

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122415\
 Data File : BM003775.D
 Acq On : 24 Dec 2015 13:16
 Operator : UM/SJ
 Sample : G4934-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-1-122115

Quant Time: Dec 24 17:12:52 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

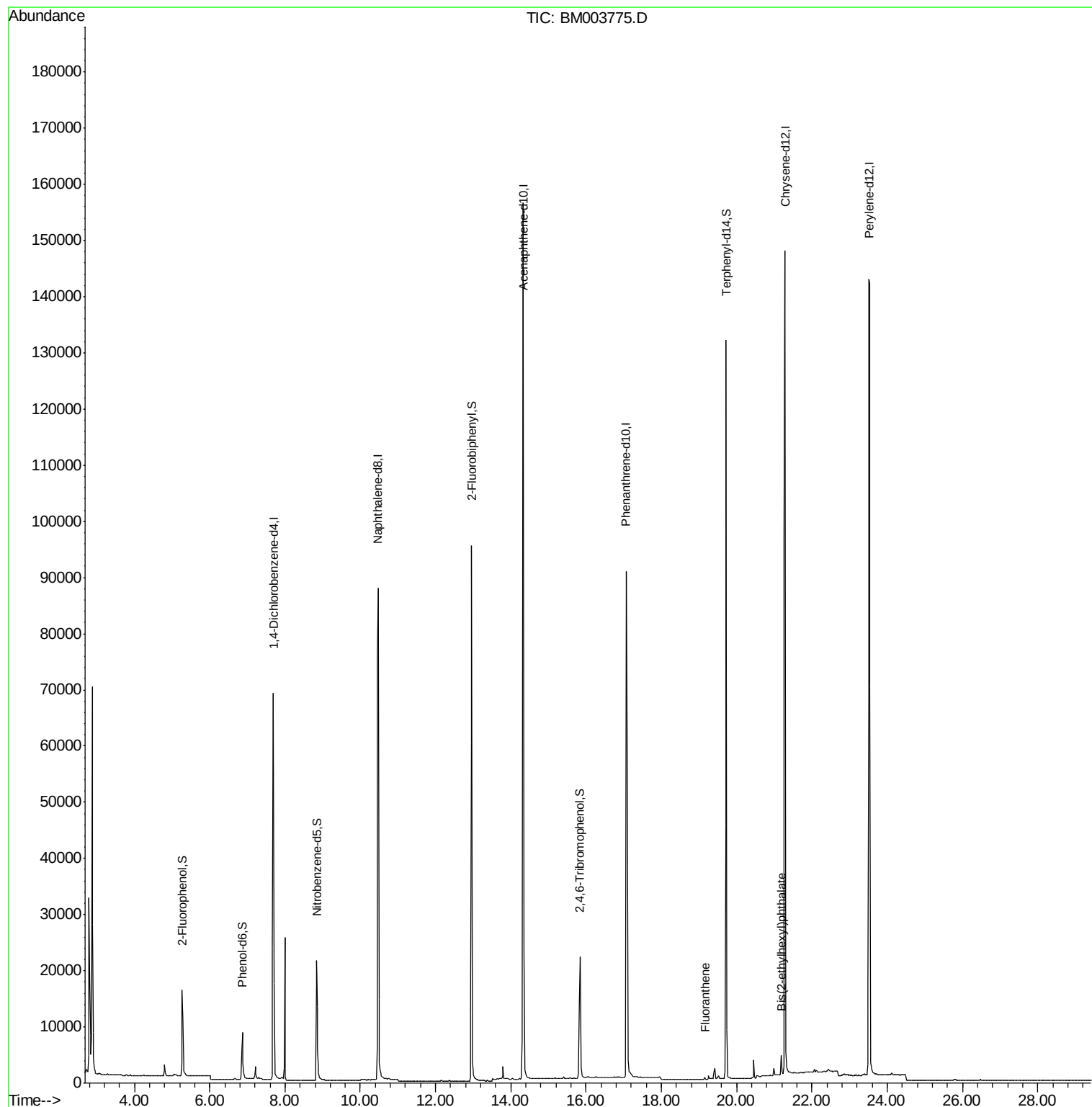
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	36649	5.00	ng	0.00
7) Naphthalene-d8	10.48	136	158699	5.00	ng	0.00
13) Acenaphthene-d10	14.33	164	92190	5.00	ng	0.00
19) Phenanthrene-d10	17.06	188	178440	5.00	ng	0.00
26) Chrysene-d12	21.29	240	208771	5.00	ng	0.00
35) Perylene-d12	23.53	264	199736	5.00	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	16236	1.87	ng	0.00
5) Phenol-d6	6.87	99	12275	1.16	ng	0.00
8) Nitrobenzene-d5	8.85	82	22643	2.69	ng	0.00
14) 2,4,6-Tribromophenol	15.84	330	17636	6.12	ng	0.00
15) 2-Fluorobiphenyl	12.95	172	95590	3.39	ng	0.00
29) Terphenyl-d14	19.72	244	147462	4.46	ng	0.00
Target Compounds						
25) Fluoranthene	19.16	202	535	0.11	ng	# 90
33) Bis(2-ethylhexyl)phthalate	21.19	149	4010	0.28	ng	# 95

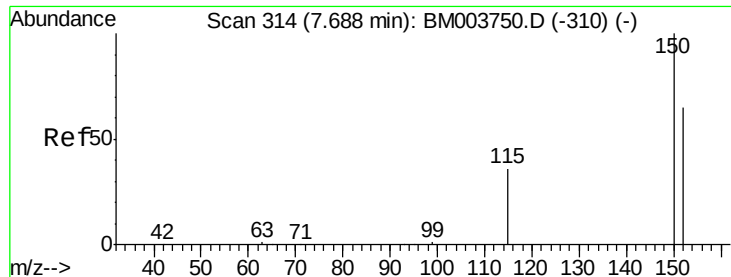
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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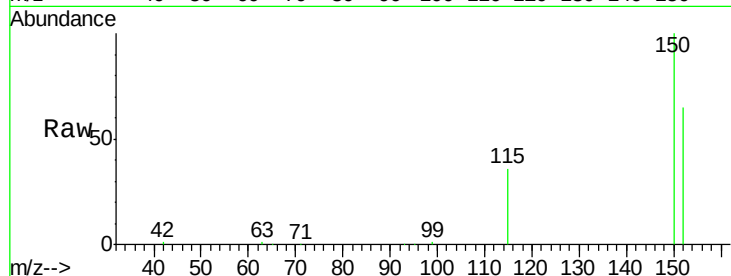


#1

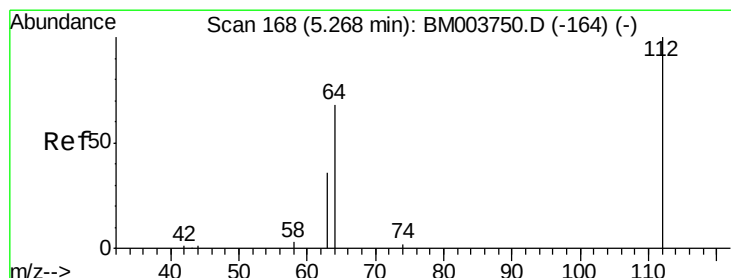
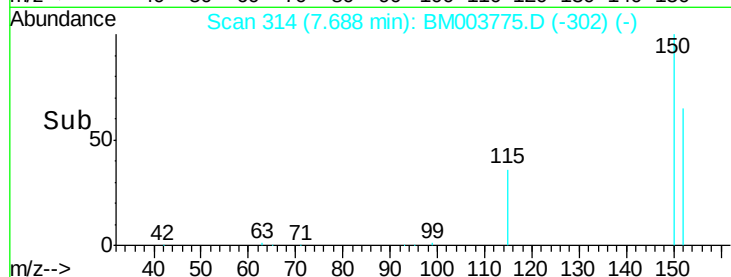
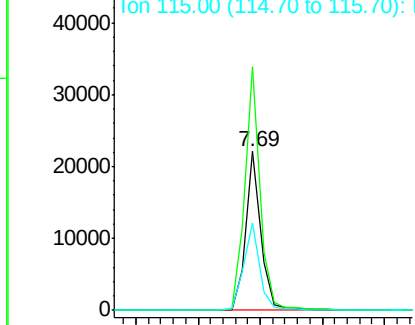
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.69 min Scan# 314
Delta R.T. 0.00 min
Lab File: BM003775.D
Acq: 24 Dec 2015 13:16

Instrument :
BNA_M
ClientSampleId :
MW-1-122115

Tot Ion:152 Resp: 36649
Ion Ratio Lower Upper
152 100
150 153.5 122.9 184.3
115 55.3 44.4 66.6



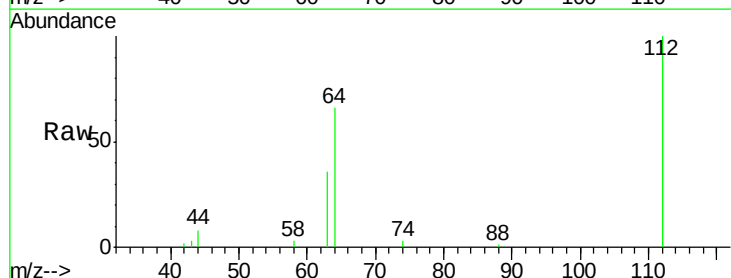
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



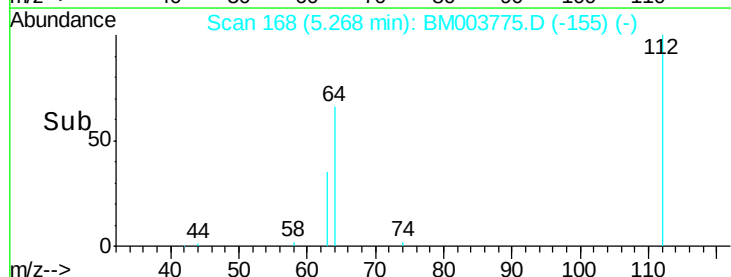
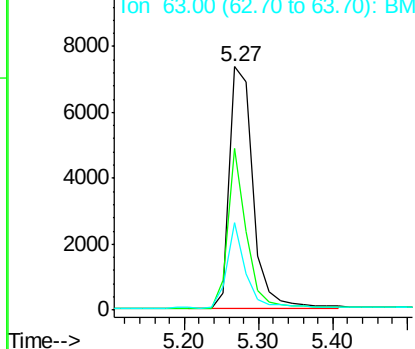
#4

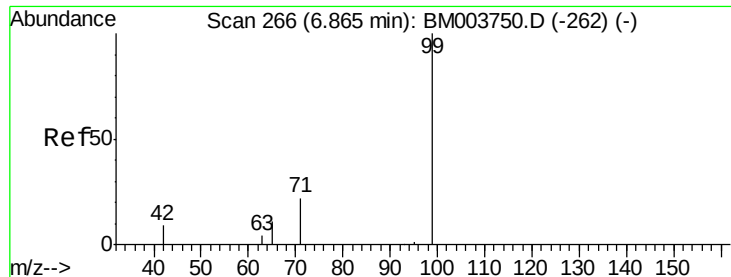
2-Fluorophenol
Concen: 1.87 ng
RT: 5.27 min Scan# 168
Delta R.T. 0.00 min
Lab File: BM003775.D
Acq: 24 Dec 2015 13:16

Tgt Ion:112 Resp: 16236
Ion Ratio Lower Upper
112 100
64 52.2 41.8 62.8
63 27.8 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: 1.16 ng

RT: 6.87 min Scan# 266

Delta R.T. 0.00 min

Lab File: BM003775.D

Acq: 24 Dec 2015 13:16

Instrument :

BNA_M

ClientSampleId :

MW-1-122115

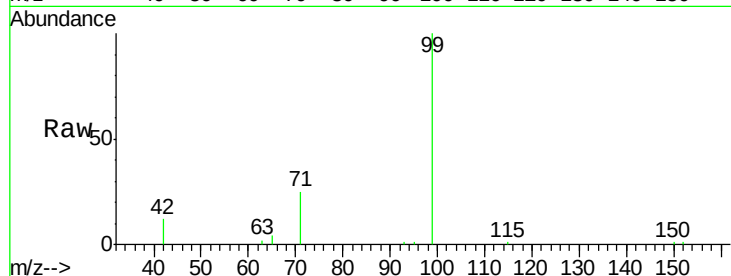
Tot Ion: 99 Resp: 12275

Ion Ratio Lower Upper

99 100

42 18.9 16.2 24.2

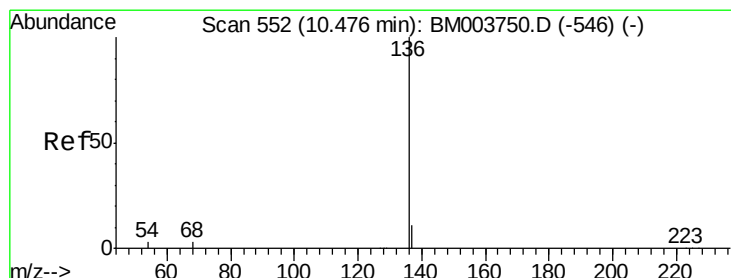
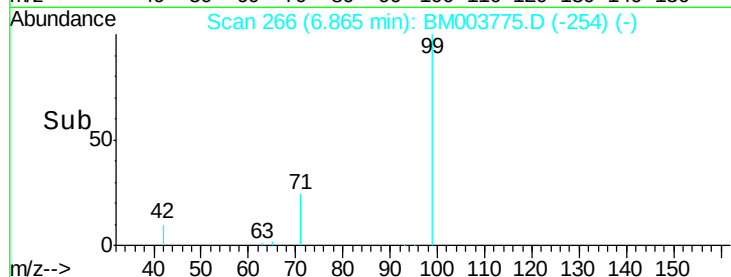
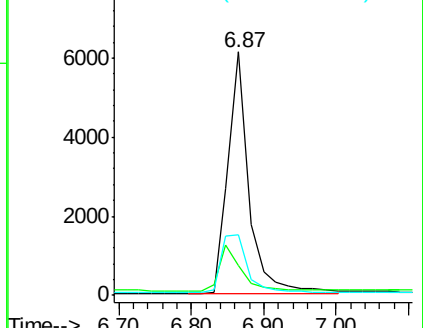
71 30.9 24.4 36.6



Abundance Ion 99.00 (98.70 to 99.70): BM003775.D (-262) (-)

Ion 42.00 (41.70 to 42.70): BM003775.D (-262) (-)

Ion 71.00 (70.70 to 71.70): BM003775.D (-262) (-)



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.48 min Scan# 552

Delta R.T. 0.00 min

Lab File: BM003775.D

Acq: 24 Dec 2015 13:16

Tgt Ion: 136 Resp: 158699

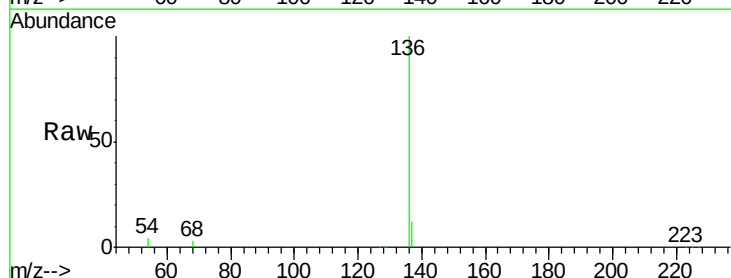
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 3.8 2.8 4.2

68 3.3 2.5 3.7

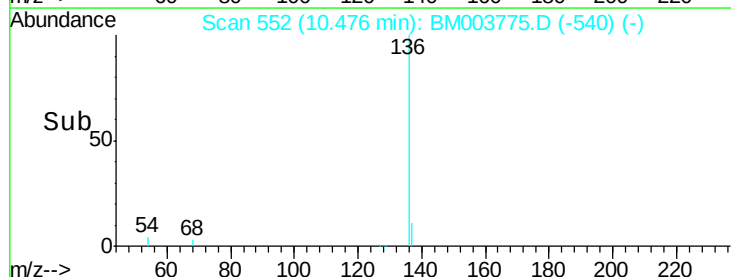
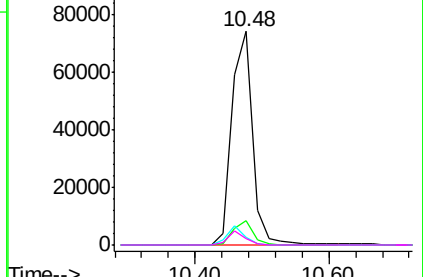


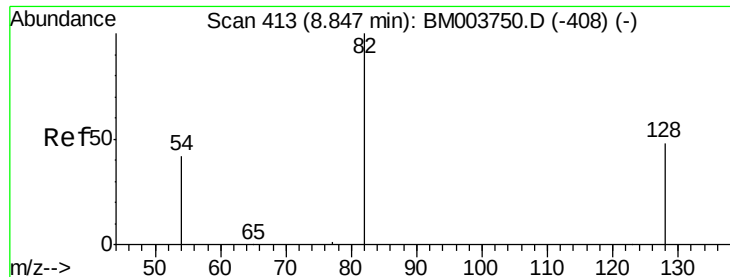
Abundance Ion 136.00 (135.70 to 136.70): BM003775.D (-546) (-)

Ion 137.00 (136.70 to 137.70): BM003775.D (-546) (-)

Ion 54.00 (53.70 to 54.70): BM003775.D (-546) (-)

Ion 68.00 (67.70 to 68.70): BM003775.D (-546) (-)





#8

Nitrobenzene-d5

Concen: 2.69 ng

RT: 8.85 min Scan# 413

Delta R.T. 0.00 min

Lab File: BM003775.D

Acq: 24 Dec 2015 13:16

Instrument :

BNA_M

ClientSampleId :

MW-1-122115

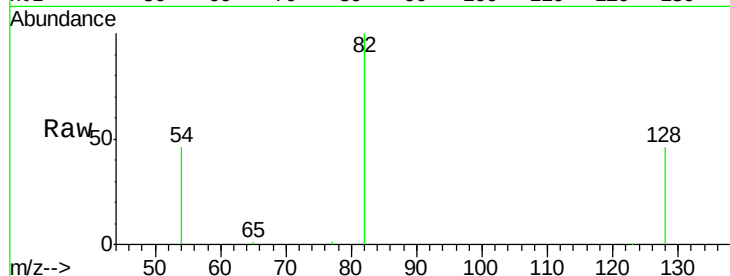
Tot Ion: 82 Resp: 22643

Ion Ratio Lower Upper

82 100

128 46.2 39.1 58.7

54 45.6 34.8 52.2



Abundance Ion 82.00 (81.70 to 82.70): BM003775.D (-394) (-)

Ion 128.00 (127.70 to 128.70): BM003775.D (-394) (-)

Ion 54.00 (53.70 to 54.70): BM003775.D (-394) (-)

8.85

15000

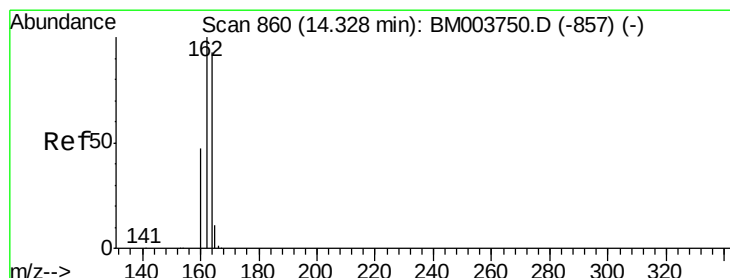
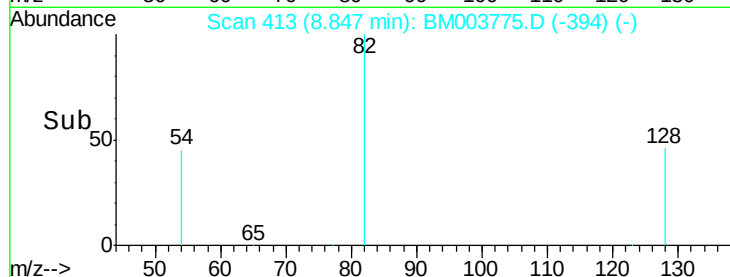
10000

5000

0

Time-->

8.70 8.80 8.90 9.00



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.33 min Scan# 860

Delta R.T. 0.00 min

Lab File: BM003775.D

Acq: 24 Dec 2015 13:16

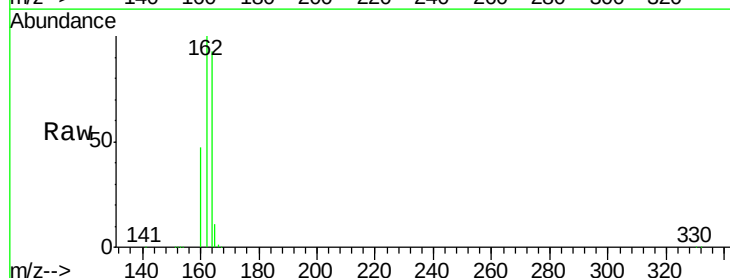
Tgt Ion: 164 Resp: 92190

Ion Ratio Lower Upper

164 100

162 107.7 86.0 129.0

160 50.3 40.3 60.5



Abundance Ion 164.00 (163.70 to 164.70): BM003775.D (-851) (-)

Ion 162.00 (161.70 to 162.70): BM003775.D (-851) (-)

Ion 160.00 (159.70 to 160.70): BM003775.D (-851) (-)

14.33

80000

60000

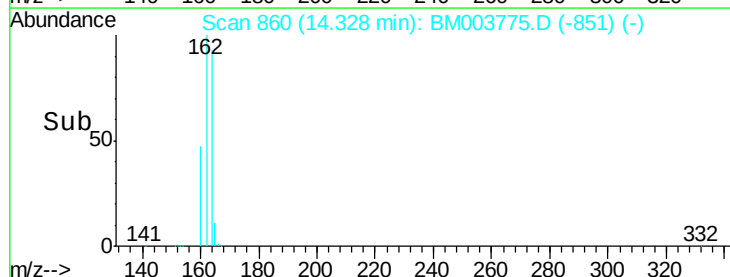
40000

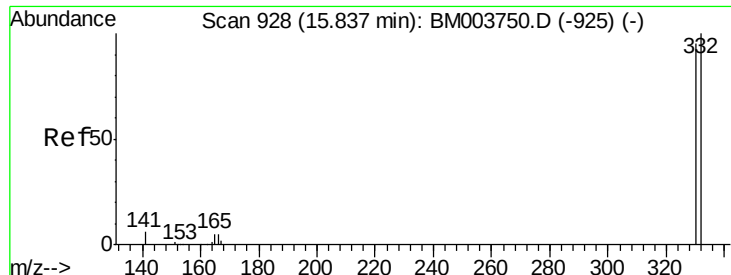
20000

0

Time-->

14.20 14.30 14.40

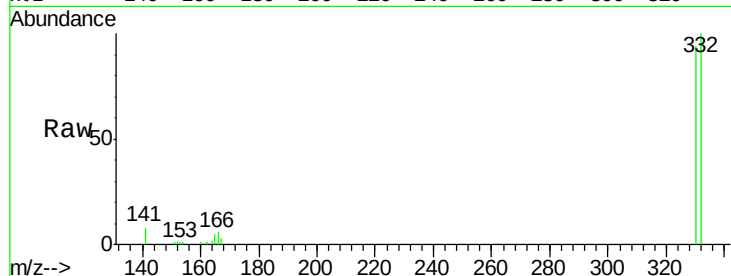




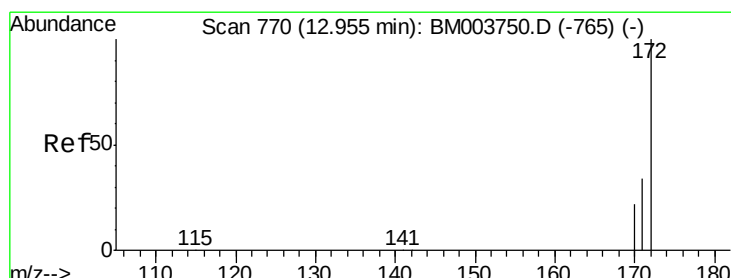
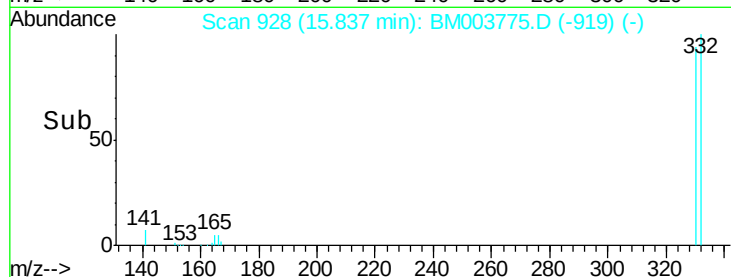
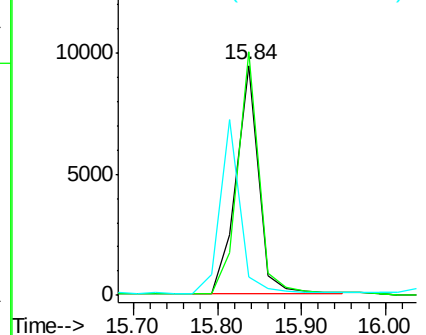
#14
 2,4,6-Tribromophenol
 Concen: 6.12 ng
 RT: 15.84 min Scan# 928
 Delta R.T. 0.00 min
 Lab File: BM003775.D
 Acq: 24 Dec 2015 13:16

Instrument :
 BNA_M
 ClientSampleId :
 MW-1-122115

Tot Ion:330 Resp: 17636
 Ion Ratio Lower Upper
 330 100
 332 99.0 79.0 118.4
 141 0.0 0.0 0.0

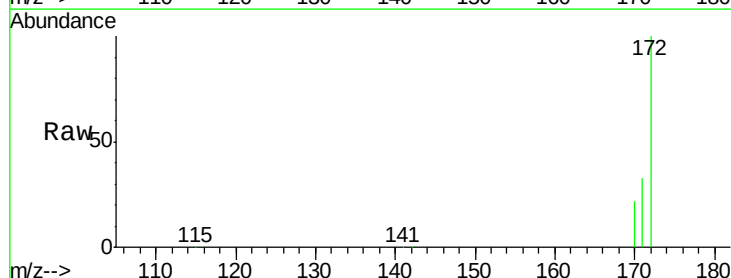


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

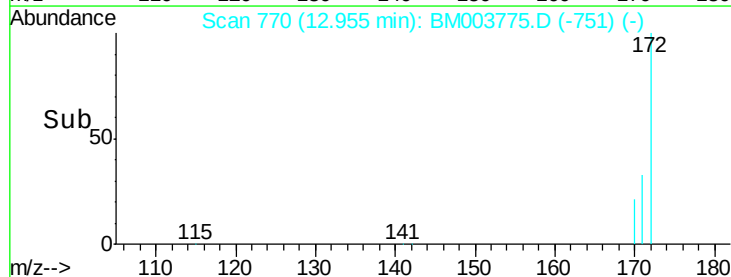
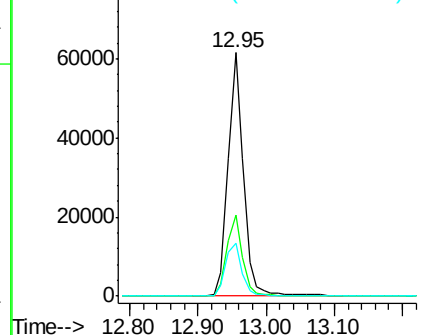


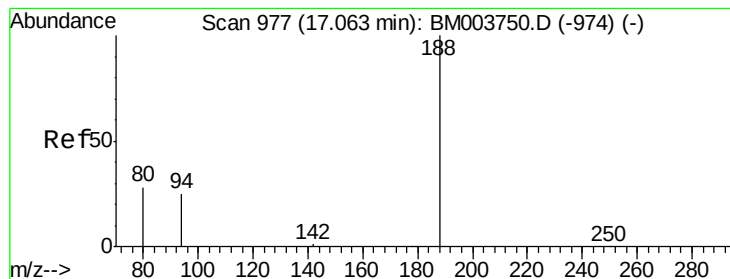
#15
 2-Fluorobiphenyl
 Concen: 3.39 ng
 RT: 12.95 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BM003775.D
 Acq: 24 Dec 2015 13:16

Tgt Ion:172 Resp: 95590
 Ion Ratio Lower Upper
 172 100
 171 33.3 27.0 40.6
 170 21.6 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: 17.06 min Scan# 977

Delta R.T. 0.00 min

Lab File: BM003775.D

Acq: 24 Dec 2015 13:16

Instrument :

BNA_M

ClientSampleId :

MW-1-122115

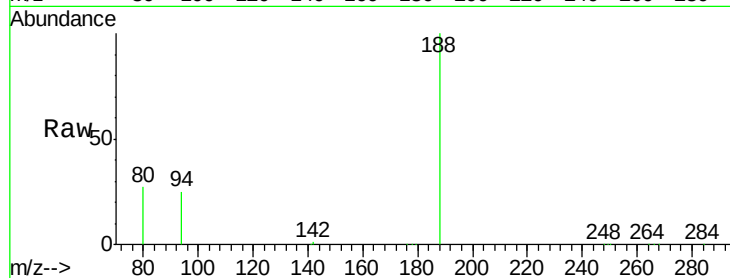
Tot Ion:188 Resp: 178440

Ion Ratio Lower Upper

188 100

94 24.6 20.3 30.5

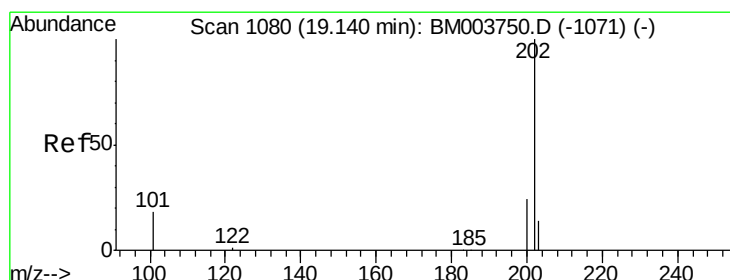
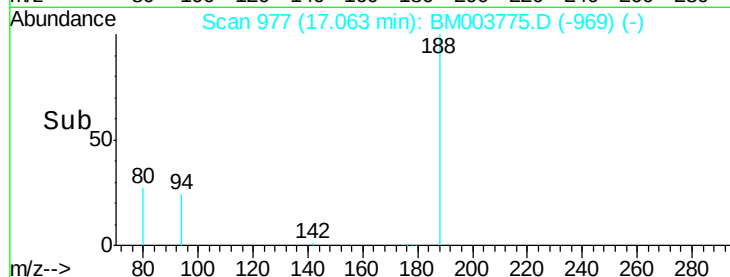
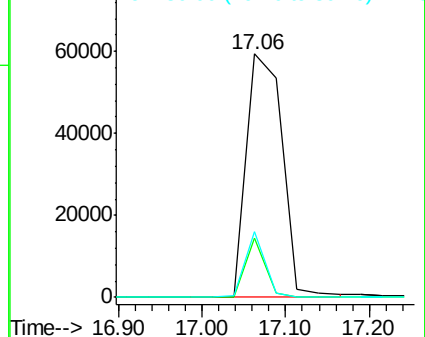
80 26.9 22.2 33.4



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



#25

Fluoranthene

Concen: 0.11 ng

RT: 19.16 min Scan# 1081

Delta R.T. 0.02 min

Lab File: BM003775.D

Acq: 24 Dec 2015 13:16

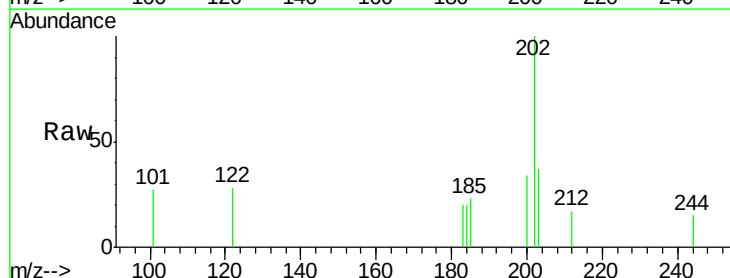
Tgt Ion:202 Resp: 535

Ion Ratio Lower Upper

202 100

101 16.3 9.7 14.5#

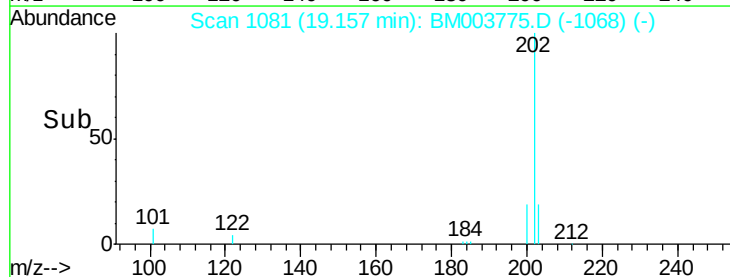
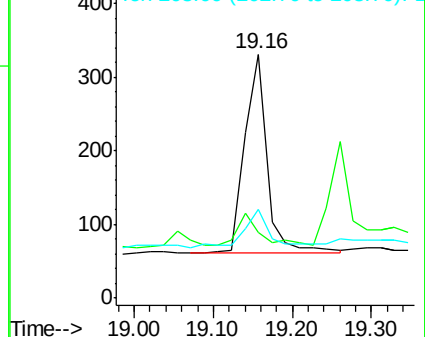
203 21.7 13.8 20.8#

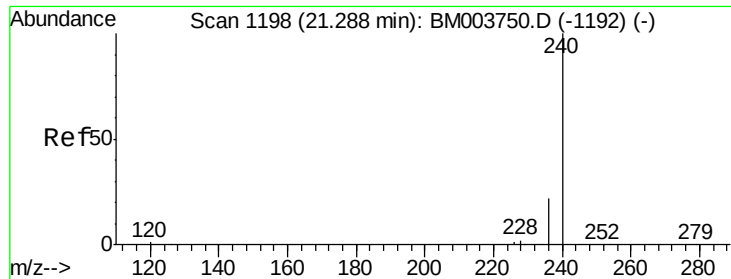


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.29 min Scan# 1198

Delta R.T. 0.00 min

Lab File: BM003775.D

Acq: 24 Dec 2015 13:16

Instrument :

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MW-1-122115

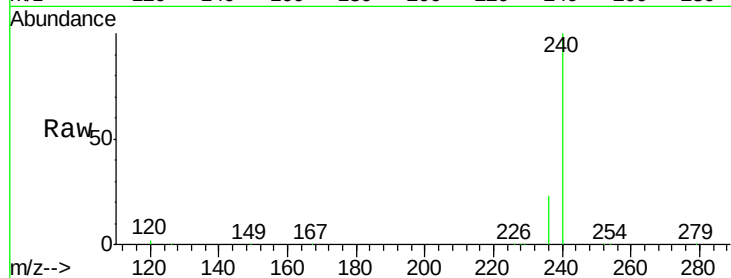
Tot Ion:240 Resp: 208771

Ion Ratio Lower Upper

240 100

120 1.5 0.9 1.3#

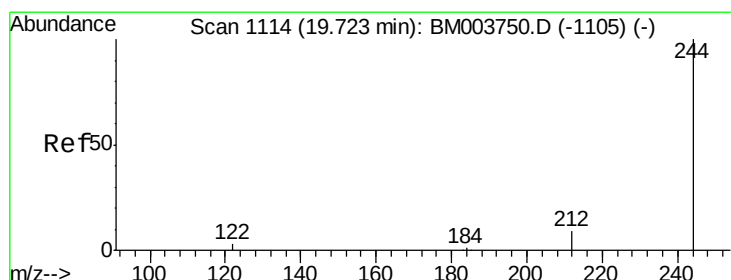
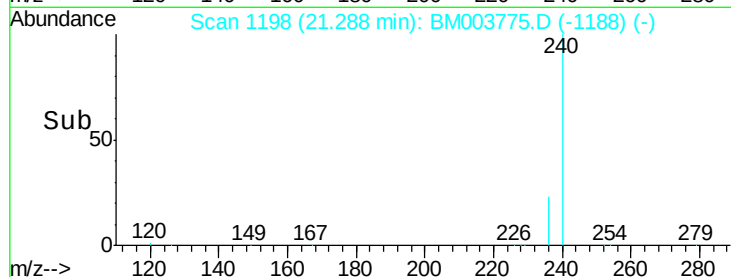
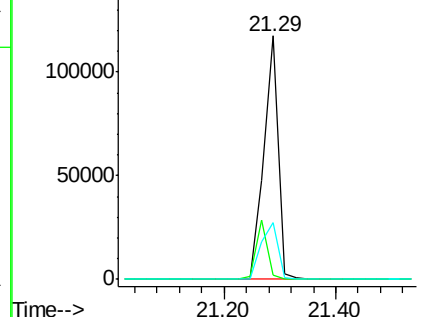
236 23.2 17.3 25.9



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: 4.46 ng

RT: 19.72 min Scan# 1114

Delta R.T. 0.00 min

Lab File: BM003775.D

Acq: 24 Dec 2015 13:16

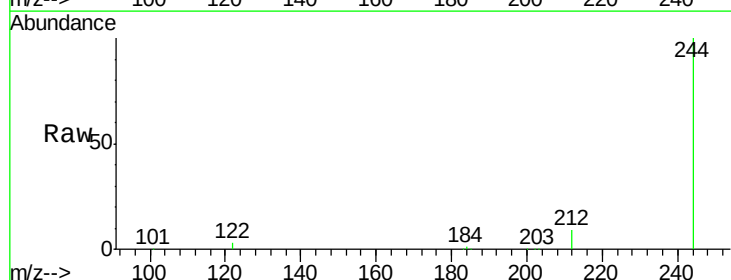
Tgt Ion:244 Resp: 147462

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.6

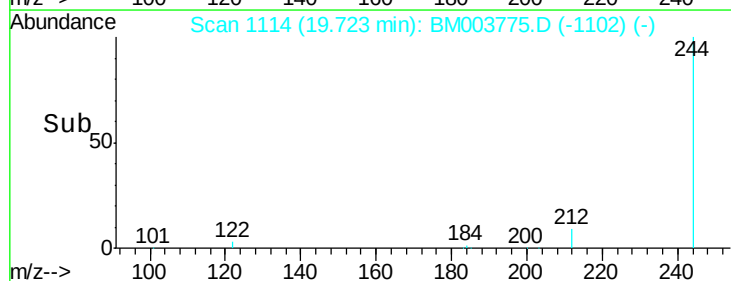
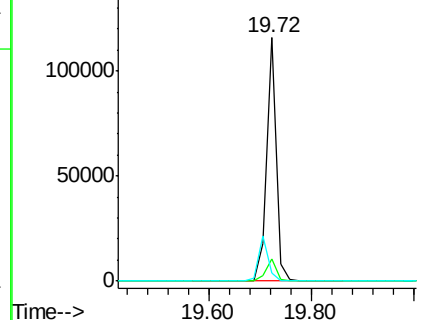
122 3.2 3.0 4.6

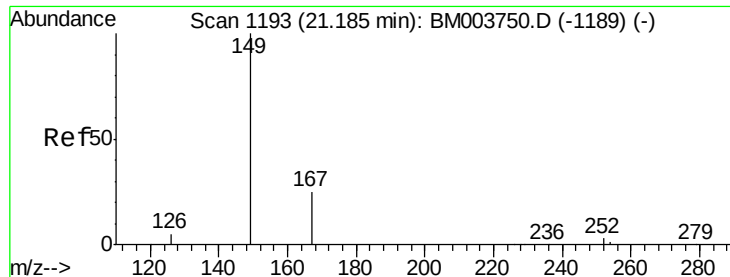


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#33

Bis(2-ethylhexyl)phthalate

Concen: 0.28 ng

RT: 21.19 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BM003775.D

Acq: 24 Dec 2015 13:16

Instrument :

BNA_M

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MW-1-122115

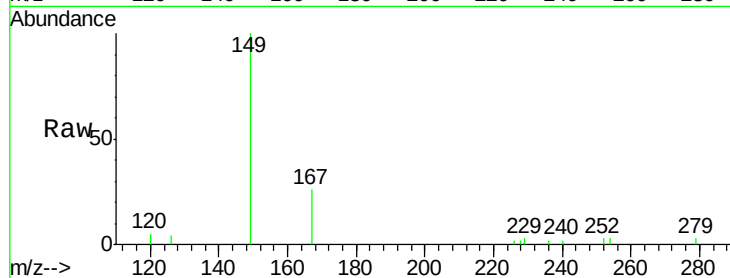
Tot Ion:149 Resp: 4010

Ion Ratio Lower Upper

149 100

167 22.5 20.1 30.1

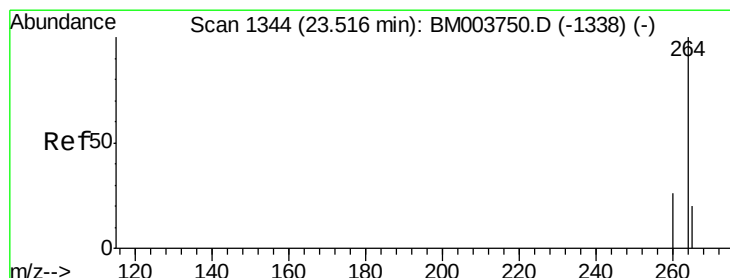
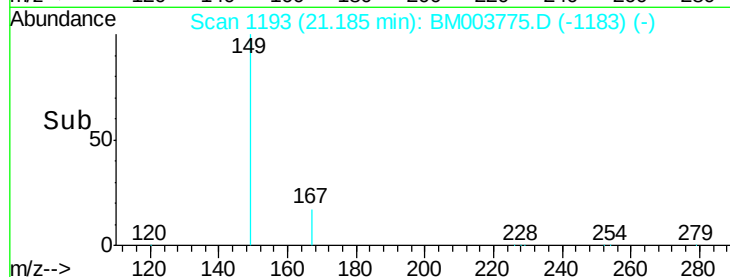
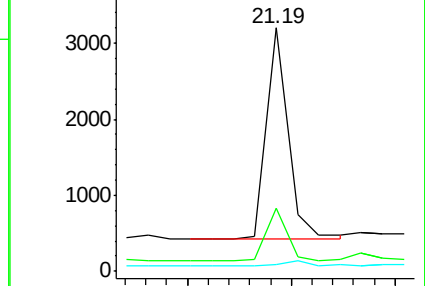
279 0.0 0.0 0.0



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: 23.53 min Scan# 1346

Delta R.T. 0.01 min

Lab File: BM003775.D

Acq: 24 Dec 2015 13:16

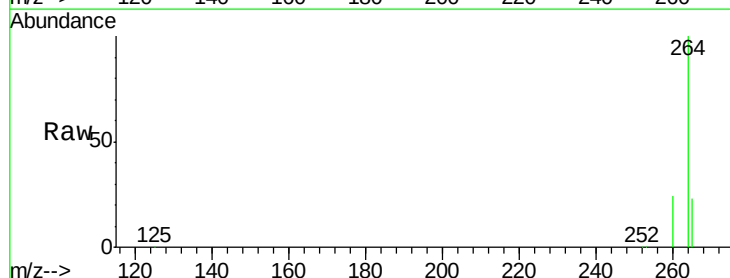
Tgt Ion:264 Resp: 199736

Ion Ratio Lower Upper

264 100

260 23.8 21.2 31.8

265 22.5 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

