

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
 Data File : BF096256.D
 Acq On : 28 Jun 2017 18:24
 Operator : SJ/MA
 Sample : I3852-09 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-27-0-1.5

Quant Time: Jun 29 04:38:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 15:41:49 2017
 Response via : Initial Calibration

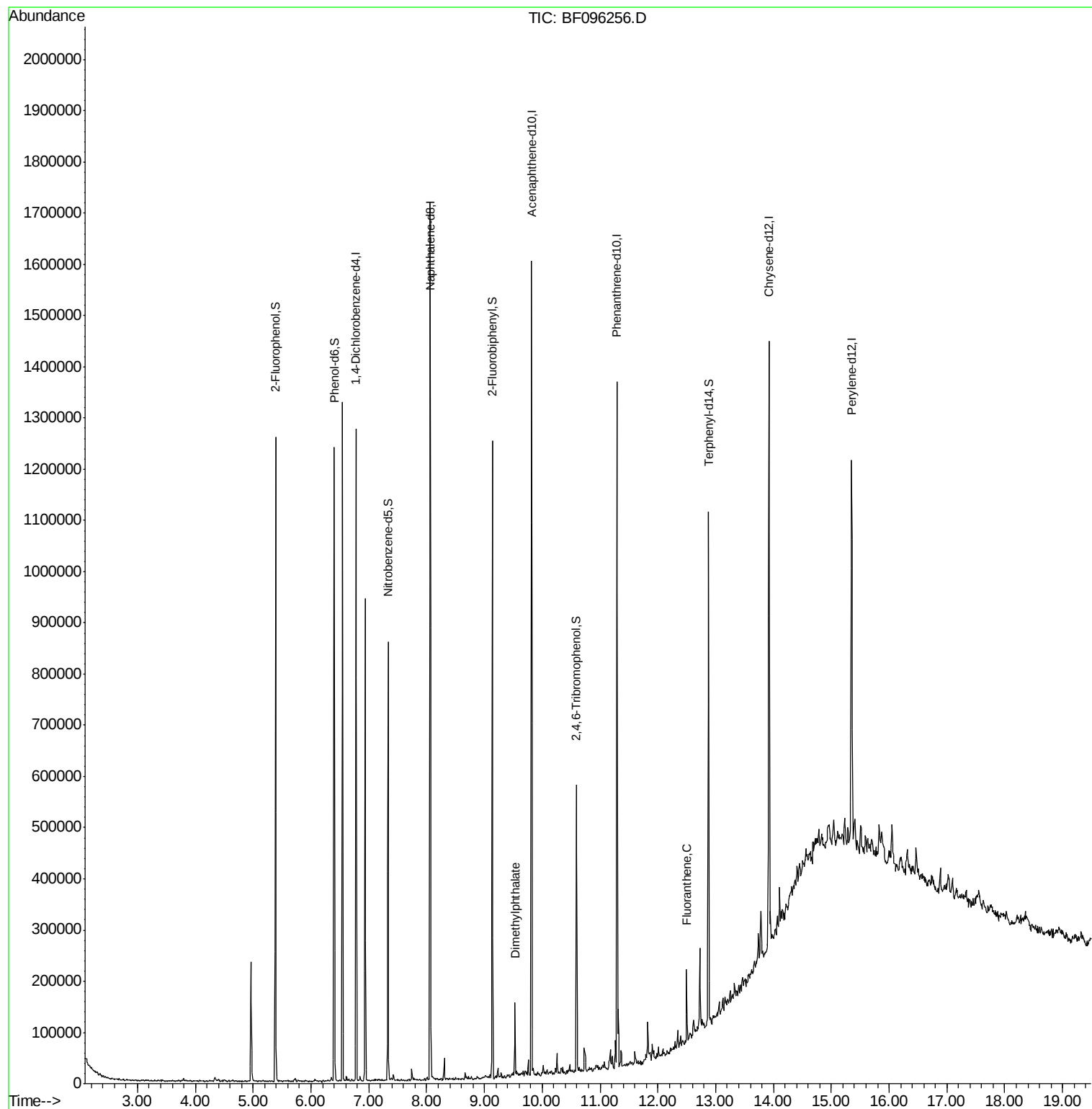
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	159292	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	674298	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	277113	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	435602	20.00	ng	0.00
75) Chrysene-d12	13.92	240	364591	20.00	ng	0.00
86) Perylene-d12	15.35	264	325720	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	303749	27.47	ng	0.00
7) Phenol-d6	6.40	99	395187	29.52	ng	0.01
23) Nitrobenzene-d5	7.33	82	205880	21.14	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	60033	27.53	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	369232	24.40	ng	-0.01
78) Terphenyl-d14	12.87	244	265253	18.15	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.53	163	47468	2.39	ng	98
74) Fluoranthene	12.50	202	51008	2.11	ng	93

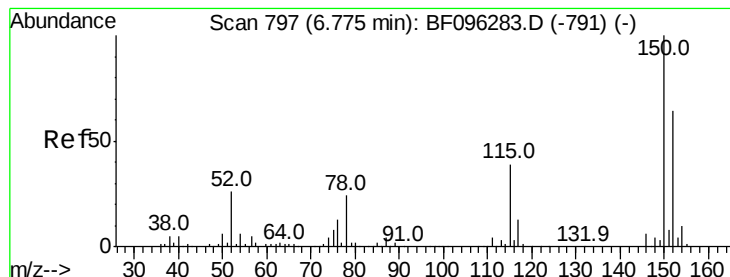
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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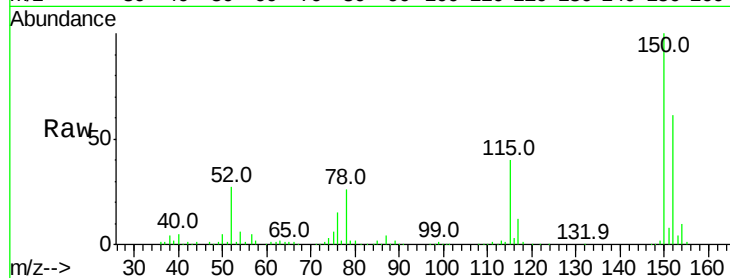


#1

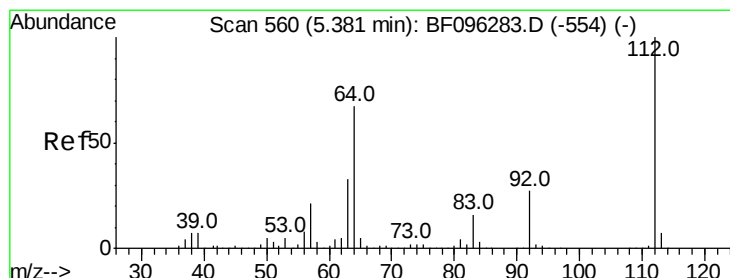
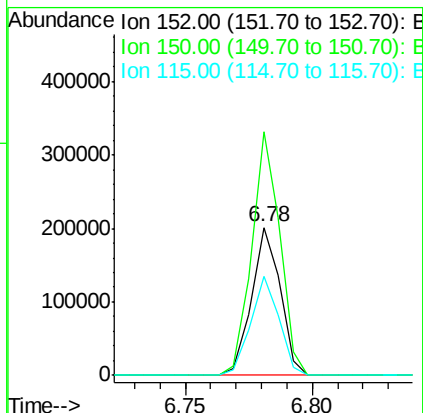
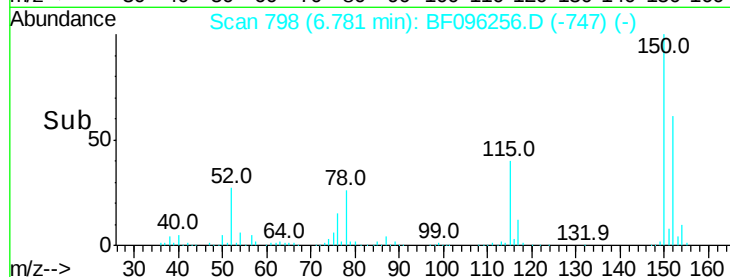
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF096256.D
Acq: 28 Jun 2017 18:24

Instrument :
BNA_F
ClientSampled :
G-27-0-1.5

Tot Ion:152 Resp: 159292
Ion Ratio Lower Upper
152 100
150 164.8 126.2 189.2
115 66.6 52.2 78.2



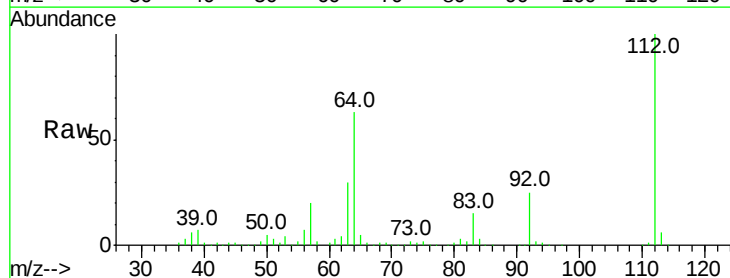
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



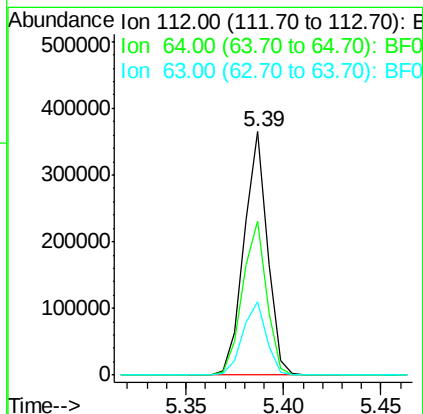
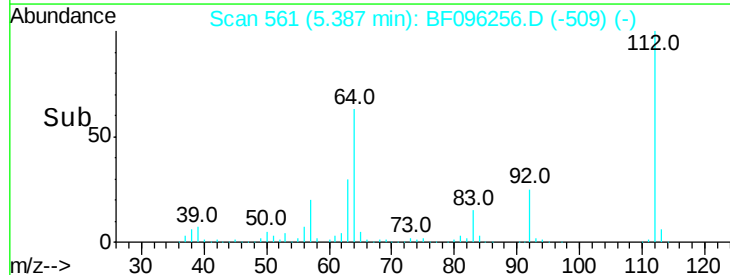
#5

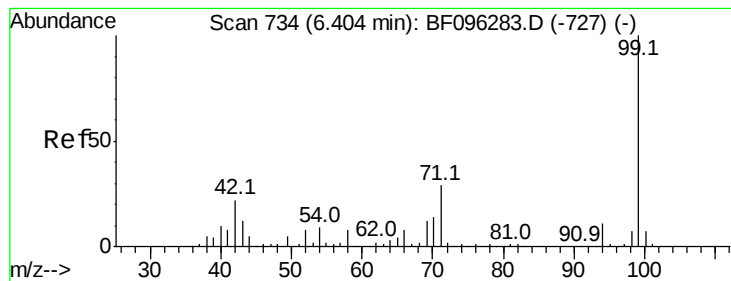
2-Fluorophenol
Concen: 27.47 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF096256.D
Acq: 28 Jun 2017 18:24

Tgt Ion:112 Resp: 303749
Ion Ratio Lower Upper
112 100
64 63.4 46.0 69.0
63 30.3 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: 29.52 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF096256.D

Acq: 28 Jun 2017 18:24

Instrument :

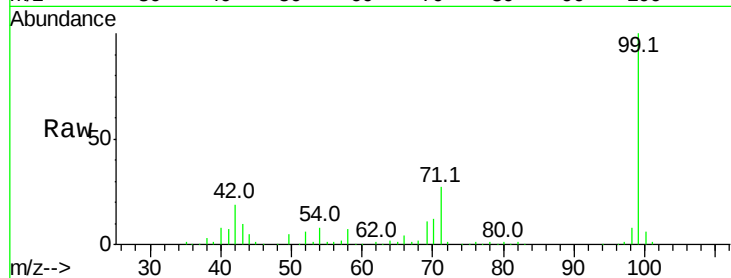
BNA_F

ClientSampleId :

G-27-0-1.5

Tot Ion: 99 Resp: 395187

Ion	Ratio	Lower	Upper
99	100		
42	19.2	13.5	20.3
71	26.9	24.5	36.7

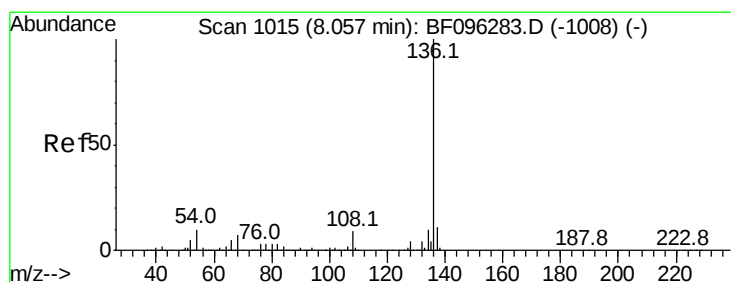
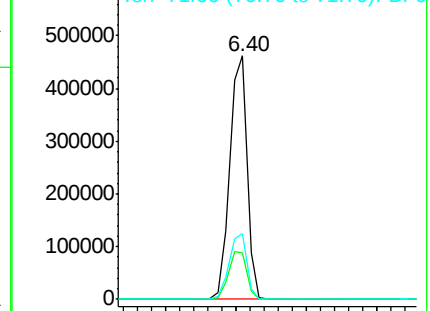
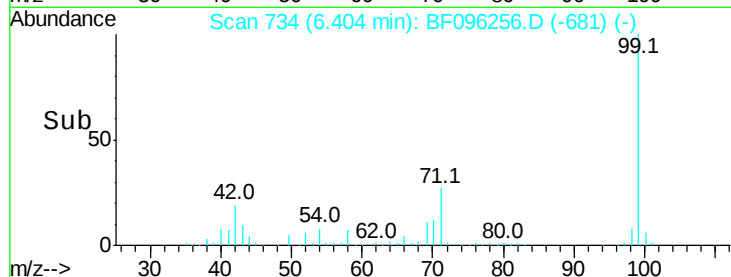


Abundance

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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 1016

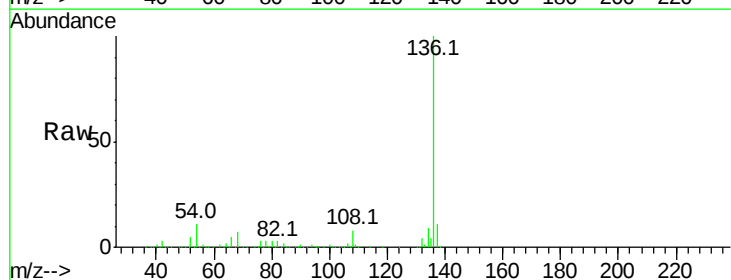
Delta R.T. 0.01 min

Lab File: BF096256.D

Acq: 28 Jun 2017 18:24

Tgt Ion: 136 Resp: 674298

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	10.9	4.9	7.3#
68	7.1	4.1	6.1#



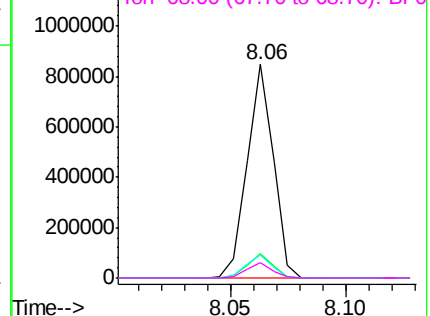
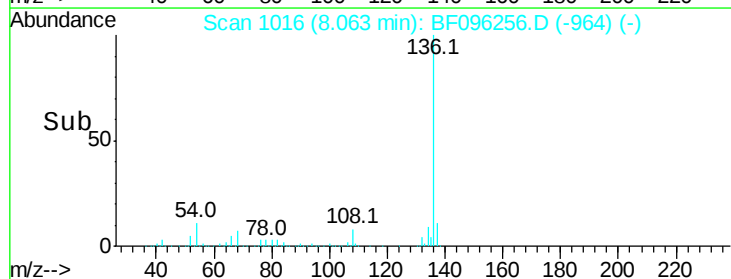
Abundance

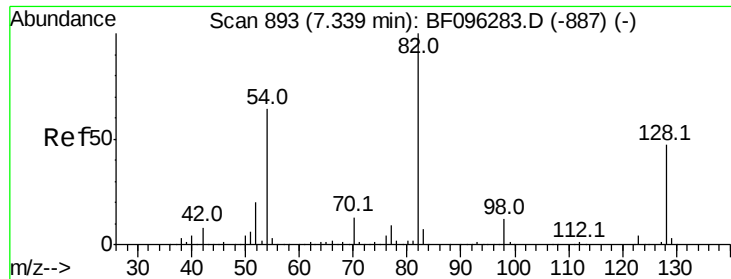
Ion 136.00 (135.70 to 136.70): E

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: 21.14 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.02 min

Lab File: BF096256.D

Acq: 28 Jun 2017 18:24

Instrument :

BNA_F

ClientSampleId :

G-27-0-1.5

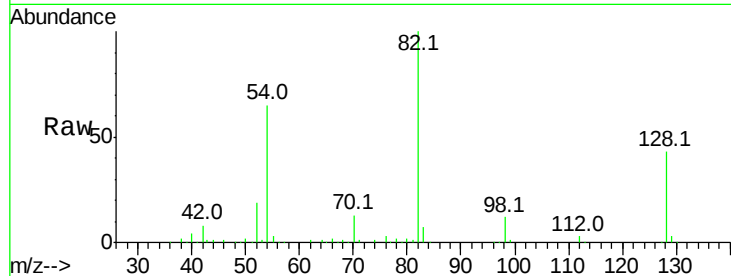
Tot Ion: 82 Resp: 205880

Ion Ratio Lower Upper

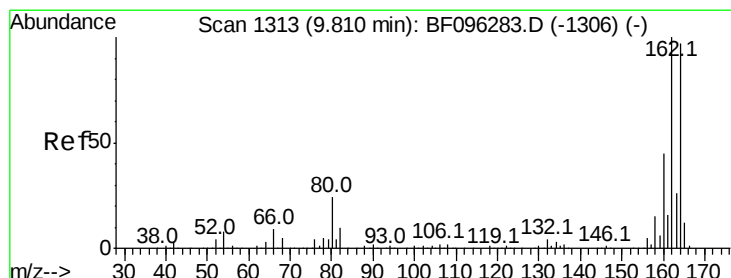
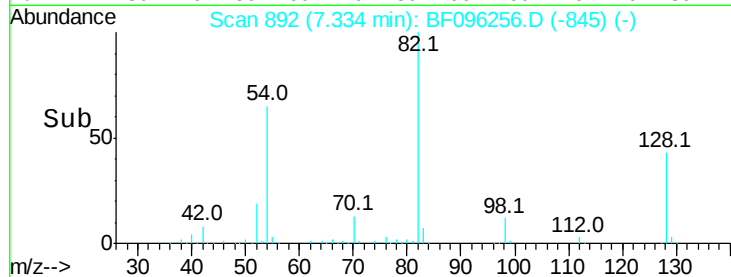
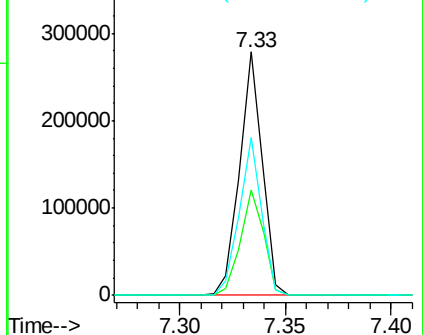
82 100

128 43.2 34.0 51.0

54 65.1 42.2 63.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 1314

Delta R.T. 0.01 min

Lab File: BF096256.D

Acq: 28 Jun 2017 18:24

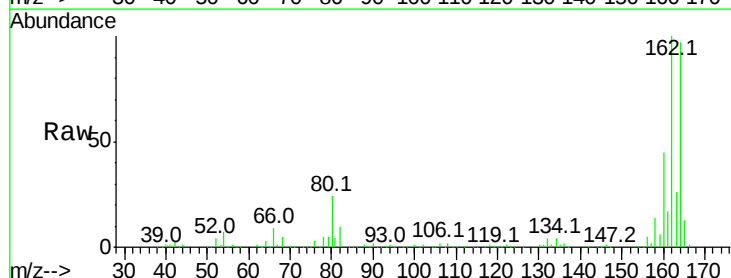
Tgt Ion:164 Resp: 277113

Ion Ratio Lower Upper

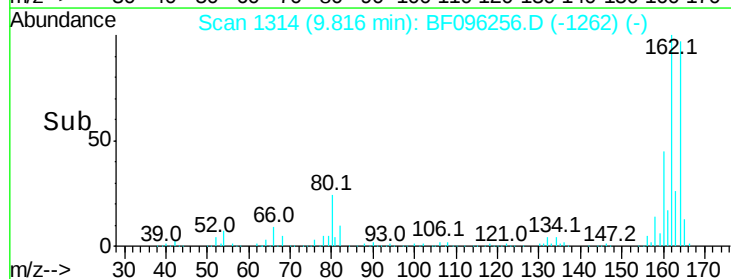
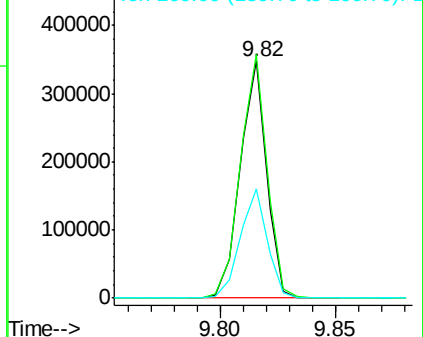
164 100

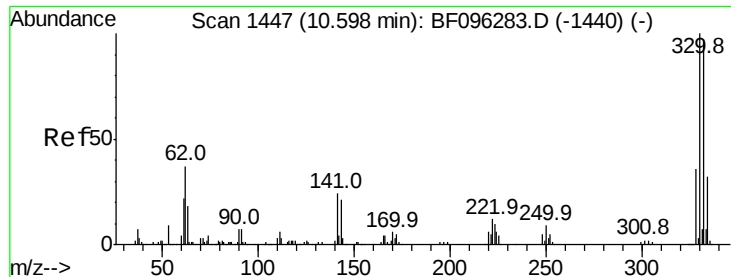
162 102.9 82.6 123.8

160 46.3 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

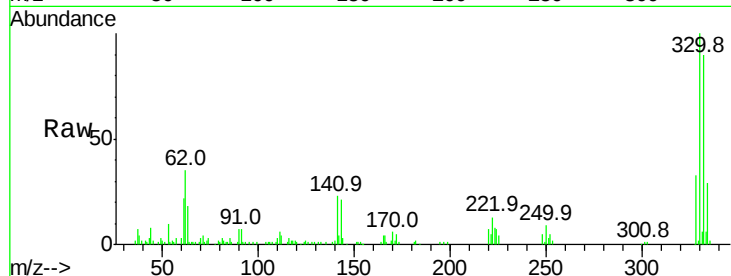




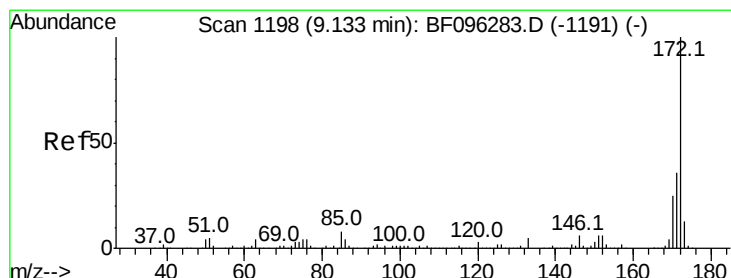
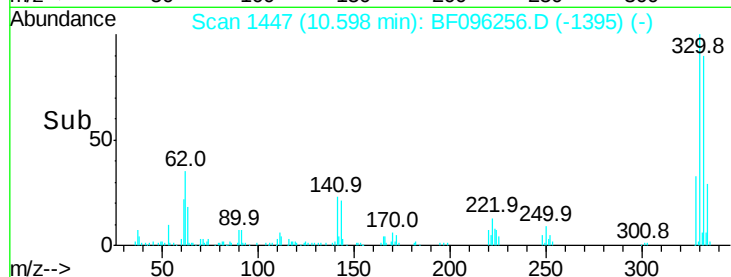
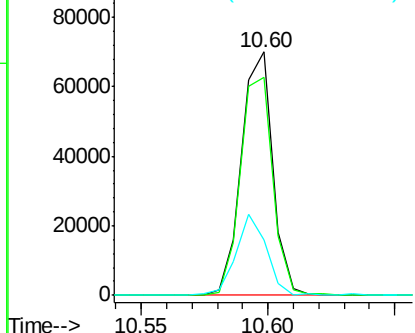
#41
 2,4,6-Tribromophenol
 Concen: 27.53 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. 0.01 min
 Lab File: BF096256.D
 Acq: 28 Jun 2017 18:24

Instrument :
 BNA_F
 ClientSampleId :
 G-27-0-1.5

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.5	76.6	115.0
141	32.4	31.4	47.2

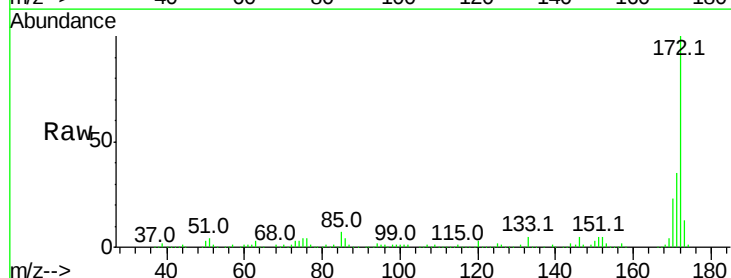


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

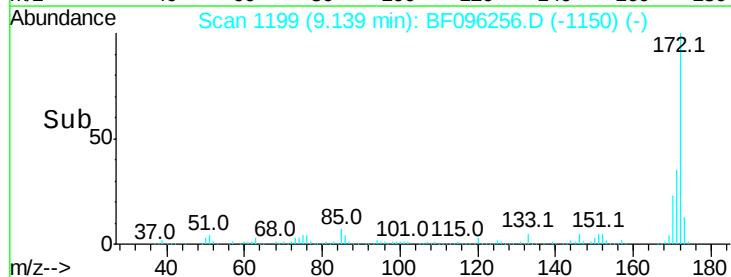
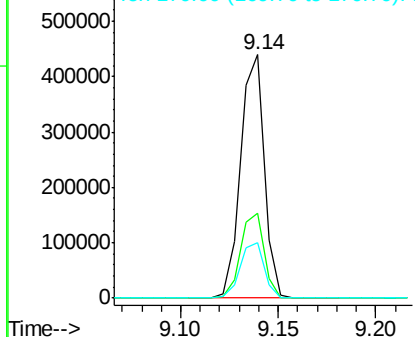


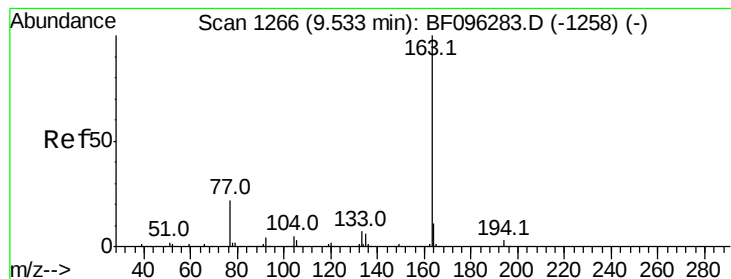
#44
 2-Fluorobiphenyl
 Concen: 24.40 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF096256.D
 Acq: 28 Jun 2017 18:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.6	44.4
170	23.0	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: 2.39 ng

RT: 9.53 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BF096256.D

Acq: 28 Jun 2017 18:24

Instrument :

BNA_F

ClientSampleId :

G-27-0-1.5

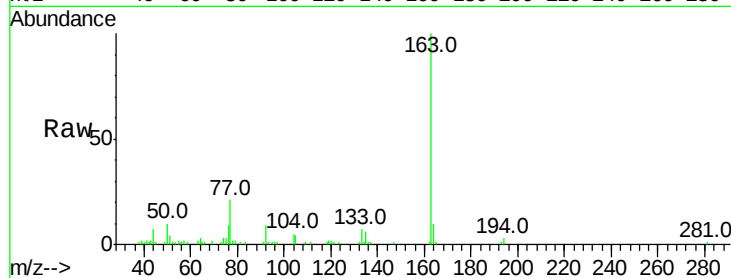
Tot Ion:163 Resp: 47468

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

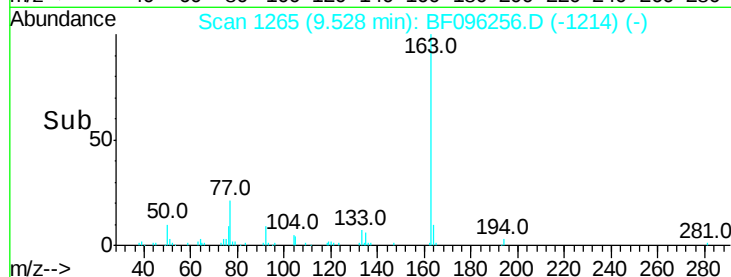
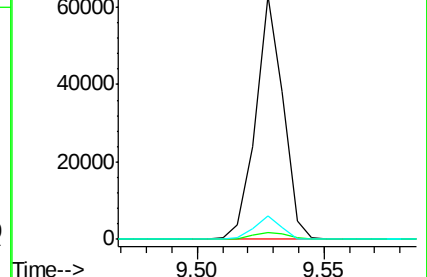
164 9.5 8.4 12.6



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: 20.00 ng

RT: 11.29 min Scan# 1565

Delta R.T. 0.01 min

Lab File: BF096256.D

Acq: 28 Jun 2017 18:24

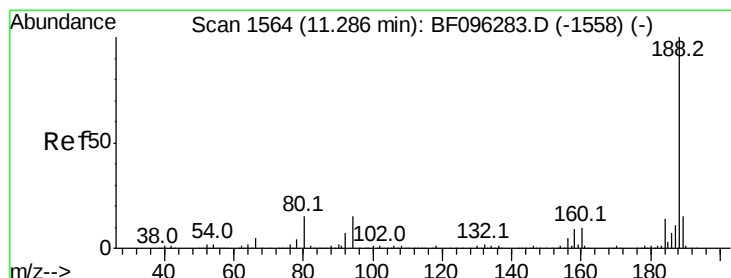
Tgt Ion:188 Resp: 435602

Ion Ratio Lower Upper

188 100

94 13.9 9.4 14.2

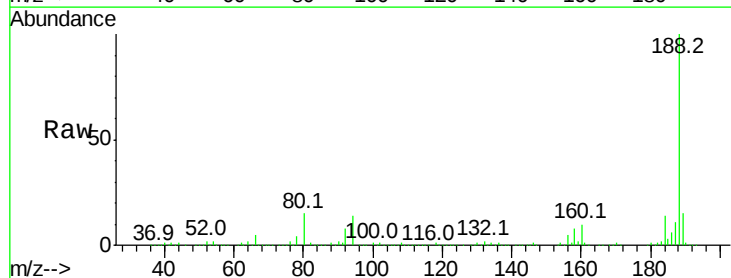
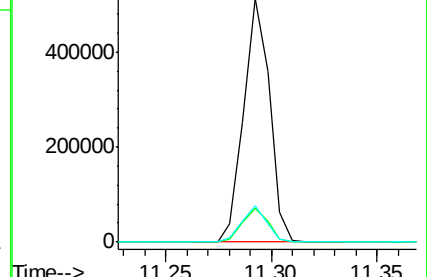
80 14.9 10.2 15.2

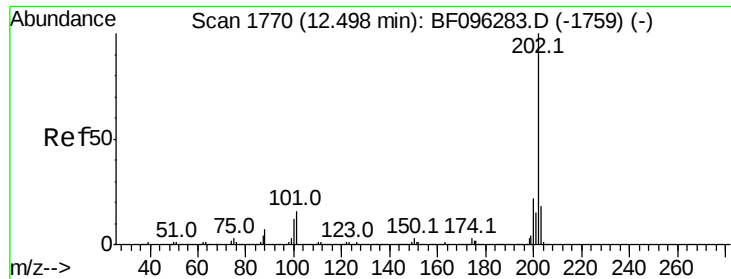


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

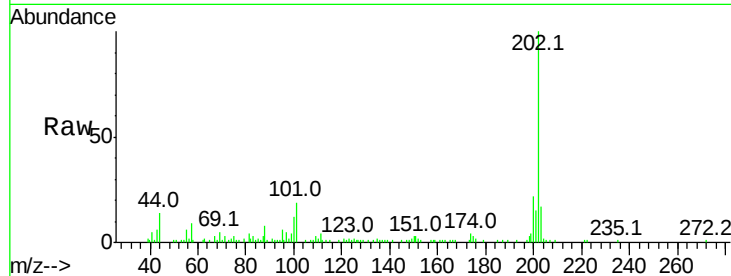




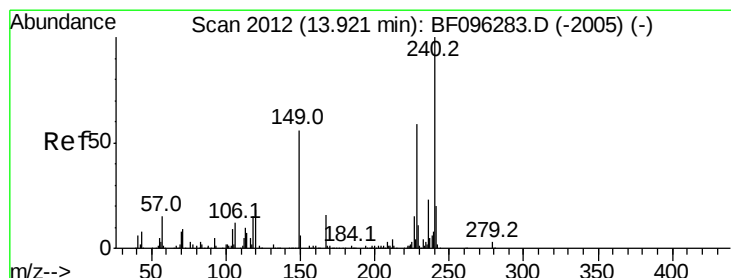
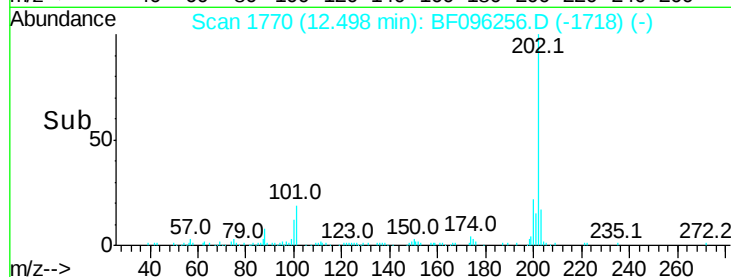
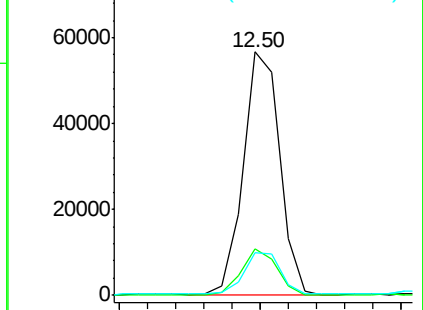
#74
 Fluoranthene
 Concen: 2.11 ng
 RT: 12.50 min Scan# 1770
 Delta R.T. 0.01 min
 Lab File: BF096256.D
 Acq: 28 Jun 2017 18:24

Instrument :
 BNA_F
 ClientSampleId :
 G-27-0-1.5

Tot Ion:202 Resp: 51008
 Ion Ratio Lower Upper
 202 100
 101 19.2 0.0 33.2
 203 17.5 0.0 38.1

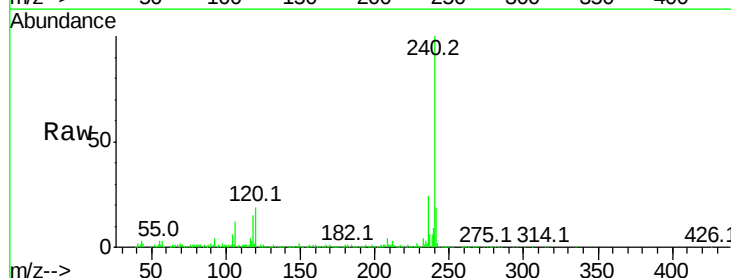


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

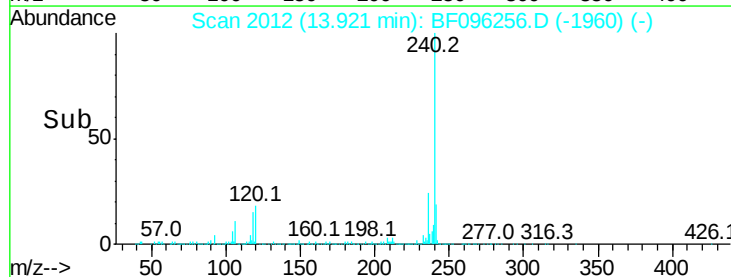
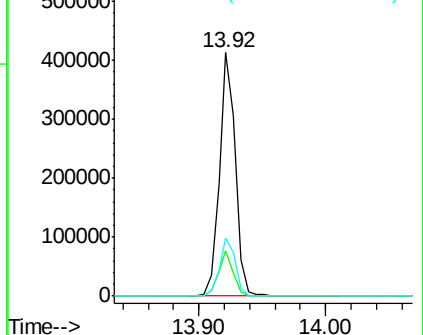


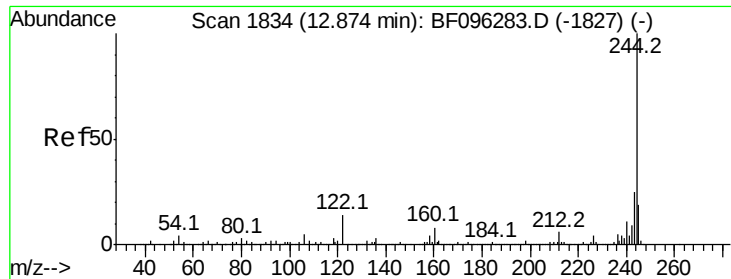
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. 0.01 min
 Lab File: BF096256.D
 Acq: 28 Jun 2017 18:24

Tgt Ion:240 Resp: 364591
 Ion Ratio Lower Upper
 240 100
 120 18.5 5.8 8.8#
 236 24.0 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: 18.15 ng

RT: 12.87 min Scan# 1834

Delta R.T. 0.01 min

Lab File: BF096256.D

Acq: 28 Jun 2017 18:24

Instrument :

BNA_F

ClientSampleId :

G-27-0-1.5

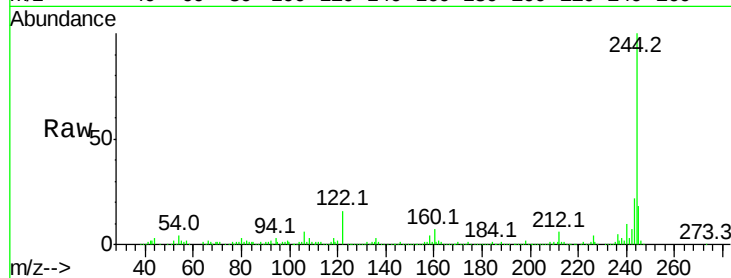
Tot Ion:244 Resp: 265253

Ion Ratio Lower Upper

244 100

212 5.8 6.0 9.0#

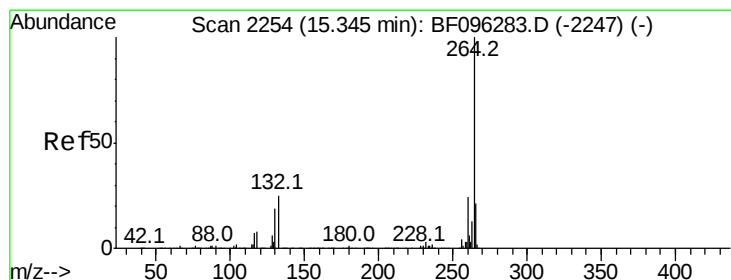
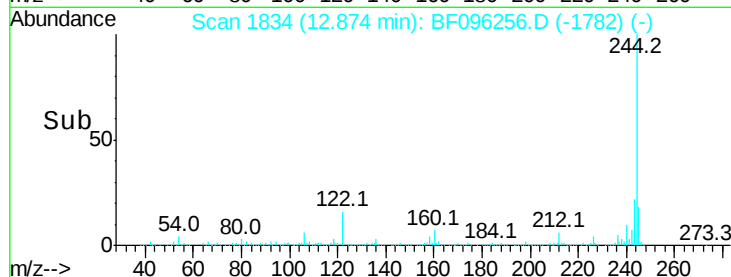
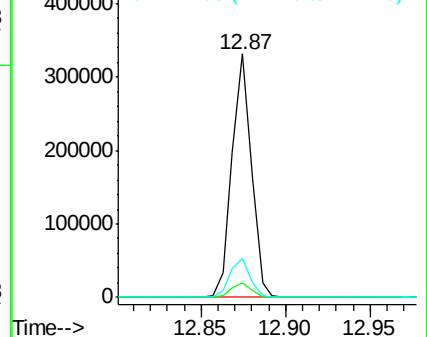
122 15.9 10.3 15.5#



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: 20.00 ng

RT: 15.35 min Scan# 2255

Delta R.T. 0.01 min

Lab File: BF096256.D

Acq: 28 Jun 2017 18:24

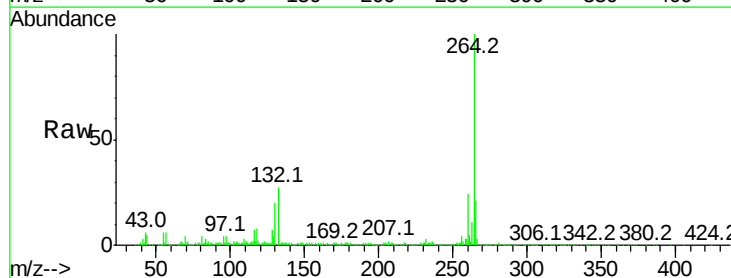
Tgt Ion:264 Resp: 325720

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

265 21.4 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

