

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070717\
 Data File : BF096577.D
 Acq On : 7 Jul 2017 23:40
 Operator : SJ/MA
 Sample : I4070-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-070517-D

Quant Time: Jul 08 01:29:17 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

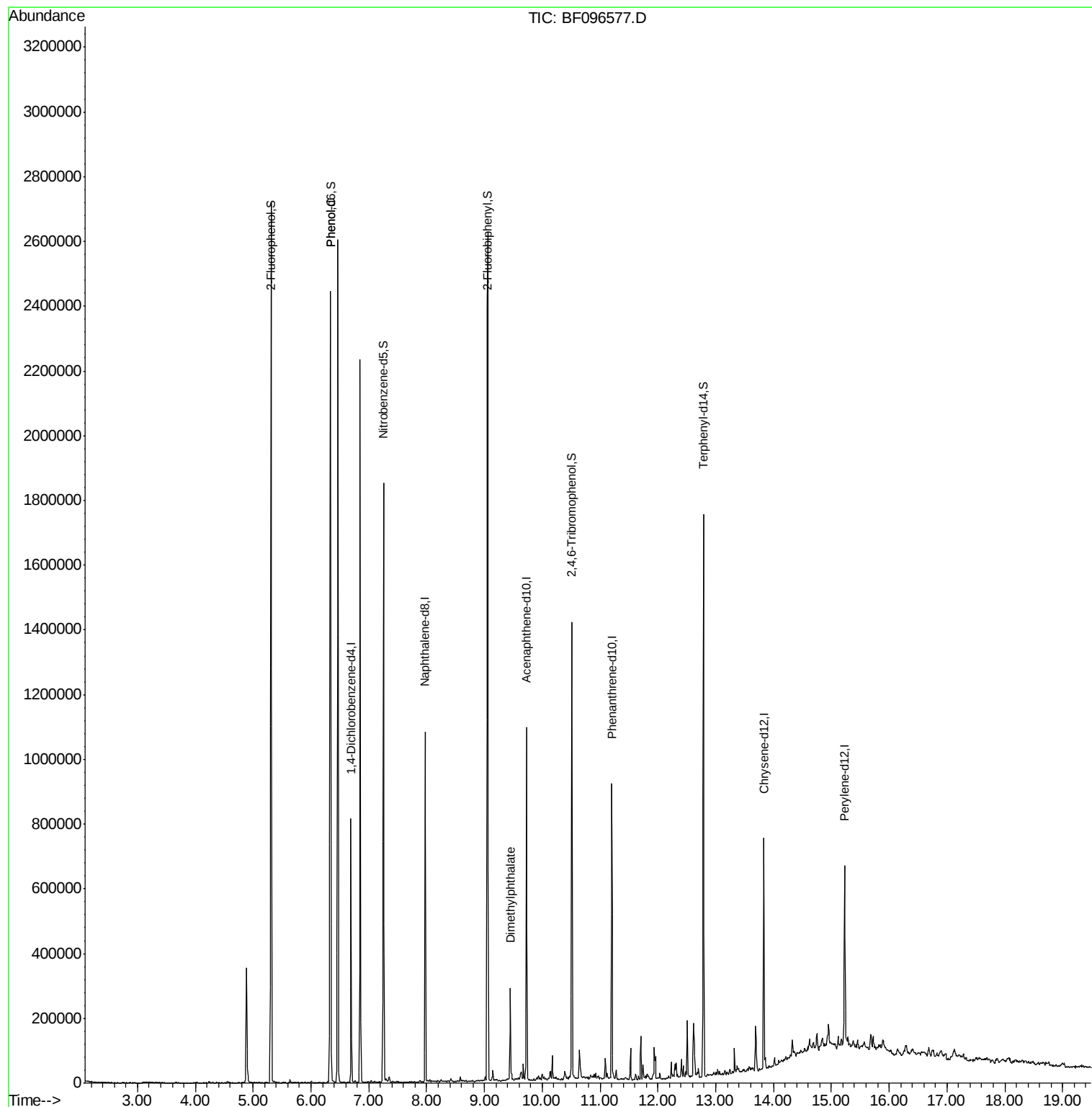
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	114096	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	468149	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	198899	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	297353	20.00	ng	0.00
75) Chrysene-d12	13.83	240	218943	20.00	ng	-0.01
86) Perylene-d12	15.23	264	217637	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	767670	99.31	ng	0.00
7) Phenol-d6	6.34	99	928582	97.71	ng	0.00
23) Nitrobenzene-d5	7.26	82	545481	70.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	163676	105.35	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	864997	74.36	ng	0.00
78) Terphenyl-d14	12.79	244	564665	55.11	ng	-0.01
Target Compounds						
10) Phenol	6.35	94	29410	2.716	ng	96
49) Dimethylphthalate	9.45	163	99389	6.694	ng	98

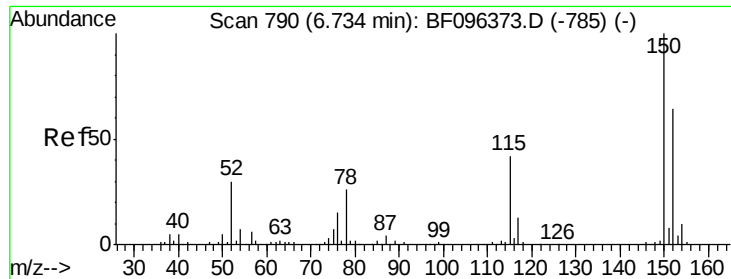
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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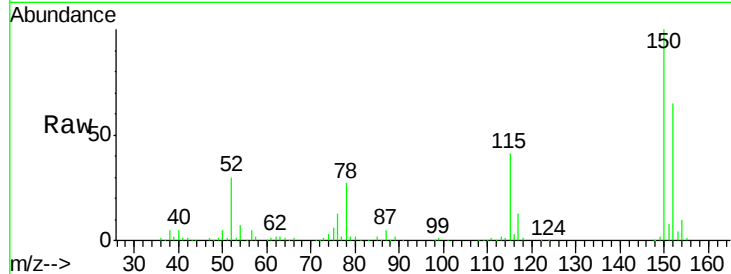


#1

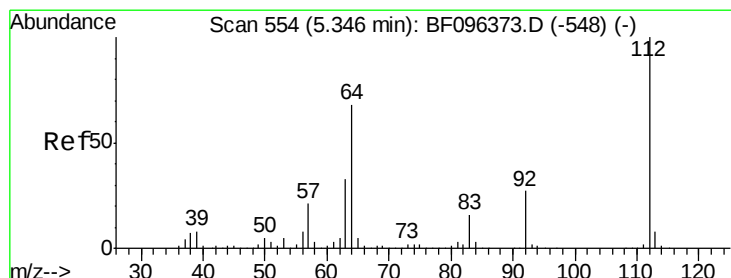
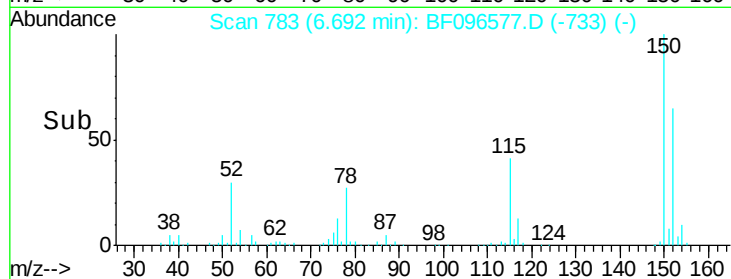
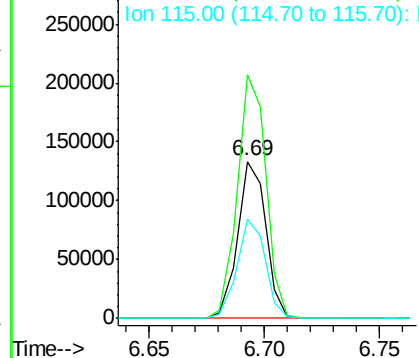
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF096577.D
Acq: 7 Jul 2017 23:40

Instrument :
BNA_F
ClientSampleId :
AU-05-070517-D

Tgt Ion:152 Resp: 114096
Ion Ratio Lower Upper
152 100
150 155.0 126.2 189.2
115 63.3 52.2 78.2



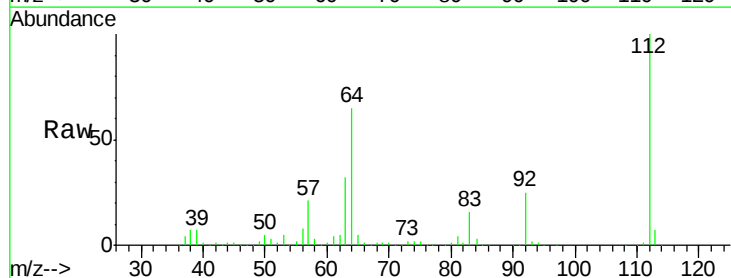
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



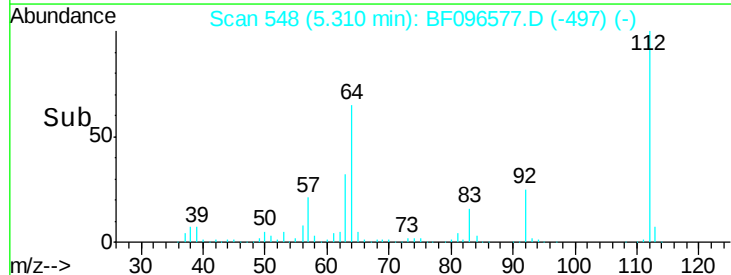
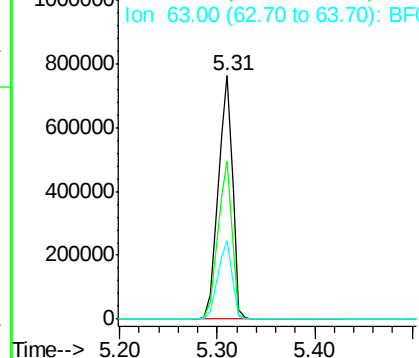
#5

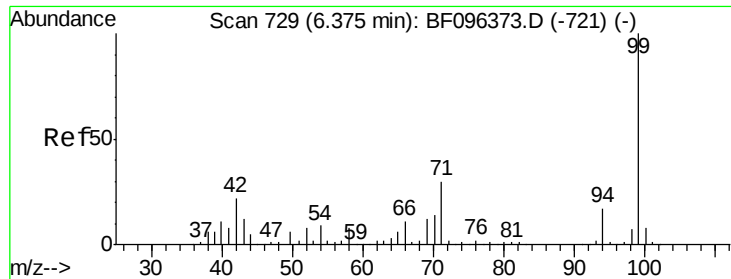
2-Fluorophenol
Concen: 99.307 ng
RT: 5.31 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF096577.D
Acq: 7 Jul 2017 23:40

Tgt Ion:112 Resp: 767670
Ion Ratio Lower Upper
112 100
64 64.8 46.0 69.0
63 32.2 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: 97.711 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF096577.D

Acq: 7 Jul 2017 23:40

Instrument :

BNA_F

ClientSampleId :

AU-05-070517-D

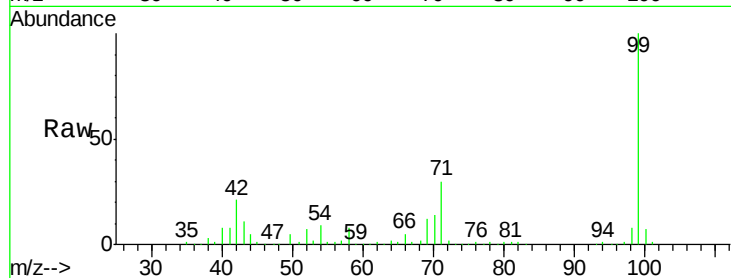
Tgt Ion: 99 Resp: 928582

Ion Ratio Lower Upper

99 100

42 21.0 13.5 20.3#

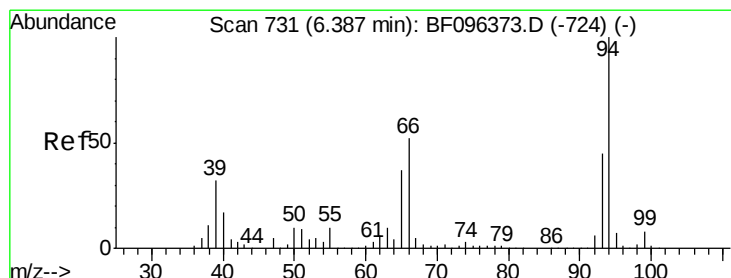
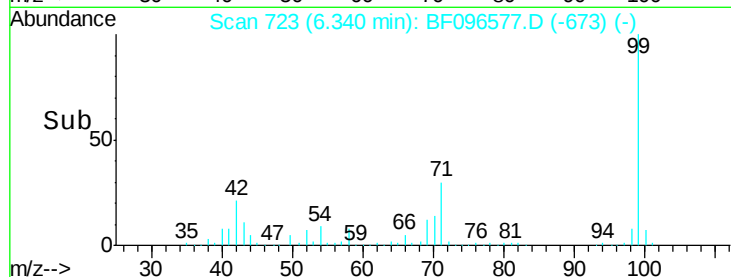
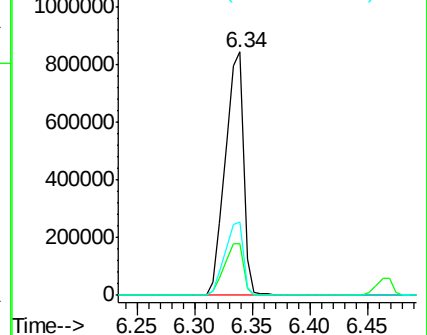
71 30.3 24.5 36.7



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: 2.716 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF096577.D

Acq: 7 Jul 2017 23:40

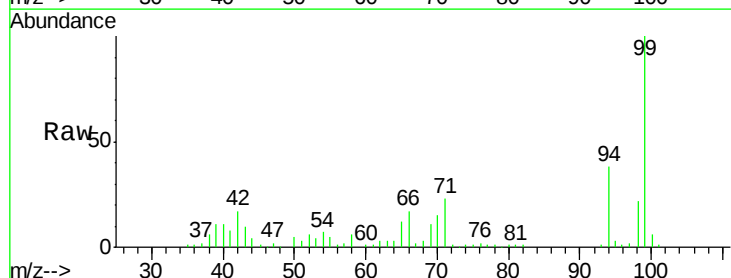
Tgt Ion: 94 Resp: 29410

Ion Ratio Lower Upper

94 100

65 32.6 9.9 49.9

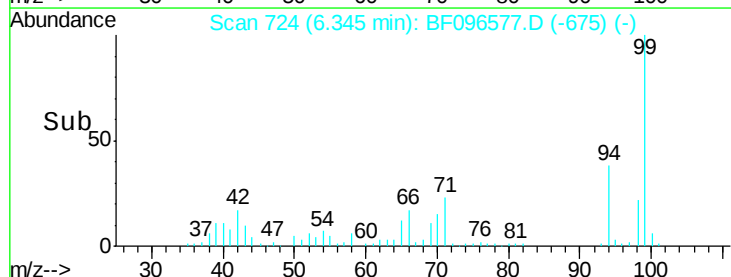
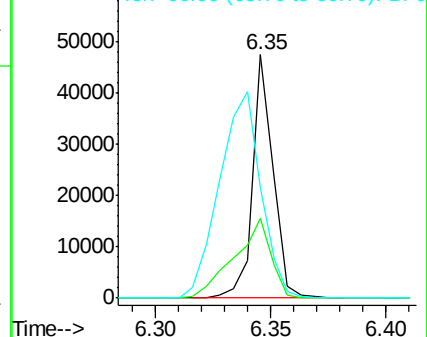
66 45.3 23.1 63.1

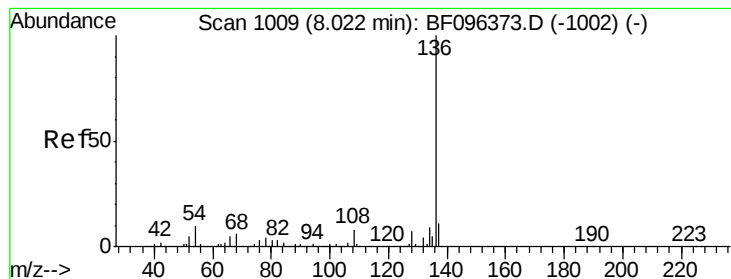


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF096577.D

Acq: 7 Jul 2017 23:40

Instrument :

BNA_F

ClientSampleId :

AU-05-070517-D

Tgt Ion: 136 Resp: 468149

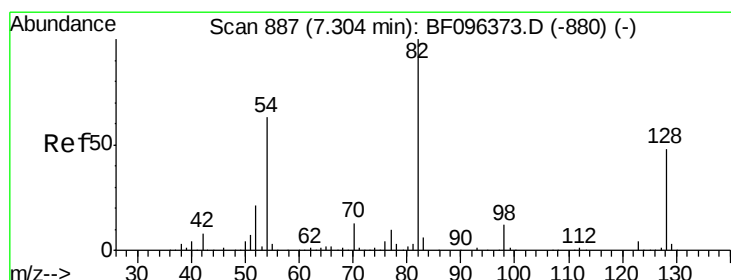
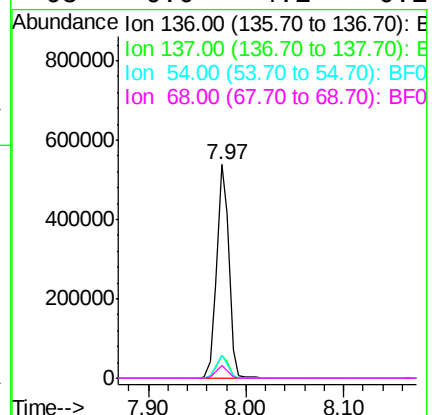
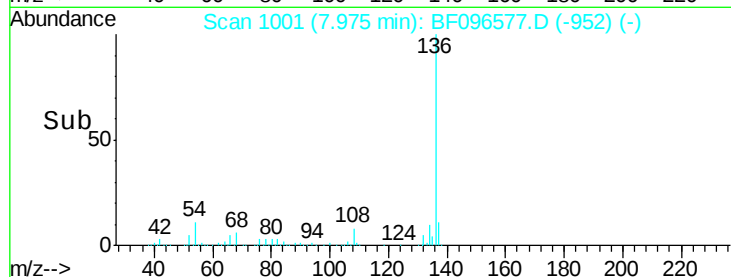
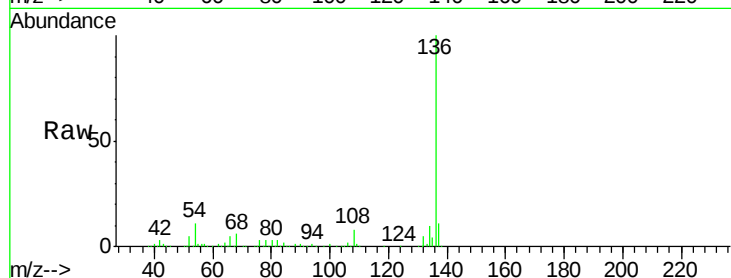
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 10.6 4.9 7.3#

68 6.0 4.1 6.1



#23

Nitrobenzene-d5

Concen: 70.017 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF096577.D

Acq: 7 Jul 2017 23:40

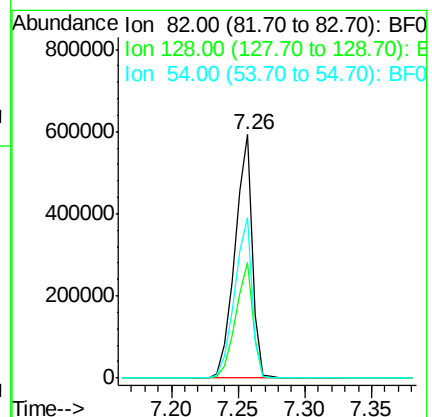
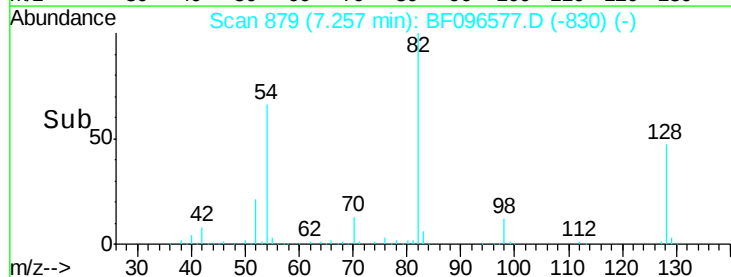
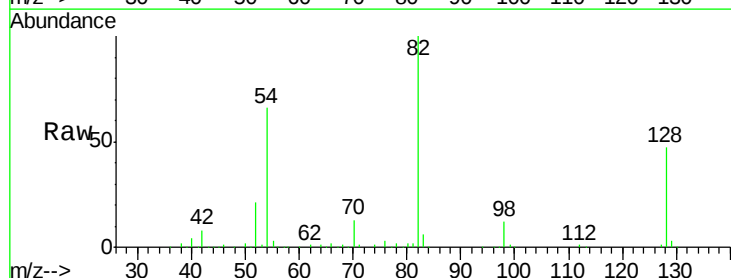
Tgt Ion: 82 Resp: 545481

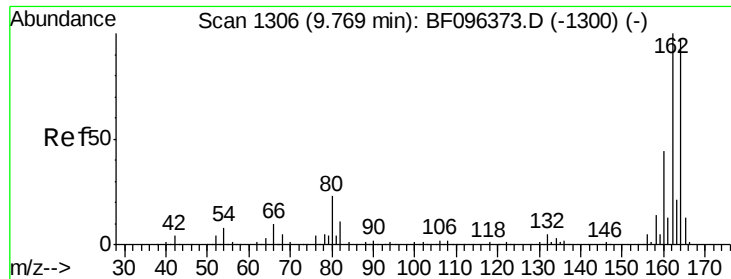
Ion Ratio Lower Upper

82 100

128 47.3 34.0 51.0

54 66.0 42.2 63.2#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF096577.D

Acq: 7 Jul 2017 23:40

Instrument :

BNA_F

ClientSampleId :

AU-05-070517-D

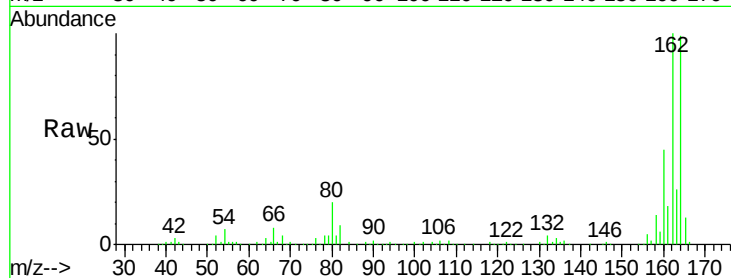
Tgt Ion:164 Resp: 198899

Ion Ratio Lower Upper

164 100

162 100.8 82.6 123.8

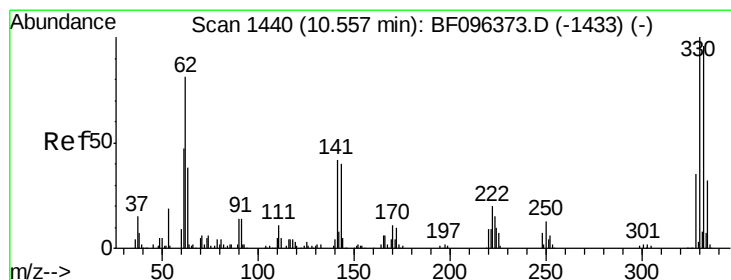
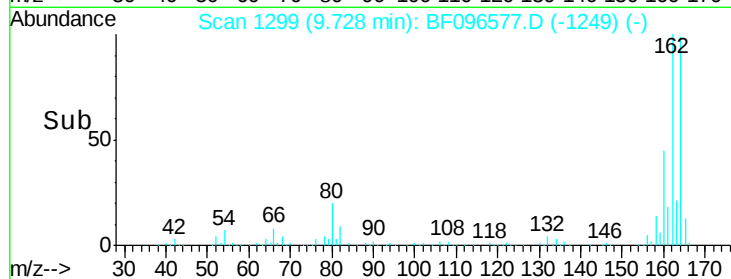
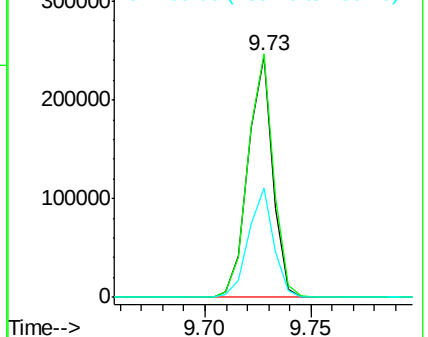
160 45.3 36.2 54.2



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: 105.350 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF096577.D

Acq: 7 Jul 2017 23:40

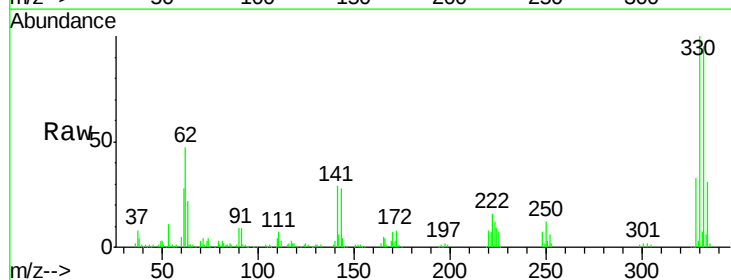
Tgt Ion:330 Resp: 163676

Ion Ratio Lower Upper

330 100

332 94.6 76.6 115.0

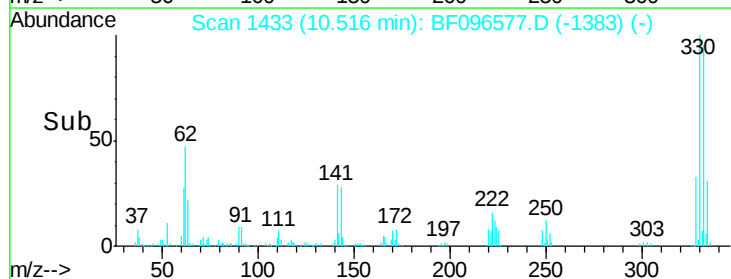
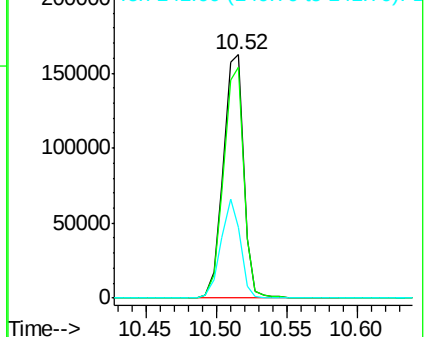
141 38.6 31.4 47.2

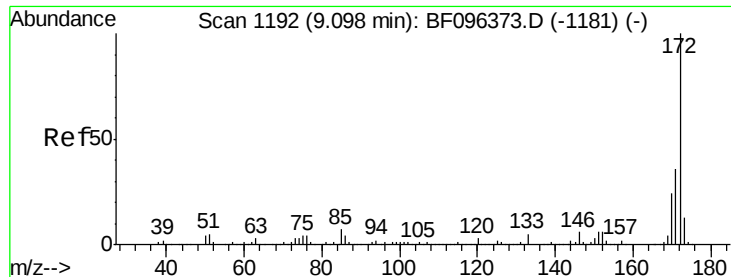


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

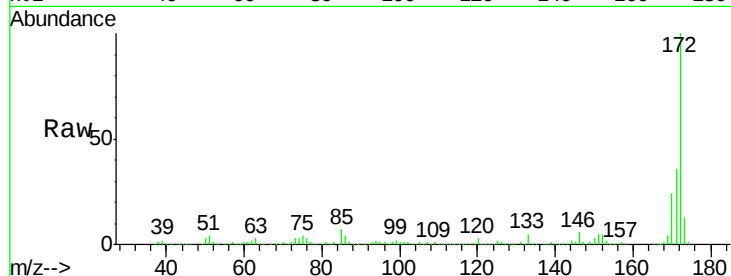




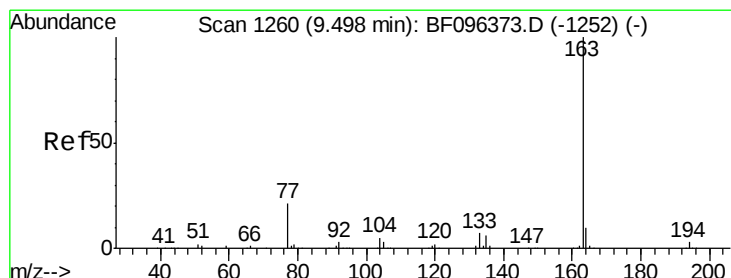
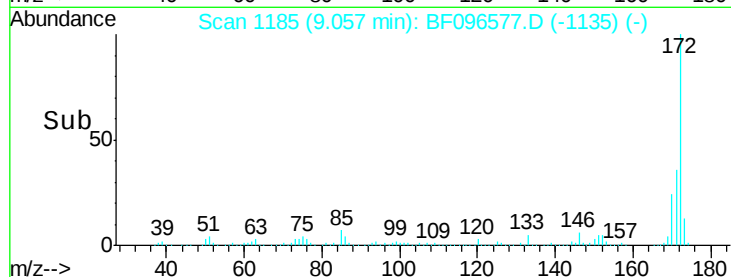
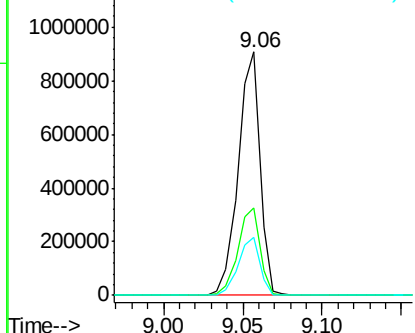
#44
 2-Fluorobiphenyl
 Concen: 74.357 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF096577.D
 Acq: 7 Jul 2017 23:40

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-070517-D

Tgt Ion:172 Resp: 864997
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 23.8 19.8 29.8

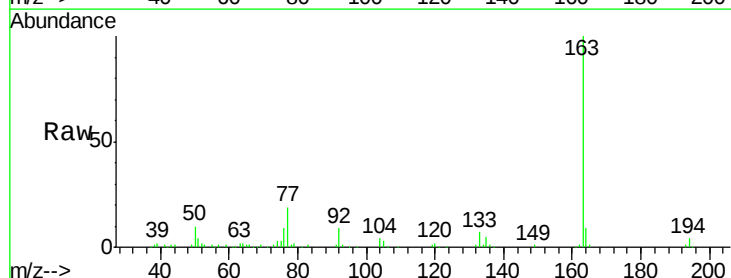


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

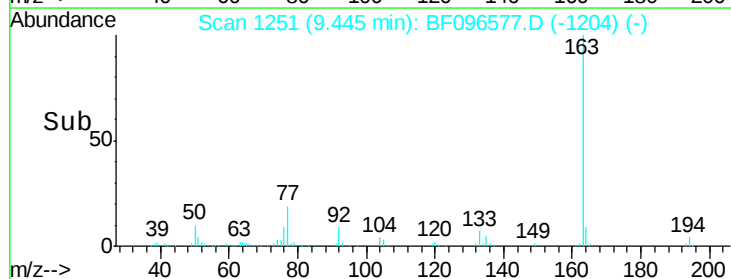
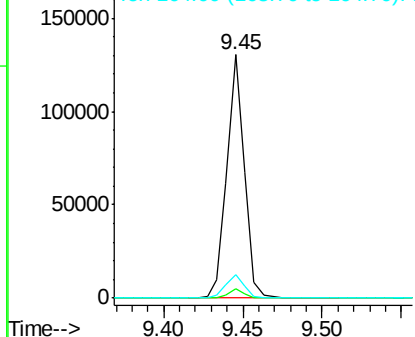


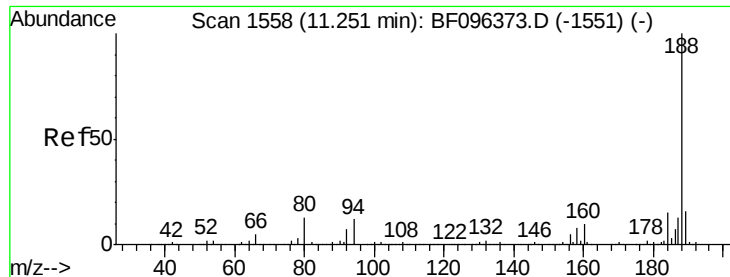
#49
 Dimethylphthalate
 Concen: 6.694 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.02 min
 Lab File: BF096577.D
 Acq: 7 Jul 2017 23:40

Tgt Ion:163 Resp: 99389
 Ion Ratio Lower Upper
 163 100
 194 3.6 2.6 4.0
 164 9.4 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

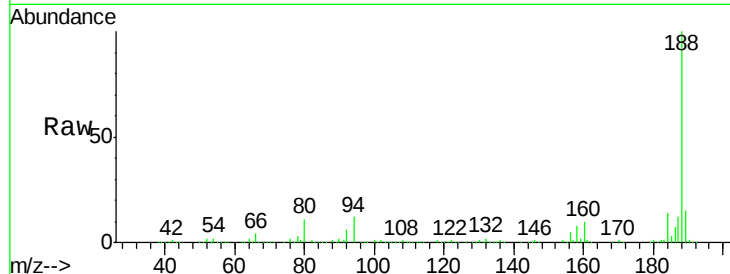




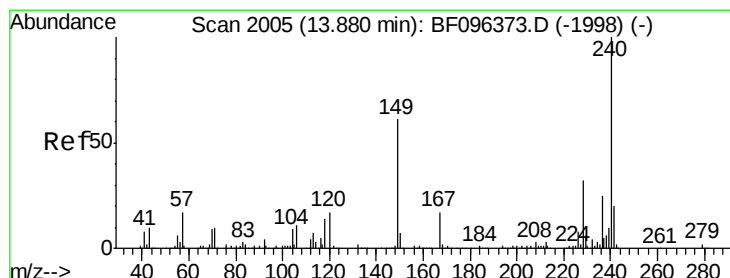
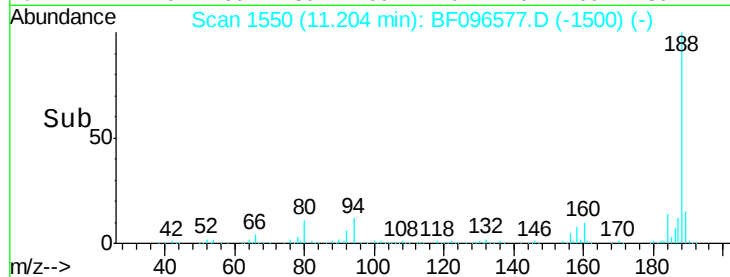
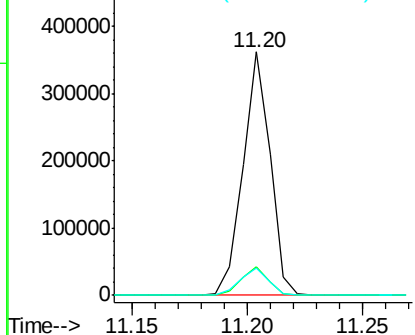
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF096577.D
Acq: 7 Jul 2017 23:40

Instrument :
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AU-05-070517-D

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.8	9.4	14.2
80	11.4	10.2	15.2

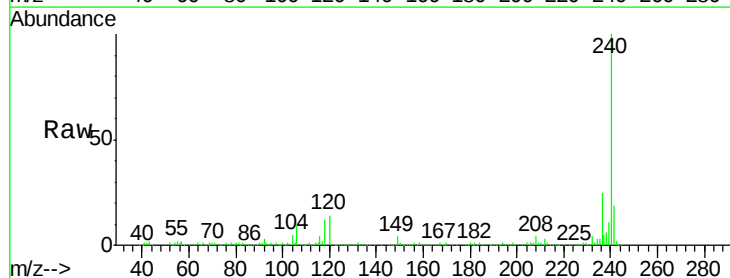


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

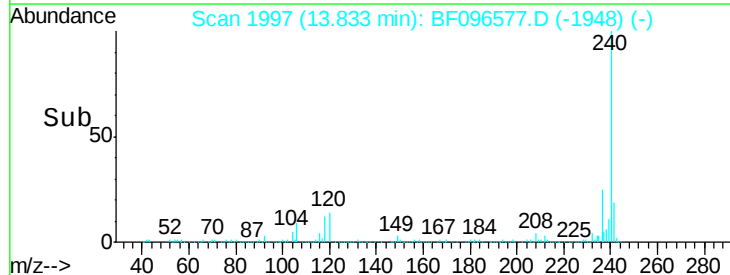
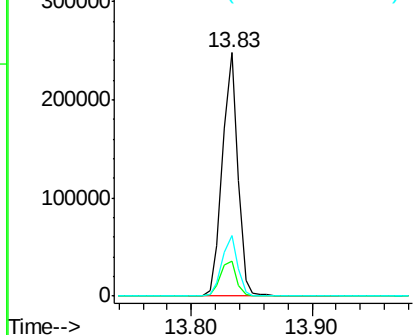


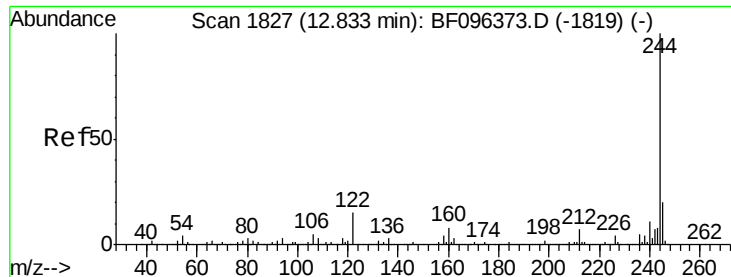
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF096577.D
Acq: 7 Jul 2017 23:40

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.2	5.8	8.8#
236	25.1	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: 55.110 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF096577.D

Acq: 7 Jul 2017 23:40

Instrument :

BNA_F

ClientSampleId :

AU-05-070517-D

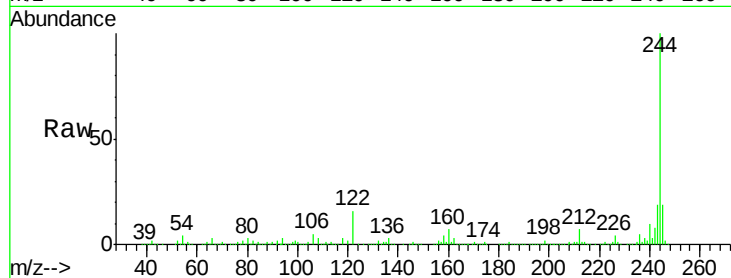
Tgt Ion:244 Resp: 564665

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

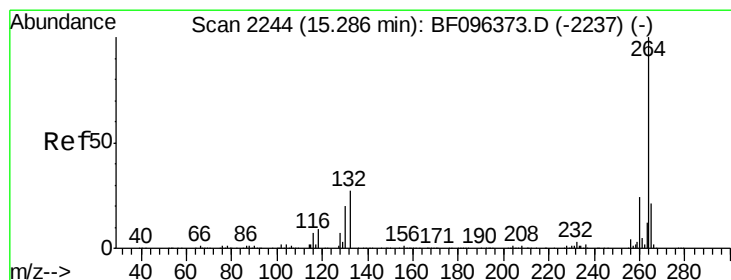
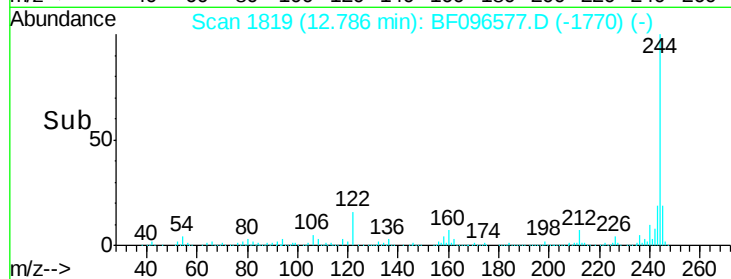
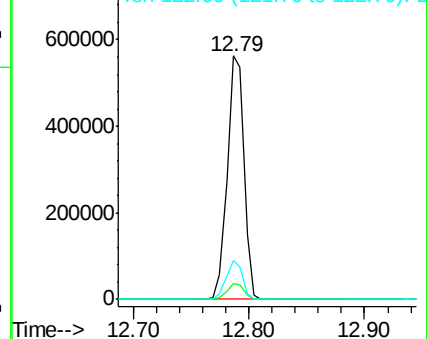
122 16.1 10.3 15.5#



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: 15.23 min Scan# 2235

Delta R.T. -0.01 min

Lab File: BF096577.D

Acq: 7 Jul 2017 23:40

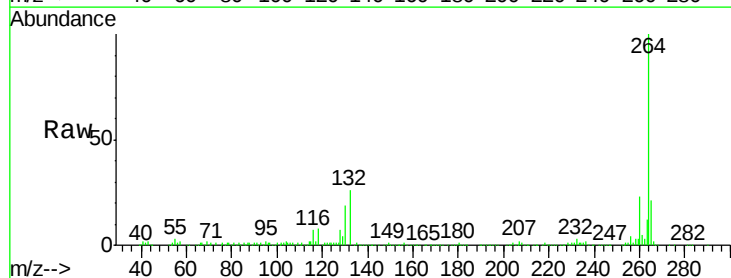
Tgt Ion:264 Resp: 217637

Ion Ratio Lower Upper

264 100

260 23.0 19.5 29.3

265 20.9 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

