

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071217\
 Data File : BF096694.D
 Acq On : 12 Jul 2017 16:23
 Operator : SJ/JU
 Sample : I4126-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PP-NW-2

Quant Time: Jul 12 17:19:02 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

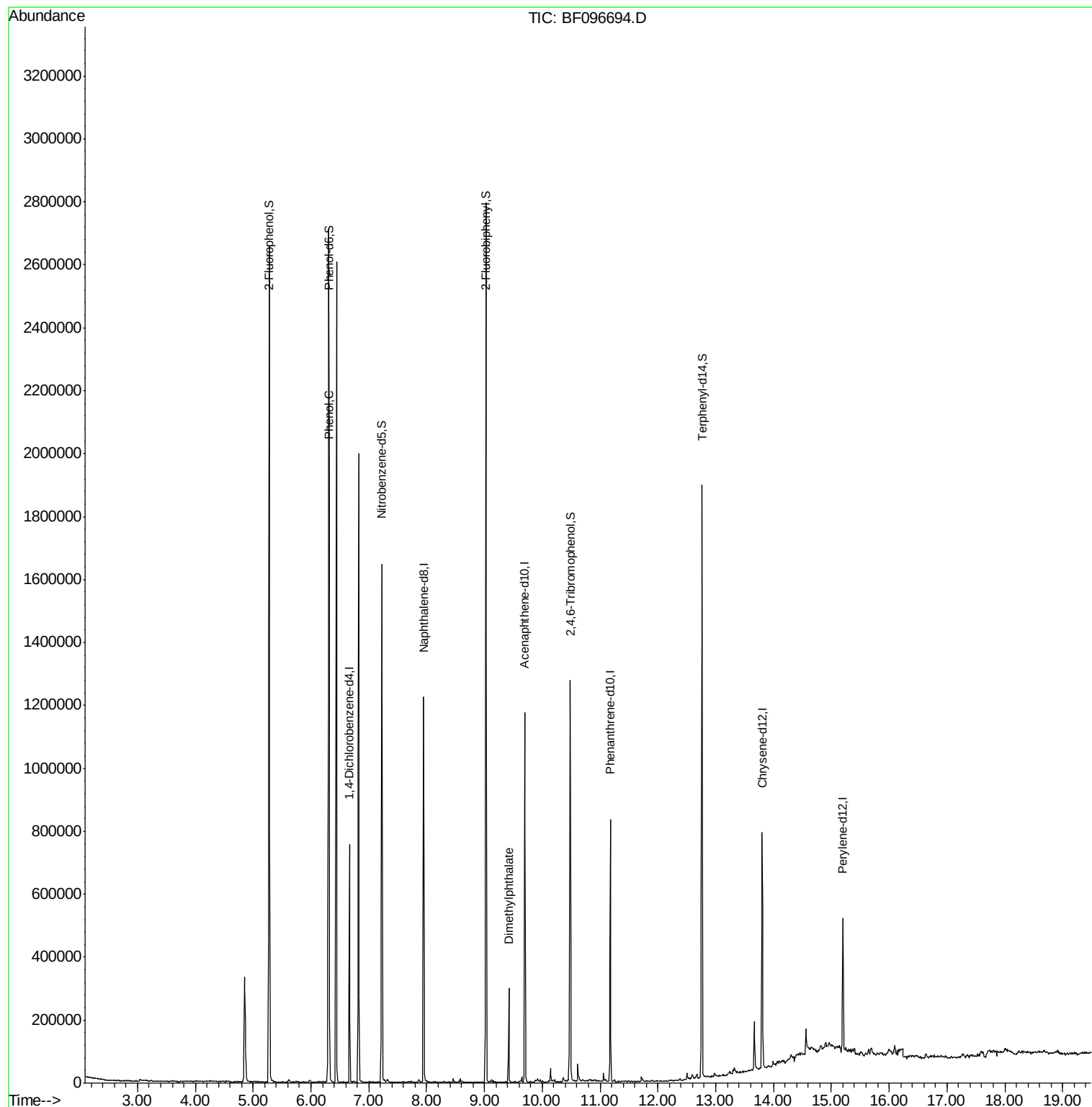
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	117800	20.00	ng	-0.03
21) Naphthalene-d8	7.95	136	563522	20.00	ng	-0.04
38) Acenaphthene-d10	9.70	164	222027	20.00	ng	-0.04
63) Phenanthrene-d10	11.17	188	289295	20.00	ng	-0.04
75) Chrysene-d12	13.80	240	238318	20.00	ng	-0.04
86) Perylene-d12	15.20	264	179262	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	773913	96.97	ng	-0.03
7) Phenol-d6	6.31	99	1023024	104.26	ng	-0.04
23) Nitrobenzene-d5	7.23	82	533422	56.88	ng	-0.04
41) 2,4,6-Tribromophenol	10.49	330	143692	82.85	ng	-0.04
44) 2-Fluorobiphenyl	9.03	172	856374	65.95	ng	-0.04
78) Terphenyl-d14	12.76	244	560283	50.24	ng	-0.04
Target Compounds						
10) Phenol	6.32	94	23177	2.073	ng	93
49) Dimethylphthalate	9.42	163	124471	7.510	ng	98

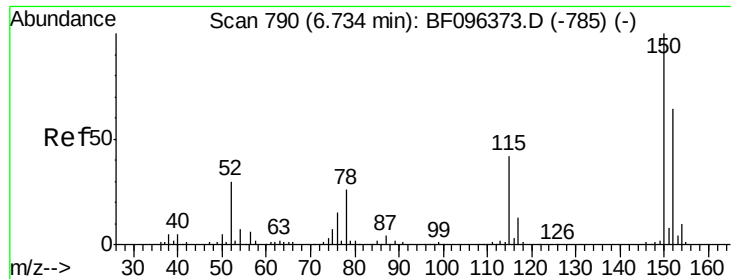
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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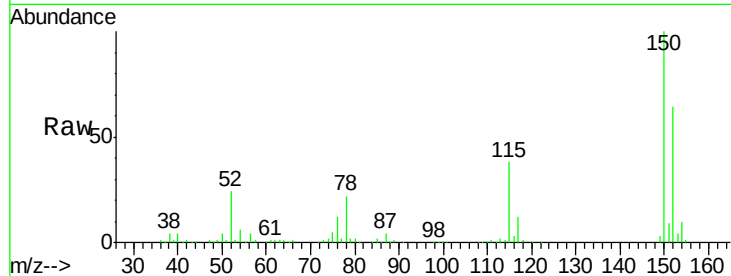


#1

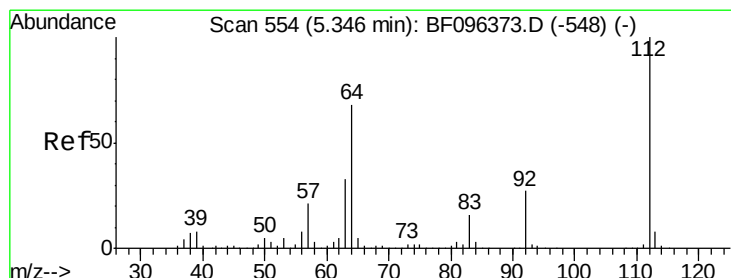
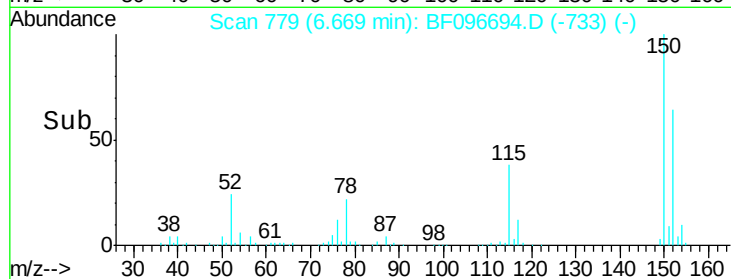
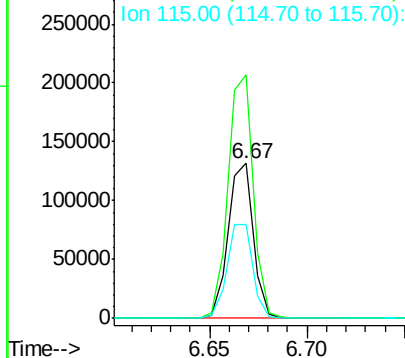
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.67 min Scan# 779
 Delta R.T. -0.03 min
 Lab File: BF096694.D
 Acq: 12 Jul 2017 16:23

Instrument :
 BNA_F
 ClientSampleId :
 PP-NW-2

Tgt Ion:152 Resp: 117800
 Ion Ratio Lower Upper
 152 100
 150 156.9 126.2 189.2
 115 60.3 52.2 78.2



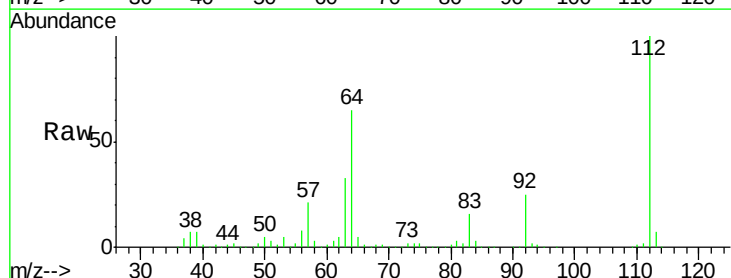
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



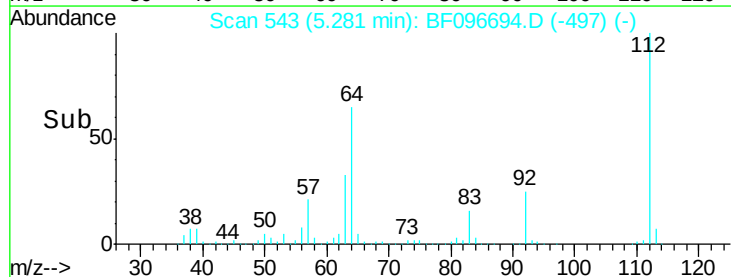
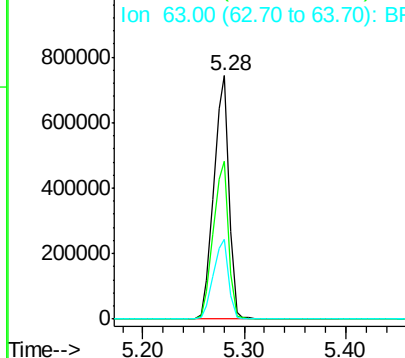
#5

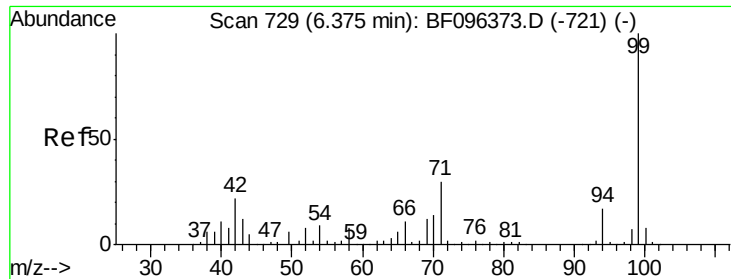
2-Fluorophenol
 Concen: 96.967 ng
 RT: 5.28 min Scan# 543
 Delta R.T. -0.03 min
 Lab File: BF096694.D
 Acq: 12 Jul 2017 16:23

Tgt Ion:112 Resp: 773913
 Ion Ratio Lower Upper
 112 100
 64 65.0 46.0 69.0
 63 32.8 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: 104.264 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.04 min

Lab File: BF096694.D

Acq: 12 Jul 2017 16:23

Instrument :

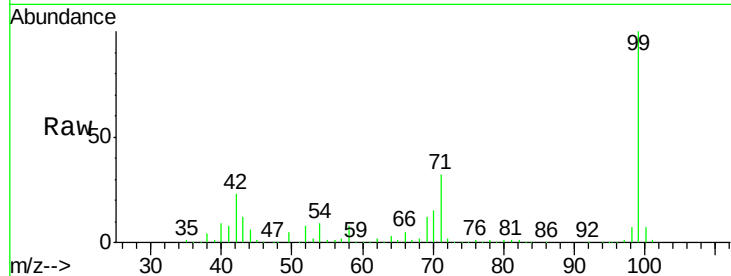
BNA_F

ClientSampleId :

PP-NW-2

Tgt Ion: 99 Resp: 1023024

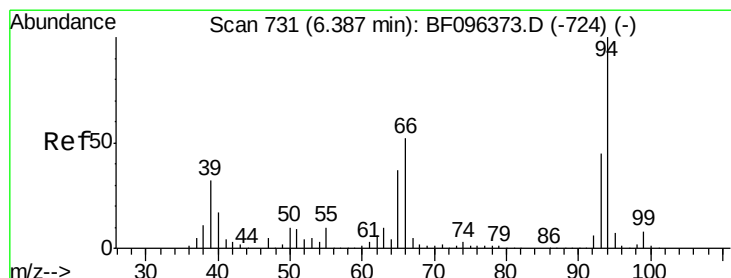
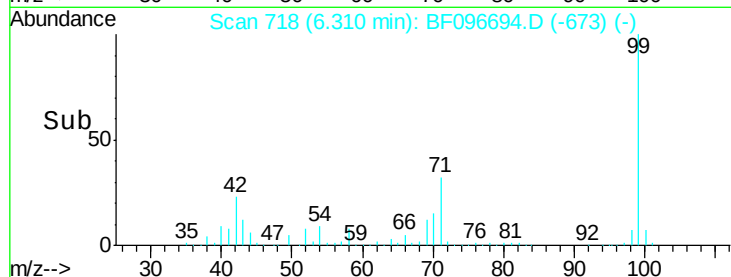
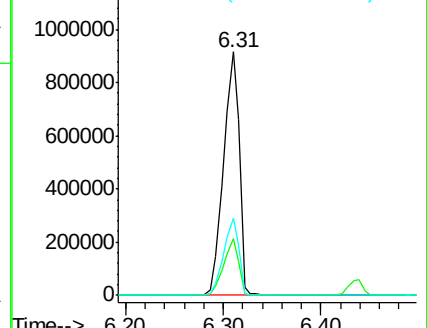
Ion	Ratio	Lower	Upper
99	100		
42	23.3	13.5	20.3#
71	31.7	24.5	36.7



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: 2.073 ng

RT: 6.32 min Scan# 720

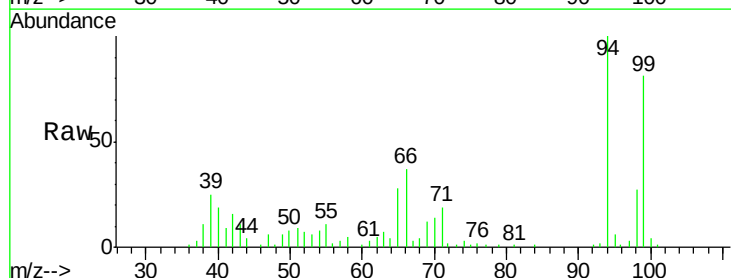
Delta R.T. -0.04 min

Lab File: BF096694.D

Acq: 12 Jul 2017 16:23

Tgt Ion: 94 Resp: 23177

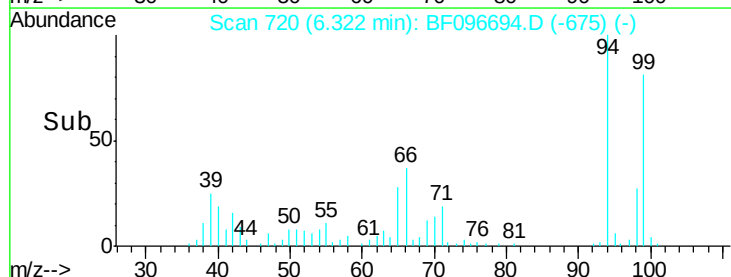
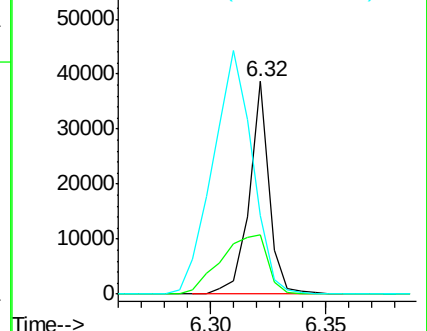
Ion	Ratio	Lower	Upper
94	100		
65	27.6	9.9	49.9
66	37.0	23.1	63.1

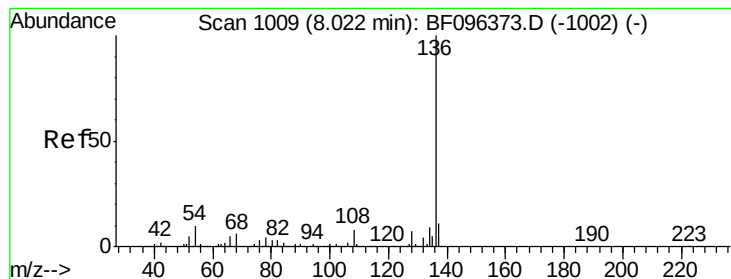


Abundance Ion 94.00 (93.70 to 94.70): BF0

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# 997

Delta R.T. -0.04 min

Lab File: BF096694.D

Acq: 12 Jul 2017 16:23

Instrument :

BNA_F

ClientSampleId :

PP-NW-2

Tgt Ion: 136 Resp: 563522

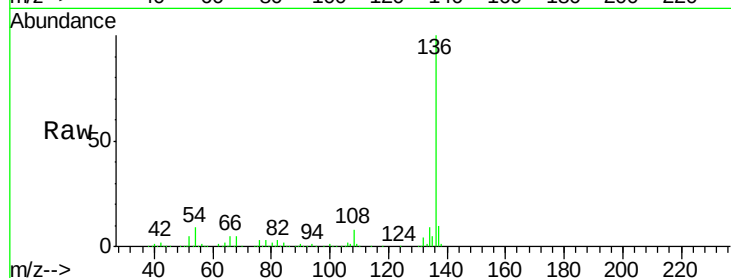
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 9.4 4.9 7.3#

68 5.5 4.1 6.1

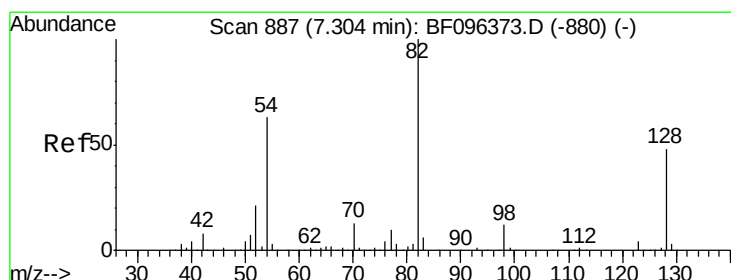
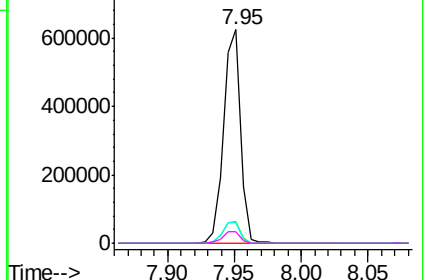
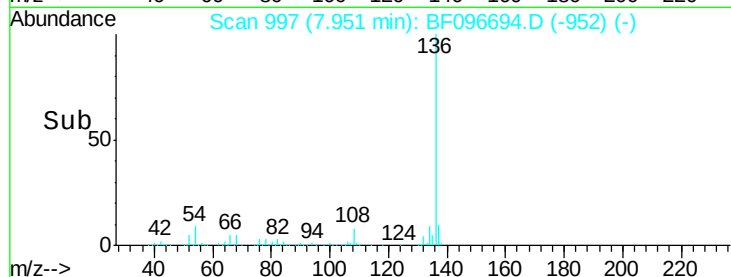


Abundance Ion 136.00 (135.70 to 136.70): E

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: 56.881 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.04 min

Lab File: BF096694.D

Acq: 12 Jul 2017 16:23

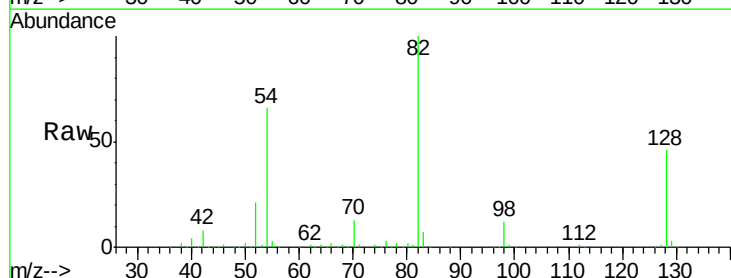
Tgt Ion: 82 Resp: 533422

Ion Ratio Lower Upper

82 100

128 46.2 34.0 51.0

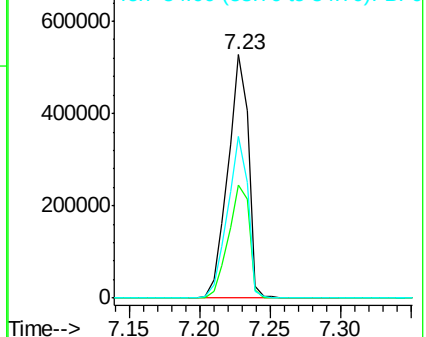
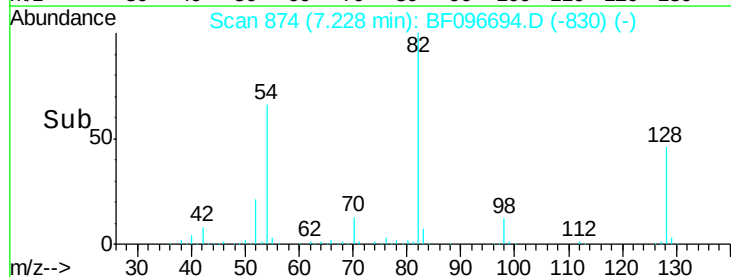
54 66.2 42.2 63.2#

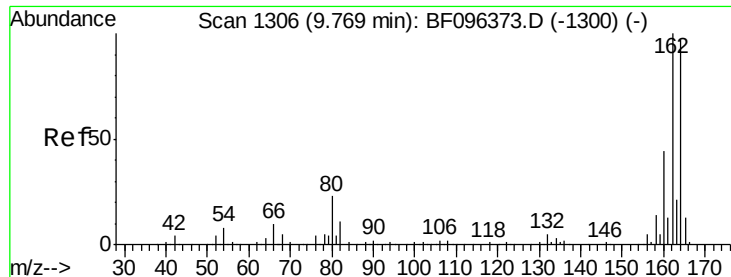


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.70 min Scan# 1294

Delta R.T. -0.04 min

Lab File: BF096694.D

Acq: 12 Jul 2017 16:23

Instrument :

BNA_F

ClientSampleId :

PP-NW-2

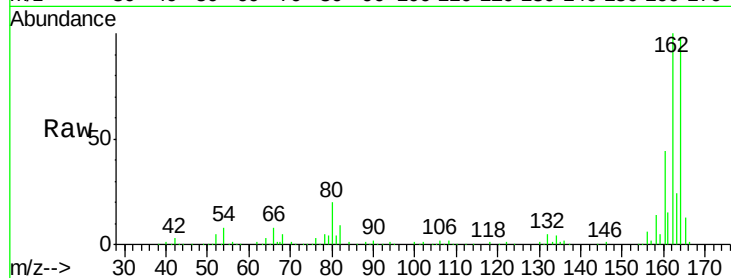
Tgt Ion:164 Resp: 222027

Ion Ratio Lower Upper

164 100

162 102.4 82.6 123.8

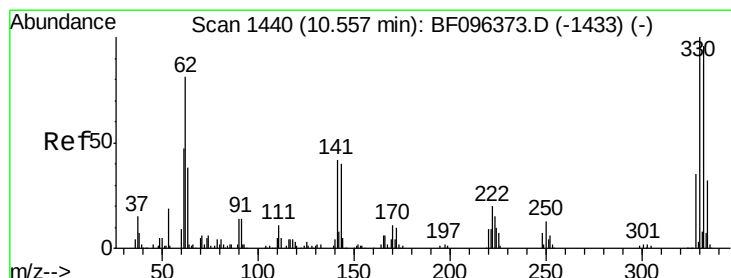
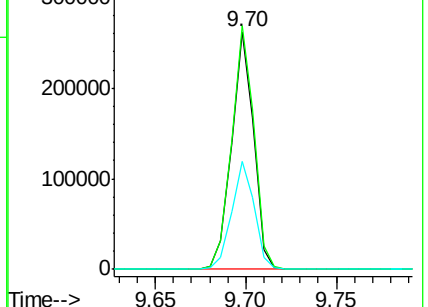
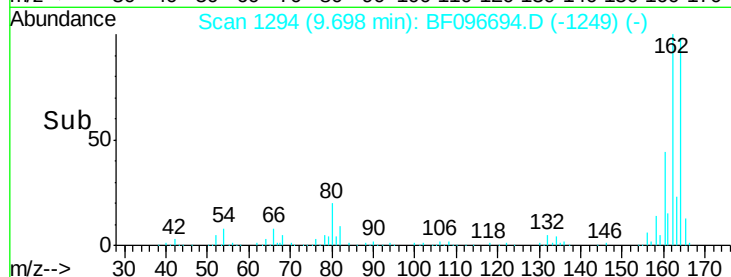
160 45.3 36.2 54.2



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: 82.853 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.04 min

Lab File: BF096694.D

Acq: 12 Jul 2017 16:23

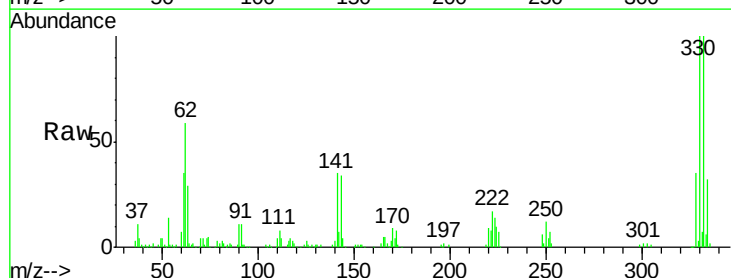
Tgt Ion:330 Resp: 143692

Ion Ratio Lower Upper

330 100

332 96.6 76.6 115.0

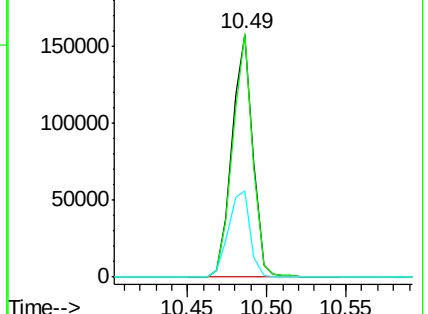
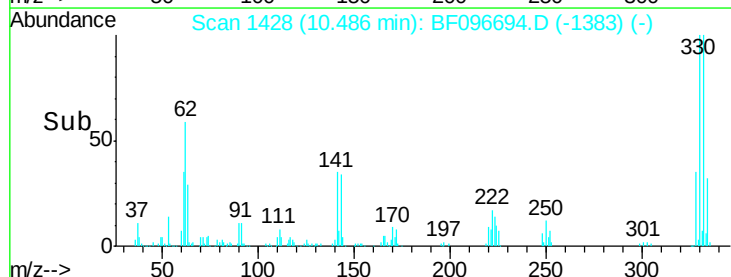
141 37.4 31.4 47.2

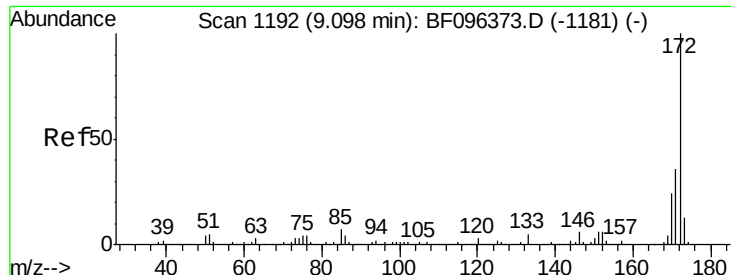


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

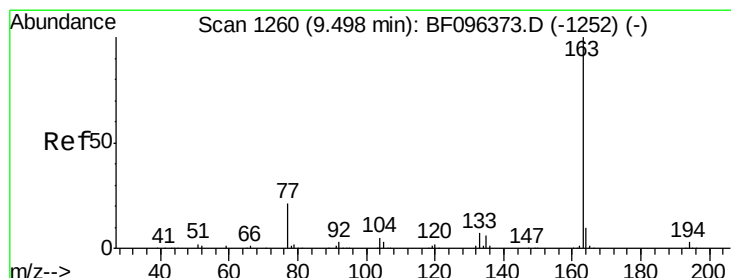
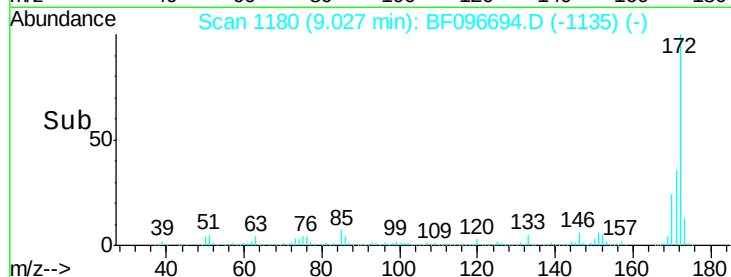
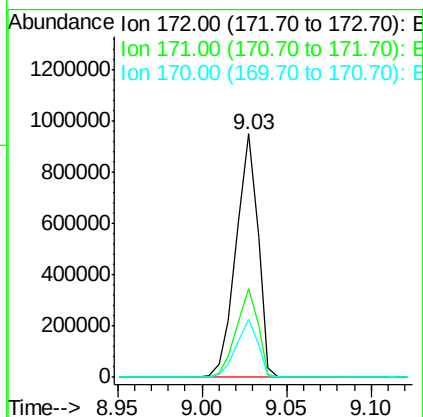
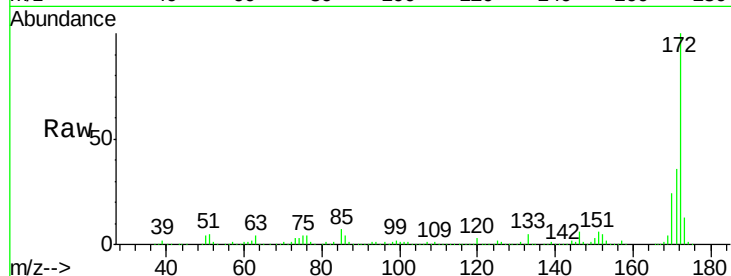




#44
 2-Fluorobiphenyl
 Concen: 65.947 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.04 min
 Lab File: BF096694.D
 Acq: 12 Jul 2017 16:23

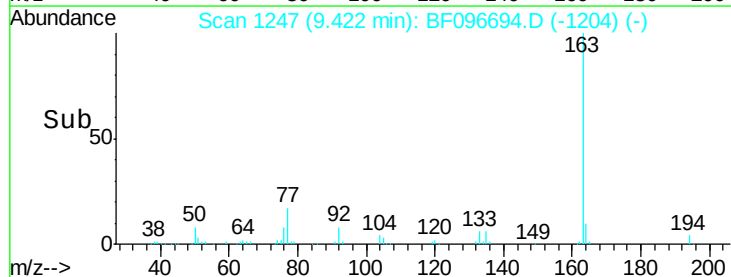
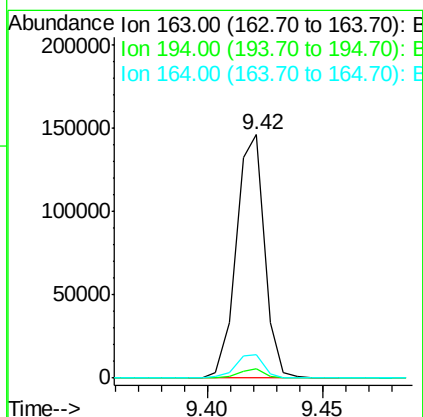
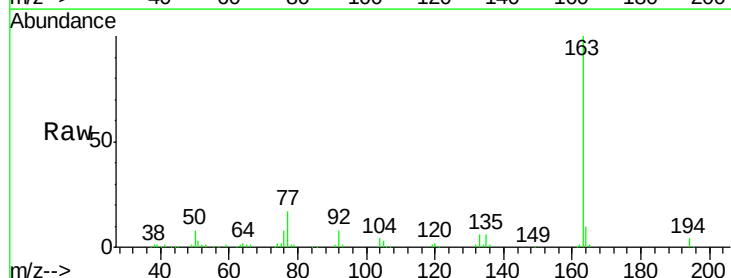
Instrument :
 BNA_F
 ClientSampleId :
 PP-NW-2

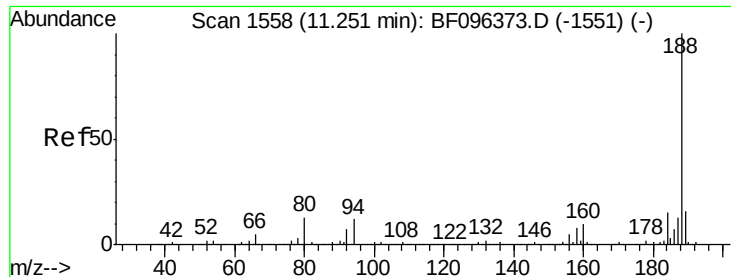
Tgt Ion:172 Resp: 856374
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 23.7 19.8 29.8



#49
 Dimethylphthalate
 Concen: 7.510 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.05 min
 Lab File: BF096694.D
 Acq: 12 Jul 2017 16:23

Tgt Ion:163 Resp: 124471
 Ion Ratio Lower Upper
 163 100
 194 3.6 2.6 4.0
 164 9.8 8.4 12.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.17 min Scan# 1545

Delta R.T. -0.04 min

Lab File: BF096694.D

Acq: 12 Jul 2017 16:23

Instrument :

BNA_F

ClientSampleId :

PP-NW-2

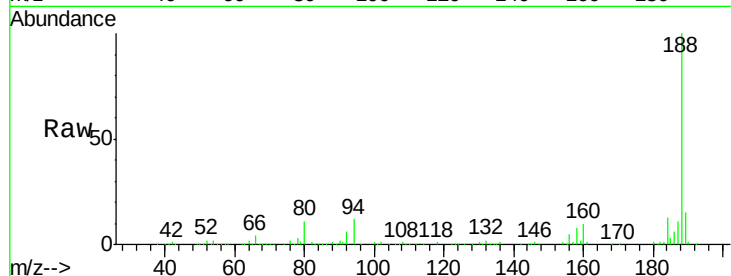
Tgt Ion:188 Resp: 289295

Ion Ratio Lower Upper

188 100

94 11.7 9.4 14.2

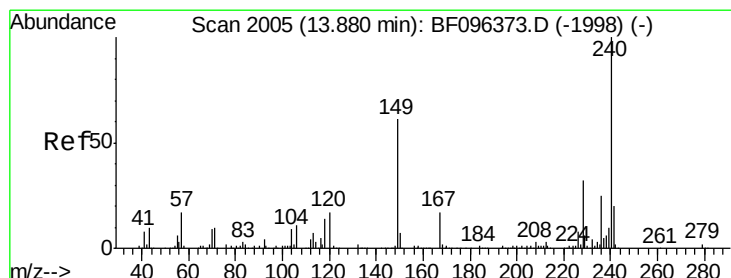
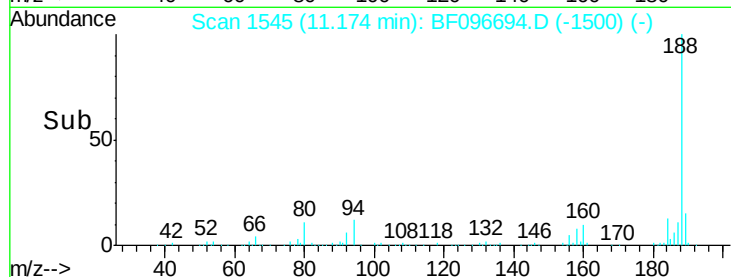
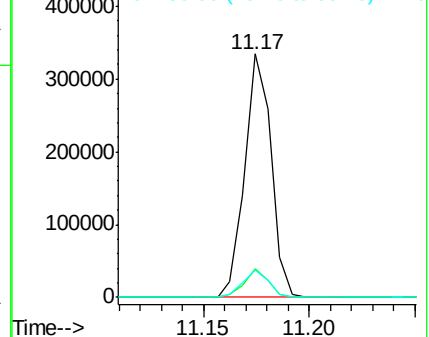
80 11.2 10.2 15.2



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. -0.04 min

Lab File: BF096694.D

Acq: 12 Jul 2017 16:23

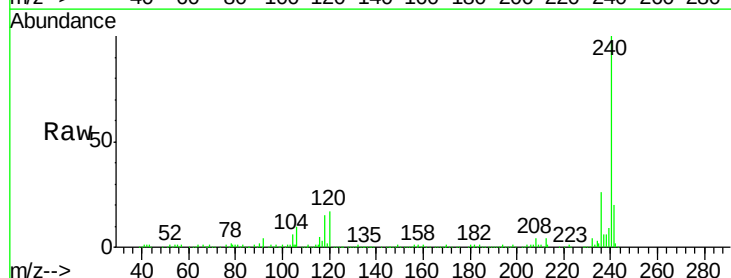
Tgt Ion:240 Resp: 238318

Ion Ratio Lower Upper

240 100

120 17.1 5.8 8.8#

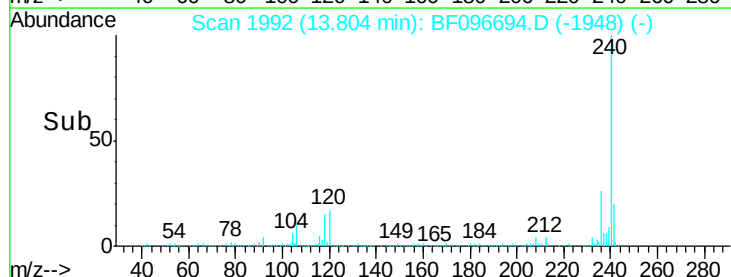
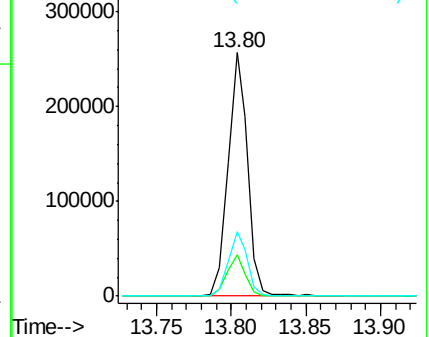
236 26.3 20.5 30.7

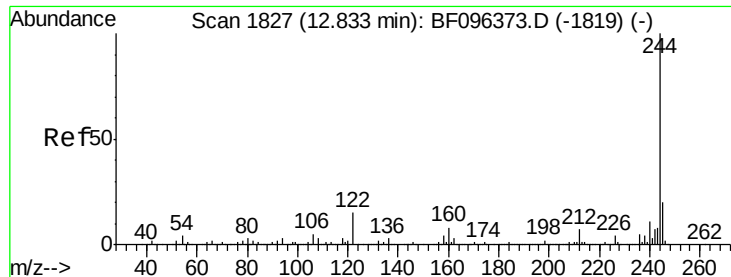


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 50.237 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.04 min

Lab File: BF096694.D

Acq: 12 Jul 2017 16:23

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PP-NW-2

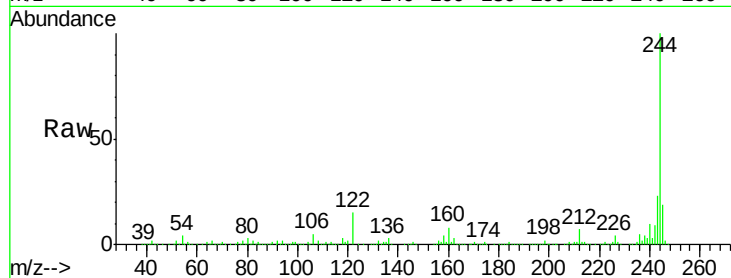
Tgt Ion:244 Resp: 560283

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

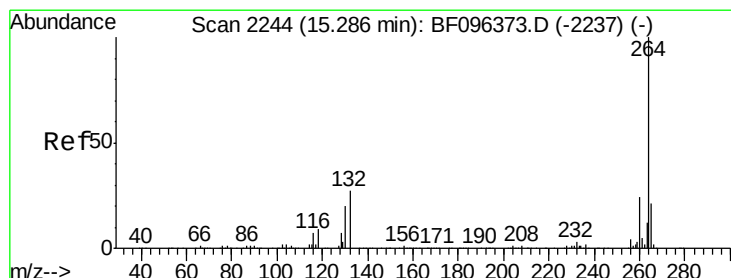
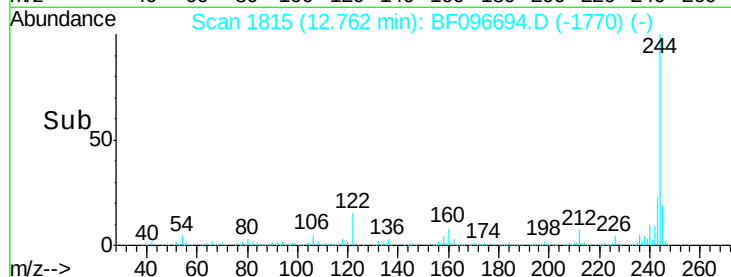
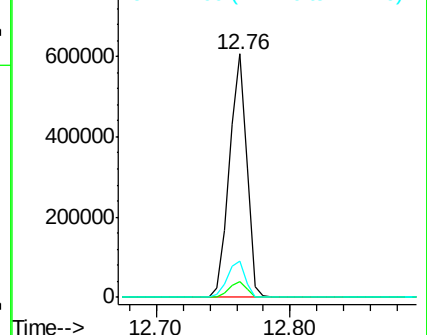
122 14.8 10.3 15.5



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# 2229

Delta R.T. -0.05 min

Lab File: BF096694.D

Acq: 12 Jul 2017 16:23

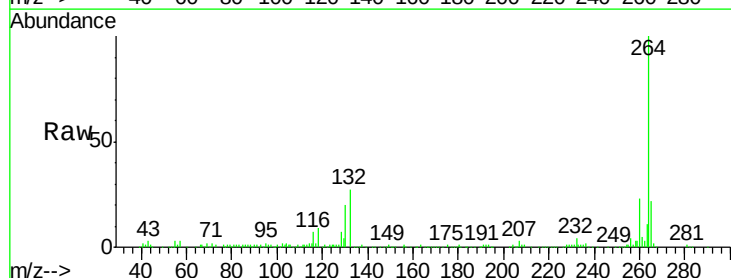
Tgt Ion:264 Resp: 179262

Ion Ratio Lower Upper

264 100

260 23.0 19.5 29.3

265 22.0 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

