

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122415\
 Data File : BM003761.D
 Acq On : 24 Dec 2015 03:28
 Operator : UM/SJ
 Sample : G4783-02RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 24 06:13:27 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM122415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 24 02:52:28 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	44580	5.00	ng	0.00
7) Naphthalene-d8	10.48	136	191638	5.00	ng	0.00
13) Acenaphthene-d10	14.33	164	109726	5.00	ng	0.00
19) Phenanthrene-d10	17.09	188	201207	5.00	ng	0.03
26) Chrysene-d12	21.29	240	179645	5.00	ng	0.00
35) Perylene-d12	23.52	264	145874	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.27	112	32018	3.15	ng	0.00
5) Phenol-d6	6.87	99	23249	1.86	ng	0.00
8) Nitrobenzene-d5	8.85	82	45217	4.59	ng	0.00
14) 2,4,6-Tribromophenol	15.84	330	24628	7.98	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	157373	4.92	ng	0.00
29) Terphenyl-d14	19.72	244	151805	5.35	ng	0.00

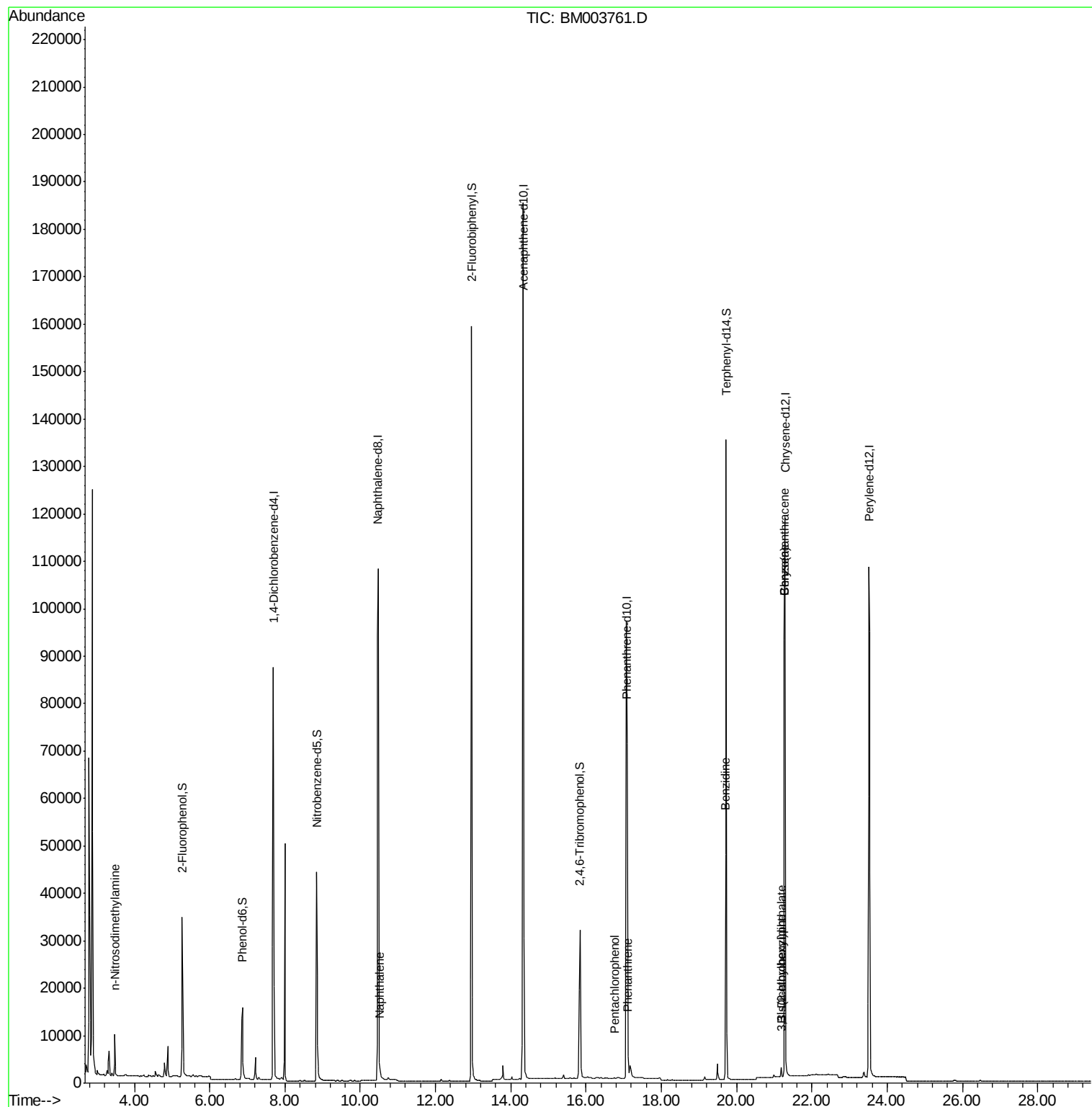
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.18	88	137	Below Cal	#	2
3) n-Nitrosodimethylamine	3.48	42	465	0.10 ng	#	1
10) Naphthalene	10.51	128	2231	0.05 ng	#	90
20) 4-Bromophenyl-phenylether	16.27	248	18	Below Cal	#	65
21) Hexachlorobenzene	16.40	284	26	Below Cal	#	70
22) Pentachlorophenol	16.76	266	129	0.46 ng	#	78
23) Phenanthrene	17.11	178	3205	0.05 ng	#	93
27) Benzidine	19.71	184	3410	0.66 ng	#	93
30) Benzo(a)anthracene	21.27	228	1324	0.02 ng	#	86
31) 3,3'-Dichlorobenzidine	21.21	252	47	0.30 ng	#	52
32) Chrysene	21.27	228	1314	0.03 ng	#	80
33) Bis(2-ethylhexyl)phthalate	21.19	149	2178	0.28 ng	#	98

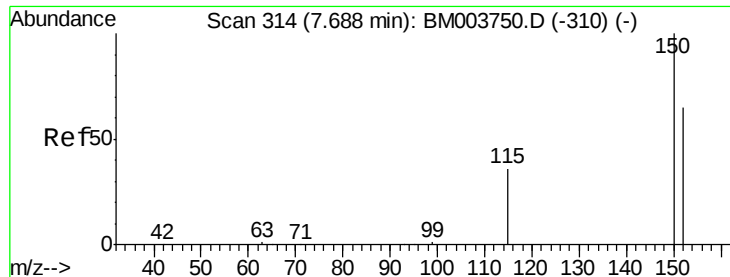
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122415\
Data File : BM003761.D
Acq On : 24 Dec 2015 03:28
Operator : UM/SJ
Sample : G4783-02RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 24 06:13:27 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM122415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 24 02:52:28 2015
Response via : Initial Calibration



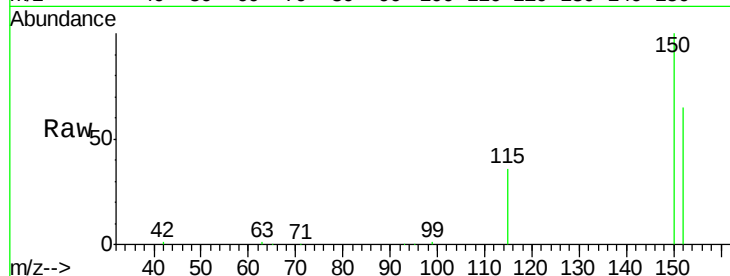


#1

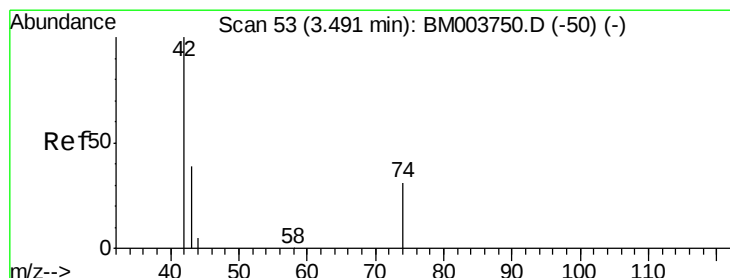
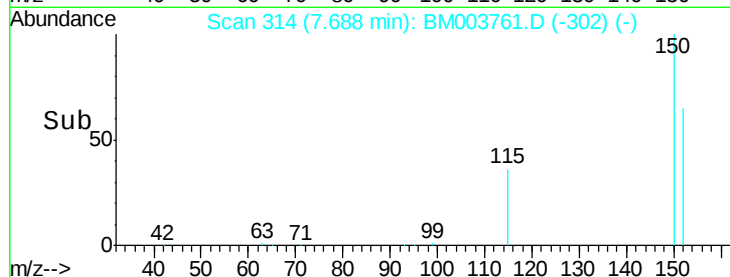
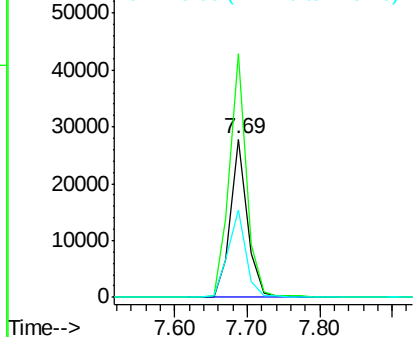
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.69 min Scan# 314
Delta R.T. 0.00 min
Lab File: BM003761.D
Acq: 24 Dec 2015 03:28

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 44580
Ion Ratio Lower Upper
152 100
150 153.8 122.9 184.3
115 55.2 44.4 66.6



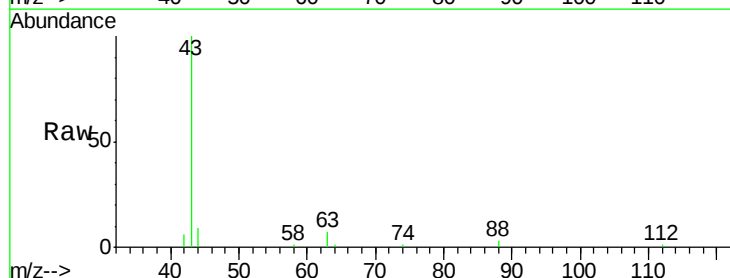
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



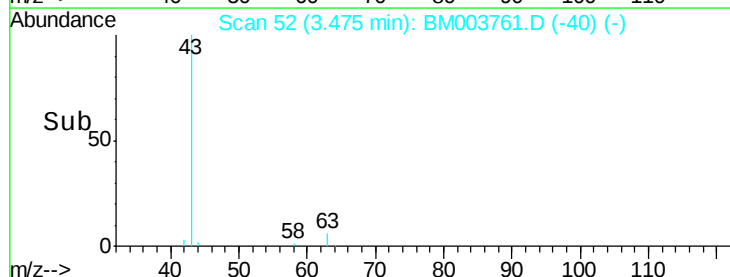
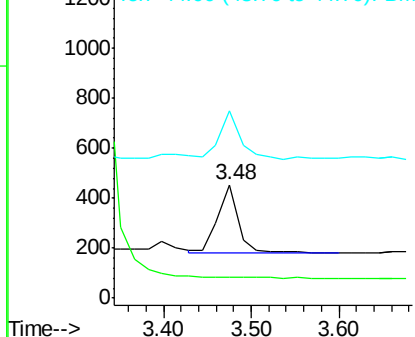
#3

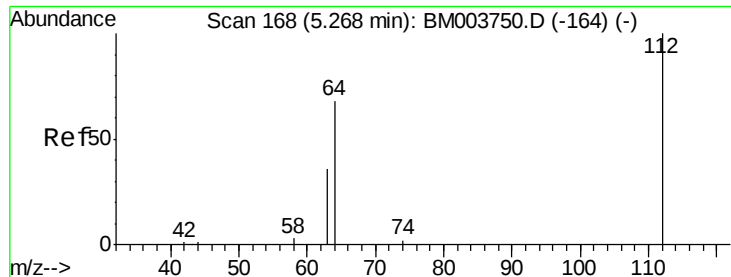
n-Nitrosodimethylamine
Concen: 0.10 ng
RT: 3.48 min Scan# 52
Delta R.T. -0.02 min
Lab File: BM003761.D
Acq: 24 Dec 2015 03:28

Tgt Ion: 42 Resp: 465
Ion Ratio Lower Upper
42 100
74 0.0 95.0 142.4#
44 75.1 5.1 7.7#



Abundance Ion 42.00 (41.70 to 42.70): BM0
Ion 74.00 (73.70 to 74.70): BM0
Ion 44.00 (43.70 to 44.70): BM0





#4

2-Fluorophenol

Concen: 3.15 ng

RT: 5.27 min Scan# 168

Delta R.T. 0.00 min

Lab File: BM003761.D

Acq: 24 Dec 2015 03:28

Instrument :

BNA_M

ClientSampleId :

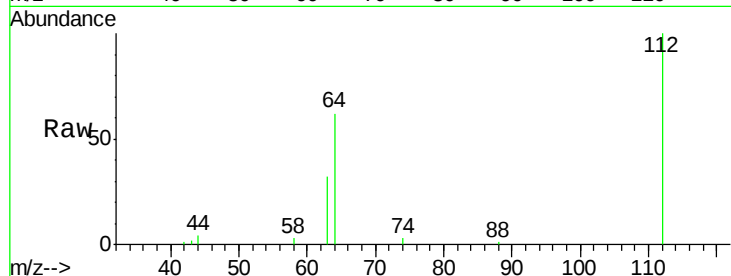
Tot Ion:112 Resp: 32018

Ion Ratio Lower Upper

112 100

64 52.0 41.8 62.8

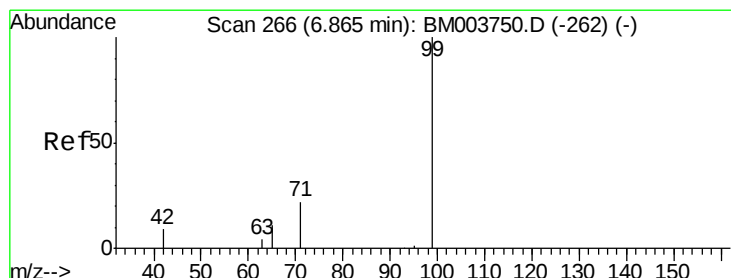
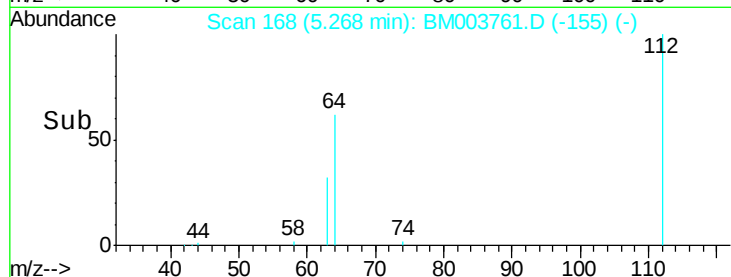
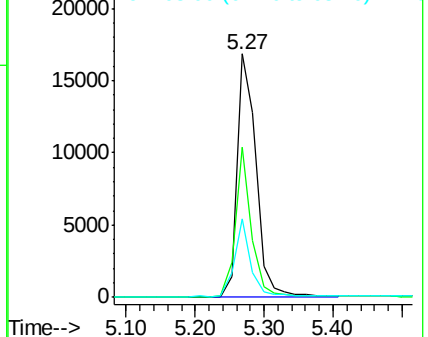
63 27.7 22.1 33.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#5

Phenol-d6

Concen: 1.86 ng

RT: 6.87 min Scan# 266

Delta R.T. 0.00 min

Lab File: BM003761.D

Acq: 24 Dec 2015 03:28

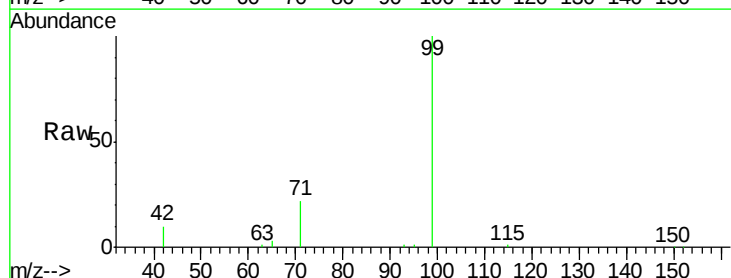
Tgt Ion: 99 Resp: 23249

Ion Ratio Lower Upper

99 100

42 19.0 16.2 24.2

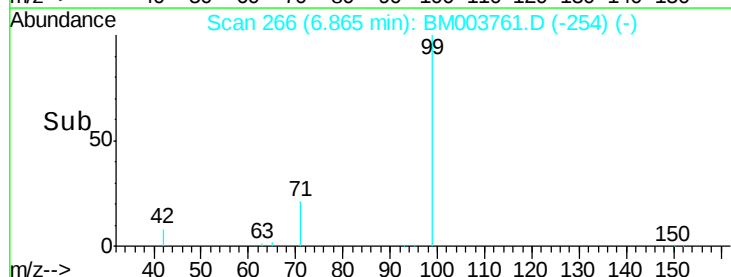
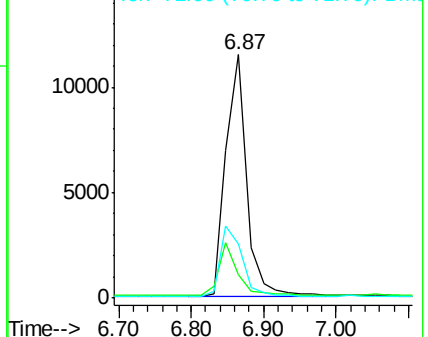
71 30.6 24.4 36.6

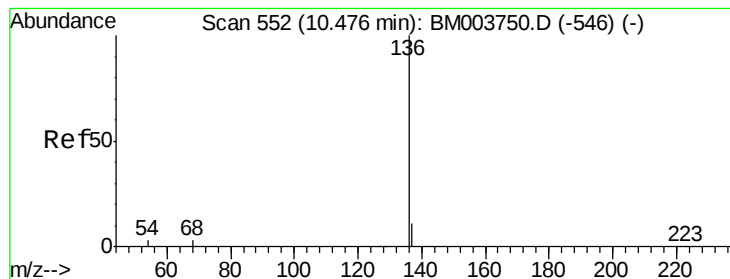


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.48 min Scan# 552

Delta R.T. 0.00 min

Lab File: BM003761.D

Acq: 24 Dec 2015 03:28

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 191638

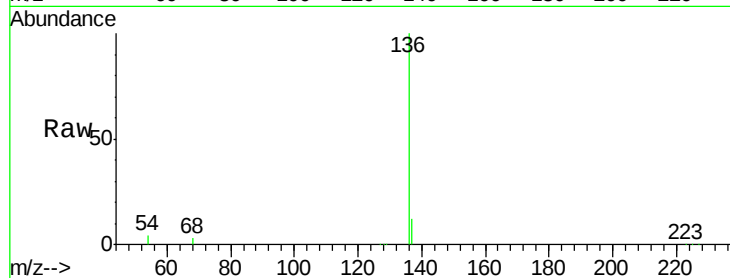
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 3.7 2.8 4.2

68 3.2 2.5 3.7

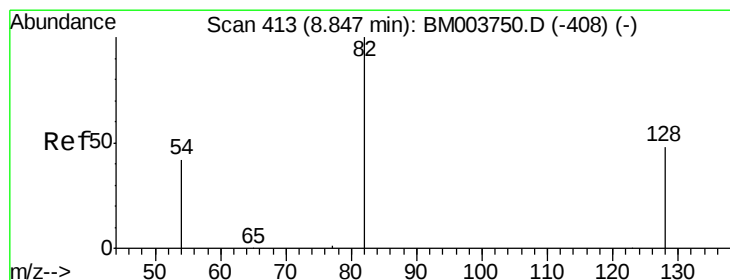
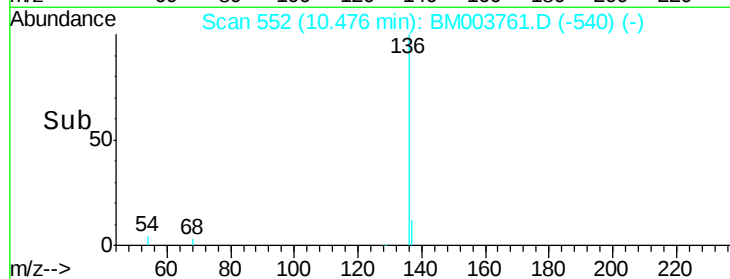
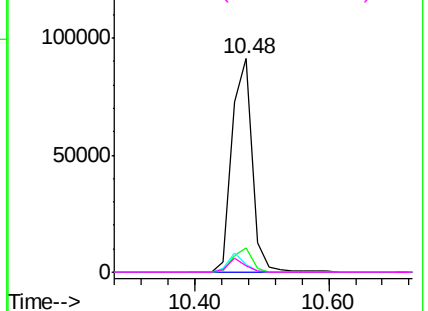


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 4.59 ng

RT: 8.85 min Scan# 413

Delta R.T. 0.00 min

Lab File: BM003761.D

Acq: 24 Dec 2015 03:28

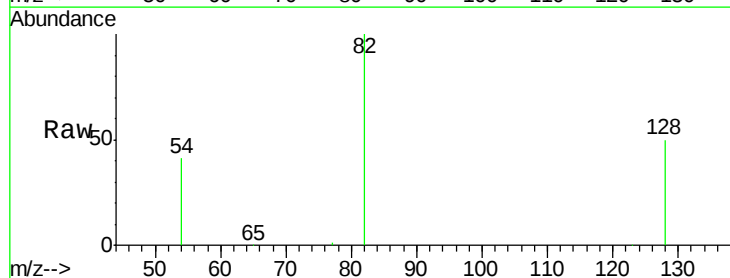
Tgt Ion: 82 Resp: 45217

Ion Ratio Lower Upper

82 100

128 49.8 39.1 58.7

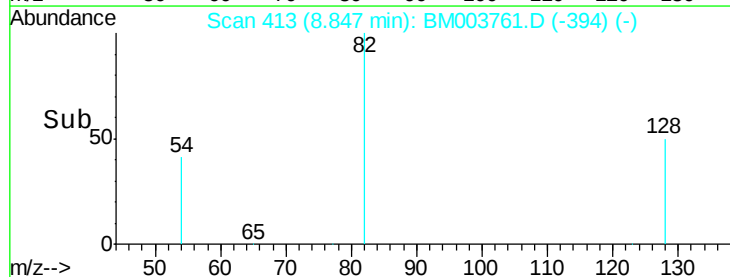
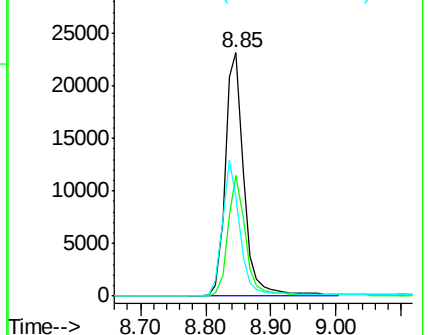
54 40.8 34.8 52.2

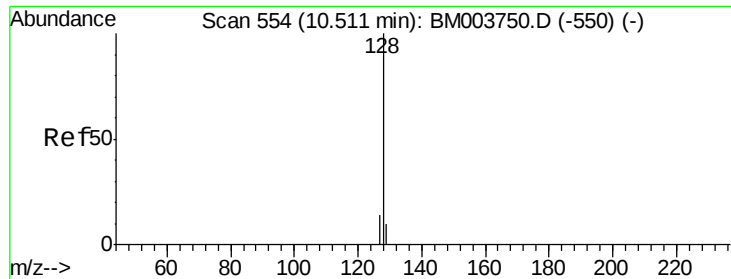


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

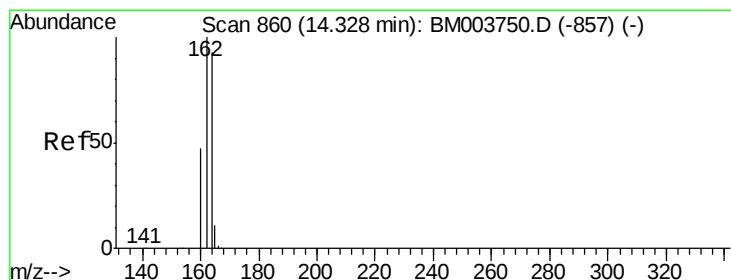
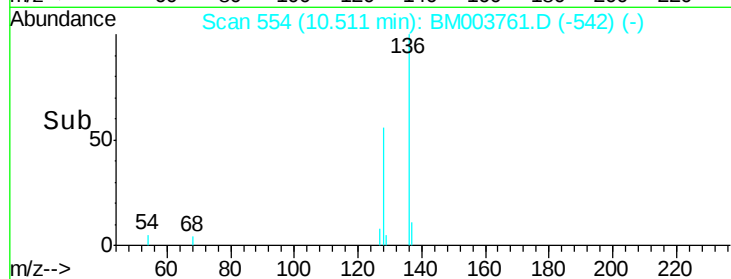
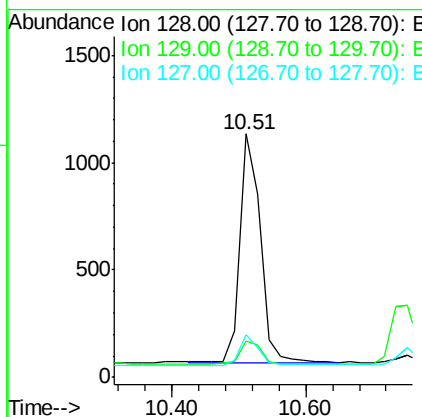
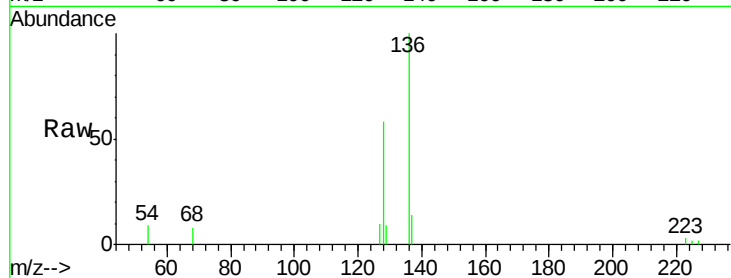




#10
Naphthalene
Concen: 0.05 ng
RT: 10.51 min Scan# 554
Delta R.T. 0.00 min
Lab File: BM003761.D
Acq: 24 Dec 2015 03:28

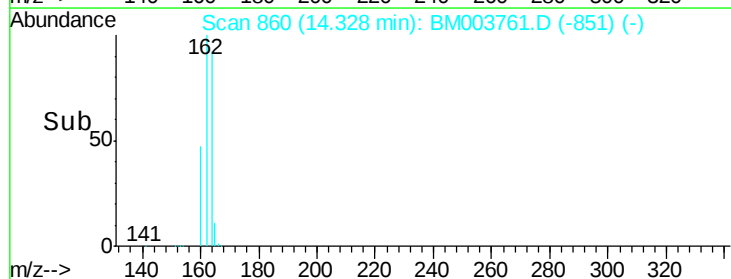
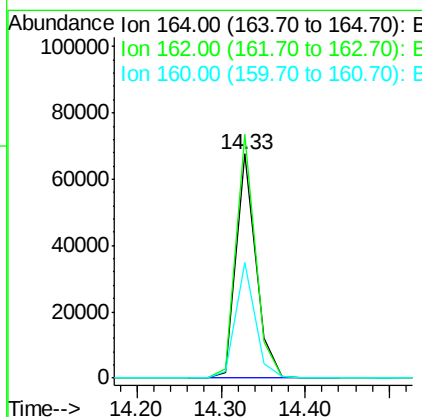
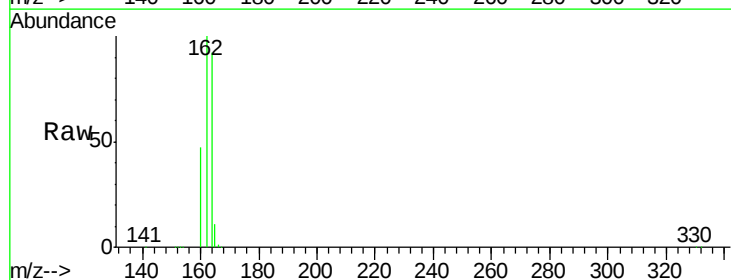
Instrument :
BNA_M
ClientSampled :

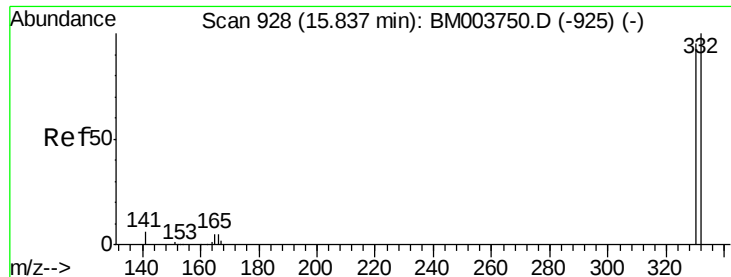
Tot Ion:128 Resp: 2231
Ion Ratio Lower Upper
128 100
129 14.8 8.5 12.7#
127 17.6 11.0 16.4#



#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.33 min Scan# 860
Delta R.T. 0.00 min
Lab File: BM003761.D
Acq: 24 Dec 2015 03:28

Tgt Ion:164 Resp: 109726
Ion Ratio Lower Upper
164 100
162 108.7 86.0 129.0
160 51.5 40.3 60.5

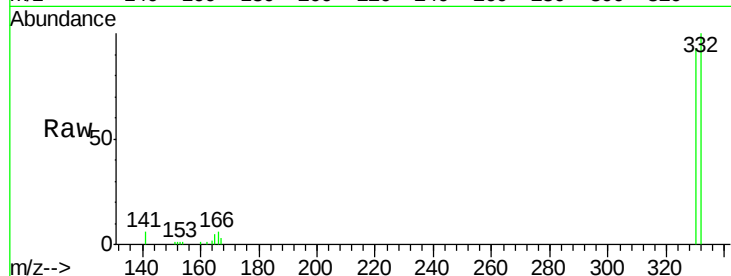




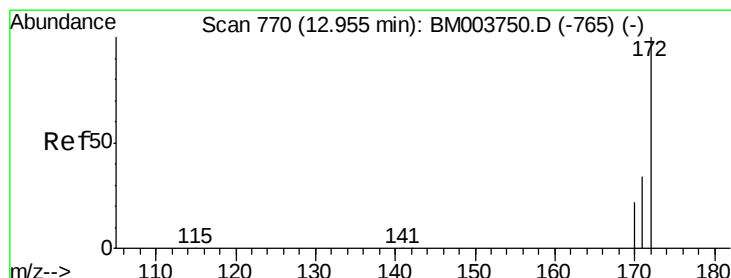
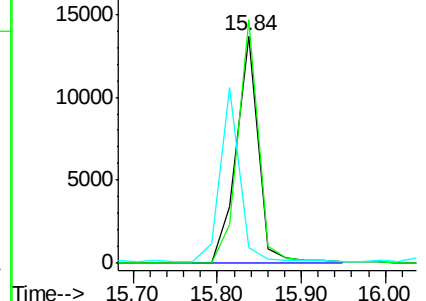
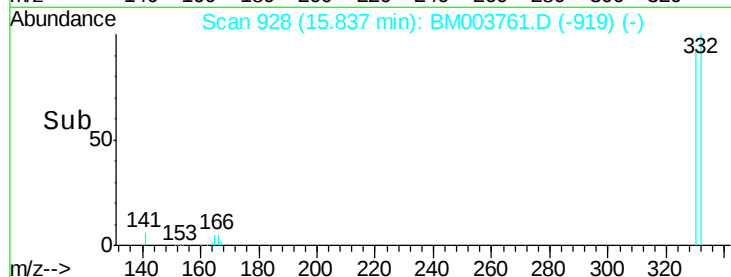
#14
 2,4,6-Tribromophenol
 Concen: 7.98 ng
 RT: 15.84 min Scan# 928
 Delta R.T. 0.00 min
 Lab File: BM003761.D
 Acq: 24 Dec 2015 03:28

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 24628
 Ion Ratio Lower Upper
 330 100
 332 100.3 79.0 118.4
 141 0.0 0.0 0.0

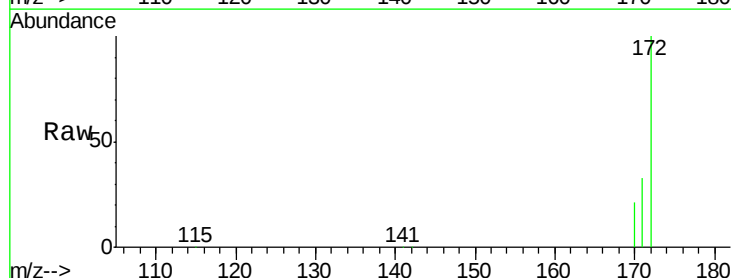


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

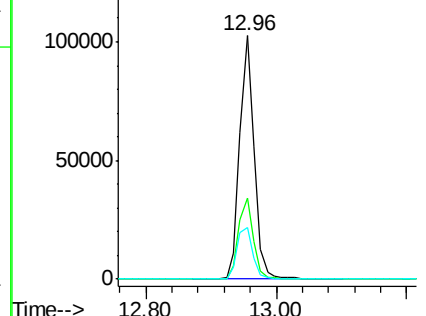
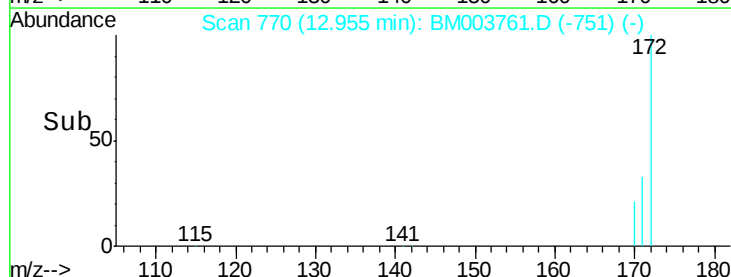


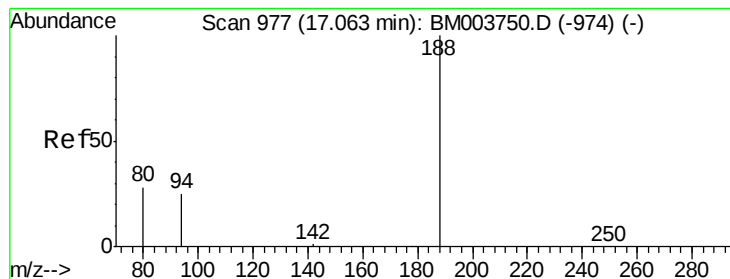
#15
 2-Fluorobiphenyl
 Concen: 4.92 ng
 RT: 12.96 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BM003761.D
 Acq: 24 Dec 2015 03:28

Tgt Ion:172 Resp: 157373
 Ion Ratio Lower Upper
 172 100
 171 33.4 27.0 40.6
 170 21.5 17.9 26.9



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





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.09 min Scan# 978

Delta R.T. 0.03 min

Lab File: BM003761.D

Acq: 24 Dec 2015 03:28

Instrument :

BNA_M

ClientSampleId :

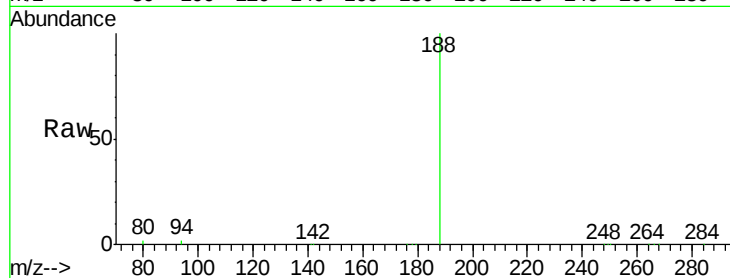
Tot Ion:188 Resp: 201207

Ion Ratio Lower Upper

188 100

94 1.9 20.3 30.5#

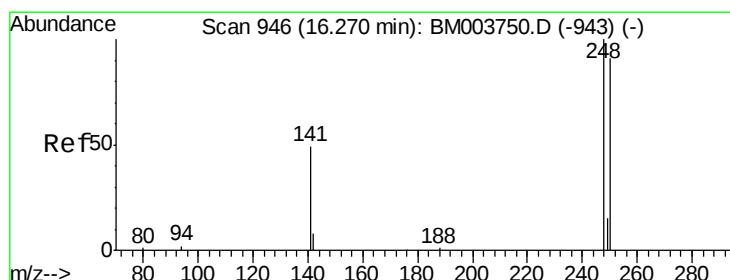
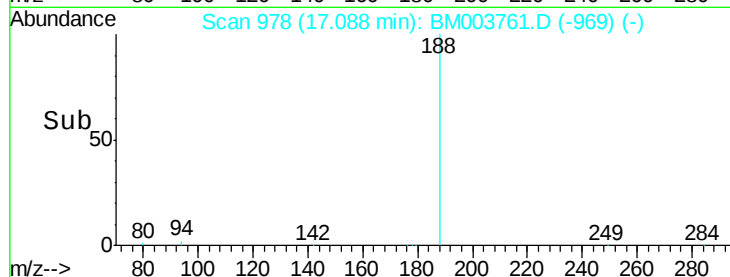
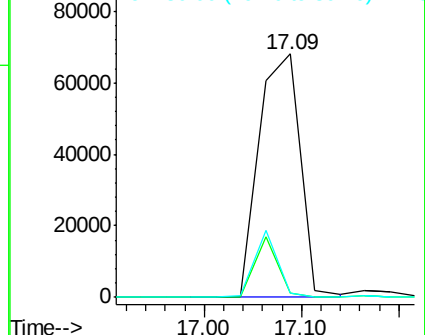
80 1.6 22.2 33.4#



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



#20

4-Bromophenyl-phenylether

Concen: Below Cal

RT: 16.27 min Scan# 946

Delta R.T. 0.00 min

Lab File: BM003761.D

Acq: 24 Dec 2015 03:28

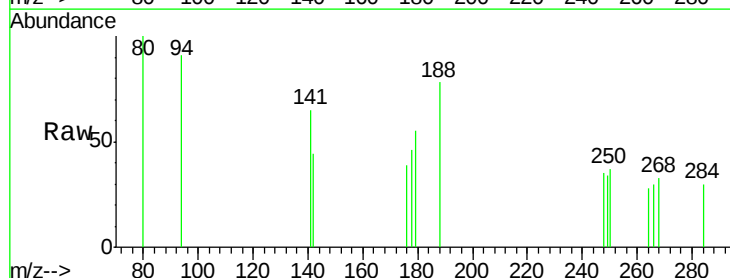
Tgt Ion:248 Resp: 18

Ion Ratio Lower Upper

248 100

250 94.4 75.0 112.4

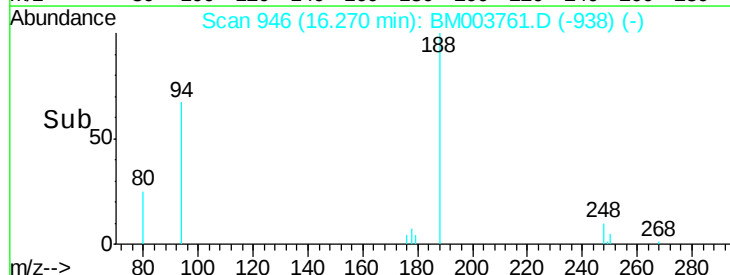
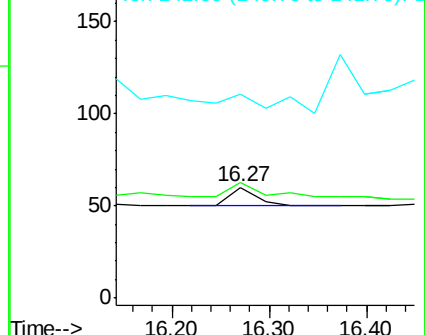
141 0.0 53.0 79.4#

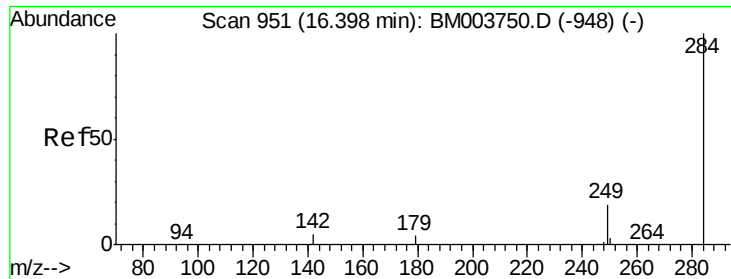


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

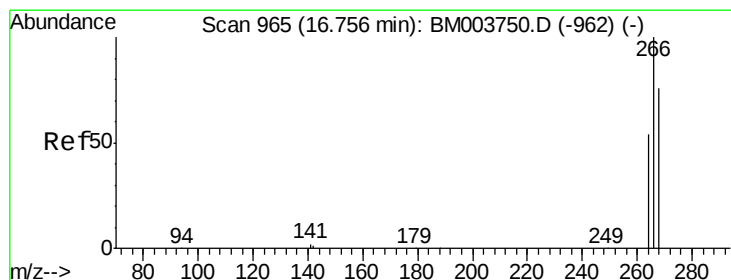
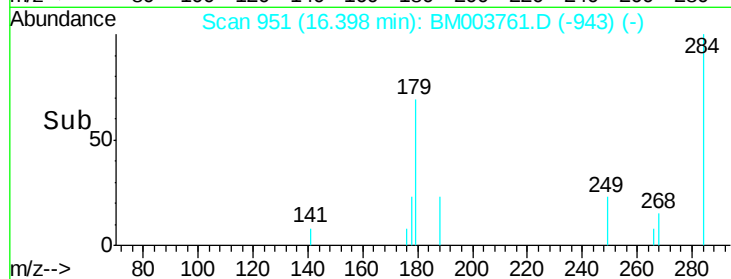
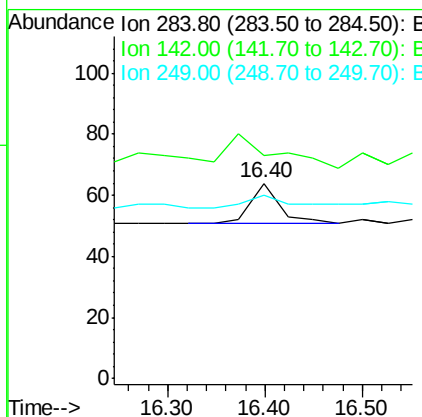
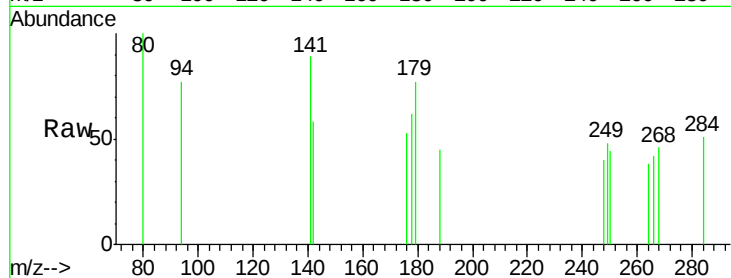




#21
Hexachlorobenzene
Concen: Below Cal
RT: 16.40 min Scan# 951
Delta R.T. 0.00 min
Lab File: BM003761.D
Acq: 24 Dec 2015 03:28

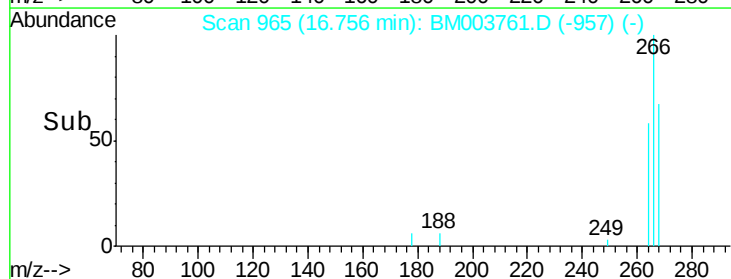
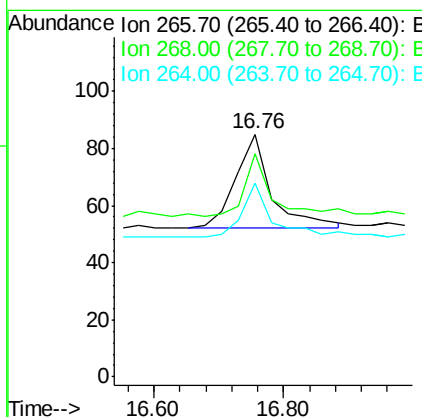
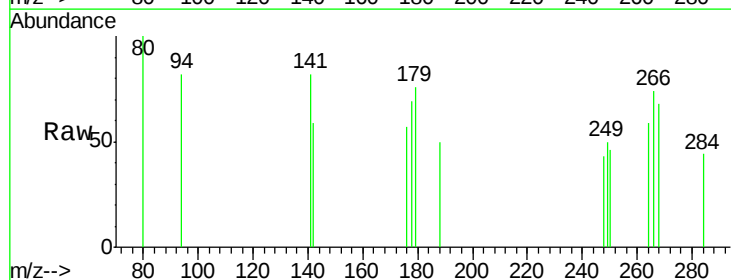
Instrument :
BNA_M
ClientSampleId :

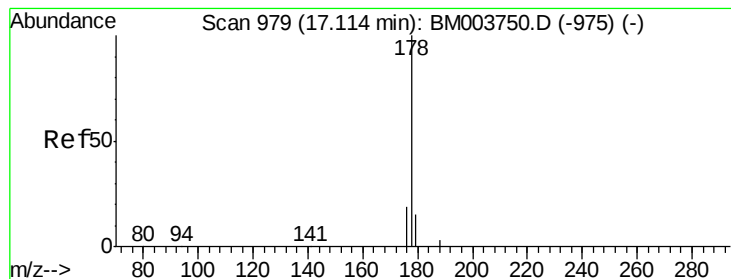
Tot Ion:284 Resp: 26
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 42.3 21.5 32.3#



#22
Pentachlorophenol
Concen: 0.46 ng
RT: 16.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BM003761.D
Acq: 24 Dec 2015 03:28

Tgt Ion:266 Resp: 129
Ion Ratio Lower Upper
266 100
268 91.8 62.7 94.1
264 80.0 45.7 68.5#





#23

Phenanthrene

Concen: 0.05 ng

RT: 17.11 min Scan# 979

Delta R.T. 0.00 min

Lab File: BM003761.D

Acq: 24 Dec 2015 03:28

Instrument :

BNA_M

ClientSampleId :

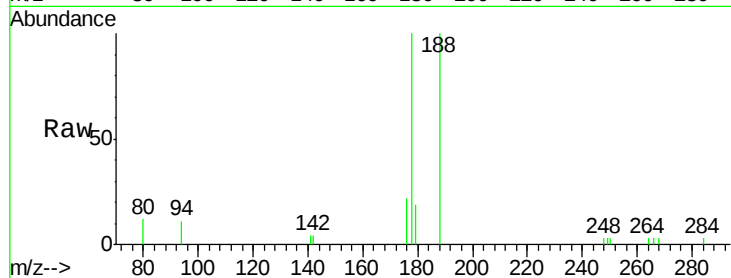
Tot Ion:178 Resp: 3205

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.0

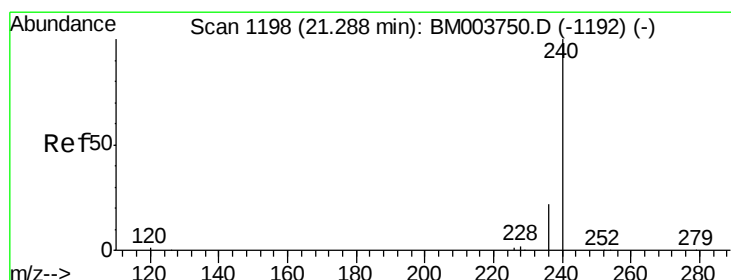
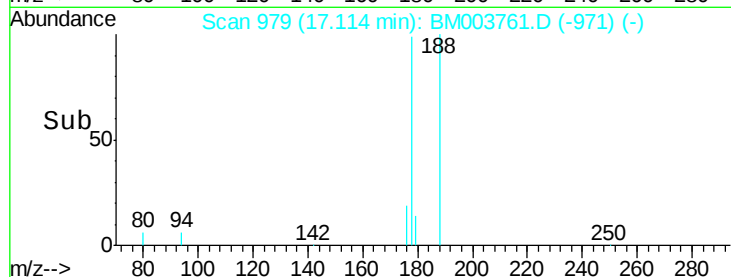
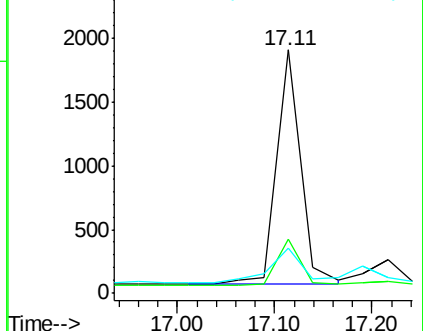
179 21.1 12.2 18.4#



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



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.29 min Scan# 1198

Delta R.T. 0.00 min

Lab File: BM003761.D

Acq: 24 Dec 2015 03:28

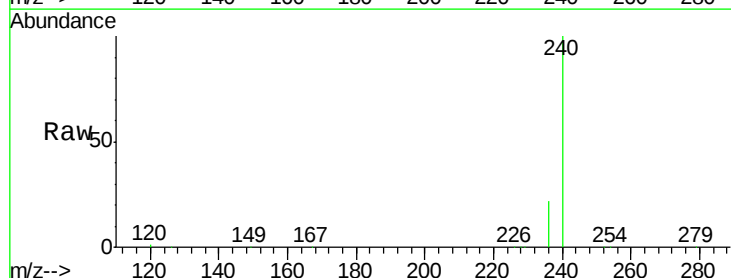
Tgt Ion:240 Resp: 179645

Ion Ratio Lower Upper

240 100

120 1.3 0.9 1.3#

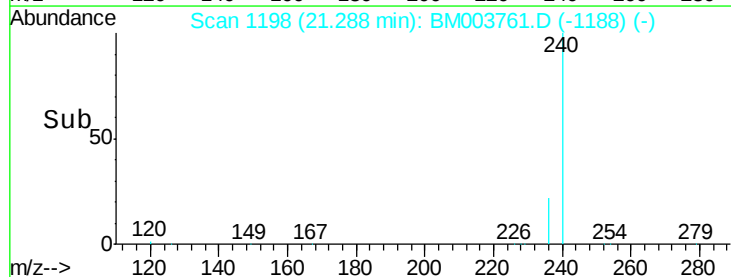
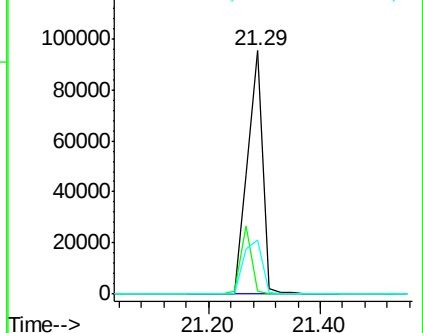
236 22.3 17.3 25.9

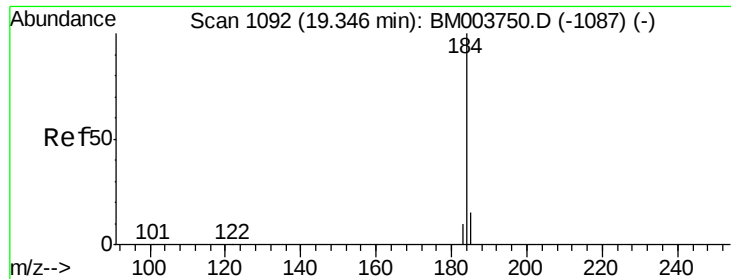


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

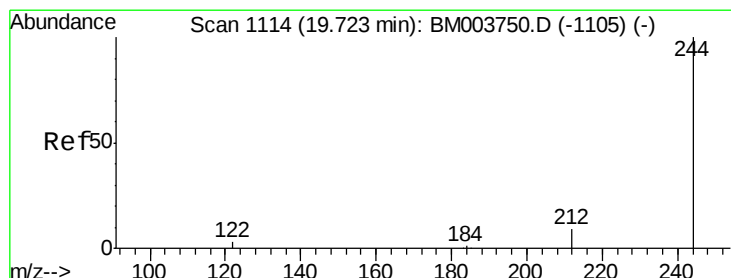
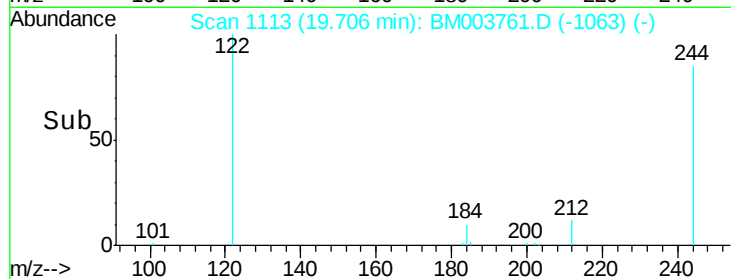
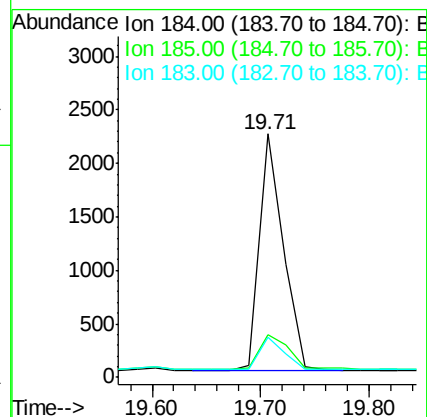
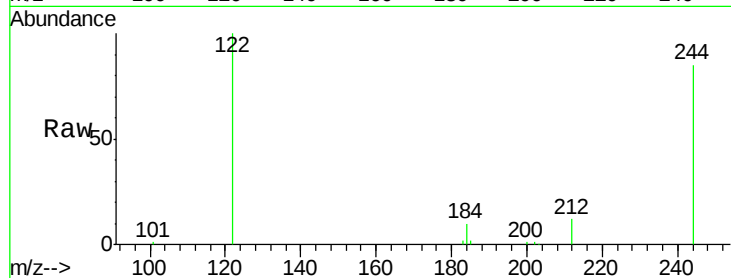




#27
Benzidine
Concen: 0.66 ng
RT: 19.71 min Scan# 1113
Delta R.T. 0.36 min
Lab File: BM003761.D
Acq: 24 Dec 2015 03:28

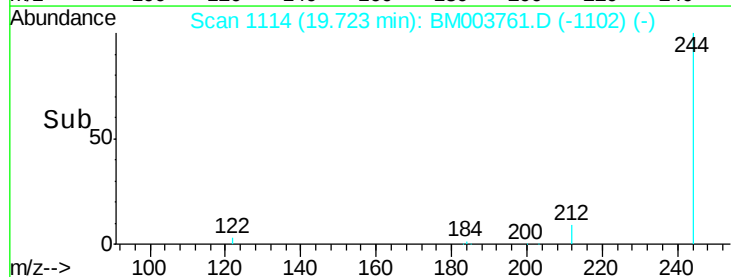
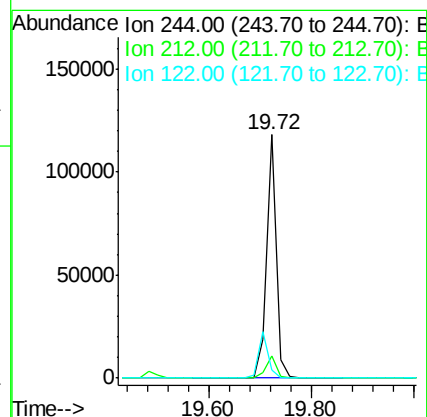
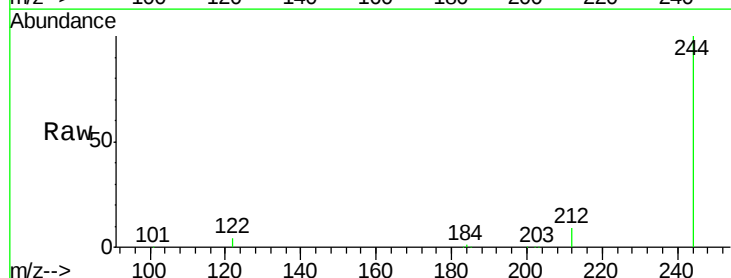
Instrument :
BNA_M
ClientSampleId :

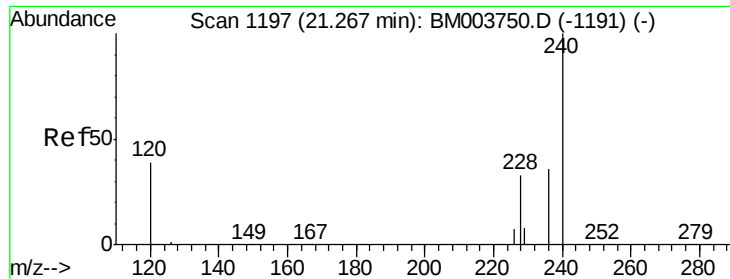
Tot Ion:184 Resp: 3410
Ion Ratio Lower Upper
184 100
185 17.5 13.2 19.8
183 16.3 9.0 13.6#



#29
Terphenyl-d14
Concen: 5.35 ng
RT: 19.72 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BM003761.D
Acq: 24 Dec 2015 03:28

Tgt Ion:244 Resp: 151805
Ion Ratio Lower Upper
244 100
212 9.1 7.0 10.6
122 3.5 3.0 4.6





#30

Benzo(a)anthracene

Concen: 0.02 ng

RT: 21.27 min Scan# 1197

Delta R.T. 0.00 min

Lab File: BM003761.D

Acq: 24 Dec 2015 03:28

Instrument :

BNA_M

ClientSampleId :

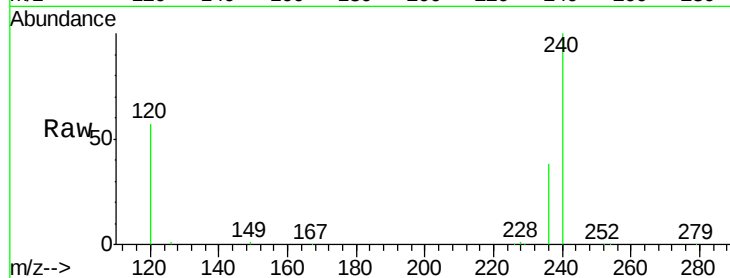
Tot Ion:228 Resp: 1324

Ion Ratio Lower Upper

228 100

226 25.0 17.2 25.8

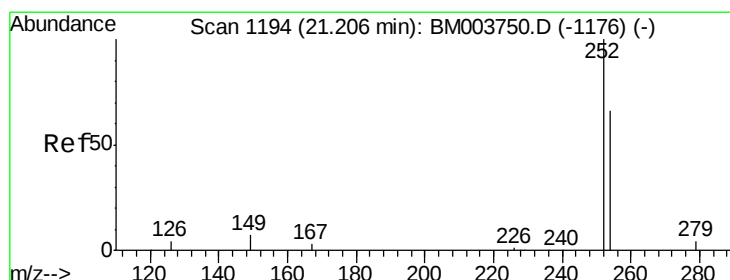
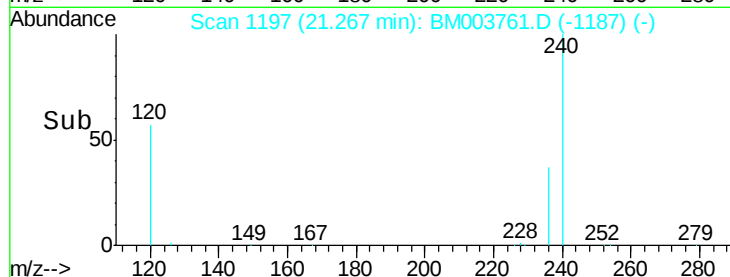
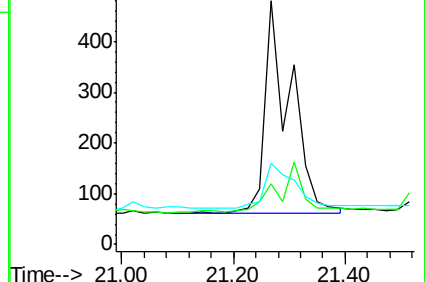
229 33.3 18.7 28.1#



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



#31

3,3'-Dichlorobenzidine

Concen: 0.30 ng

RT: 21.21 min Scan# 1194

Delta R.T. 0.00 min

Lab File: BM003761.D

Acq: 24 Dec 2015 03:28

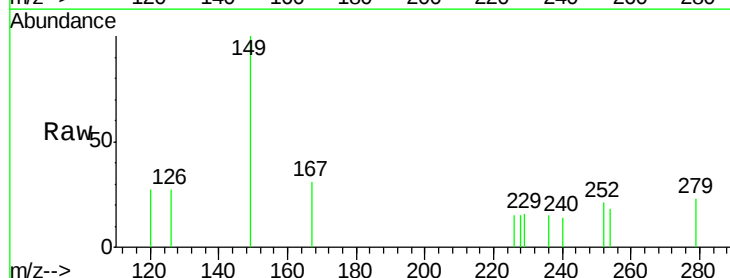
Tgt Ion:252 Resp: 47

Ion Ratio Lower Upper

252 100

254 86.0 52.6 79.0#

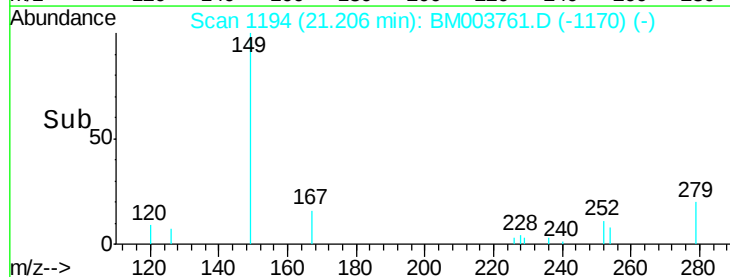
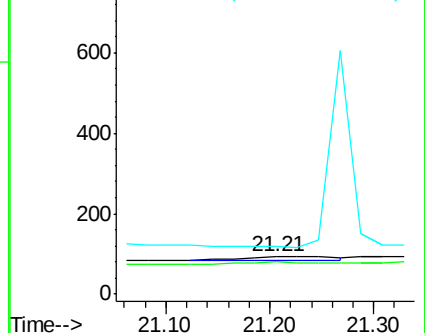
126 128.0 3.7 5.5#

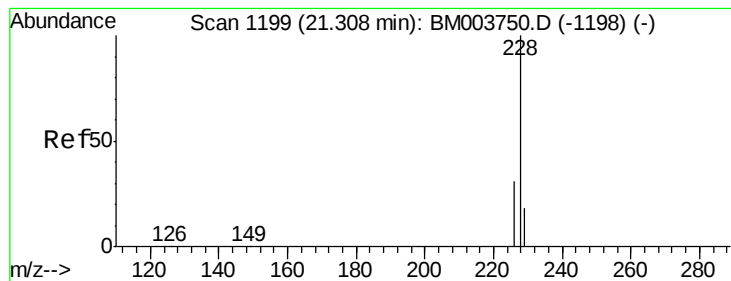


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#32

Chrysene

Concen: 0.03 ng

RT: 21.27 min Scan# 1197

Delta R.T. -0.04 min

Lab File: BM003761.D

Acq: 24 Dec 2015 03:28

Instrument :

BNA_M

ClientSampleId :

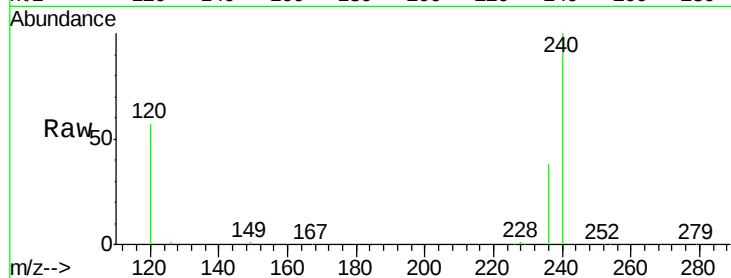
Tot Ion:228 Resp: 1314

Ion Ratio Lower Upper

228 100

226 25.0 25.3 37.9#

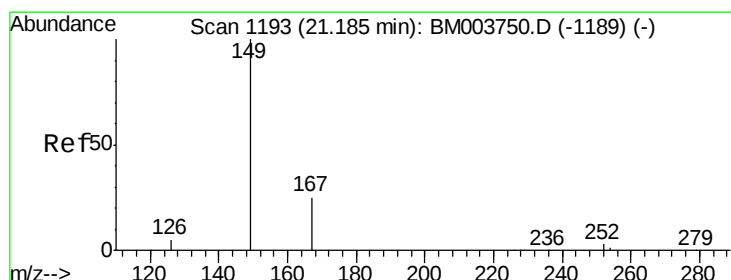
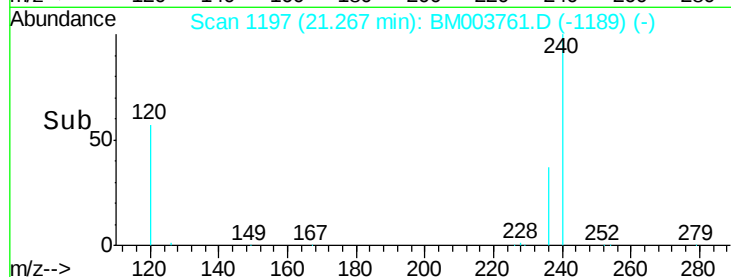
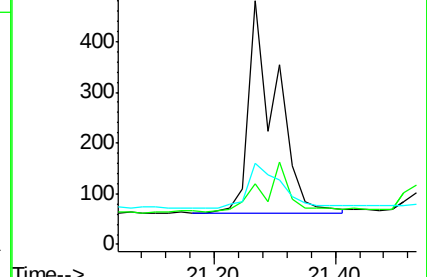
229 33.3 14.5 21.7#



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



#33

Bis(2-ethylhexyl)phthalate

Concen: 0.28 ng

RT: 21.19 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BM003761.D

Acq: 24 Dec 2015 03:28

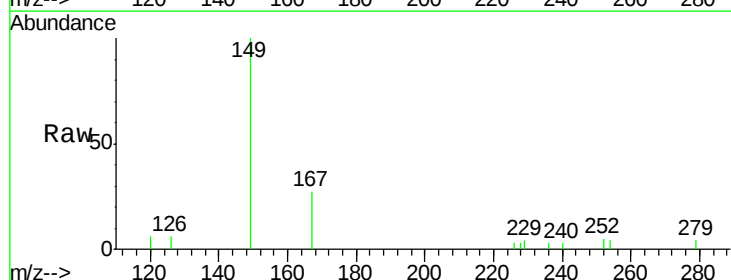
Tgt Ion:149 Resp: 2178

Ion Ratio Lower Upper

149 100

167 25.9 20.1 30.1

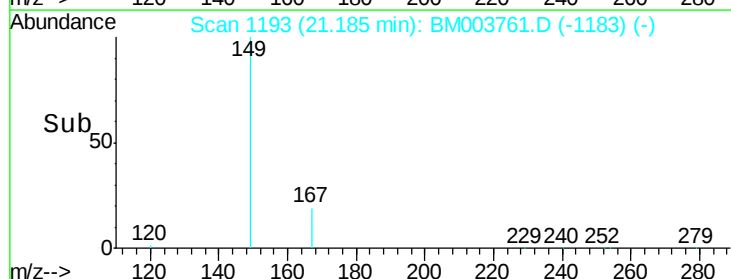
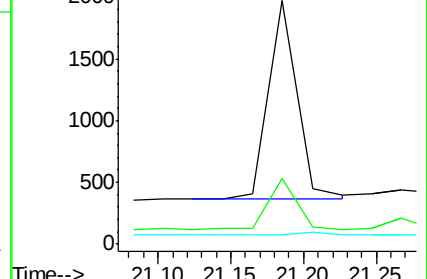
279 0.0 0.0 0.0

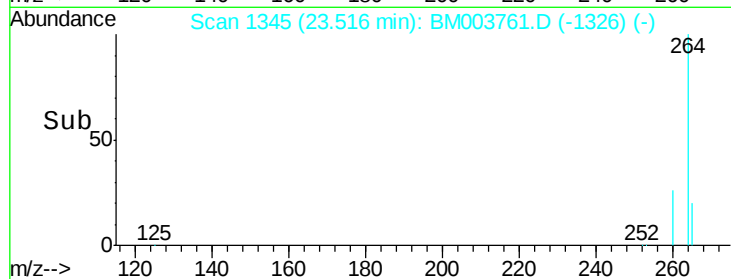
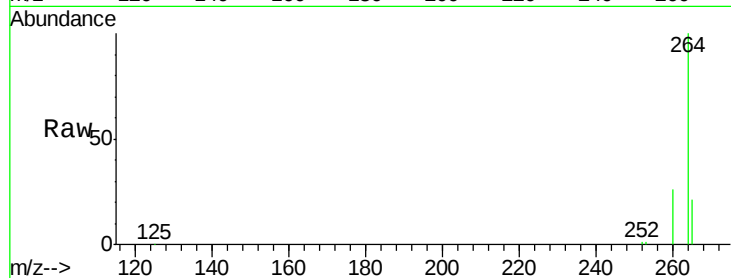
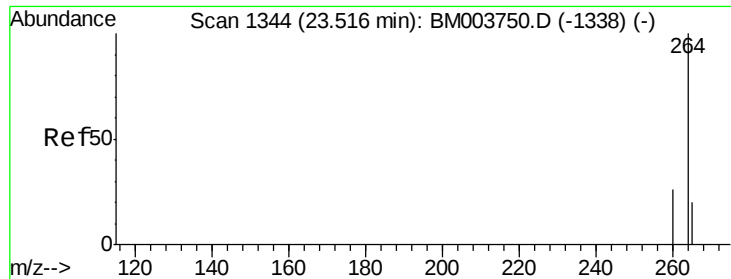


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.52 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: BM003761.D
 Acq: 24 Dec 2015 03:28

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 264 Resp: 145874
 Ion Ratio Lower Upper
 264 100
 260 26.3 21.2 31.8
 265 20.9 16.7 25.1

