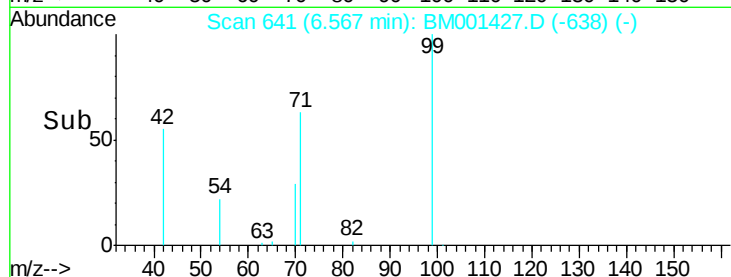
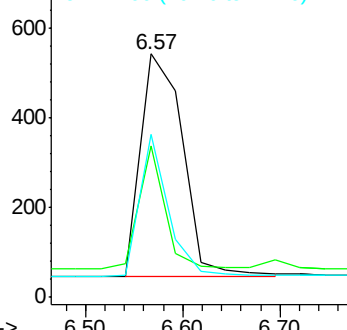
99 100

42 62.2 13.7 20.5#

71 66.8 19.8 29.6#



Abundance Ion 99.00 (98.70 to 99.70): BM001427.D (-638) (-)



#4

bis(2-Chloroethyl)ether

Concen: 0.74 ng

RT: 6.82 min Scan# 651

Delta R.T. -0.00 min

Lab File: BM001427.D

Acq: 28 May 2015 12:32

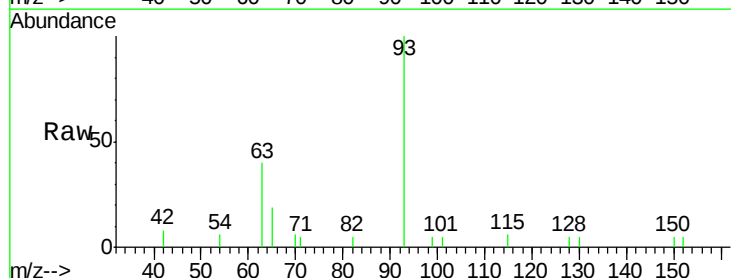
Tgt Ion: 93 Resp: 1592

Ion Ratio Lower Upper

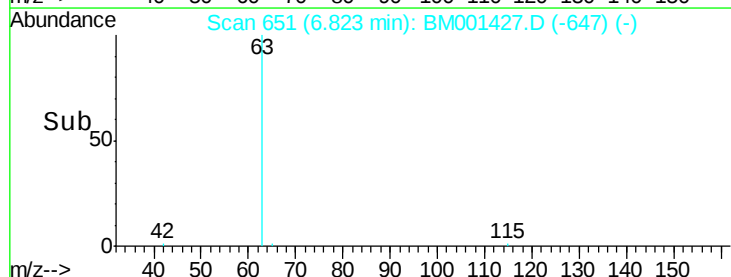
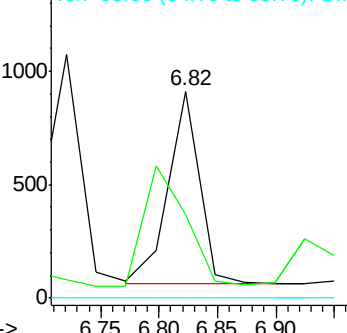
93 100

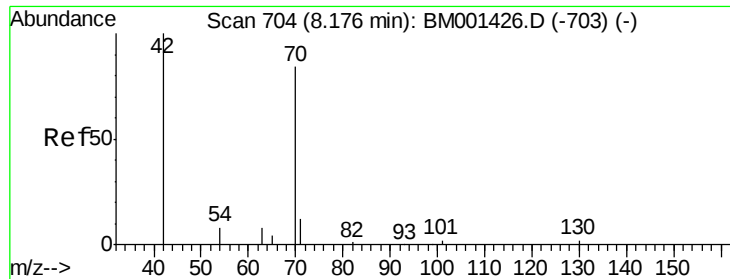
63 40.2 20.0 60.0

95 0.0 0.0 20.0



Abundance Ion 93.00 (92.70 to 93.70): BM001427.D (-647) (-)





#5

n-Nitroso-di-n-propylamine

Concen: 0.81 ng

RT: 8.18 min Scan# 704

Delta R.T. -0.00 min

Lab File: BM001427.D

Acq: 28 May 2015 12:32

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

Tgt Ion: 70 Resp: 1002

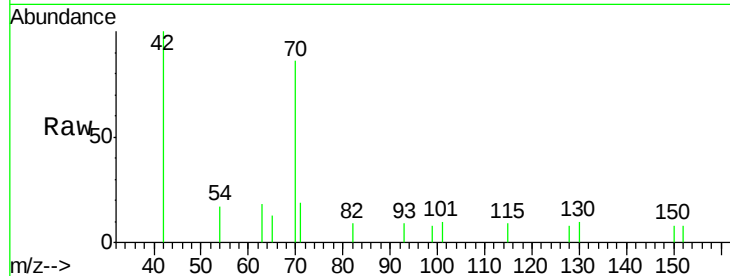
Ion Ratio Lower Upper

70 100

42 116.3 97.8 146.6

101 11.7 8.2 12.2

130 11.1 7.5 11.3

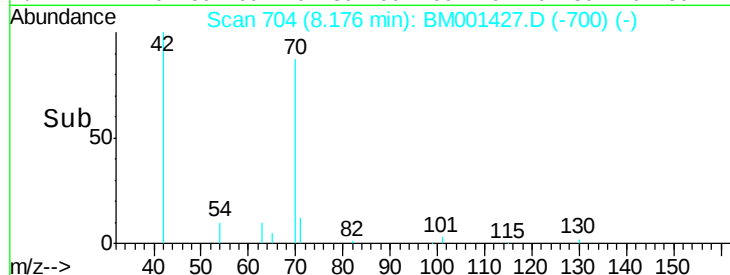
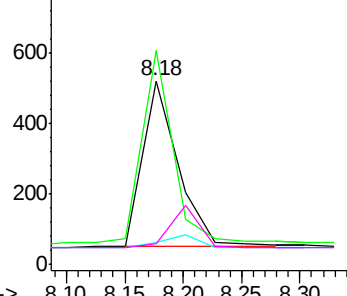


Abundance Ion 70.00 (69.70 to 70.70): BM001427.D (-703) (-)

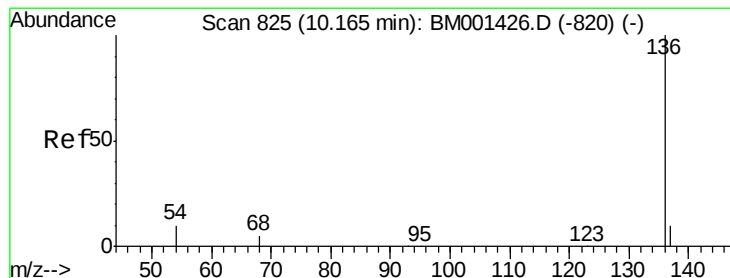
Ion 42.00 (41.70 to 42.70): BM001427.D (-703) (-)

Ion 101.00 (100.70 to 101.70): BM001427.D (-703) (-)

Ion 130.00 (129.70 to 130.70): BM001427.D (-703) (-)



Time-->



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.16 min Scan# 825

Delta R.T. -0.00 min

Lab File: BM001427.D

Acq: 28 May 2015 12:32

Tgt Ion: 136 Resp: 37743

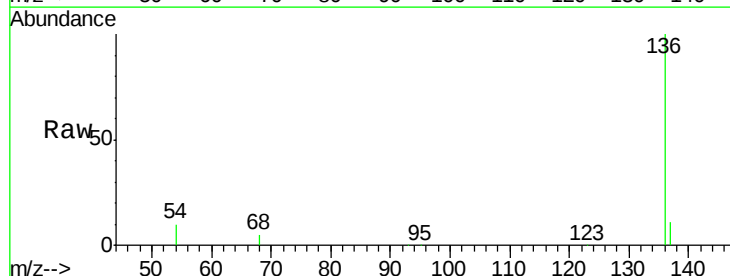
Ion Ratio Lower Upper

136 100

137 10.7 8.3 12.5

54 9.7 8.2 12.4

68 5.3 4.5 6.7

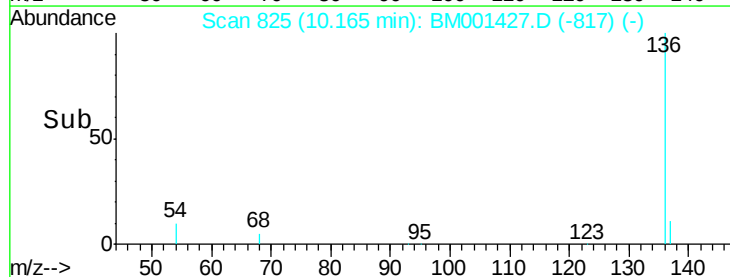
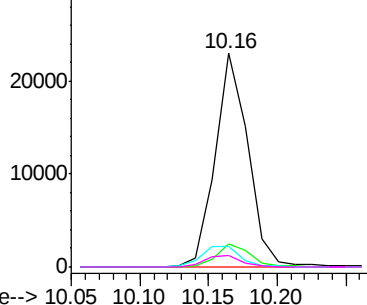


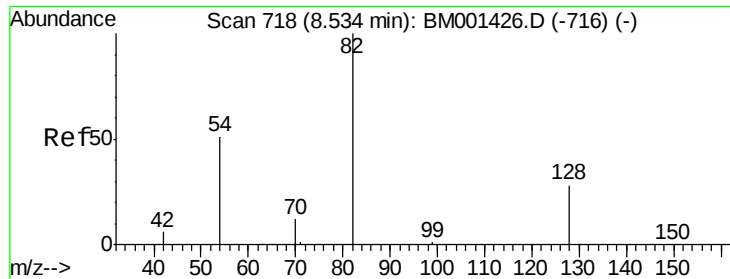
Abundance Ion 136.00 (135.70 to 136.70): BM001427.D (-817) (-)

Ion 137.00 (136.70 to 137.70): BM001427.D (-817) (-)

Ion 54.00 (53.70 to 54.70): BM001427.D (-817) (-)

Ion 68.00 (67.70 to 68.70): BM001427.D (-817) (-)





#7

Nitrobenzene-d5

Concen: 0.77 ng

RT: 8.53 min Scan# 718

Delta R.T. -0.00 min

Lab File: BM001427.D

Acq: 28 May 2015 12:32

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

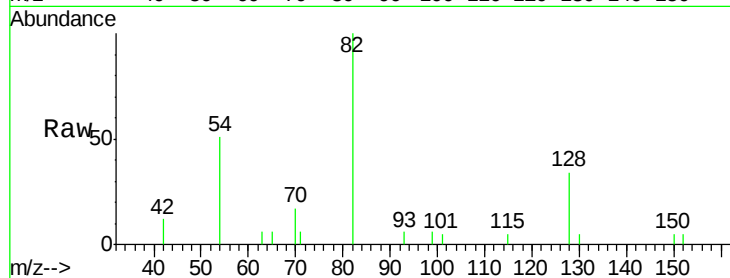
Tgt Ion: 82 Resp: 1583

Ion Ratio Lower Upper

82 100

128 34.2 24.4 36.6

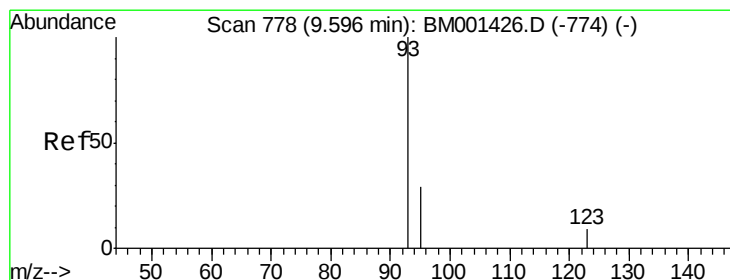
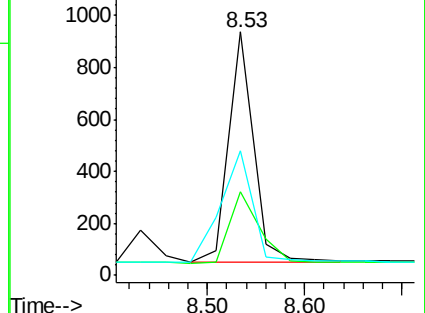
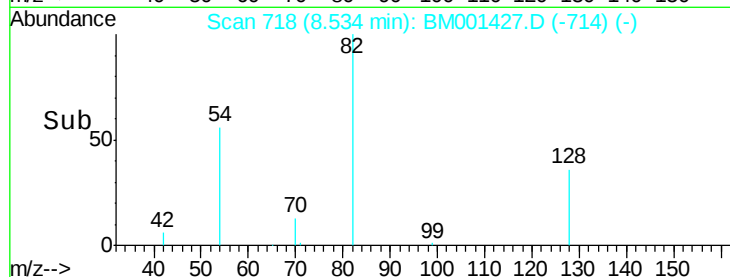
54 51.1 42.3 63.5



Abundance Ion 82.00 (81.70 to 82.70): BM001427.D (-714) (-)

Ion 128.00 (127.70 to 128.70): BM001427.D (-714) (-)

Ion 54.00 (53.70 to 54.70): BM001427.D (-714) (-)



#8

bis(2-Chloroethoxy)methane

Concen: 0.80 ng

RT: 9.60 min Scan# 778

Delta R.T. -0.00 min

Lab File: BM001427.D

Acq: 28 May 2015 12:32

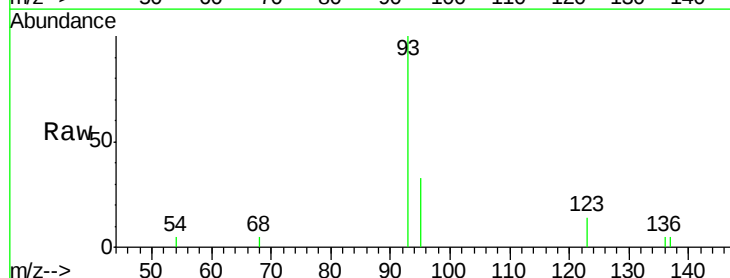
Tgt Ion: 93 Resp: 1623

Ion Ratio Lower Upper

93 100

95 33.4 25.3 37.9

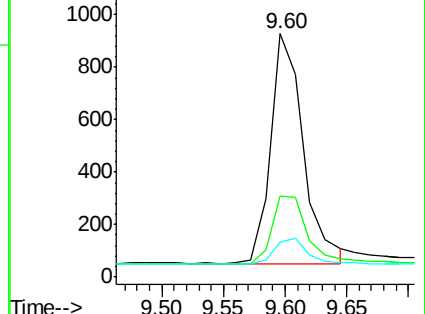
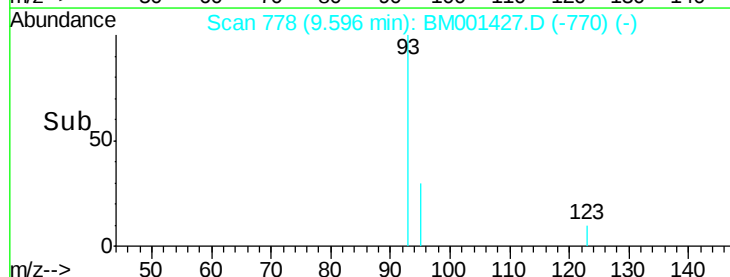
123 14.4 10.2 15.2

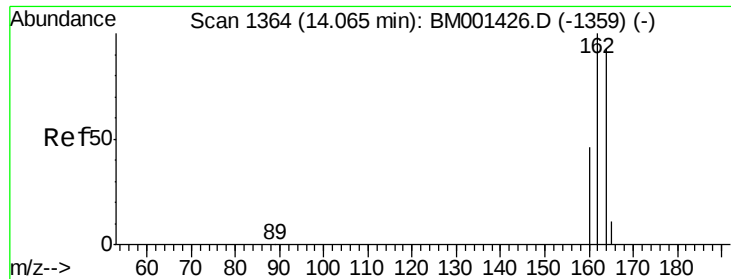


Abundance Ion 93.00 (92.70 to 93.70): BM001427.D (-770) (-)

Ion 95.00 (94.70 to 95.70): BM001427.D (-770) (-)

Ion 123.00 (122.70 to 123.70): BM001427.D (-770) (-)





#9

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.07 min Scan# 1365

Delta R.T. 0.01 min

Lab File: BM001427.D

Acq: 28 May 2015 12:32

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

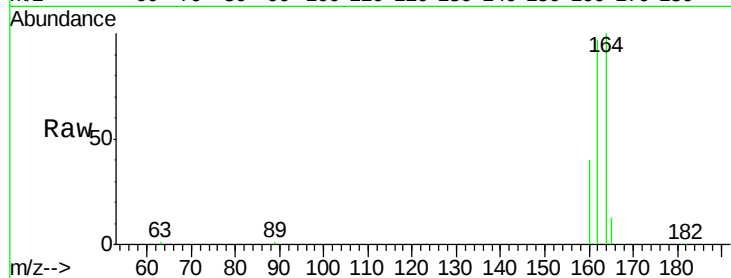
Tgt Ion:164 Resp: 22665

Ion Ratio Lower Upper

164 100

162 96.8 86.2 129.2

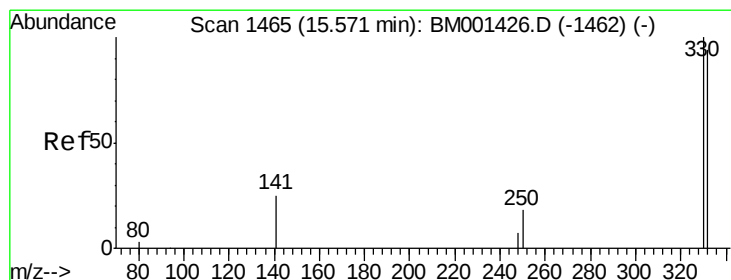
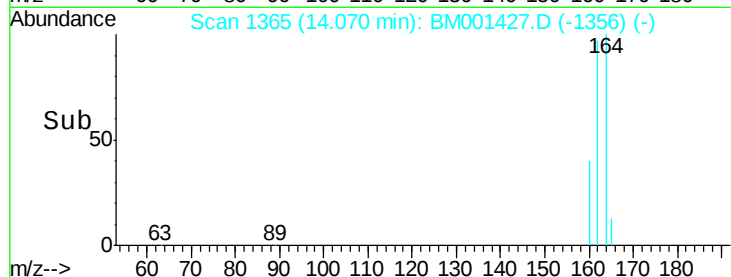
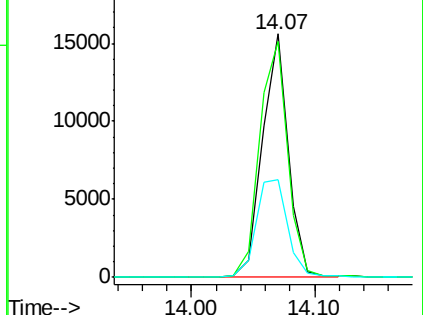
160 40.2 39.4 59.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#10

2,4,6-Tribromophenol

Concen: 0.75 ng

RT: 15.58 min Scan# 1466

Delta R.T. 0.01 min

Lab File: BM001427.D

Acq: 28 May 2015 12:32

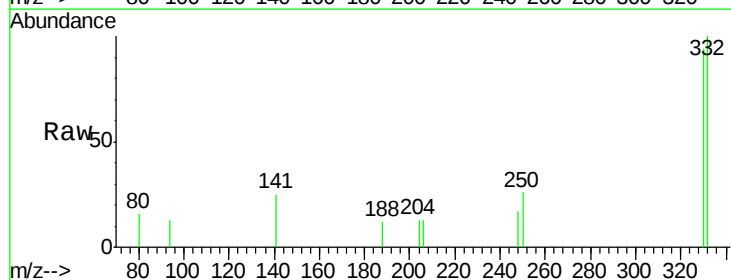
Tgt Ion:330 Resp: 520

Ion Ratio Lower Upper

330 100

332 97.3 76.3 114.5

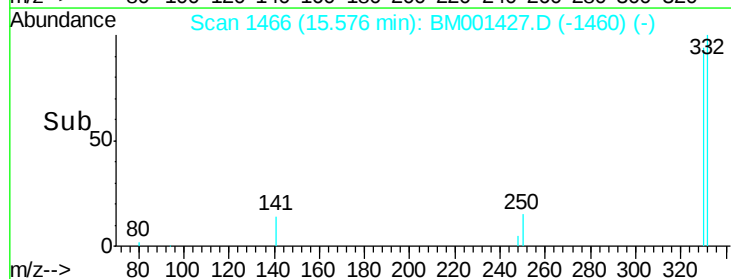
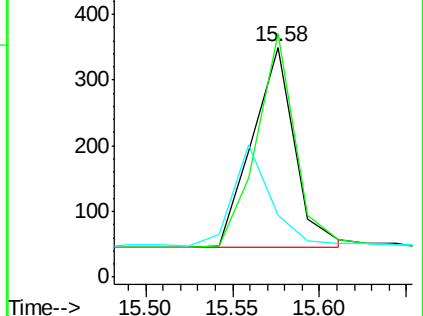
141 45.0 35.0 52.4

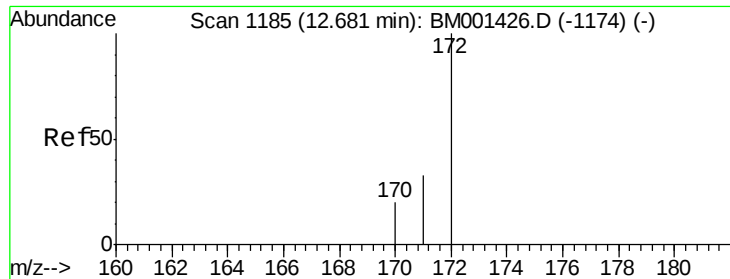


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

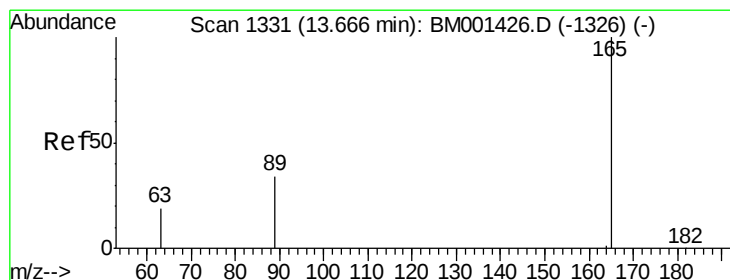
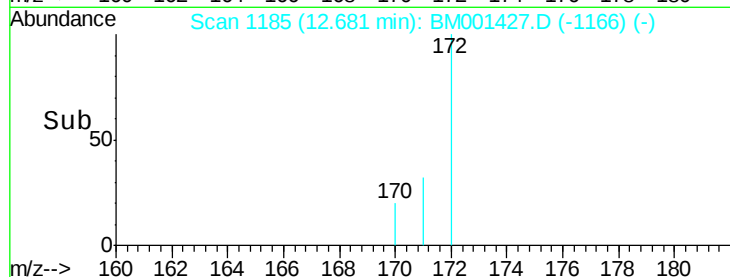
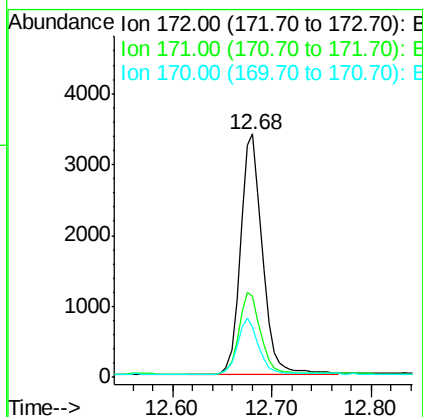
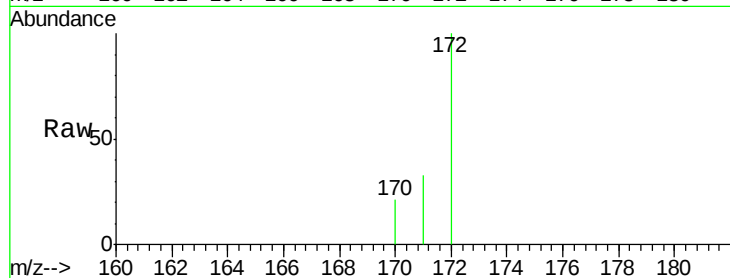




#11
2-Fluorobiphenyl
Concen: 0.81 ng
RT: 12.68 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BM001427.D
Acq: 28 May 2015 12:32

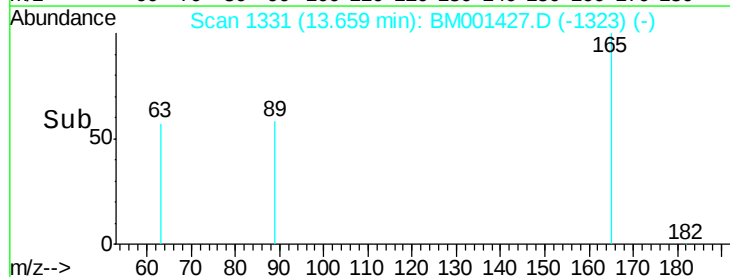
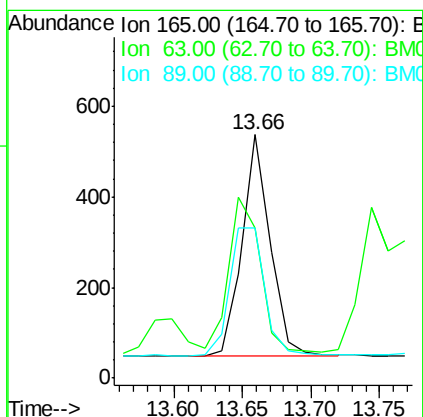
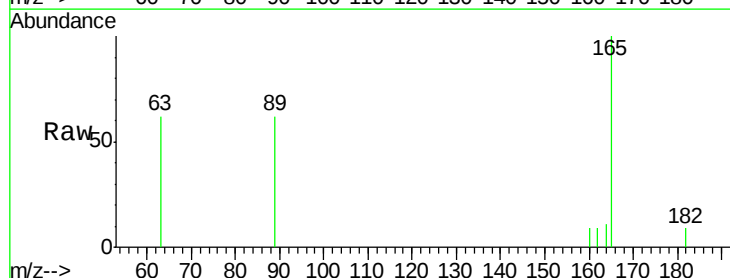
Instrument :
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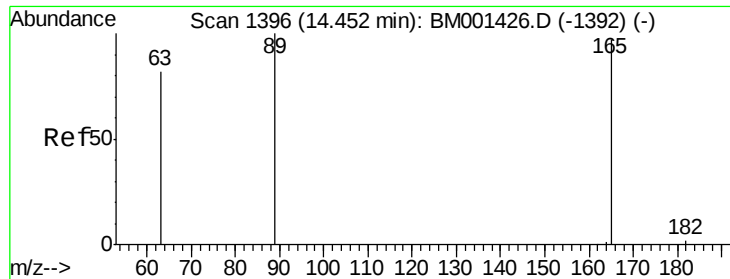
Tgt Ion:172 Resp: 5160
Ion Ratio Lower Upper
172 100
171 33.2 26.9 40.3
170 20.9 17.1 25.7



#12
2,6-Dinitrotoluene
Concen: 0.73 ng
RT: 13.66 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BM001427.D
Acq: 28 May 2015 12:32

Tgt Ion:165 Resp: 693
Ion Ratio Lower Upper
165 100
63 61.6 29.1 43.7#
89 61.8 32.1 48.1#

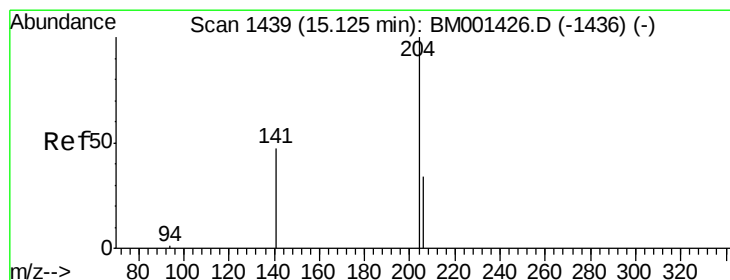
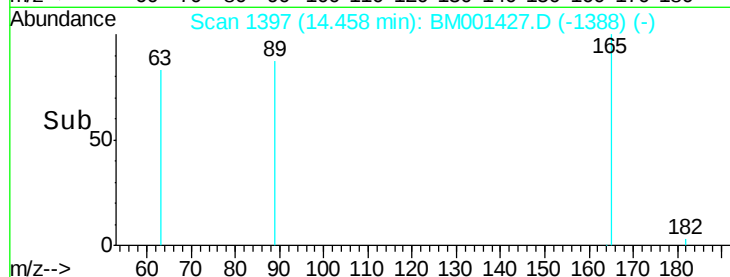
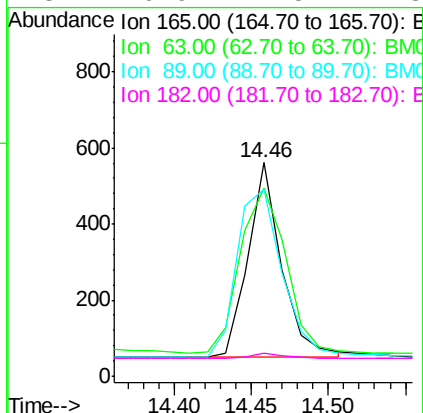
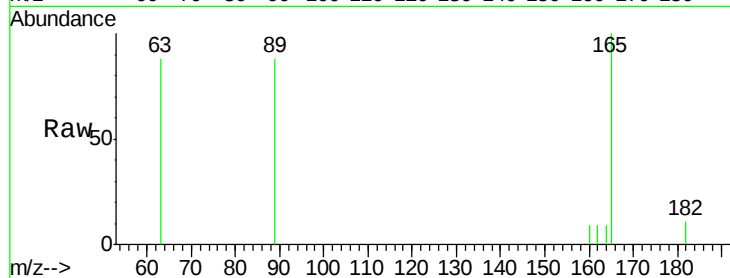




#13
2,4-Dinitrotoluene
Concen: 0.70 ng
RT: 14.46 min Scan# 1397
Delta R.T. 0.01 min
Lab File: BM001427.D
Acq: 28 May 2015 12:32

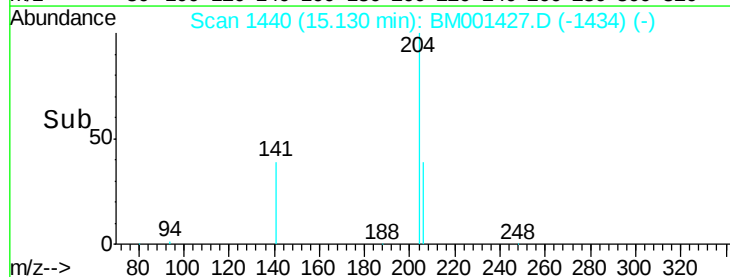
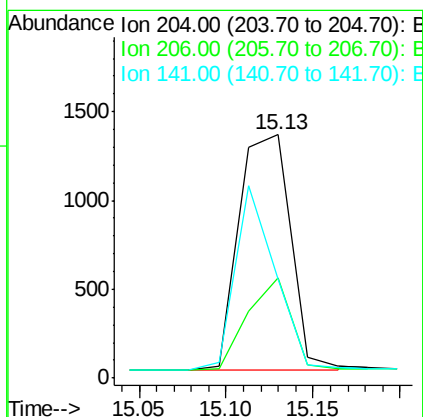
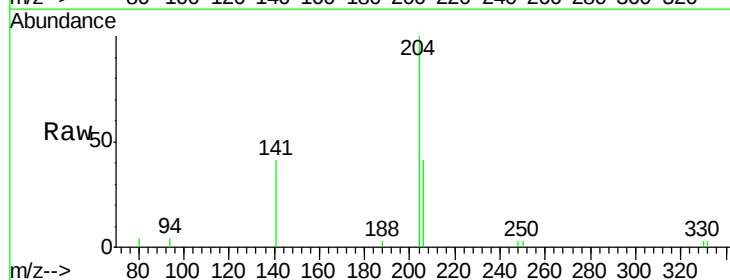
Instrument :
BNA_M
ClientSampleId :
SSTDIC0.8

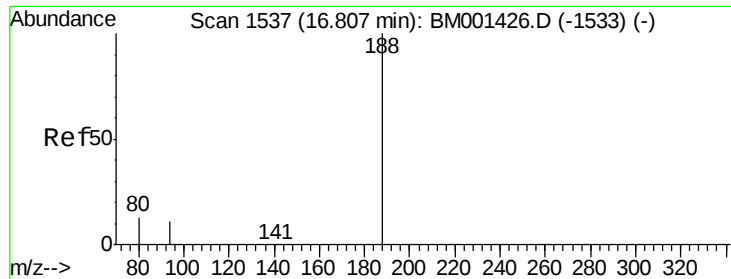
Tgt Ion:165 Resp: 780
Ion Ratio Lower Upper
165 100
63 88.2 70.6 105.8
89 87.7 82.4 123.6
182 10.9 7.5 11.3



#14
4-Chlorophenyl-phenylether
Concen: 0.80 ng
RT: 15.13 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BM001427.D
Acq: 28 May 2015 12:32

Tgt Ion:204 Resp: 2772
Ion Ratio Lower Upper
204 100
206 41.4 27.8 41.8
141 40.8 38.2 57.4





#15

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.81 min Scan# 1538

Delta R.T. 0.01 min

Lab File: BM001427.D

Acq: 28 May 2015 12:32

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.8

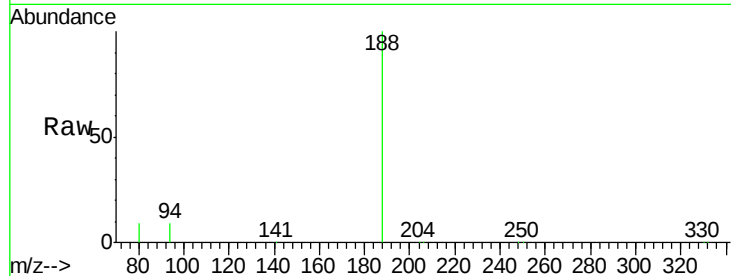
Tgt Ion:188 Resp: 52431

Ion Ratio Lower Upper

188 100

94 8.7 9.0 13.4#

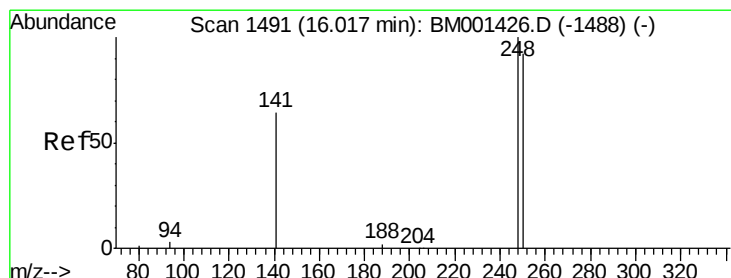
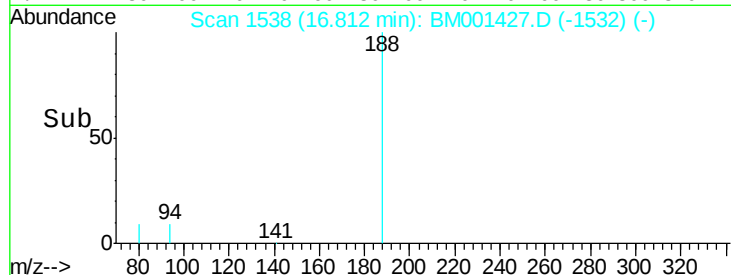
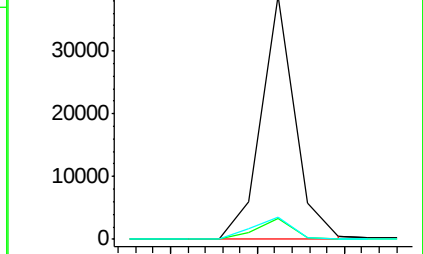
80 8.9 10.6 15.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#16

4-Bromophenyl-phenylether

Concen: 0.79 ng

RT: 16.02 min Scan# 1492

Delta R.T. 0.01 min

Lab File: BM001427.D

Acq: 28 May 2015 12:32

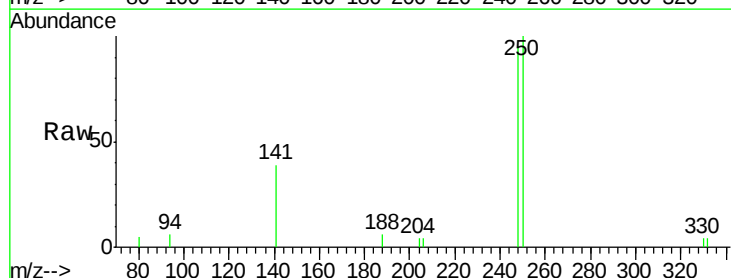
Tgt Ion:248 Resp: 1625

Ion Ratio Lower Upper

248 100

250 105.5 74.1 111.1

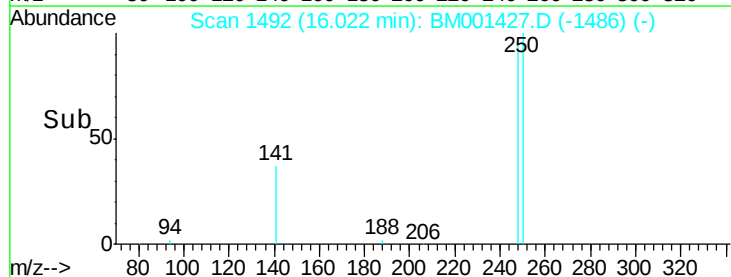
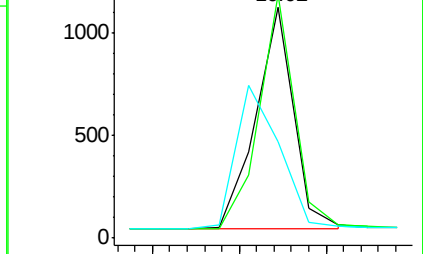
141 41.5 52.4 78.6#

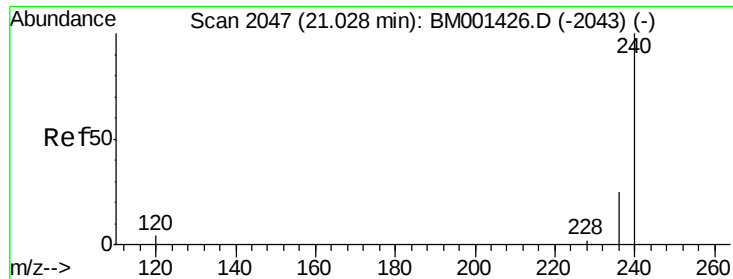


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

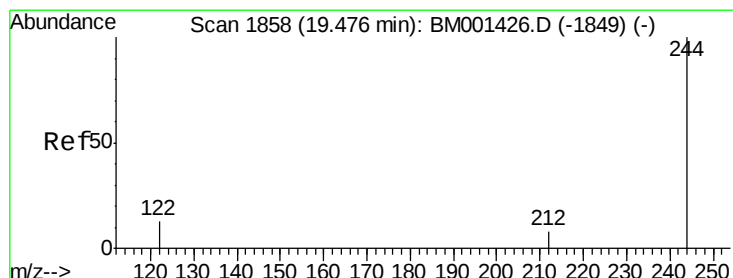
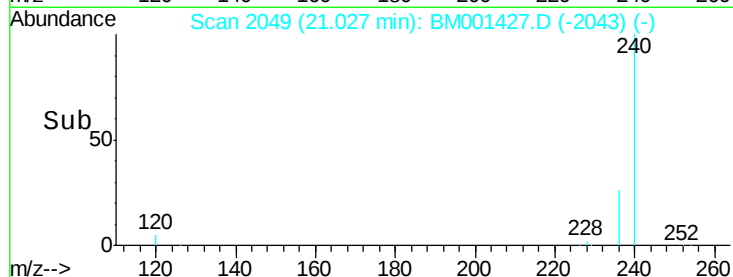
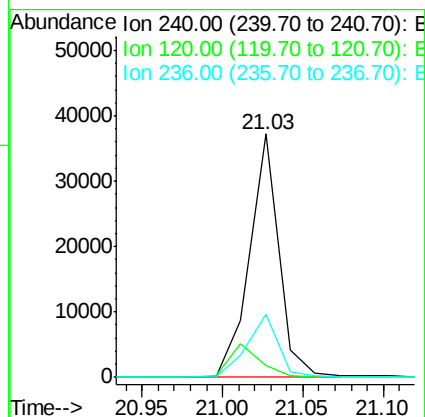
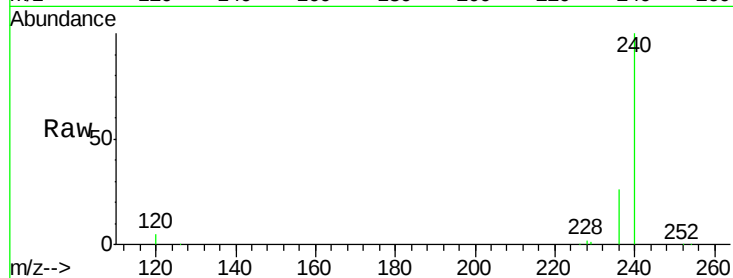




#17
Chrysene-d12
Concen: 5.00 ng
RT: 21.03 min Scan# 2049
Delta R.T. -0.00 min
Lab File: BM001427.D
Acq: 28 May 2015 12:32

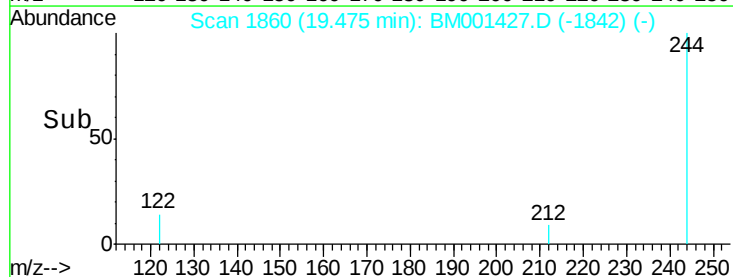
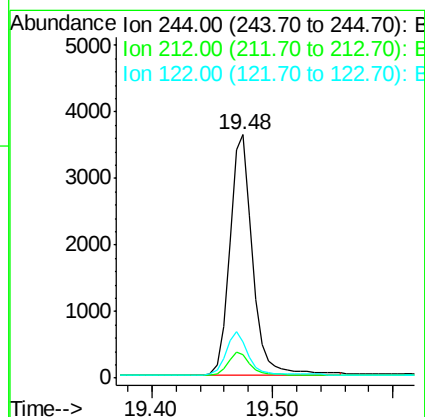
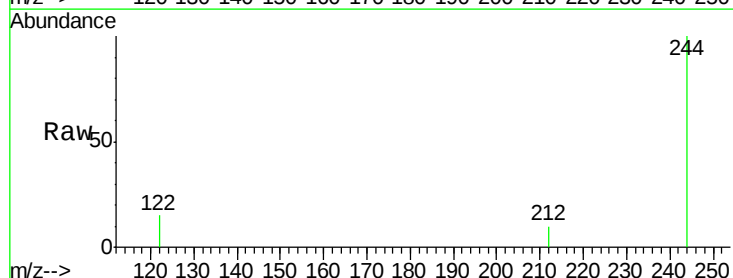
Instrument :
BNA_M
ClientSampleId :
SSTDIC0.8

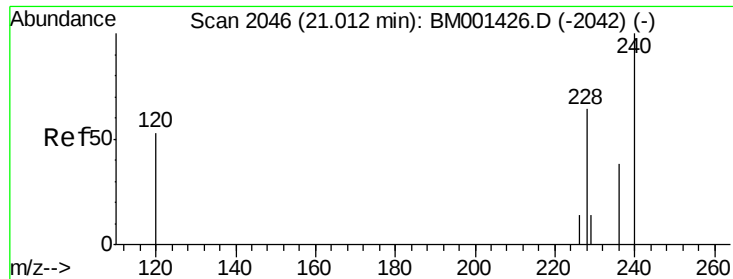
Tgt Ion:240 Resp: 47230
Ion Ratio Lower Upper
240 100
120 5.0 3.2 4.8#
236 25.7 19.8 29.6



#18
Terphenyl-d14
Concen: 0.82 ng
RT: 19.48 min Scan# 1860
Delta R.T. -0.00 min
Lab File: BM001427.D
Acq: 28 May 2015 12:32

Tgt Ion:244 Resp: 4767
Ion Ratio Lower Upper
244 100
212 9.8 7.4 11.2
122 15.1 11.4 17.0





#19

Benzo(a)anthracene

Concen: 3.17 ng

RT: 21.01 min Scan# 2048

Delta R.T. -0.00 min

Lab File: BM001427.D

Acq: 28 May 2015 12:32

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.8

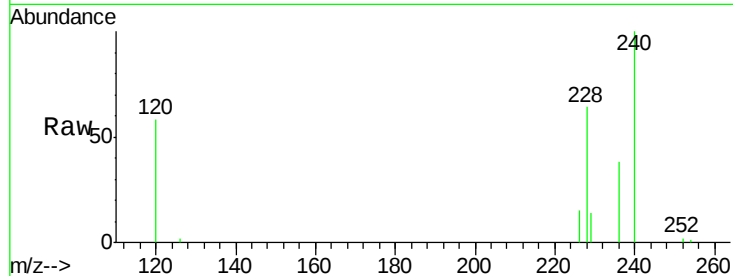
Tgt Ion:228 Resp: 9116

Ion Ratio Lower Upper

228 100

226 23.0 18.2 27.2

229 22.1 17.8 26.8

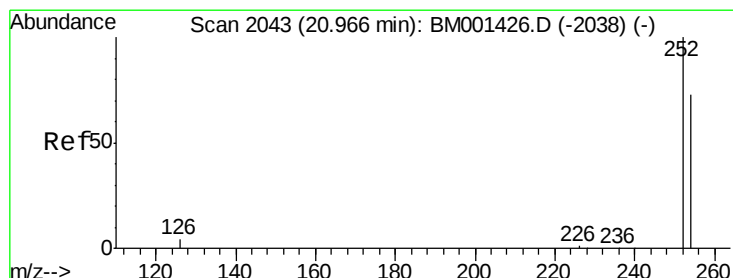
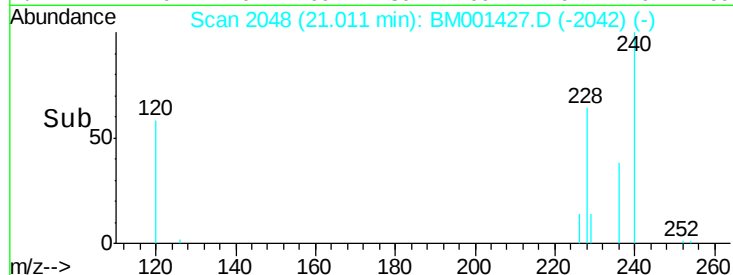
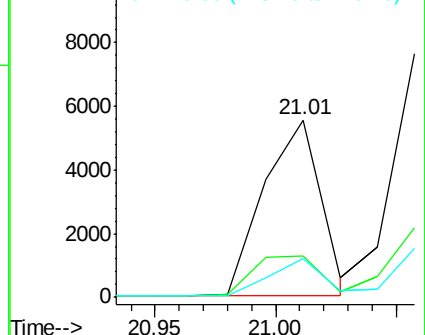


Abundance

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



#20

3,3'-Dichlorobenzidine

Concen: 0.70 ng

RT: 20.96 min Scan# 2045

Delta R.T. -0.00 min

Lab File: BM001427.D

Acq: 28 May 2015 12:32

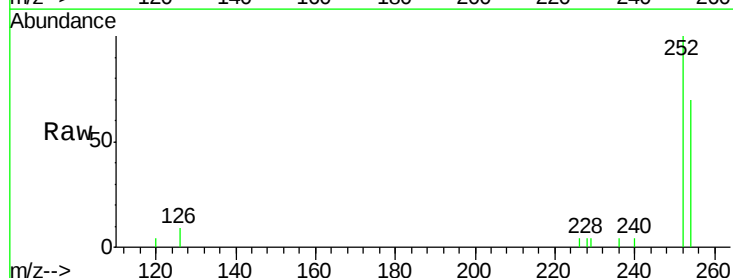
Tgt Ion:252 Resp: 2091

Ion Ratio Lower Upper

252 100

254 69.5 59.0 88.6

126 8.5 5.9 8.9

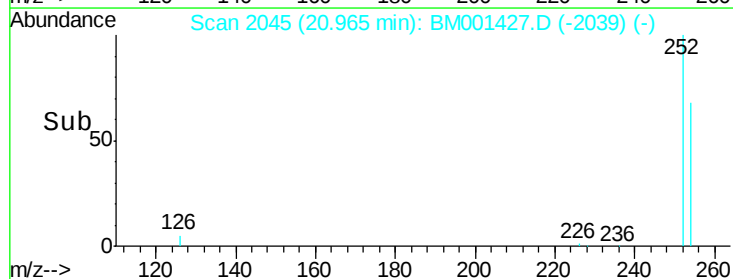
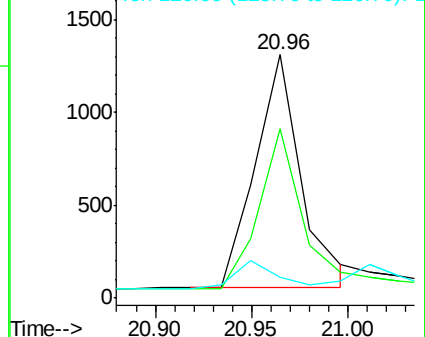


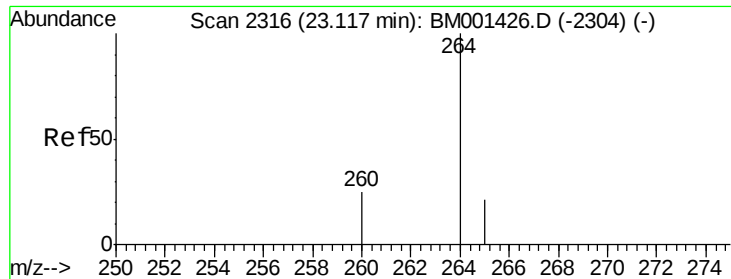
Abundance

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





#21
Perylene-d12
Concen: 5.00 ng
RT: 23.12 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BM001427.D
Acq: 28 May 2015 12:32

Instrument :
BNA_M
ClientSampleId :
SSTDIC0.8

Tgt Ion: 264 Resp: 40773
Ion Ratio Lower Upper
264 100
260 25.1 20.1 30.1
265 21.6 17.3 25.9

