

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
 Data File : BF097272.D
 Acq On : 2 Aug 2017 14:42
 Operator : SJ/JU
 Sample : I4497-09
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Quant Time: Aug 02 15:19:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 11:39:11 2017
 Response via : Initial Calibration

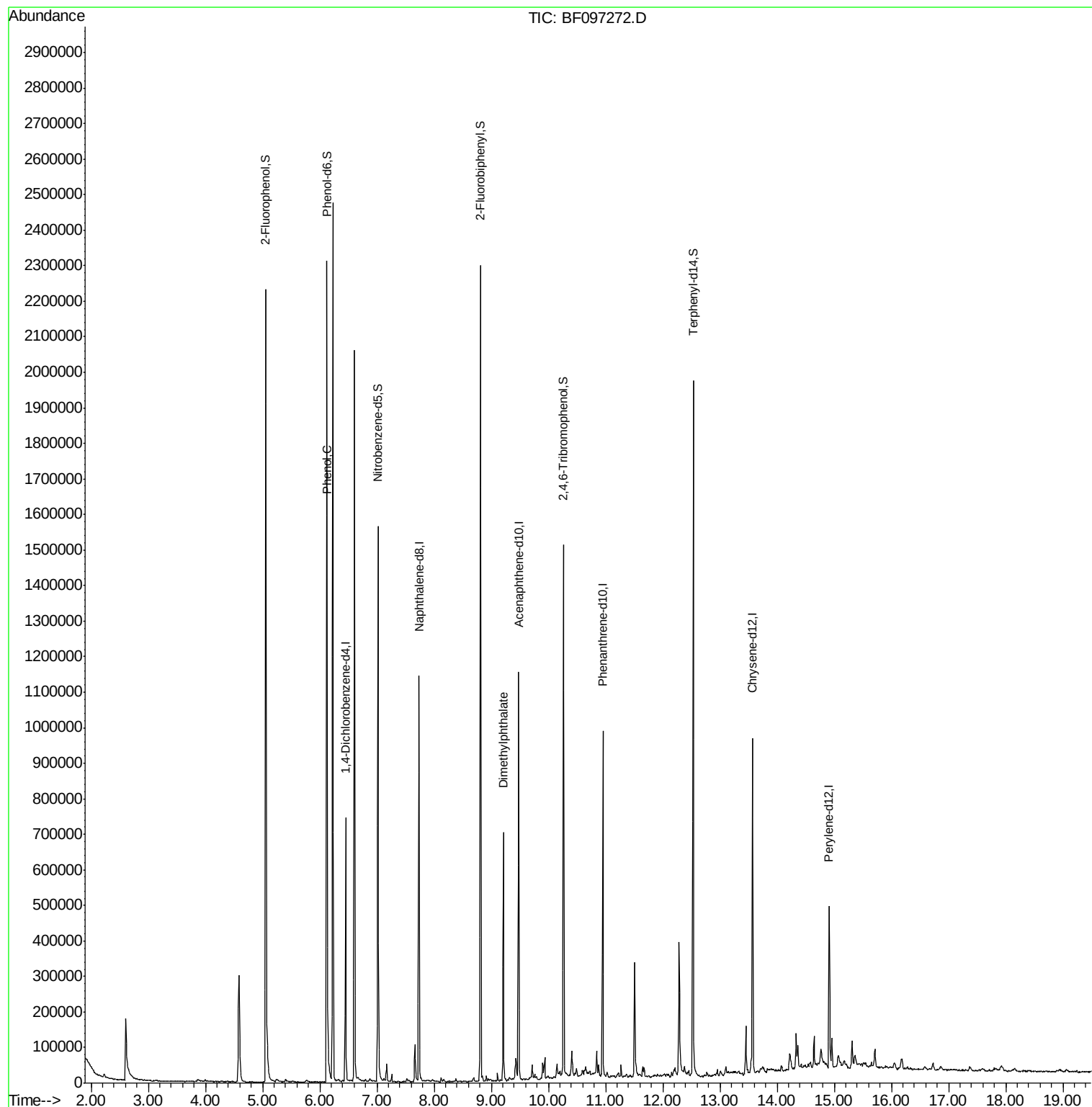
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	113045	20.00	ng	-0.01
21) Naphthalene-d8	7.73	136	499092	20.00	ng	-0.02
38) Acenaphthene-d10	9.47	164	212772	20.00	ng	-0.02
63) Phenanthrene-d10	10.95	188	349869	20.00	ng	-0.02
75) Chrysene-d12	13.57	240	295578	20.00	ng	-0.02
86) Perylene-d12	14.92	264	189183	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	708764	94.52	ng	-0.01
7) Phenol-d6	6.12	99	817450	95.49	ng	-0.02
23) Nitrobenzene-d5	7.02	82	496511	58.36	ng	-0.02
41) 2,4,6-Tribromophenol	10.26	330	163791	97.43	ng	-0.02
44) 2-Fluorobiphenyl	8.81	172	711279	56.73	ng	-0.02
78) Terphenyl-d14	12.53	244	605630	41.78	ng	-0.02
Target Compounds						
10) Phenol	6.13	94	35843	3.530	ng	97
49) Dimethylphthalate	9.21	163	253028	15.660	ng	98

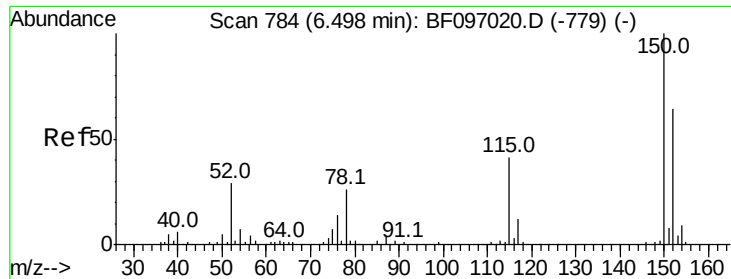
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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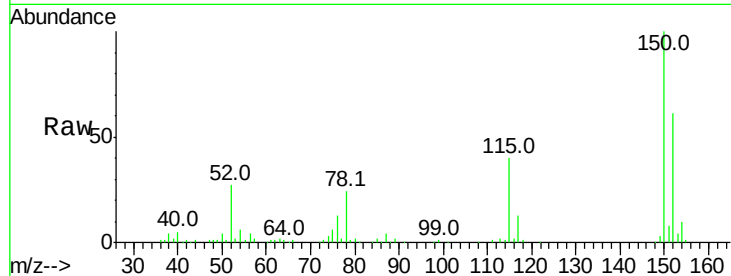


#1

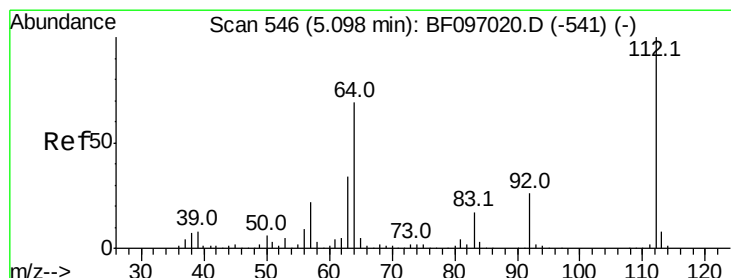
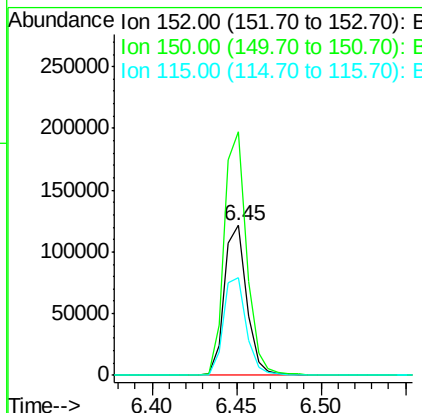
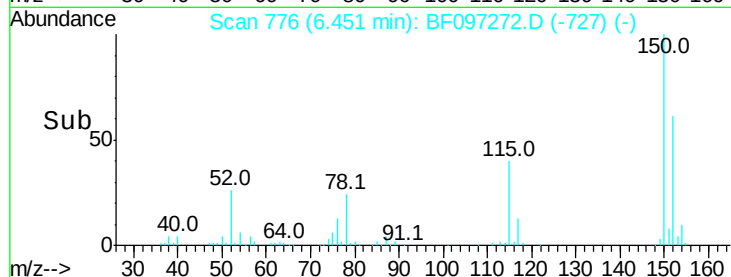
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.45 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF097272.D
Acq: 2 Aug 2017 14:42

Instrument :
BNA_F
ClientSampleId :
TP-6

Tot Ion:152 Resp: 113045
Ion Ratio Lower Upper
152 100
150 162.6 126.2 189.2
115 64.9 52.2 78.2



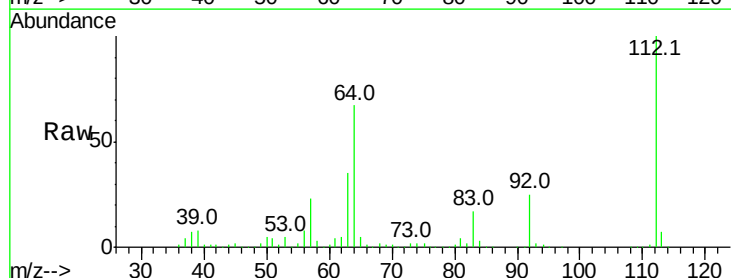
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



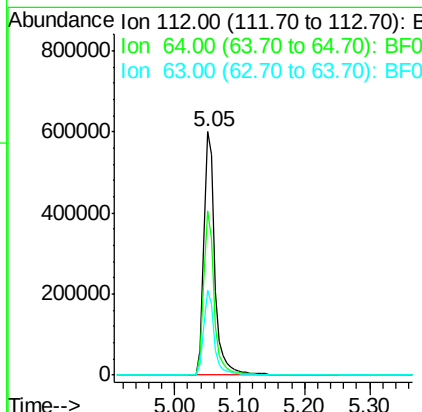
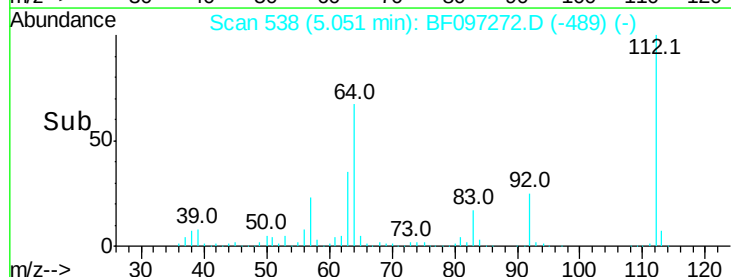
#5

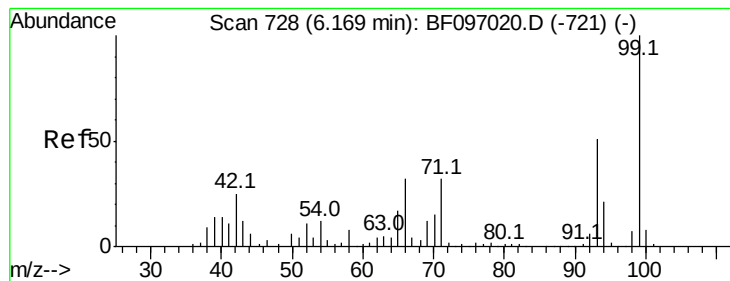
2-Fluorophenol
Concen: 94.516 ng
RT: 5.05 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF097272.D
Acq: 2 Aug 2017 14:42

Tgt Ion:112 Resp: 708764
Ion Ratio Lower Upper
112 100
64 67.4 46.0 69.0
63 34.7 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: 95.487 ng

RT: 6.12 min Scan# 720

Delta R.T. -0.02 min

Lab File: BF097272.D

Acq: 2 Aug 2017 14:42

Instrument :

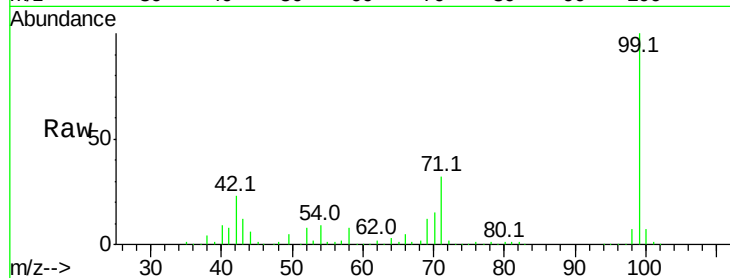
BNA_F

ClientSampleId :

TP-6

Tot Ion: 99 Resp: 817450

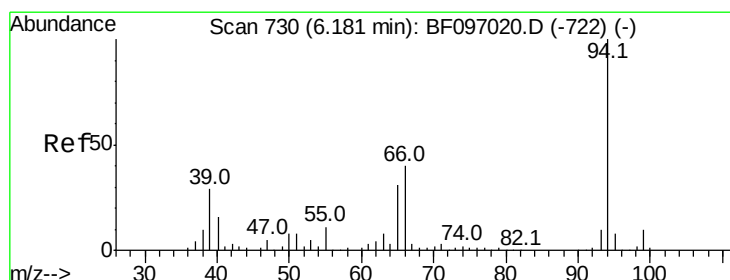
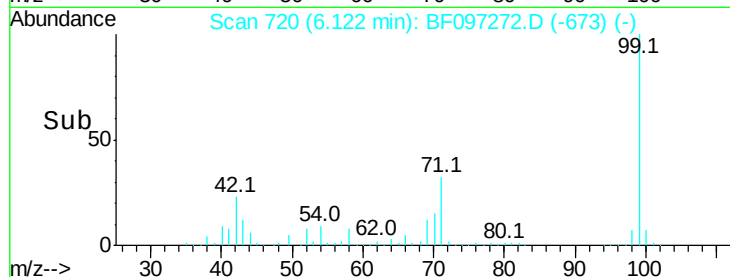
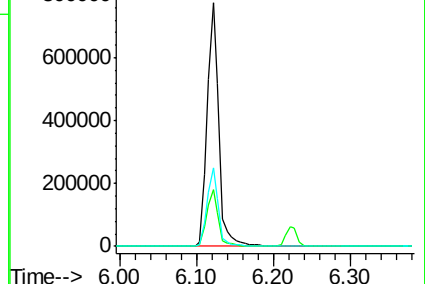
Ion	Ratio	Lower	Upper
99	100		
42	23.1	13.5	20.3#
71	32.2	24.5	36.7



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: 3.530 ng

RT: 6.13 min Scan# 722

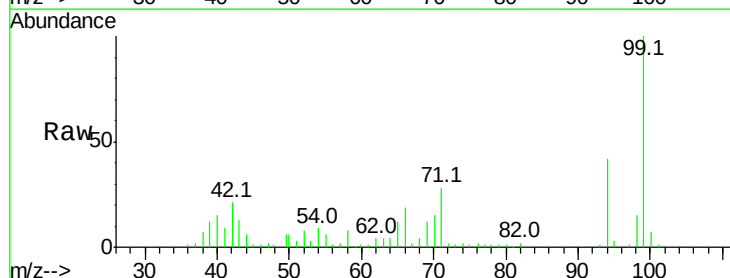
Delta R.T. -0.02 min

Lab File: BF097272.D

Acq: 2 Aug 2017 14:42

Tgt Ion: 94 Resp: 35843

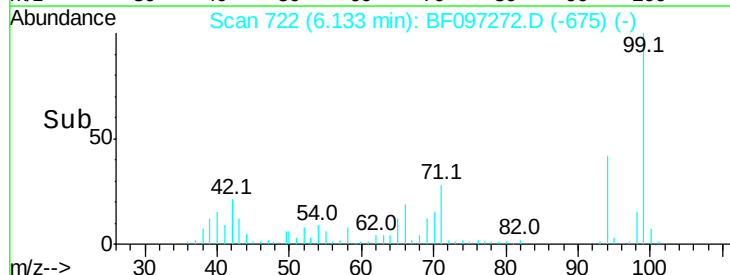
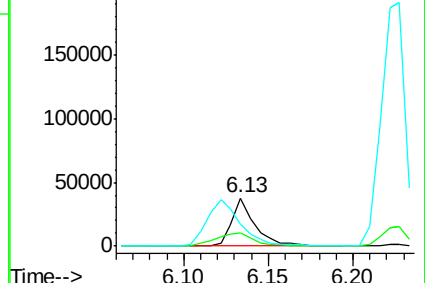
Ion	Ratio	Lower	Upper
94	100		
65	28.4	9.9	49.9
66	45.2	23.1	63.1

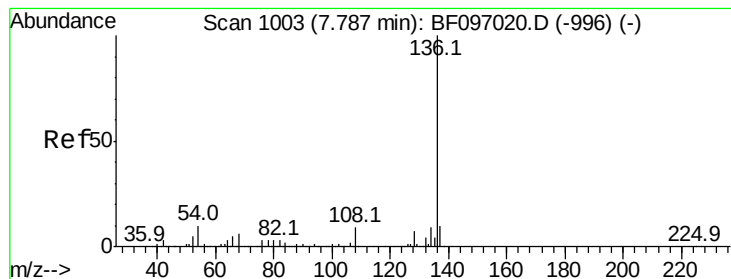


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 7.73 min Scan# 994

Delta R.T. -0.02 min

Lab File: BF097272.D

Acq: 2 Aug 2017 14:42

Instrument :

BNA_F

ClientSampleId :

TP-6

Tot Ion:136 Resp: 499092

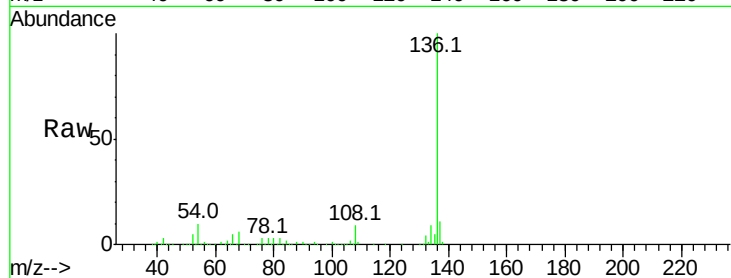
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 10.3 4.9 7.3#

68 5.9 4.1 6.1

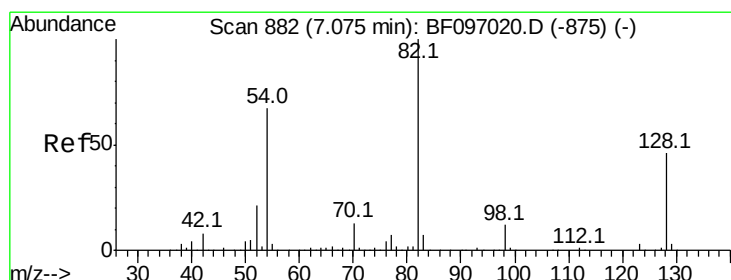
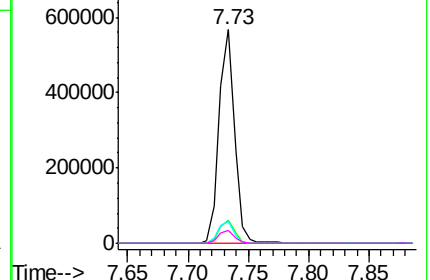
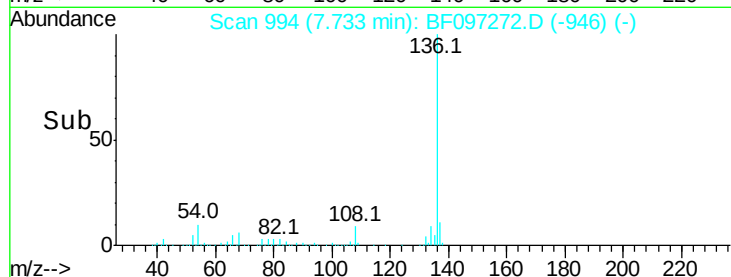


Abundance Ion 136.00 (135.70 to 136.70): E

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: 58.361 ng

RT: 7.02 min Scan# 873

Delta R.T. -0.02 min

Lab File: BF097272.D

Acq: 2 Aug 2017 14:42

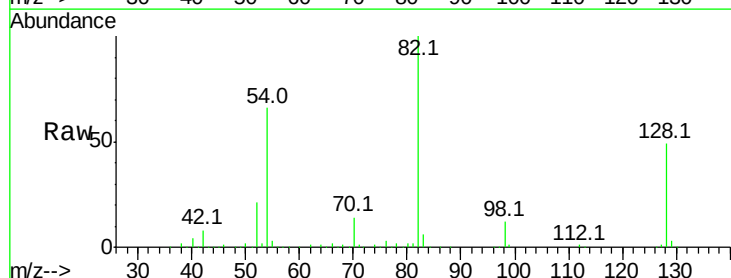
Tgt Ion: 82 Resp: 496511

Ion Ratio Lower Upper

82 100

128 49.1 34.0 51.0

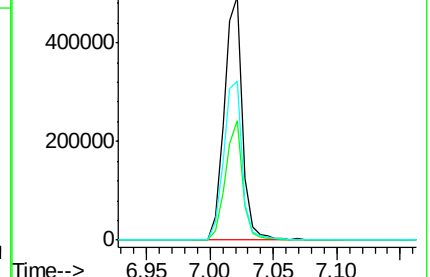
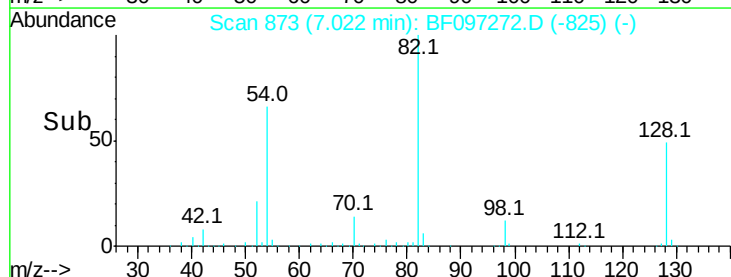
54 65.6 42.2 63.2#

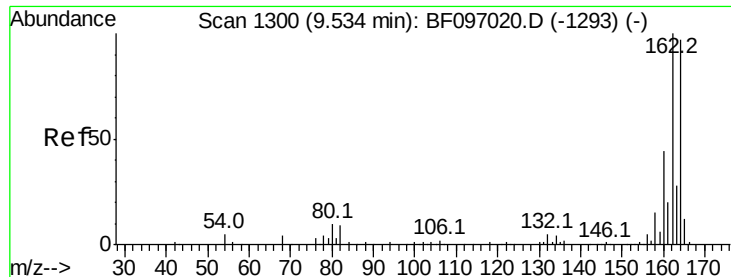


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.47 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BF097272.D

Acq: 2 Aug 2017 14:42

Instrument :

BNA_F

ClientSampleId :

TP-6

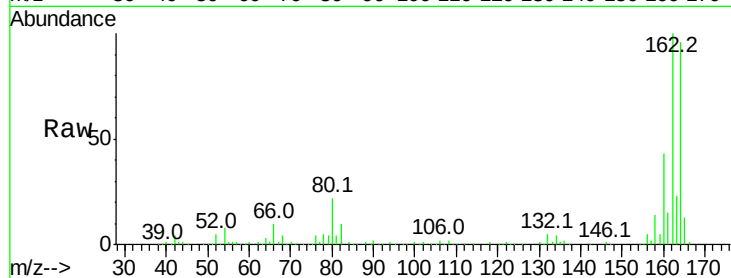
Tot Ion:164 Resp: 212772

Ion Ratio Lower Upper

164 100

162 103.9 82.6 123.8

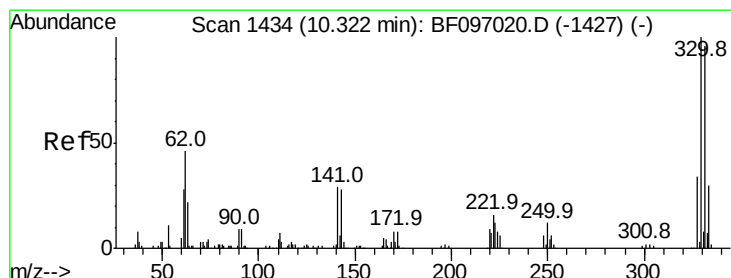
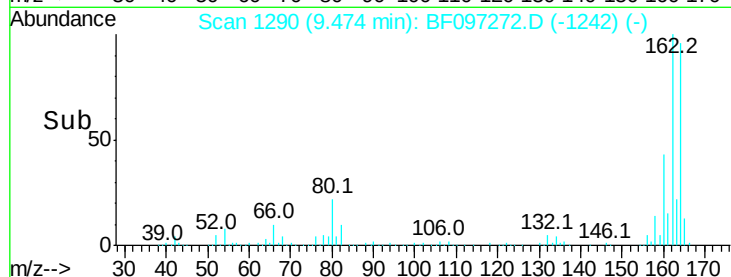
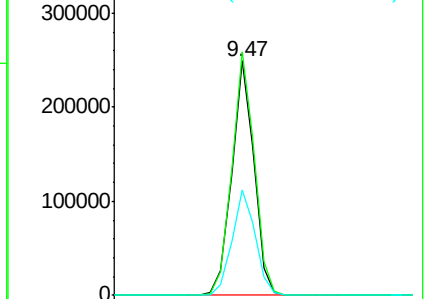
160 45.2 36.2 54.2



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: 97.431 ng

RT: 10.26 min Scan# 1424

Delta R.T. -0.02 min

Lab File: BF097272.D

Acq: 2 Aug 2017 14:42

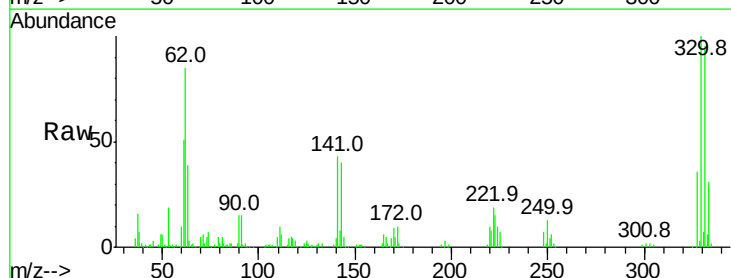
Tgt Ion:330 Resp: 163791

Ion Ratio Lower Upper

330 100

332 96.2 76.6 115.0

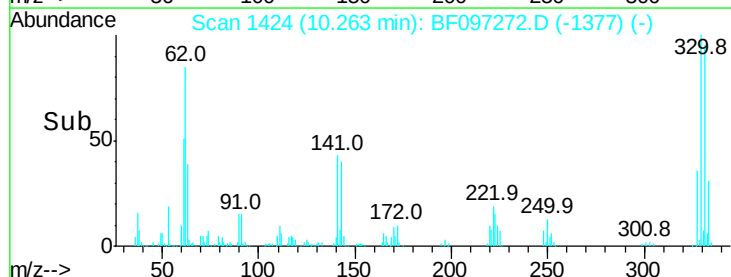
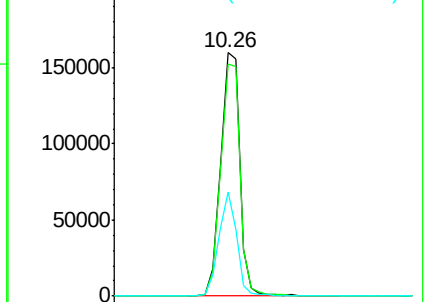
141 39.5 31.4 47.2

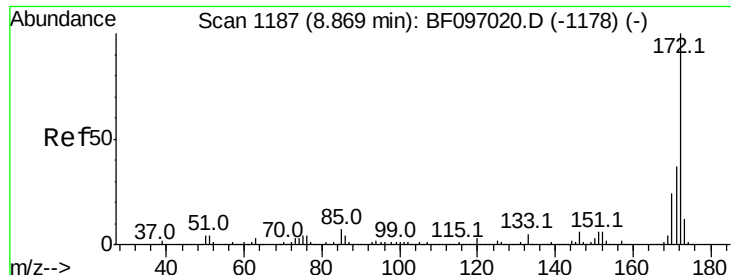


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

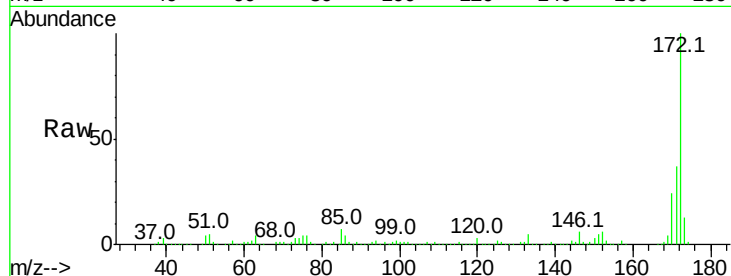




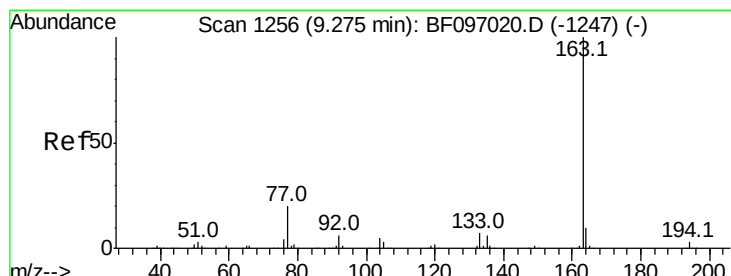
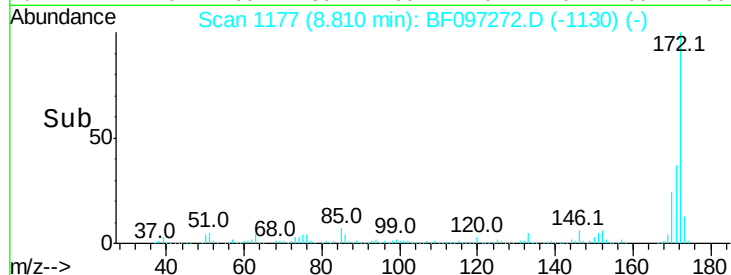
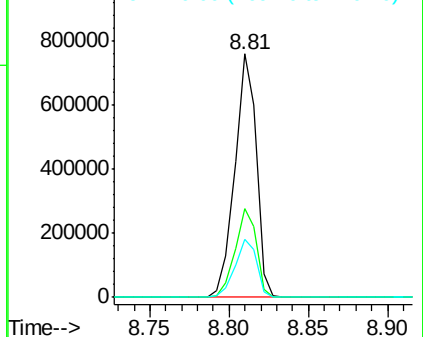
#44
 2-Fluorobiphenyl
 Concen: 56.733 ng
 RT: 8.81 min Scan# 1177
 Delta R.T. -0.02 min
 Lab File: BF097272.D
 Acq: 2 Aug 2017 14:42

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.0	19.8	29.8

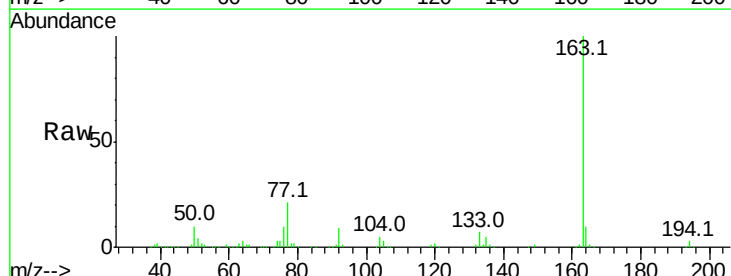


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

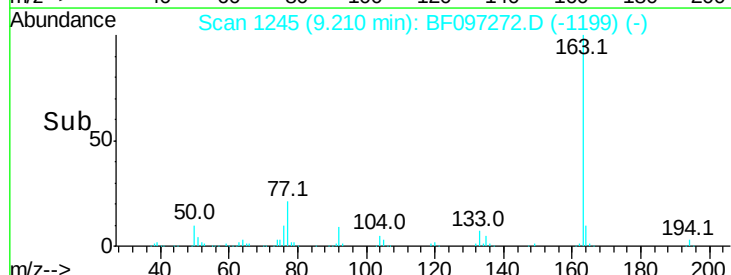
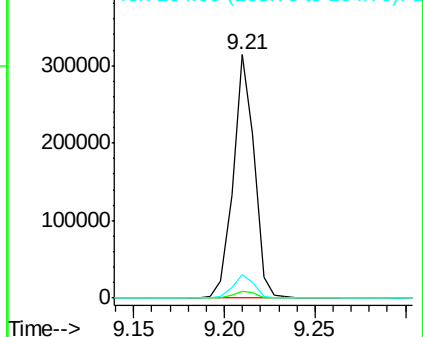


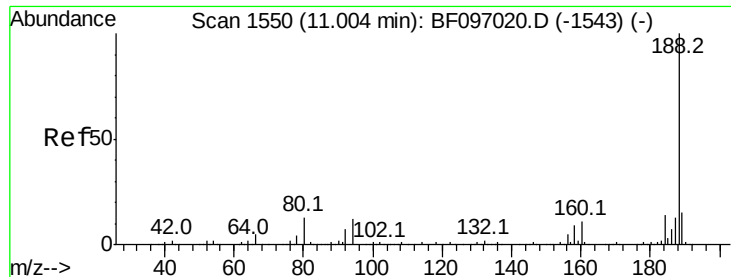
#49
 Dimethylphthalate
 Concen: 15.660 ng
 RT: 9.21 min Scan# 1245
 Delta R.T. -0.03 min
 Lab File: BF097272.D
 Acq: 2 Aug 2017 14:42

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	4.0
164	9.6	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

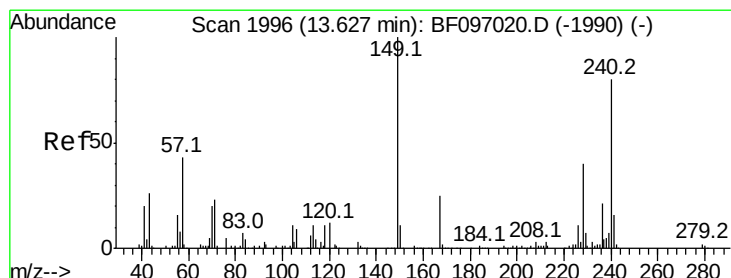
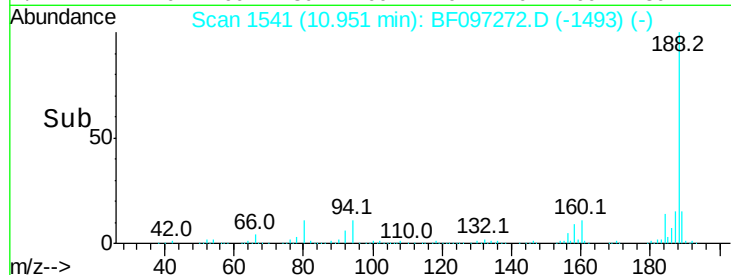
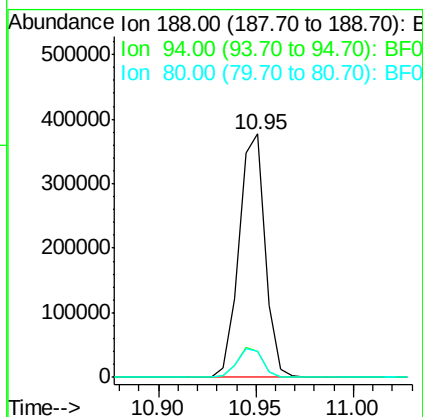
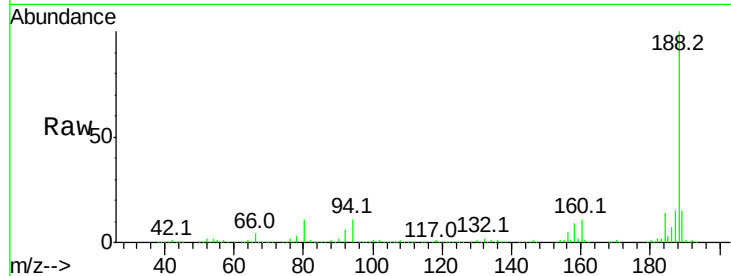




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.95 min Scan# 1541
Delta R.T. -0.02 min
Lab File: BF097272.D
Acq: 2 Aug 2017 14:42

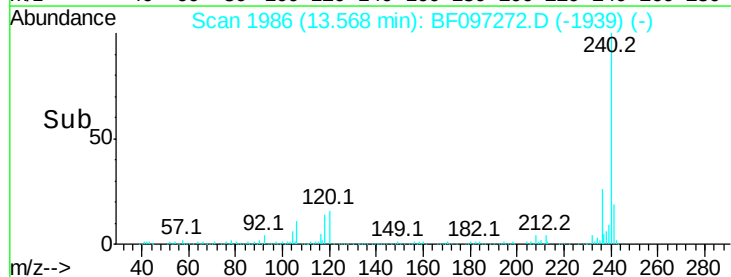
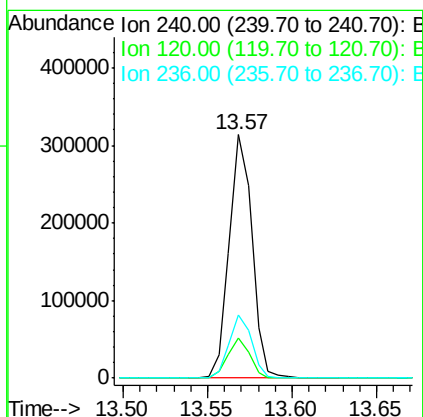
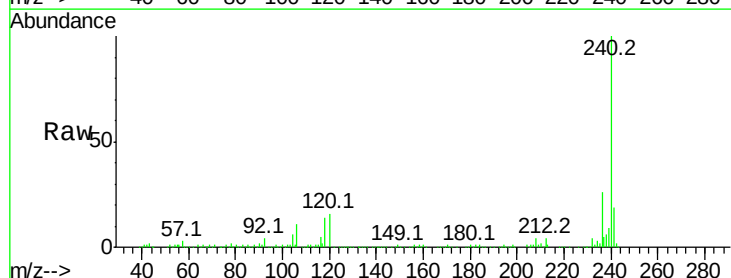
Instrument :
BNA_F
ClientSampleId :
TP-6

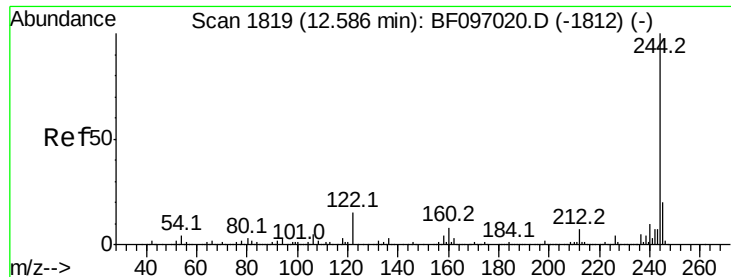
Tot Ion:188 Resp: 349869
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.2
80 10.9 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.57 min Scan# 1986
Delta R.T. -0.02 min
Lab File: BF097272.D
Acq: 2 Aug 2017 14:42

Tgt Ion:240 Resp: 295578
Ion Ratio Lower Upper
240 100
120 16.2 5.8 8.8#
236 26.1 20.5 30.7





#78

Terphenyl-d14

Concen: 41.775 ng

RT: 12.53 min Scan# 1810

Delta R.T. -0.02 min

Lab File: BF097272.D

Acq: 2 Aug 2017 14:42

Instrument :

BNA_F

ClientSampleId :

TP-6

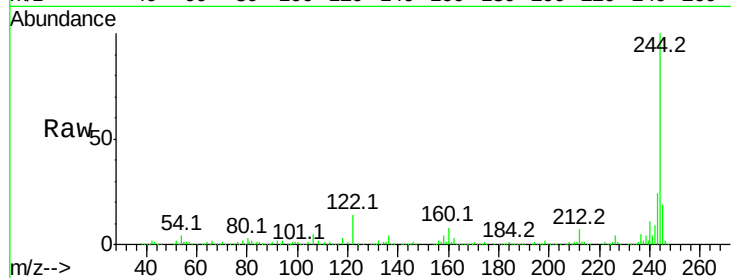
Tot Ion:244 Resp: 605630

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

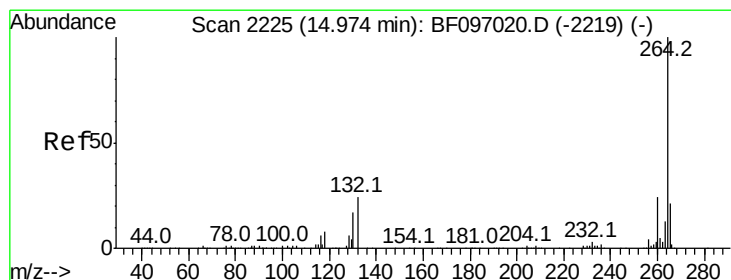
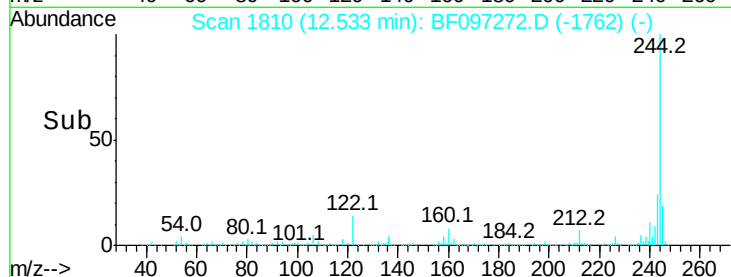
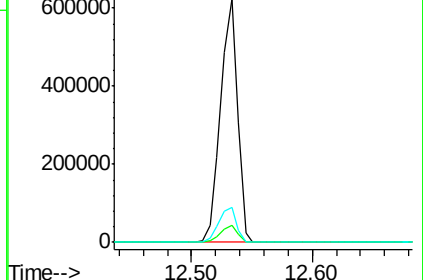
122 14.4 10.3 15.5



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: 14.92 min Scan# 2215

Delta R.T. -0.02 min

Lab File: BF097272.D

Acq: 2 Aug 2017 14:42

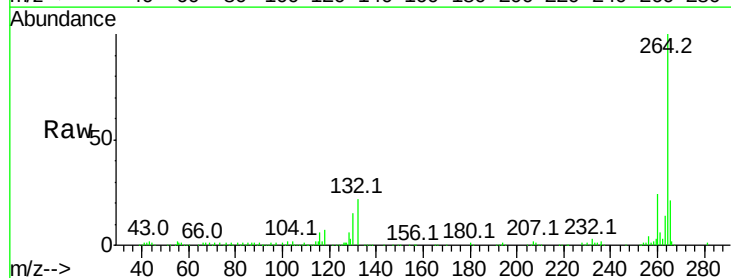
Tgt Ion:264 Resp: 189183

Ion Ratio Lower Upper

264 100

260 23.5 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

