

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
 Data File : BF097726.D
 Acq On : 16 Aug 2017 8:15
 Operator : SJ/JU
 Sample : I4703-03
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-G9-ESW

Quant Time: Aug 16 08:45:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

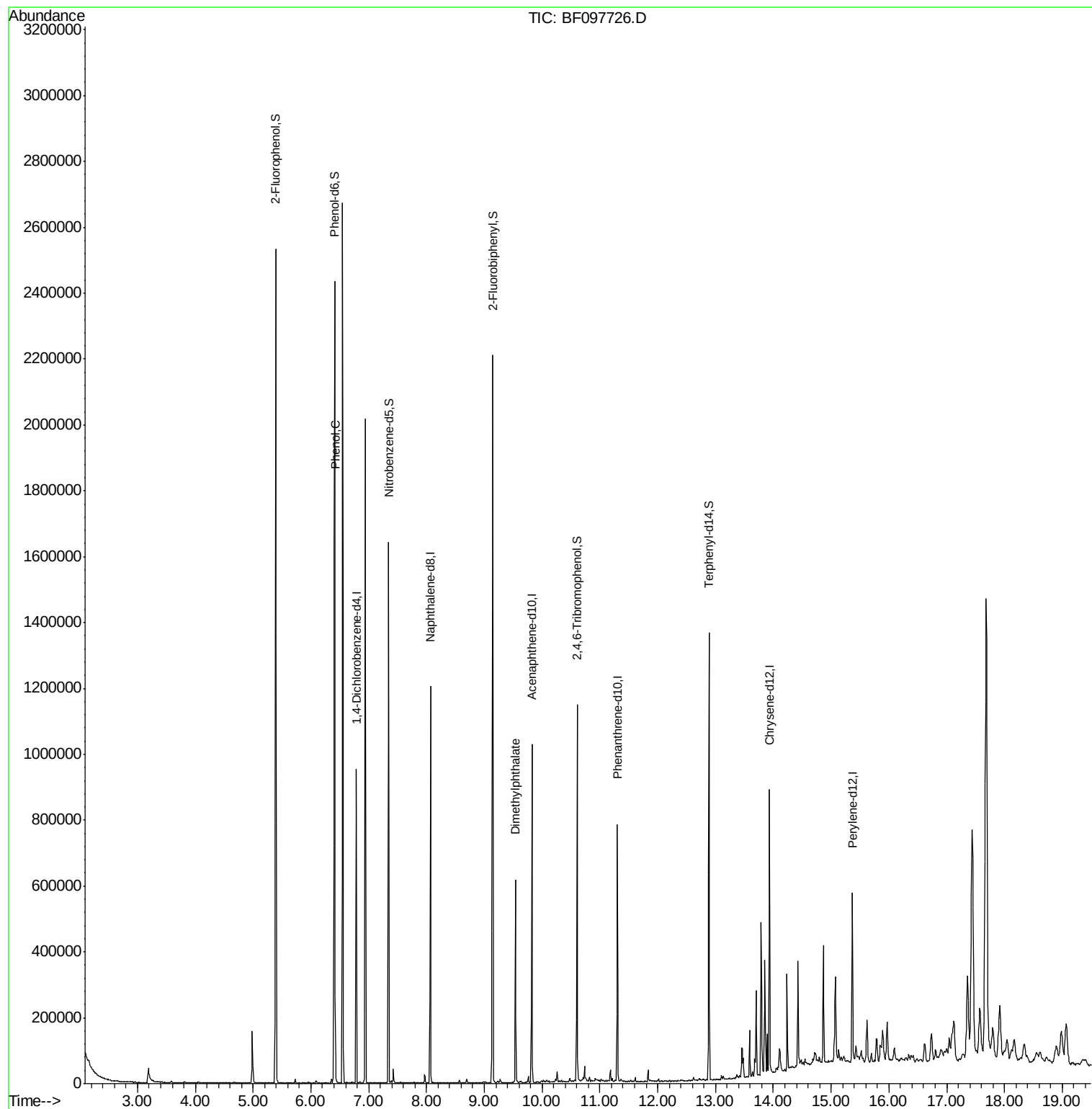
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	123179	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	466412	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	175169	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	265072	20.00	ng	0.00
75) Chrysene-d12	13.94	240	277605	20.00	ng	0.00
86) Perylene-d12	15.37	264	211351	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	682048	84.22	ng	0.00
7) Phenol-d6	6.41	99	891618	81.03	ng	0.00
23) Nitrobenzene-d5	7.35	82	519707	60.53	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	105073	69.13	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	596935	50.07	ng	0.00
78) Terphenyl-d14	12.89	244	372402	27.97	ng	0.00
Target Compounds						
10) Phenol	6.42	94	30108	2.340	ng	93
49) Dimethylphthalate	9.54	163	201482	15.735	ng	98

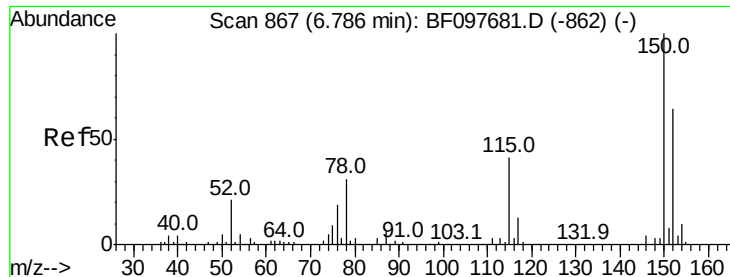
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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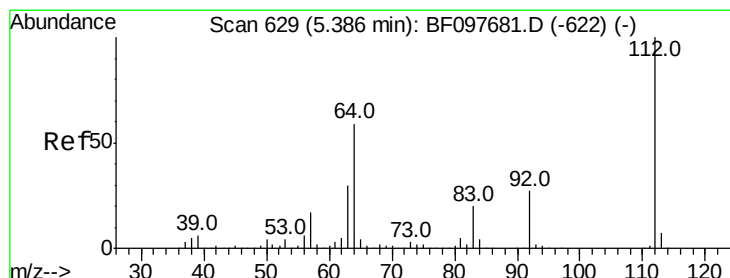
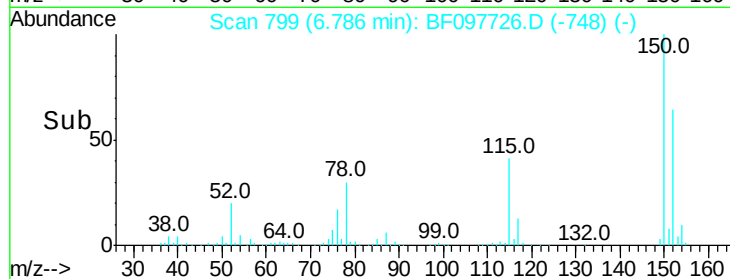
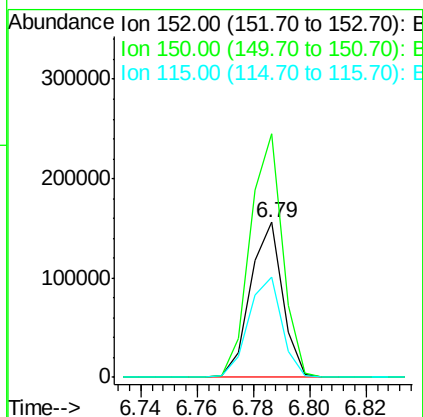
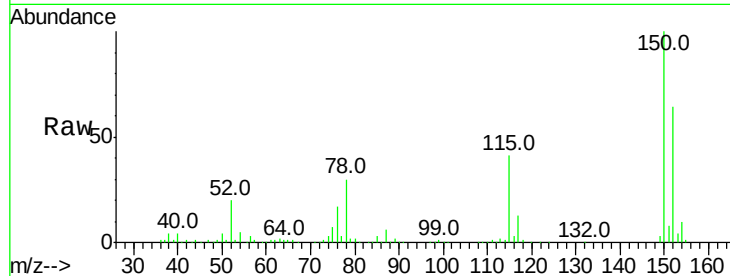


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF097726.D
Acq: 16 Aug 2017 8:15

Instrument :
BNA_F
ClientSampleId :
E2-G9-ESW

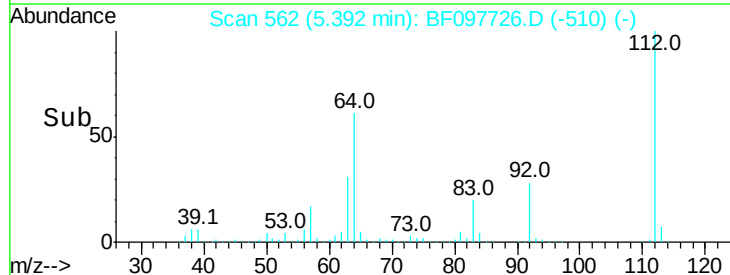
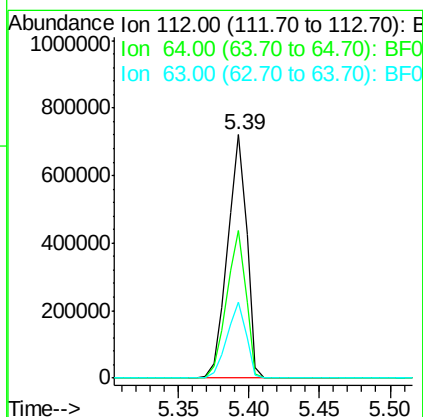
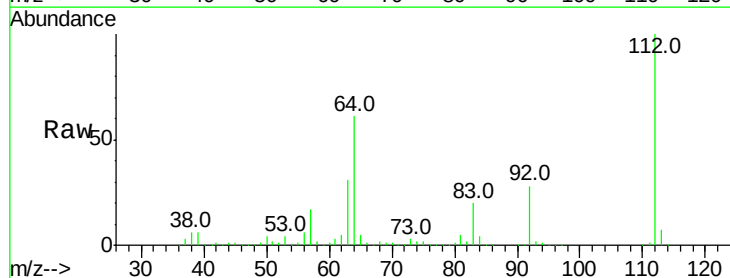
Tot Ion:152 Resp: 123179
Ion Ratio Lower Upper
152 100
150 157.1 126.2 189.2
115 64.5 52.2 78.2

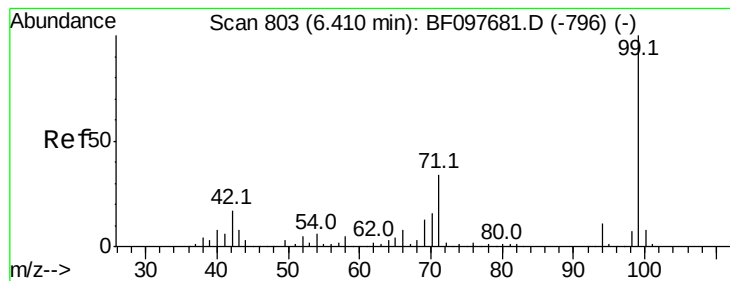


#5

2-Fluorophenol
Concen: 84.223 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF097726.D
Acq: 16 Aug 2017 8:15

Tgt Ion:112 Resp: 682048
Ion Ratio Lower Upper
112 100
64 60.9 46.0 69.0
63 31.1 23.4 35.0





#7

Phenol-d6

Concen: 81.034 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF097726.D

Acq: 16 Aug 2017 8:15

Instrument :

BNA_F

ClientSampleId :

E2-G9-ESW

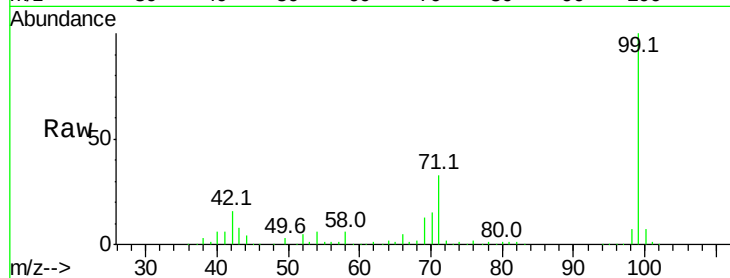
Tot Ion: 99 Resp: 891618

Ion Ratio Lower Upper

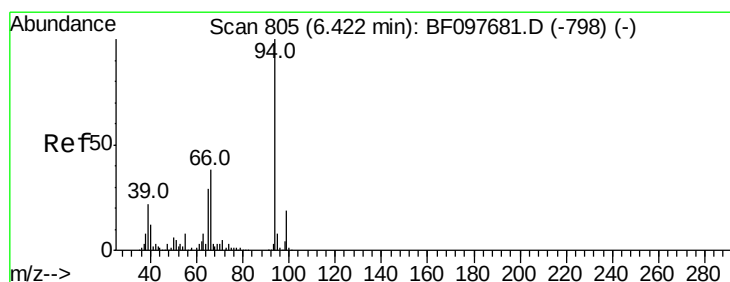
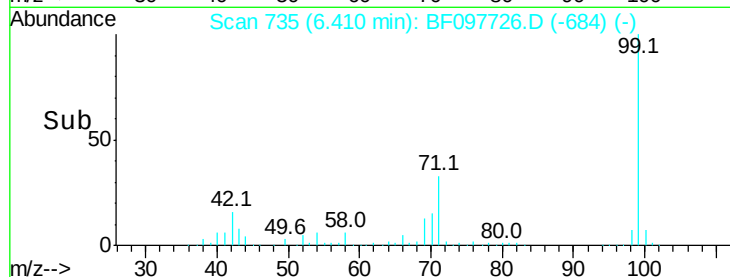
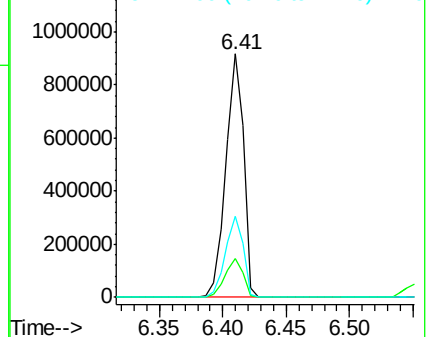
99 100

42 16.0 13.5 20.3

71 33.5 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: 2.340 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF097726.D

Acq: 16 Aug 2017 8:15

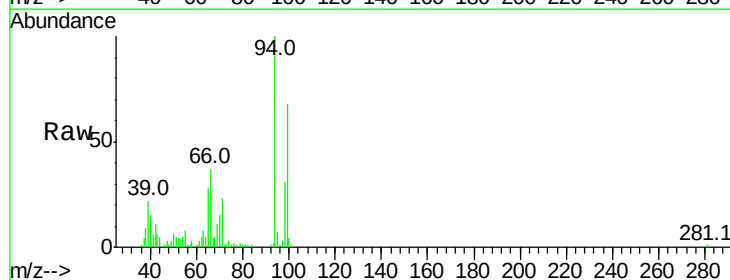
Tgt Ion: 94 Resp: 30108

Ion Ratio Lower Upper

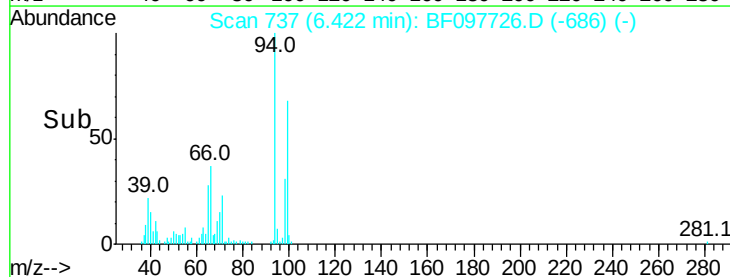
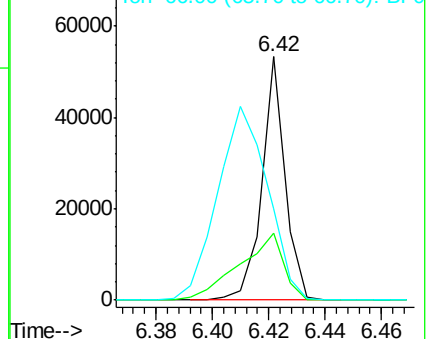
94 100

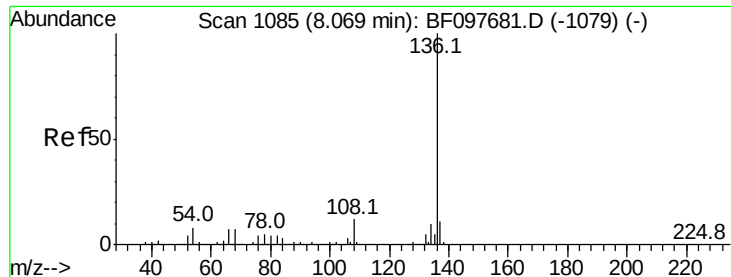
65 27.6 9.9 49.9

66 37.5 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: 8.07 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BF097726.D

Acq: 16 Aug 2017 8:15

Instrument :

BNA_F

ClientSampleId :

E2-G9-ESW

Tot Ion:136 Resp: 466412

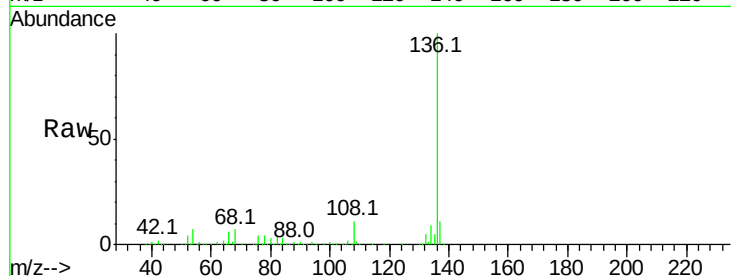
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 7.4 4.9 7.3#

68 7.0 4.1 6.1#

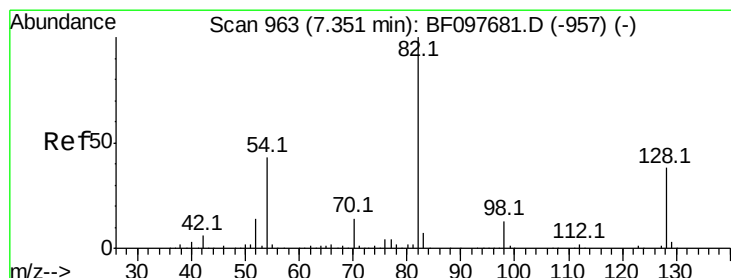
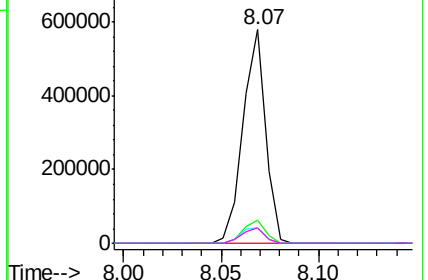
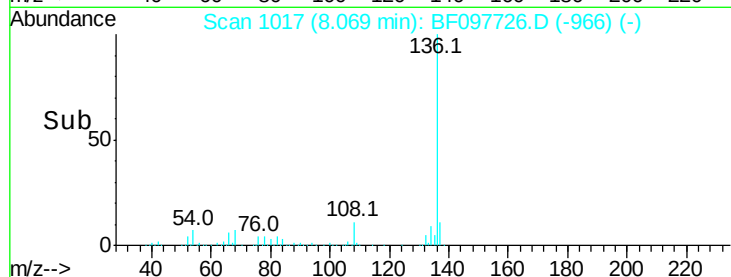


Abundance Ion 136.00 (135.70 to 136.70): E

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: 60.532 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF097726.D

Acq: 16 Aug 2017 8:15

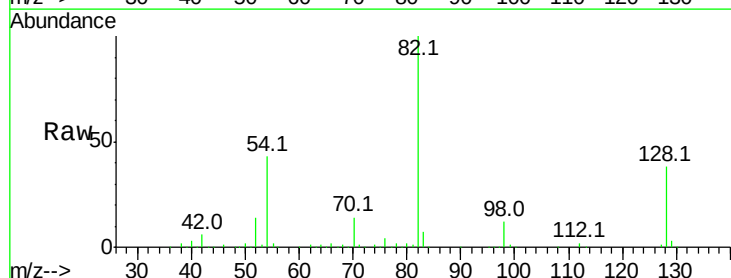
Tgt Ion: 82 Resp: 519707

Ion Ratio Lower Upper

82 100

128 37.6 34.0 51.0

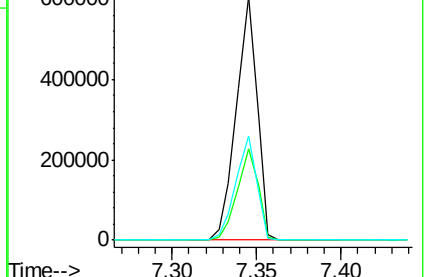
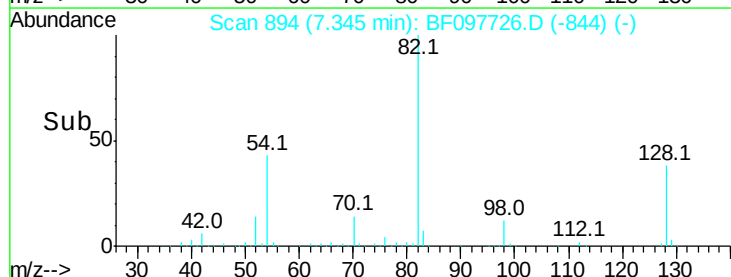
54 42.6 42.2 63.2

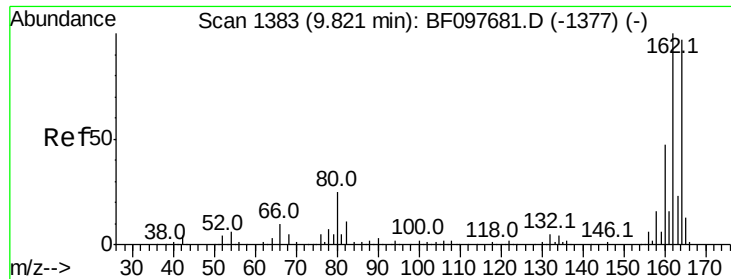


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

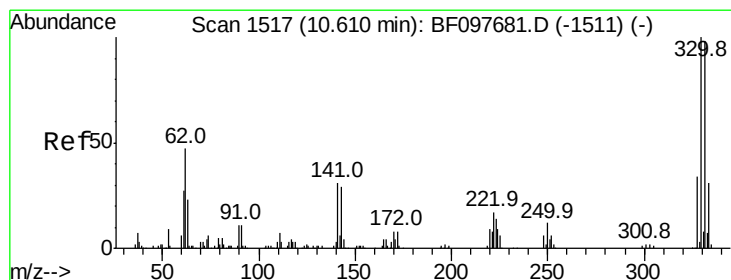
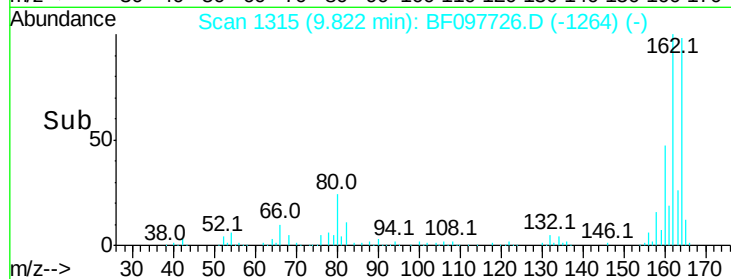
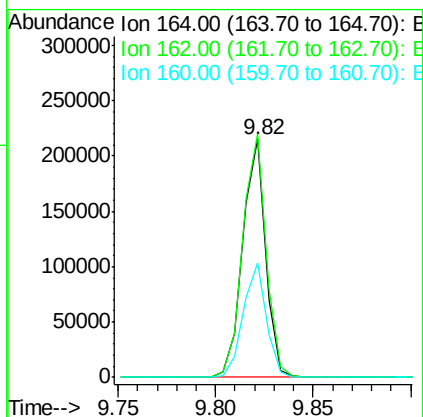
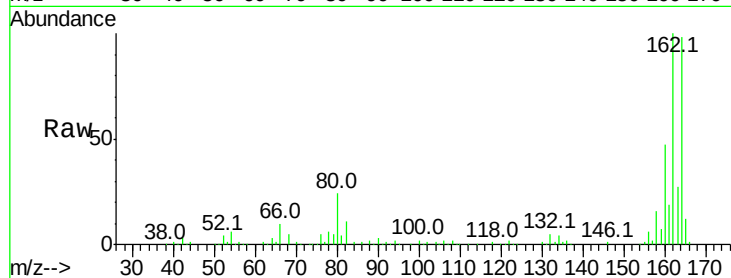




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF097726.D
Acq: 16 Aug 2017 8:15

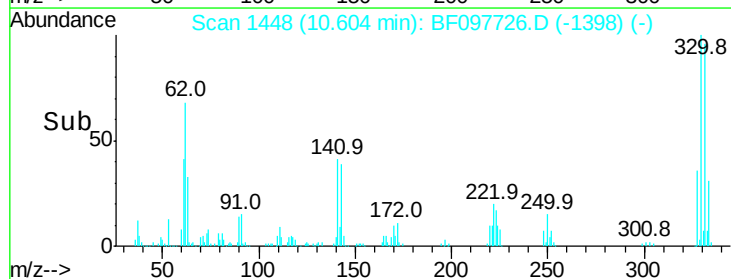
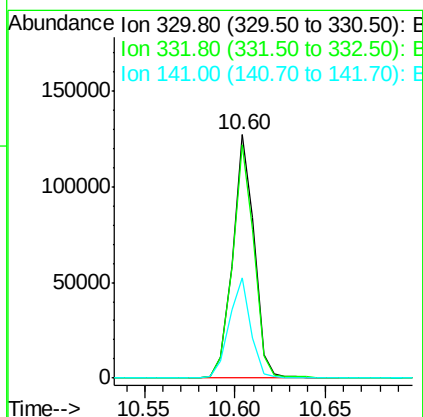
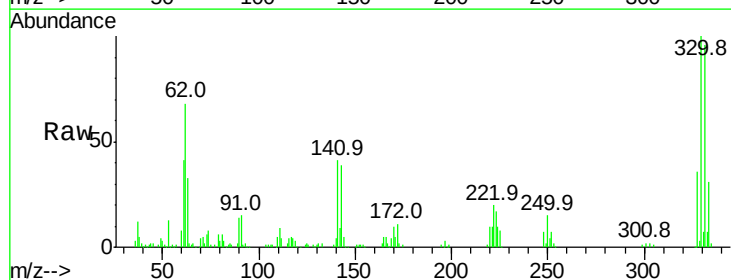
Instrument :
BNA_F
ClientSampleId :
E2-G9-ESW

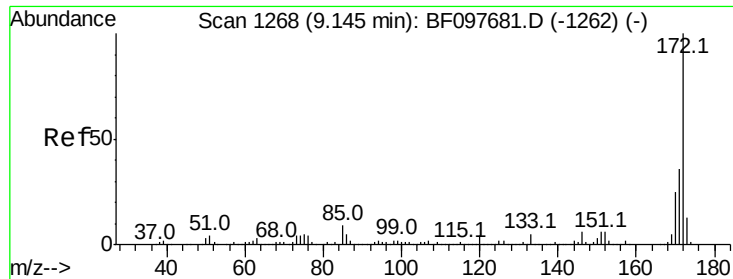
Tot Ion:164 Resp: 175169
Ion Ratio Lower Upper
164 100
162 102.1 82.6 123.8
160 47.9 36.2 54.2



#41
2,4,6-Tribromophenol
Concen: 69.133 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF097726.D
Acq: 16 Aug 2017 8:15

Tgt Ion:330 Resp: 105073
Ion Ratio Lower Upper
330 100
332 95.8 76.6 115.0
141 41.3 31.4 47.2

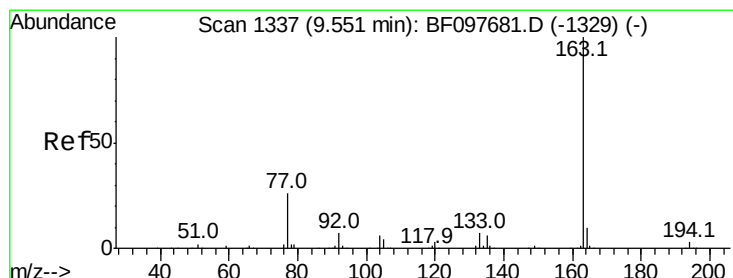
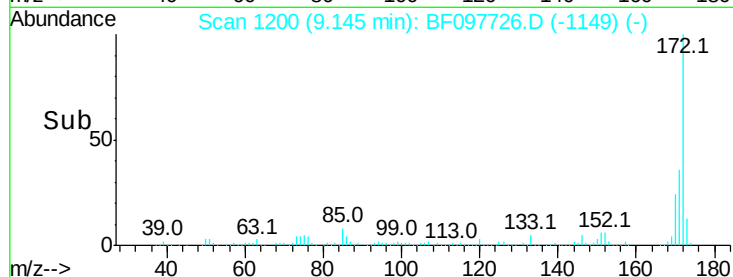
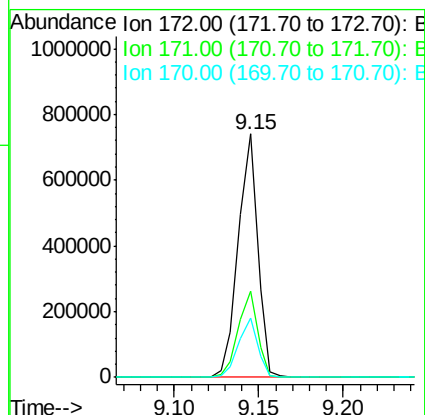
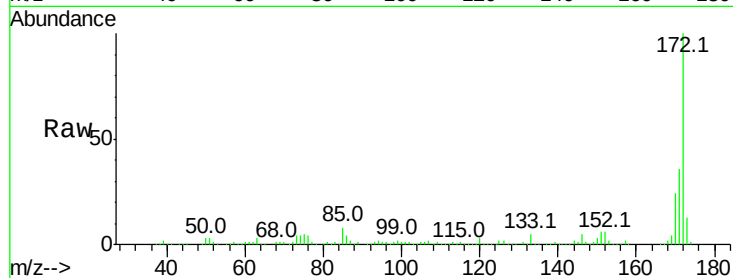




#44
 2-Fluorobiphenyl
 Concen: 50.067 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF097726.D
 Acq: 16 Aug 2017 8:15

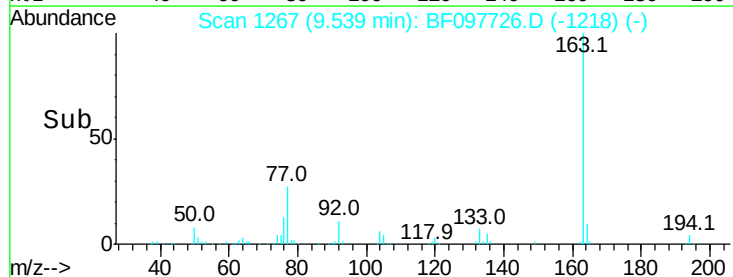
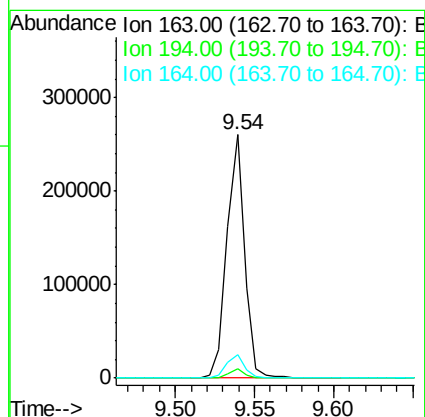
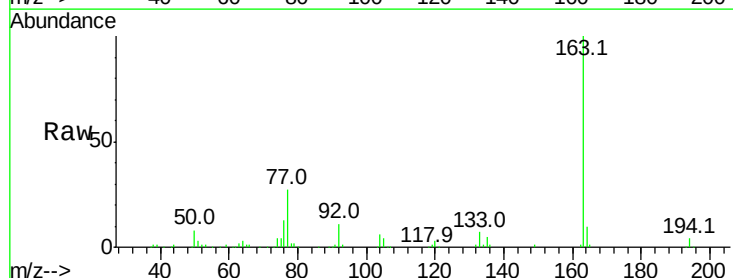
Instrument :
 BNA_F
 ClientSampleId :
 E2-G9-ESW

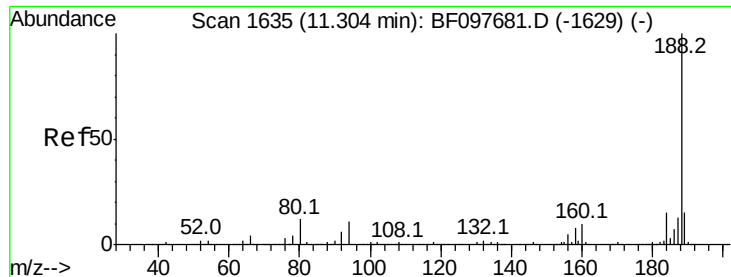
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	24.3	19.8	29.8



#49
 Dimethylphthalate
 Concen: 15.735 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF097726.D
 Acq: 16 Aug 2017 8:15

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	9.7	8.4	12.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.30 min Scan# 1567

Delta R.T. 0.00 min

Lab File: BF097726.D

Acq: 16 Aug 2017 8:15

Instrument :

BNA_F

ClientSampleId :

E2-G9-ESW

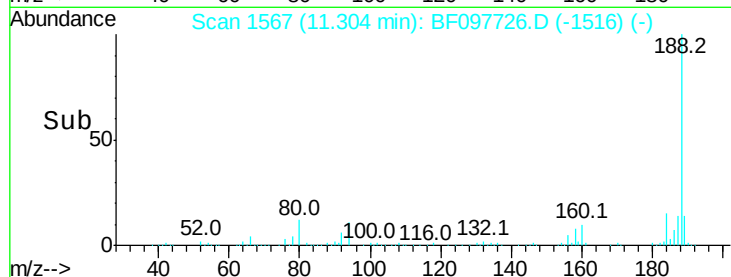
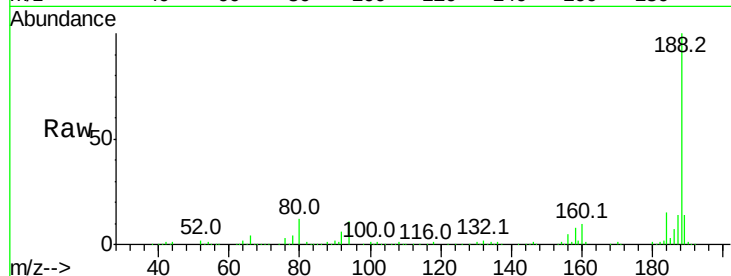
Tot Ion:188 Resp: 265072

Ion Ratio Lower Upper

188 100

94 10.9 9.4 14.2

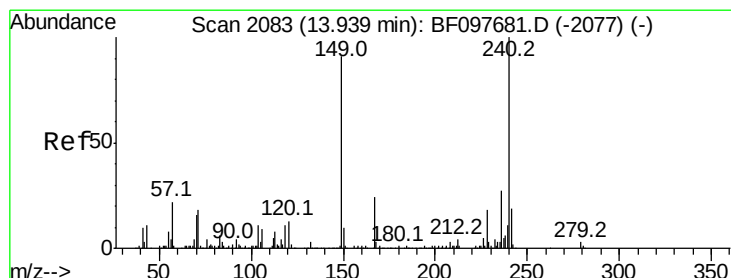
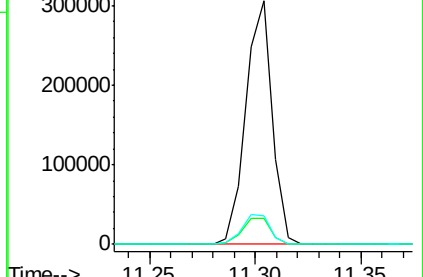
80 11.5 10.2 15.2



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: 13.94 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BF097726.D

Acq: 16 Aug 2017 8:15

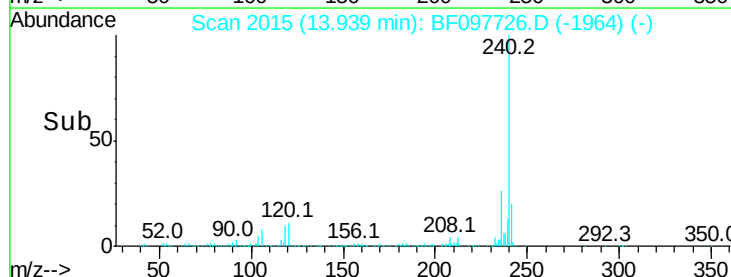
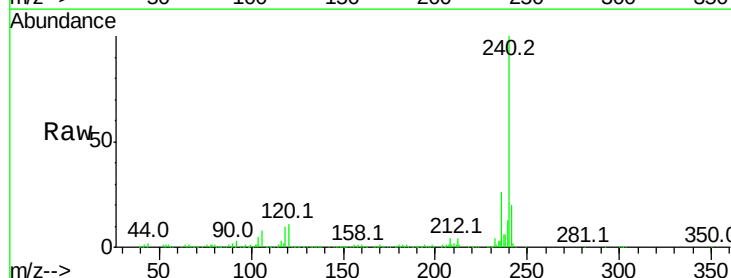
Tgt Ion:240 Resp: 277605

Ion Ratio Lower Upper

240 100

120 11.4 5.8 8.8#

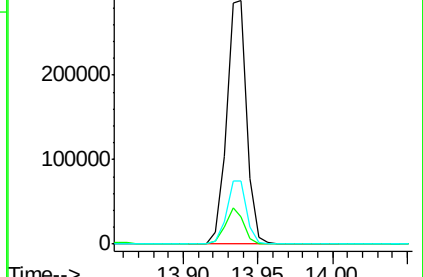
236 26.2 20.5 30.7

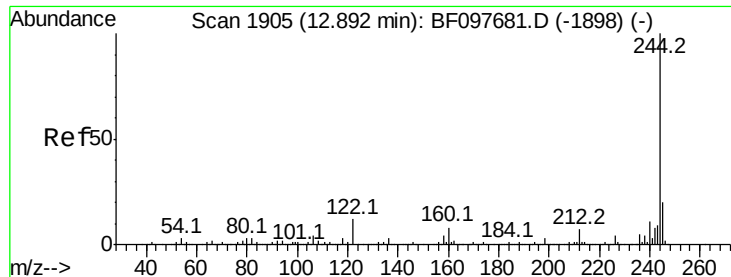


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 27.974 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF097726.D

Acq: 16 Aug 2017 8:15

Instrument :

BNA_F

ClientSampled :

E2-G9-ESW

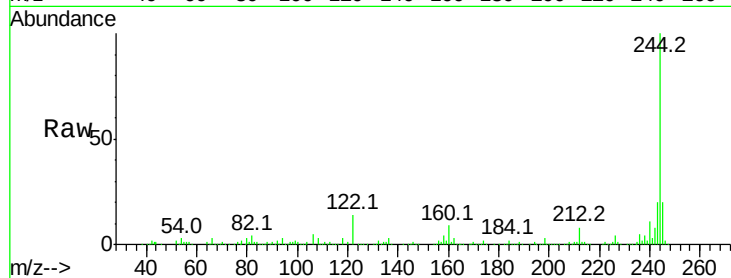
Tot Ion:244 Resp: 372402

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

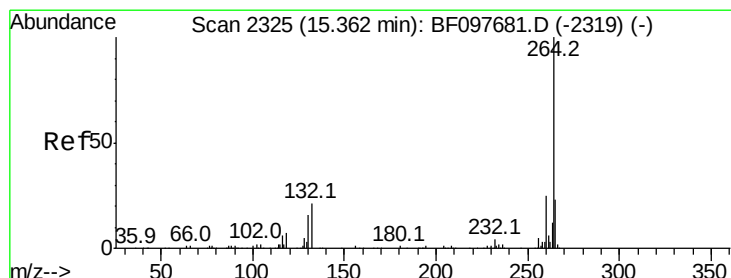
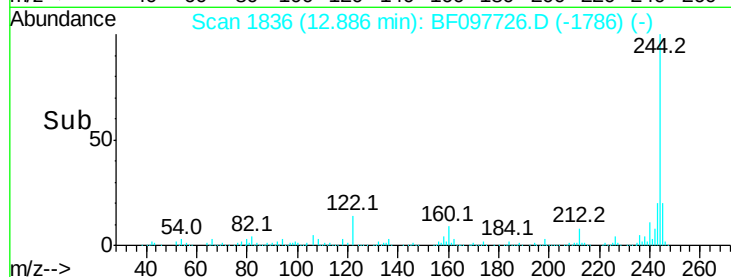
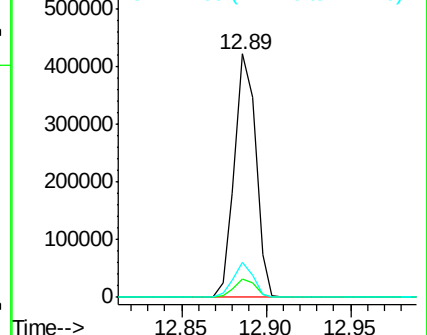
122 14.2 10.3 15.5



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: 15.37 min Scan# 2258

Delta R.T. 0.01 min

Lab File: BF097726.D

Acq: 16 Aug 2017 8:15

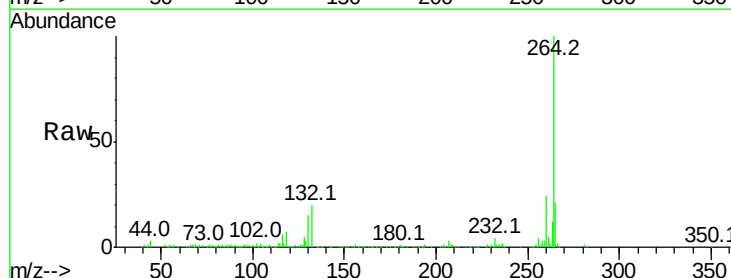
Tgt Ion:264 Resp: 211351

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

265 20.6 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

