

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
 Data File : BF077944.D
 Acq On : 25 Mar 2015 8:51
 Operator : TP/IZ
 Sample : G1615-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-2

Quant Time: Mar 25 09:28:16 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 25 09:01:46 2015
 Response via : Initial Calibration

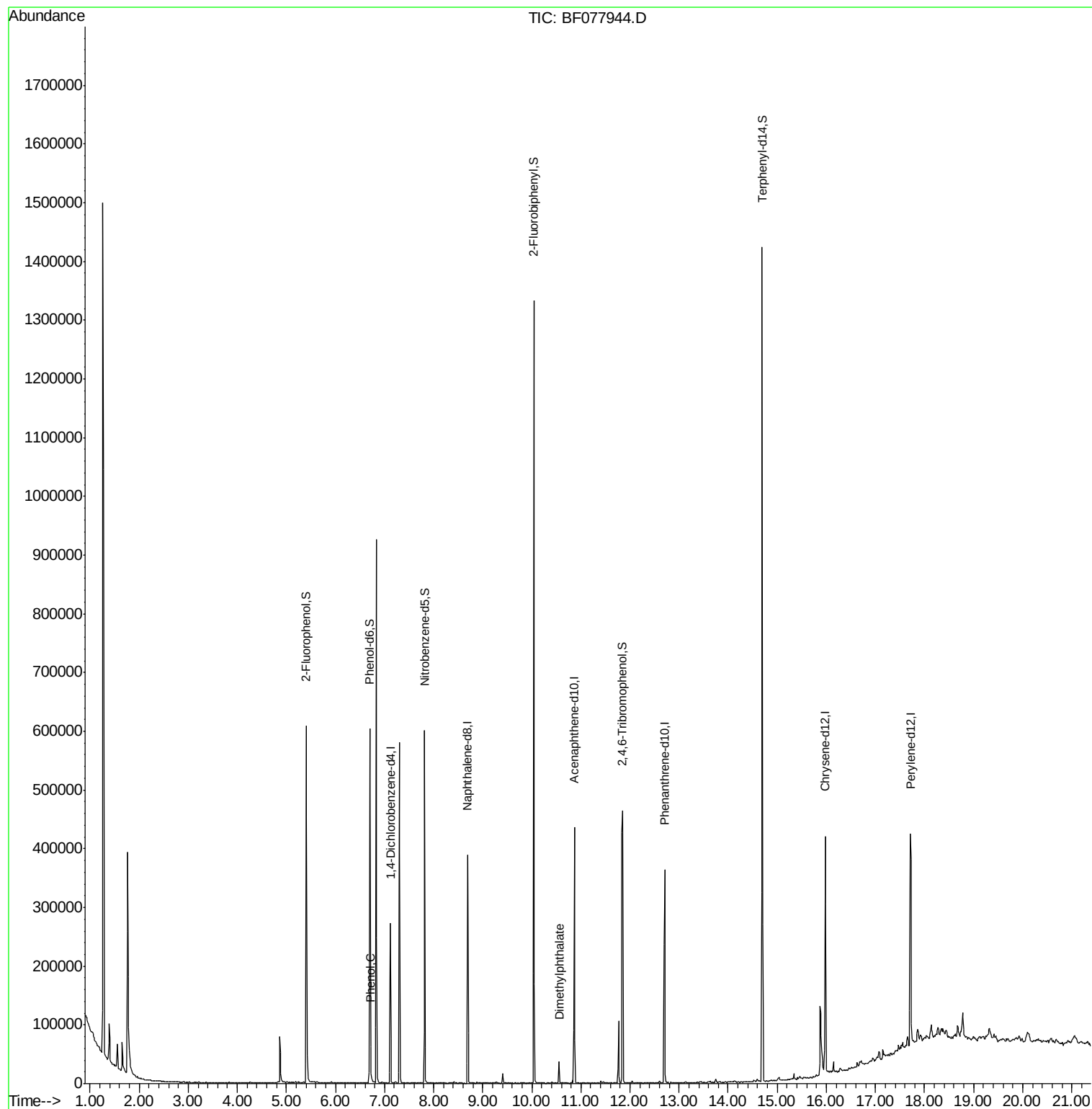
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	44065	20.00	ng	0.00
21) Naphthalene-d8	8.69	136	182324	20.00	ng	0.00
38) Acenaphthene-d10	10.87	164	90631	20.00	ng	0.00
63) Phenanthrene-d10	12.71	188	177360	20.00	ng	0.01
75) Chrysene-d12	15.97	240	196218	20.00	ng	-0.01
86) Perylene-d12	17.71	264	193946	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	245692	97.32	ng	0.00
7) Phenol-d6	6.69	99	315288	101.09	ng	0.00
23) Nitrobenzene-d5	7.81	82	183761	66.07	ng	0.00
41) 2,4,6-Tribromophenol	11.85	330	79223	91.36	ng	0.01
44) 2-Fluorobiphenyl	10.04	172	415344	67.35	ng	0.00
78) Terphenyl-d14	14.69	244	490933	61.12	ng	0.00
Target Compounds						
10) Phenol	6.72	94	8987	2.44	ng	79
49) Dimethylphthalate	10.56	163	24328	3.62	ng	96

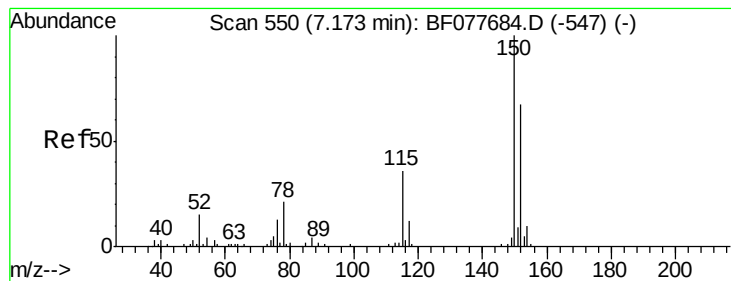
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.12 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF077944.D

Acq: 25 Mar 2015 8:51

Instrument :

BNA_F

ClientSampleId :

SB-15-2

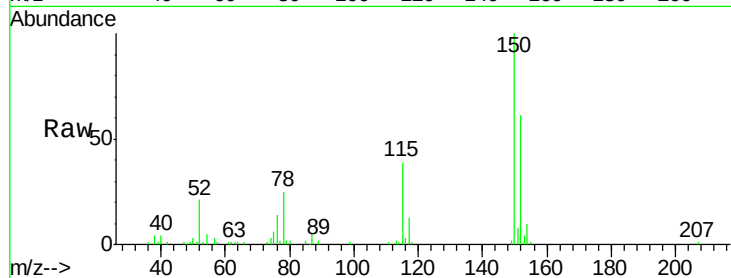
Tgt Ion:152 Resp: 44065

Ion Ratio Lower Upper

152 100

150 162.9 119.5 179.3

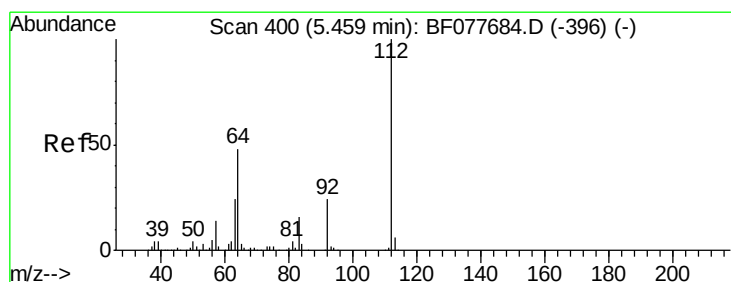
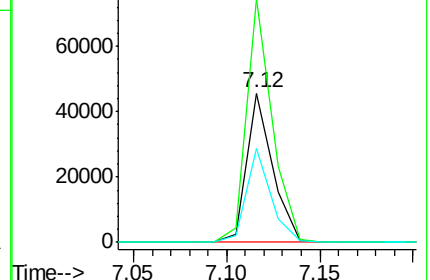
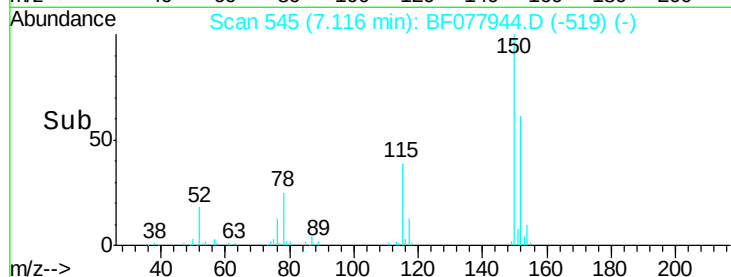
115 63.0 43.0 64.4



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



#5

2-Fluorophenol

Concen: 97.32 ng

RT: 5.40 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF077944.D

Acq: 25 Mar 2015 8:51

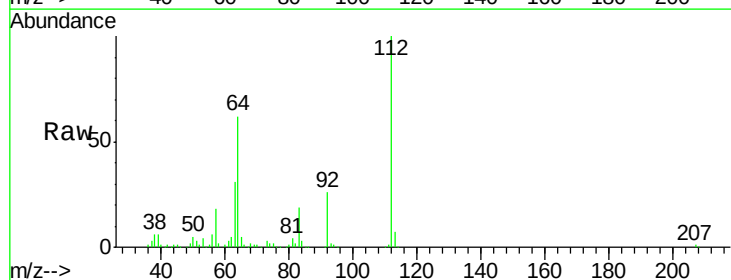
Tgt Ion:112 Resp: 245692

Ion Ratio Lower Upper

112 100

64 61.7 38.6 57.8#

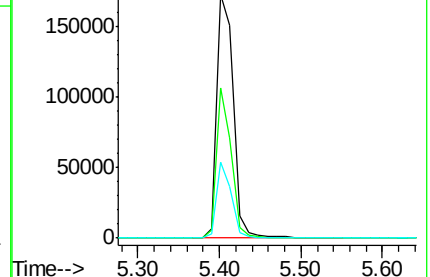
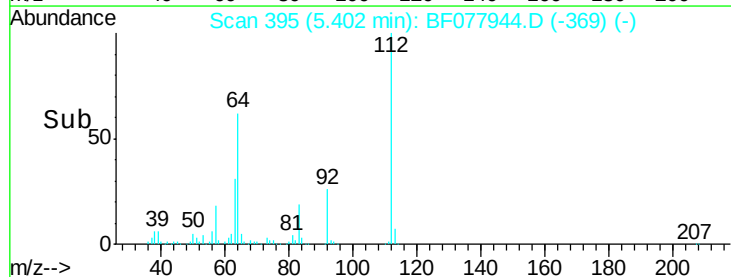
63 31.4 19.3 28.9#

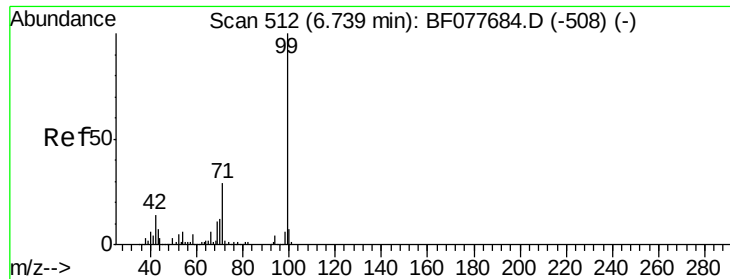


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 101.09 ng

RT: 6.69 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF077944.D

Acq: 25 Mar 2015 8:51

Instrument :

BNA_F

ClientSampleId :

SB-15-2

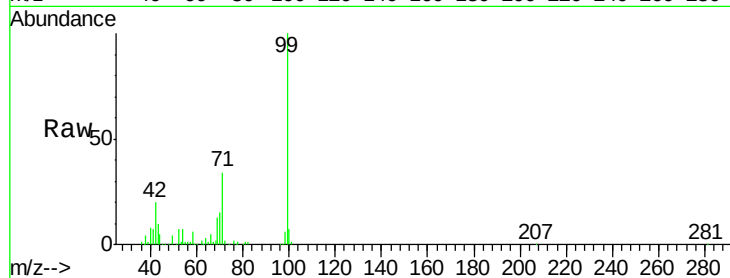
Tgt Ion: 99 Resp: 315288

Ion Ratio Lower Upper

99 100

42 19.7 11.0 16.4#

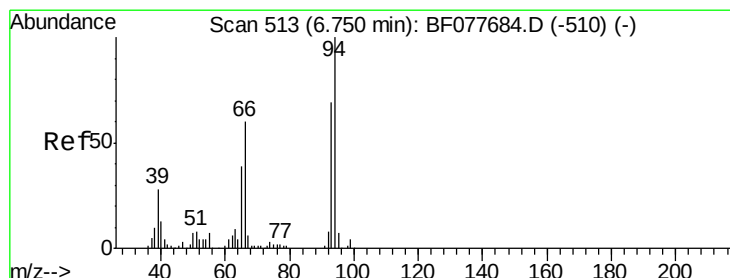
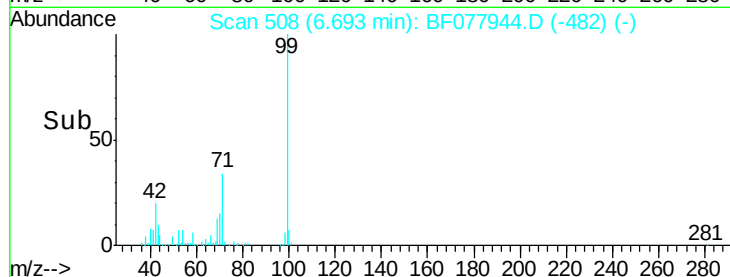
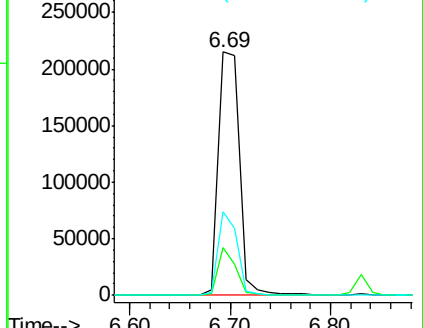
71 34.5 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.44 ng

RT: 6.72 min Scan# 510

Delta R.T. 0.01 min

Lab File: BF077944.D

Acq: 25 Mar 2015 8:51

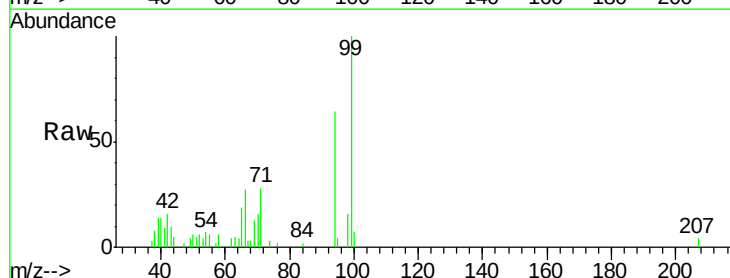
Tgt Ion: 94 Resp: 8987

Ion Ratio Lower Upper

94 100

65 29.3 18.8 58.8

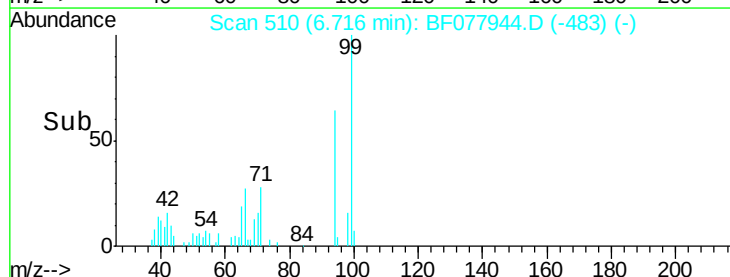
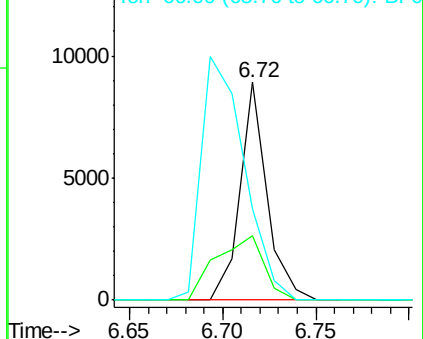
66 41.9 39.9 79.9

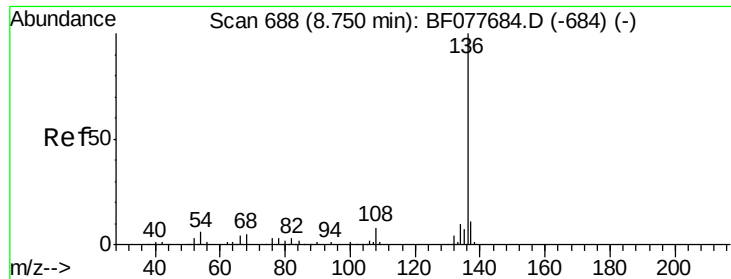


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.69 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF077944.D

Acq: 25 Mar 2015 8:51

Instrument :

BNA_F

ClientSampleId :

SB-15-2

Tgt Ion:136 Resp: 182324

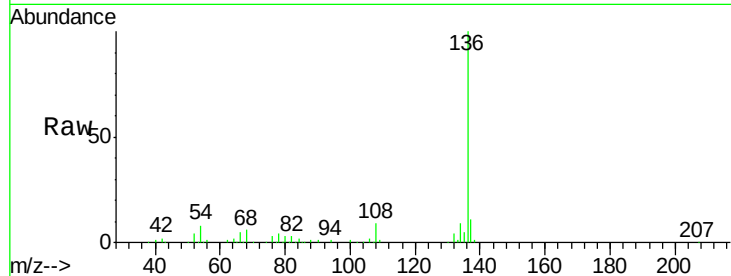
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 7.7 4.6 6.8#

68 5.7 3.7 5.5#

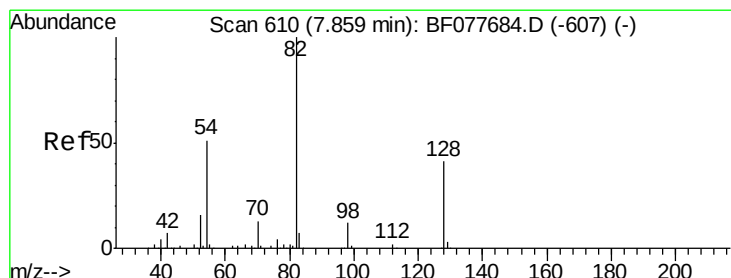
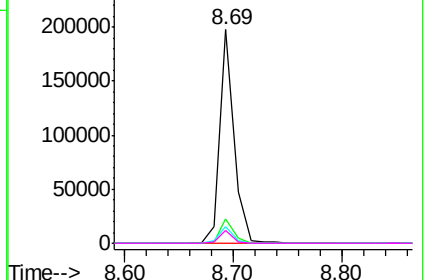
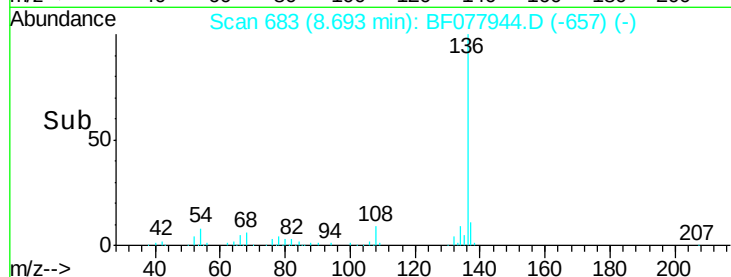


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 66.07 ng

RT: 7.81 min Scan# 606

Delta R.T. 0.00 min

Lab File: BF077944.D

Acq: 25 Mar 2015 8:51

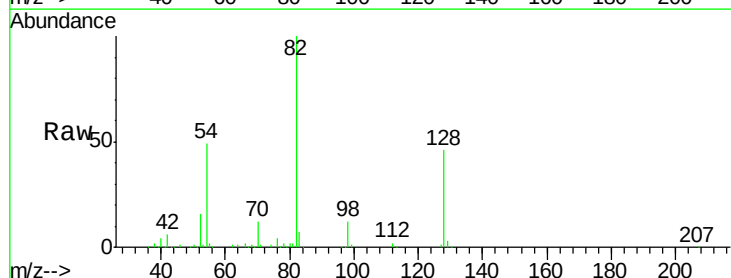
Tgt Ion: 82 Resp: 183761

Ion Ratio Lower Upper

82 100

128 45.5 32.8 49.2

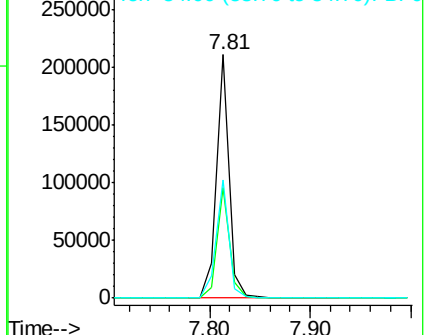
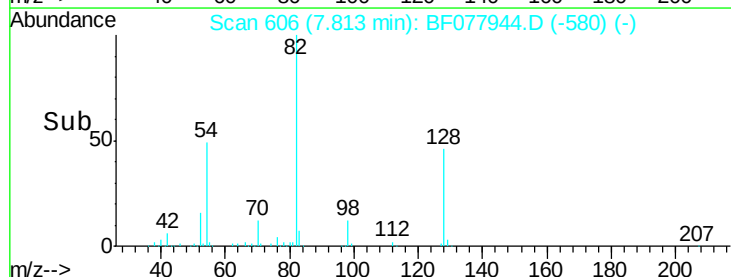
54 48.6 40.6 60.8

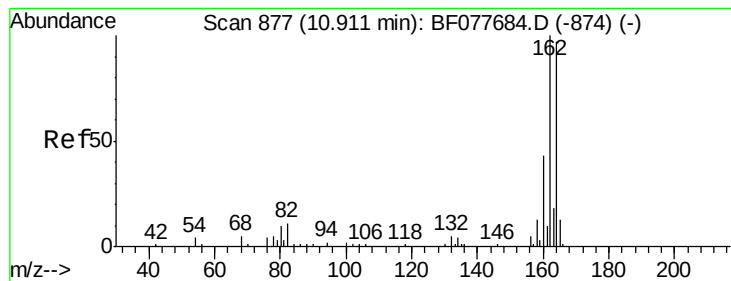


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.87 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF077944.D

Acq: 25 Mar 2015 8:51

Instrument :

BNA_F

ClientSampleId :

SB-15-2

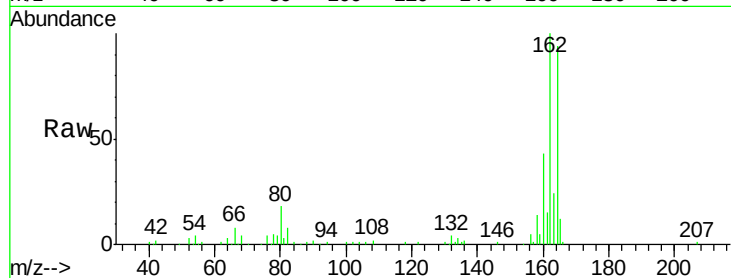
Tgt Ion:164 Resp: 90631

Ion Ratio Lower Upper

164 100

162 106.1 82.4 123.6

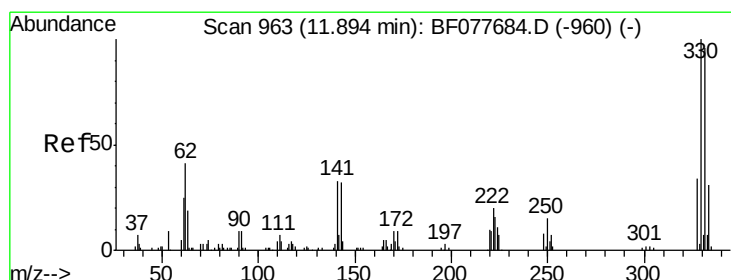
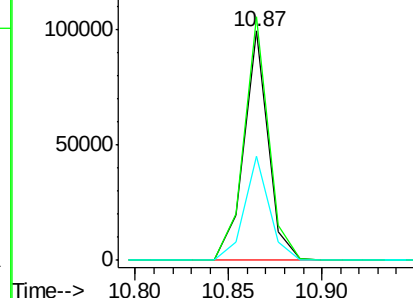
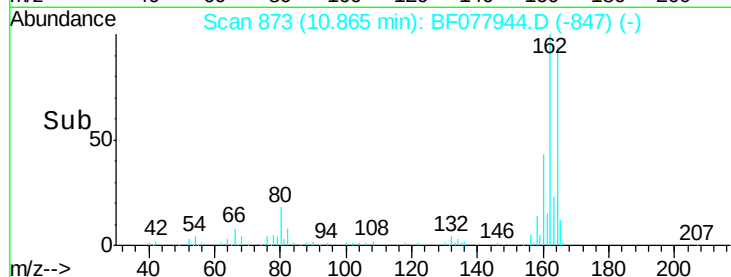
160 45.5 35.8 53.6



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



#41

2,4,6-Tribromophenol

Concen: 91.36 ng

RT: 11.85 min Scan# 959

Delta R.T. 0.01 min

Lab File: BF077944.D

Acq: 25 Mar 2015 8:51

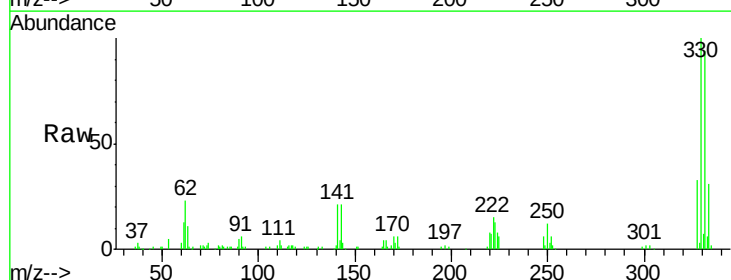
Tgt Ion:330 Resp: 79223

Ion Ratio Lower Upper

330 100

332 94.8 0.0 0.0#

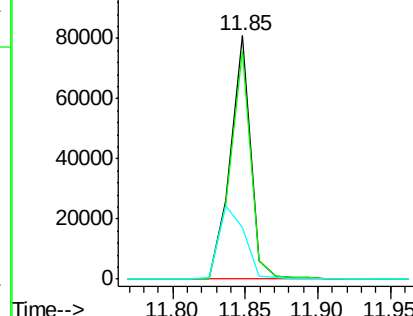
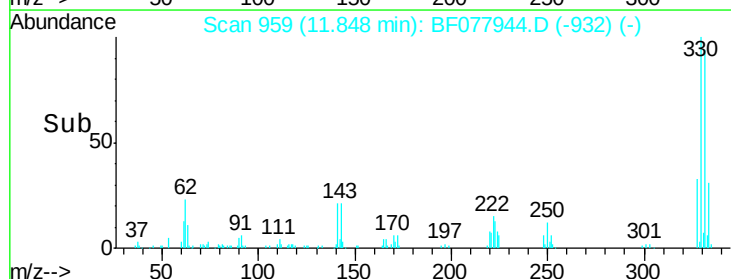
141 37.6 0.0 0.0#

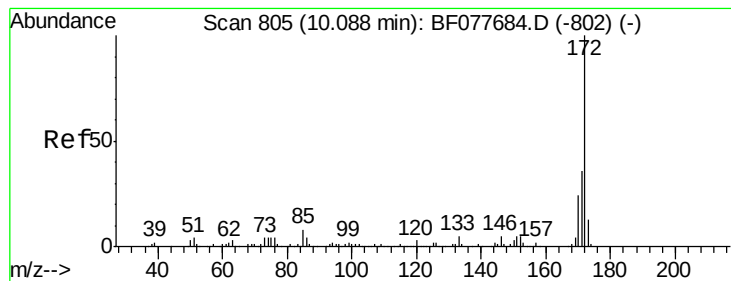


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 67.35 ng

RT: 10.04 min Scan# 801

Delta R.T. 0.00 min

Lab File: BF077944.D

Acq: 25 Mar 2015 8:51

Instrument :

BNA_F

ClientSampleId :

SB-15-2

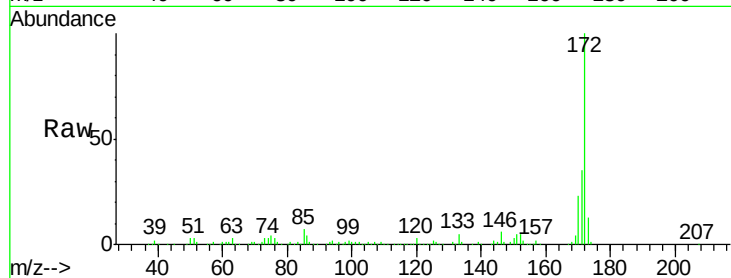
Tgt Ion:172 Resp: 415344

Ion Ratio Lower Upper

172 100

171 35.0 28.5 42.7

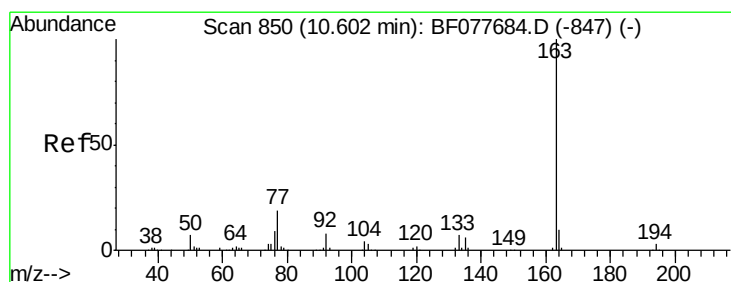
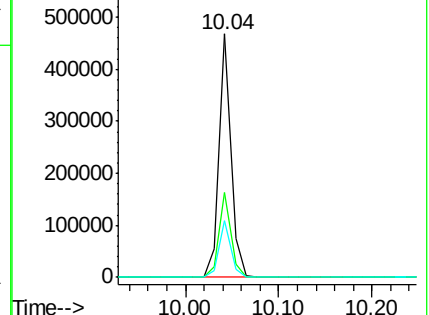
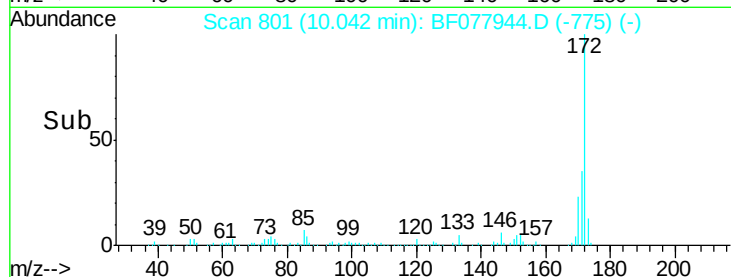
170 23.1 18.8 28.2



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



#49

Dimethylphthalate

Concen: 3.62 ng

RT: 10.56 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF077944.D

Acq: 25 Mar 2015 8:51

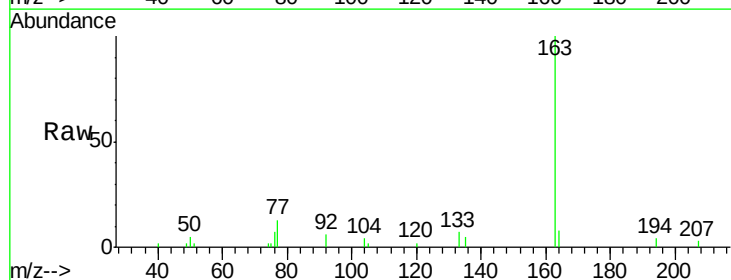
Tgt Ion:163 Resp: 24328

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

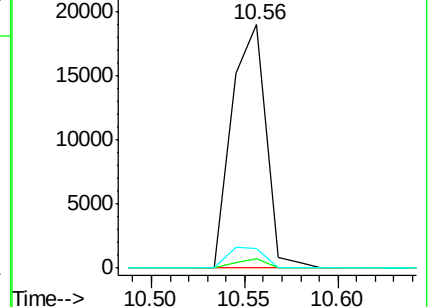
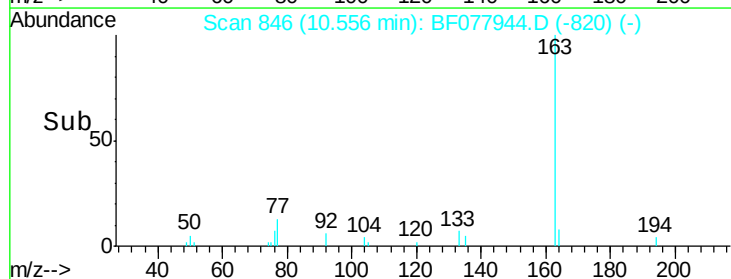
164 8.2 8.2 12.2

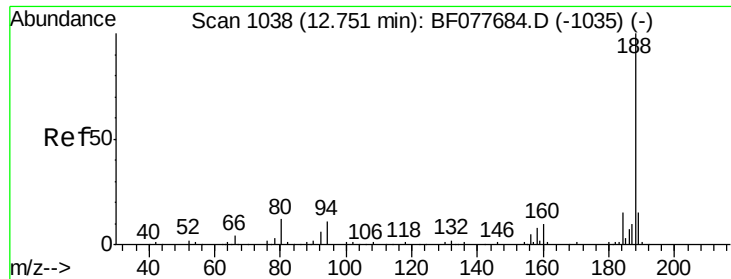


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

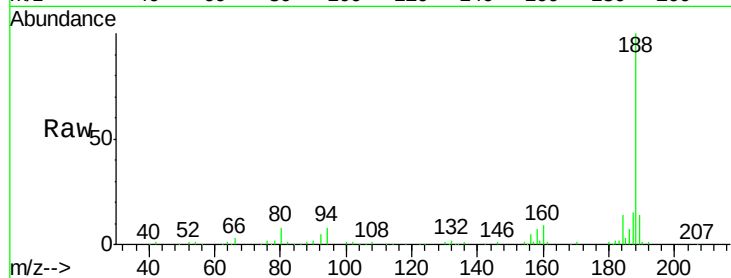




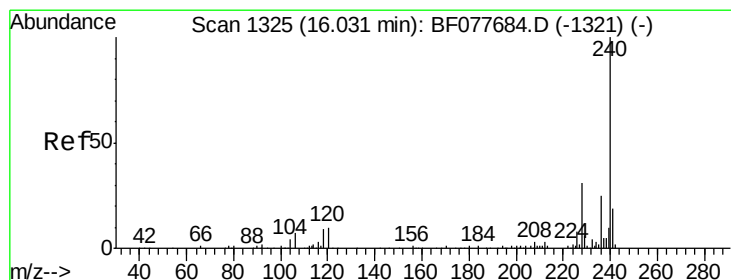
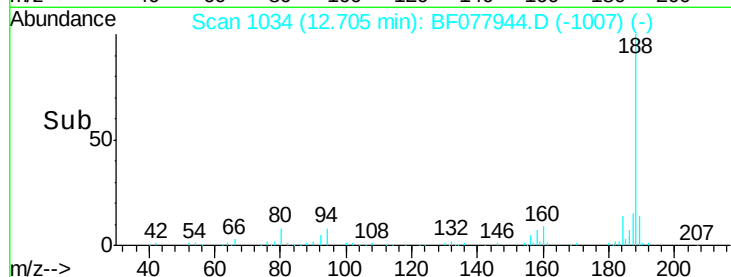
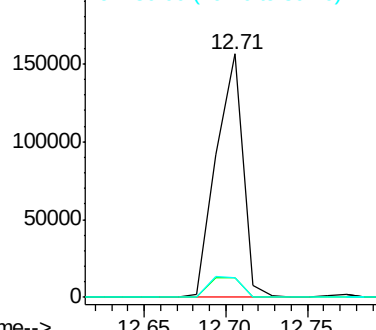
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.71 min Scan# 1034
Delta R.T. 0.01 min
Lab File: BF077944.D
Acq: 25 Mar 2015 8:51

Instrument :
BNA_F
ClientSampleId :
SB-15-2

Tgt Ion:188 Resp: 177360
Ion Ratio Lower Upper
188 100
94 7.9 8.7 13.1#
80 7.9 9.3 13.9#

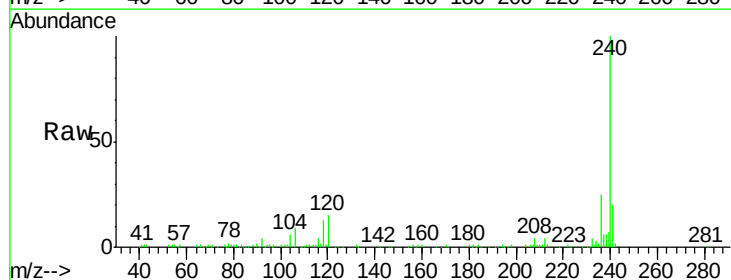


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

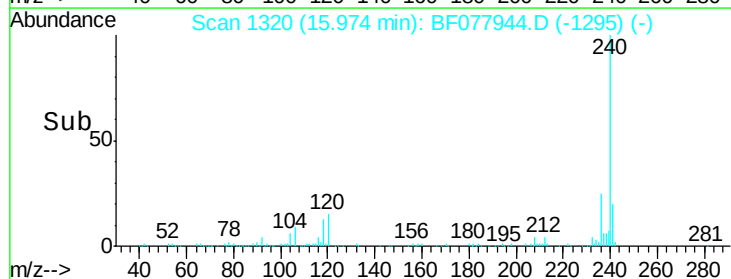
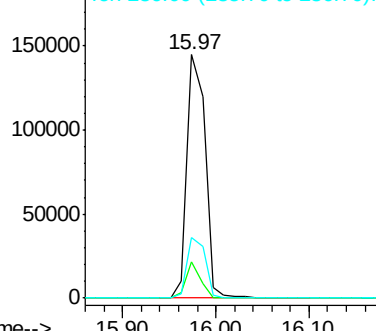


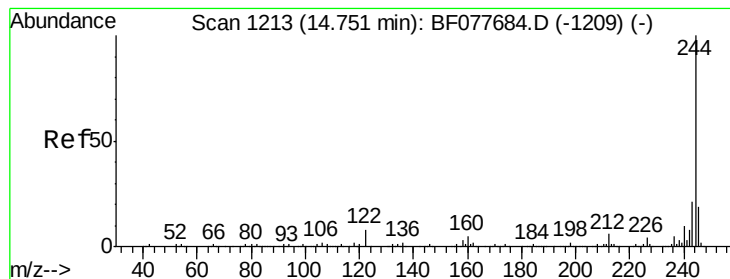
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.97 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF077944.D
Acq: 25 Mar 2015 8:51

Tgt Ion:240 Resp: 196218
Ion Ratio Lower Upper
240 100
120 15.0 8.2 12.2#
236 24.8 20.0 30.0



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





#78

Terphenyl-d14

Concen: 61.12 ng

RT: 14.69 min Scan# 1208

Delta R.T. 0.00 min

Lab File: BF077944.D

Acq: 25 Mar 2015 8:51

Instrument :

BNA_F

ClientSampleId :

SB-15-2

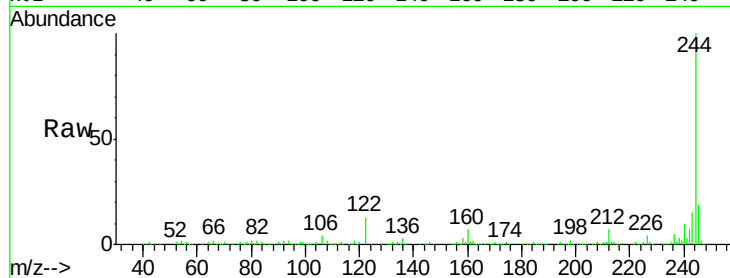
Tgt Ion:244 Resp: 490933

Ion Ratio Lower Upper

244 100

212 6.6 4.9 7.3

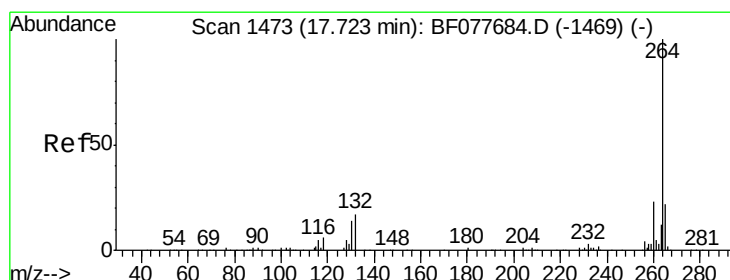
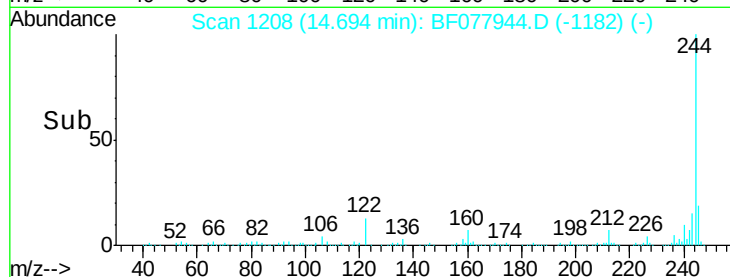
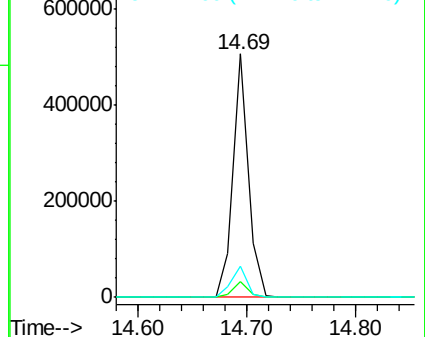
122 12.6 6.2 9.4#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.71 min Scan# 1472

Delta R.T. -0.03 min

Lab File: BF077944.D

Acq: 25 Mar 2015 8:51

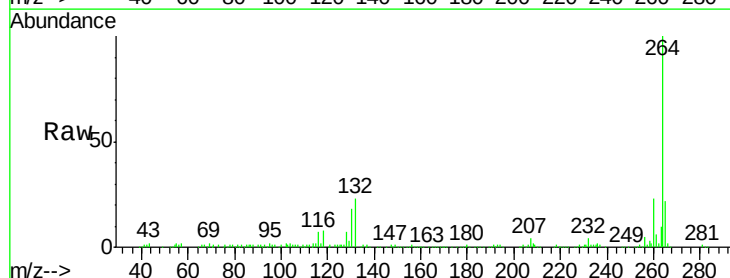
Tgt Ion:264 Resp: 193946

Ion Ratio Lower Upper

264 100

260 23.1 18.6 27.8

265 21.7 17.3 25.9



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

