

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070617\
 Data File : BF096547.D
 Acq On : 6 Jul 2017 21:38
 Operator : SJ/MA
 Sample : I3972-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B1-16.5-17

Quant Time: Jul 07 04:37:40 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 05 13:27:10 2017
 Response via : Initial Calibration

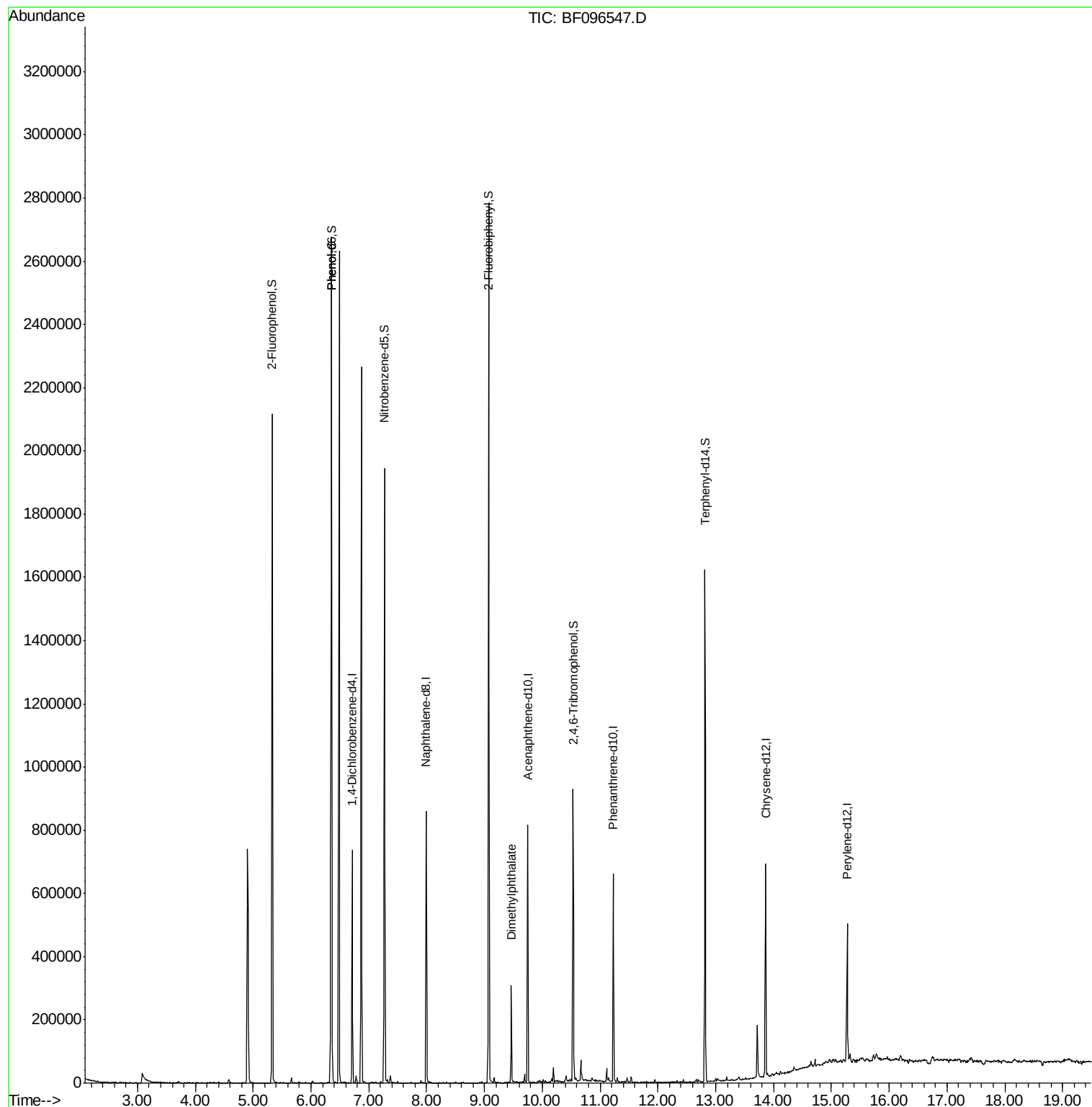
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	111355	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	409760	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	169701	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	225690	20.00	ng	0.00
75) Chrysene-d12	13.86	240	216007	20.00	ng	0.00
86) Perylene-d12	15.27	264	180890	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	633681	83.99	ng	0.01
7) Phenol-d6	6.36	99	973788	104.99	ng	0.00
23) Nitrobenzene-d5	7.27	82	578544	84.84	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	92922	70.10	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	830919	83.72	ng	0.00
78) Terphenyl-d14	12.82	244	495498	49.02	ng	0.00
Target Compounds						
10) Phenol	6.36	94	36118	3.418	ng	92
49) Dimethylphthalate	9.46	163	130553	10.305	ng	98

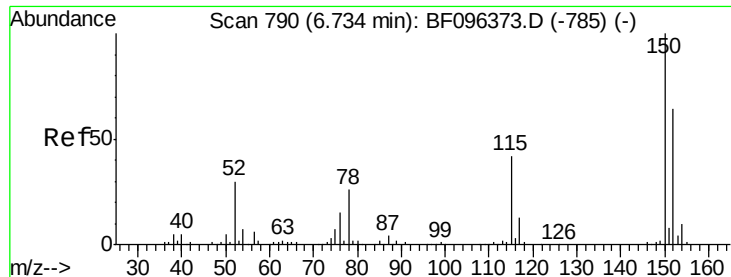
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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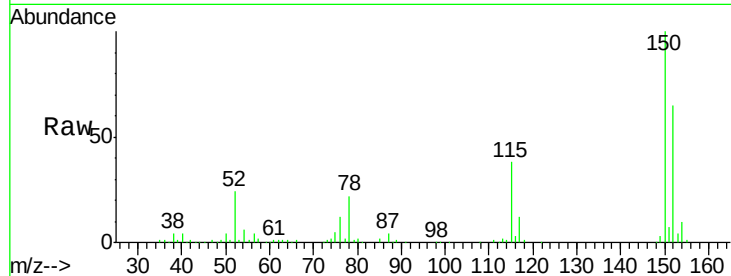


#1

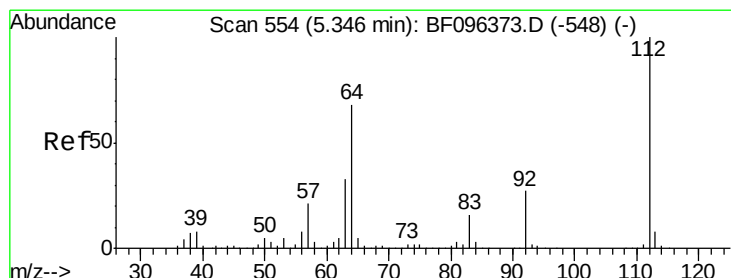
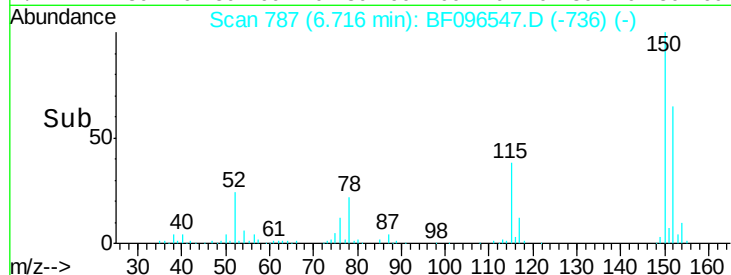
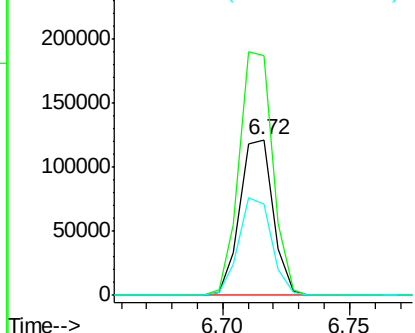
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF096547.D
Acq: 6 Jul 2017 21:38

Instrument :
BNA_F
ClientSampleId :
B1-16.5-17

Tgt Ion:152 Resp: 111355
Ion Ratio Lower Upper
152 100
150 154.6 126.2 189.2
115 58.6 52.2 78.2



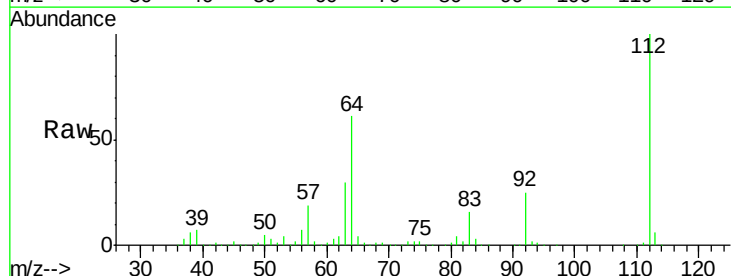
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



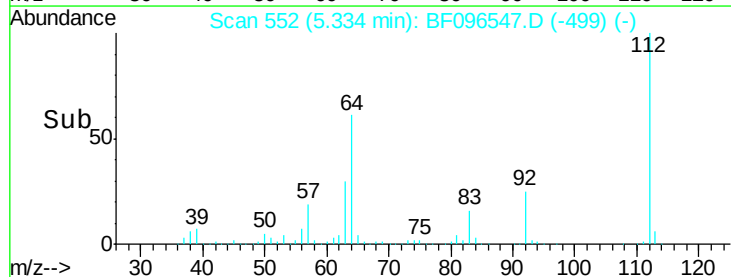
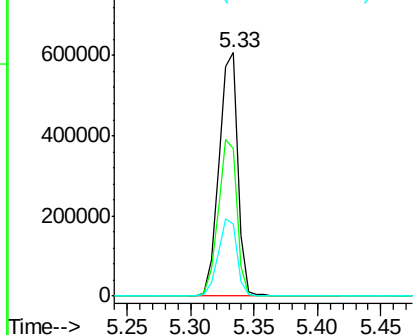
#5

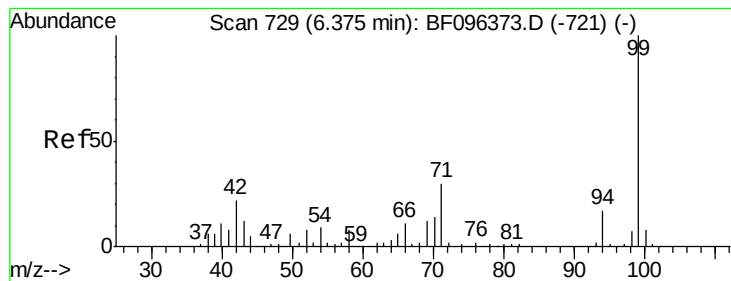
2-Fluorophenol
Concen: 83.992 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF096547.D
Acq: 6 Jul 2017 21:38

Tgt Ion:112 Resp: 633681
Ion Ratio Lower Upper
112 100
64 60.6 46.0 69.0
63 29.8 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: 104.991 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF096547.D

Acq: 6 Jul 2017 21:38

Instrument :

BNA_F

ClientSampleId :

B1-16.5-17

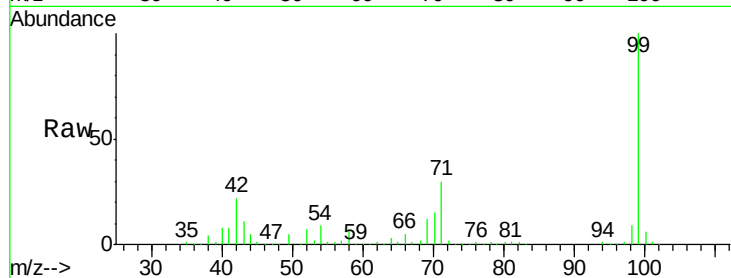
Tgt Ion: 99 Resp: 973788

Ion Ratio Lower Upper

99 100

42 21.7 13.5 20.3#

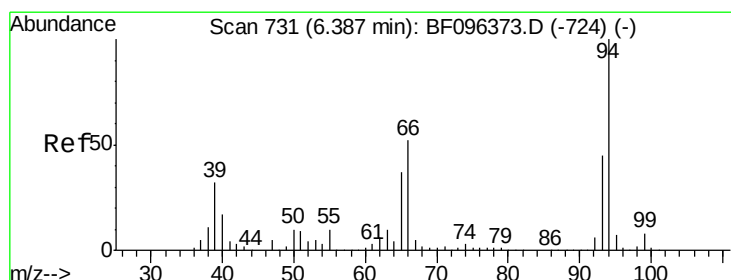
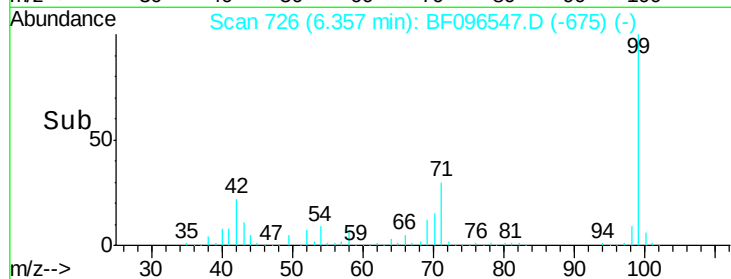
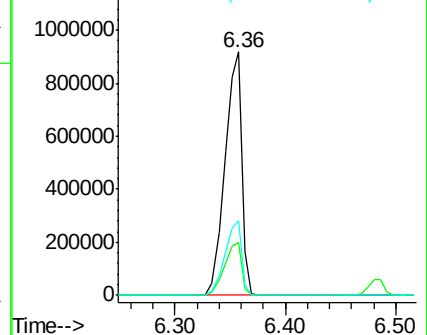
71 30.4 24.5 36.7



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: 3.418 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF096547.D

Acq: 6 Jul 2017 21:38

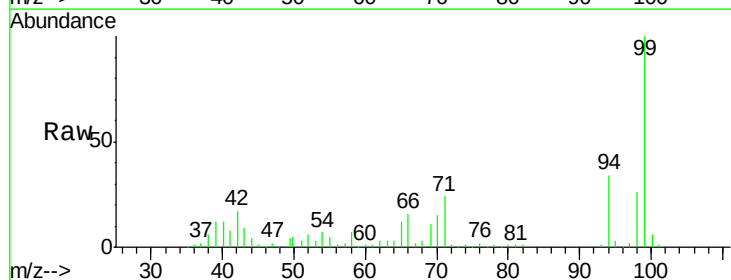
Tgt Ion: 94 Resp: 36118

Ion Ratio Lower Upper

94 100

65 36.0 9.9 49.9

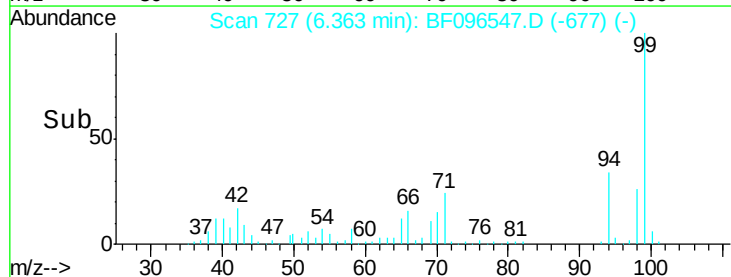
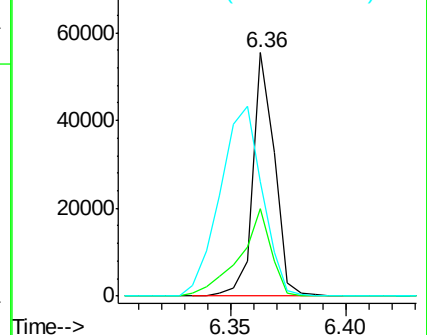
66 47.2 23.1 63.1

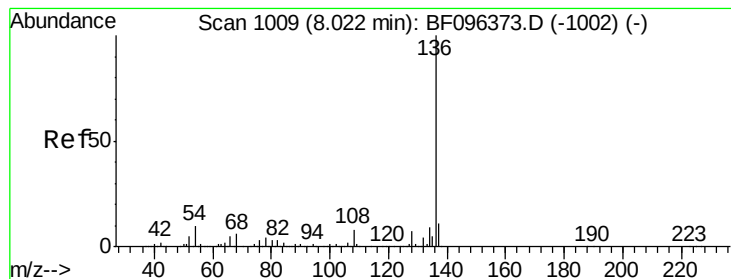


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF096547.D

Acq: 6 Jul 2017 21:38

Instrument :

BNA_F

ClientSampleId :

B1-16.5-17

Tgt Ion: 136 Resp: 409760

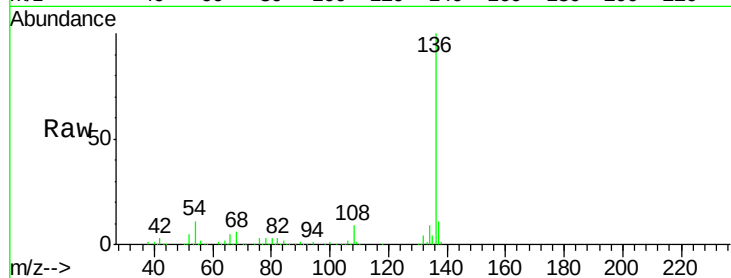
Ion Ratio Lower Upper

136 100

137 11.4 8.5 12.7

54 10.9 4.9 7.3#

68 5.6 4.1 6.1

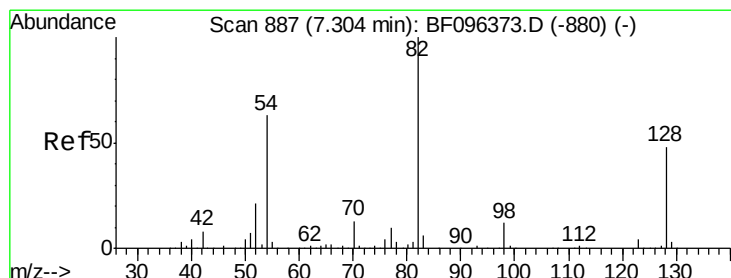
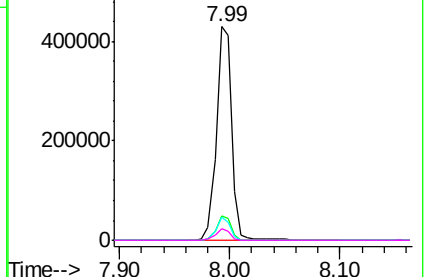
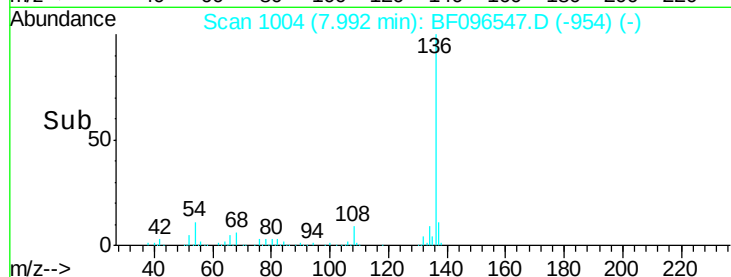


Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.843 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF096547.D

Acq: 6 Jul 2017 21:38

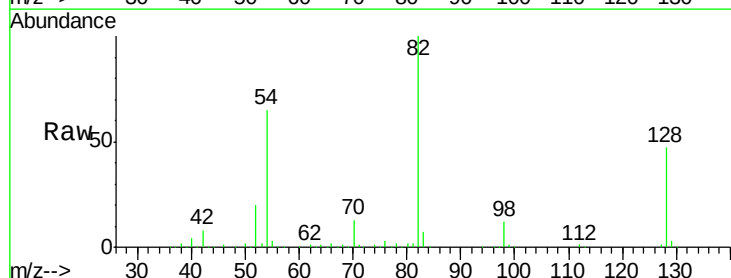
Tgt Ion: 82 Resp: 578544

Ion Ratio Lower Upper

82 100

128 46.8 34.0 51.0

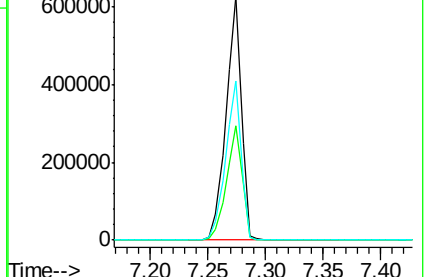
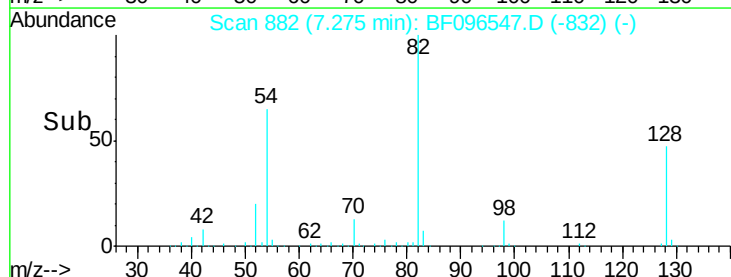
54 65.2 42.2 63.2#

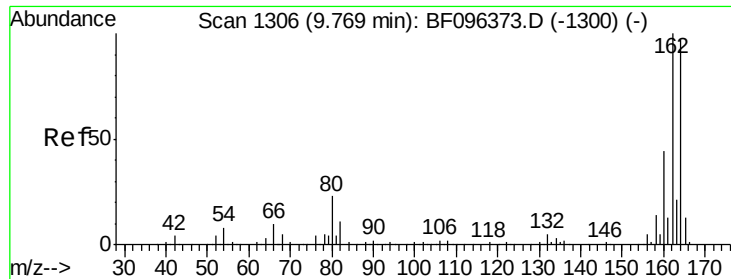


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

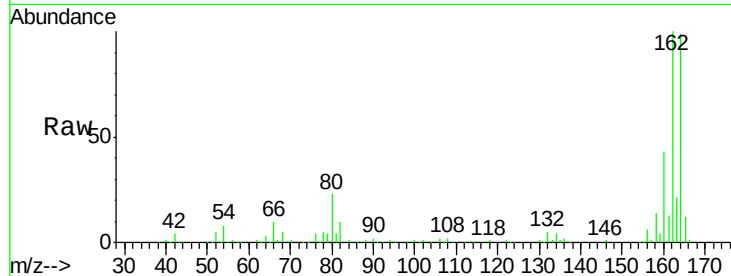




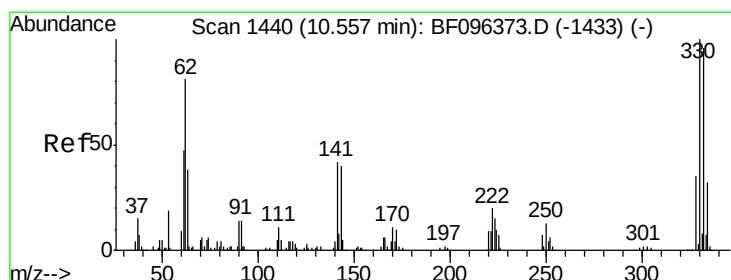
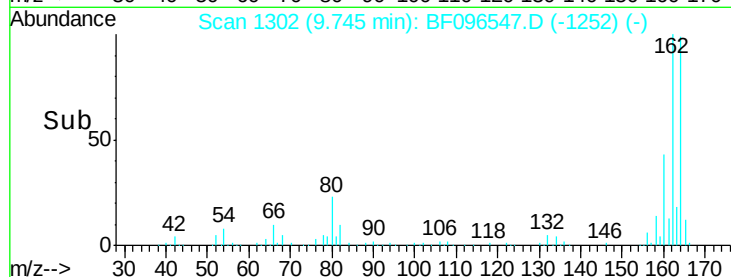
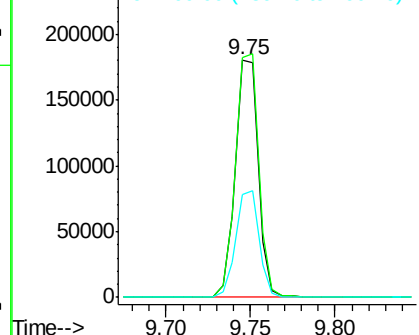
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF096547.D
 Acq: 6 Jul 2017 21:38

Instrument :
 BNA_F
 ClientSampleId :
 B1-16.5-17

Tgt Ion:164 Resp: 169701
 Ion Ratio Lower Upper
 164 100
 162 101.2 82.6 123.8
 160 43.4 36.2 54.2

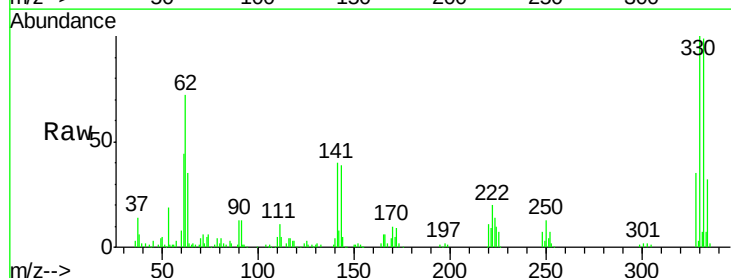


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

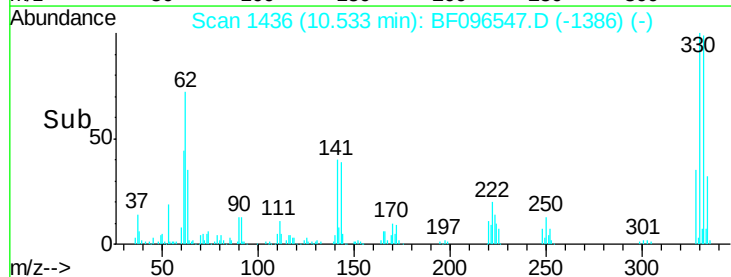
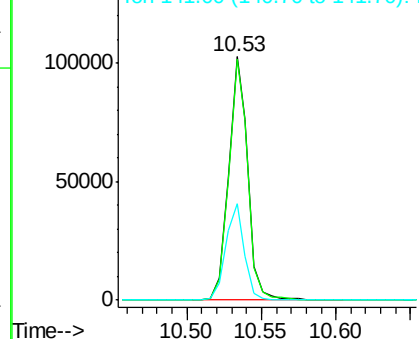


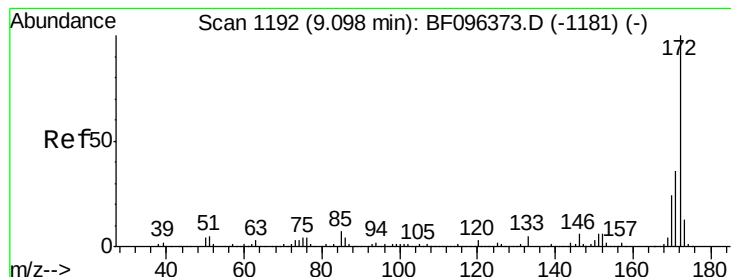
#41
 2,4,6-Tribromophenol
 Concen: 70.099 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF096547.D
 Acq: 6 Jul 2017 21:38

Tgt Ion:330 Resp: 92922
 Ion Ratio Lower Upper
 330 100
 332 98.2 76.6 115.0
 141 38.2 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: 83.717 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF096547.D

Acq: 6 Jul 2017 21:38

Instrument :

BNA_F

ClientSampleId :

B1-16.5-17

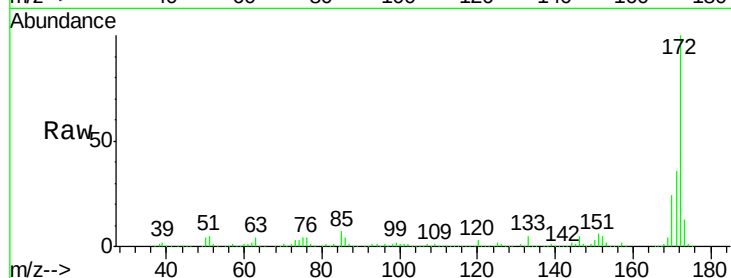
Tgt Ion:172 Resp: 830919

Ion Ratio Lower Upper

172 100

171 35.8 29.6 44.4

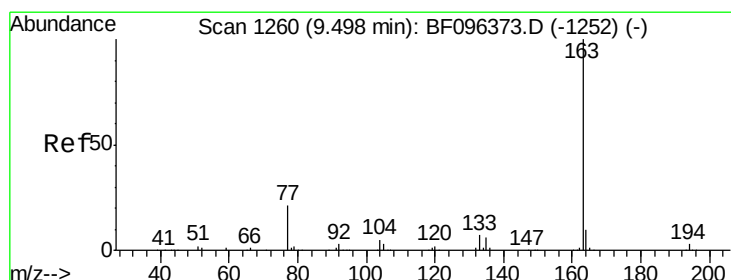
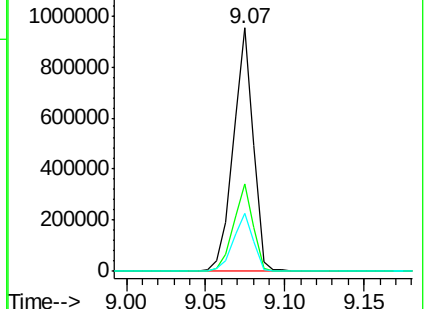
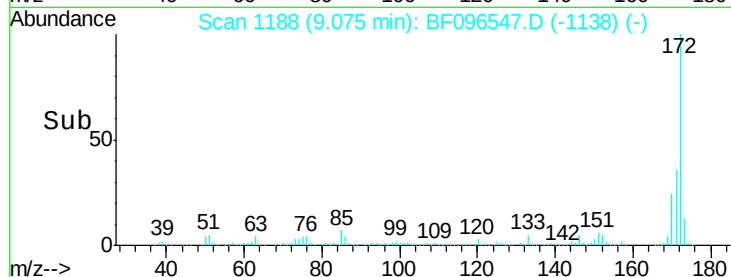
170 23.8 19.8 29.8



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: 10.305 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.02 min

Lab File: BF096547.D

Acq: 6 Jul 2017 21:38

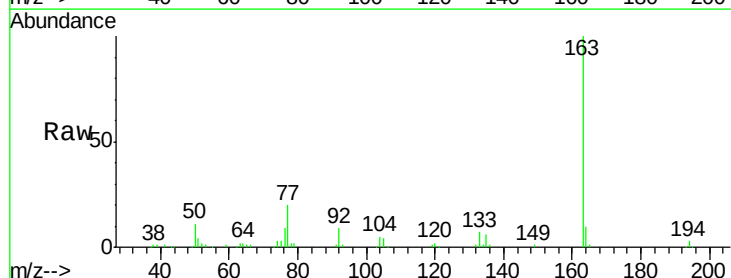
Tgt Ion:163 Resp: 130553

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

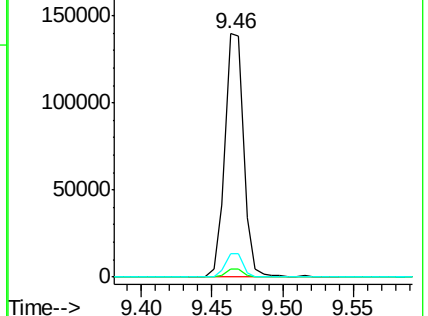
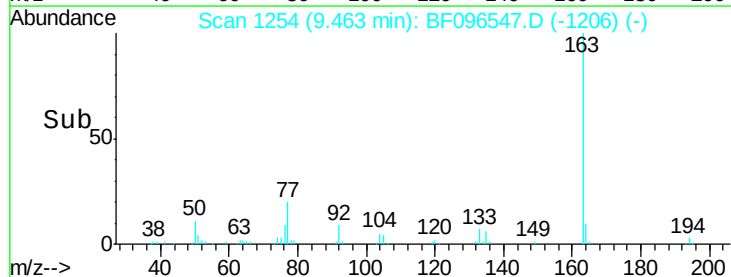
164 9.8 8.4 12.6

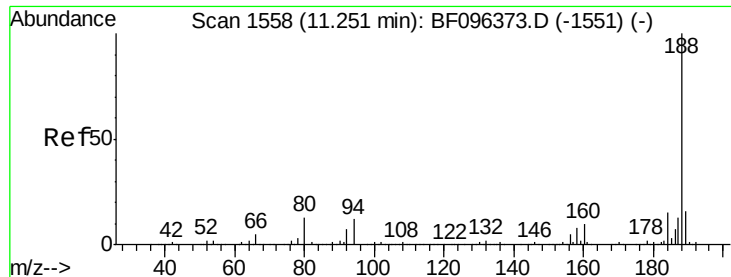


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

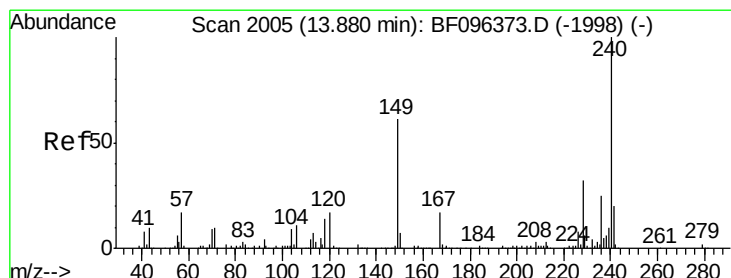
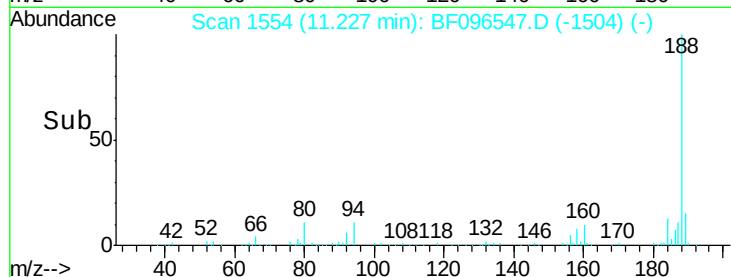
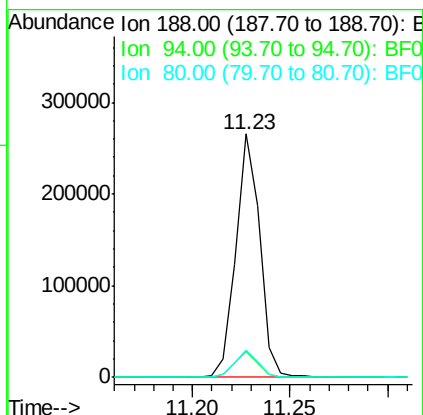
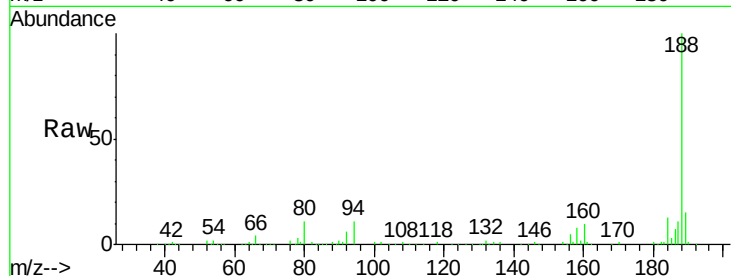




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF096547.D
Acq: 6 Jul 2017 21:38

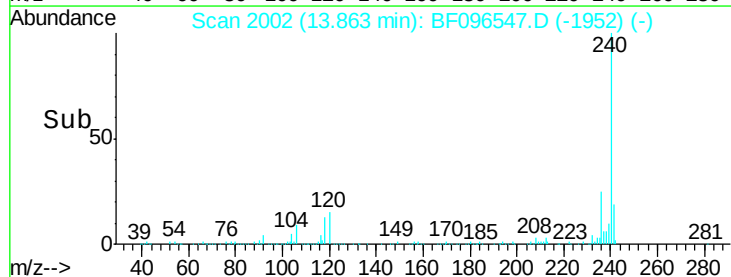
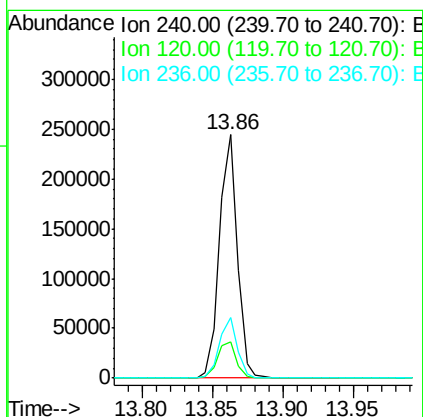
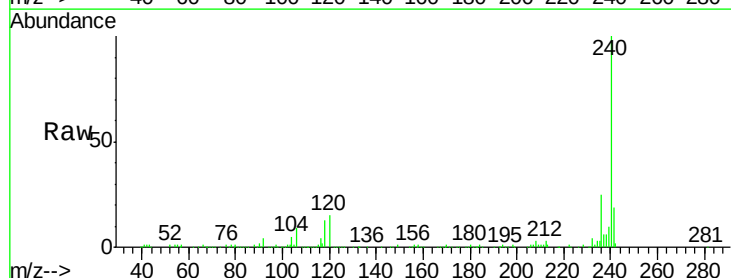
Instrument :
BNA_F
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B1-16.5-17

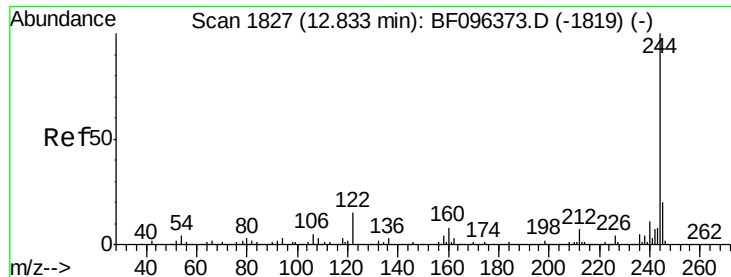
Tgt Ion:188 Resp: 225690
Ion Ratio Lower Upper
188 100
94 10.7 9.4 14.2
80 11.4 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF096547.D
Acq: 6 Jul 2017 21:38

Tgt Ion:240 Resp: 216007
Ion Ratio Lower Upper
240 100
120 14.6 5.8 8.8#
236 24.6 20.5 30.7





#78

Terphenyl-d14

Concen: 49.017 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BF096547.D

Acq: 6 Jul 2017 21:38

Instrument :

BNA_F

ClientSampleId :

B1-16.5-17

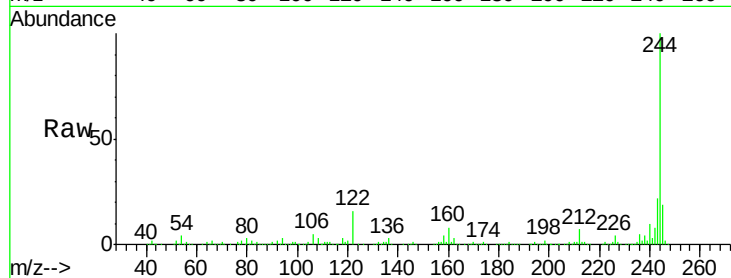
Tgt Ion:244 Resp: 495498

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

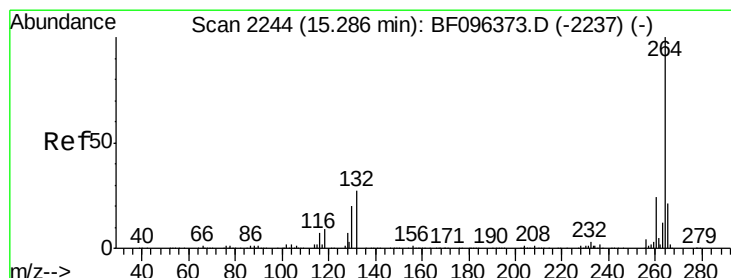
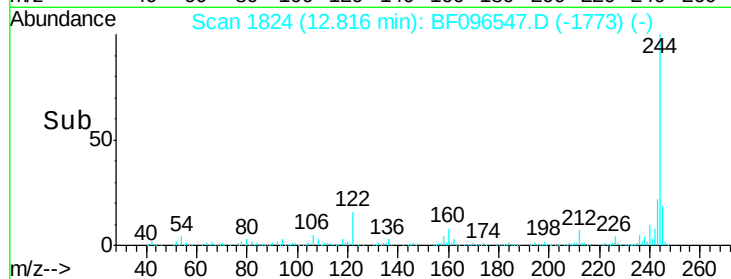
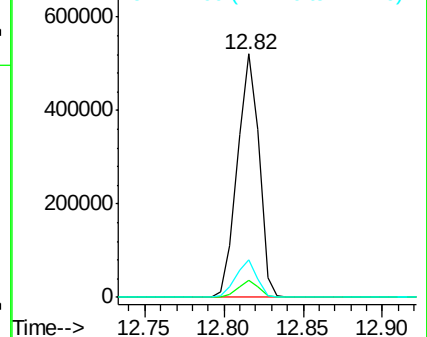
122 15.6 10.3 15.5#



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: 15.27 min Scan# 2242

Delta R.T. -0.00 min

Lab File: BF096547.D

Acq: 6 Jul 2017 21:38

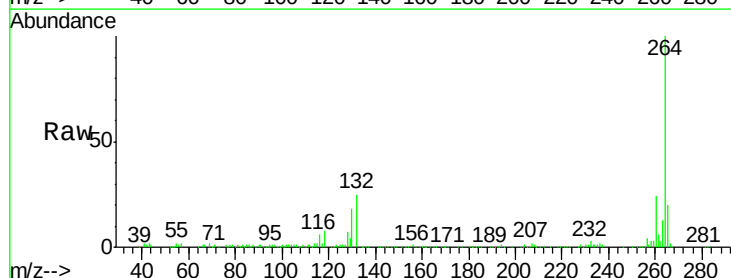
Tgt Ion:264 Resp: 180890

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 20.3 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

