

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
 Data File : BF091756.D
 Acq On : 19 Dec 2016 00:21
 Operator : UM/SJ
 Sample : H6125-08RE
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-46(10-12)-12-14-16RE

Quant Time: Dec 19 03:54:56 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

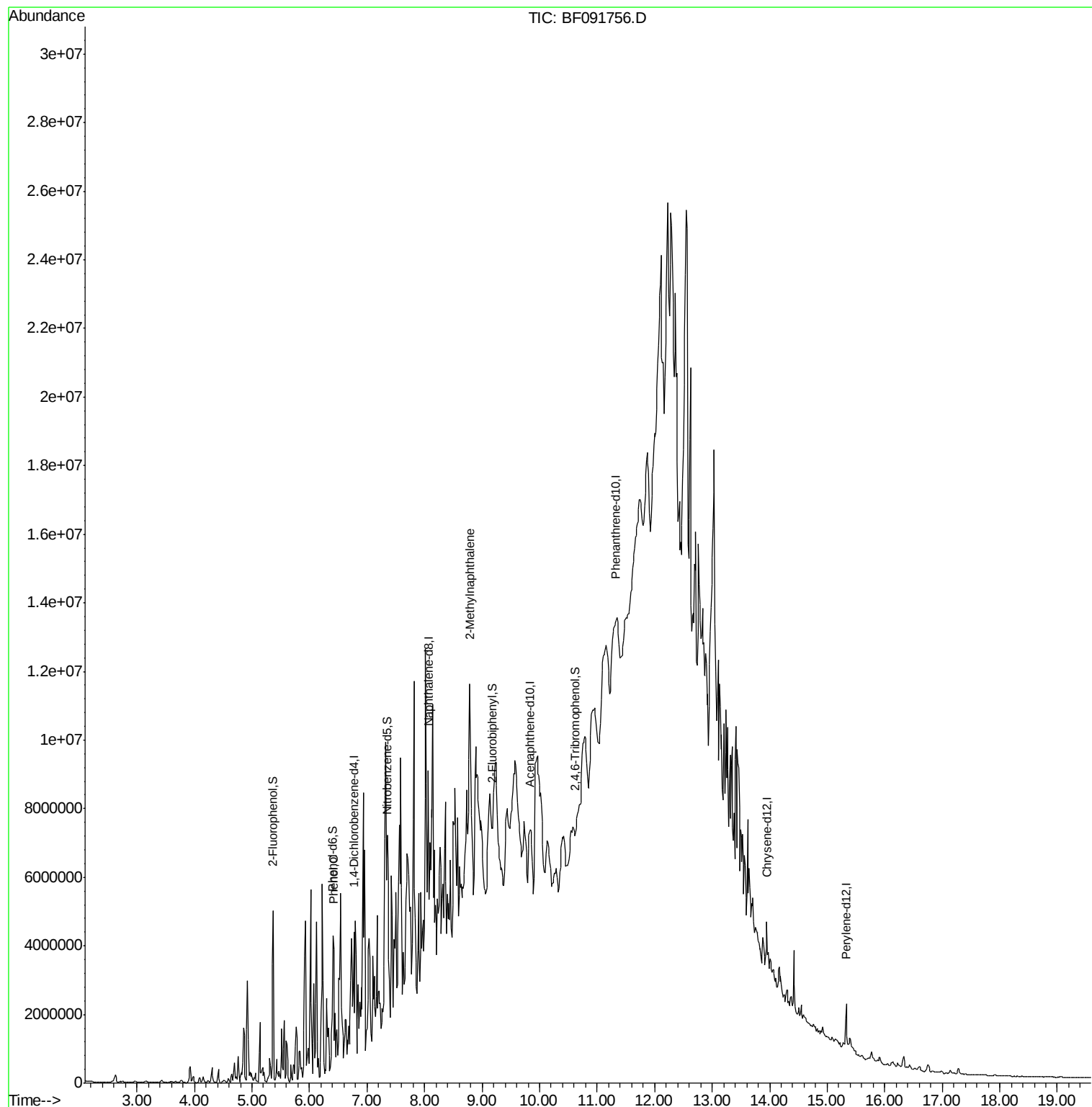
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	218631	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	630567	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	282450	20.00	ng	0.01
63) Phenanthrene-d10	11.32	188	44275	20.00	ng	0.03
75) Chrysene-d12	13.95	240	496513	20.00	ng	0.02
86) Perylene-d12	15.33	264	571181	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1721796	131.94	ng	0.00
7) Phenol-d6	6.41	99	1614011	101.41	ng	-0.01
23) Nitrobenzene-d5	7.34	82	1119704	102.40	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	227827	95.12	ng	0.01
44) 2-Fluorobiphenyl	9.17	172	1267084	90.13	ng	0.04
78) Terphenyl-d14	12.91	244	8679	0.44	ng	0.03
Target Compounds						
10) Phenol	6.42	94	84590	4.72	ng	Qvalue # 64
37) 2-Methylnaphthalene	8.78	142	5328427	280.56	ng	97

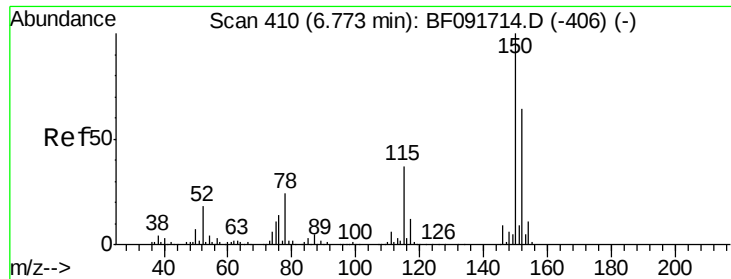
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
Data File : BF091756.D
Acq On : 19 Dec 2016 00:21
Operator : UM/SJ
Sample : H6125-08RE
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-46(10-12)-12-14-16RE

Quant Time: Dec 19 03:54:56 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



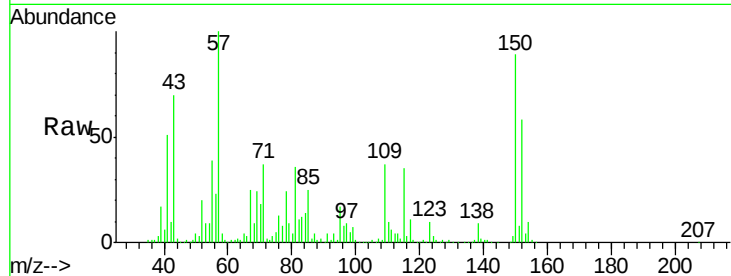


#1

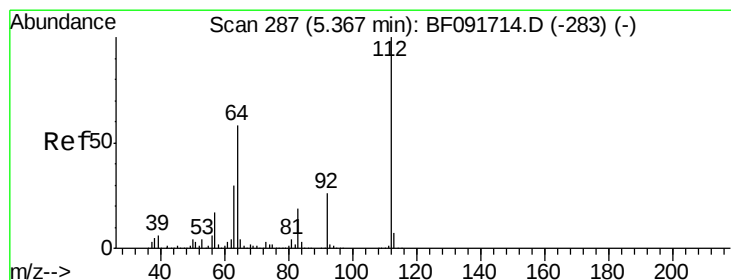
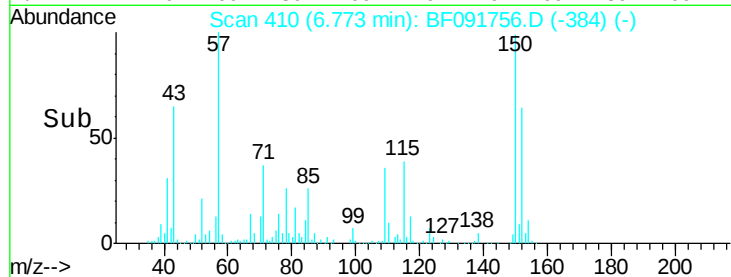
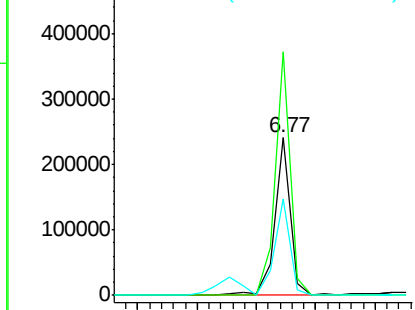
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF091756.D
Acq: 19 Dec 2016 00:21

Instrument :
BNA_F
ClientSampleId :
SB-46(10-12)-12-14-16RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.9	187.3
115	61.1	46.0	69.0



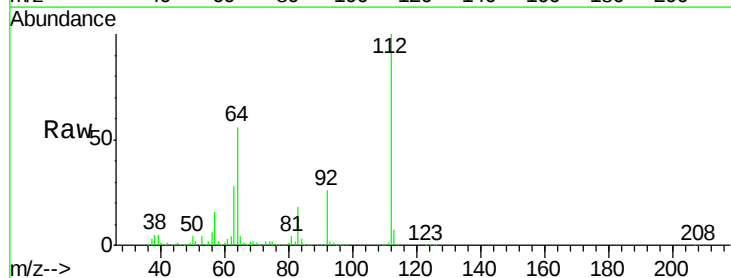
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



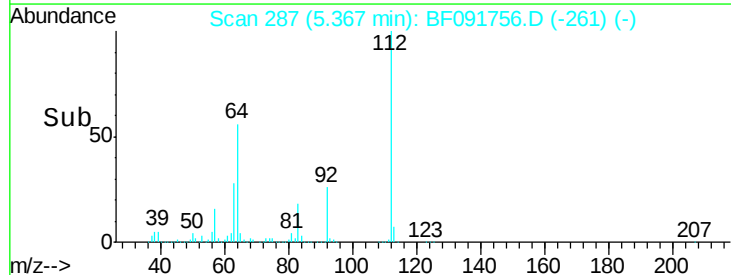
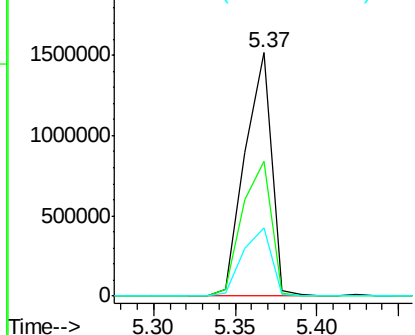
#5

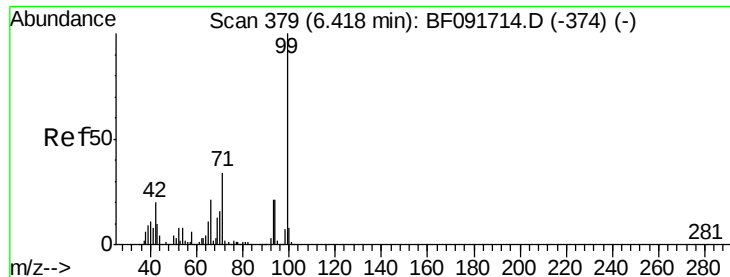
2-Fluorophenol
Concen: 131.94 ng
RT: 5.37 min Scan# 287
Delta R.T. 0.00 min
Lab File: BF091756.D
Acq: 19 Dec 2016 00:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	46.1	69.1
63	28.3	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: 101.41 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091756.D

Acq: 19 Dec 2016 00:21

Instrument :

BNA_F

ClientSampleId :

SB-46(10-12)-12-14-16RE

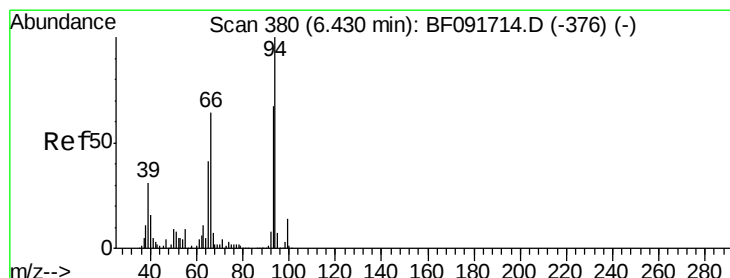
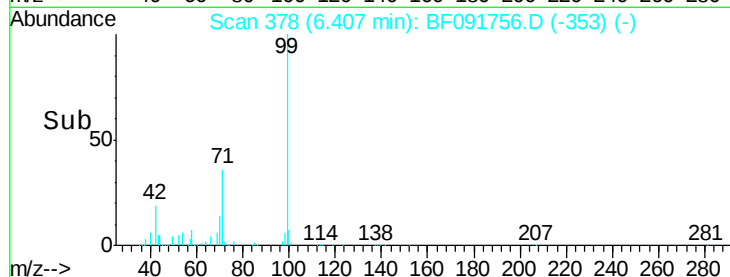
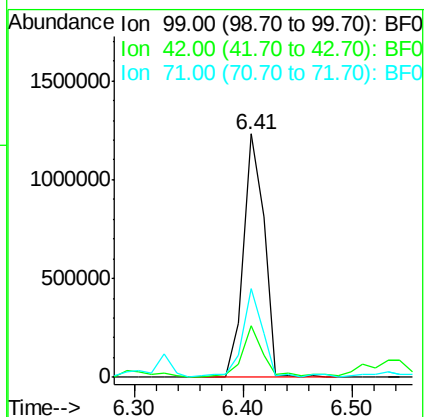
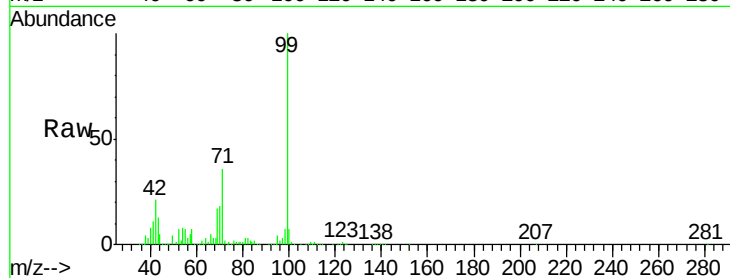
Tot Ion: 99 Resp: 1614011

Ion Ratio Lower Upper

99 100

42 21.0 15.6 23.4

71 36.4 27.5 41.3



#10

Phenol

Concen: 4.72 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF091756.D

Acq: 19 Dec 2016 00:21

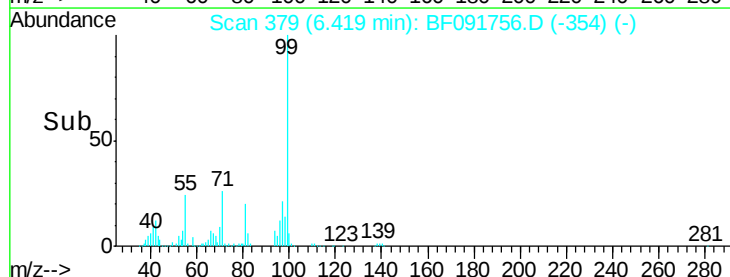
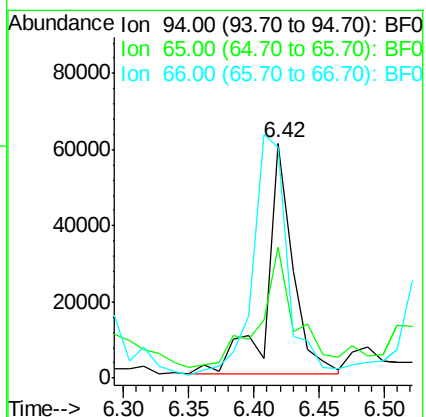
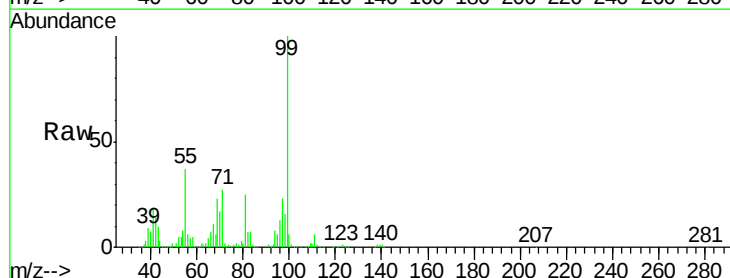
Tgt Ion: 94 Resp: 84590

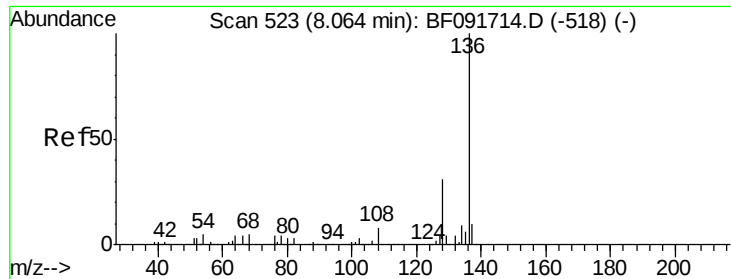
Ion Ratio Lower Upper

94 100

65 55.7 21.4 61.4

66 98.2 44.0 84.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF091756.D

Acq: 19 Dec 2016 00:21

Instrument :

BNA_F

ClientSampleId :

SB-46(10-12)-12-14-16RE

Tot Ion:136 Resp: 630567

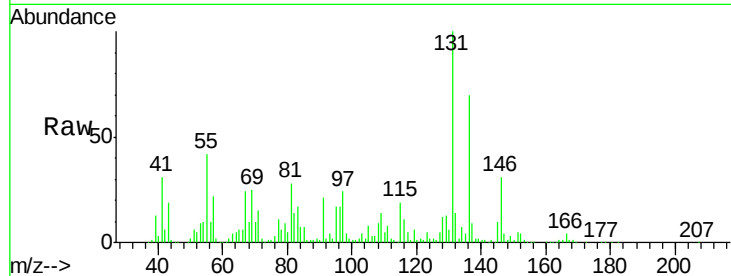
Ion Ratio Lower Upper

136 100

137 13.5 8.4 12.6#

54 14.3 4.5 6.7#

68 14.8 3.6 5.4#



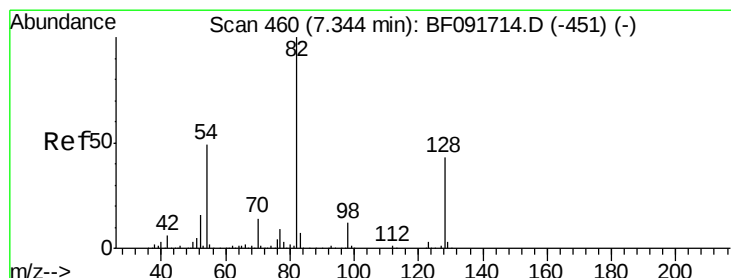
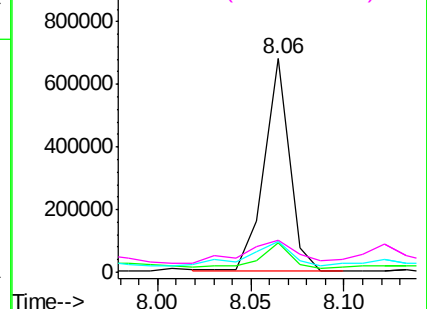
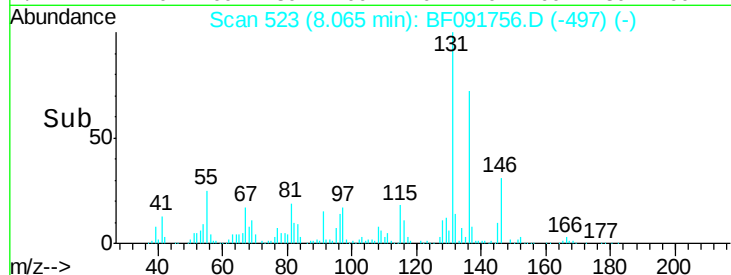
Abundance

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: 102.40 ng

RT: 7.34 min Scan# 460

Delta R.T. 0.00 min

Lab File: BF091756.D

Acq: 19 Dec 2016 00:21

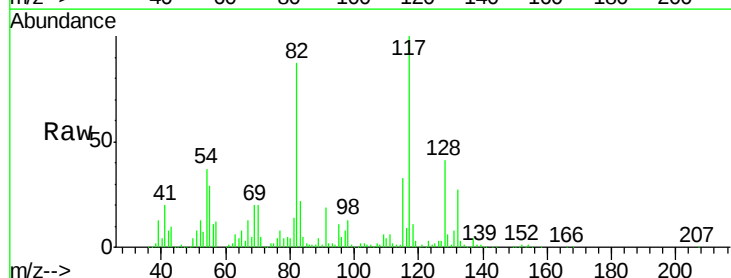
Tgt Ion: 82 Resp: 1119704

Ion Ratio Lower Upper

82 100

128 47.8 34.6 52.0

54 42.8 39.5 59.3

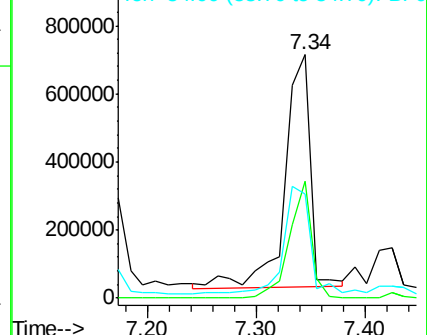
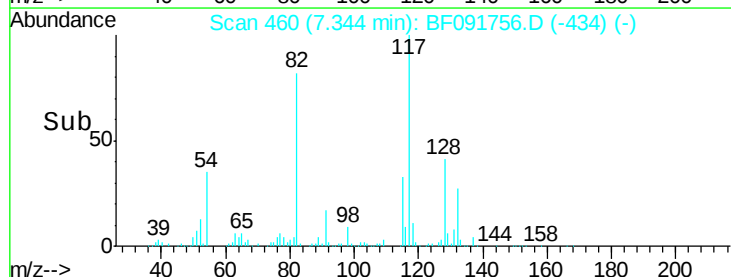


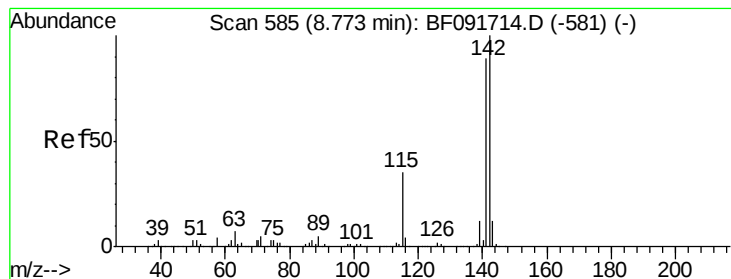
Abundance

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

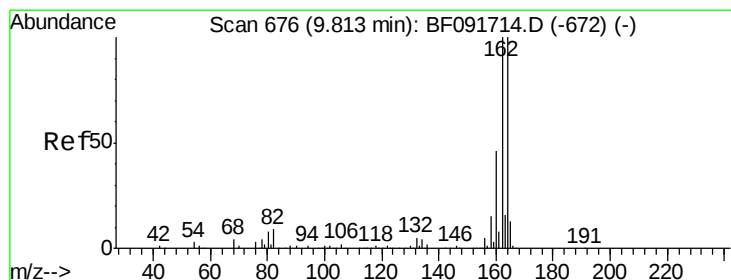
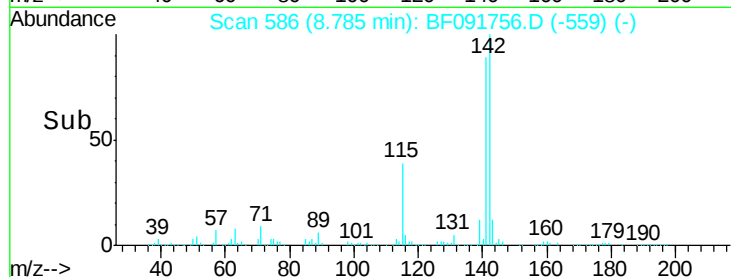
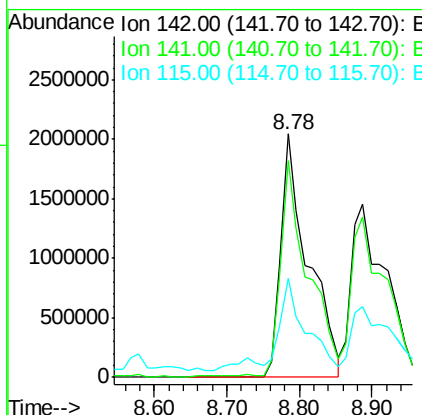
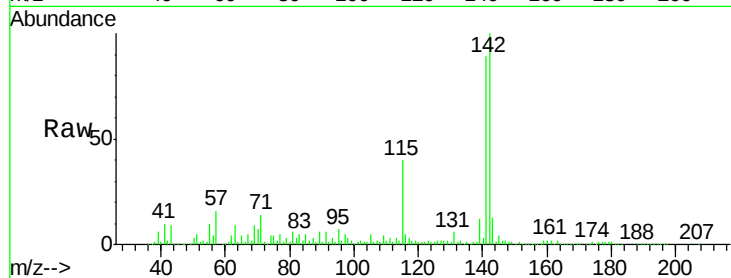




#37
2-Methylnaphthalene
Concen: 280.56 ng
RT: 8.78 min Scan# 586
Delta R.T. 0.01 min
Lab File: BF091756.D
Acq: 19 Dec 2016 00:21

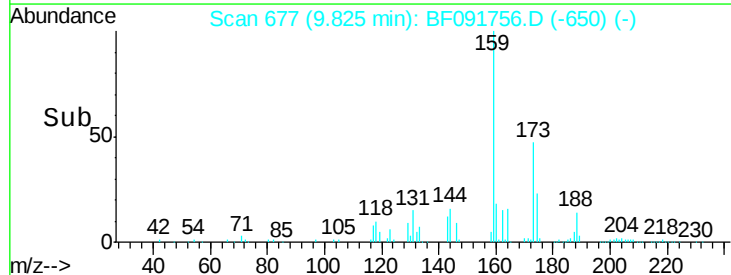
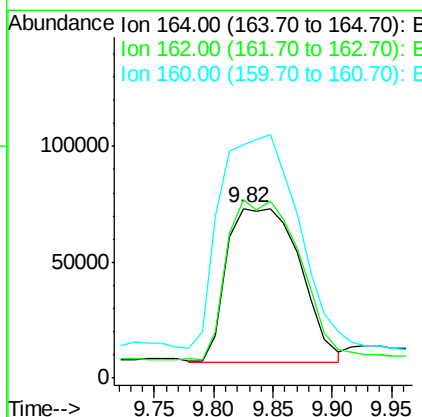
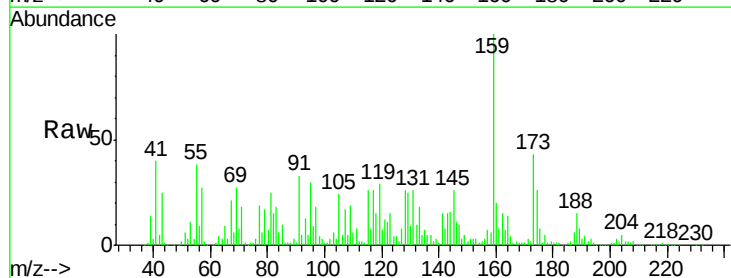
Instrument :
BNA_F
ClientSampleId :
SB-46(10-12)-12-14-16RE

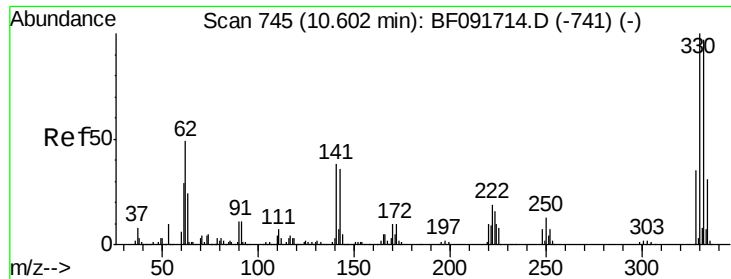
Tot Ion:142 Resp: 5328427
Ion Ratio Lower Upper
142 100
141 89.0 71.0 106.6
115 40.4 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.01 min
Lab File: BF091756.D
Acq: 19 Dec 2016 00:21

Tgt Ion:164 Resp: 282450
Ion Ratio Lower Upper
164 100
162 105.4 80.2 120.2
160 137.9 36.9 55.3#

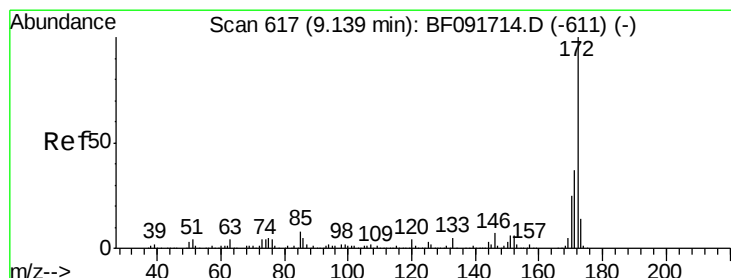
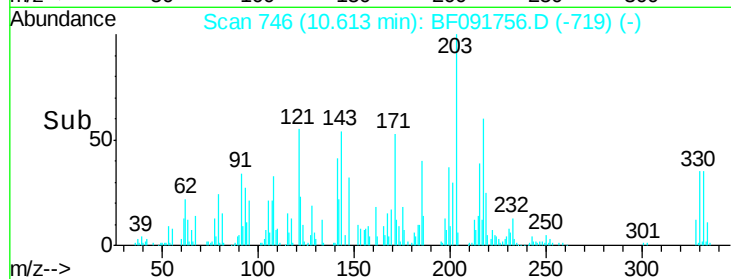
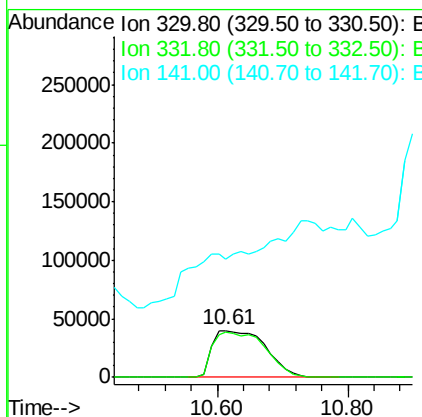
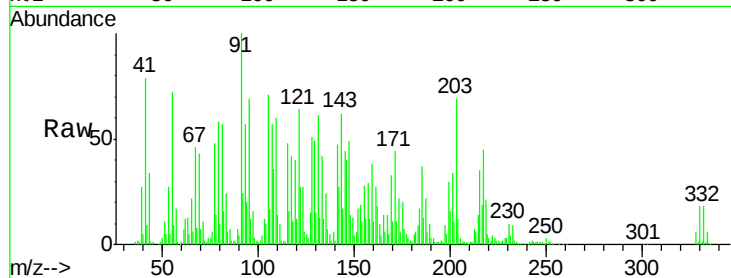




#41
 2,4,6-Tribromophenol
 Concen: 95.12 ng
 RT: 10.61 min Scan# 746
 Delta R.T. 0.01 min
 Lab File: BF091756.D
 Acq: 19 Dec 2016 00:21

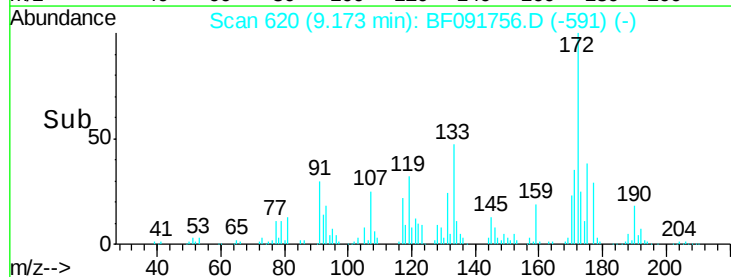
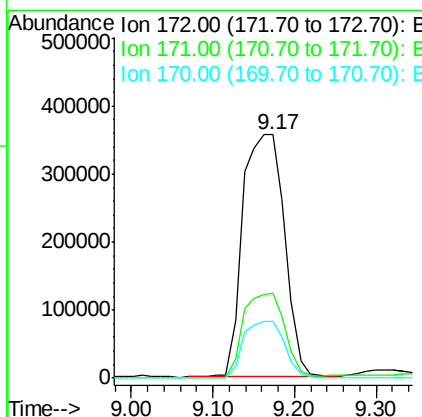
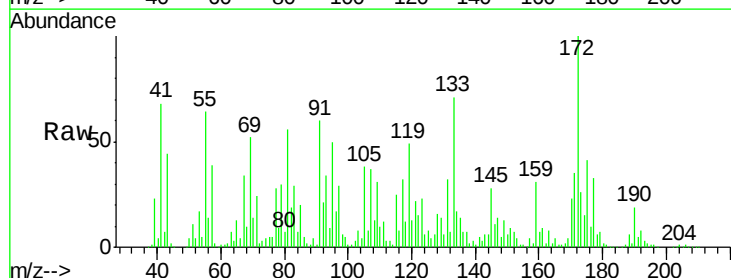
Instrument :
 BNA_F
 ClientSampleId :
 SB-46(10-12)-12-14-16RE

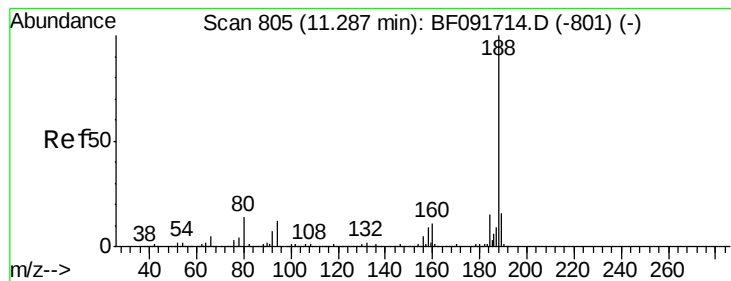
Tot Ion:330 Resp: 227827
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.4 116.2
 141 88.7 34.1 51.1#



#44
 2-Fluorobiphenyl
 Concen: 90.13 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.04 min
 Lab File: BF091756.D
 Acq: 19 Dec 2016 00:21

Tgt Ion:172 Resp: 1267084
 Ion Ratio Lower Upper
 172 100
 171 34.7 29.4 44.0
 170 23.1 20.2 30.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 808

Delta R.T. 0.03 min

Lab File: BF091756.D

Acq: 19 Dec 2016 00:21

Instrument :

BNA_F

ClientSampleId :

SB-46(10-12)-12-14-16RE

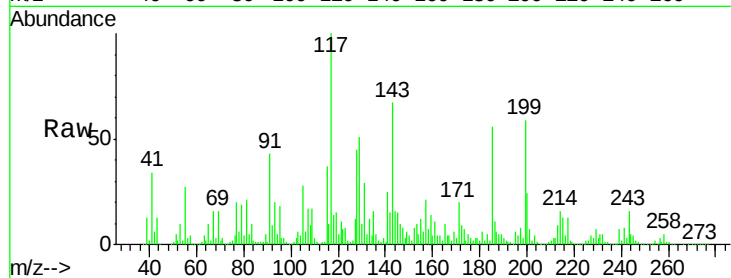
Tot Ion:188 Resp: 44275

Ion Ratio Lower Upper

188 100

94 105.1 10.0 15.0#

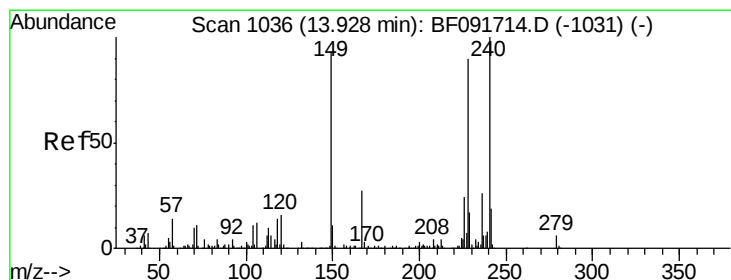
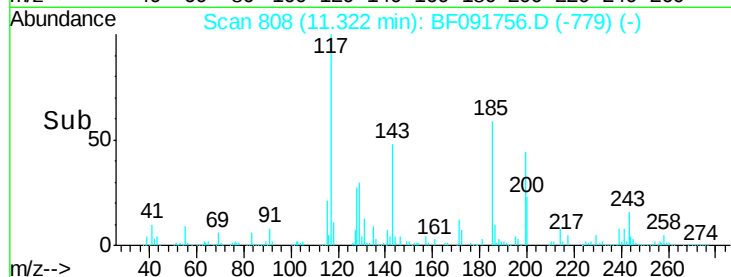
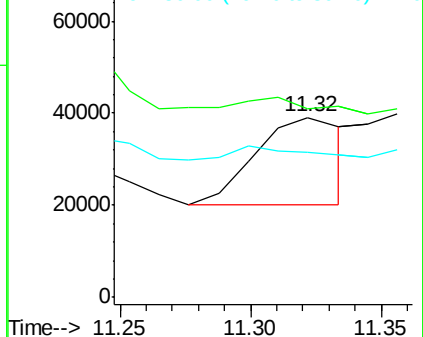
80 81.0 11.2 16.8#



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: 13.95 min Scan# 1038

Delta R.T. 0.02 min

Lab File: BF091756.D

Acq: 19 Dec 2016 00:21

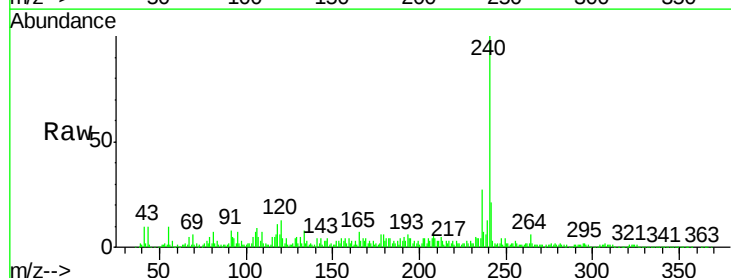
Tgt Ion:240 Resp: 496513

Ion Ratio Lower Upper

240 100

120 12.8 12.9 19.3#

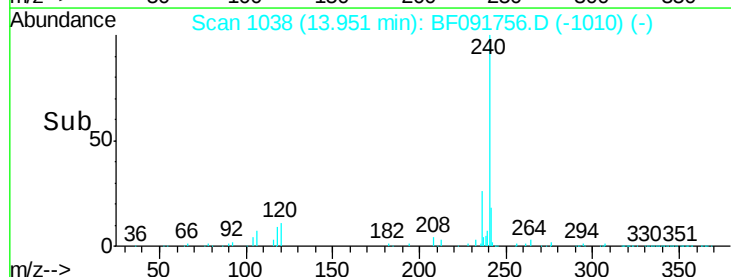
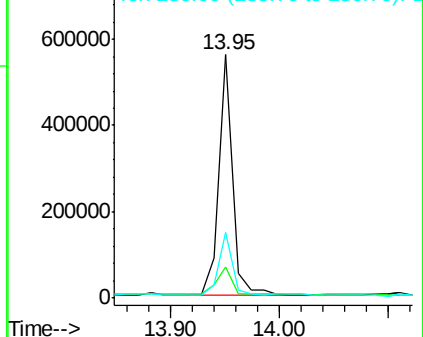
236 26.9 20.9 31.3

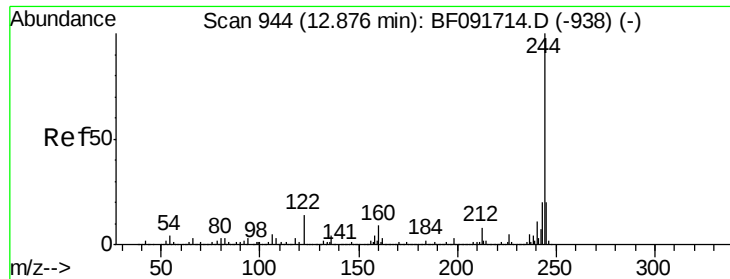


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 0.44 ng

RT: 12.91 min Scan# 947

Delta R.T. 0.03 min

Lab File: BF091756.D

Acq: 19 Dec 2016 00:21

Instrument :

BNA_F

ClientSampleId :

SB-46(10-12)-12-14-16RE

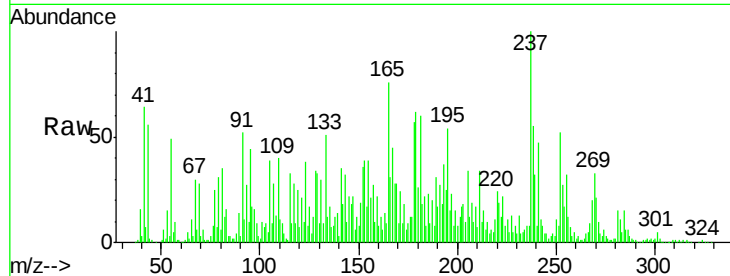
Tot Ion:244 Resp: 8679

Ion Ratio Lower Upper

244 100

212 272.4 6.2 9.2#

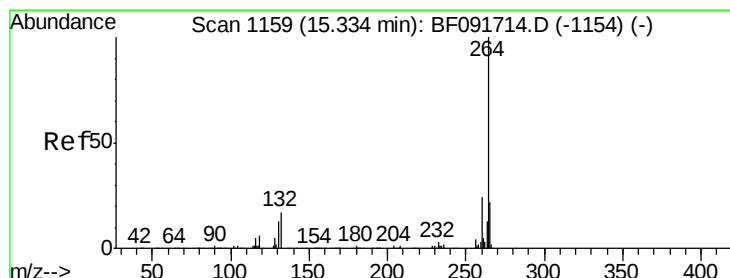
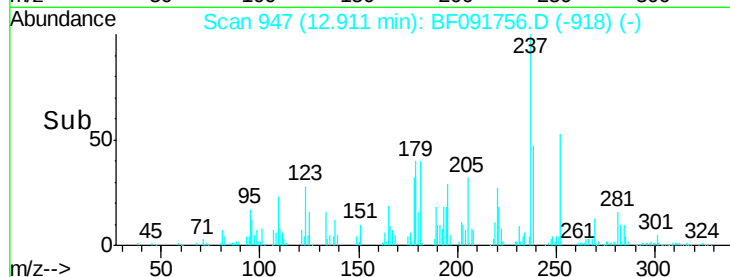
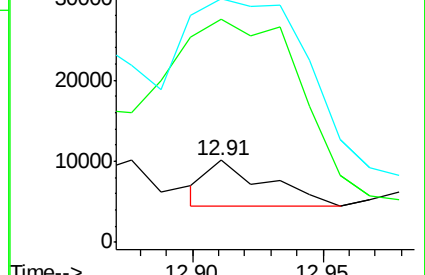
122 296.5 11.4 17.2#



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: 15.33 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF091756.D

Acq: 19 Dec 2016 00:21

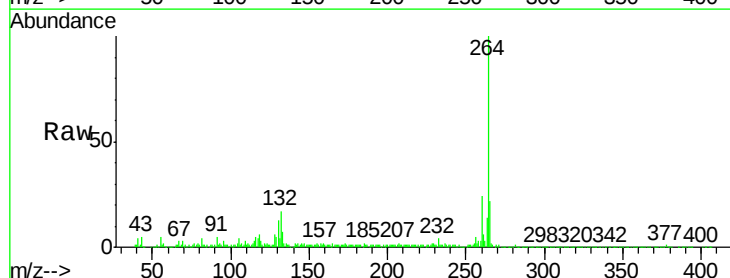
Tgt Ion:264 Resp: 571181

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.7 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

