

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122415\
 Data File : BM003777.D
 Acq On : 24 Dec 2015 14:29
 Operator : UM/SJ
 Sample : G4934-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-3-122115

Quant Time: Dec 24 17:23:59 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 10:08:49 2015
 Response via : Initial Calibration

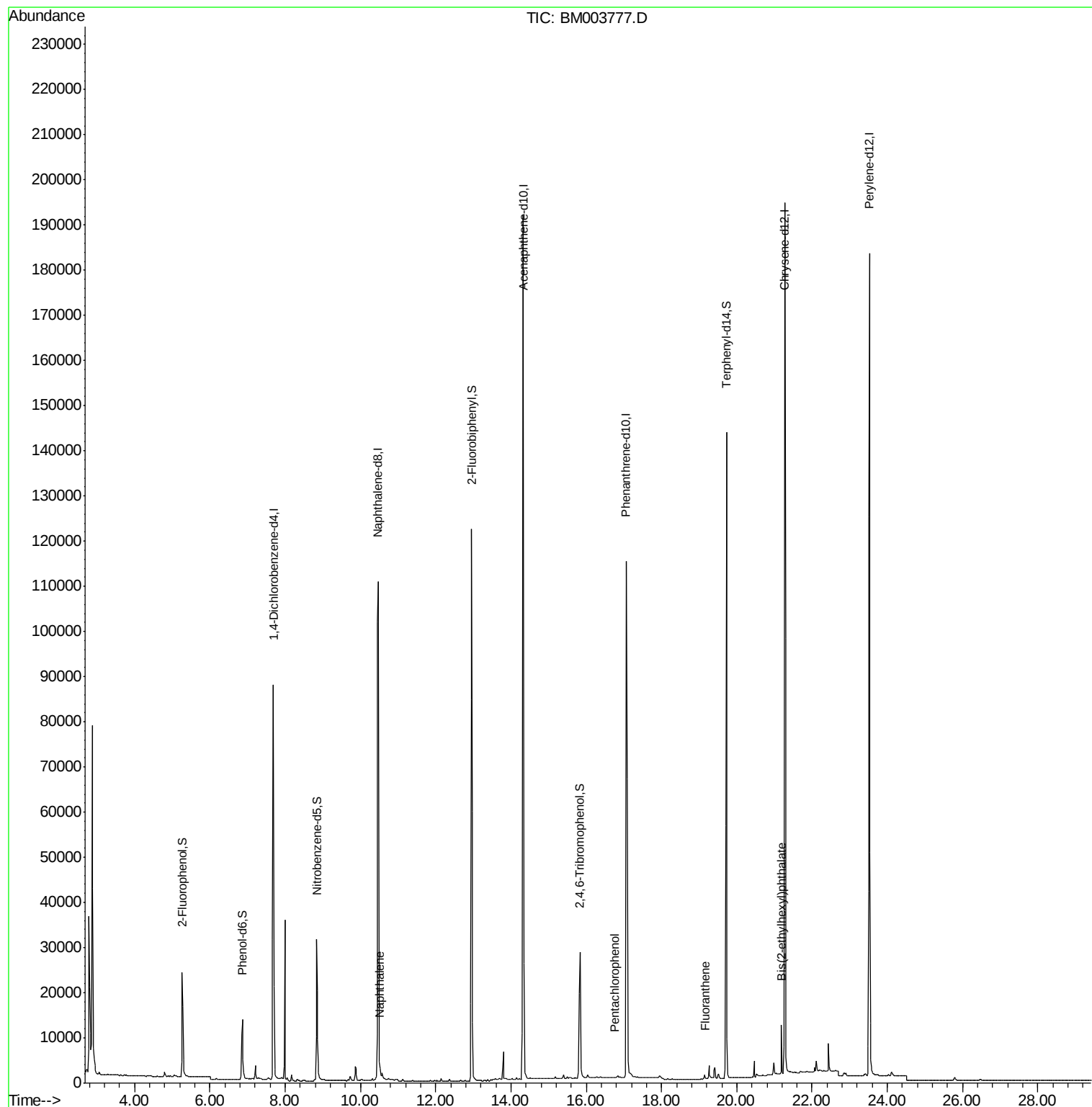
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	46243	5.00	ng	0.00
7) Naphthalene-d8	10.48	136	199838	5.00	ng	0.00
13) Acenaphthene-d10	14.33	164	112854	5.00	ng	0.00
19) Phenanthrene-d10	17.06	188	218207	5.00	ng	0.00
26) Chrysene-d12	21.27	240	250295	5.00	ng	-0.02
35) Perylene-d12	23.52	264	236545	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	24268	2.22	ng	0.00
5) Phenol-d6	6.87	99	19357	1.45	ng	0.00
8) Nitrobenzene-d5	8.85	82	30862	2.91	ng	0.00
14) 2,4,6-Tribromophenol	15.84	330	23144	6.55	ng	0.00
15) 2-Fluorobiphenyl	12.95	172	121424	3.52	ng	0.00
29) Terphenyl-d14	19.72	244	164829	4.15	ng	0.00
Target Compounds						
10) Naphthalene	10.51	128	2676	0.06	ng	# 65
22) Pentachlorophenol	16.76	266	126	0.40	ng	# 80
25) Fluoranthene	19.16	202	1144	0.11	ng	# 79
33) Bis(2-ethylhexyl)phthalate	21.19	149	11556	0.39	ng	# 97

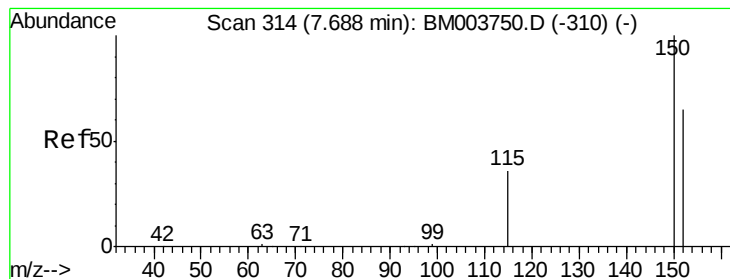
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122415\
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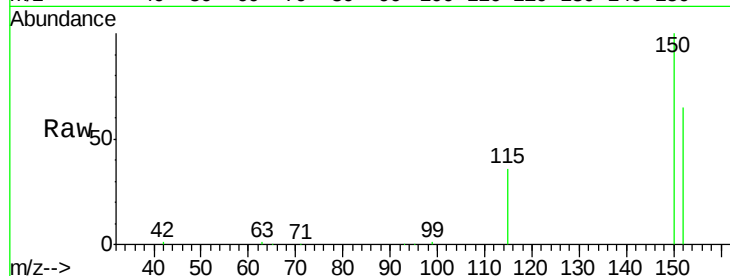


#1

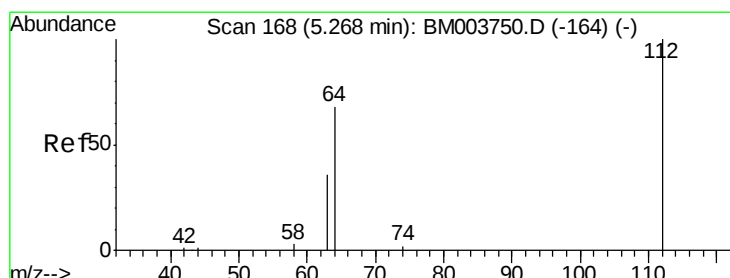
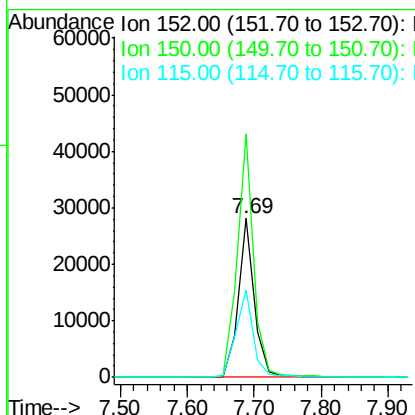
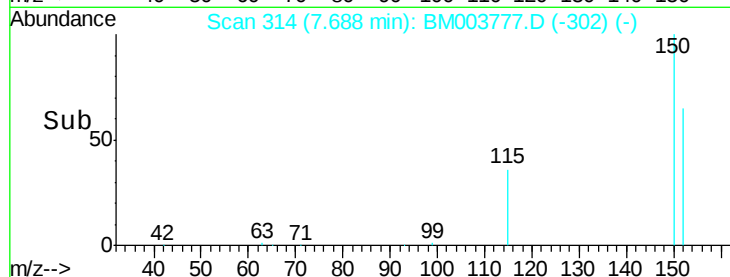
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.69 min Scan# 314
Delta R.T. 0.00 min
Lab File: BM003777.D
Acq: 24 Dec 2015 14:29

Instrument :
BNA_M
ClientSampleId :
MW-3-122115

Tot Ion:152 Resp: 46243
Ion Ratio Lower Upper
152 100
150 153.5 122.9 184.3
115 55.2 44.4 66.6



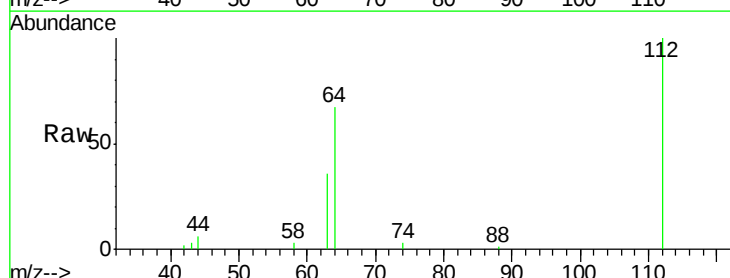
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



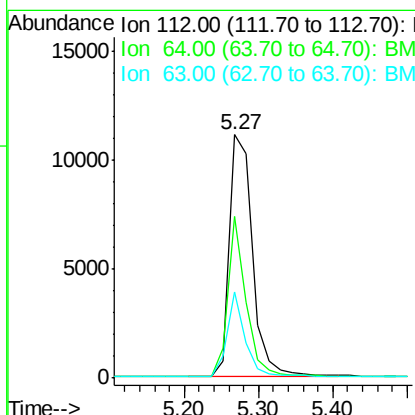
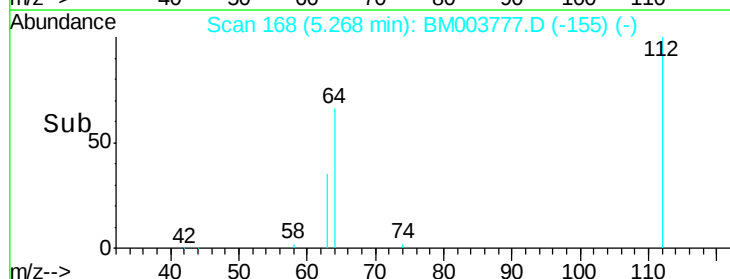
#4

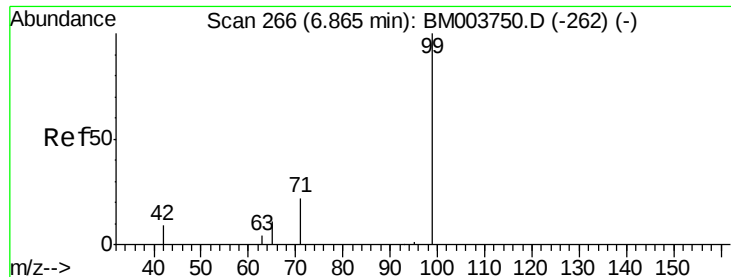
2-Fluorophenol
Concen: 2.22 ng
RT: 5.27 min Scan# 168
Delta R.T. 0.00 min
Lab File: BM003777.D
Acq: 24 Dec 2015 14:29

Tgt Ion:112 Resp: 24268
Ion Ratio Lower Upper
112 100
64 52.3 41.8 62.8
63 27.5 22.1 33.1



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





#5

Phenol-d6

Concen: 1.45 ng

RT: 6.87 min Scan# 266

Delta R.T. 0.00 min

Lab File: BM003777.D

Acq: 24 Dec 2015 14:29

Instrument :

BNA_M

ClientSampleId :

MW-3-122115

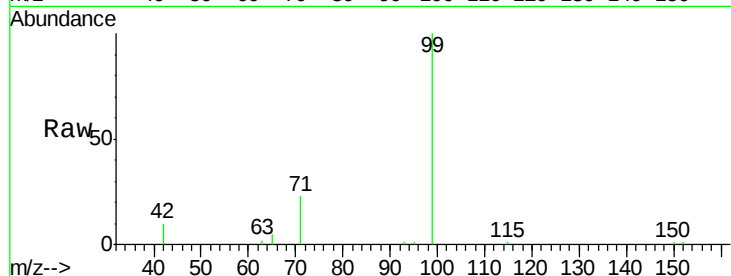
Tot Ion: 99 Resp: 19357

Ion Ratio Lower Upper

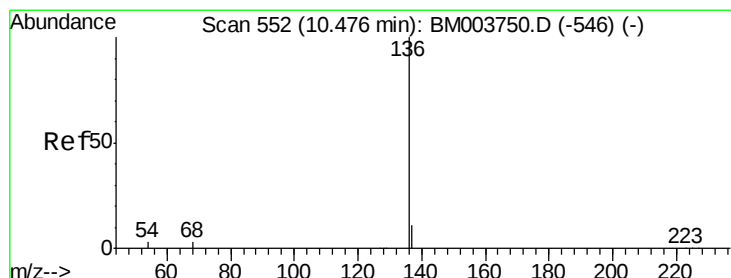
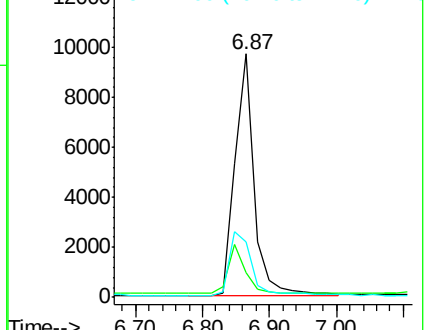
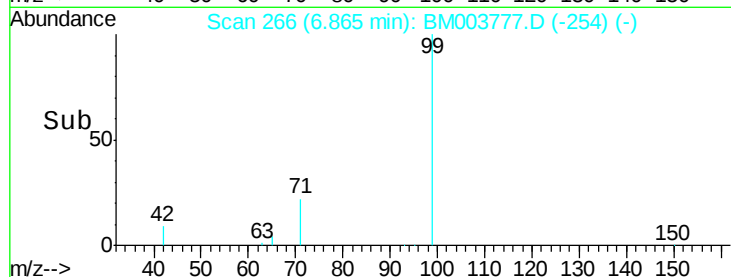
99 100

42 18.4 16.2 24.2

71 31.3 24.4 36.6



Abundance Ion 99.00 (98.70 to 99.70): BM003777.D (-254) (-)



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.48 min Scan# 552

Delta R.T. 0.00 min

Lab File: BM003777.D

Acq: 24 Dec 2015 14:29

Tgt Ion: 136 Resp: 199838

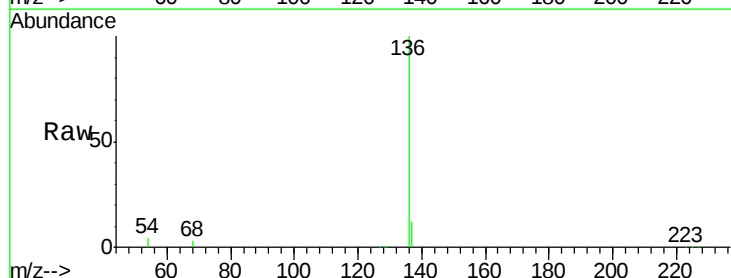
Ion Ratio Lower Upper

136 100

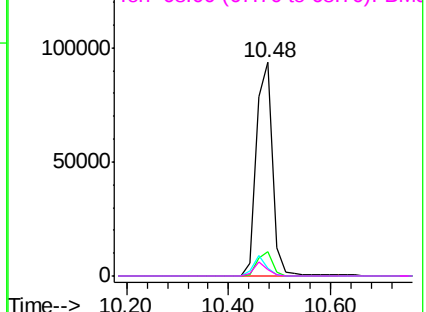
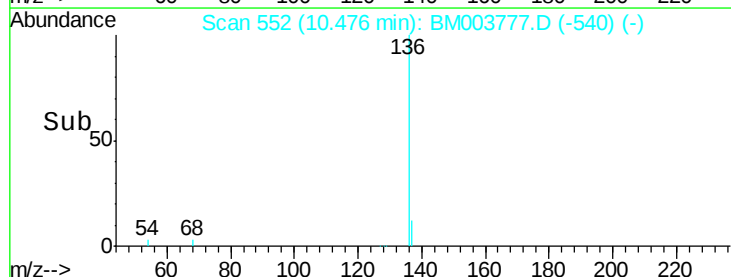
137 11.6 9.2 13.8

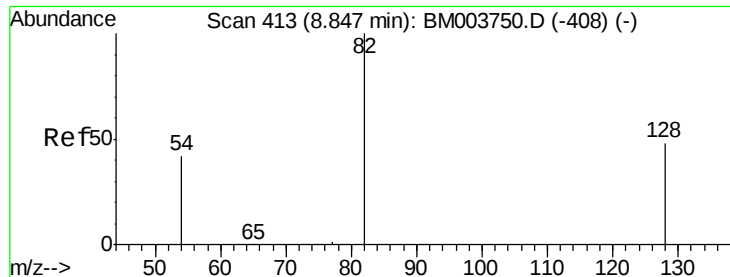
54 3.5 2.8 4.2

68 3.1 2.5 3.7



Abundance Ion 136.00 (135.70 to 136.70): BM003777.D (-540) (-)





#8

Nitrobenzene-d5

Concen: 2.91 ng

RT: 8.85 min Scan# 413

Delta R.T. 0.00 min

Lab File: BM003777.D

Acq: 24 Dec 2015 14:29

Instrument :

BNA_M

ClientSampleId :

MW-3-122115

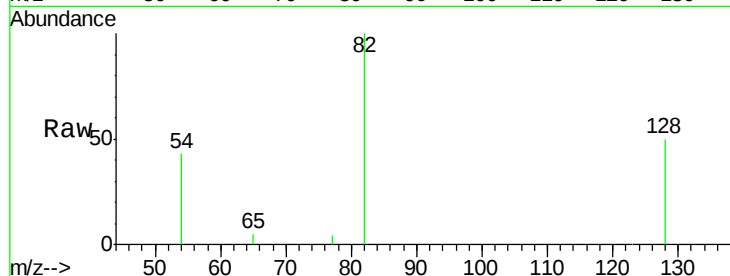
Tot Ion: 82 Resp: 30862

Ion Ratio Lower Upper

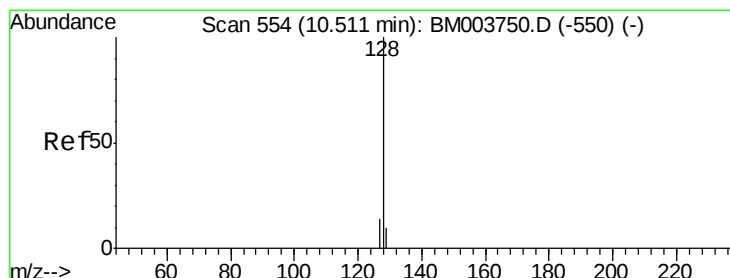
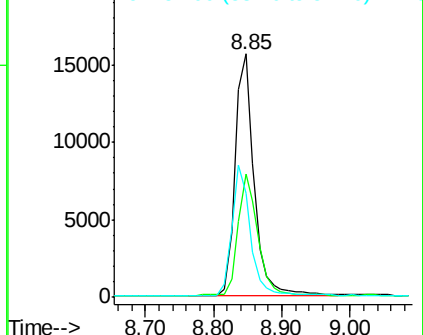
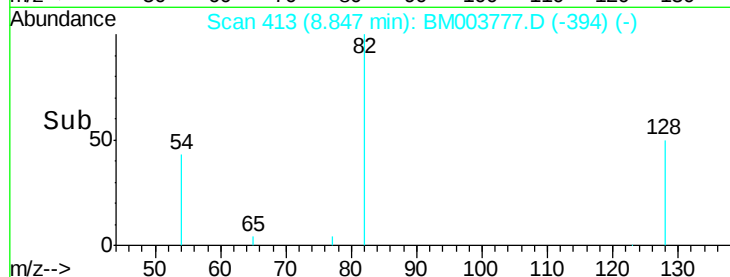
82 100

128 50.4 39.1 58.7

54 43.0 34.8 52.2



Abundance Ion 82.00 (81.70 to 82.70): BM003777.D (-394) (-)



#10

Naphthalene

Concen: 0.06 ng

RT: 10.51 min Scan# 554

Delta R.T. 0.00 min

Lab File: BM003777.D

Acq: 24 Dec 2015 14:29

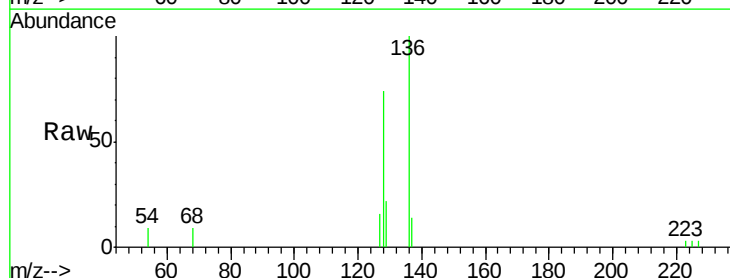
Tgt Ion: 128 Resp: 2676

Ion Ratio Lower Upper

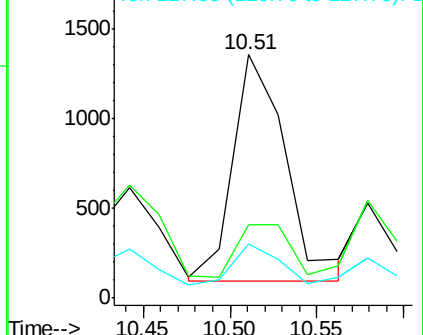
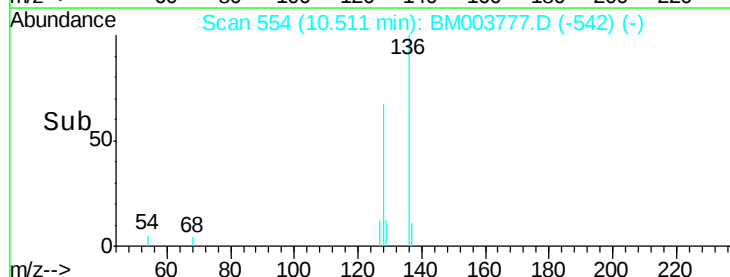
128 100

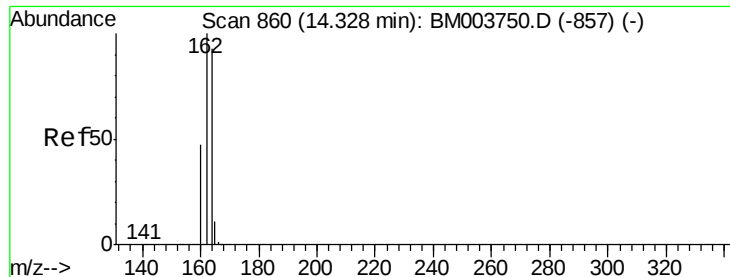
129 30.3 8.5 12.7#

127 22.2 11.0 16.4#



Abundance Ion 128.00 (127.70 to 128.70): BM003777.D (-542) (-)





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.33 min Scan# 860

Delta R.T. 0.00 min

Lab File: BM003777.D

Acq: 24 Dec 2015 14:29

Instrument :

BNA_M

ClientSampleId :

MW-3-122115

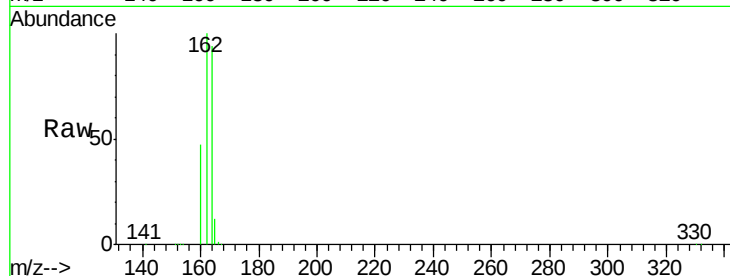
Tot Ion:164 Resp: 112854

Ion Ratio Lower Upper

164 100

162 106.5 86.0 129.0

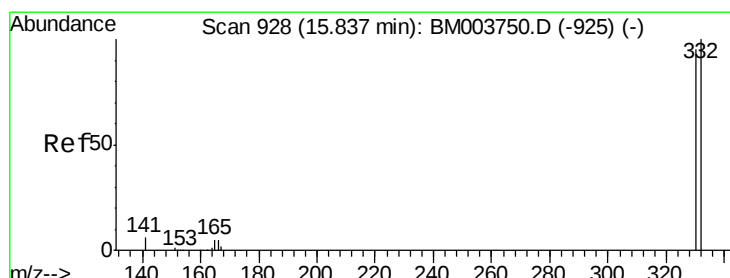
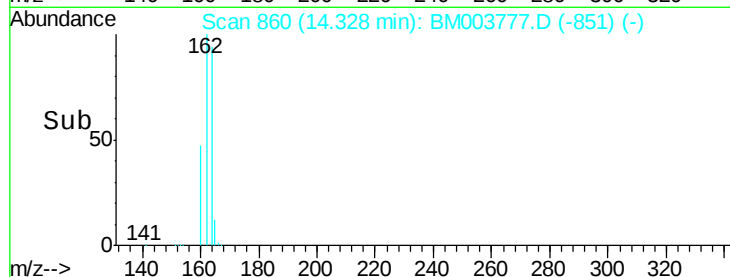
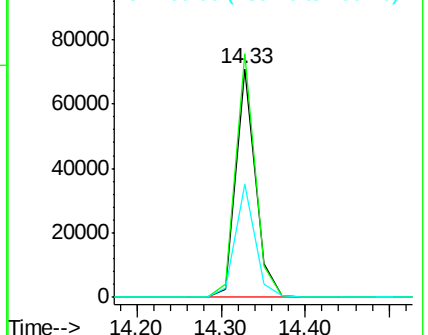
160 49.7 40.3 60.5



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



#14

2,4,6-Tribromophenol

Concen: 6.55 ng

RT: 15.84 min Scan# 928

Delta R.T. 0.00 min

Lab File: BM003777.D

Acq: 24 Dec 2015 14:29

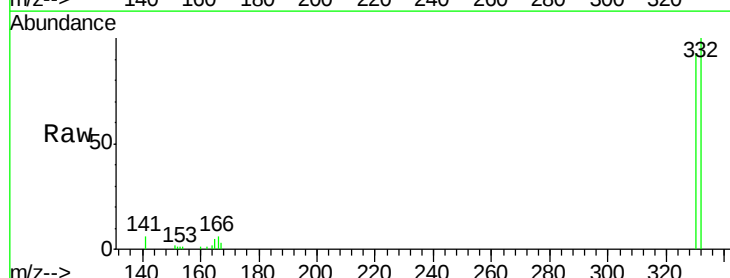
Tgt Ion:330 Resp: 23144

Ion Ratio Lower Upper

330 100

332 99.0 79.0 118.4

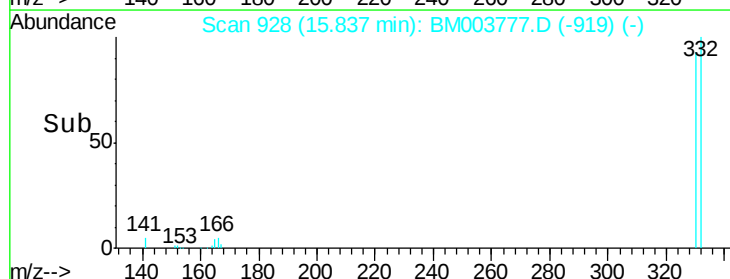
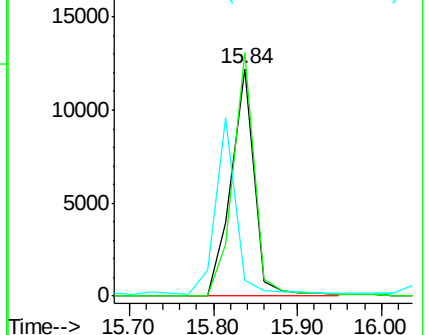
141 0.0 0.0 0.0

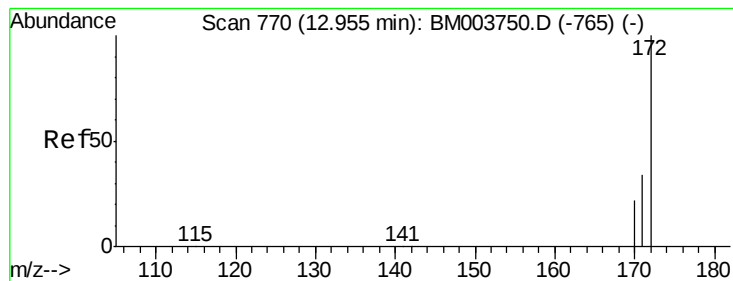


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

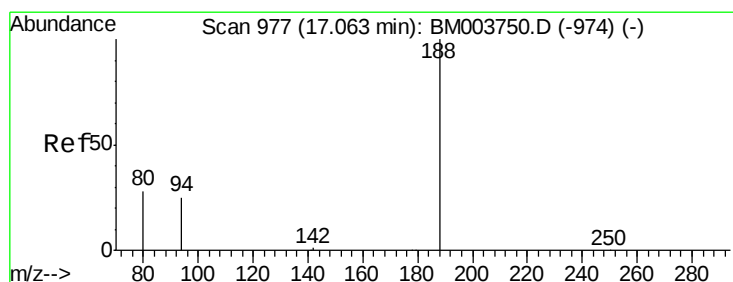
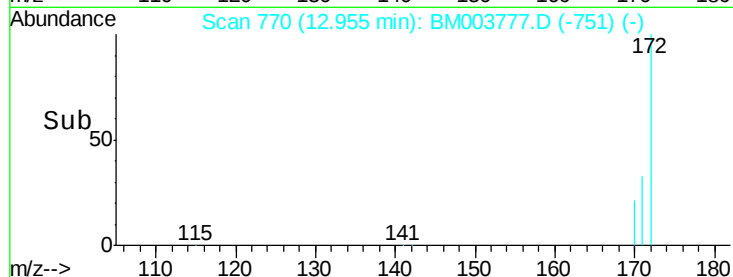
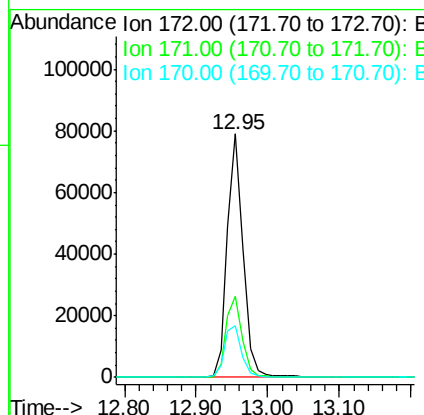
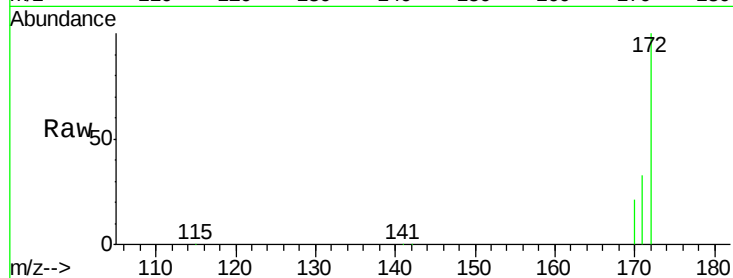




#15
2-Fluorobiphenyl
Concen: 3.52 ng
RT: 12.95 min Scan# 770
Delta R.T. 0.00 min
Lab File: BM003777.D
Acq: 24 Dec 2015 14:29

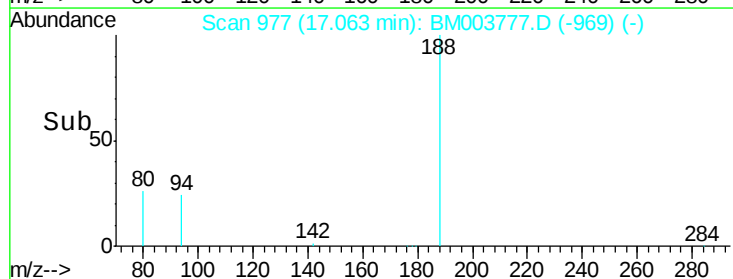
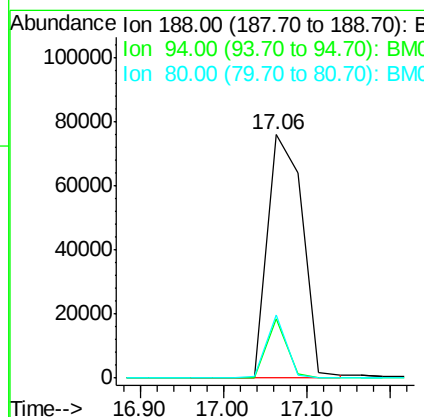
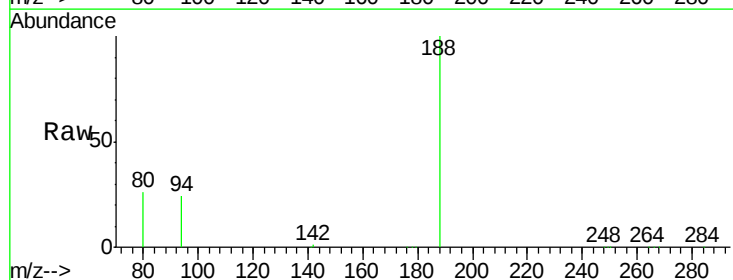
Instrument :
BNA_M
ClientSampled :
MW-3-122115

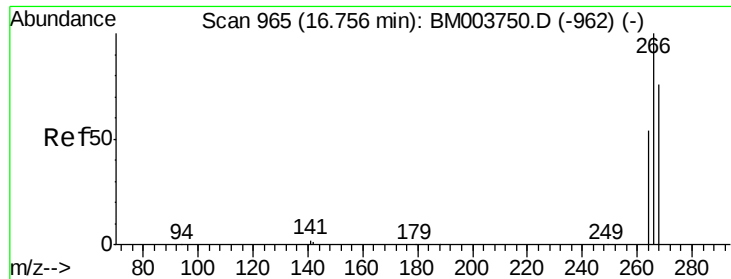
Tot Ion:172 Resp: 121424
Ion Ratio Lower Upper
172 100
171 33.3 27.0 40.6
170 21.3 17.9 26.9



#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.06 min Scan# 977
Delta R.T. 0.00 min
Lab File: BM003777.D
Acq: 24 Dec 2015 14:29

Tgt Ion:188 Resp: 218207
Ion Ratio Lower Upper
188 100
94 24.2 20.3 30.5
80 26.0 22.2 33.4





#22

Pentachlorophenol

Concen: 0.40 ng

RT: 16.76 min Scan# 965

Delta R.T. 0.00 min

Lab File: BM003777.D

Acq: 24 Dec 2015 14:29

Instrument :

BNA_M

ClientSampleId :

MW-3-122115

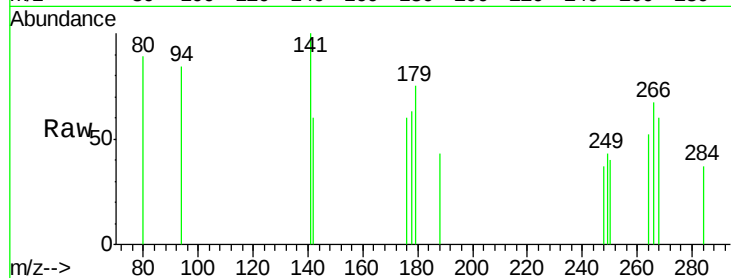
Tot Ion:266 Resp: 126

Ion Ratio Lower Upper

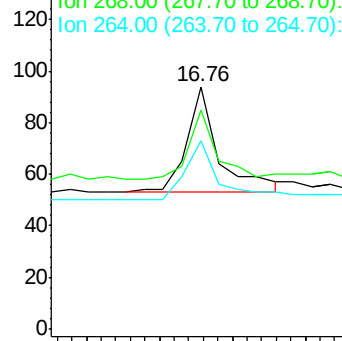
266 100

268 90.4 62.7 94.1

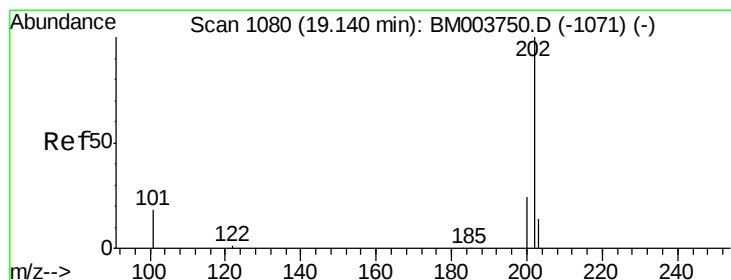
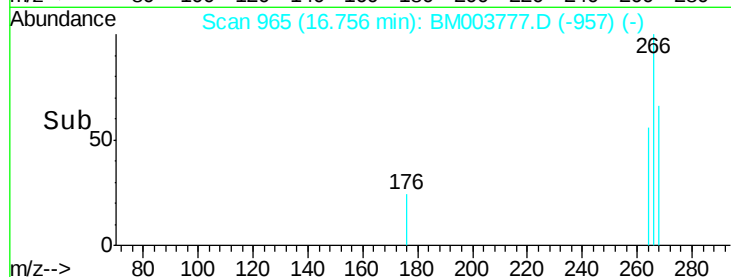
264 77.7 45.7 68.5#



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



Time-->



#25

Fluoranthene

Concen: 0.11 ng

RT: 19.16 min Scan# 1081

Delta R.T. 0.02 min

Lab File: BM003777.D

Acq: 24 Dec 2015 14:29

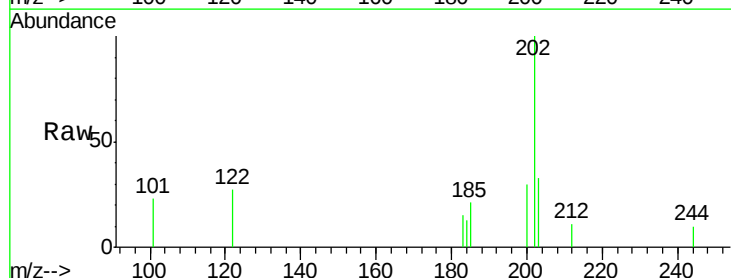
Tgt Ion:202 Resp: 1144

Ion Ratio Lower Upper

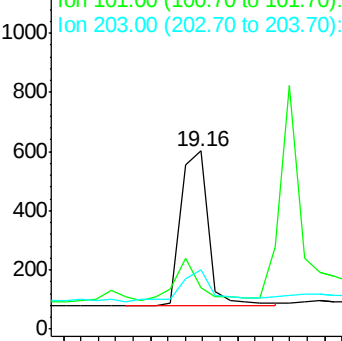
202 100

101 25.3 9.7 14.5#

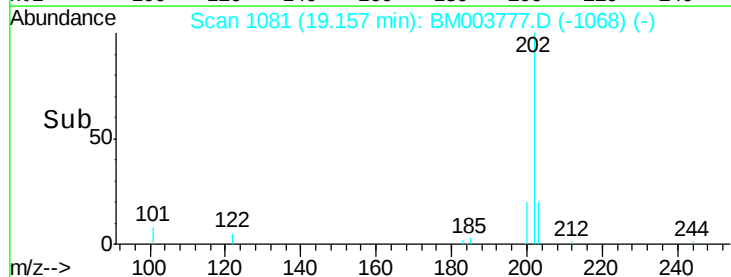
203 22.7 13.8 20.8#

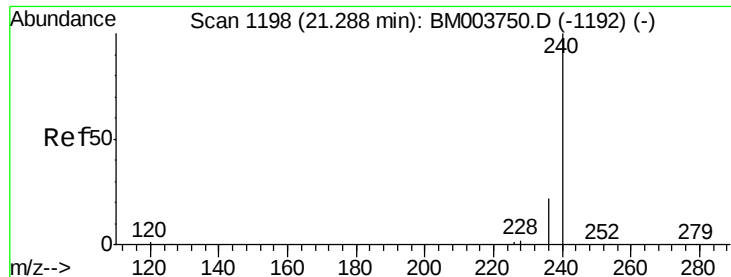


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->





#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.27 min Scan# 1197

Delta R.T. -0.02 min

Lab File: BM003777.D

Acq: 24 Dec 2015 14:29

Instrument :

BNA_M

ClientSampleId :

MW-3-122115

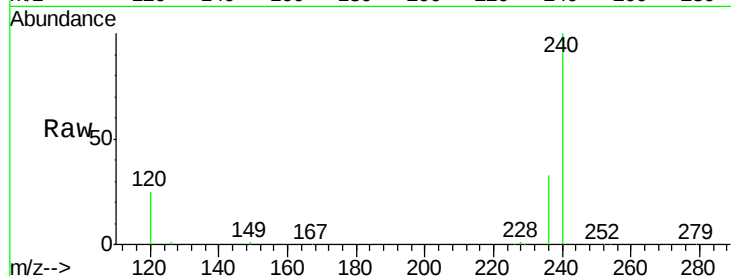
Tot Ion:240 Resp: 250295

Ion Ratio Lower Upper

240 100

120 24.9 0.9 1.3#

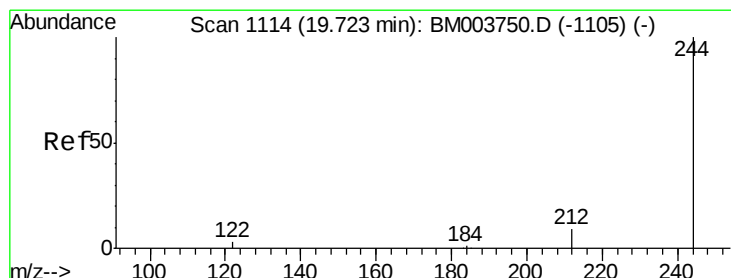
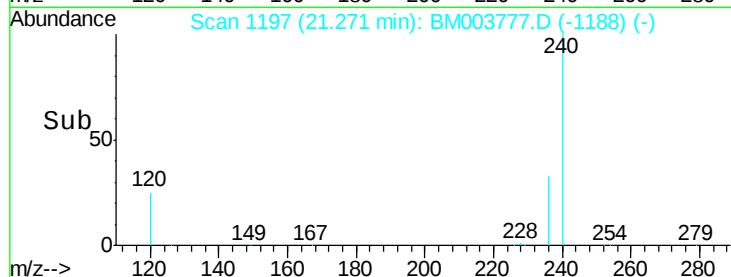
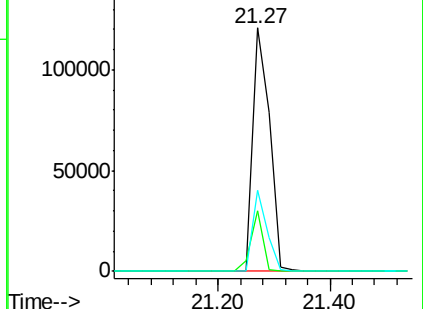
236 33.5 17.3 25.9#



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



#29

Terphenyl-d14

Concen: 4.15 ng

RT: 19.72 min Scan# 1114

Delta R.T. 0.00 min

Lab File: BM003777.D

Acq: 24 Dec 2015 14:29

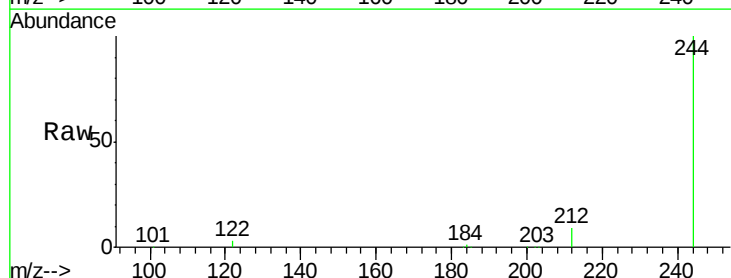
Tgt Ion:244 Resp: 164829

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.6

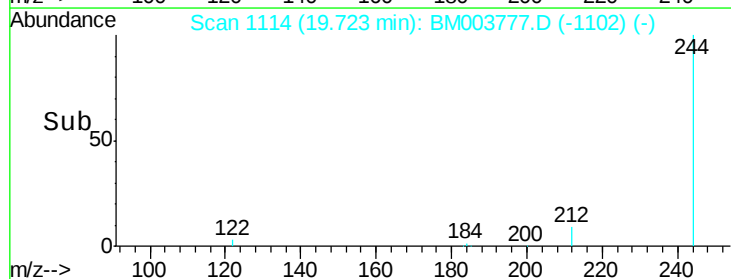
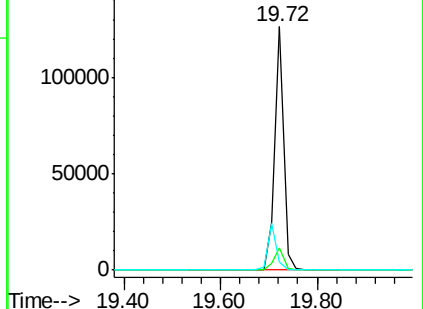
122 3.1 3.0 4.6

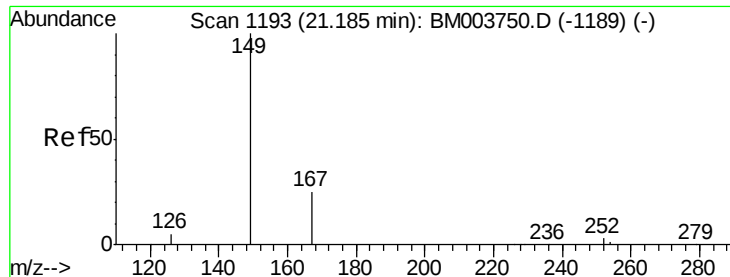


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#33

Bis(2-ethylhexyl)phthalate

Concen: 0.39 ng

RT: 21.19 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BM003777.D

Acq: 24 Dec 2015 14:29

Instrument :

BNA_M

ClientSampleId :

MW-3-122115

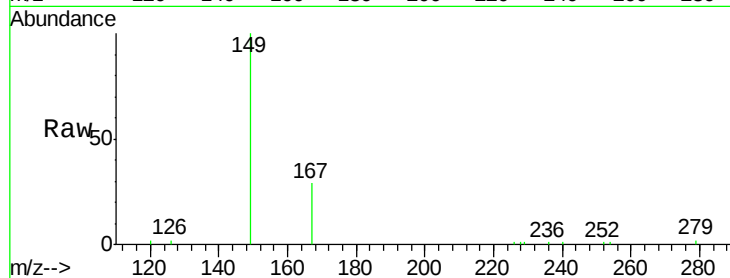
Tot Ion:149 Resp: 11556

Ion Ratio Lower Upper

149 100

167 26.5 20.1 30.1

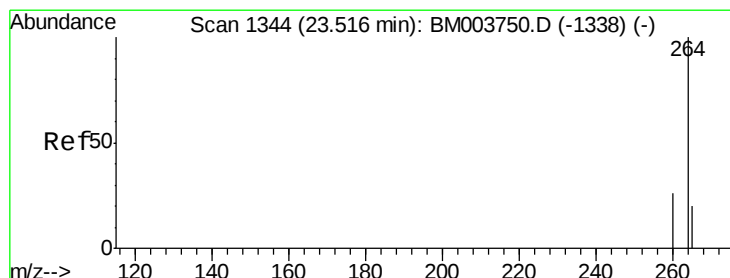
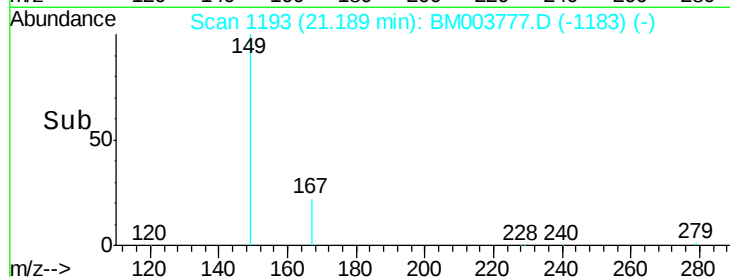
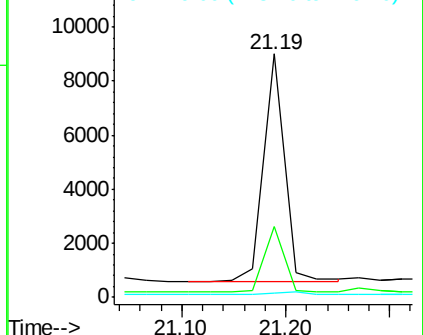
279 0.0 0.0 0.0



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

Perylene-d12

Concen: 5.00 ng

RT: 23.52 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BM003777.D

Acq: 24 Dec 2015 14:29

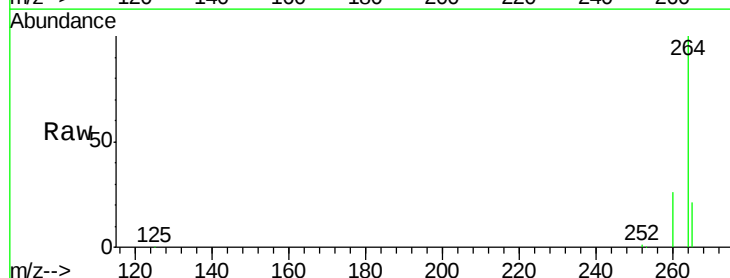
Tgt Ion:264 Resp: 236545

Ion Ratio Lower Upper

264 100

260 25.7 21.2 31.8

265 21.1 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

