

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091217\
 Data File : BF098448.D
 Acq On : 12 Sep 2017 14:17
 Operator : SJ/JU
 Sample : I5156-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-011-B

Quant Time: Sep 12 15:13:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

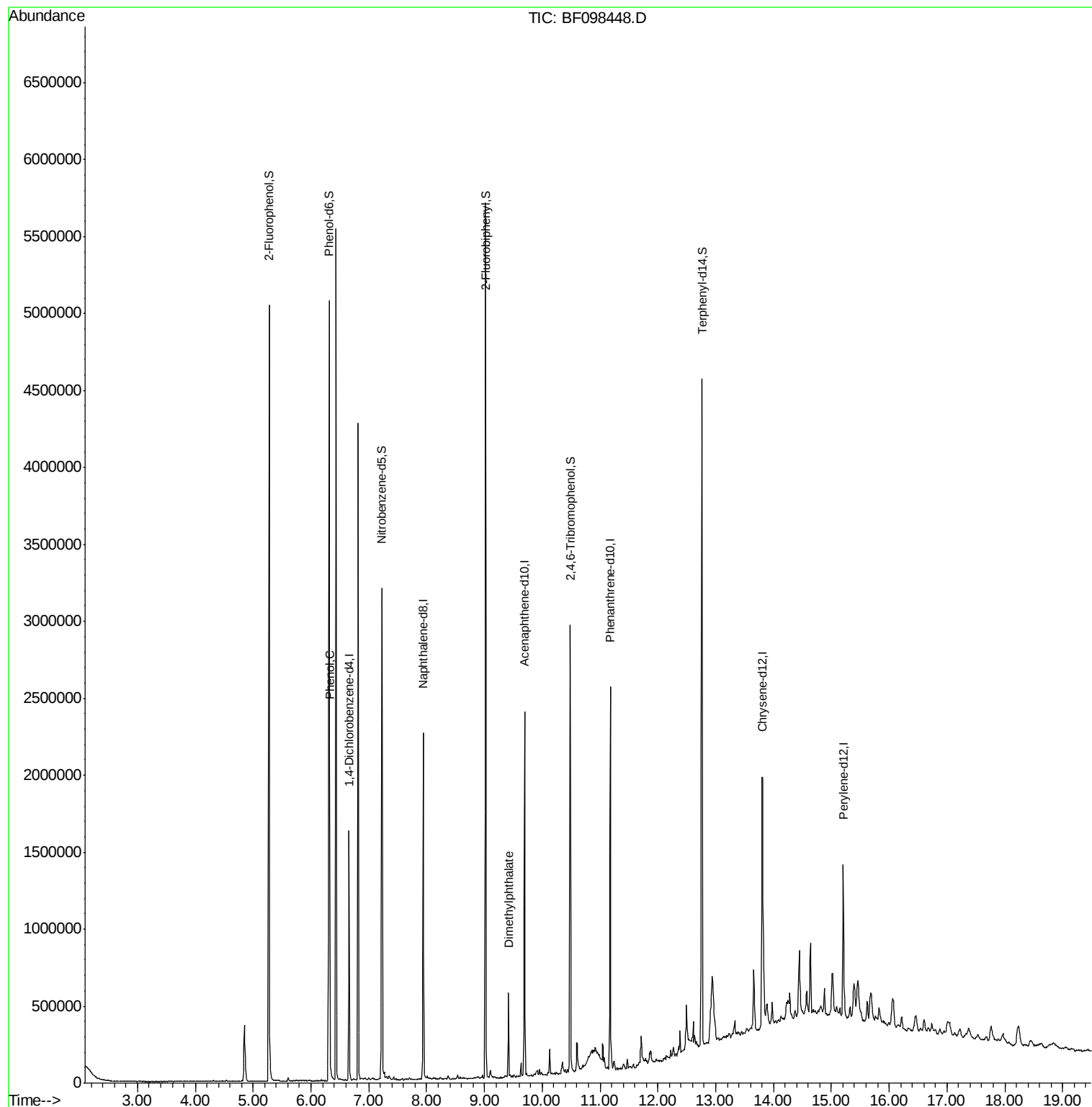
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	231012	20.00	ng	-0.01
21) Naphthalene-d8	7.95	136	973700	20.00	ng	0.00
38) Acenaphthene-d10	9.69	164	437825	20.00	ng	-0.01
63) Phenanthrene-d10	11.17	188	792444	20.00	ng	-0.01
75) Chrysene-d12	13.80	240	456938	20.00	ng	-0.01
86) Perylene-d12	15.20	264	419848	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1468104	93.96	ng	0.00
7) Phenol-d6	6.32	99	1877508	94.64	ng	0.00
23) Nitrobenzene-d5	7.23	82	1192141	68.26	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	299038	102.34	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	1745843	67.59	ng	-0.01
78) Terphenyl-d14	12.76	244	1380829	65.23	ng	0.00
Target Compounds						
10) Phenol	6.33	94	56648	2.458	ng	97
49) Dimethylphthalate	9.42	163	186466	5.502	ng	100

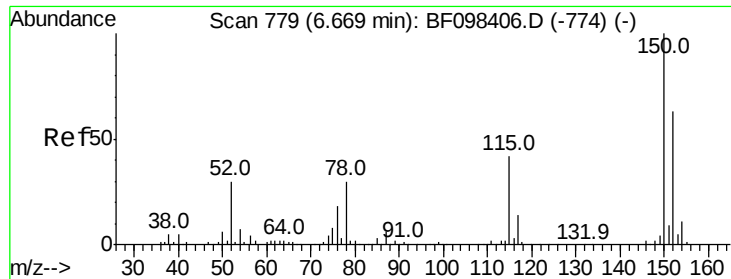
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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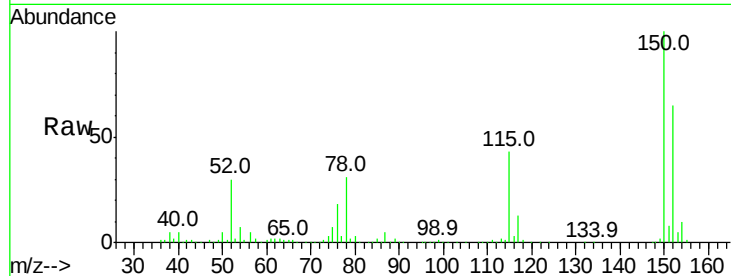


#1

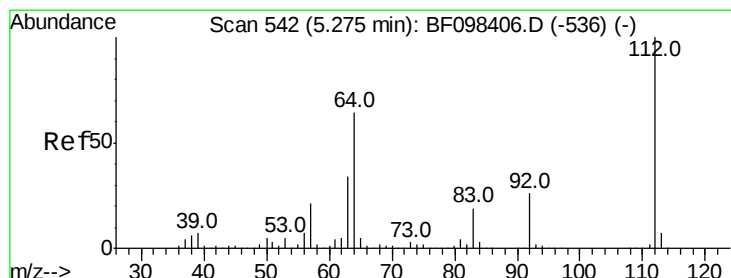
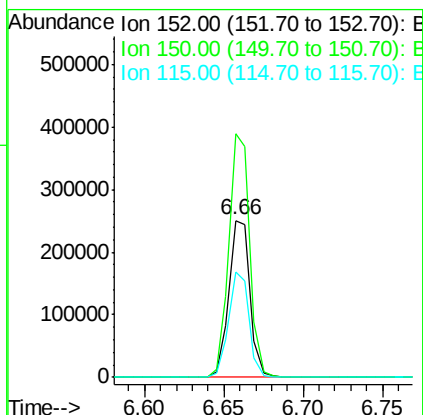
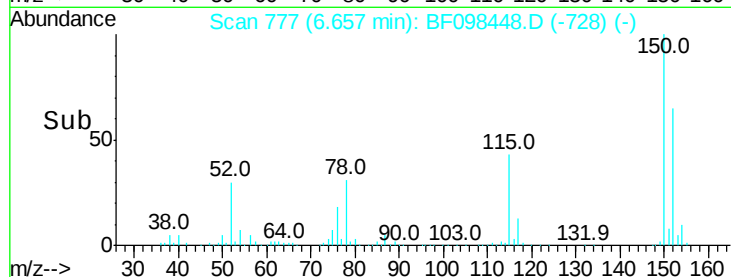
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.66 min Scan# 777
 Delta R.T. -0.01 min
 Lab File: BF098448.D
 Acq: 12 Sep 2017 14:17

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-011-B

Tot Ion:152 Resp: 231012
 Ion Ratio Lower Upper
 152 100
 150 154.9 126.2 189.2
 115 67.3 52.2 78.2



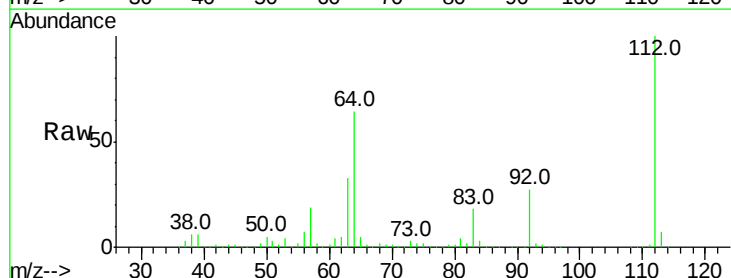
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



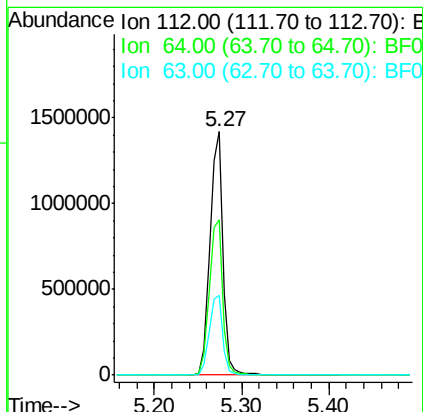
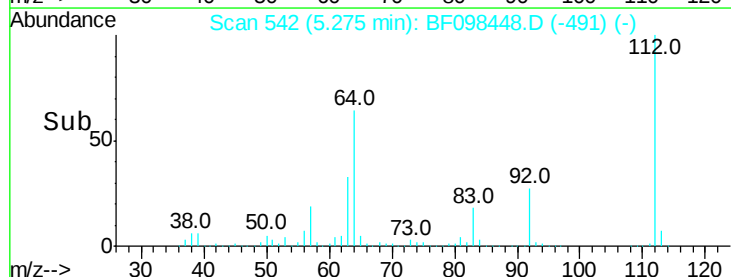
#5

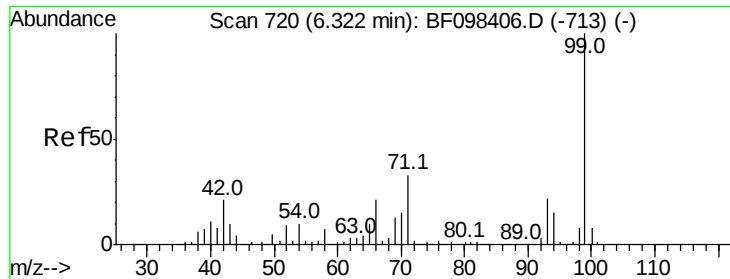
2-Fluorophenol
 Concen: 93.962 ng
 RT: 5.27 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF098448.D
 Acq: 12 Sep 2017 14:17

Tgt Ion:112 Resp: 1468104
 Ion Ratio Lower Upper
 112 100
 64 63.6 46.0 69.0
 63 32.7 23.4 35.0



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: 94.643 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF098448.D

Acq: 12 Sep 2017 14:17

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-011-B

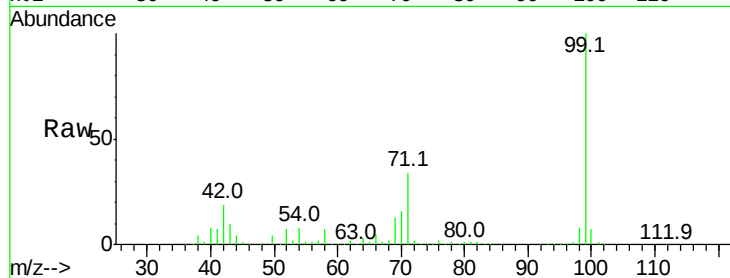
Tot Ion: 99 Resp: 1877508

Ion Ratio Lower Upper

99 100

42 19.0 13.5 20.3

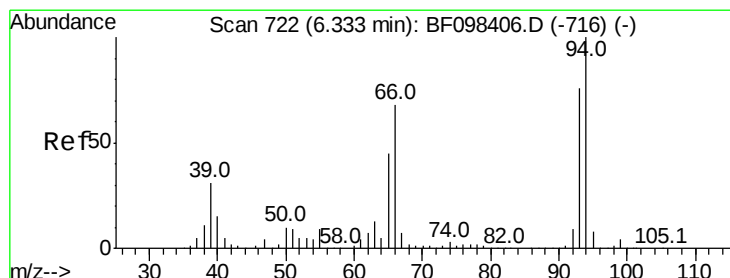
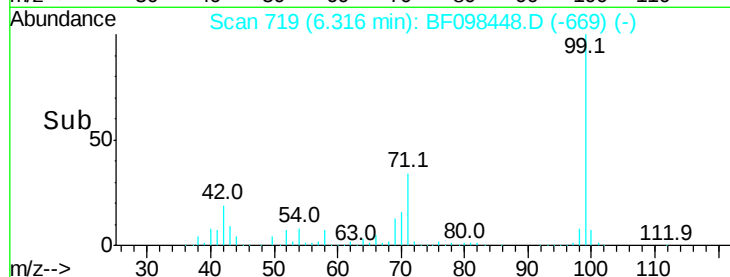
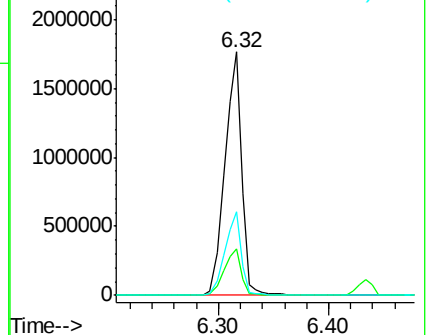
71 34.2 24.5 36.7



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: 2.458 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF098448.D

Acq: 12 Sep 2017 14:17

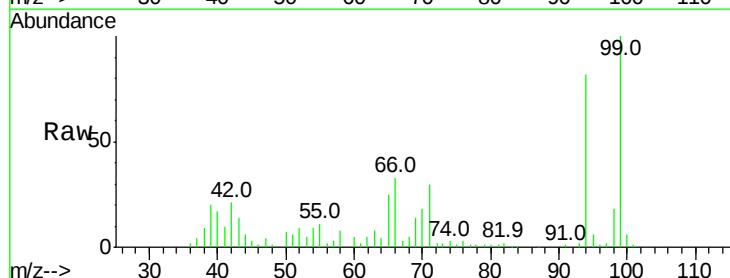
Tgt Ion: 94 Resp: 56648

Ion Ratio Lower Upper

94 100

65 30.4 9.9 49.9

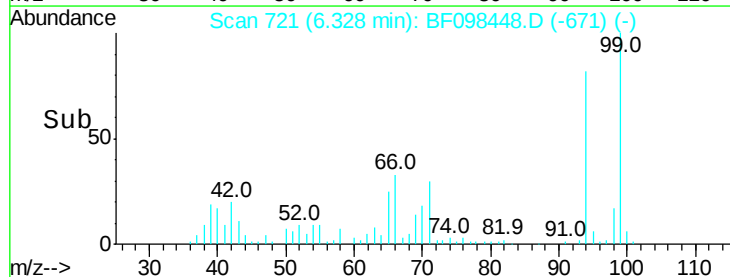
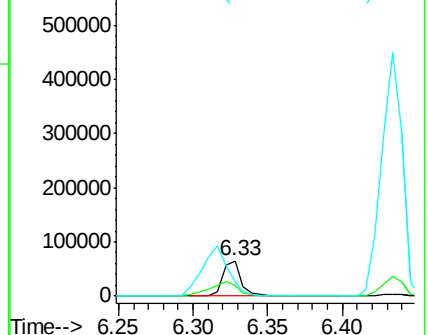
66 40.4 23.1 63.1

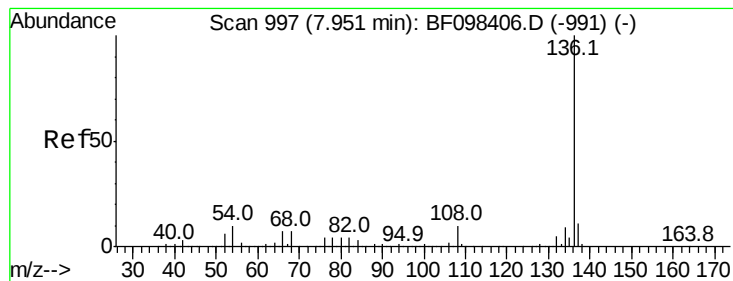


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF098448.D

Acq: 12 Sep 2017 14:17

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-011-B

Tot Ion:136 Resp: 973700

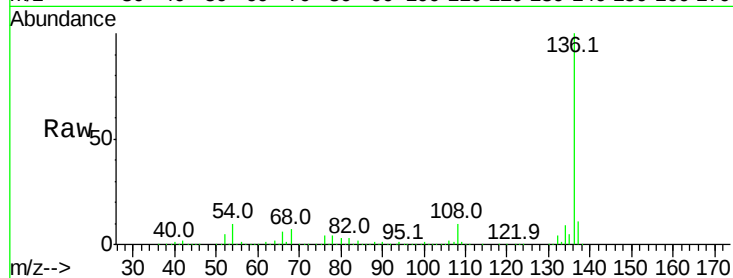
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 9.8 4.9 7.3#

68 6.9 4.1 6.1#

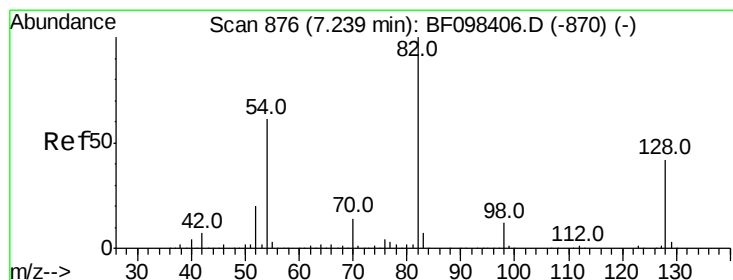
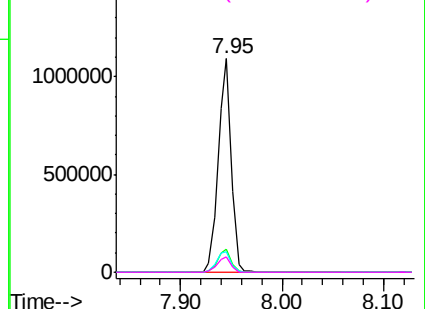
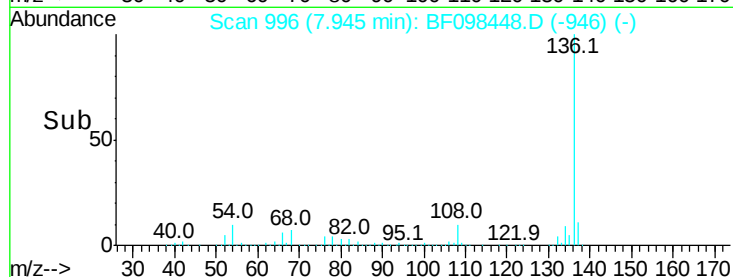


Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.257 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF098448.D

Acq: 12 Sep 2017 14:17

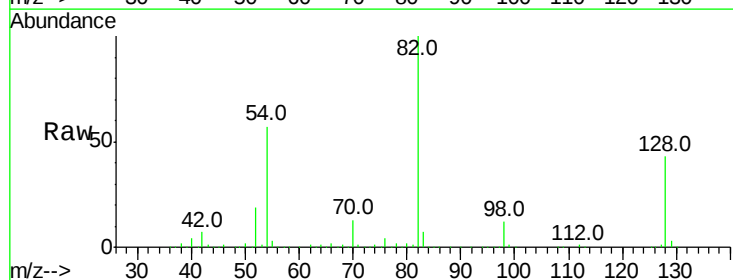
Tgt Ion: 82 Resp: 1192141

Ion Ratio Lower Upper

82 100

128 42.9 34.0 51.0

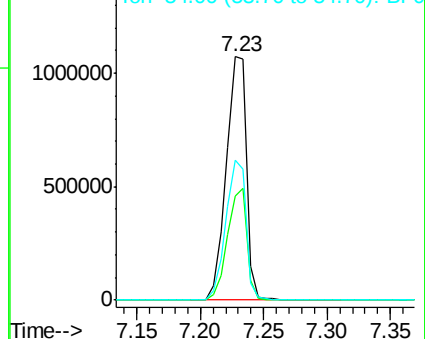
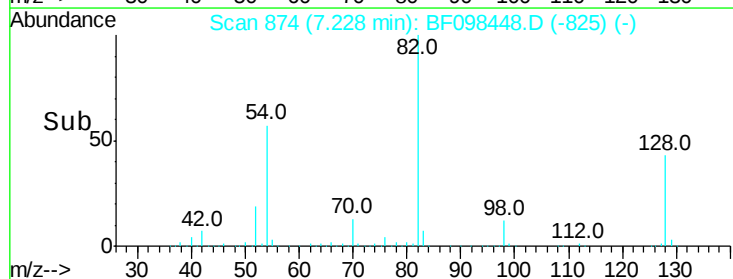
54 57.2 42.2 63.2

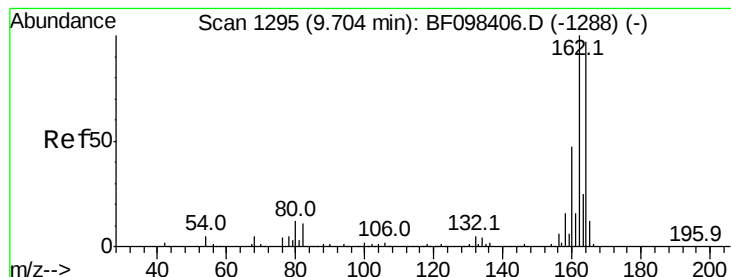


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF098448.D

Acq: 12 Sep 2017 14:17

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-011-B

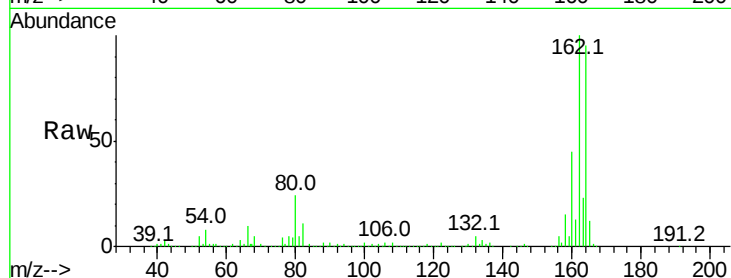
Tot Ion:164 Resp: 437825

Ion Ratio Lower Upper

164 100

162 105.4 82.6 123.8

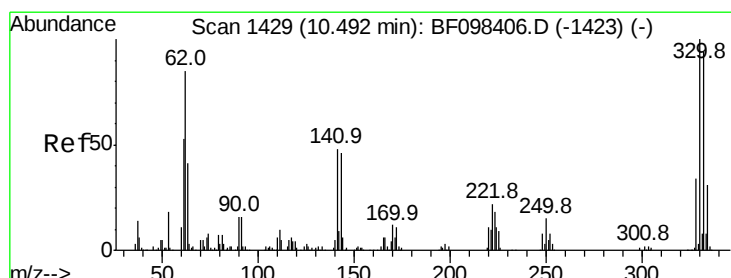
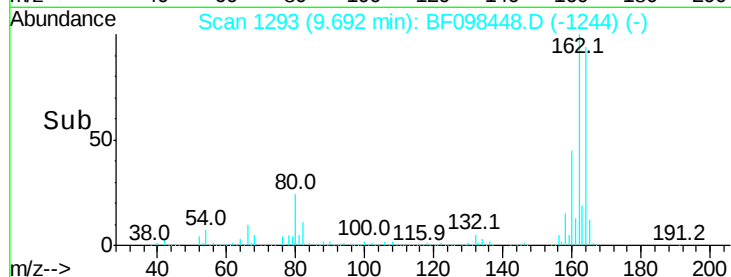
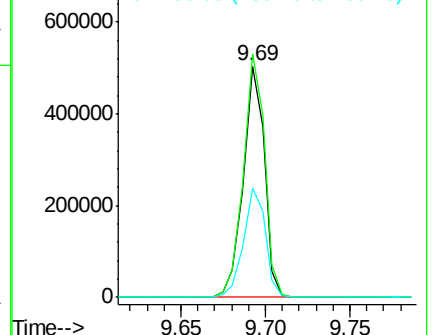
160 47.4 36.2 54.2



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: 102.336 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF098448.D

Acq: 12 Sep 2017 14:17

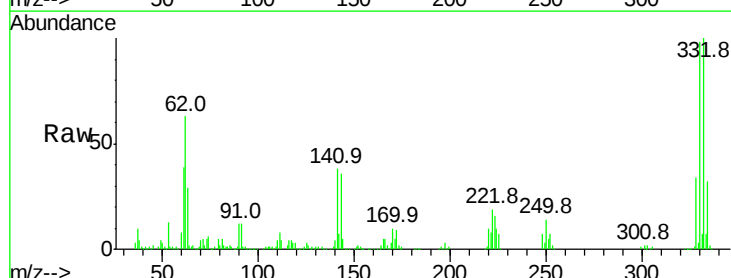
Tgt Ion:330 Resp: 299038

Ion Ratio Lower Upper

330 100

332 99.1 76.6 115.0

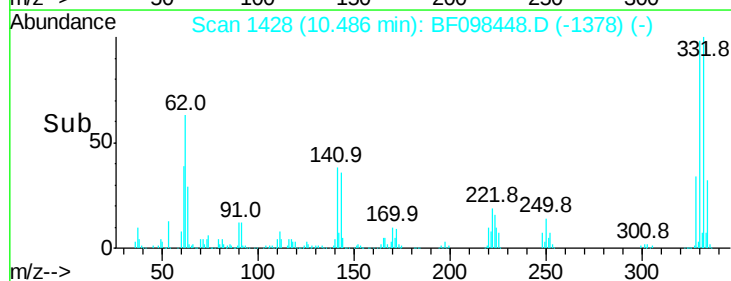
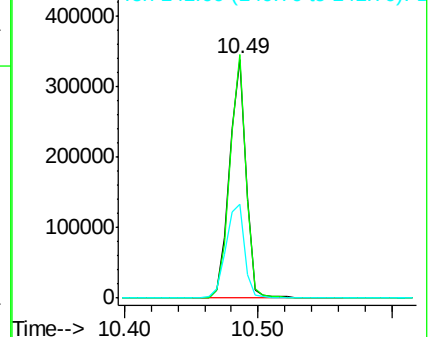
141 44.5 31.4 47.2

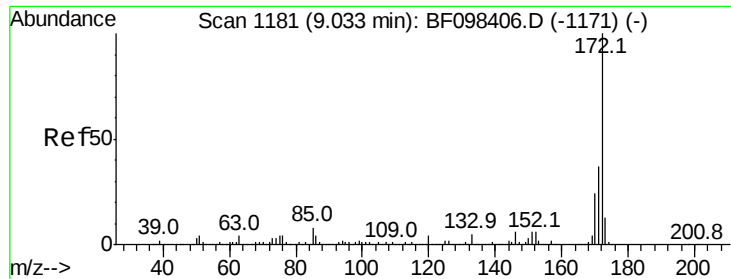


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 67.585 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF098448.D

Acq: 12 Sep 2017 14:17

Instrument :

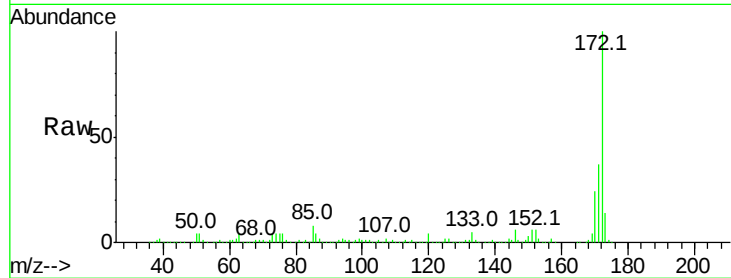
BNA_F

ClientSampleId :

FK-GF-02-011-B

Tot Ion:172 Resp: 1745843

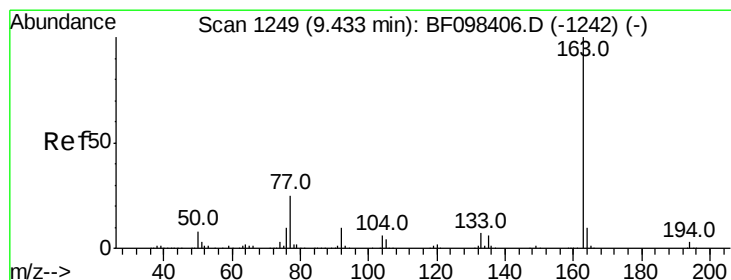
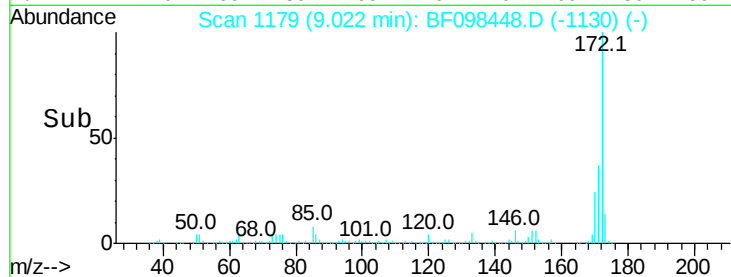
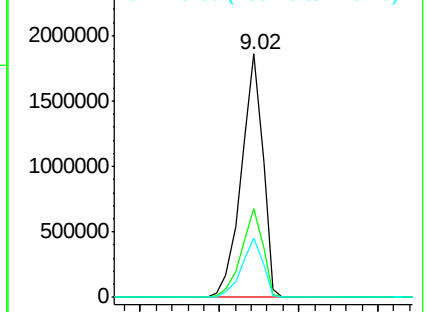
Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.3	19.8	29.8



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: 5.502 ng

RT: 9.42 min Scan# 1246

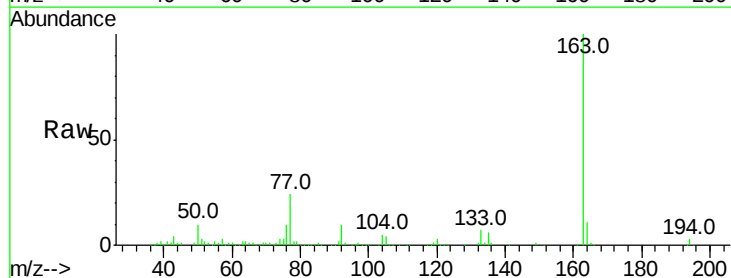
Delta R.T. -0.02 min

Lab File: BF098448.D

Acq: 12 Sep 2017 14:17

Tgt Ion:163 Resp: 186466

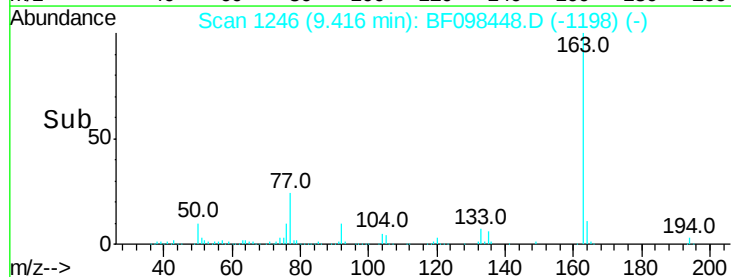
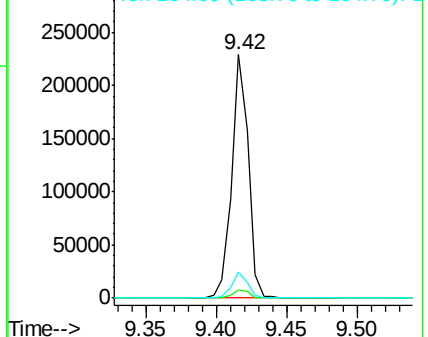
Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.5	8.4	12.6

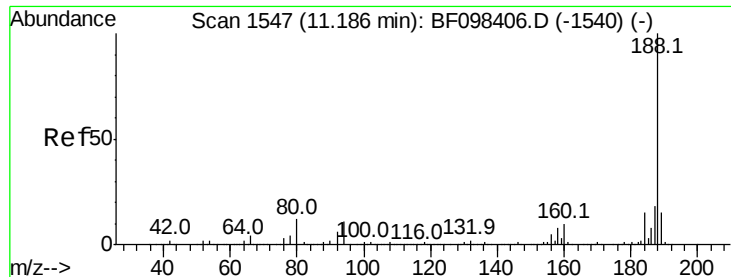


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

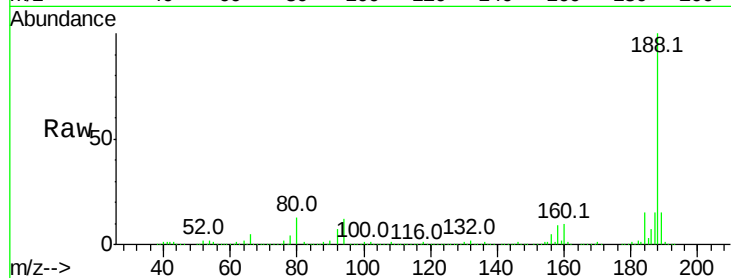




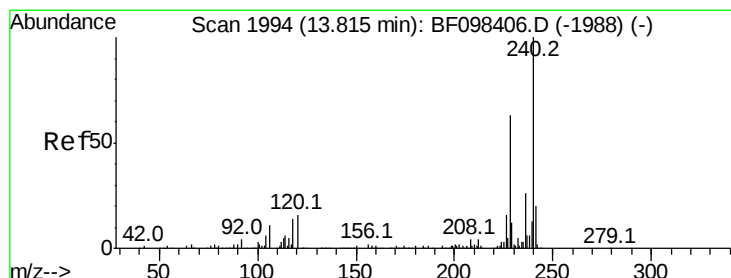
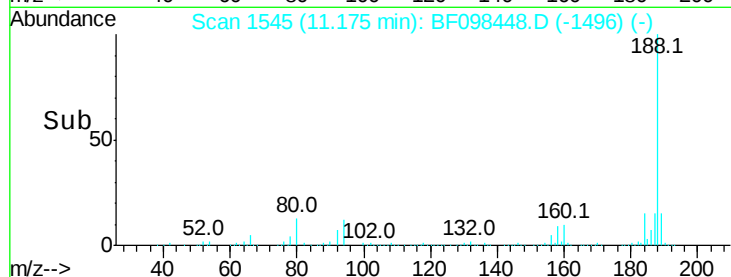
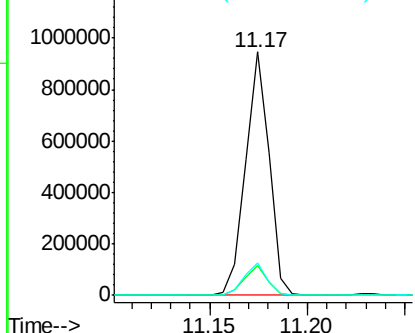
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF098448.D
Acq: 12 Sep 2017 14:17

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-011-B

Tot Ion:188 Resp: 792444
Ion Ratio Lower Upper
188 100
94 12.1 9.4 14.2
80 13.3 10.2 15.2

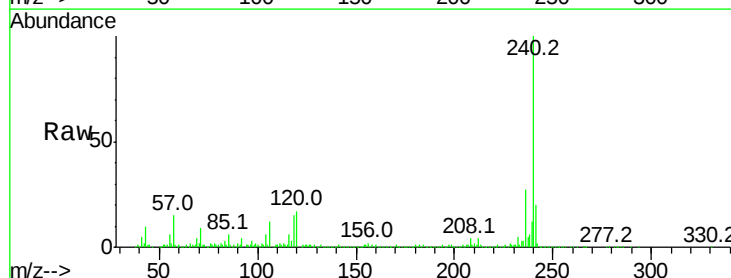


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

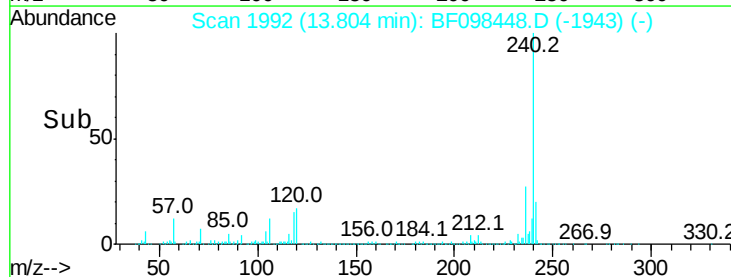
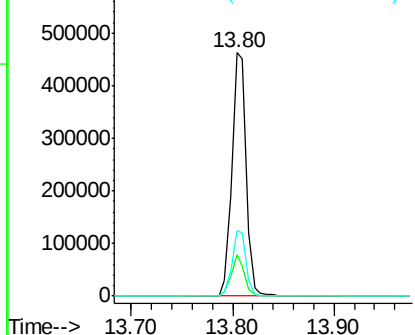


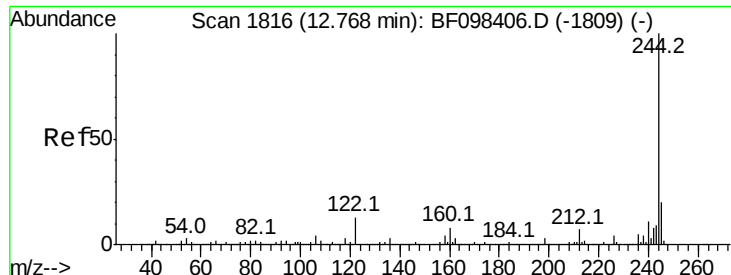
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BF098448.D
Acq: 12 Sep 2017 14:17

Tgt Ion:240 Resp: 456938
Ion Ratio Lower Upper
240 100
120 16.8 5.8 8.8#
236 26.8 20.5 30.7



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: 65.227 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF098448.D

Acq: 12 Sep 2017 14:17

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-011-B

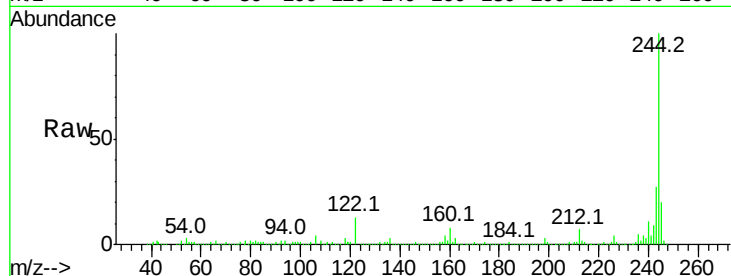
Tot Ion:244 Resp: 1380829

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

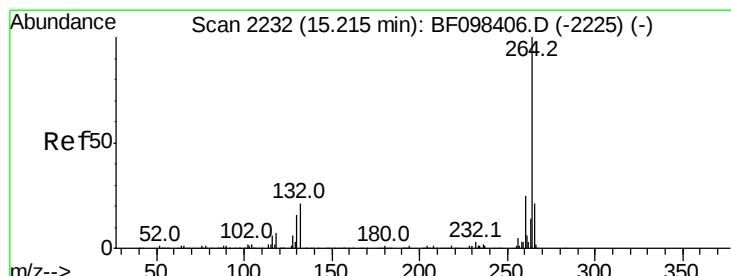
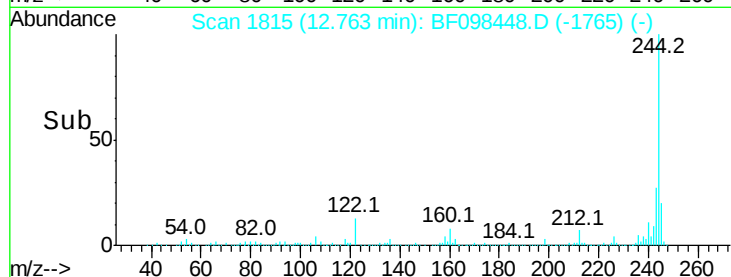
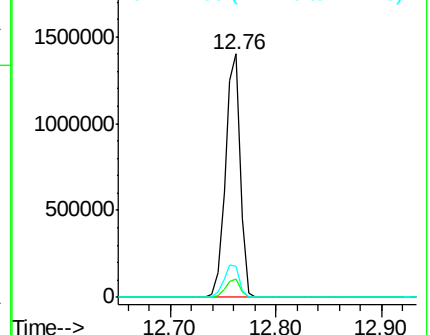
122 12.9 10.3 15.5



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: 20.000 ng

RT: 15.20 min Scan# 2230

Delta R.T. -0.01 min

Lab File: BF098448.D

Acq: 12 Sep 2017 14:17

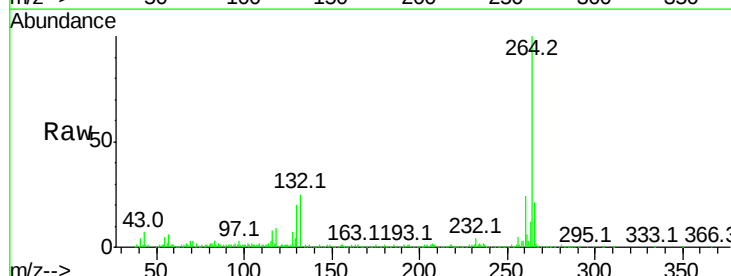
Tgt Ion:264 Resp: 419848

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

265 21.1 17.2 25.8



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

