

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
 Data File : BF097136.D
 Acq On : 27 Jul 2017 21:37
 Operator : SJ/JU
 Sample : I4422-13
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11940-COMP

Quant Time: Jul 28 01:47:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

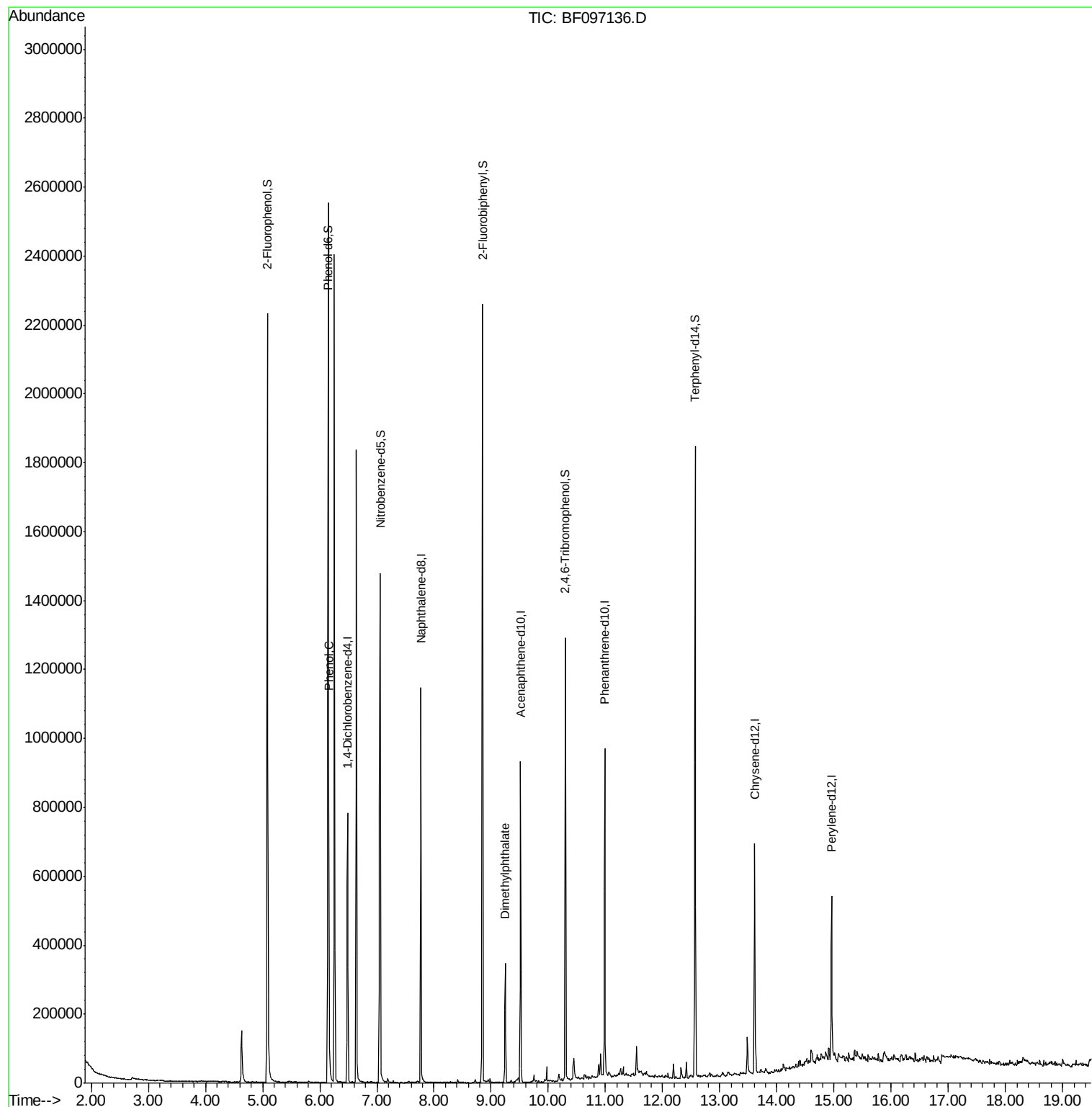
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	109707	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	479883	20.00	ng	-0.02
38) Acenaphthene-d10	9.52	164	184654	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	306314	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	206599	20.00	ng	-0.02
86) Perylene-d12	14.96	264	177991	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	684442	94.05	ng	-0.01
7) Phenol-d6	6.15	99	860556	103.58	ng	-0.02
23) Nitrobenzene-d5	7.06	82	497811	60.86	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	149511	102.48	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	791668	72.76	ng	-0.02
78) Terphenyl-d14	12.57	244	581682	57.40	ng	-0.01
Target Compounds						
10) Phenol	6.16	94	23127	2.347	ng	96
49) Dimethylphthalate	9.25	163	124428	8.874	ng	99

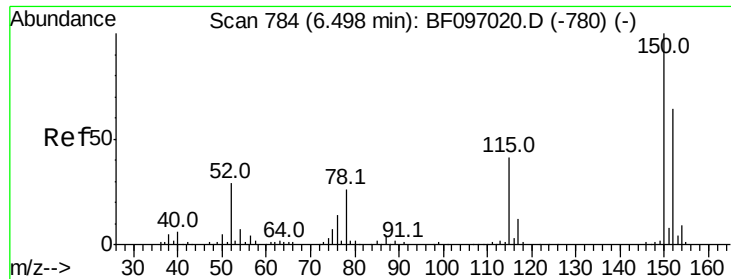
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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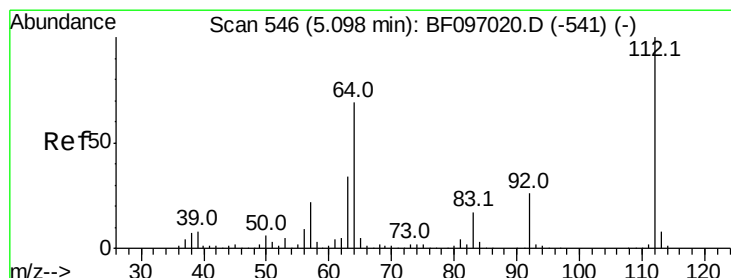
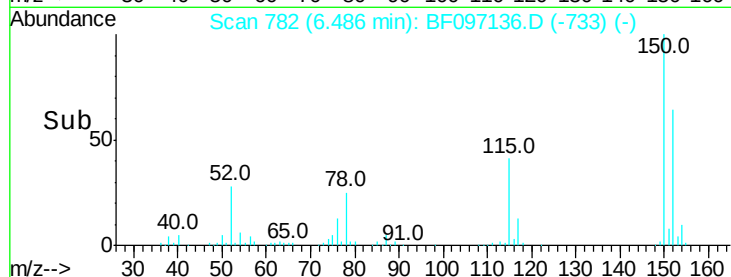
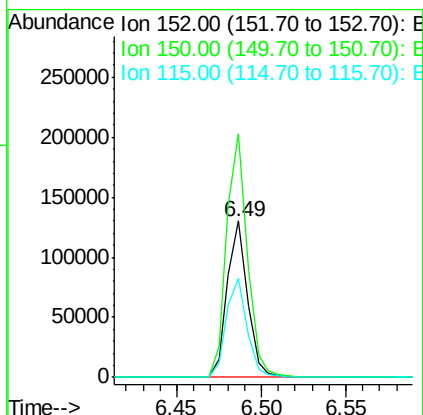
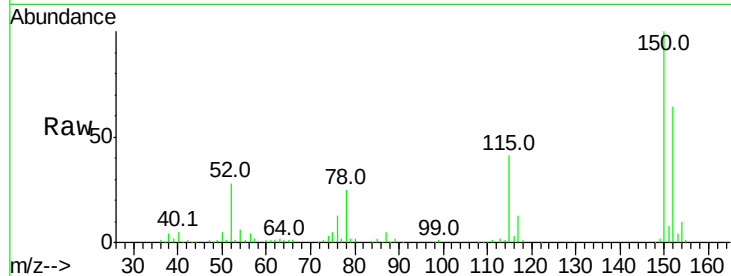


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097136.D
Acq: 27 Jul 2017 21:37

Instrument :
BNA_F
ClientSampleId :
72-11940-COMP

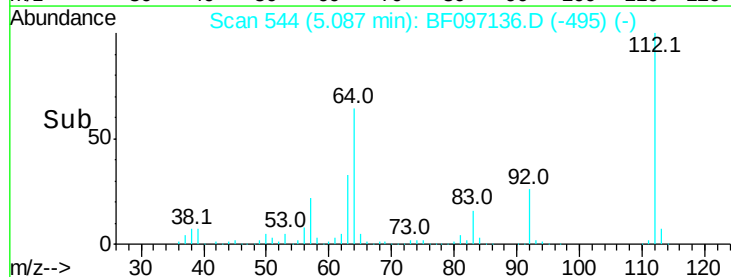
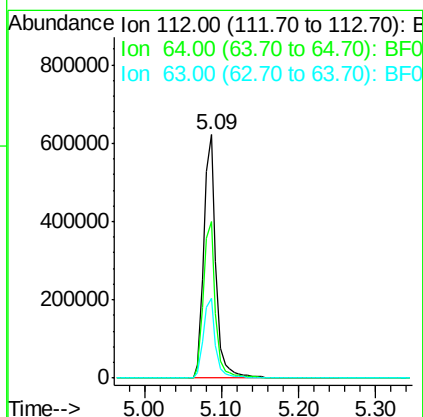
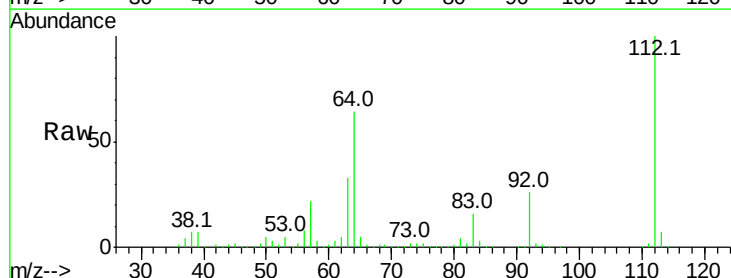
Tot Ion:152 Resp: 109707
Ion Ratio Lower Upper
152 100
150 156.0 126.2 189.2
115 63.8 52.2 78.2

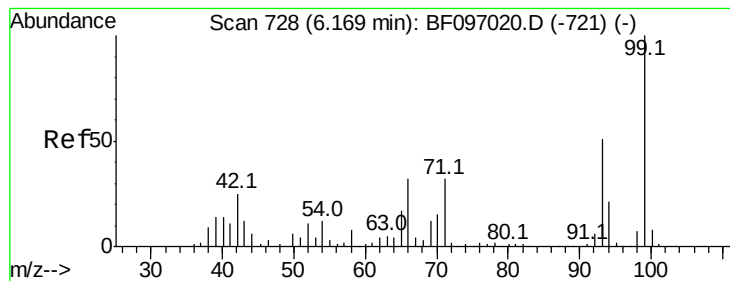


#5

2-Fluorophenol
Concen: 94.049 ng
RT: 5.09 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF097136.D
Acq: 27 Jul 2017 21:37

Tgt Ion:112 Resp: 684442
Ion Ratio Lower Upper
112 100
64 64.4 46.0 69.0
63 33.0 23.4 35.0





#7

Phenol-d6

Concen: 103.580 ng

RT: 6.15 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF097136.D

Acq: 27 Jul 2017 21:37

Instrument :

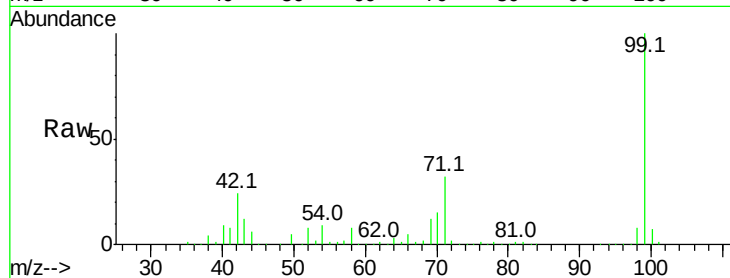
BNA_F

ClientSampleId :

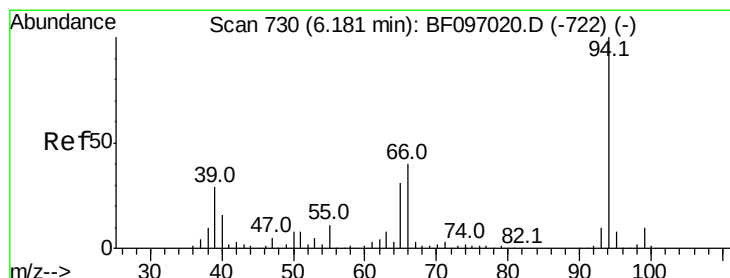
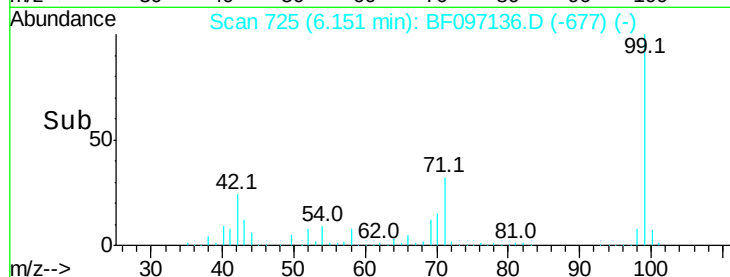
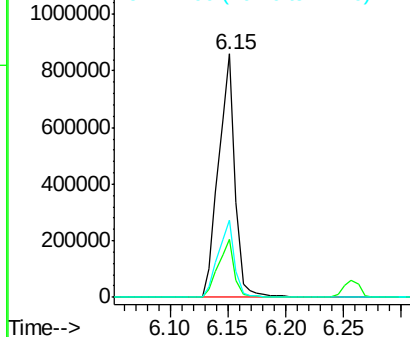
72-11940-COMP

Tot Ion: 99 Resp: 860556

Ion	Ratio	Lower	Upper
99	100		
42	23.8	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: 2.347 ng

RT: 6.16 min Scan# 727

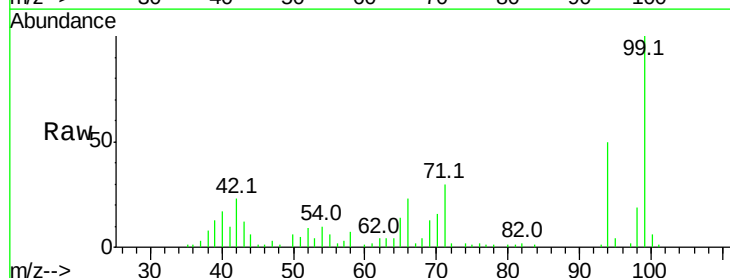
Delta R.T. -0.02 min

Lab File: BF097136.D

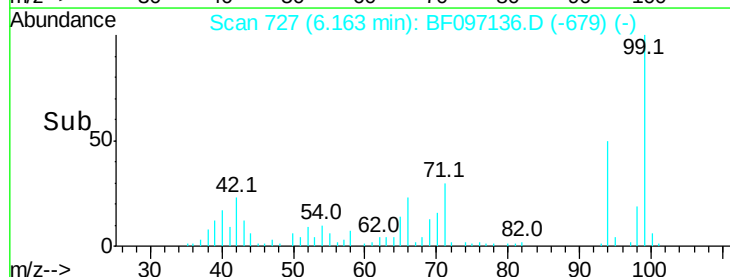
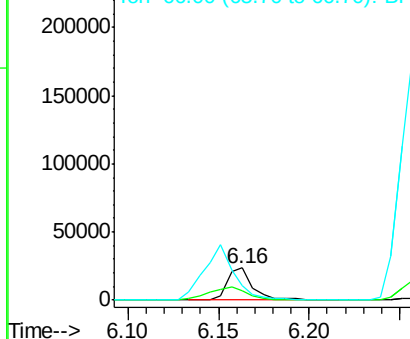
Acq: 27 Jul 2017 21:37

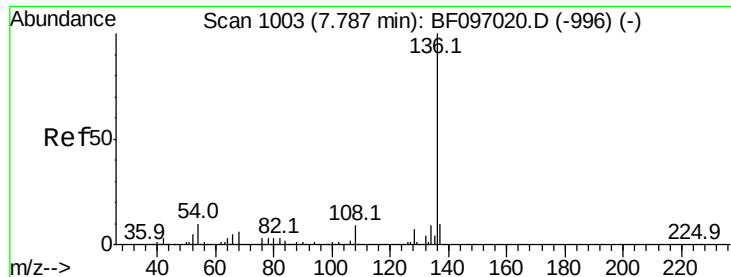
Tgt Ion: 94 Resp: 23127

Ion	Ratio	Lower	Upper
94	100		
65	27.6	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: 7.77 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF097136.D

Acq: 27 Jul 2017 21:37

Instrument :

BNA_F

ClientSampleId :

72-11940-COMP

Tot Ion:136 Resp: 479883

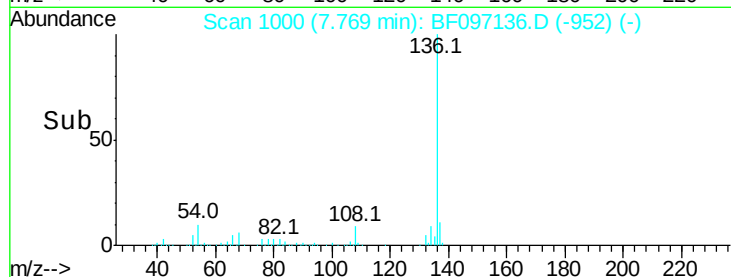
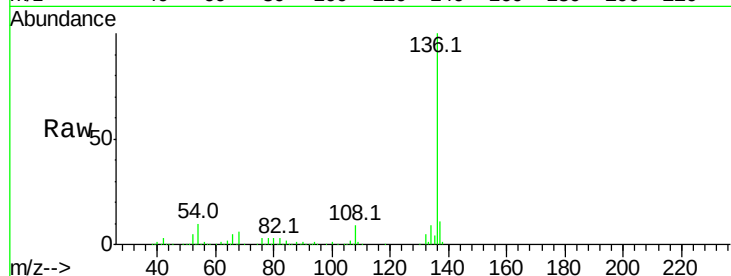
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 10.4 4.9 7.3#

68 5.8 4.1 6.1

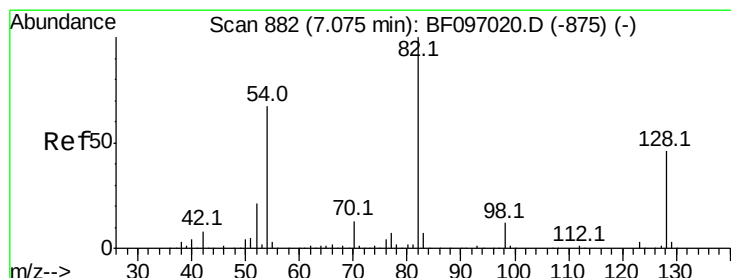
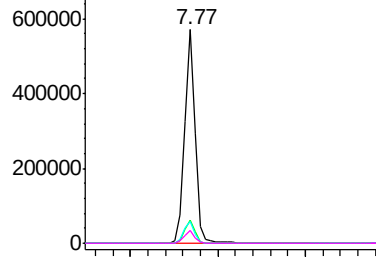


Abundance Ion 136.00 (135.70 to 136.70): E

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: 60.856 ng

RT: 7.06 min Scan# 879

Delta R.T. -0.02 min

Lab File: BF097136.D

Acq: 27 Jul 2017 21:37

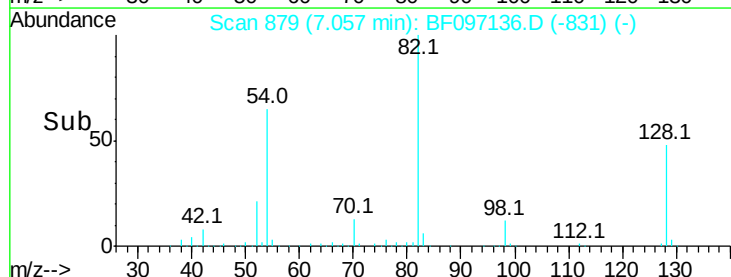
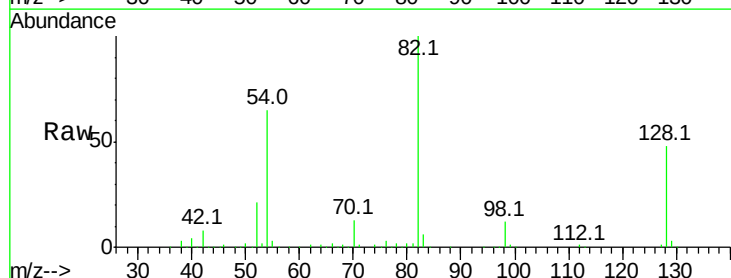
Tgt Ion: 82 Resp: 497811

Ion Ratio Lower Upper

82 100

128 48.0 34.0 51.0

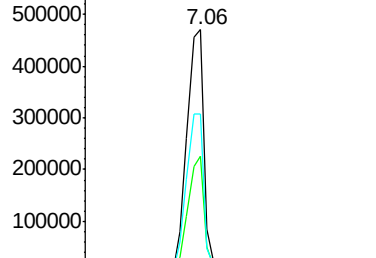
54 65.5 42.2 63.2#

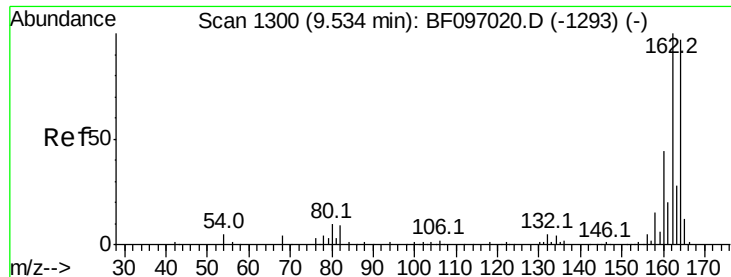


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

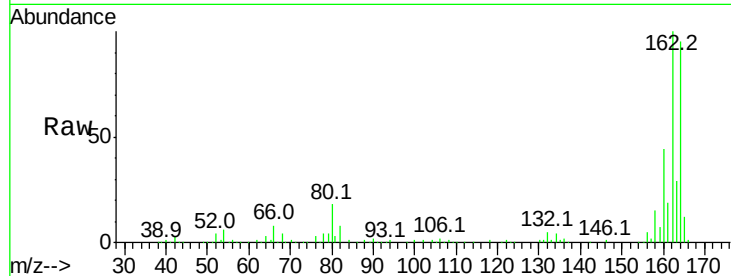




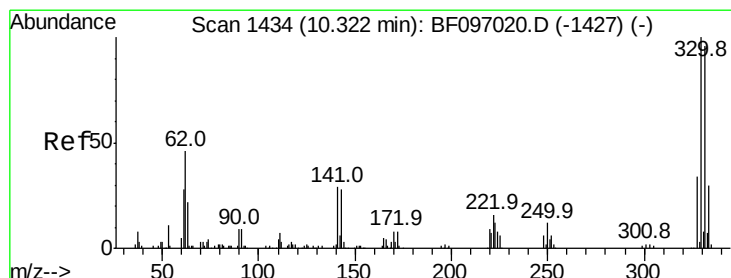
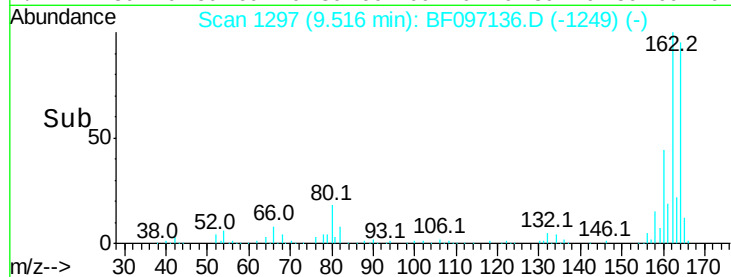
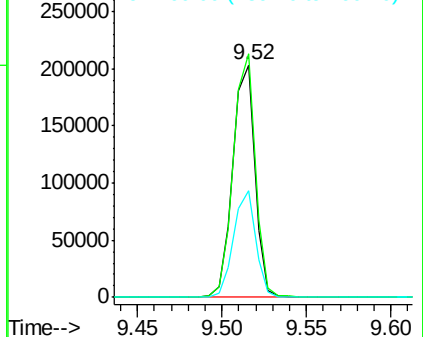
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.52 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF097136.D
 Acq: 27 Jul 2017 21:37

Instrument :
 BNA_F
 ClientSampleId :
 72-11940-COMP

Tot Ion:164 Resp: 184654
 Ion Ratio Lower Upper
 164 100
 162 104.9 82.6 123.8
 160 45.9 36.2 54.2

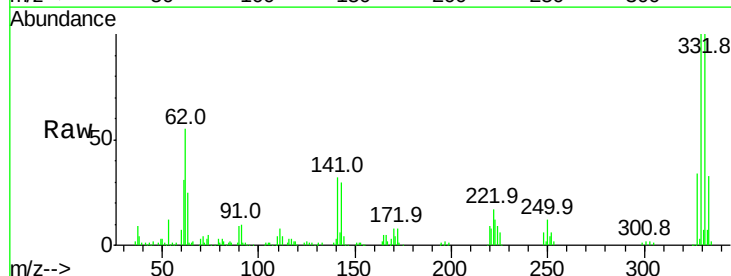


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

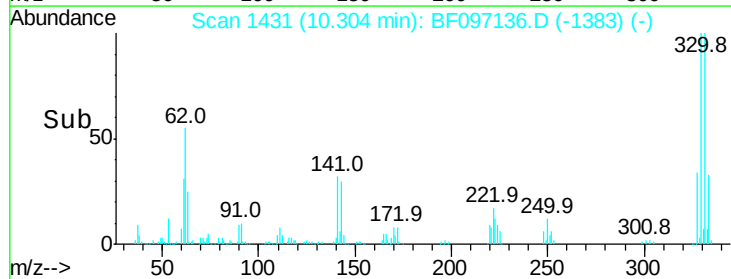
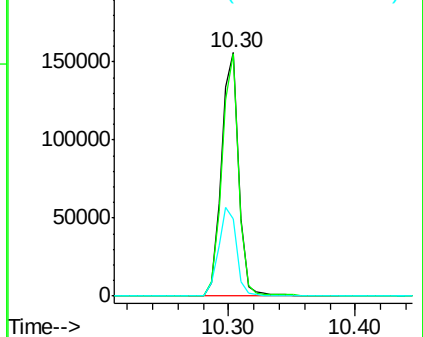


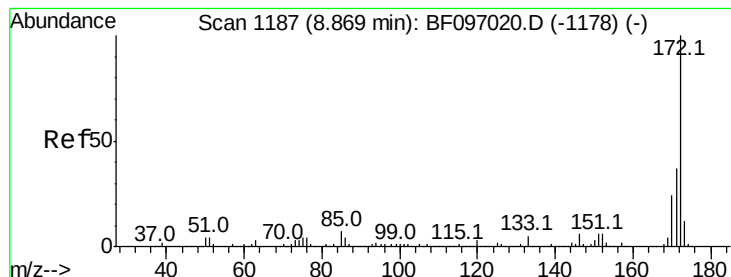
#41
 2,4,6-Tribromophenol
 Concen: 102.479 ng
 RT: 10.30 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF097136.D
 Acq: 27 Jul 2017 21:37

Tgt Ion:330 Resp: 149511
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 115.0
 141 38.2 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: 72.760 ng

RT: 8.85 min Scan# 1184

Delta R.T. -0.02 min

Lab File: BF097136.D

Acq: 27 Jul 2017 21:37

Instrument :

BNA_F

ClientSampleId :

72-11940-COMP

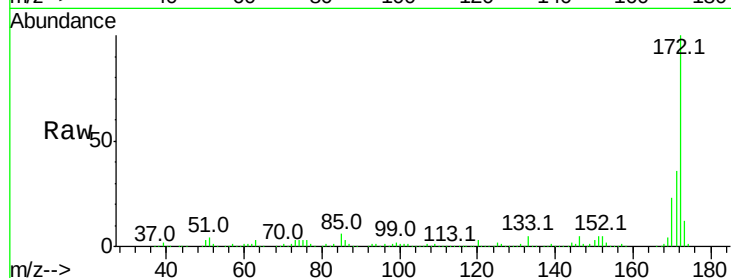
Tot Ion:172 Resp: 791668

Ion Ratio Lower Upper

172 100

171 36.1 29.6 44.4

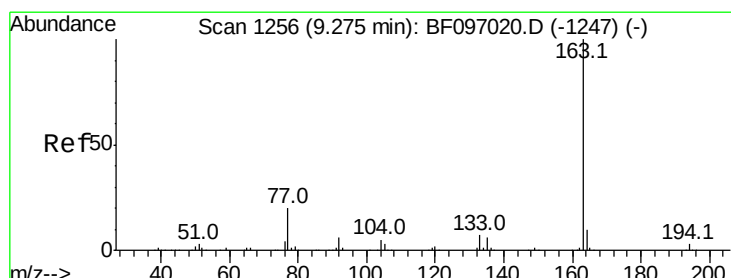
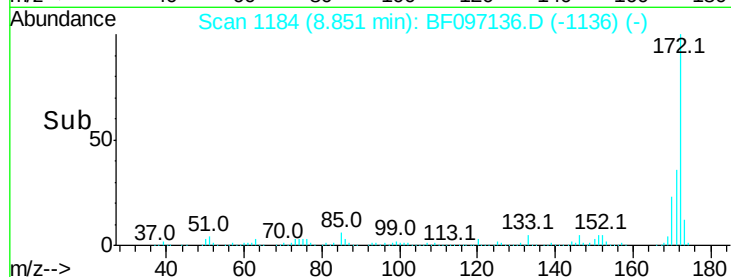
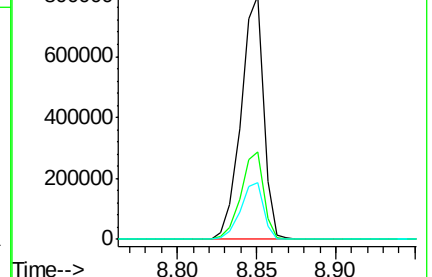
170 23.5 19.8 29.8



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: 8.874 ng

RT: 9.25 min Scan# 1251

Delta R.T. -0.03 min

Lab File: BF097136.D

Acq: 27 Jul 2017 21:37

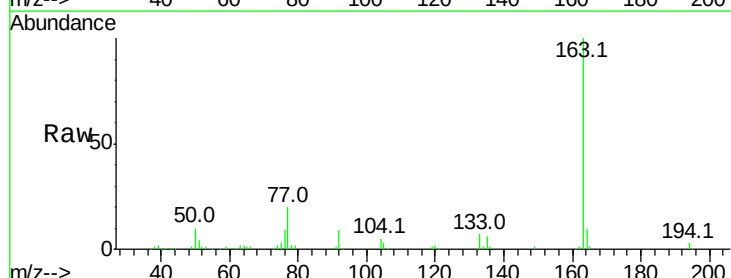
Tgt Ion:163 Resp: 124428

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

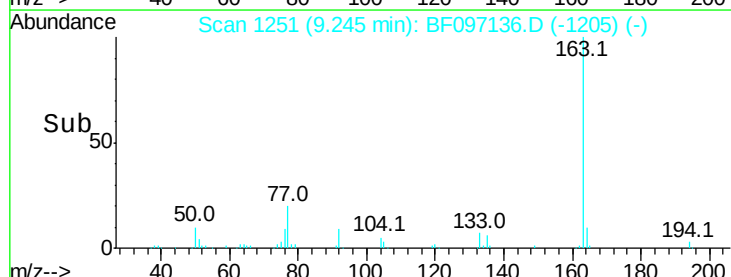
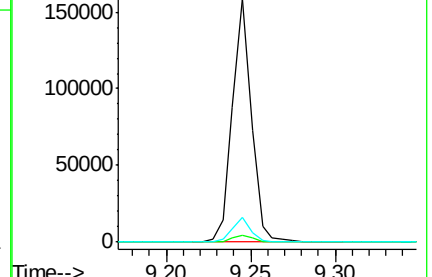
164 10.1 8.4 12.6

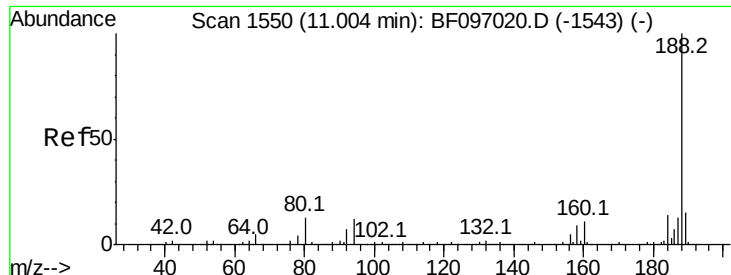


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

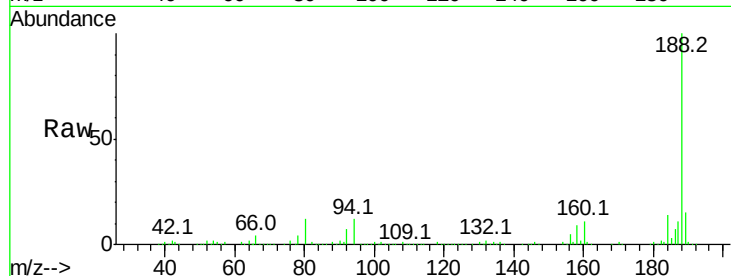




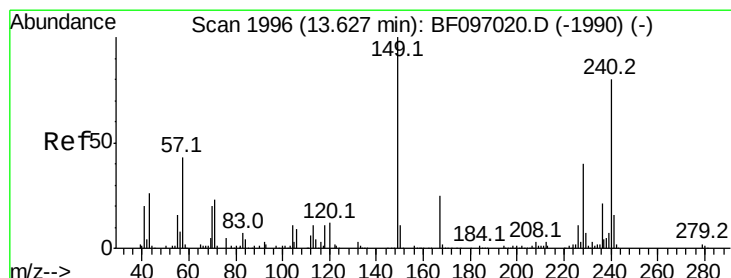
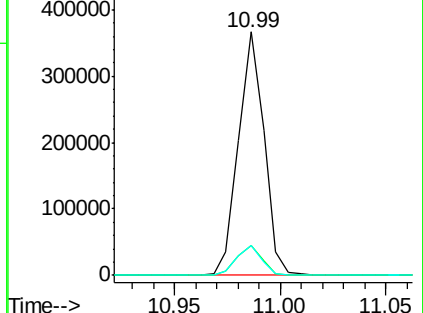
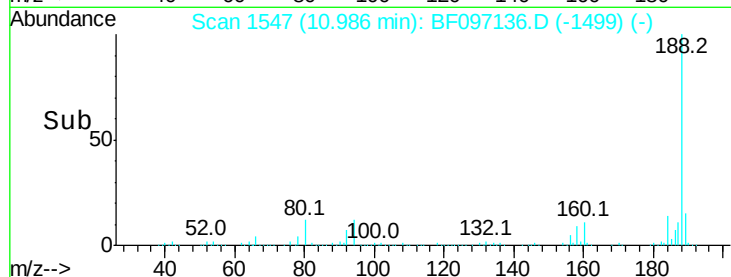
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.99 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF097136.D
Acq: 27 Jul 2017 21:37

Instrument :
BNA_F
ClientSampleId :
72-11940-COMP

Tot Ion	Ratio	Lower	Upper
188	100		
94	12.1	9.4	14.2
80	12.2	10.2	15.2

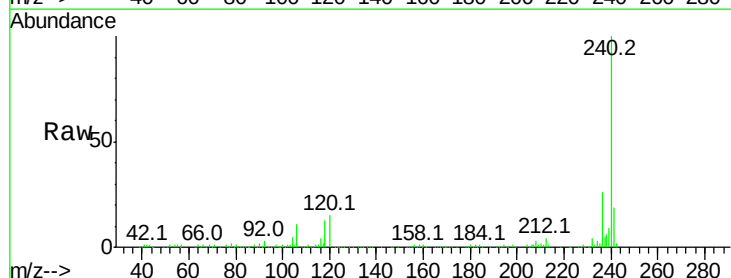


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

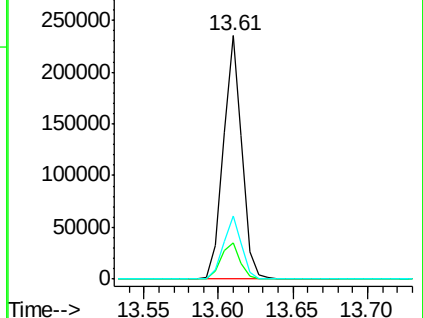
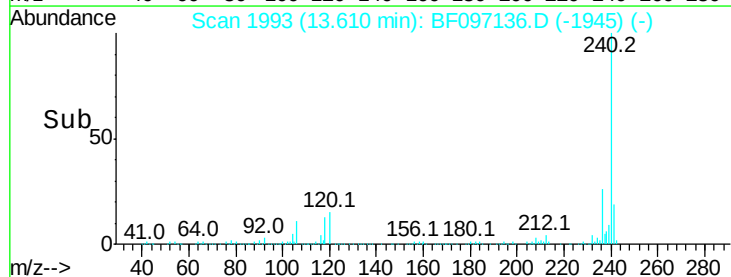


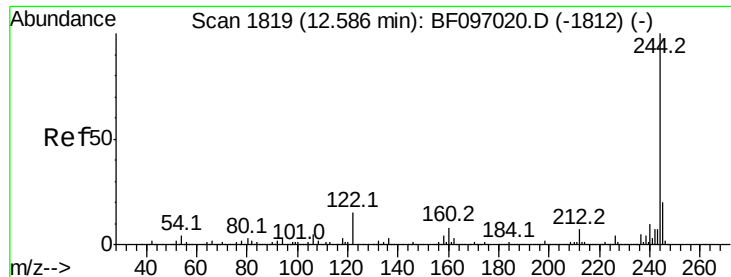
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.61 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BF097136.D
Acq: 27 Jul 2017 21:37

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.0	5.8	8.8#
236	26.0	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: 57.404 ng

RT: 12.57 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF097136.D

Acq: 27 Jul 2017 21:37

Instrument :

BNA_F

ClientSampleId :

72-11940-COMP

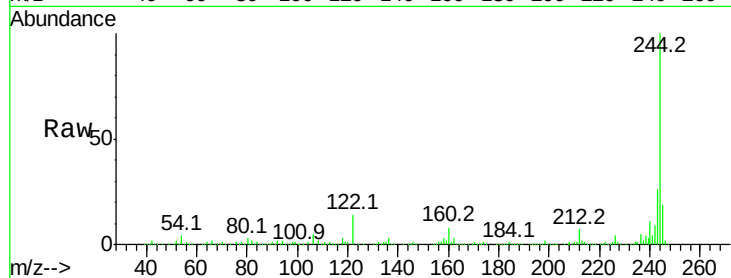
Tot Ion:244 Resp: 581682

Ion Ratio Lower Upper

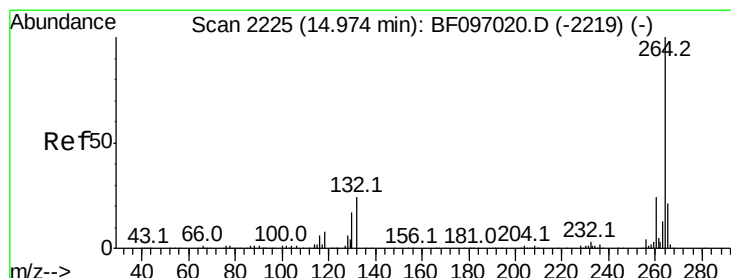
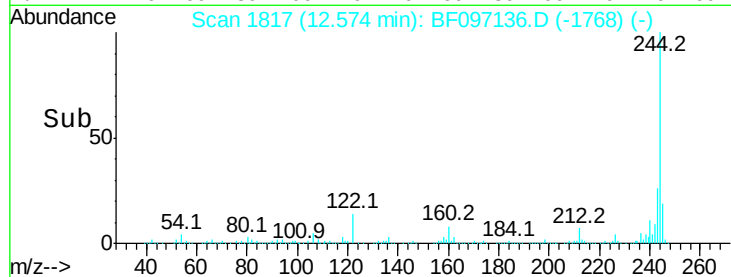
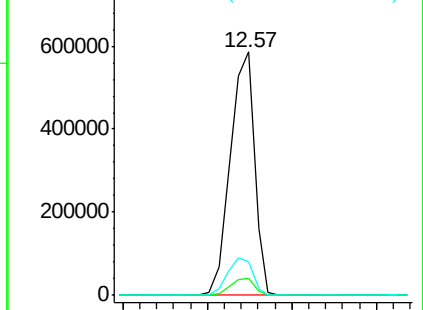
244 100

212 7.0 6.0 9.0

122 14.1 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: 14.96 min Scan# 2222

Delta R.T. -0.02 min

Lab File: BF097136.D

Acq: 27 Jul 2017 21:37

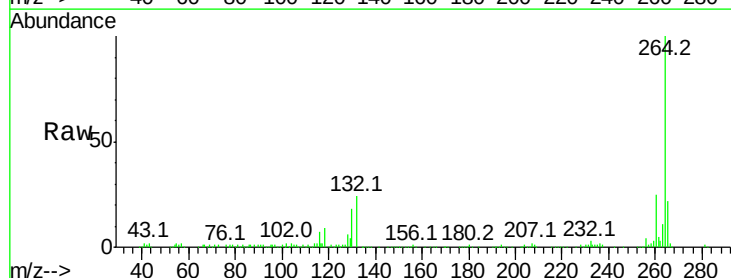
Tgt Ion:264 Resp: 177991

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

265 22.5 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

