

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
 Data File : BF096459.D
 Acq On : 4 Jul 2017 00:57
 Operator : SJ/MA
 Sample : I4028-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 REACTOR-1-CB

Quant Time: Jul 04 03:52:13 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 01:43:12 2017
 Response via : Initial Calibration

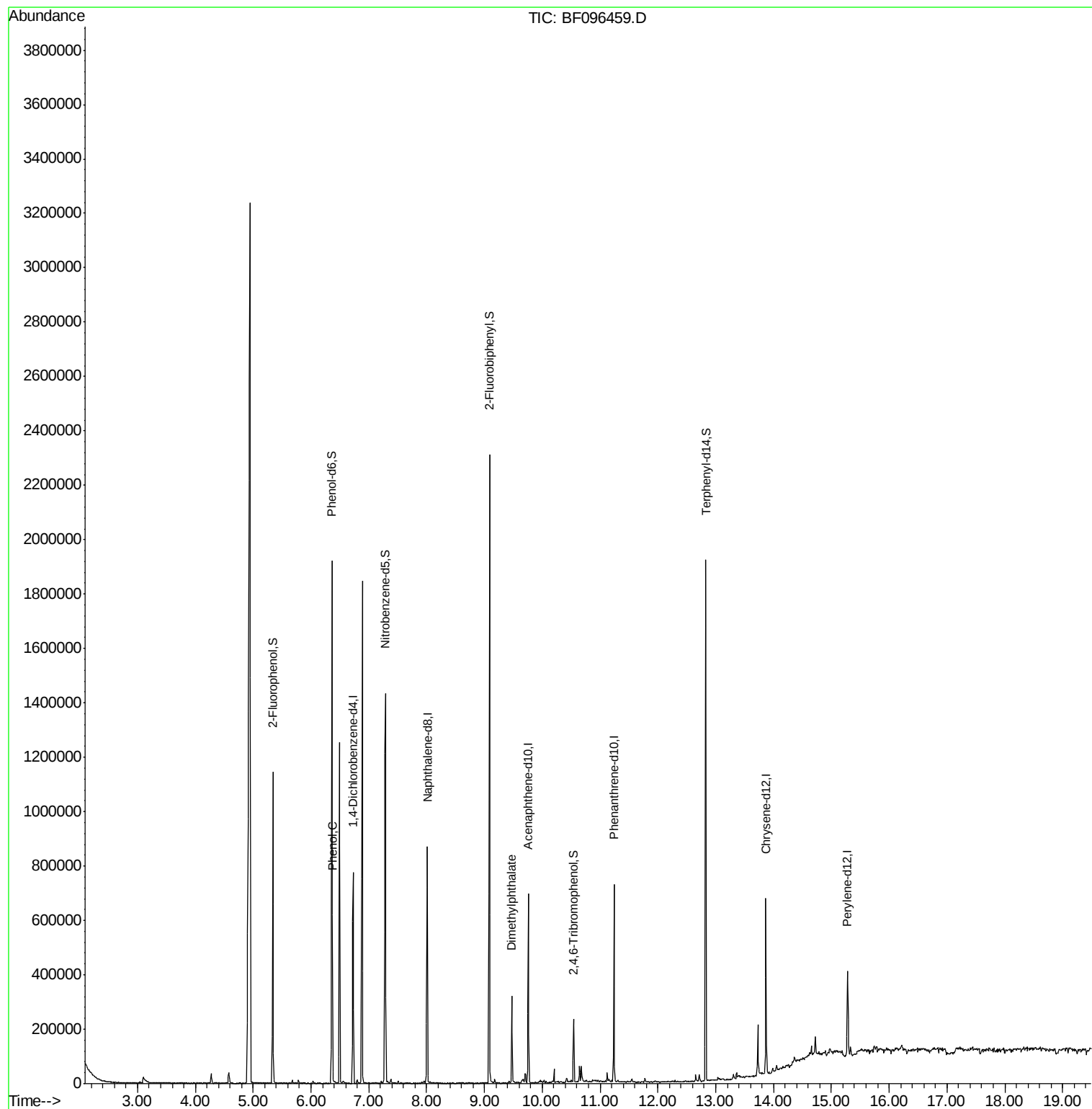
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	107589	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	393149	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	141062	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	234583	20.00	ng	-0.01
75) Chrysene-d12	13.87	240	201318	20.00	ng	-0.01
86) Perylene-d12	15.28	264	125673	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	290809	39.89	ng	0.00
7) Phenol-d6	6.36	99	559485	62.43	ng	-0.01
23) Nitrobenzene-d5	7.29	82	422147	64.52	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	24536	22.27	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	694150	84.14	ng	-0.01
78) Terphenyl-d14	12.83	244	575971	61.13	ng	0.00
Target Compounds						
10) Phenol	6.37	94	35301	3.458	ng	89
49) Dimethylphthalate	9.47	163	118778	11.280	ng	99

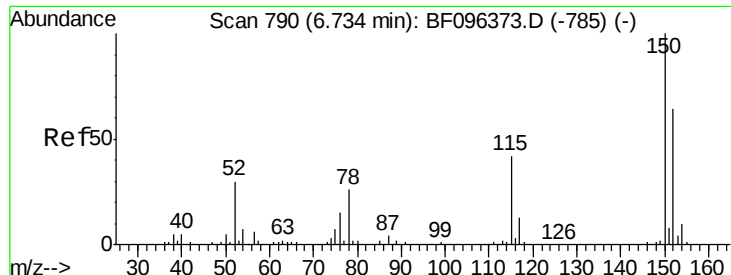
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
Data File : BF096459.D
Acq On : 4 Jul 2017 00:57
Operator : SJ/MA
Sample : I4028-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
REACTOR-1-CB

Quant Time: Jul 04 03:52:13 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 01:43:12 2017
Response via : Initial Calibration

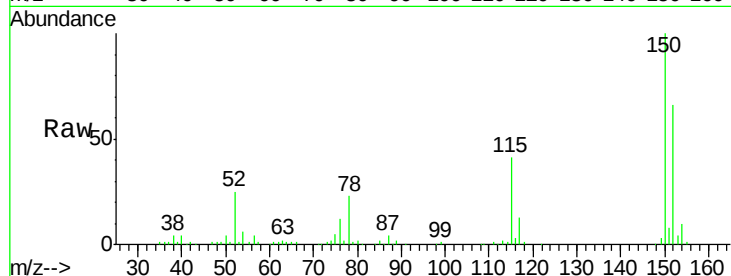




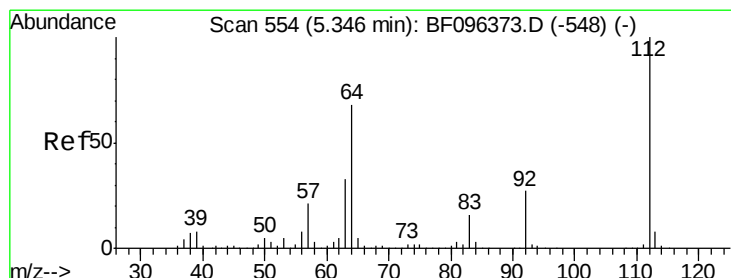
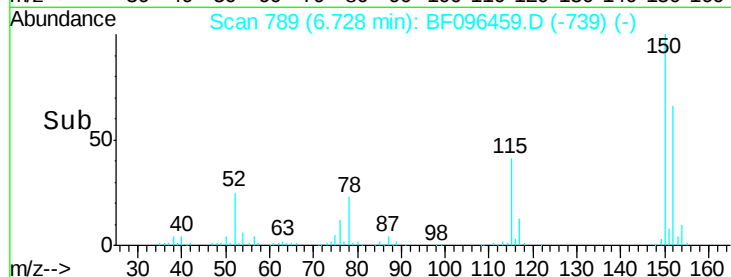
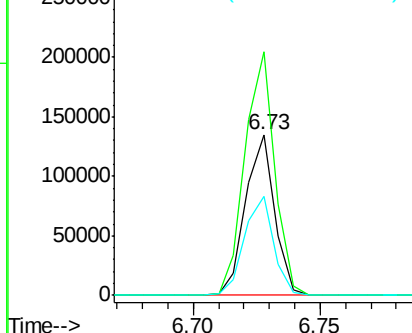
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF096459.D
 Acq: 4 Jul 2017 00:57

Instrument :
 BNA_F
 ClientSampleId :
 REACTOR-1-CB

Tgt Ion:152 Resp: 107589
 Ion Ratio Lower Upper
 152 100
 150 151.7 126.2 189.2
 115 61.9 52.2 78.2

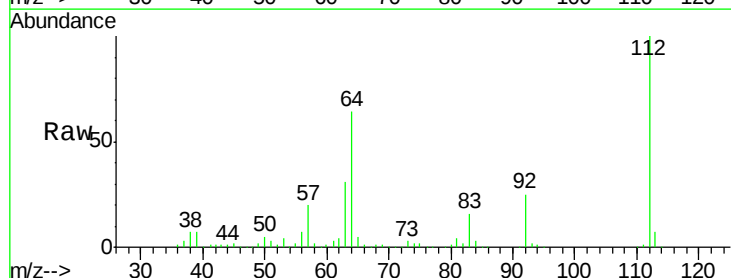


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

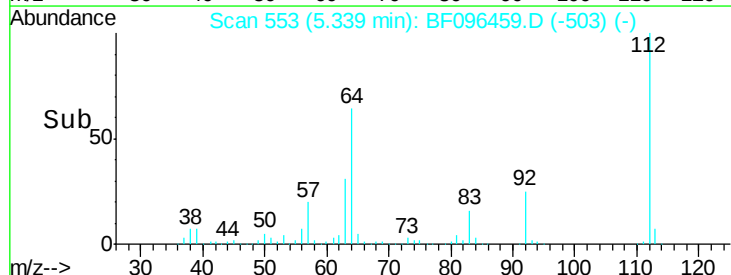
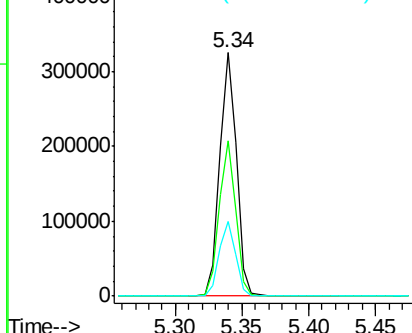


#5
 2-Fluorophenol
 Concen: 39.895 ng
 RT: 5.34 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: BF096459.D
 Acq: 4 Jul 2017 00:57

Tgt Ion:112 Resp: 290809
 Ion Ratio Lower Upper
 112 100
 64 63.8 46.0 69.0
 63 30.7 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: 62.433 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF096459.D

Acq: 4 Jul 2017 00:57

Instrument :

BNA_F

ClientSampleId :

REACTOR-1-CB

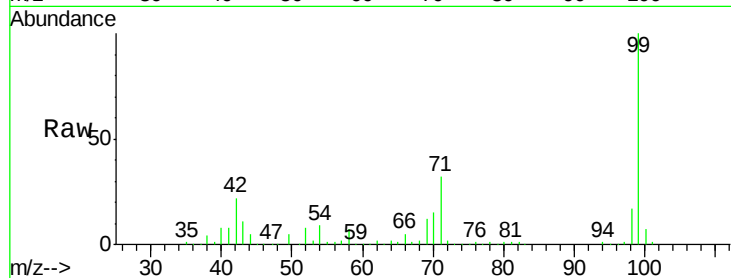
Tgt Ion: 99 Resp: 559485

Ion Ratio Lower Upper

99 100

42 21.9 13.5 20.3#

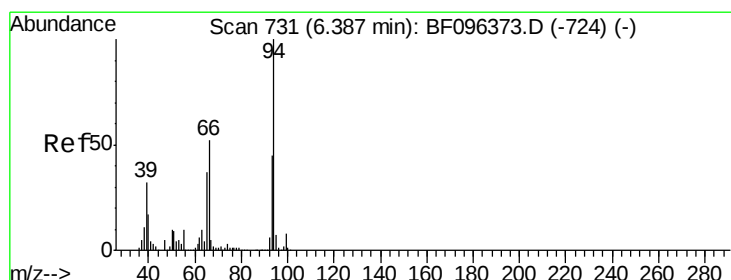
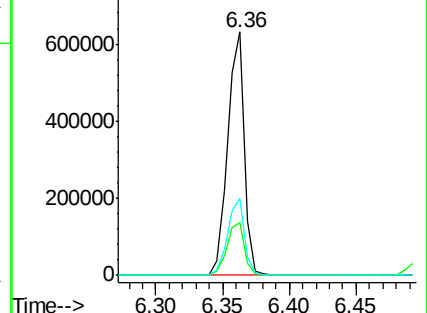
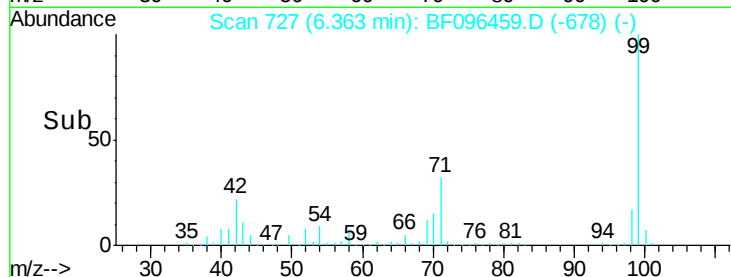
71 31.7 24.5 36.7



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: 3.458 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF096459.D

Acq: 4 Jul 2017 00:57

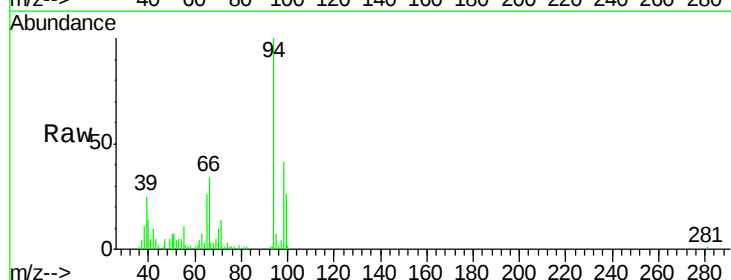
Tgt Ion: 94 Resp: 35301

Ion Ratio Lower Upper

94 100

65 25.6 9.9 49.9

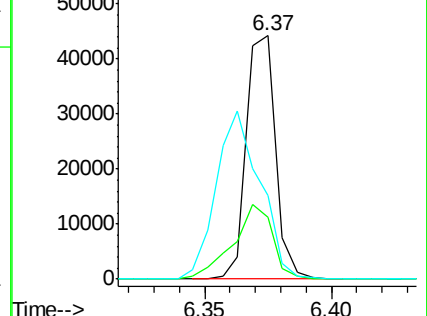
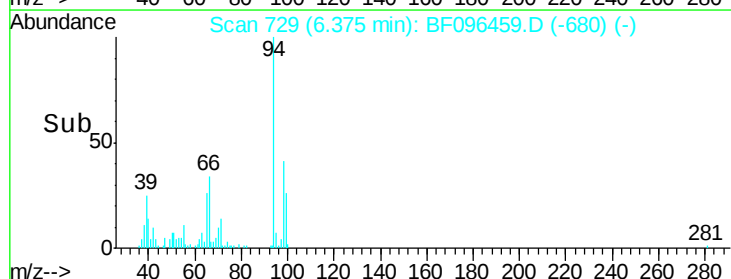
66 34.4 23.1 63.1

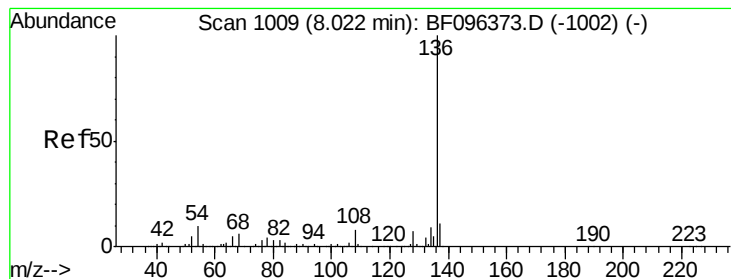


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF096459.D

Acq: 4 Jul 2017 00:57

Instrument :

BNA_F

ClientSampleId :

REACTOR-1-CB

Tgt Ion: 136 Resp: 393149

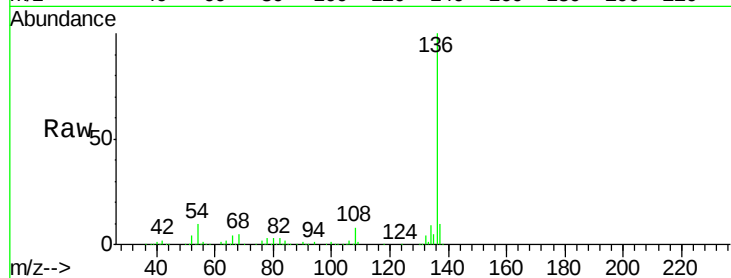
Ion Ratio Lower Upper

136 100

137 10.2 8.5 12.7

54 9.6 4.9 7.3#

68 5.4 4.1 6.1

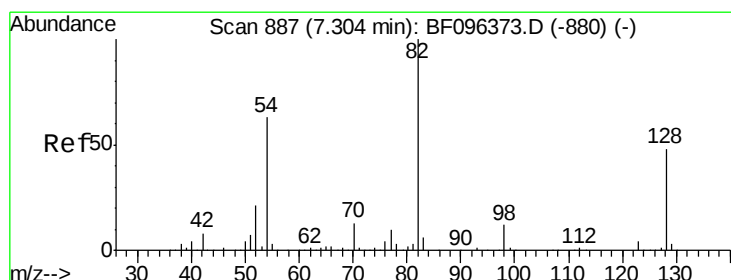
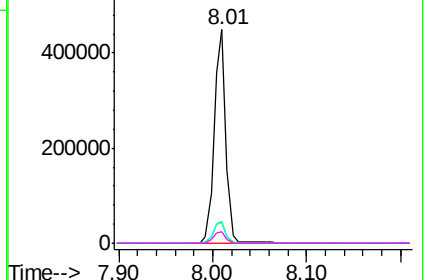
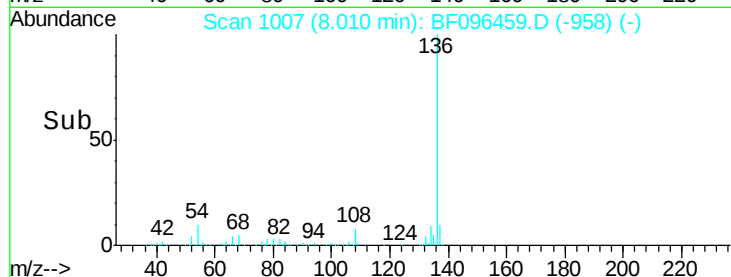


Abundance Ion 136.00 (135.70 to 136.70): E

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: 64.523 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.02 min

Lab File: BF096459.D

Acq: 4 Jul 2017 00:57

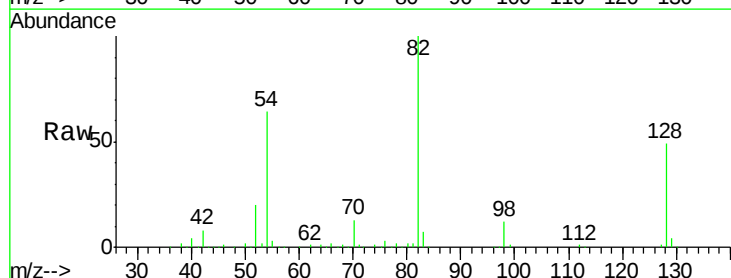
Tgt Ion: 82 Resp: 422147

Ion Ratio Lower Upper

82 100

128 49.2 34.0 51.0

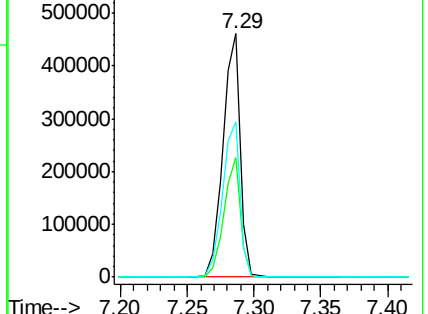
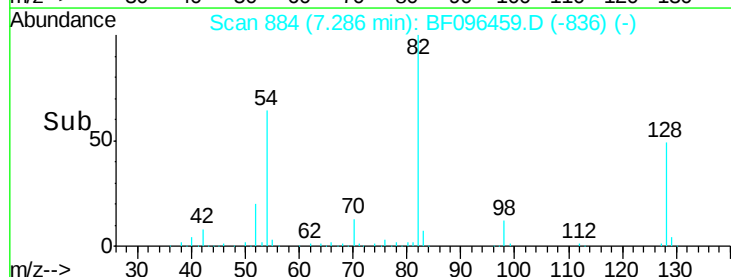
54 63.6 42.2 63.2#

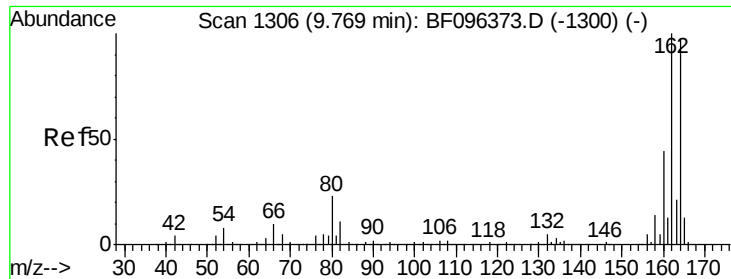


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

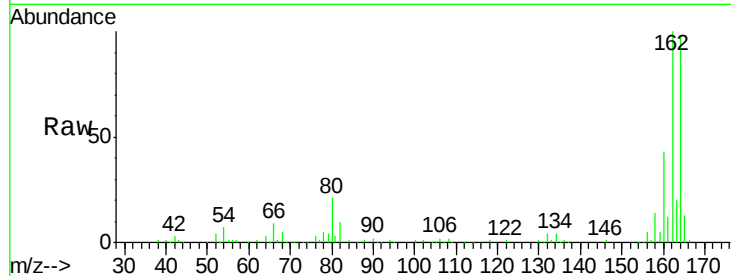




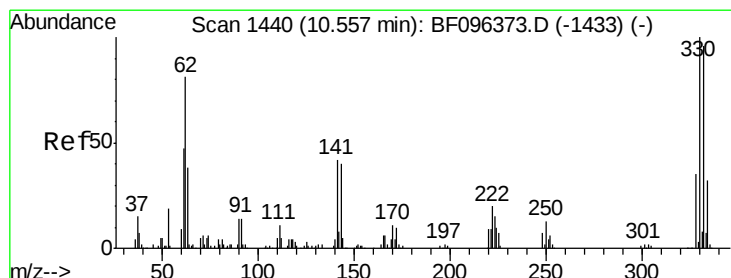
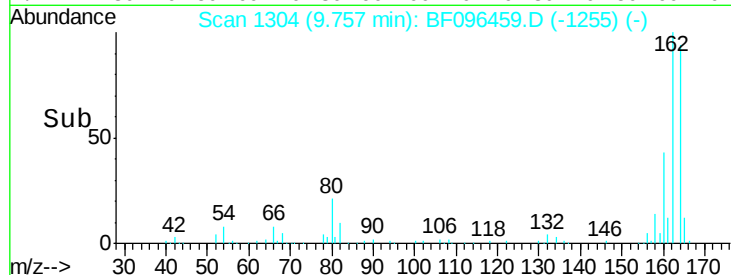
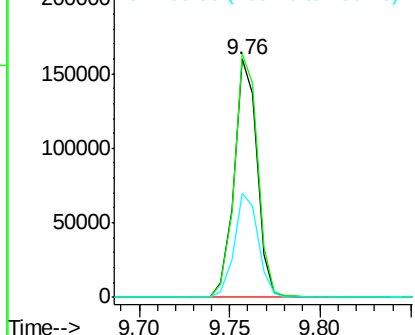
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF096459.D
 Acq: 4 Jul 2017 00:57

Instrument :
 BNA_F
 ClientSampleId :
 REACTOR-1-CB

Tgt Ion:164 Resp: 141062
 Ion Ratio Lower Upper
 164 100
 162 102.3 82.6 123.8
 160 44.0 36.2 54.2

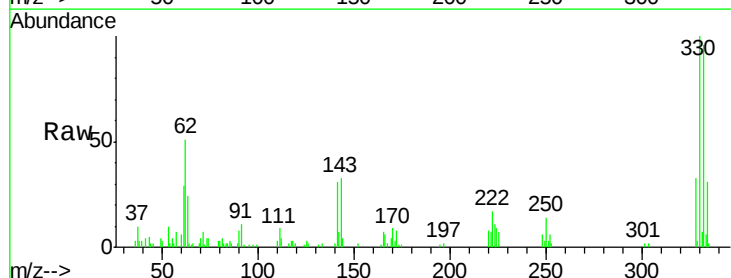


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

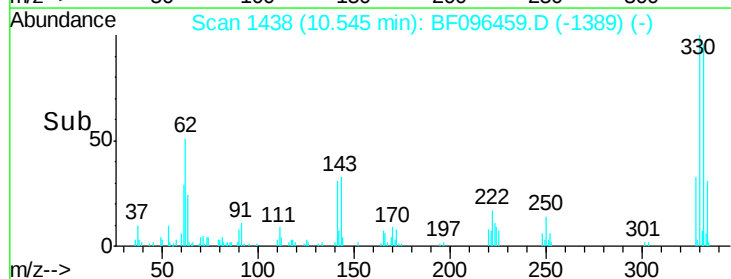
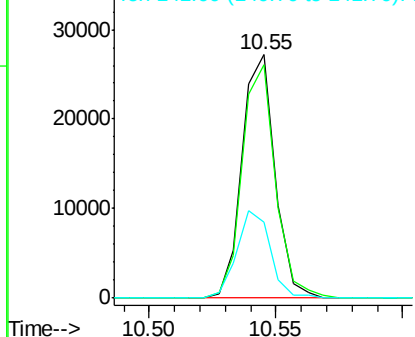


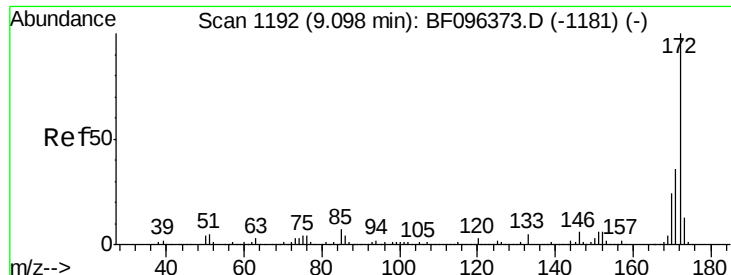
#41
 2,4,6-Tribromophenol
 Concen: 22.268 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF096459.D
 Acq: 4 Jul 2017 00:57

Tgt Ion:330 Resp: 24536
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 115.0
 141 36.8 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

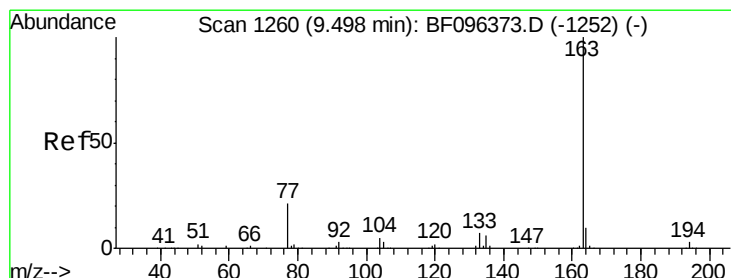
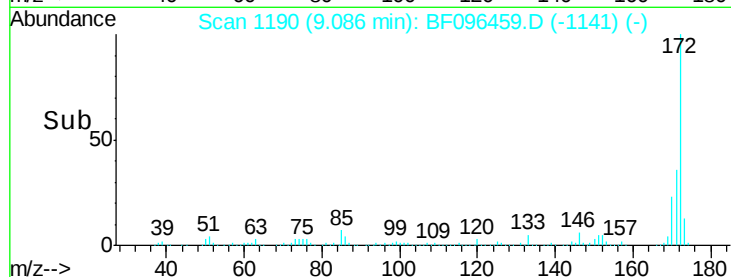
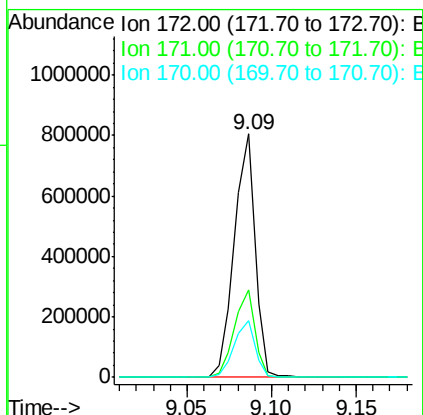
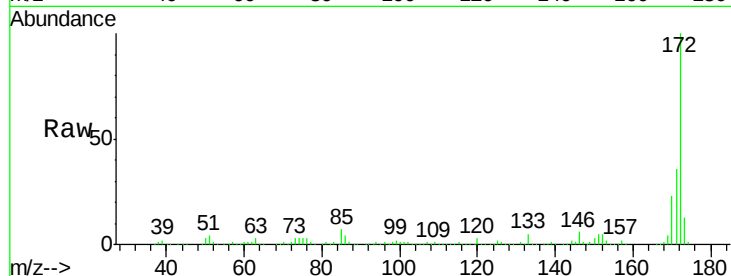




#44
 2-Fluorobiphenyl
 Concen: 84.136 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF096459.D
 Acq: 4 Jul 2017 00:57

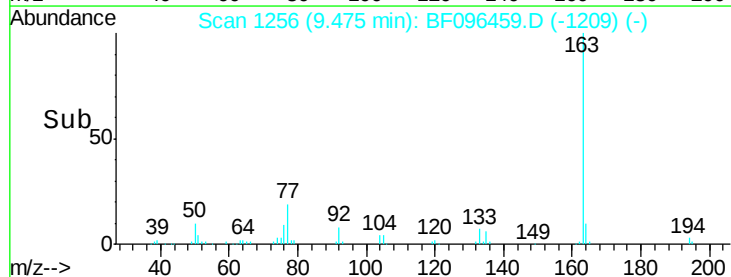
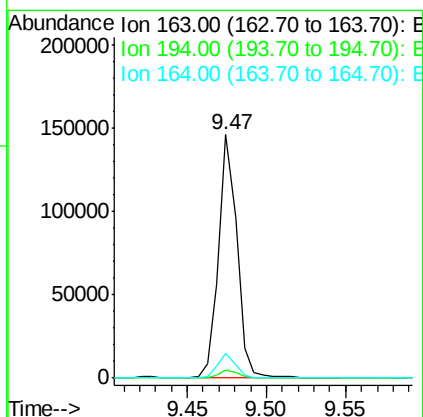
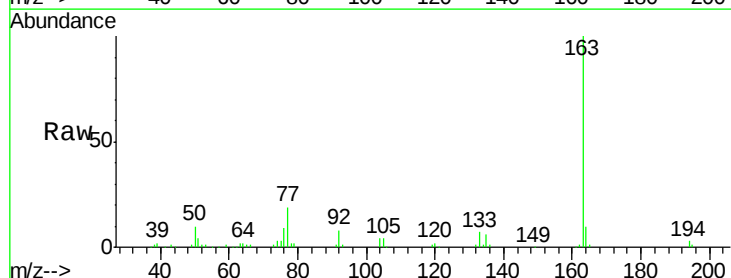
Instrument :
 BNA_F
 ClientSampleId :
 REACTOR-1-CB

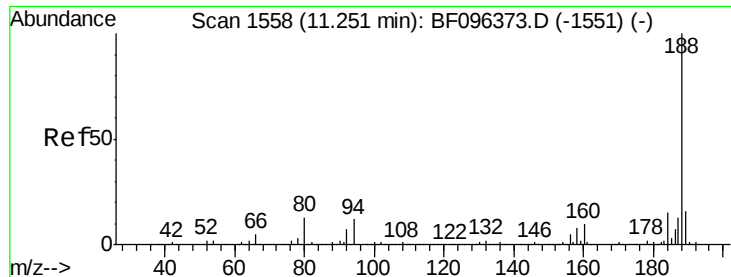
Tgt Ion:172 Resp: 694150
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 23.3 19.8 29.8



#49
 Dimethylphthalate
 Concen: 11.280 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. -0.02 min
 Lab File: BF096459.D
 Acq: 4 Jul 2017 00:57

Tgt Ion:163 Resp: 118778
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.6 4.0
 164 10.1 8.4 12.6

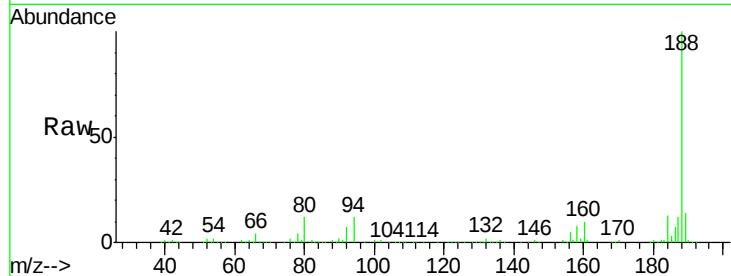




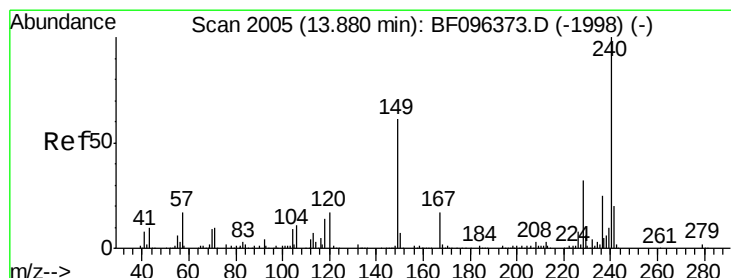
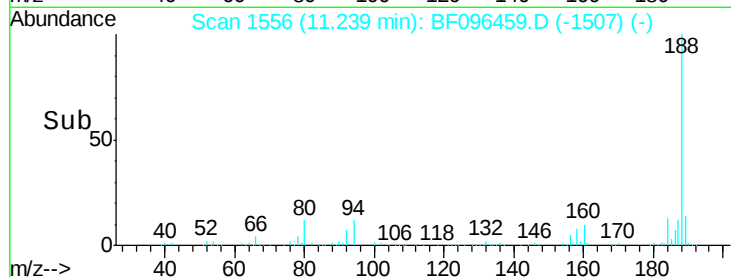
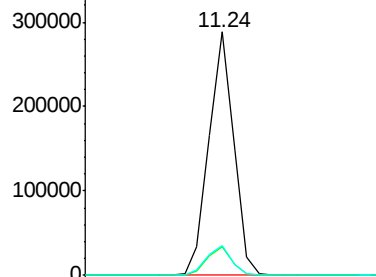
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF096459.D
Acq: 4 Jul 2017 00:57

Instrument :
BNA_F
ClientSampleId :
REACTOR-1-CB

Tgt Ion:188 Resp: 234583
Ion Ratio Lower Upper
188 100
94 11.6 9.4 14.2
80 12.2 10.2 15.2

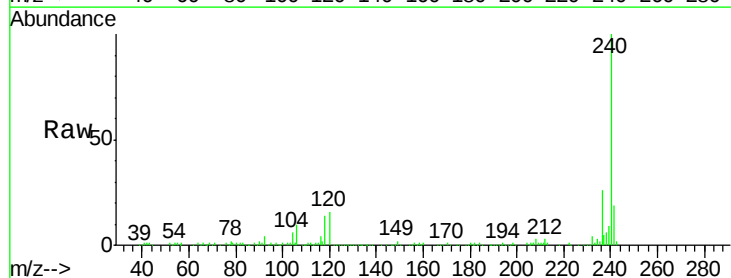


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

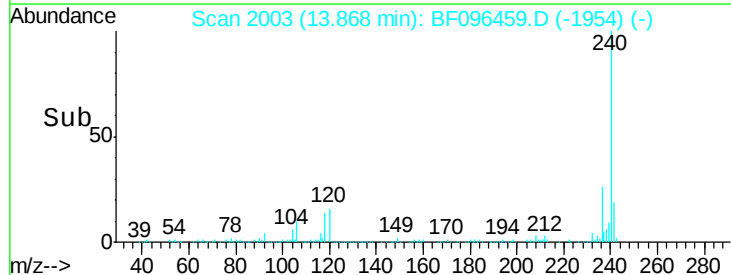
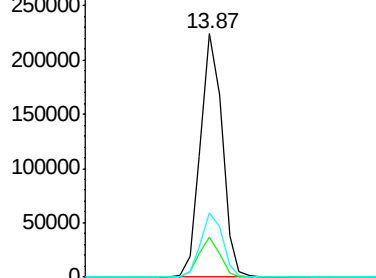


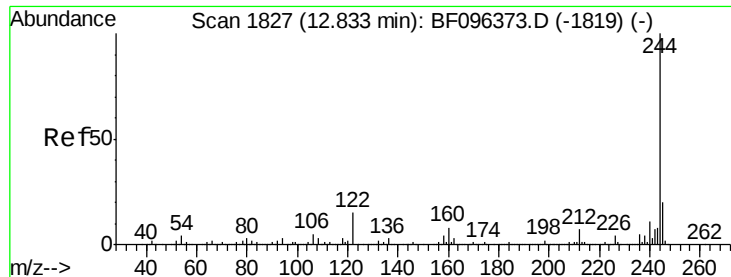
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF096459.D
Acq: 4 Jul 2017 00:57

Tgt Ion:240 Resp: 201318
Ion Ratio Lower Upper
240 100
120 16.5 5.8 8.8#
236 26.5 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: 61.135 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF096459.D

Acq: 4 Jul 2017 00:57

Instrument :

BNA_F

ClientSampleId :

REACTOR-1-CB

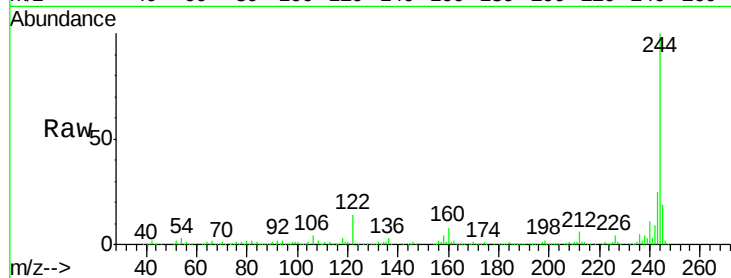
Tgt Ion:244 Resp: 575971

Ion Ratio Lower Upper

244 100

212 6.4 6.0 9.0

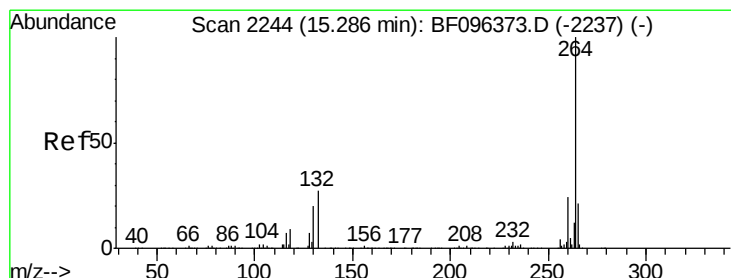
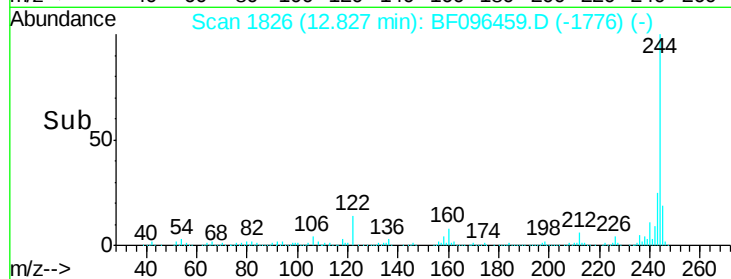
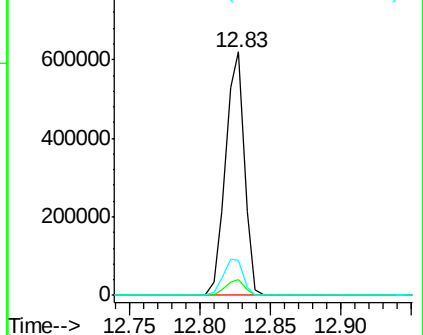
122 14.3 10.3 15.5



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: 15.28 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BF096459.D

Acq: 4 Jul 2017 00:57

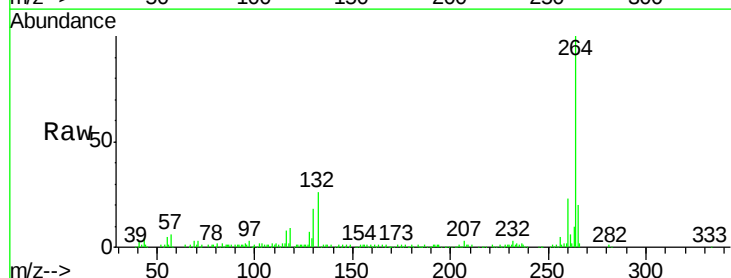
Tgt Ion:264 Resp: 125673

Ion Ratio Lower Upper

264 100

260 23.4 19.5 29.3

265 20.2 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

