

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071917\
 Data File : BF096877.D
 Acq On : 19 Jul 2017 18:35
 Operator : SJ/JU
 Sample : I4243-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-CN

Quant Time: Jul 20 08:25:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

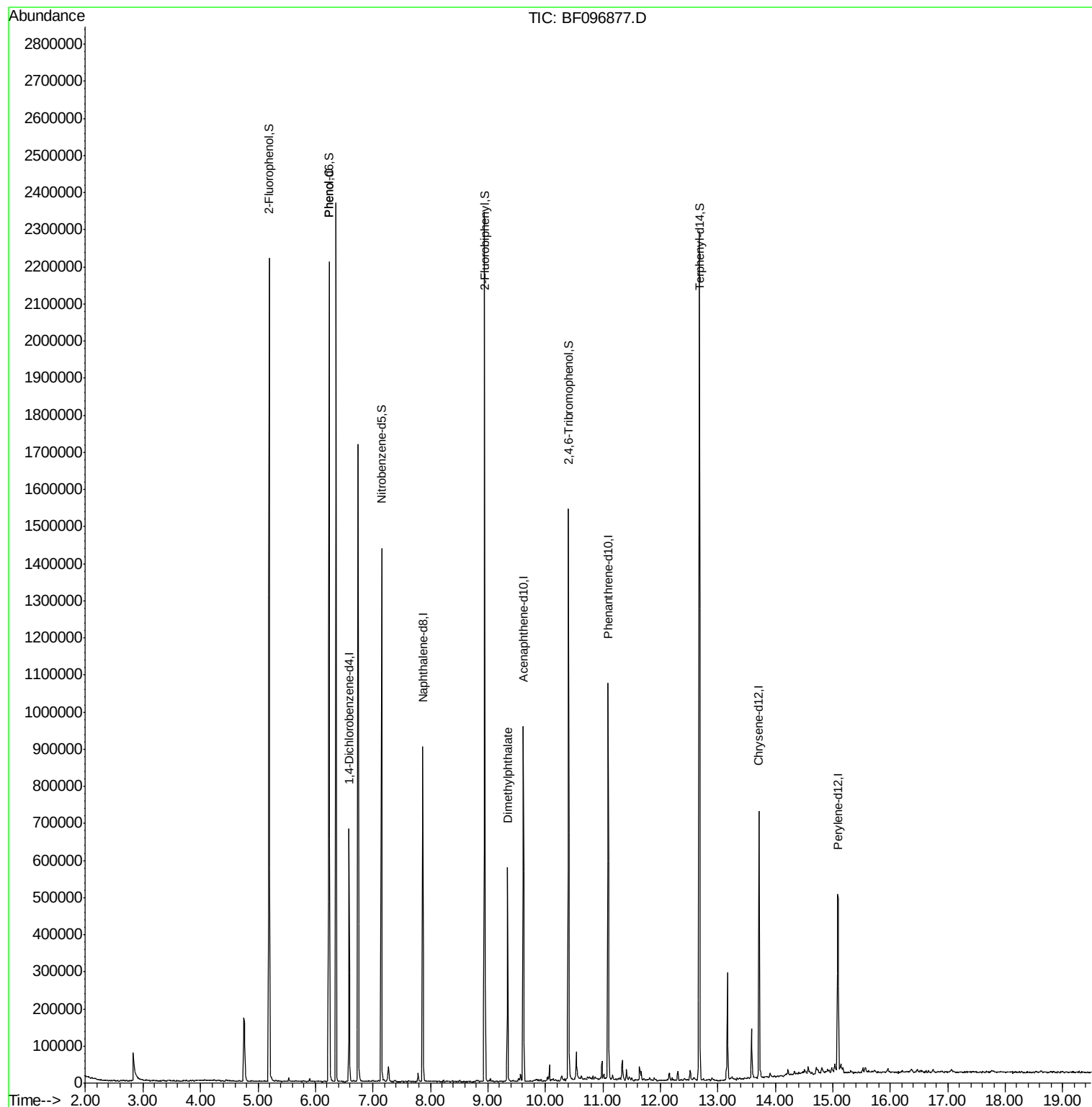
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	97519	20.00	ng	-0.01
21) Naphthalene-d8	7.87	136	404621	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	182894	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	349133	20.00	ng	-0.01
75) Chrysene-d12	13.72	240	246626	20.00	ng	-0.02
86) Perylene-d12	15.09	264	195432	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	680928	104.99	ng	0.00
7) Phenol-d6	6.24	99	767829	98.65	ng	-0.01
23) Nitrobenzene-d5	7.15	82	445368	68.18	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	173376	111.06	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	831753	71.85	ng	-0.02
78) Terphenyl-d14	12.68	244	737705	51.88	ng	-0.01
Target Compounds						
10) Phenol	6.25	94	30135	3.425	ng	83
49) Dimethylphthalate	9.35	163	239692	17.405	ng	99

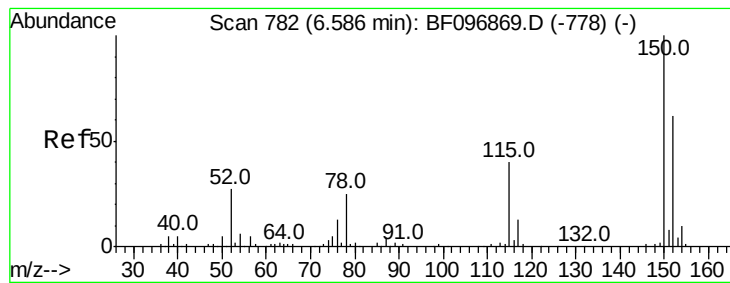
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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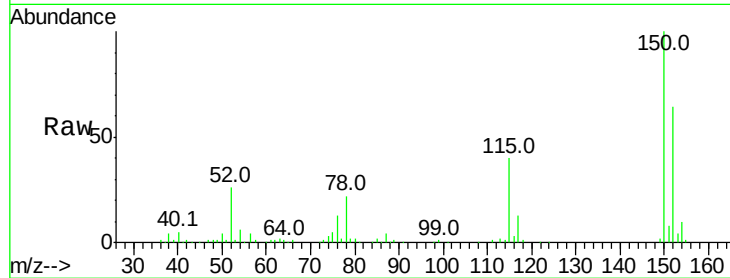


#1

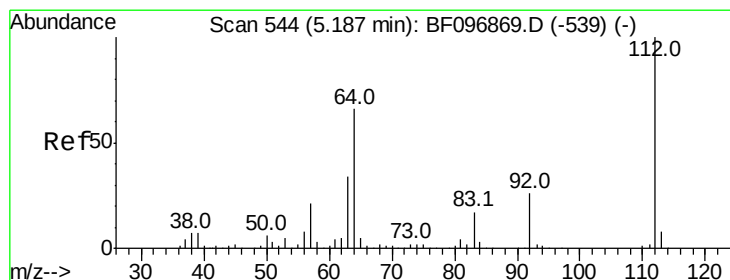
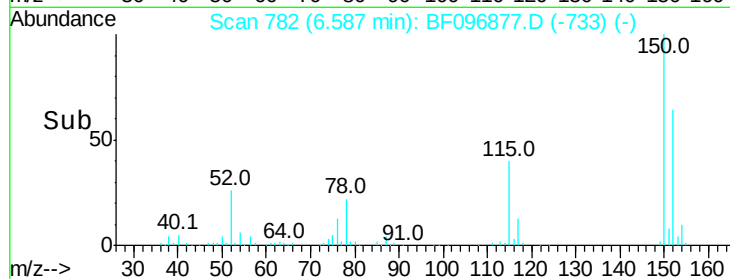
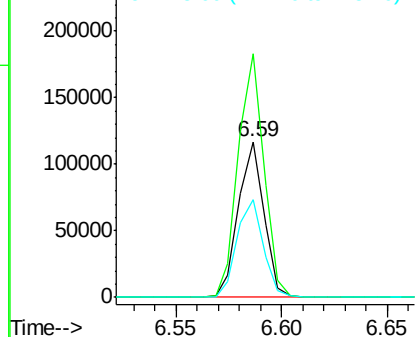
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.59 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF096877.D
Acq: 19 Jul 2017 18:35

Instrument :
BNA_F
ClientSampleId :
TP-CN

Tot Ion:152 Resp: 97519
Ion Ratio Lower Upper
152 100
150 156.3 126.2 189.2
115 62.4 52.2 78.2



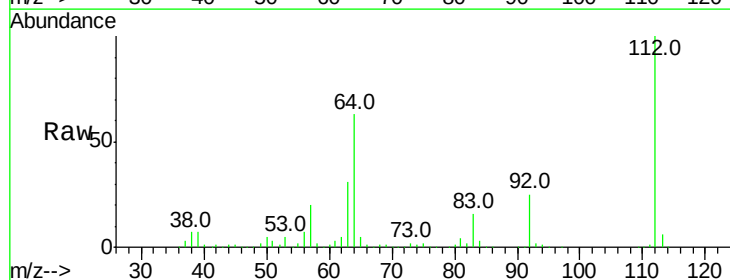
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



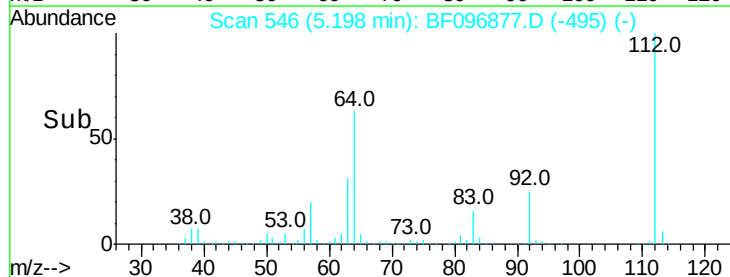
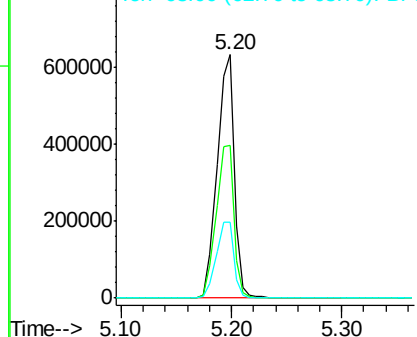
#5

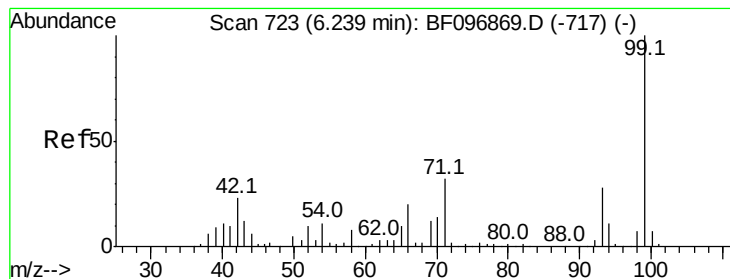
2-Fluorophenol
Concen: 104.988 ng
RT: 5.20 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF096877.D
Acq: 19 Jul 2017 18:35

Tgt Ion:112 Resp: 680928
Ion Ratio Lower Upper
112 100
64 62.7 46.0 69.0
63 31.4 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: 98.653 ng

RT: 6.24 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF096877.D

Acq: 19 Jul 2017 18:35

Instrument :

BNA_F

ClientSampleId :

TP-CN

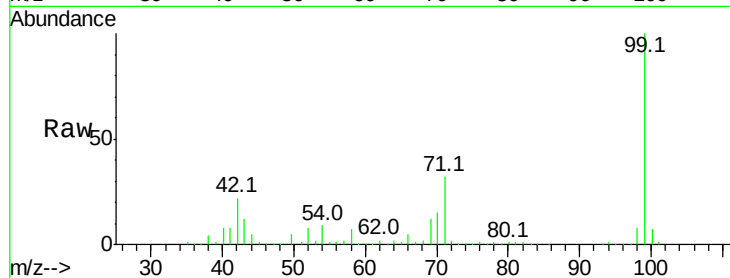
Tot Ion: 99 Resp: 767829

Ion Ratio Lower Upper

99 100

42 22.2 13.5 20.3#

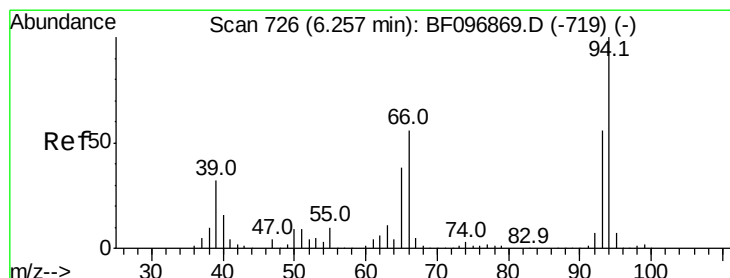
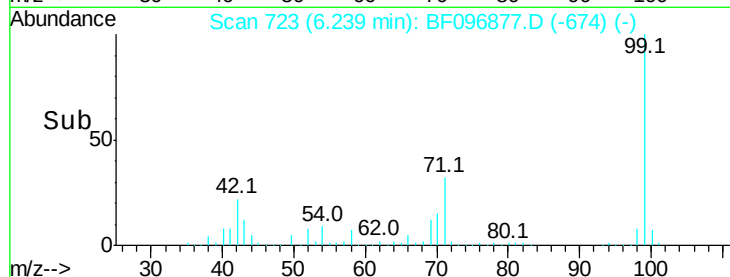
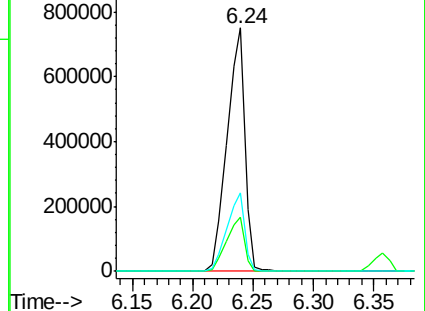
71 32.2 24.5 36.7



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: 3.425 ng

RT: 6.25 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF096877.D

Acq: 19 Jul 2017 18:35

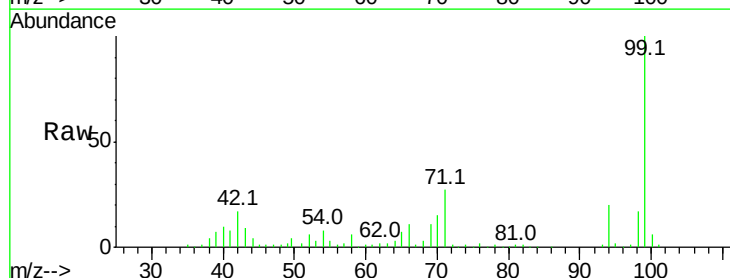
Tgt Ion: 94 Resp: 30135

Ion Ratio Lower Upper

94 100

65 36.3 9.9 49.9

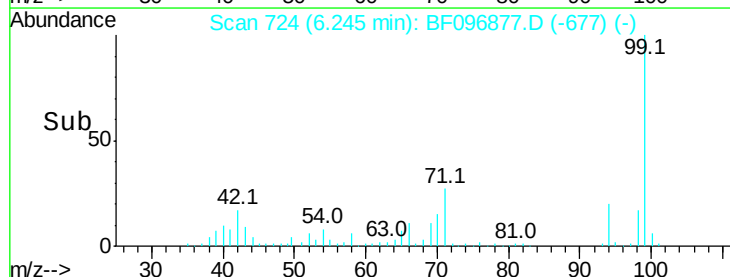
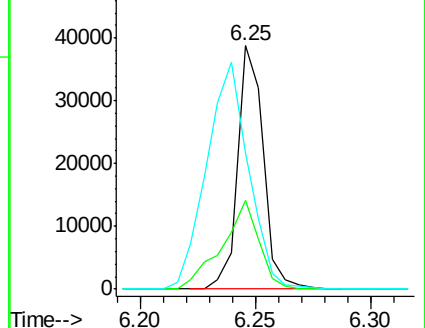
66 56.0 23.1 63.1

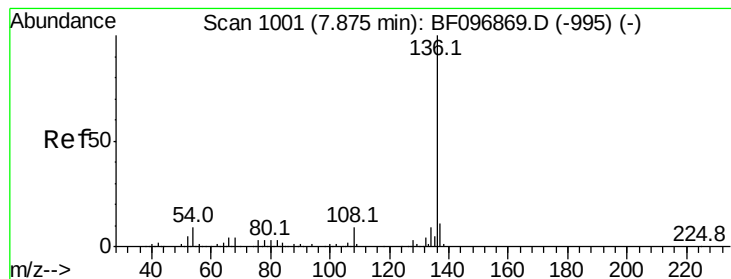


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 7.87 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF096877.D

Acq: 19 Jul 2017 18:35

Instrument :

BNA_F

ClientSampleId :

TP-CN

Tot Ion:136 Resp: 404621

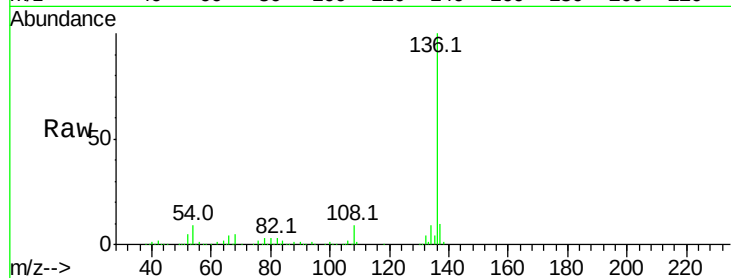
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 9.4 4.9 7.3#

68 4.7 4.1 6.1

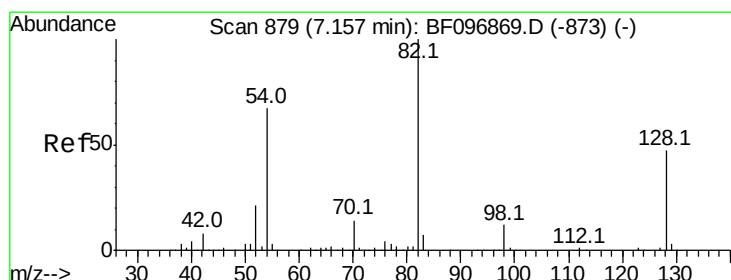
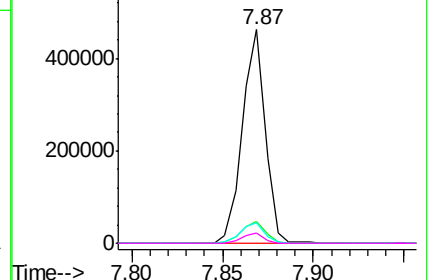
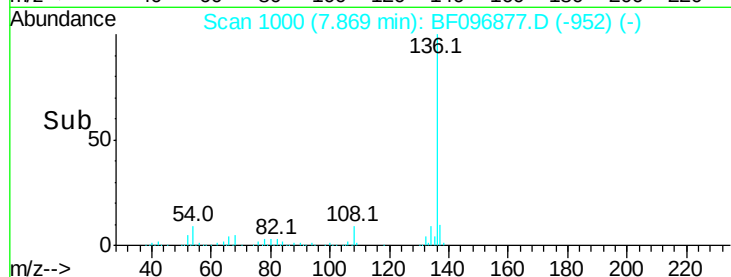


Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.179 ng

RT: 7.15 min Scan# 878

Delta R.T. -0.02 min

Lab File: BF096877.D

Acq: 19 Jul 2017 18:35

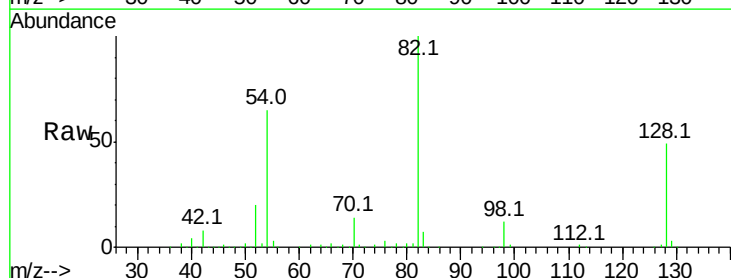
Tgt Ion: 82 Resp: 445368

Ion Ratio Lower Upper

82 100

128 49.0 34.0 51.0

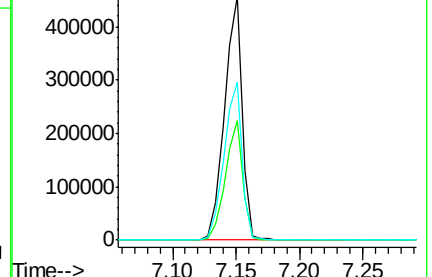
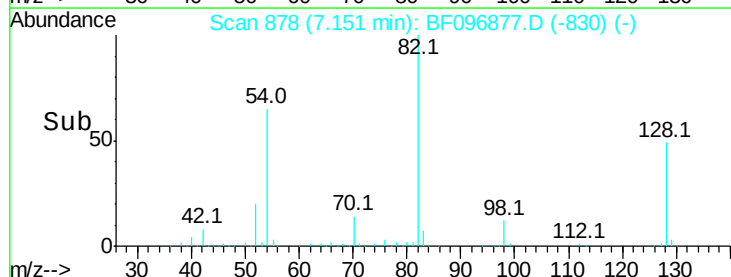
54 64.9 42.2 63.2#

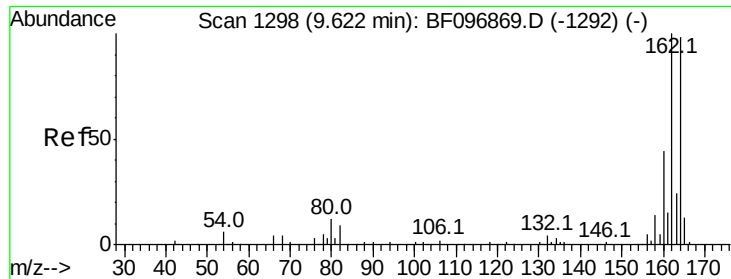


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

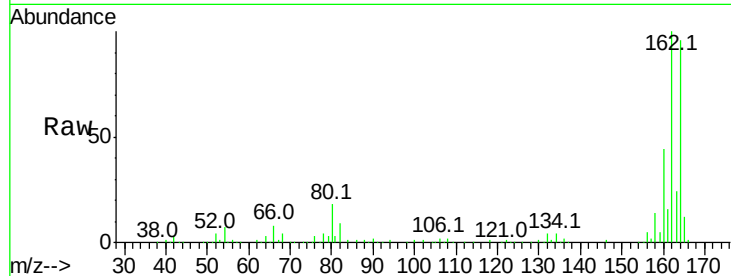




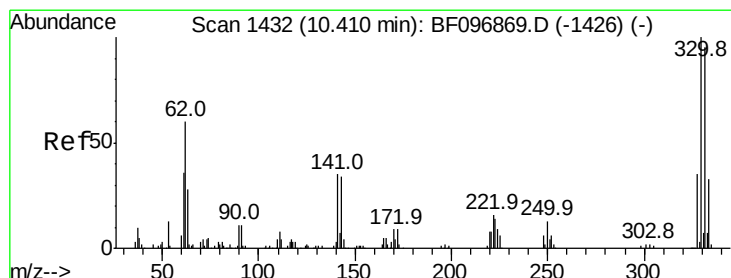
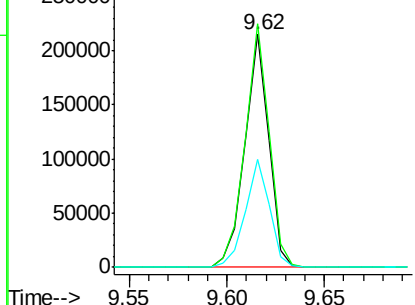
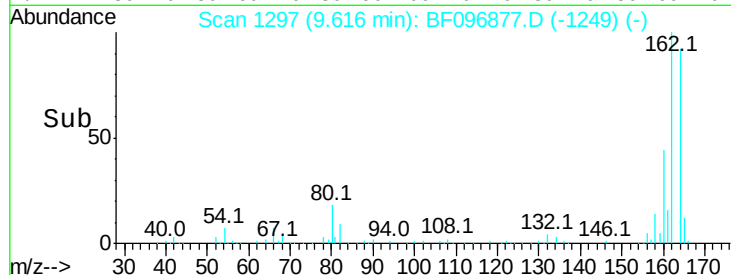
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.62 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF096877.D
Acq: 19 Jul 2017 18:35

Instrument :
BNA_F
ClientSampleId :
TP-CN

Tot Ion:164 Resp: 182894
Ion Ratio Lower Upper
164 100
162 104.5 82.6 123.8
160 46.2 36.2 54.2

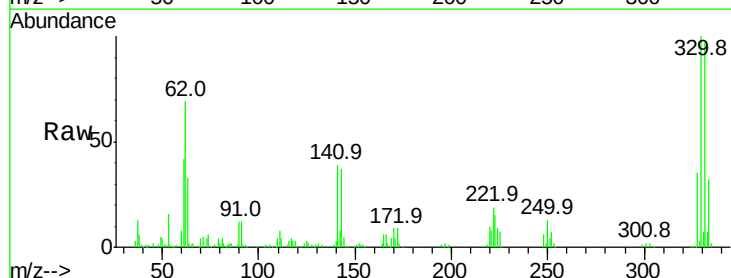


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

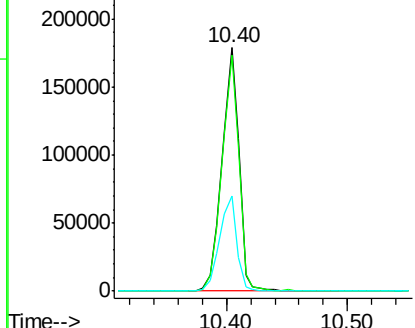
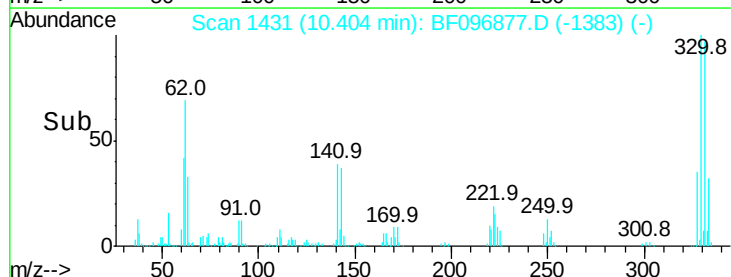


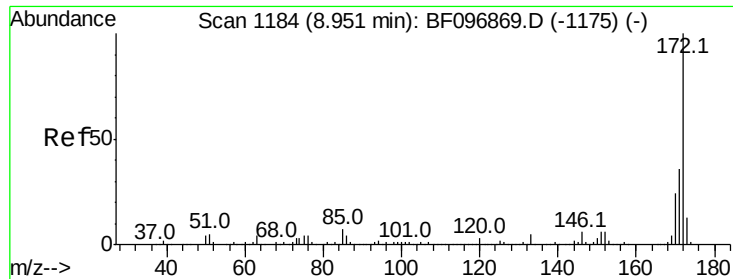
#41
2,4,6-Tribromophenol
Concen: 111.056 ng
RT: 10.40 min Scan# 1431
Delta R.T. -0.02 min
Lab File: BF096877.D
Acq: 19 Jul 2017 18:35

Tgt Ion:330 Resp: 173376
Ion Ratio Lower Upper
330 100
332 97.0 76.6 115.0
141 39.4 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

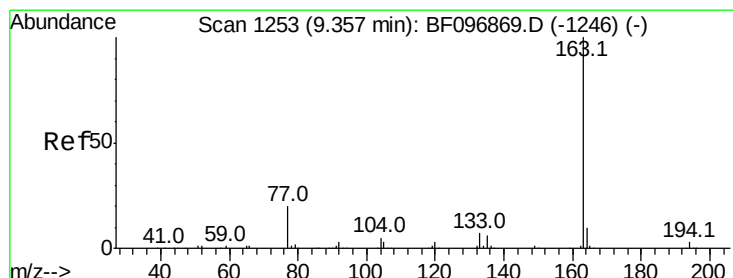
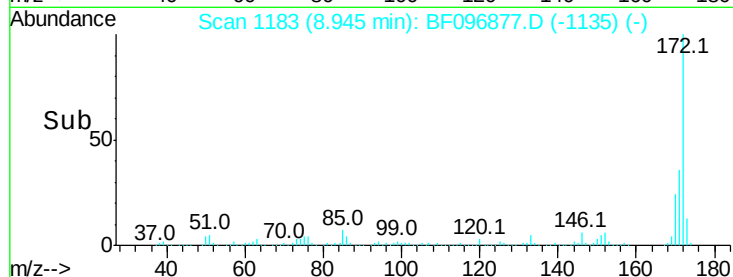
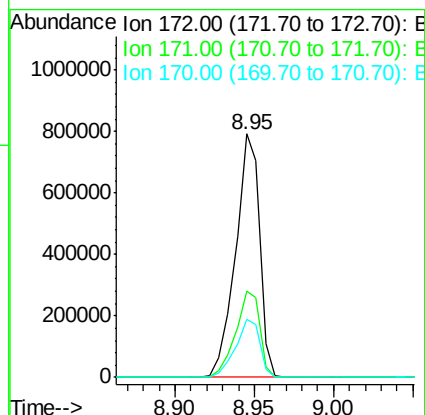
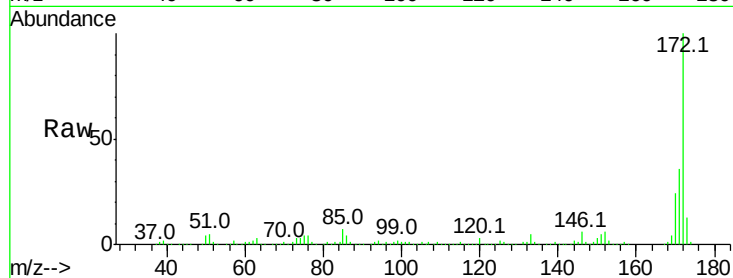




#44
2-Fluorobiphenyl
Concen: 71.851 ng
RT: 8.95 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF096877.D
Acq: 19 Jul 2017 18:35

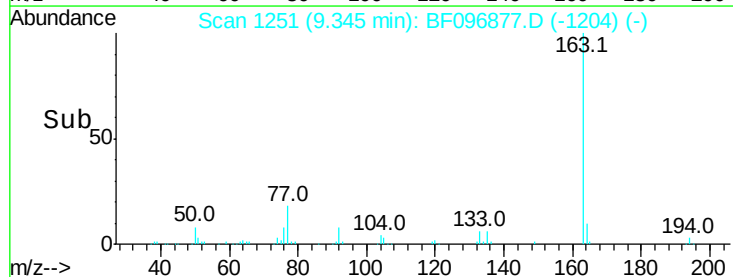
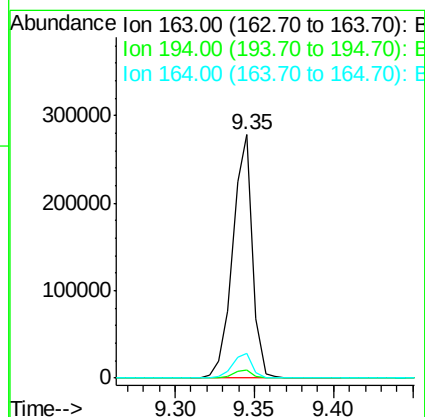
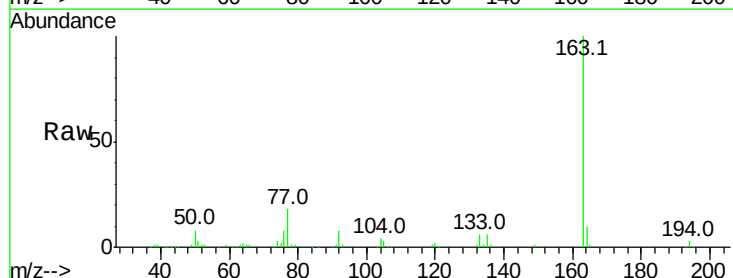
Instrument :
BNA_F
ClientSampleId :
TP-CN

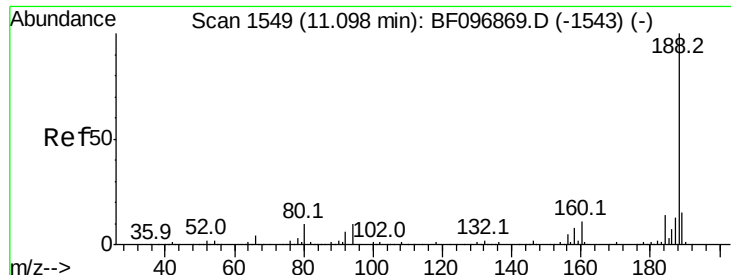
Tot Ion:172 Resp: 831753
Ion Ratio Lower Upper
172 100
171 35.6 29.6 44.4
170 24.0 19.8 29.8



#49
Dimethylphthalate
Concen: 17.405 ng
RT: 9.35 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF096877.D
Acq: 19 Jul 2017 18:35

Tgt Ion:163 Resp: 239692
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.1 8.4 12.6

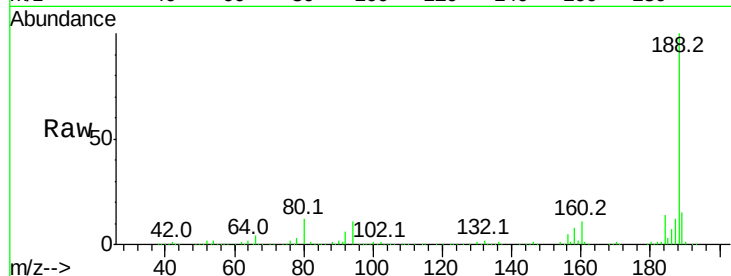




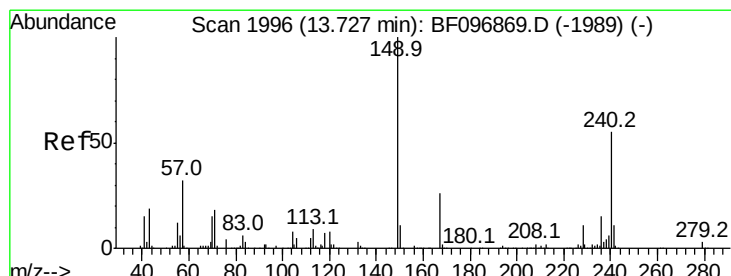
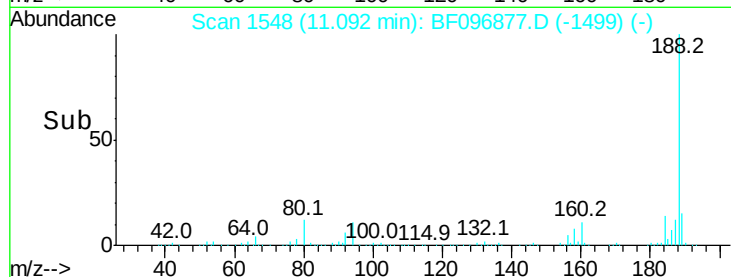
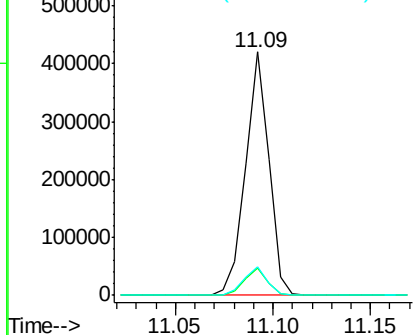
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.09 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF096877.D
Acq: 19 Jul 2017 18:35

Instrument :
BNA_F
ClientSampleId :
TP-CN

Tot Ion:188 Resp: 349133
Ion Ratio Lower Upper
188 100
94 11.2 9.4 14.2
80 11.7 10.2 15.2

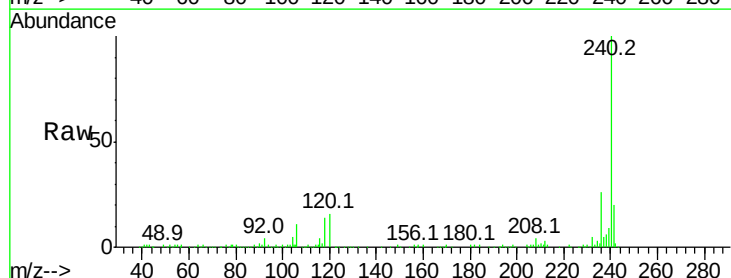


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

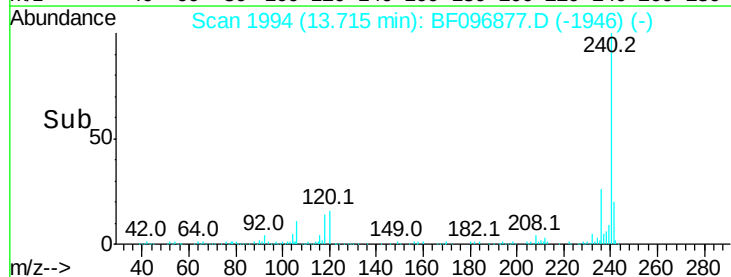
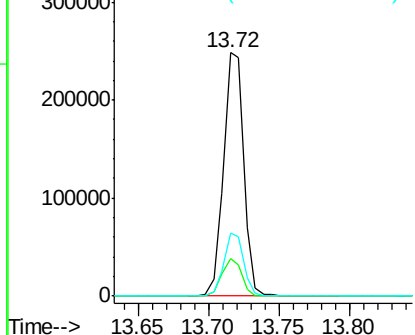


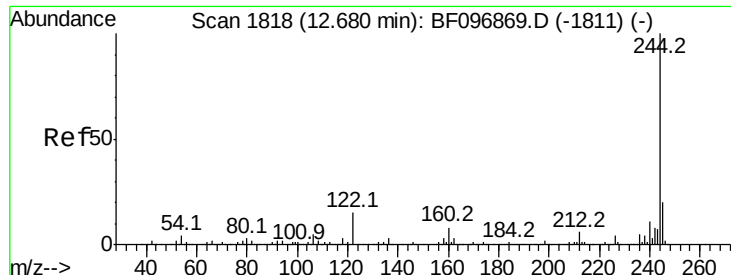
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.72 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BF096877.D
Acq: 19 Jul 2017 18:35

Tgt Ion:240 Resp: 246626
Ion Ratio Lower Upper
240 100
120 15.5 5.8 8.8#
236 26.1 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: 51.875 ng

RT: 12.68 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF096877.D

Acq: 19 Jul 2017 18:35

Instrument :

BNA_F

ClientSampled :

TP-CN

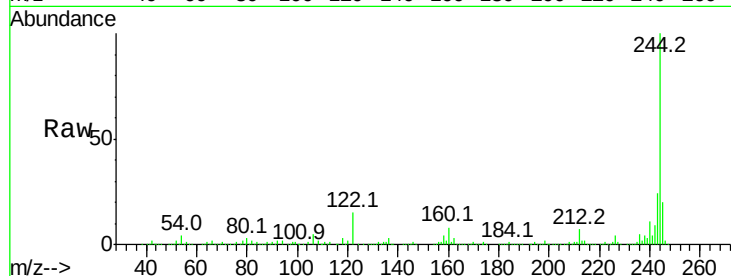
Tot Ion:244 Resp: 737705

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

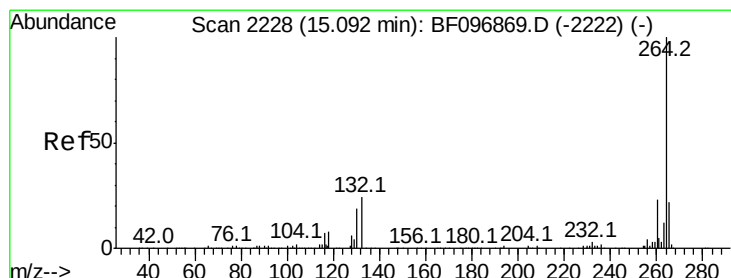
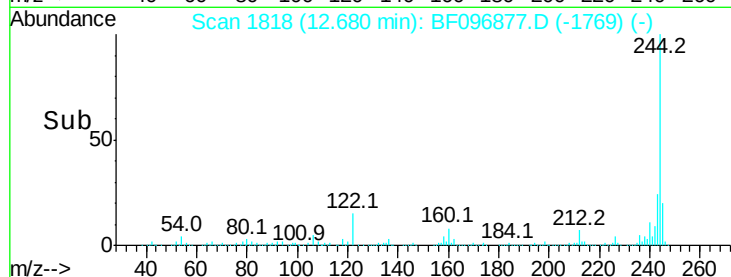
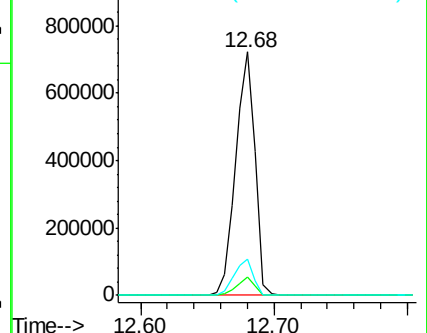
122 15.1 10.3 15.5



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: 15.09 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BF096877.D

Acq: 19 Jul 2017 18:35

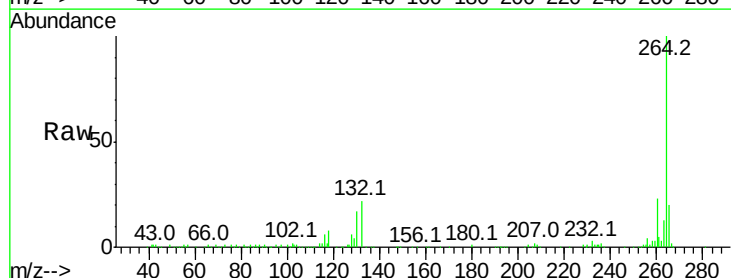
Tgt Ion:264 Resp: 195432

Ion Ratio Lower Upper

264 100

260 22.9 19.5 29.3

265 20.4 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

