

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122016\
 Data File : BF091824.D
 Acq On : 20 Dec 2016 17:08
 Operator : UM/SJ
 Sample : H6165-03
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-14-15

Quant Time: Dec 21 00:55:11 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

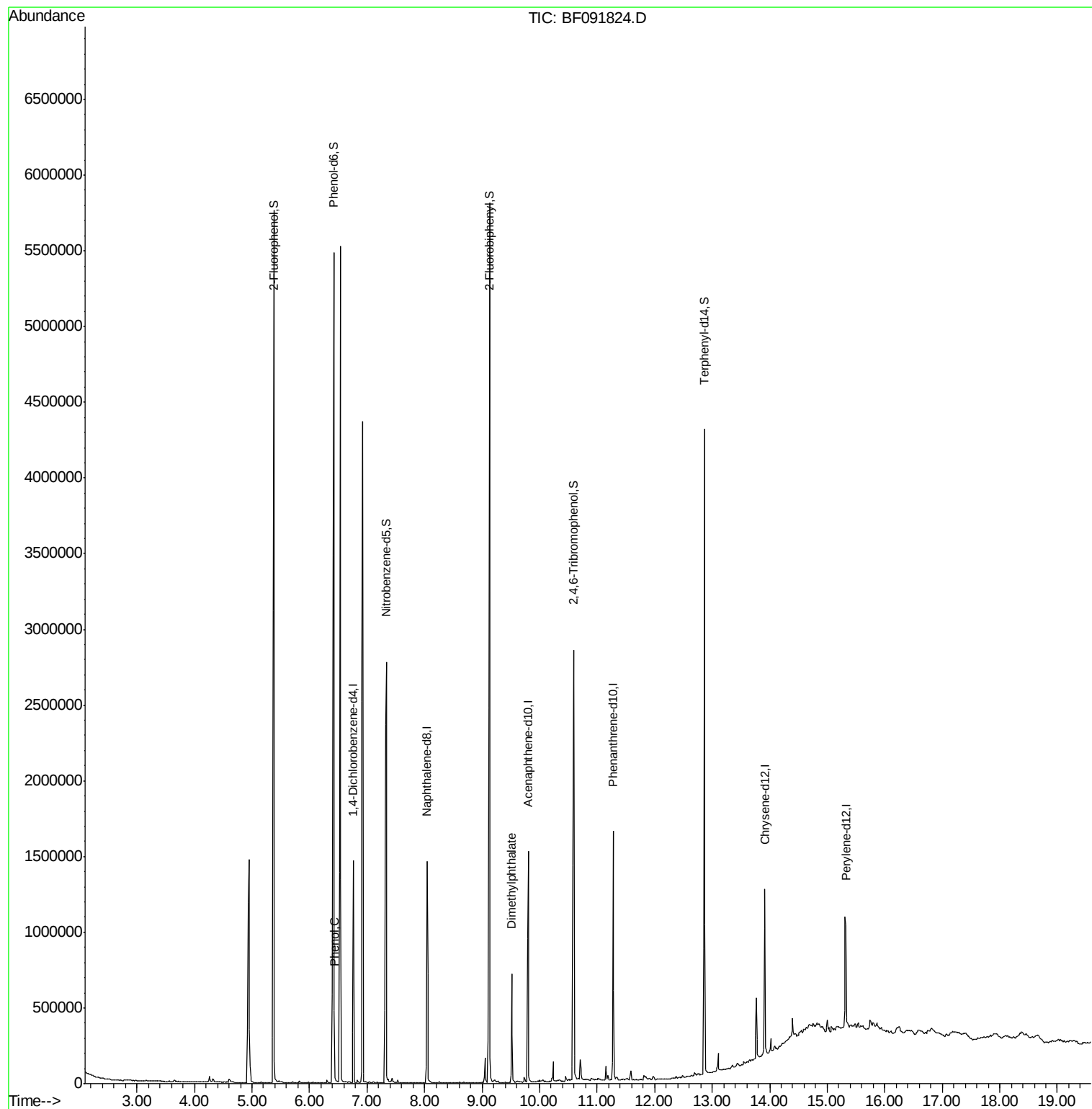
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	215622	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	811087	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	424839	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	648639	20.00	ng	-0.01
75) Chrysene-d12	13.92	240	513851	20.00	ng	-0.01
86) Perylene-d12	15.32	264	429880	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1782643	138.51	ng	0.01
7) Phenol-d6	6.42	99	2172802	138.43	ng	0.00
23) Nitrobenzene-d5	7.33	82	1394303	99.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	389882	108.23	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	2011719	95.13	ng	-0.01
78) Terphenyl-d14	12.87	244	1372906	67.46	ng	-0.01
Target Compounds						
10) Phenol	6.43	94	111283	6.29	ng	Qvalue # 65
49) Dimethylphthalate	9.52	163	344939	12.43	ng	98

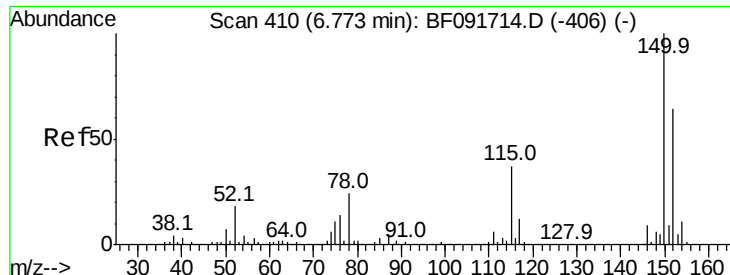
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091824.D

Acq: 20 Dec 2016 17:08

Instrument :

BNA_F

ClientSampleId :

SB-3-14-15

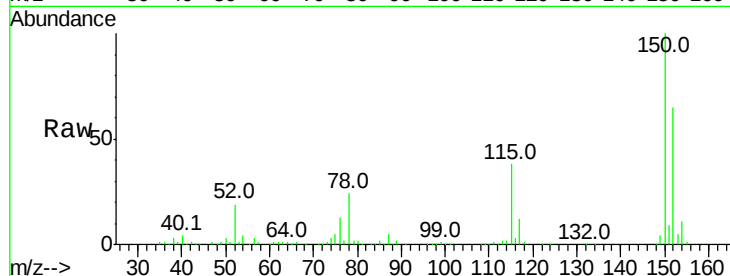
Tot Ion:152 Resp: 215622

Ion Ratio Lower Upper

152 100

150 154.9 124.9 187.3

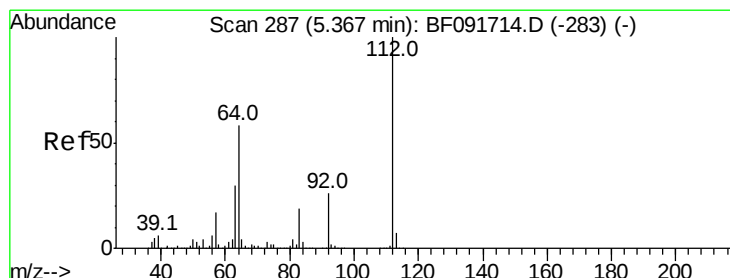
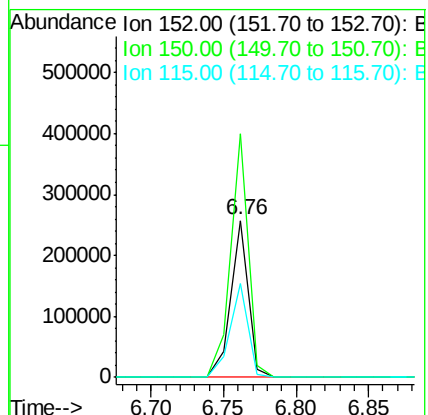
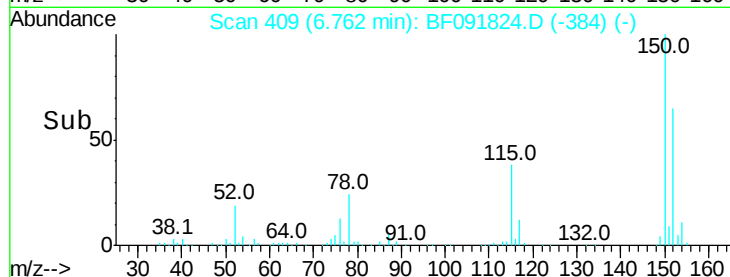
115 59.5 46.0 69.0



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: 138.51 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF091824.D

Acq: 20 Dec 2016 17:08

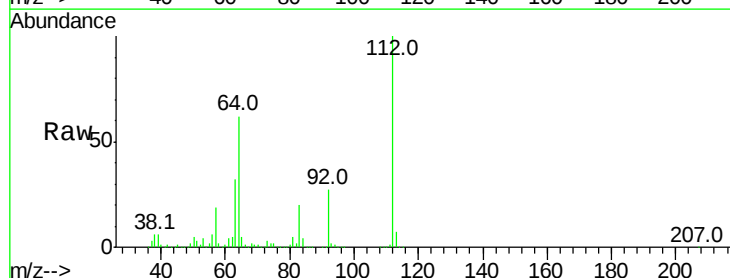
Tgt Ion:112 Resp: 1782643

Ion Ratio Lower Upper

112 100

64 61.7 46.1 69.1

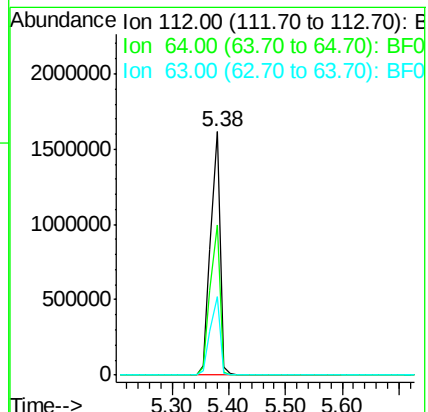
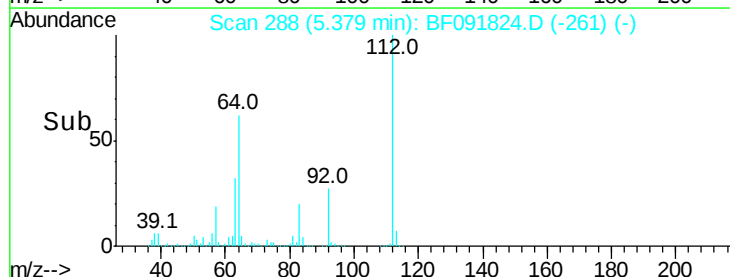
63 32.3 23.8 35.6

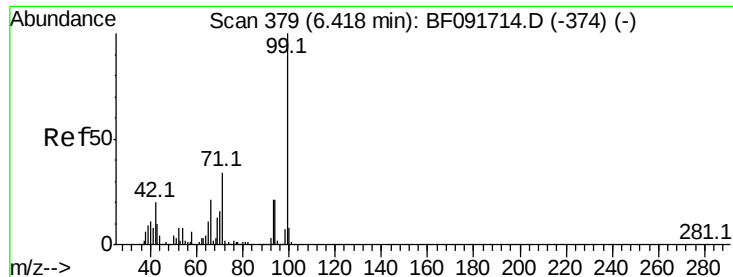


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 138.43 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF091824.D

Acq: 20 Dec 2016 17:08

Instrument :

BNA_F

ClientSampleId :

SB-3-14-15

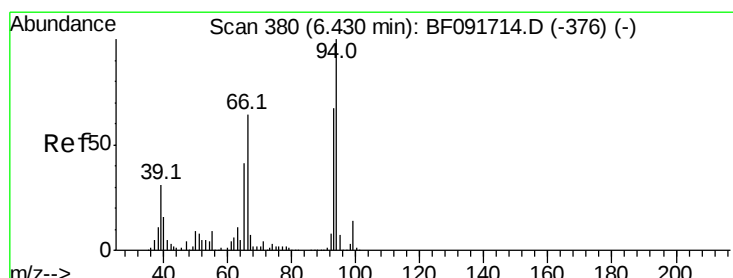
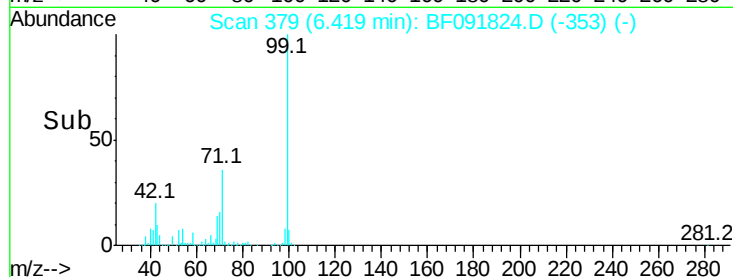
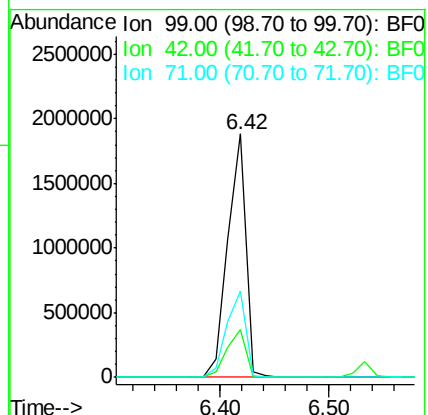
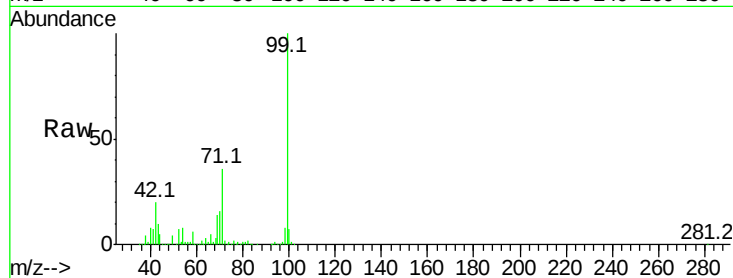
Tot Ion: 99 Resp: 2172802

Ion Ratio Lower Upper

99 100

42 19.5 15.6 23.4

71 35.6 27.5 41.3



#10

Phenol

Concen: 6.29 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF091824.D

Acq: 20 Dec 2016 17:08

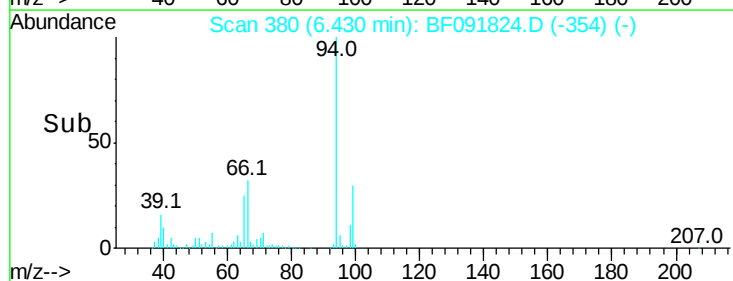
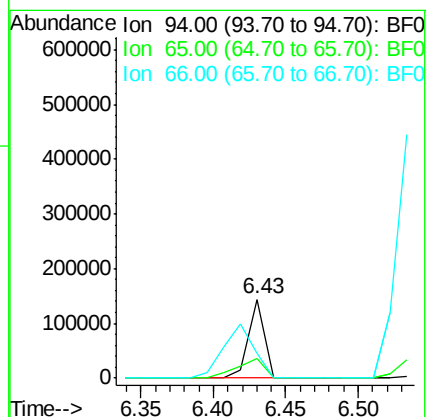
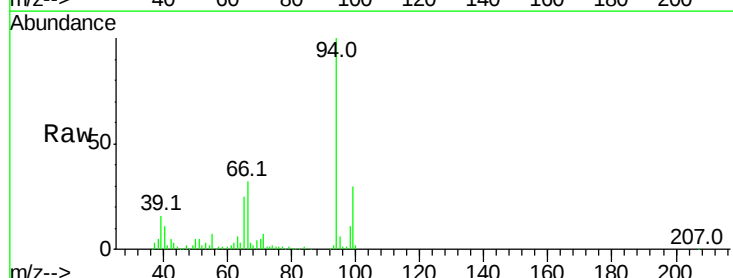
Tgt Ion: 94 Resp: 111283

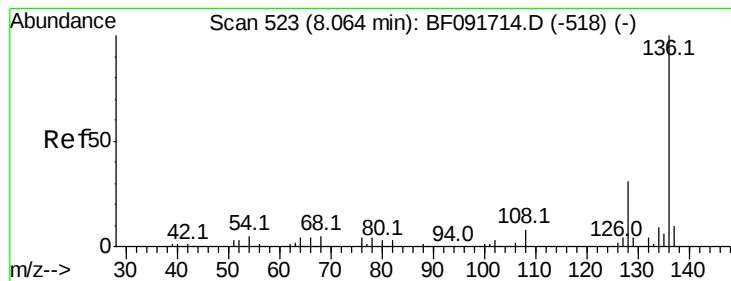
Ion Ratio Lower Upper

94 100

65 24.5 21.4 61.4

66 32.1 44.0 84.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF091824.D

Acq: 20 Dec 2016 17:08

Instrument :

BNA_F

ClientSampleId :

SB-3-14-15

Tot Ion:136 Resp: 811087

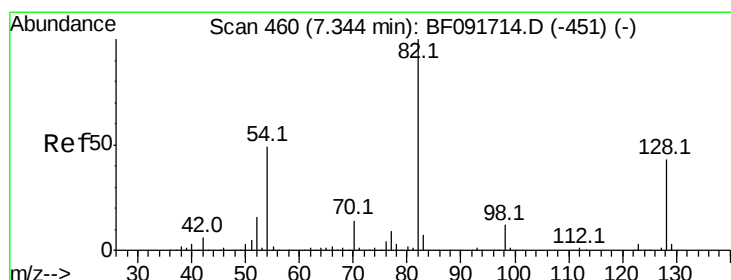
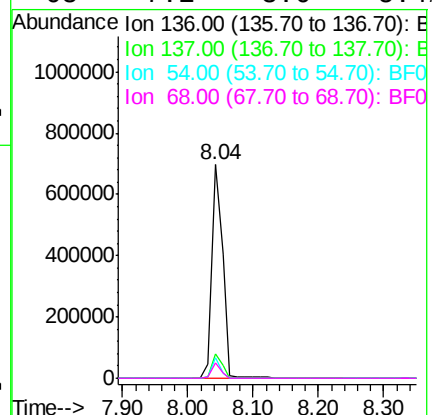
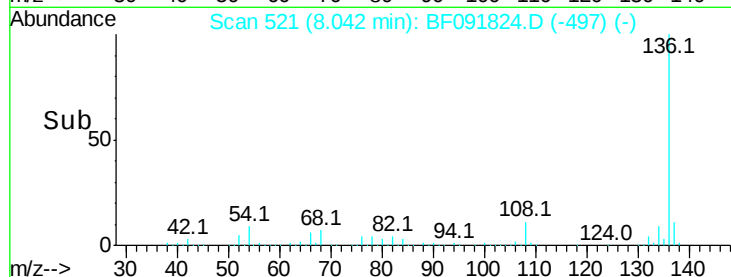
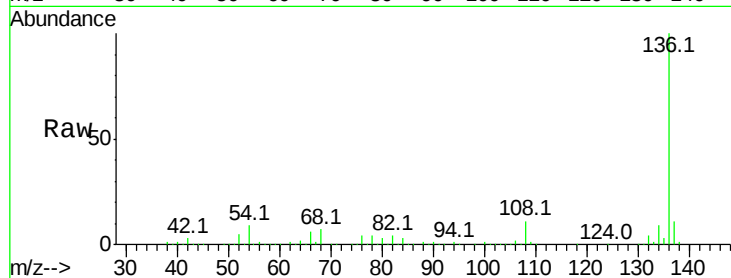
Ion Ratio Lower Upper

136 100

137 11.5 8.4 12.6

54 9.4 4.5 6.7#

68 7.1 3.6 5.4#



#23

Nitrobenzene-d5

Concen: 99.13 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF091824.D

Acq: 20 Dec 2016 17:08

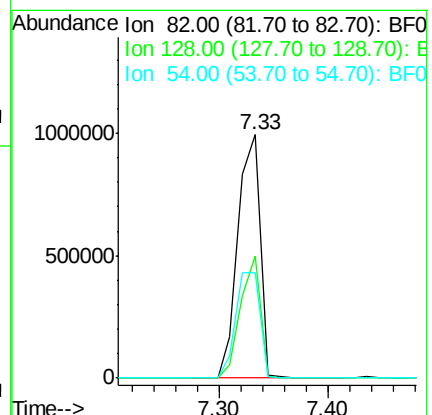
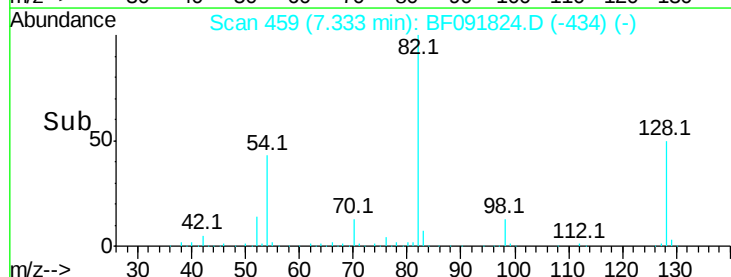
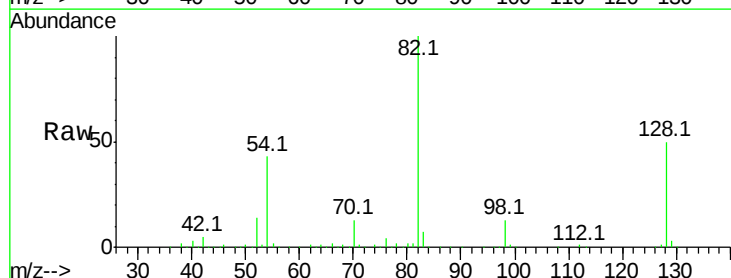
Tgt Ion: 82 Resp: 1394303

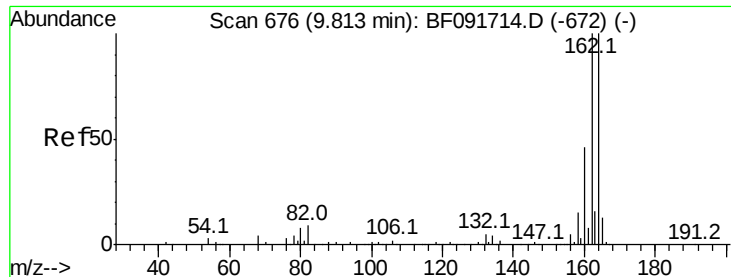
Ion Ratio Lower Upper

82 100

128 50.1 34.6 52.0

54 43.2 39.5 59.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF091824.D

Acq: 20 Dec 2016 17:08

Instrument :

BNA_F

ClientSampleId :

SB-3-14-15

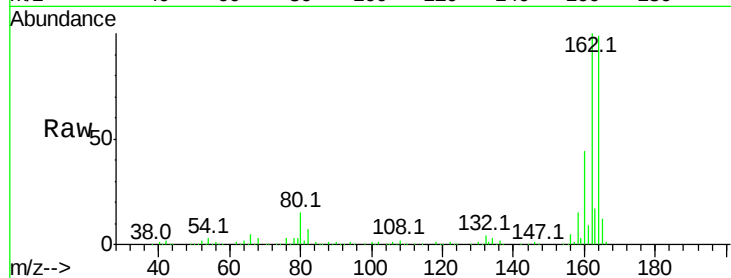
Tot Ion:164 Resp: 424839

Ion Ratio Lower Upper

164 100

162 100.6 80.2 120.2

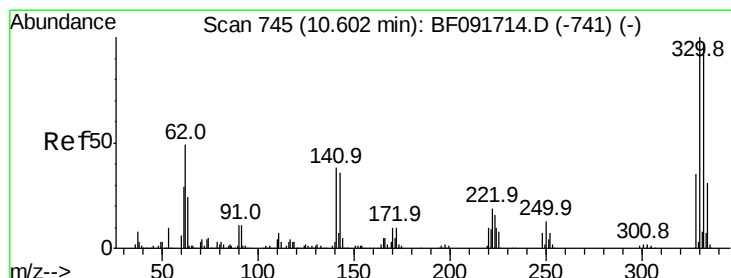
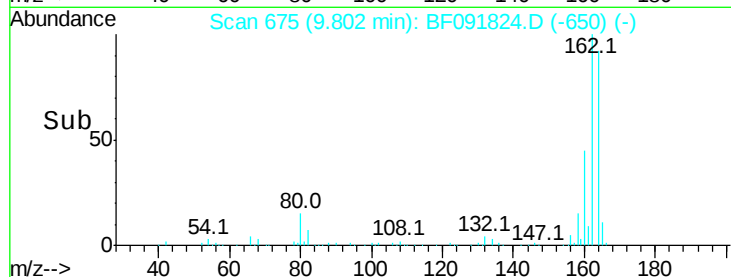
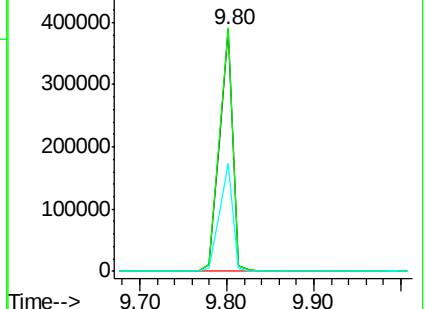
160 44.6 36.9 55.3



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: 108.23 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF091824.D

Acq: 20 Dec 2016 17:08

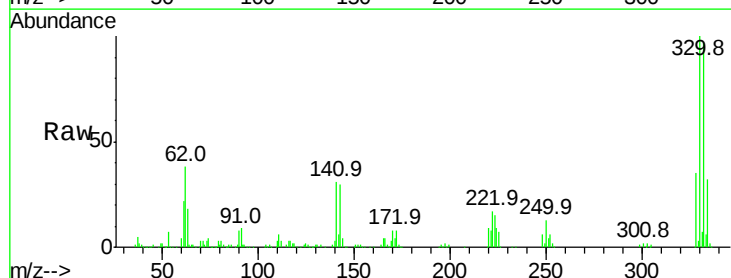
Tgt Ion:330 Resp: 389882

Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.2

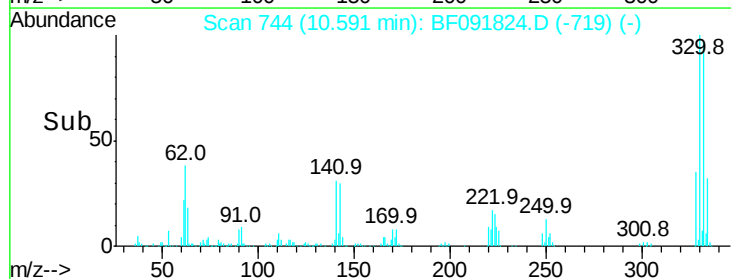
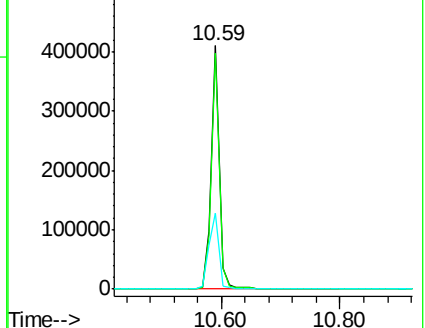
141 38.5 34.1 51.1

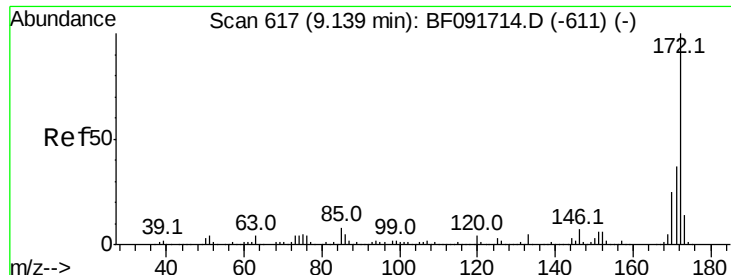


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

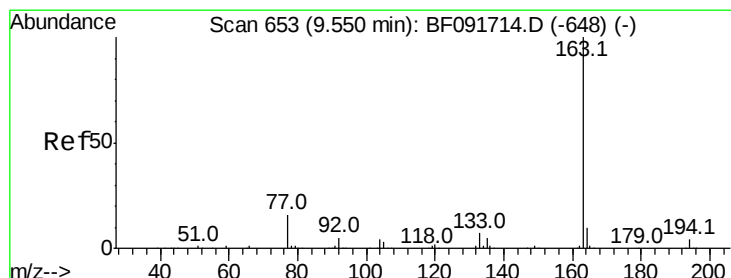
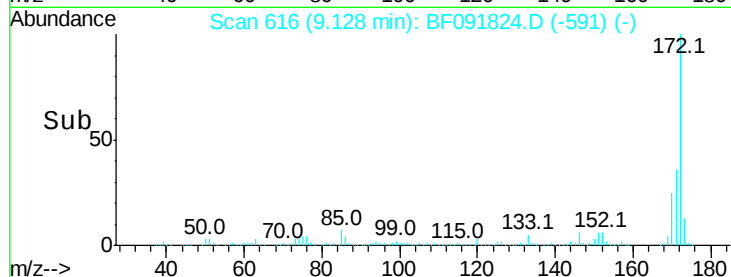
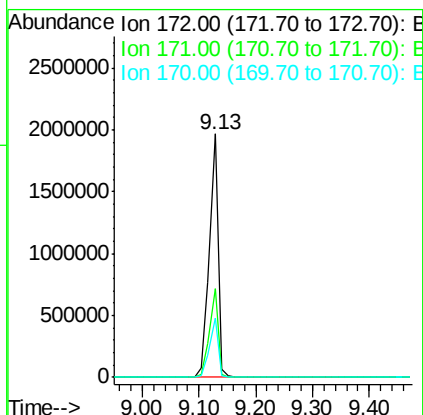
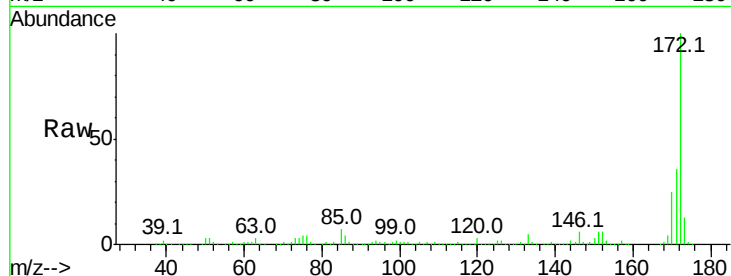




#44
2-Fluorobiphenyl
Concen: 95.13 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.01 min
Lab File: BF091824.D
Acq: 20 Dec 2016 17:08

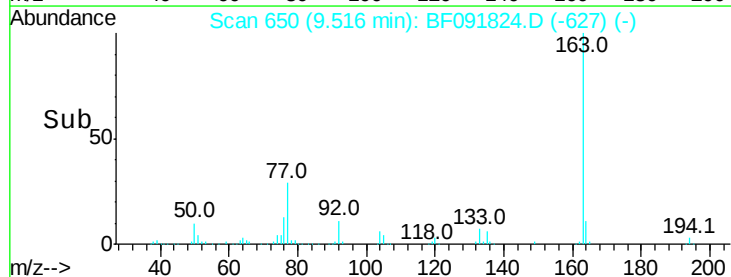
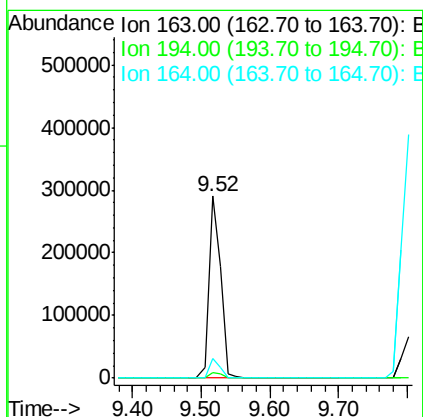
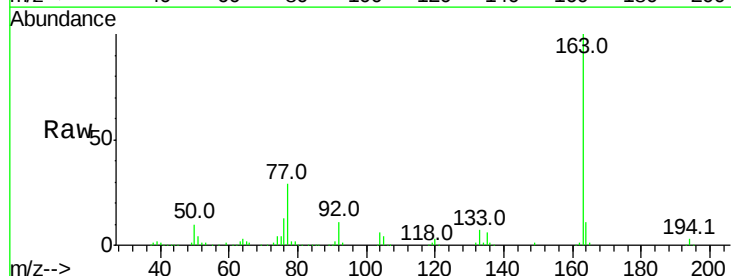
Instrument :
BNA_F
ClientSampleId :
SB-3-14-15

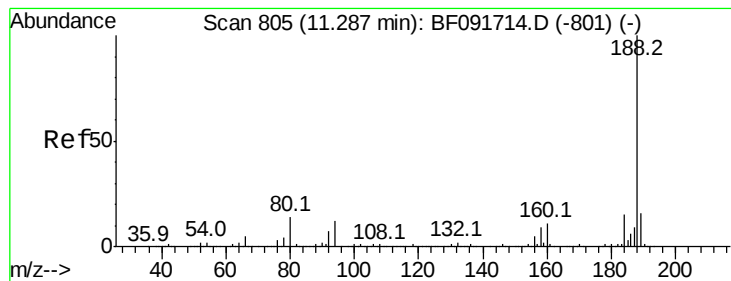
Tot Ion:172 Resp: 2011719
Ion Ratio Lower Upper
172 100
171 36.2 29.4 44.0
170 24.6 20.2 30.4



#49
Dimethylphthalate
Concen: 12.43 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.03 min
Lab File: BF091824.D
Acq: 20 Dec 2016 17:08

Tgt Ion:163 Resp: 344939
Ion Ratio Lower Upper
163 100
194 3.0 3.0 4.4
164 10.8 8.0 12.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.28 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF091824.D

Acq: 20 Dec 2016 17:08

Instrument :

BNA_F

ClientSampleId :

SB-3-14-15

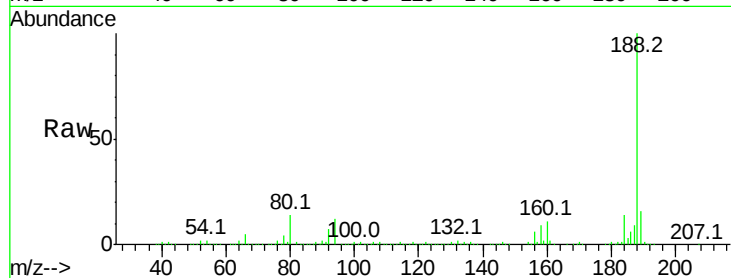
Tot Ion:188 Resp: 648639

Ion Ratio Lower Upper

188 100

94 12.5 10.0 15.0

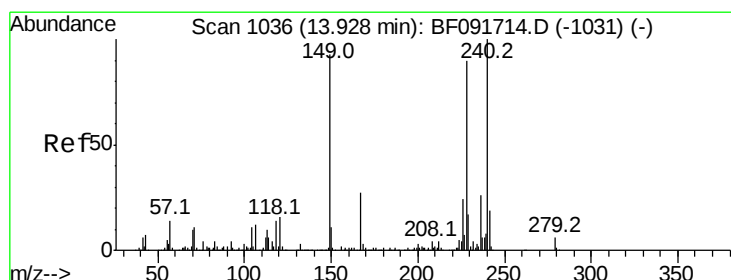
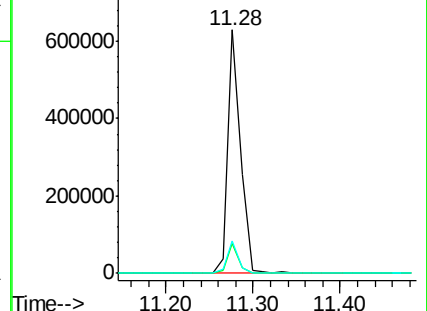
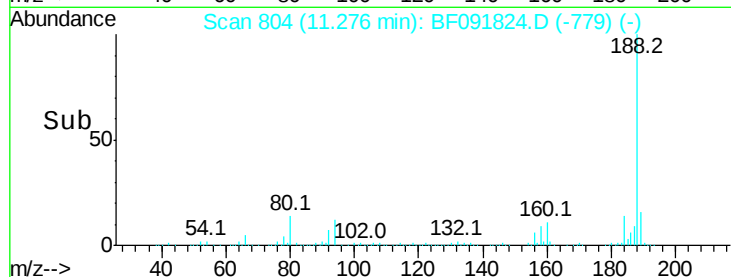
80 13.6 11.2 16.8



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: 13.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF091824.D

Acq: 20 Dec 2016 17:08

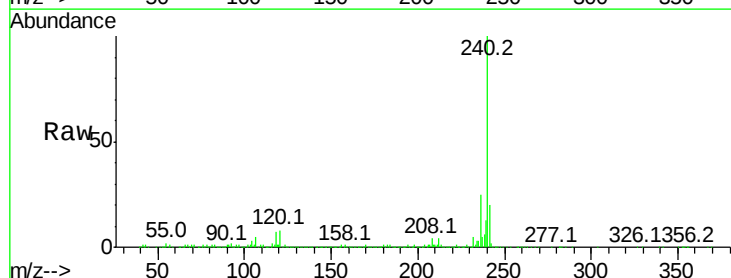
Tgt Ion:240 Resp: 513851

Ion Ratio Lower Upper

240 100

120 7.6 12.9 19.3#

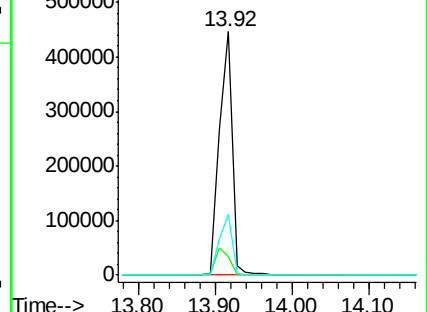
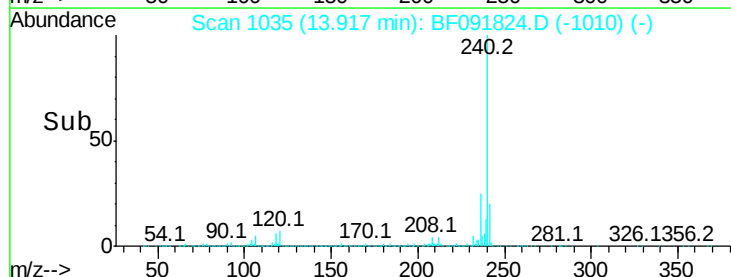
236 25.0 20.9 31.3

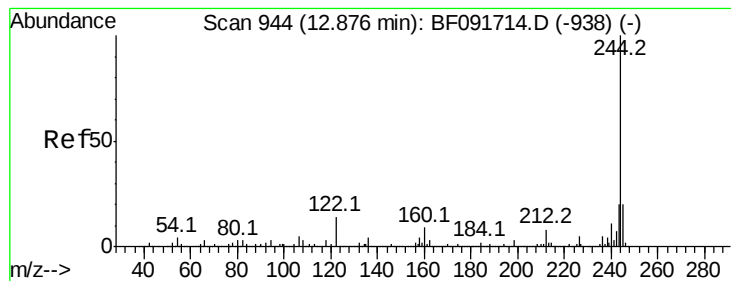


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 67.46 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF091824.D

Acq: 20 Dec 2016 17:08

Instrument :

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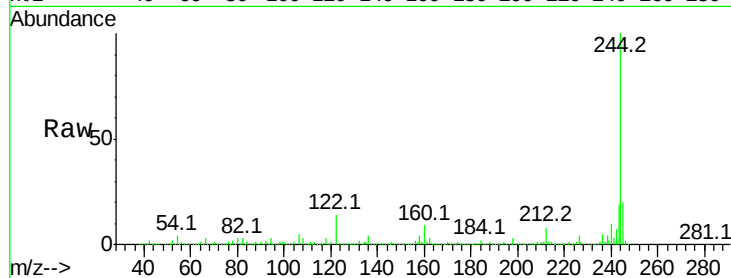
Tot Ion:244 Resp: 1372906

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

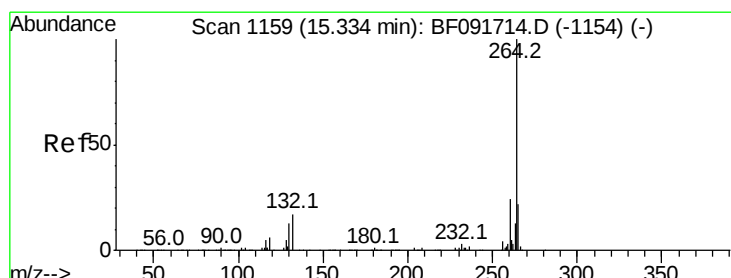
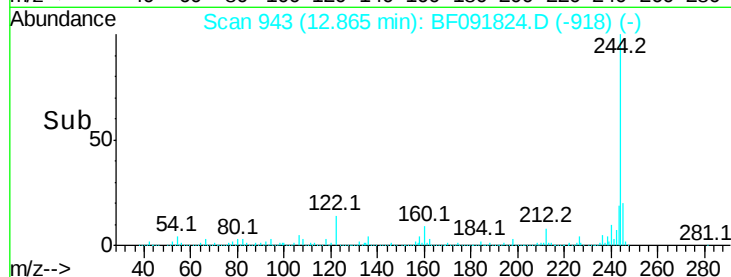
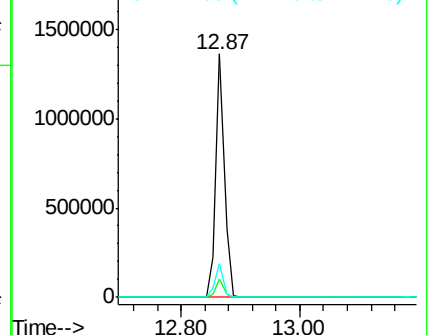
122 14.0 11.4 17.2



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: 15.32 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BF091824.D

Acq: 20 Dec 2016 17:08

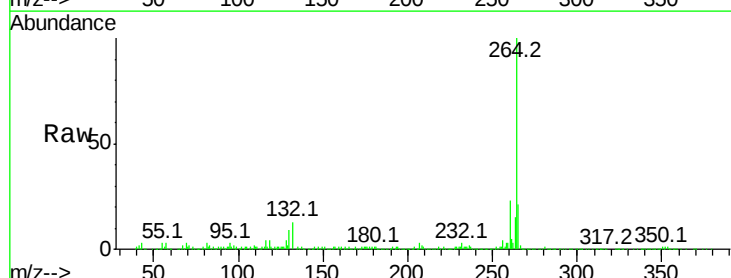
Tgt Ion:264 Resp: 429880

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.0 17.4 26.0



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

