

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091917\
 Data File : BF098645.D
 Acq On : 19 Sep 2017 17:05
 Operator : SJ/JU
 Sample : I5113-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RL-3-0-11.75-SPLP

Quant Time: Sep 20 02:45:37 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 13:37:24 2017
 Response via : Initial Calibration

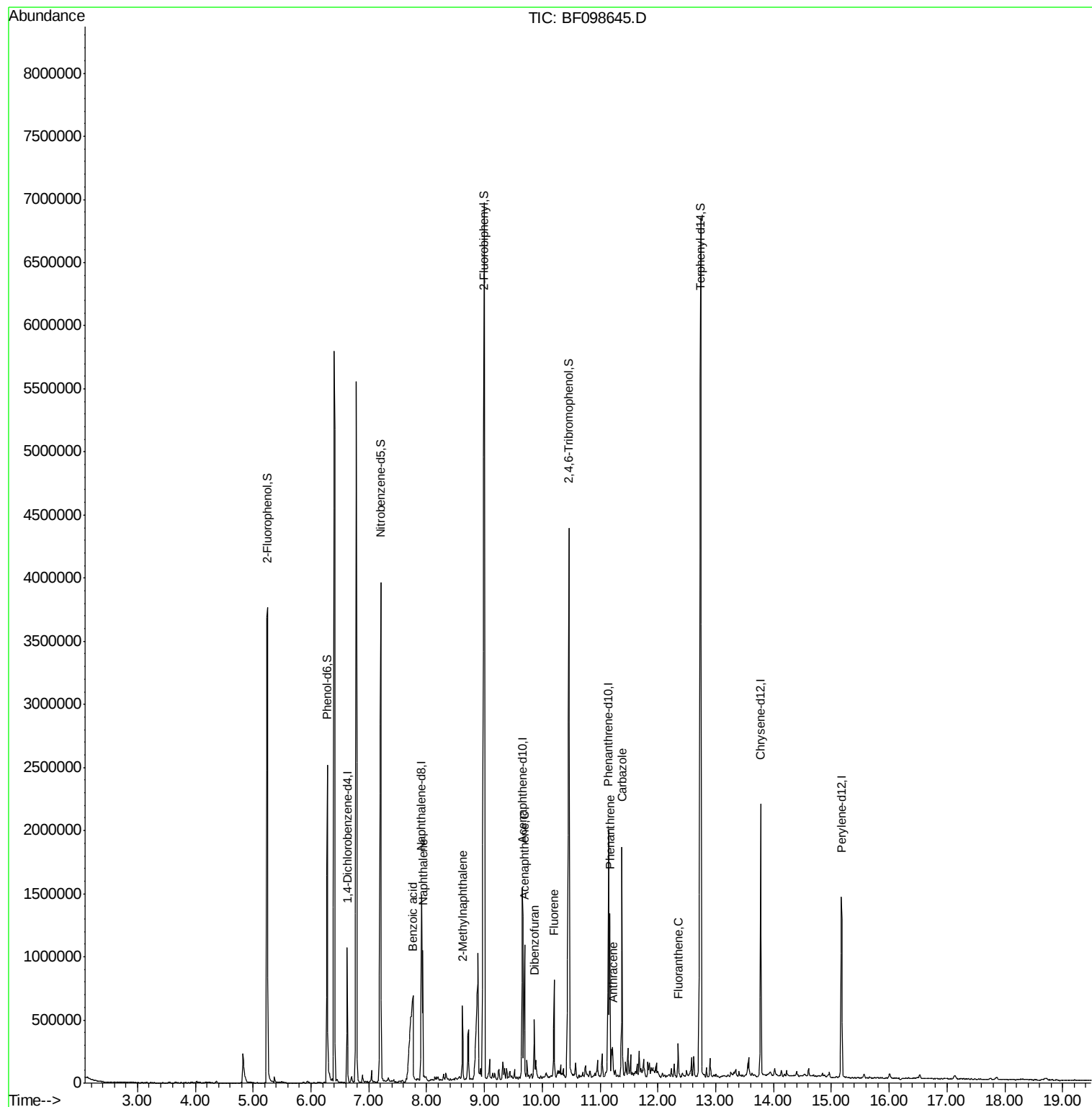
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	154155	20.00	ng	-0.01
21) Naphthalene-d8	7.91	136	668588	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	324035	20.00	ng	-0.01
63) Phenanthrene-d10	11.15	188	679751	20.00	ng	0.00
75) Chrysene-d12	13.78	240	706636	20.00	ng	0.00
86) Perylene-d12	15.17	264	619458	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1223782	117.37	ng	0.00
7) Phenol-d6	6.28	99	977094	73.81	ng	-0.01
23) Nitrobenzene-d5	7.21	82	1875780	156.41	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	745415	344.67	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	3218183	168.33	ng	0.00
78) Terphenyl-d14	12.75	244	3776446	115.35	ng	0.01
Target Compounds						
31) Naphthalene	7.93	128	519002	15.703	ng	99
32) Benzoic acid	7.77	122	11776m	9.362	ng	
37) 2-Methylnaphthalene	8.62	142	154243	7.704	ng	97
51) Acenaphthene	9.69	154	226080	11.548	ng	96
54) Dibenzofuran	9.86	168	172439	6.686	ng	97
57) Fluorene	10.20	166	214418	10.044	ng	99
70) Phenanthrene	11.17	178	497130	13.796	ng	99
71) Anthracene	11.22	178	103521	2.798	ng	96
72) Carbazole	11.38	167	679532	19.708	ng	99
74) Fluoranthene	12.35	202	93156	2.582	ng	98

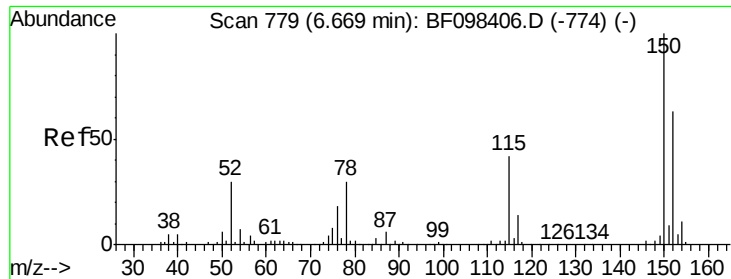
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091917\
Data File : BF098645.D
Acq On : 19 Sep 2017 17:05
Operator : SJ/JU
Sample : I5113-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RL-3-0-11.75-SPLP

Quant Time: Sep 20 02:45:37 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 18 13:37:24 2017
Response via : Initial Calibration



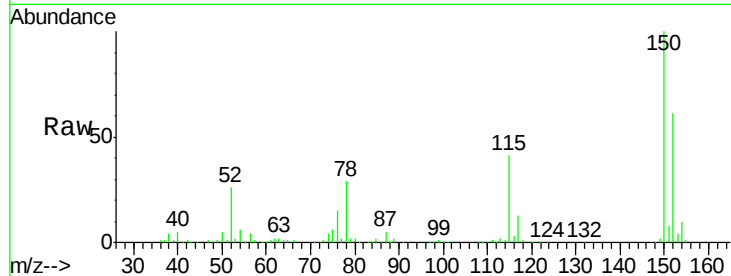


#1

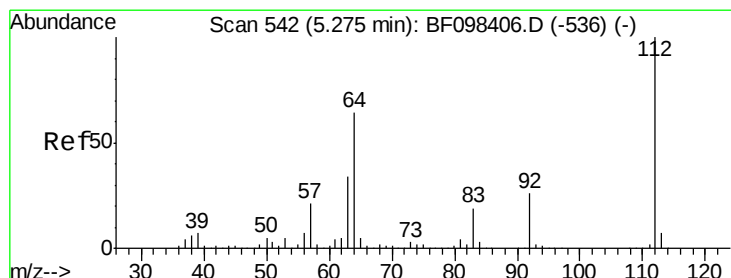
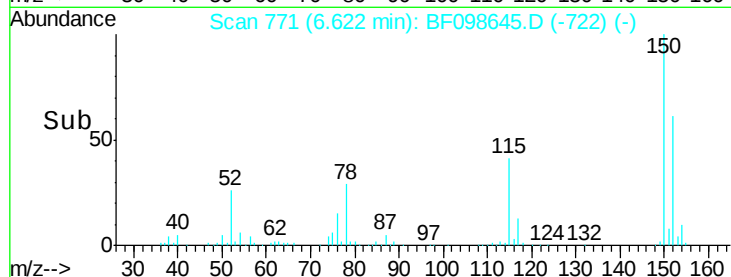
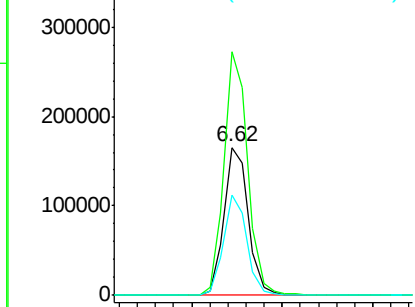
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF098645.D
Acq: 19 Sep 2017 17:05

Instrument :
BNA_F
ClientSampleId :
RL-3-0-11.75-SPLP

Tgt Ion:152 Resp: 154155
Ion Ratio Lower Upper
152 100
150 164.7 126.2 189.2
115 68.2 52.2 78.2



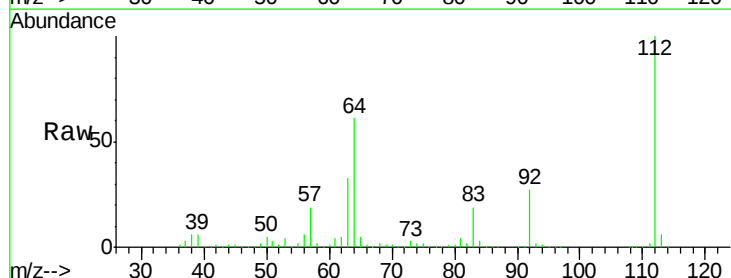
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



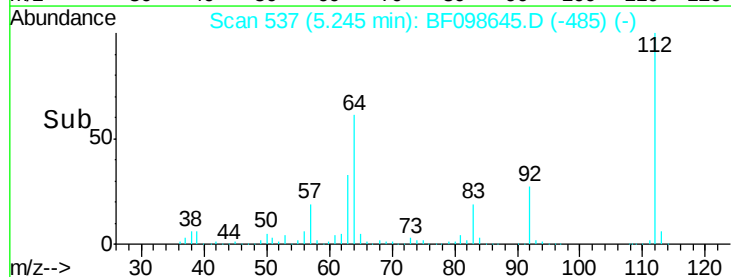
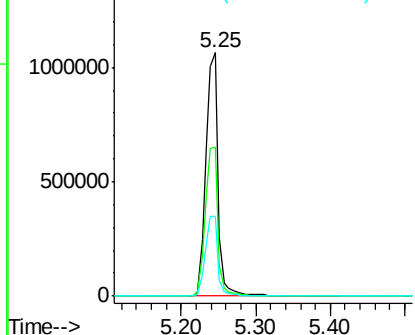
#5

2-Fluorophenol
Concen: 117.375 ng
RT: 5.25 min Scan# 537
Delta R.T. 0.01 min
Lab File: BF098645.D
Acq: 19 Sep 2017 17:05

Tgt Ion:112 Resp: 1223782
Ion Ratio Lower Upper
112 100
64 61.3 46.0 69.0
63 32.6 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: 73.811 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF098645.D

Acq: 19 Sep 2017 17:05

Instrument :

BNA_F

ClientSampleId :

RL-3-0-11.75-SPLP

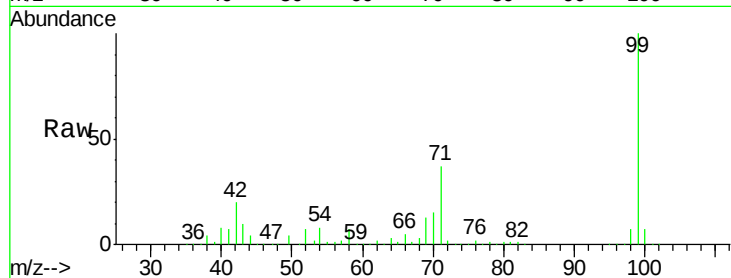
Tgt Ion: 99 Resp: 977094

Ion Ratio Lower Upper

99 100

42 19.5 13.5 20.3

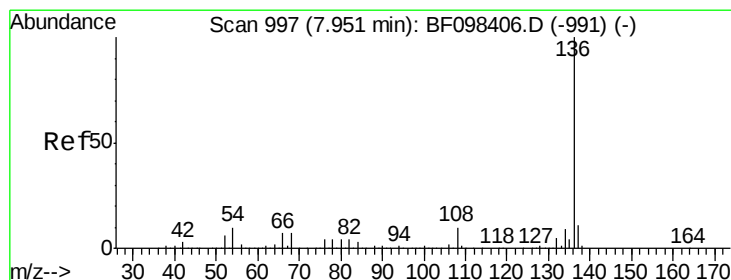
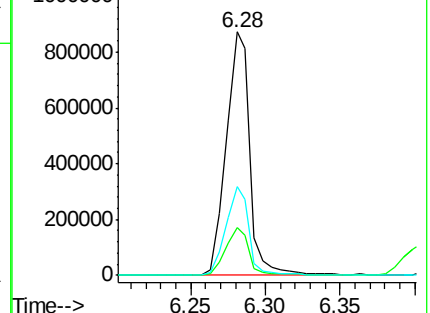
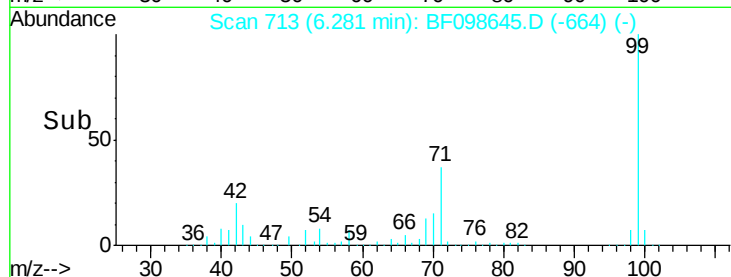
71 36.7 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF098645.D

Acq: 19 Sep 2017 17:05

Tgt Ion: 136 Resp: 668588

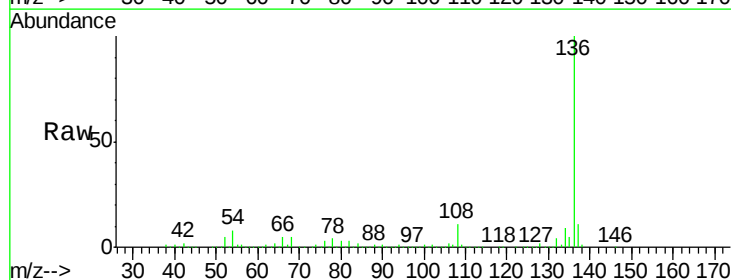
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 8.4 4.9 7.3#

68 5.2 4.1 6.1

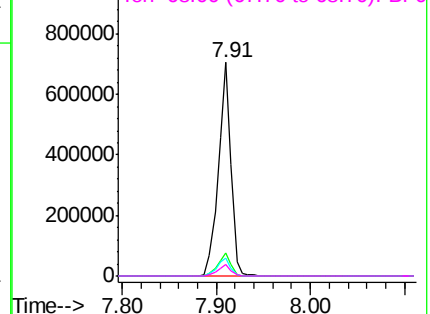
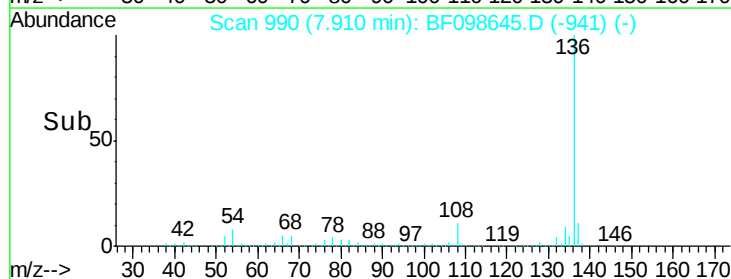


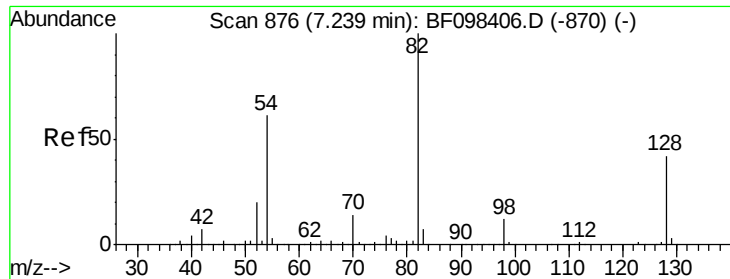
Abundance Ion 136.00 (135.70 to 136.70): E

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

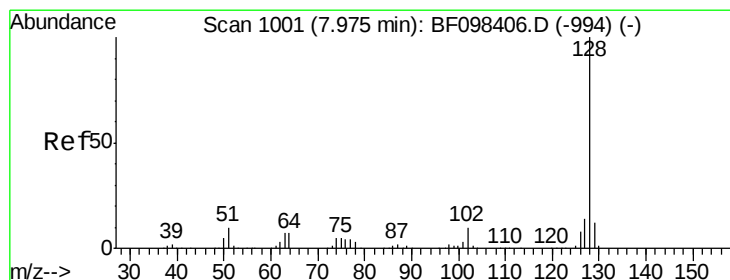
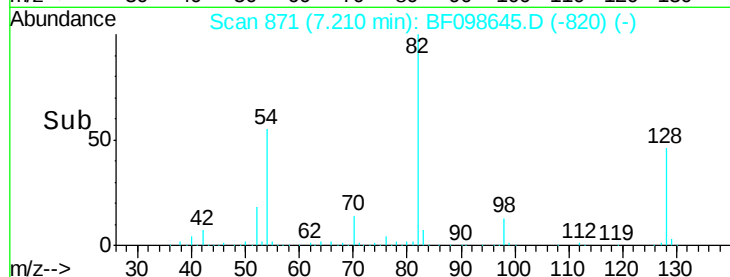
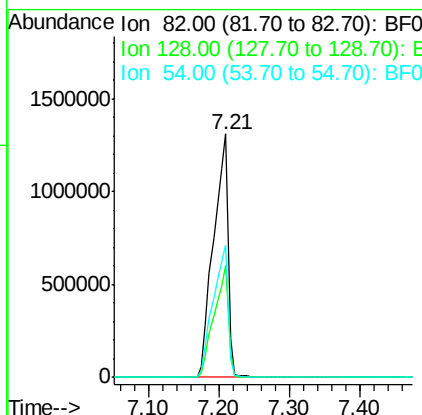
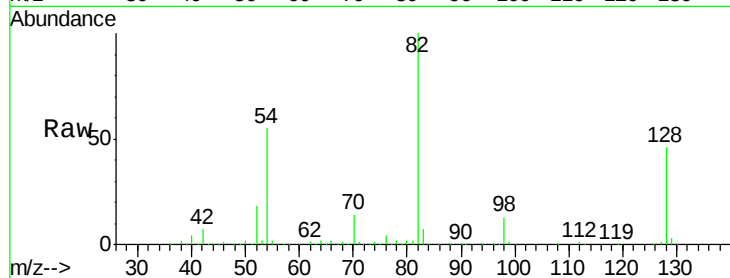




#23
 Nitrobenzene-d5
 Concen: 156.410 ng
 RT: 7.21 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: BF098645.D
 Acq: 19 Sep 2017 17:05

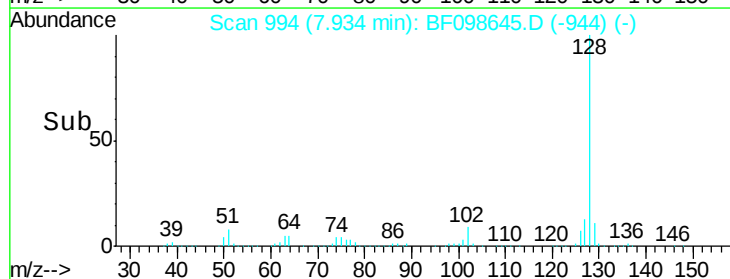
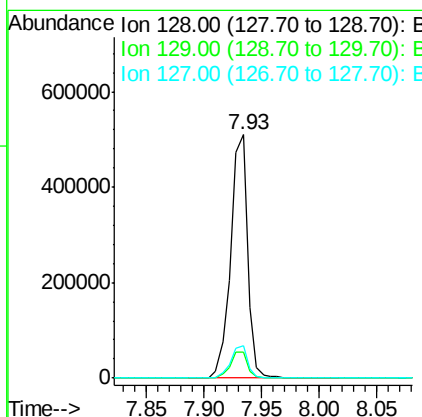
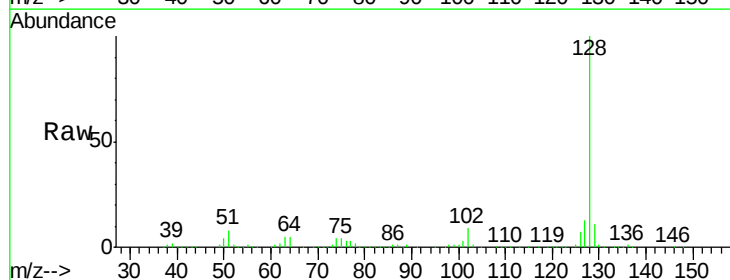
Instrument :
 BNA_F
 ClientSampleId :
 RL-3-0-11.75-SPLP

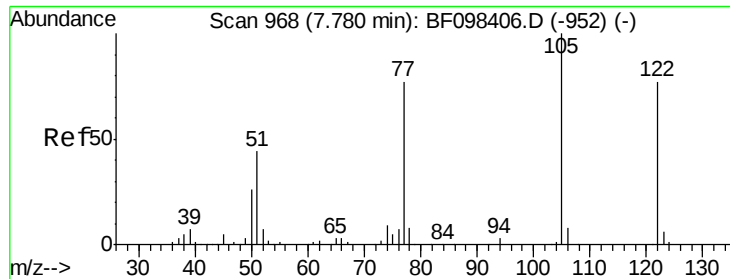
Tgt Ion: 82 Resp: 1875780
 Ion Ratio Lower Upper
 82 100
 128 46.1 34.0 51.0
 54 54.6 42.2 63.2



#31
 Naphthalene
 Concen: 15.703 ng
 RT: 7.93 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BF098645.D
 Acq: 19 Sep 2017 17:05

Tgt Ion: 128 Resp: 519002
 Ion Ratio Lower Upper
 128 100
 129 10.9 9.0 13.6
 127 13.5 10.8 16.2





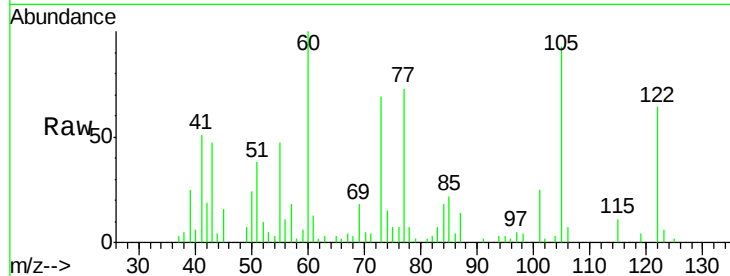
#32

Benzoic acid

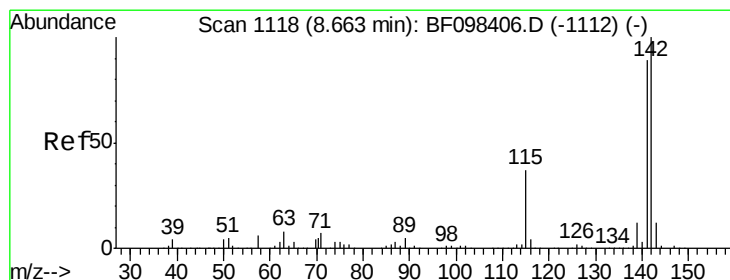
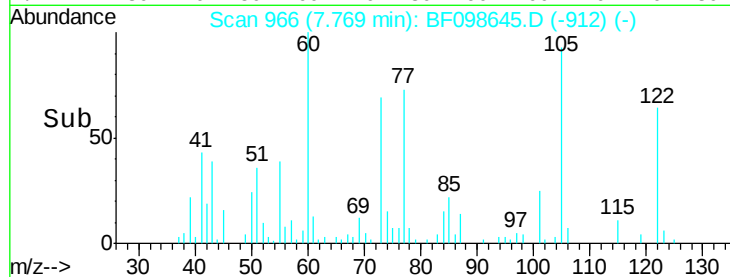
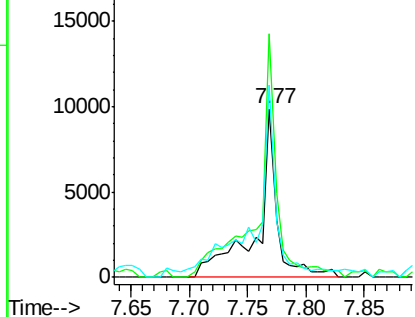
Concen: 9.362 ng m
RT: 7.77 min Scan# 966
Delta R.T. 0.02 min
Lab File: BF098645.D
Acq: 19 Sep 2017 17:05

Instrument :
BNA_F
ClientSampleId :
RL-3-0-11.75-SPLP

Tgt Ion:122 Resp: 11776
Ion Ratio Lower Upper
122 100
105 144.8 103.3 143.3#
77 114.1 73.7 113.7#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BFO

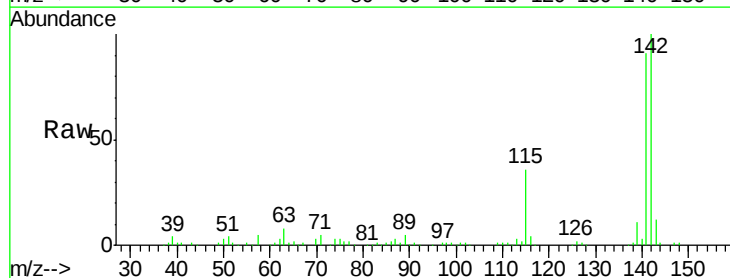


#37

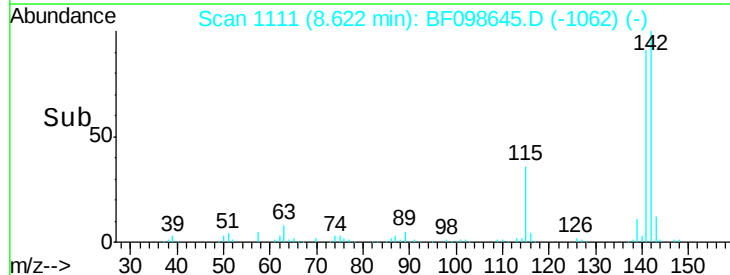
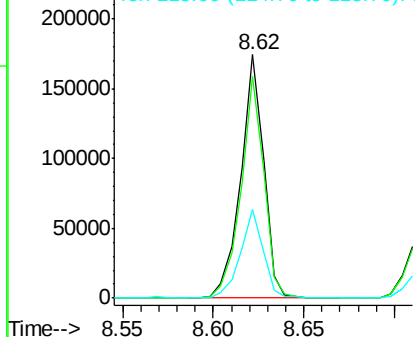
2-Methylnaphthalene

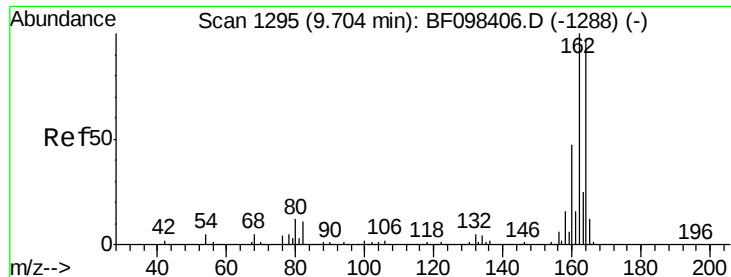
Concen: 7.704 ng
RT: 8.62 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BF098645.D
Acq: 19 Sep 2017 17:05

Tgt Ion:142 Resp: 154243
Ion Ratio Lower Upper
142 100
141 91.0 71.3 106.9
115 36.4 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF098645.D

Acq: 19 Sep 2017 17:05

Instrument :

BNA_F

ClientSampleId :

RL-3-0-11.75-SPLP

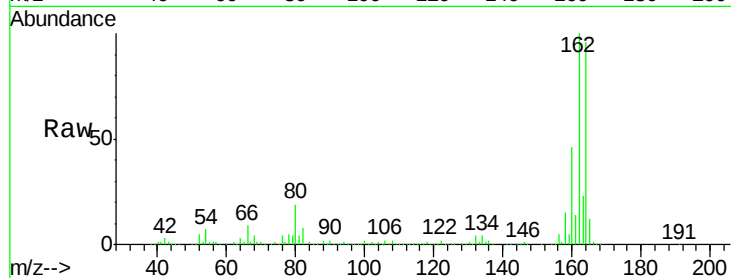
Tgt Ion:164 Resp: 324035

Ion Ratio Lower Upper

164 100

162 103.9 82.6 123.8

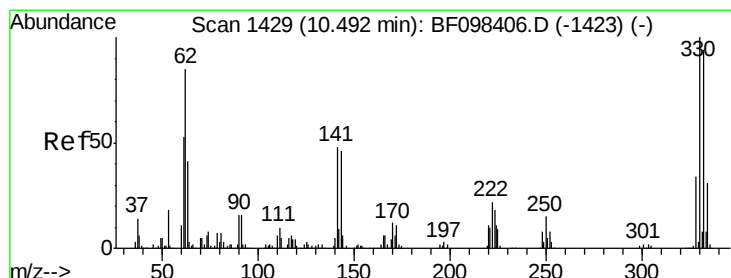
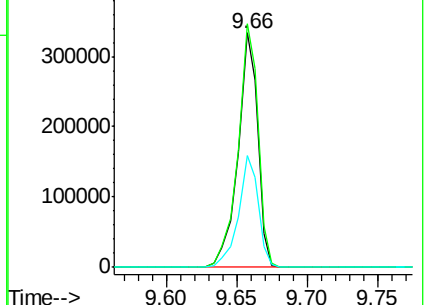
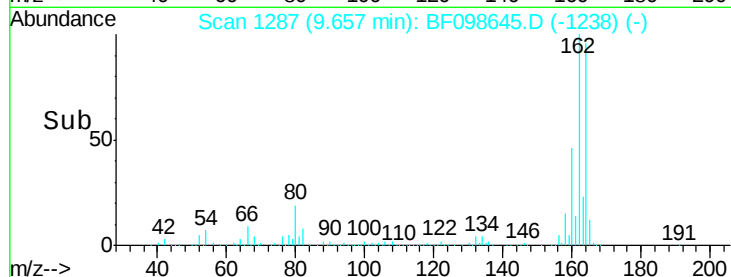
160 47.4 36.2 54.2



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: 344.673 ng

RT: 10.46 min Scan# 1424

Delta R.T. 0.00 min

Lab File: BF098645.D

Acq: 19 Sep 2017 17:05

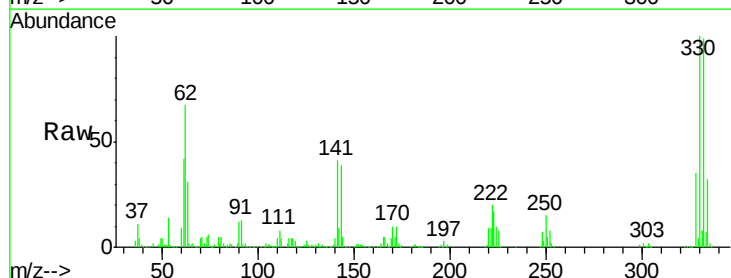
Tgt Ion:330 Resp: 745415

Ion Ratio Lower Upper

330 100

332 97.3 76.6 115.0

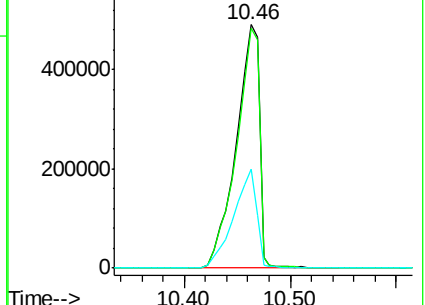
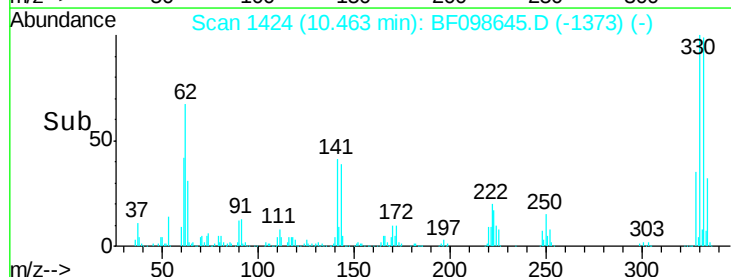
141 40.4 31.4 47.2

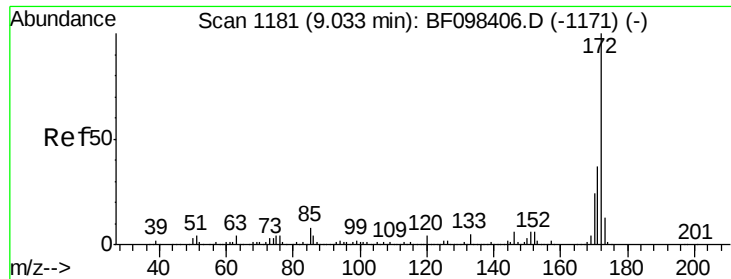


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

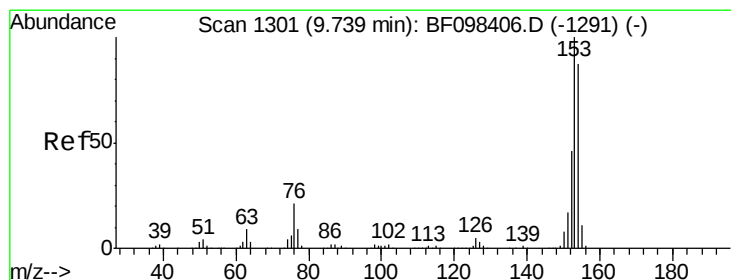
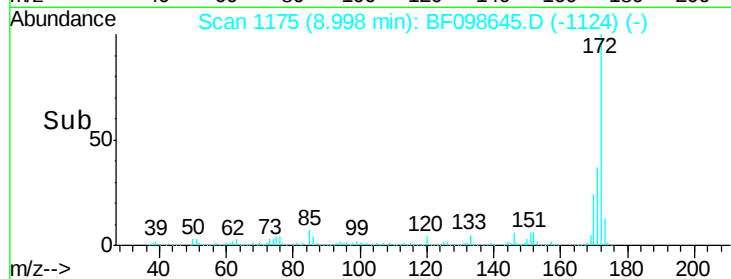
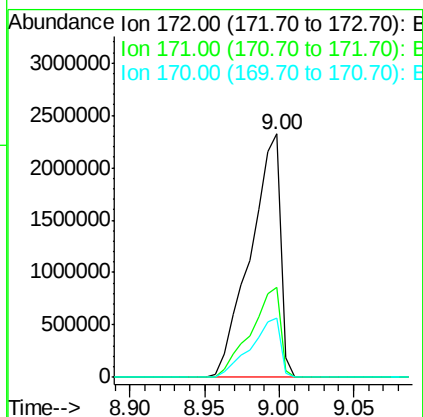
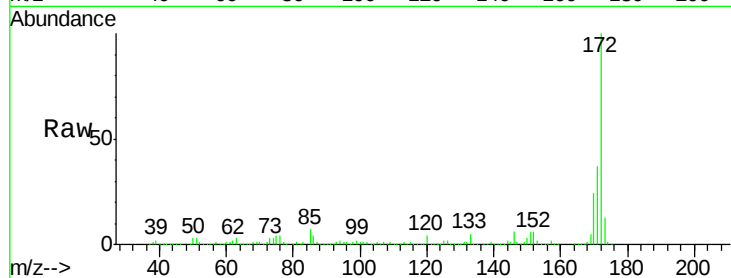




#44
 2-Fluorobiphenyl
 Concen: 168.332 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BF098645.D
 Acq: 19 Sep 2017 17:05

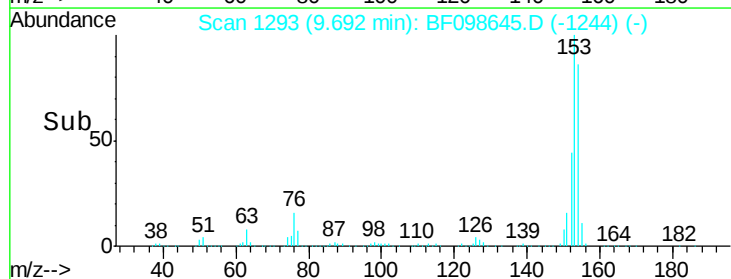
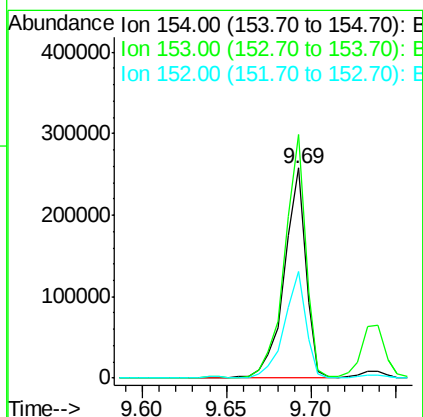
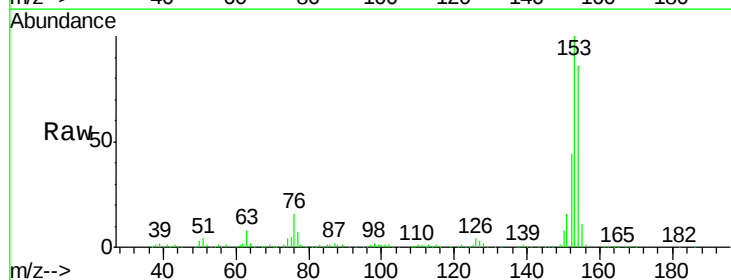
Instrument :
 BNA_F
 ClientSampleId :
 RL-3-0-11.75-SPLP

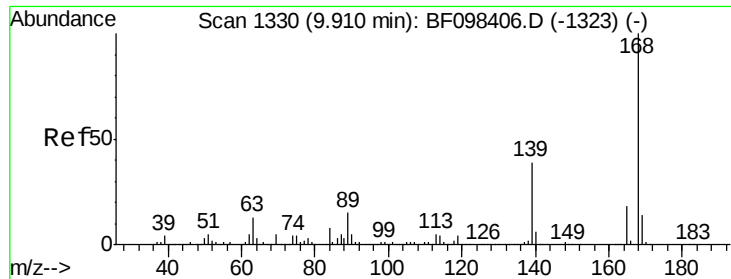
Tgt Ion:172 Resp: 3218183
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.6 44.4
 170 24.4 19.8 29.8



#51
 Acenaphthene
 Concen: 11.548 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF098645.D
 Acq: 19 Sep 2017 17:05

Tgt Ion:154 Resp: 226080
 Ion Ratio Lower Upper
 154 100
 153 115.9 90.5 135.7
 152 50.5 43.6 65.4

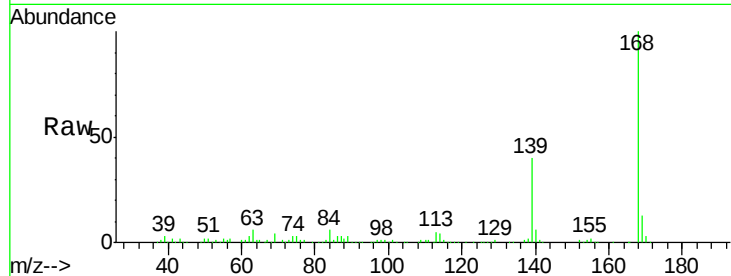




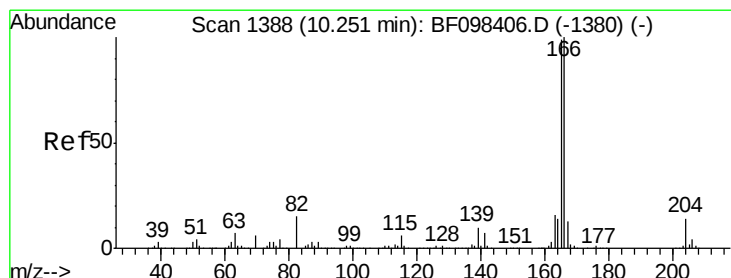
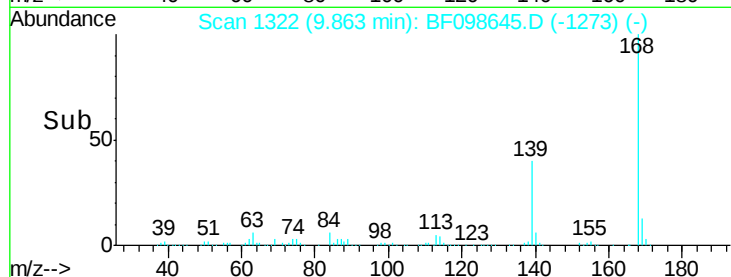
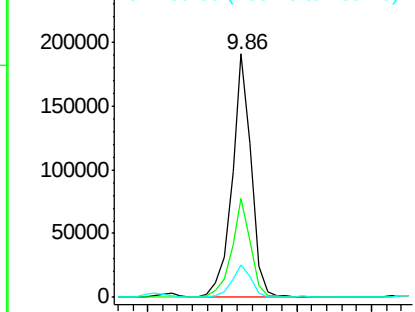
#54
Dibenzenofuran
Concen: 6.686 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF098645.D
Acq: 19 Sep 2017 17:05

Instrument :
BNA_F
ClientSampleId :
RL-3-0-11.75-SPLP

Tgt Ion:168 Resp: 172439
Ion Ratio Lower Upper
168 100
139 40.4 30.6 45.8
169 13.4 10.8 16.2

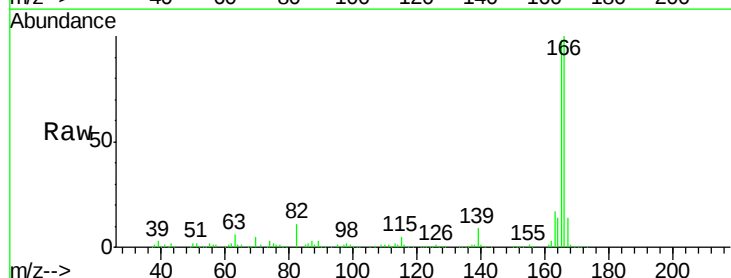


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

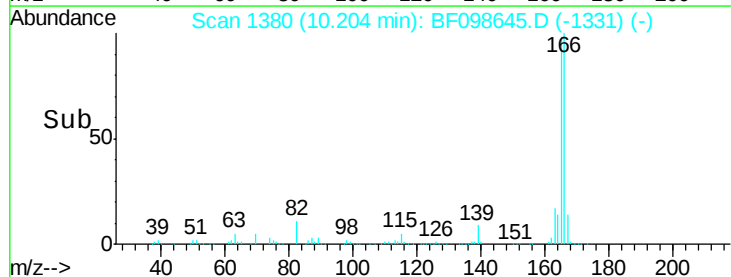
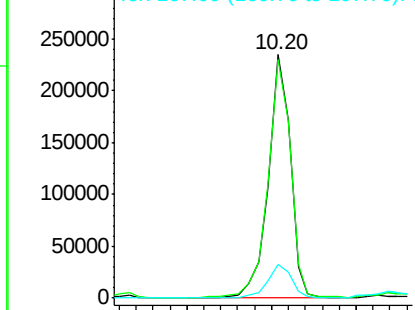


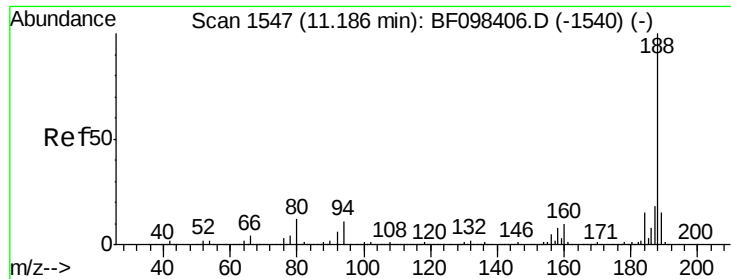
#57
Fluorene
Concen: 10.044 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF098645.D
Acq: 19 Sep 2017 17:05

Tgt Ion:166 Resp: 214418
Ion Ratio Lower Upper
166 100
165 98.0 78.8 118.2
167 14.0 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

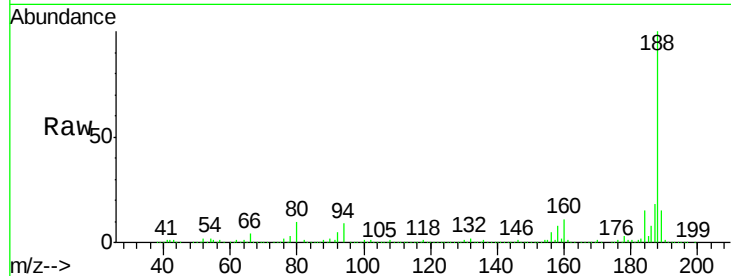




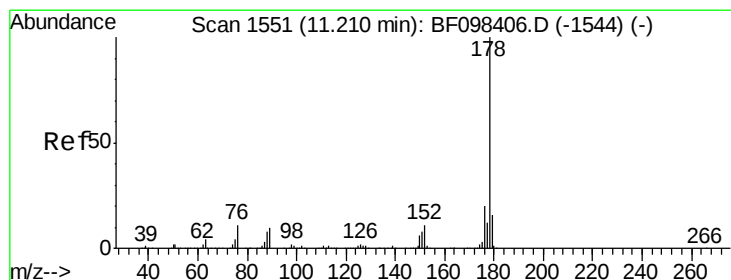
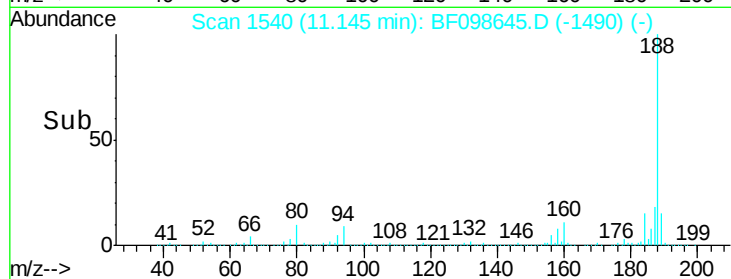
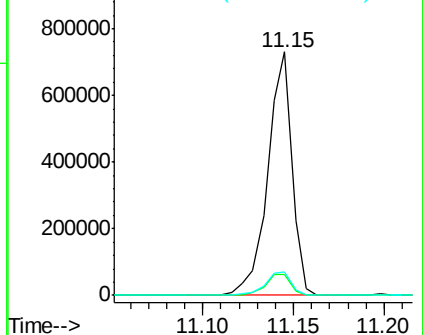
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF098645.D
Acq: 19 Sep 2017 17:05

Instrument :
BNA_F
ClientSampleId :
RL-3-0-11.75-SPLP

Tgt Ion:188 Resp: 679751
Ion Ratio Lower Upper
188 100
94 8.6 9.4 14.2#
80 9.8 10.2 15.2#

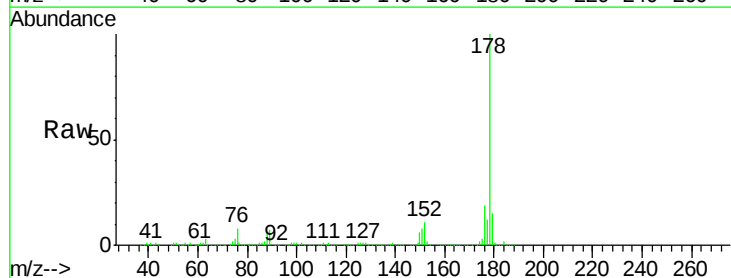


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

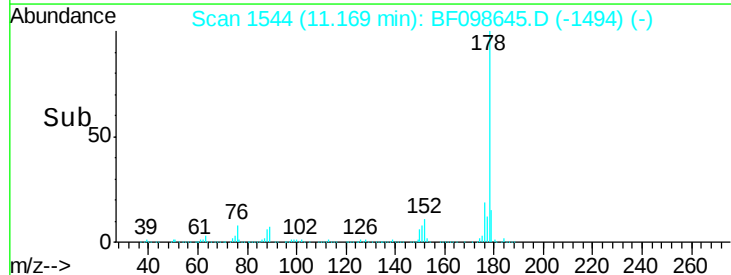
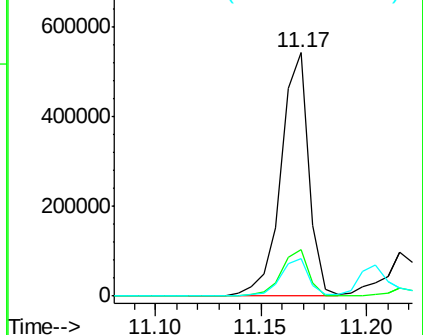


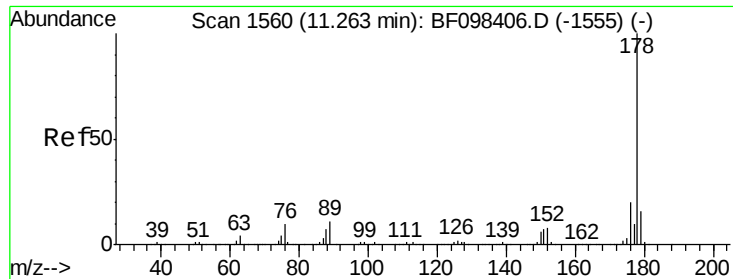
#70
Phenanthrene
Concen: 13.796 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.01 min
Lab File: BF098645.D
Acq: 19 Sep 2017 17:05

Tgt Ion:178 Resp: 497130
Ion Ratio Lower Upper
178 100
176 19.4 16.2 24.4
179 15.5 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

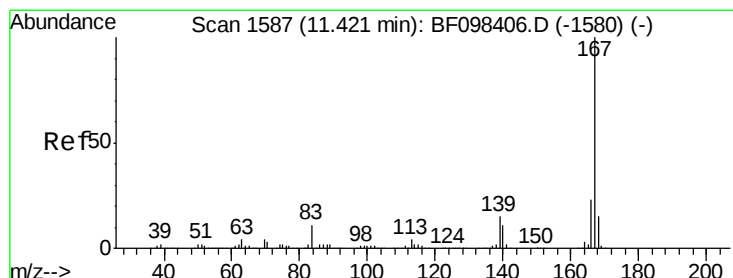
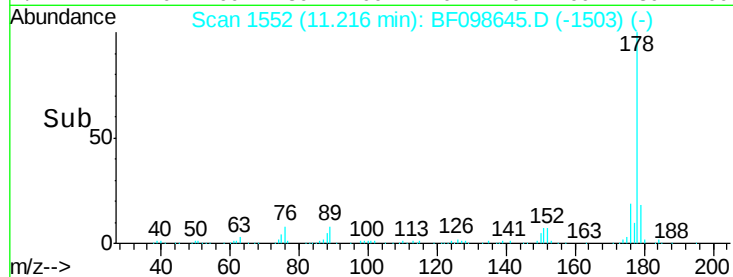
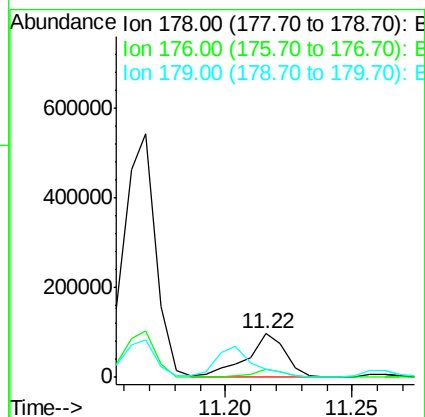
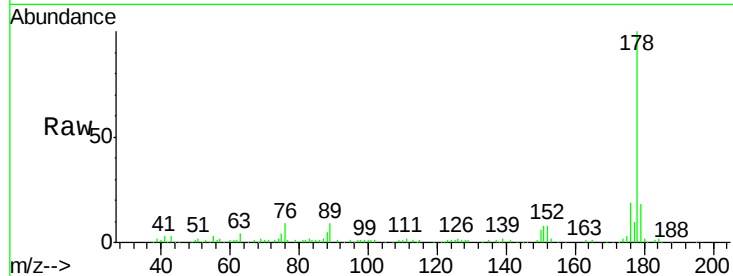




#71
 Anthracene
 Concen: 2.798 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.01 min
 Lab File: BF098645.D
 Acq: 19 Sep 2017 17:05

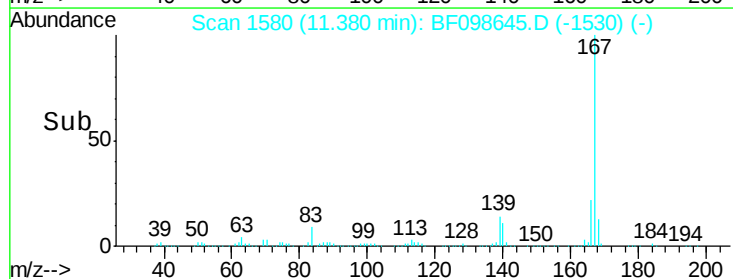
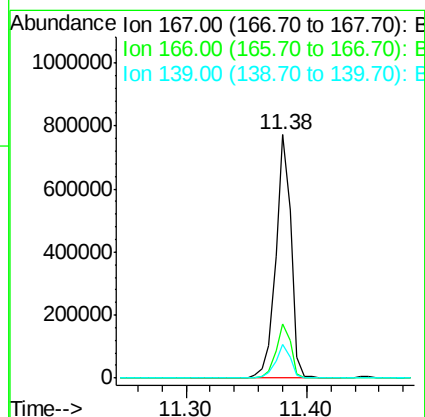
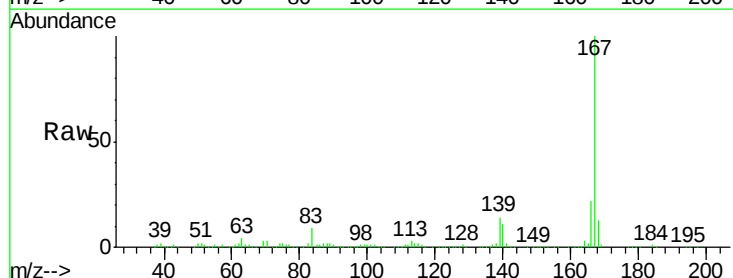
Instrument :
 BNA_F
 ClientSampleId :
 RL-3-0-11.75-SPLP

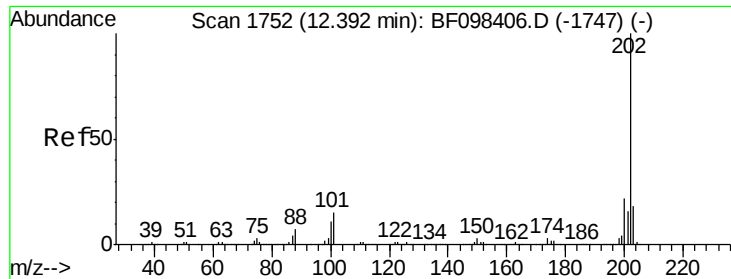
Tgt Ion:178 Resp: 103521
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.8 23.8
 179 18.0 12.7 19.1



#72
 Carbazole
 Concen: 19.708 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: BF098645.D
 Acq: 19 Sep 2017 17:05

Tgt Ion:167 Resp: 679532
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.1 27.1
 139 13.8 11.7 17.5





#74

Fluoranthene

Concen: 2.582 ng

RT: 12.35 min Scan# 1745

Delta R.T. -0.01 min

Lab File: BF098645.D

Acq: 19 Sep 2017 17:05

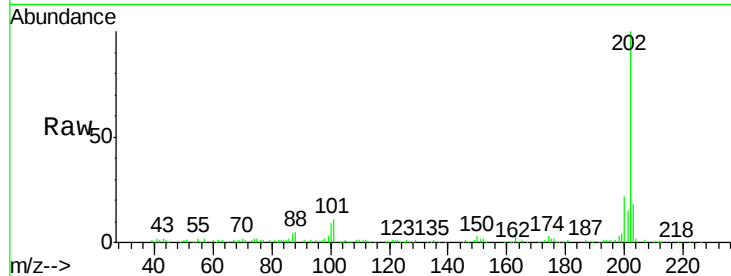
Instrument :

BNA_F

ClientSampleId :

RL-3-0-11.75-SPLP

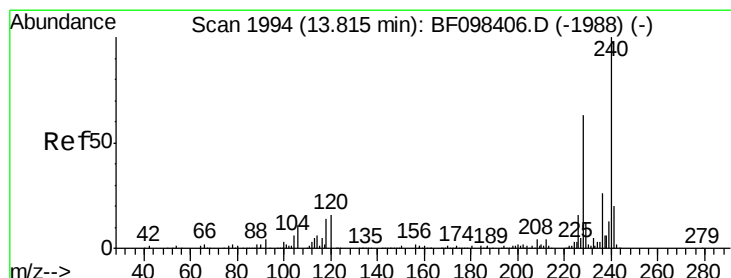
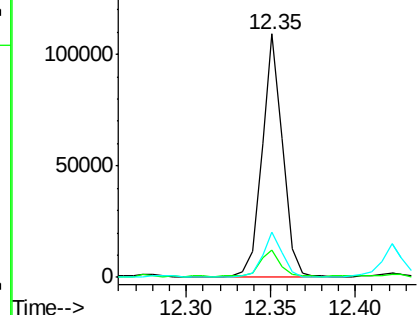
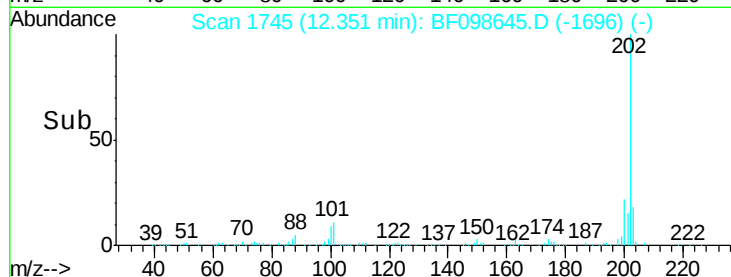
Tgt Ion:	202	Resp:	93156
Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	33.2
203	18.4	0.0	38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

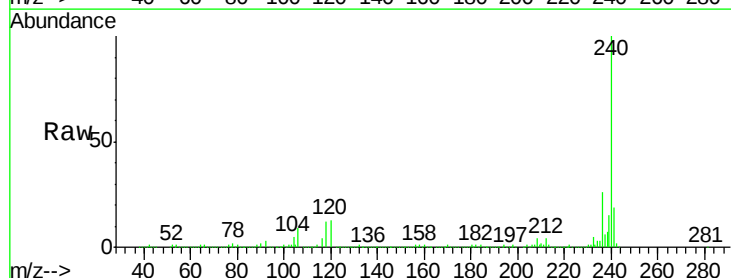
RT: 13.78 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BF098645.D

Acq: 19 Sep 2017 17:05

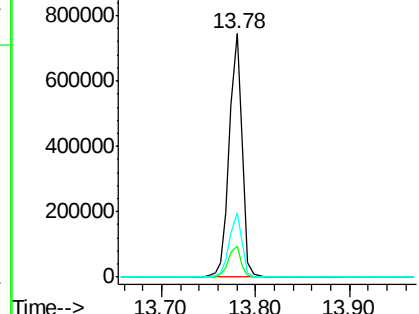
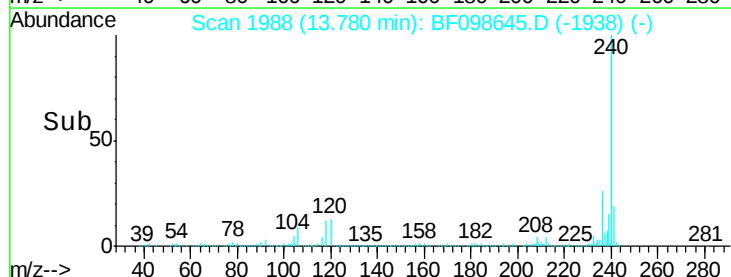
Tgt Ion:	240	Resp:	706636
Ion	Ratio	Lower	Upper
240	100		
120	12.6	5.8	8.8#
236	26.3	20.5	30.7

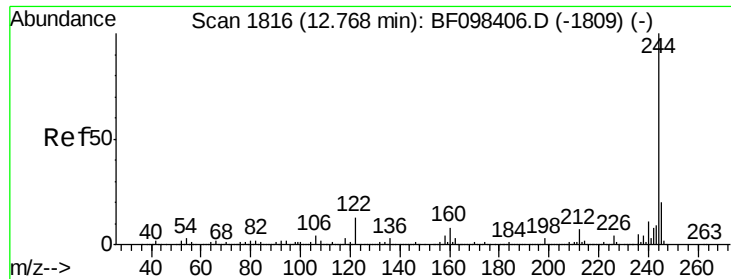


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 115.354 ng

RT: 12.75 min Scan# 1812

Delta R.T. 0.01 min

Lab File: BF098645.D

Acq: 19 Sep 2017 17:05

Instrument :

BNA_F

ClientSampleId :

RL-3-0-11.75-SPLP

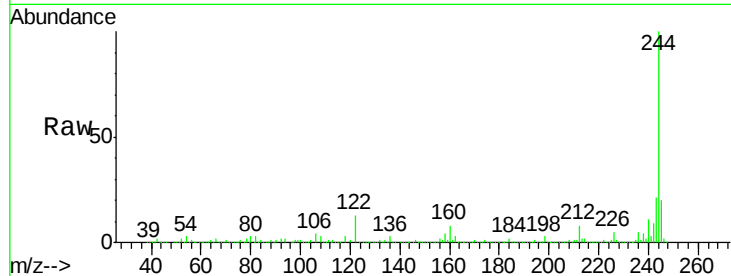
Tgt Ion:244 Resp: 3776446

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

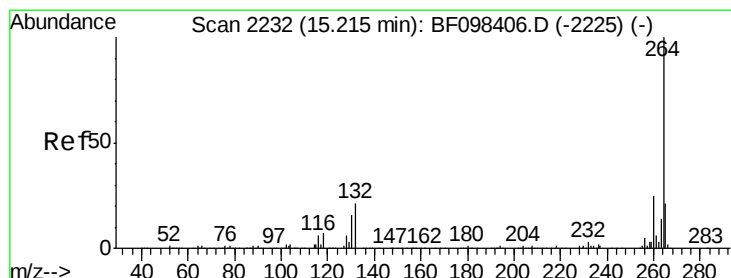
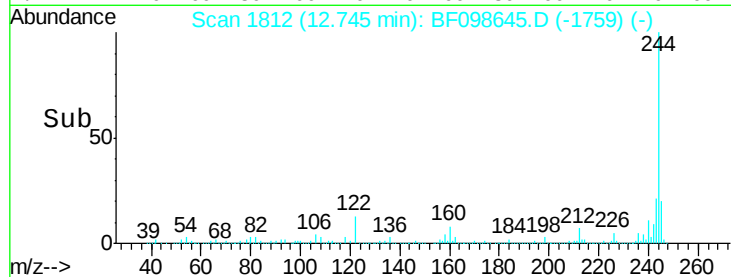
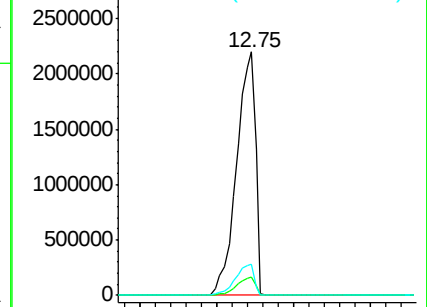
122 12.6 10.3 15.5



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: 15.17 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BF098645.D

Acq: 19 Sep 2017 17:05

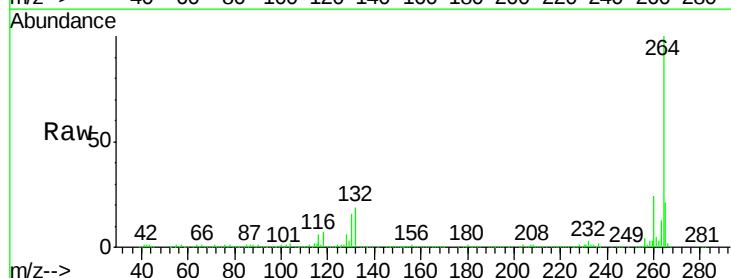
Tgt Ion:264 Resp: 619458

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

265 21.3 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

