

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
 Data File : BF108765.D
 Acq On : 5 Sep 2018 4:40
 Operator : JU/SJ
 Sample : J4741-01 10X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 05 08:03:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 15:06:55 2018
 Response via : Initial Calibration

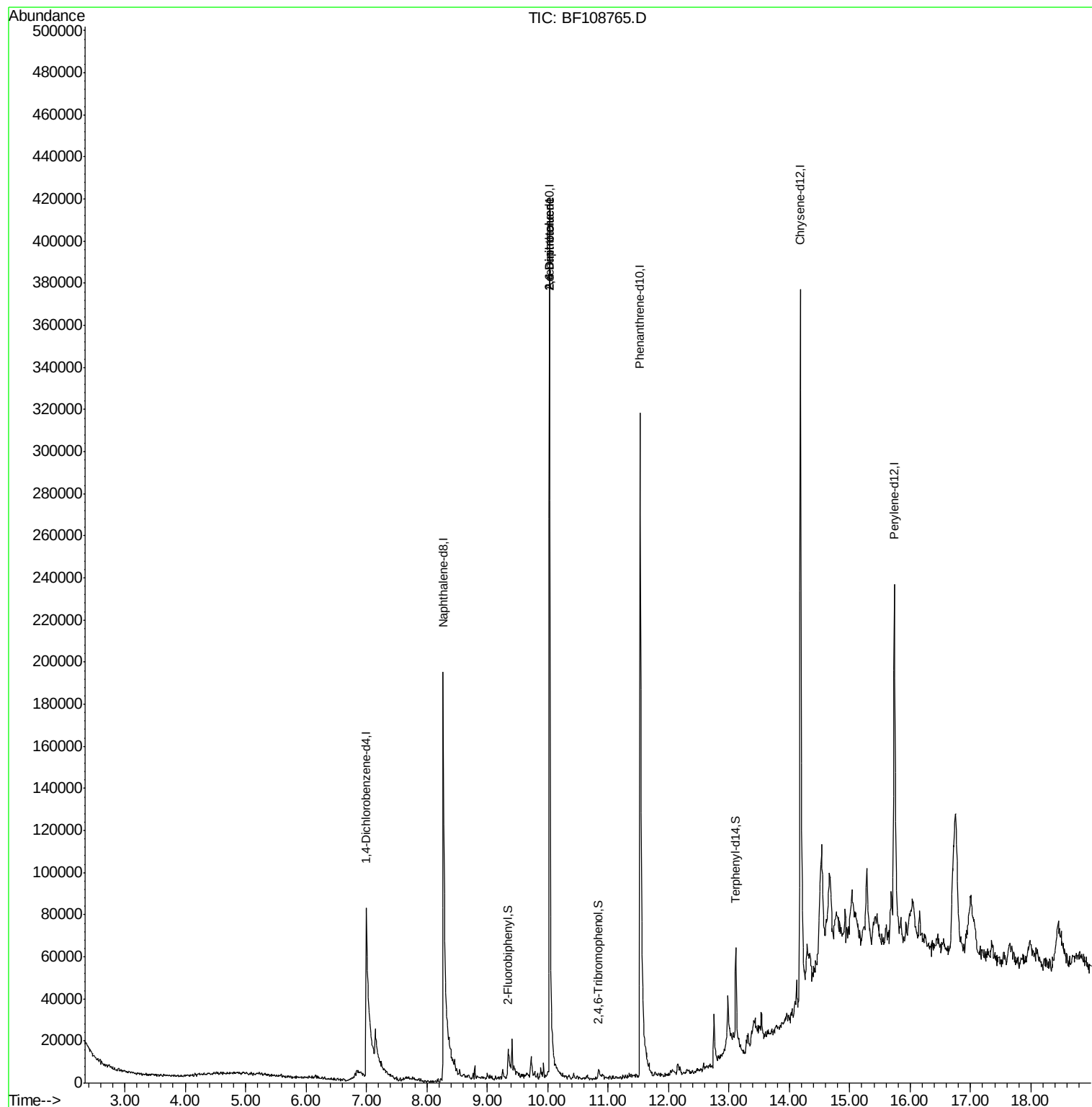
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	41909	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	241346	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	112944	20.00	ng	-0.02
63) Phenanthrene-d10	11.53	188	249312	20.00	ng	-0.02
75) Chrysene-d12	14.18	240	176226	20.00	ng	-0.02
86) Perylene-d12	15.74	264	125113	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.77	99	2205	0.64	ng	0.12
23) Nitrobenzene-d5	7.66	82	2027	0.43	ng	0.09
41) 2,4,6-Tribromophenol	10.85	330	2987	2.00	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	17634	2.10	ng	-0.01
78) Terphenyl-d14	13.11	244	31380	3.46	ng	-0.02
Target Compounds						
50) 2,6-Dinitrotoluene	10.03	165	13550	6.912	ng	# 24
56) 2,4-Dinitrotoluene	10.03	165	13972	5.383	ng	# 21

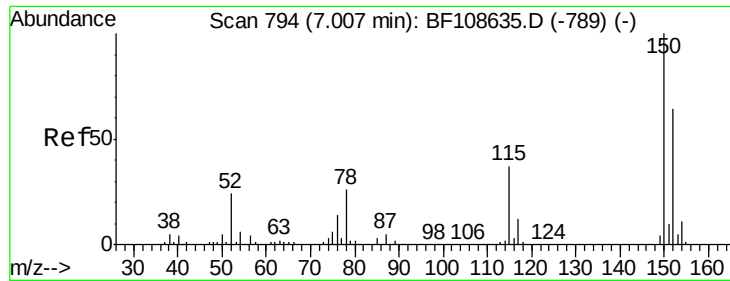
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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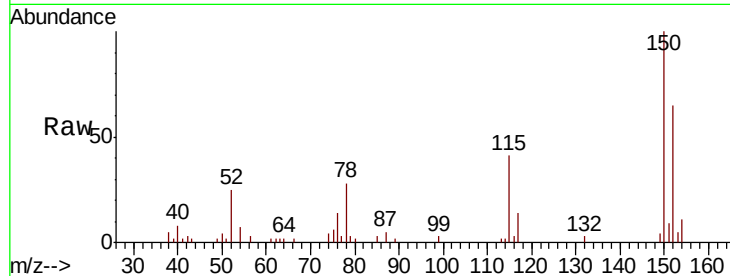


#1

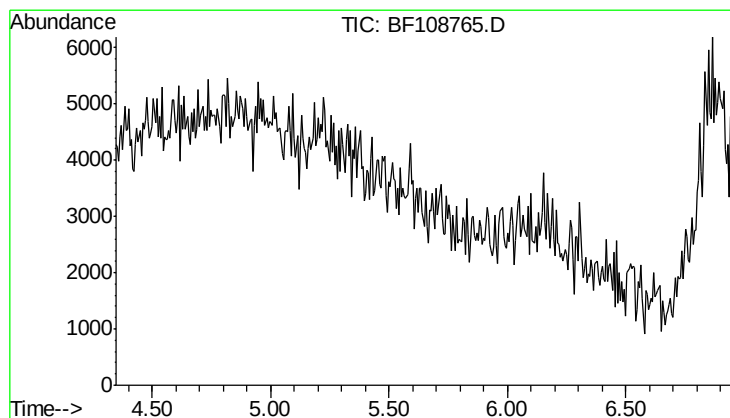
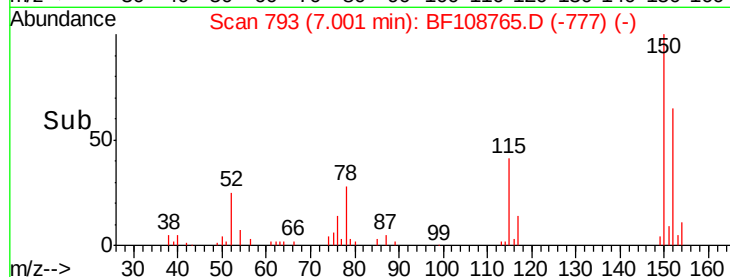
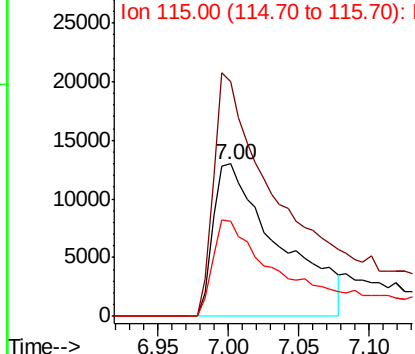
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108765.D
Acq: 5 Sep 2018 4:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 41909
Ion Ratio Lower Upper
152 100
150 154.0 124.6 186.8
115 62.6 50.1 75.1



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

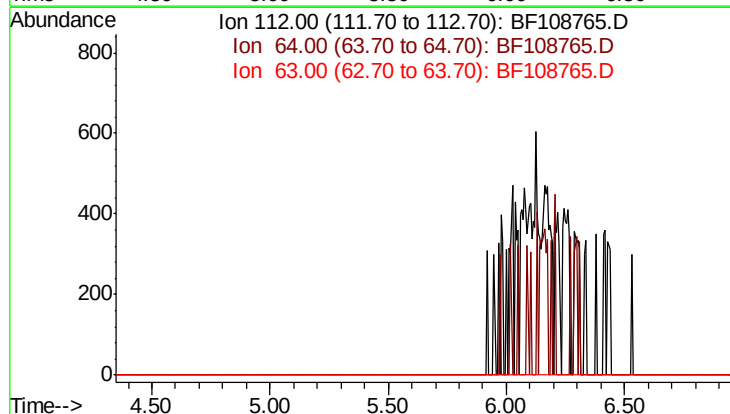


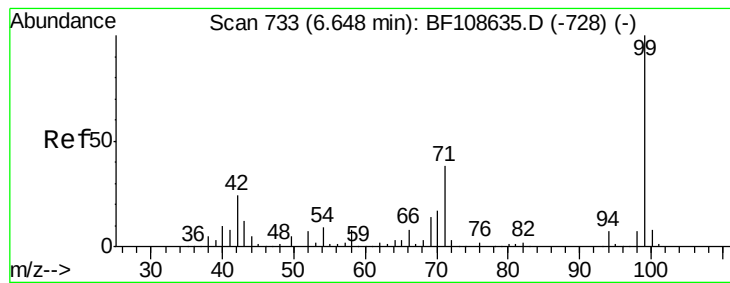
#5

2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.65 min

Lab File: BF108765.D
Acq: 5 Sep 2018 4:40

Tgt Ion: 112
Sig Exp Ratio
112 100
64 59.9
63 29.6





#7

Phenol-d6

Concen: 0.638 ng

RT: 6.77 min Scan# 753

Delta R.T. 0.12 min

Lab File: BF108765.D

Acq: 5 Sep 2018 4:40

Instrument :

BNA_F

ClientSampleId :

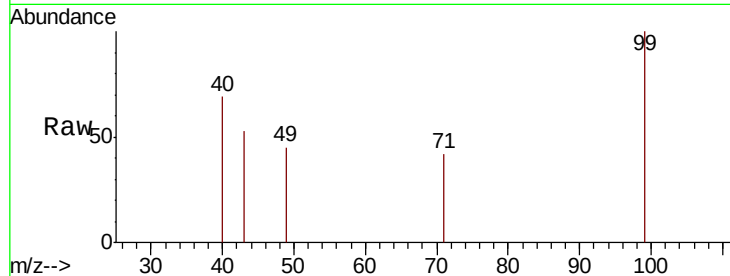
Tot Ion: 99 Resp: 2205

Ion Ratio Lower Upper

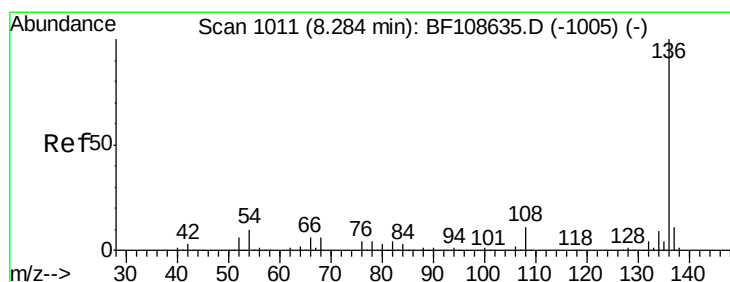
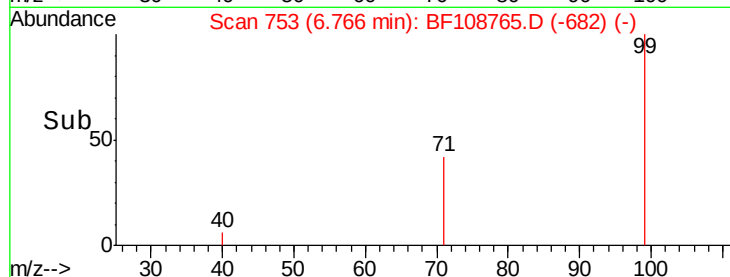
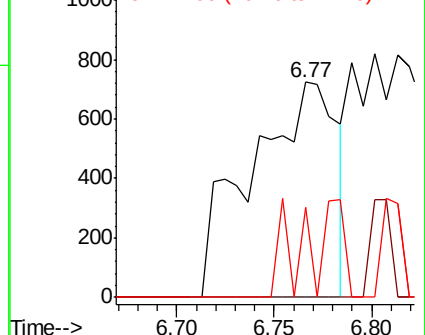
99 100

42 0.0 14.5 21.7#

71 41.6 25.4 38.0#



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.27 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF108765.D

Acq: 5 Sep 2018 4:40

Tgt Ion: 136 Resp: 241346

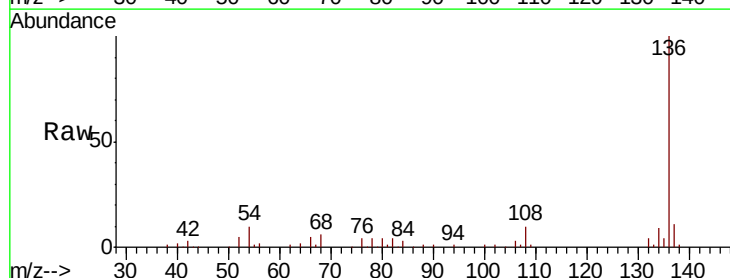
Ion Ratio Lower Upper

136 100

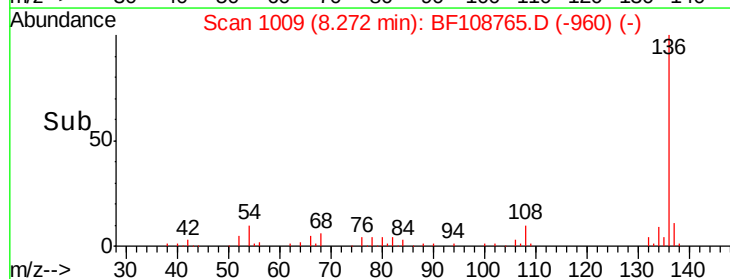
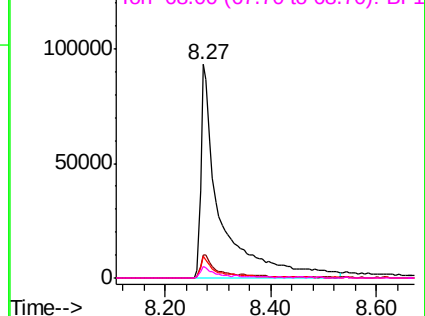
137 10.7 8.9 13.3

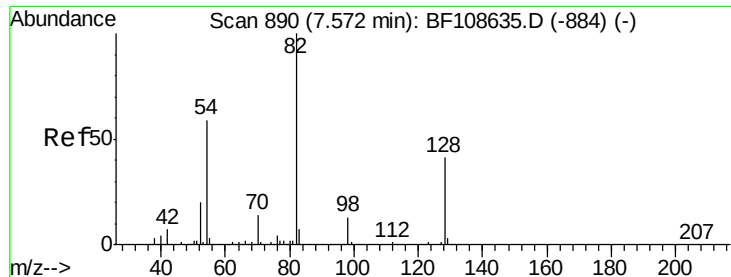
54 10.1 6.6 9.8#

68 5.7 5.0 7.4



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): BF1
Ion 68.00 (67.70 to 68.70): BF1

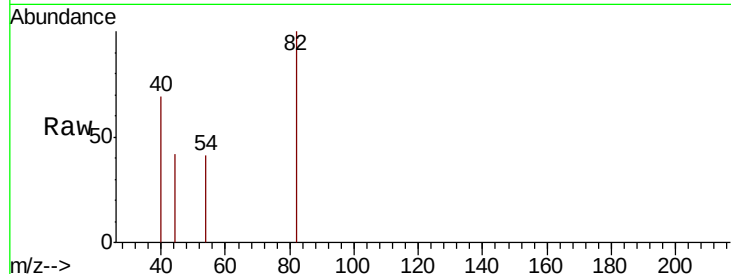




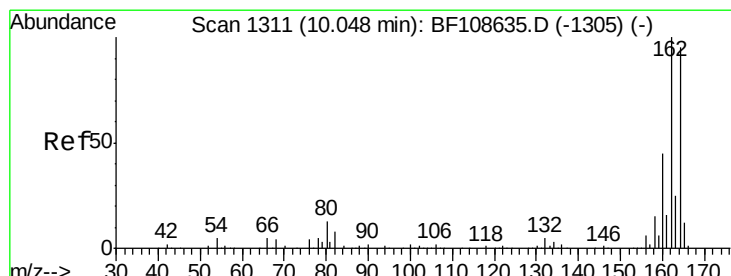
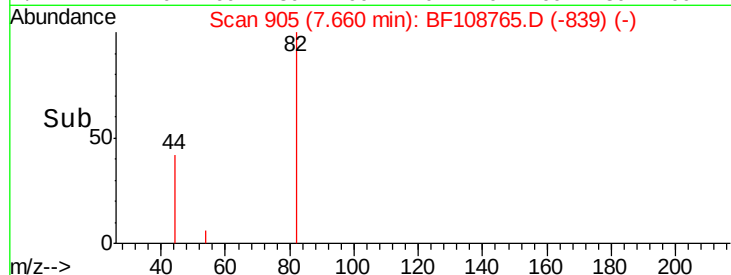
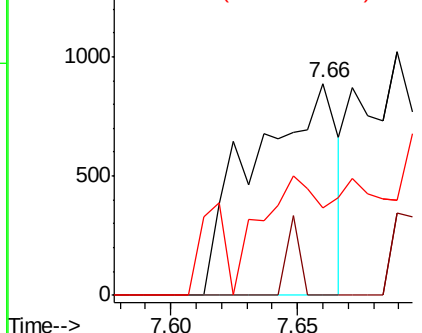
#23
 Nitrobenzene-d5
 Concen: 0.426 ng
 RT: 7.66 min Scan# 905
 Delta R.T. 0.09 min
 Lab File: BF108765.D
 Acq: 5 Sep 2018 4:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 2027
 Ion Ratio Lower Upper
 82 100
 128 0.0 36.1 54.1#
 54 41.0 41.4 62.2#

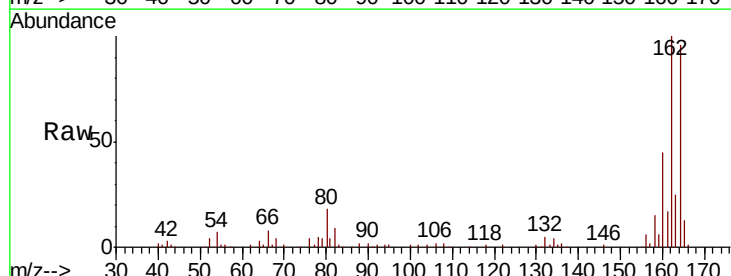


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

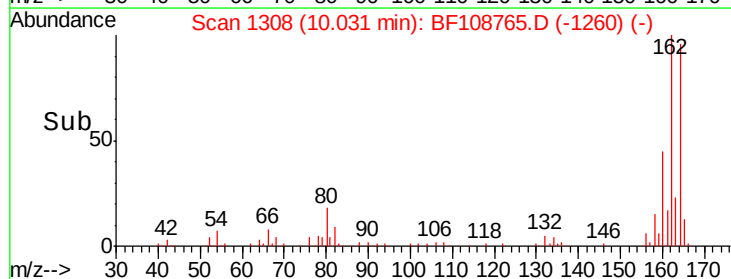
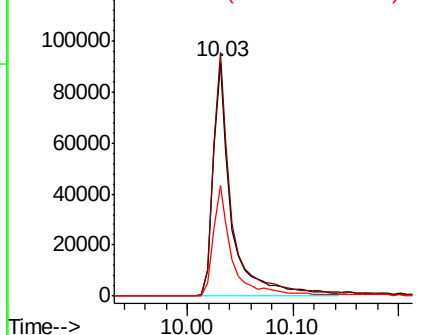


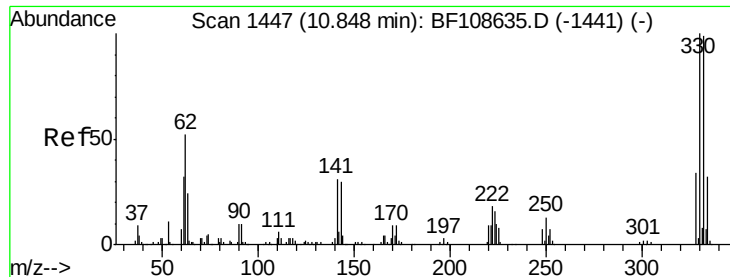
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.03 min Scan# 1308
 Delta R.T. -0.02 min
 Lab File: BF108765.D
 Acq: 5 Sep 2018 4:40

Tgt Ion: 164 Resp: 112944
 Ion Ratio Lower Upper
 164 100
 162 104.2 86.1 129.1
 160 47.1 38.3 57.5



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

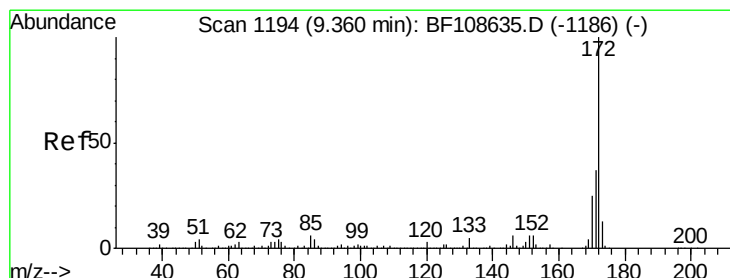
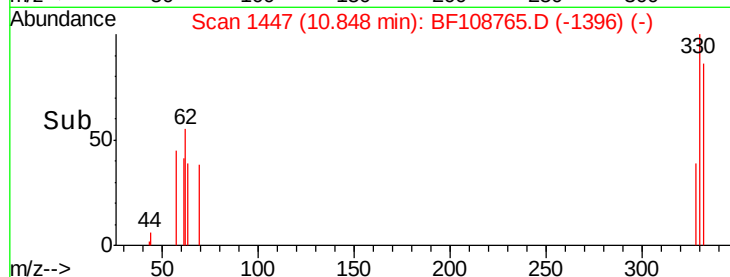
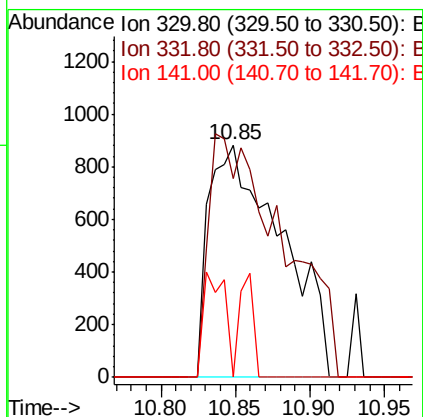
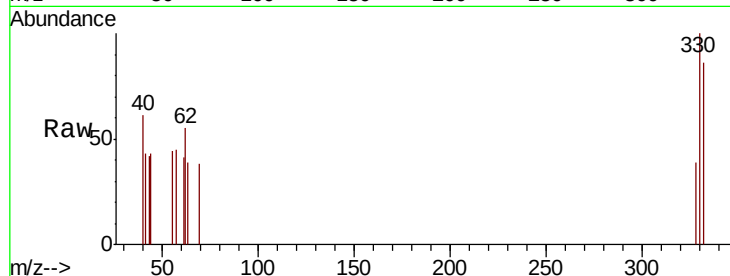




#41
 2,4,6-Tribromophenol
 Concen: 2.003 ng
 RT: 10.85 min Scan# 1447
 Delta R.T. 0.00 min
 Lab File: BF108765.D
 Acq: 5 Sep 2018 4:40

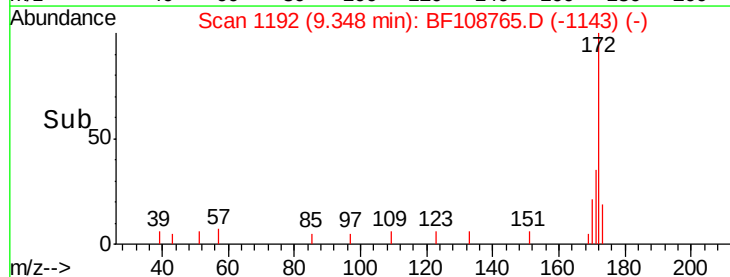
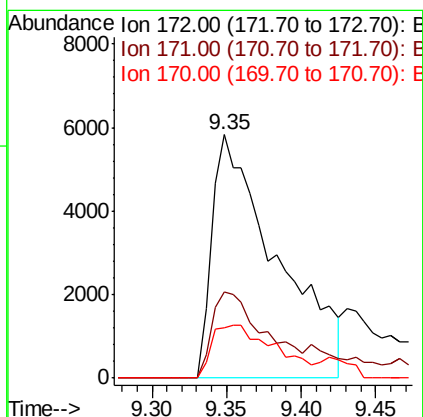
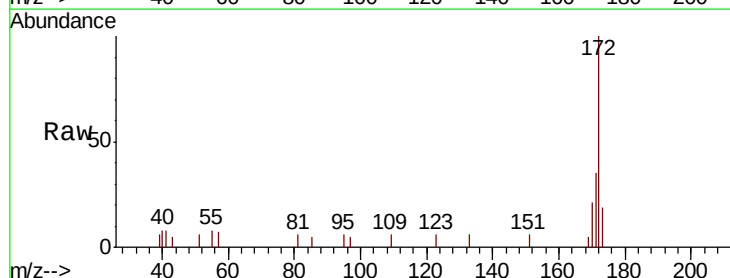
Instrument :
 BNA_F
 ClientSampled :

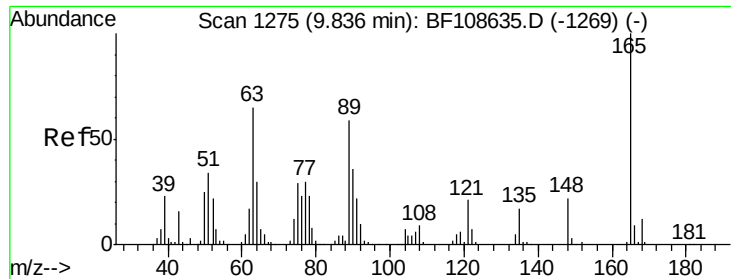
Tot Ion:330 Resp: 2987
 Ion Ratio Lower Upper
 330 100
 332 0.0 77.0 115.6#
 141 8.5 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 2.099 ng
 RT: 9.35 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF108765.D
 Acq: 5 Sep 2018 4:40

Tgt Ion:172 Resp: 17634
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.7 44.5
 170 20.8 19.6 29.4

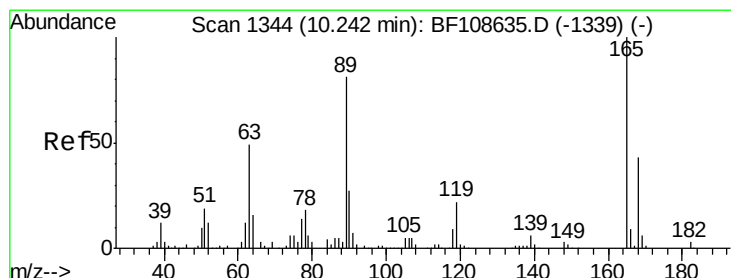
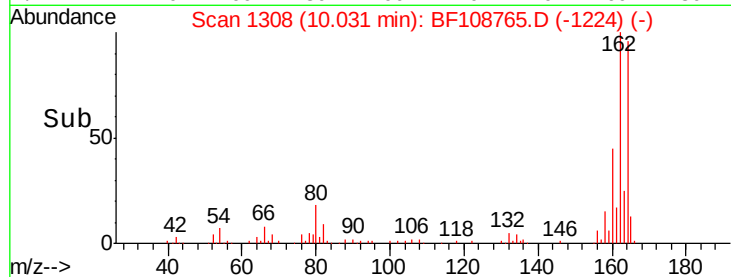
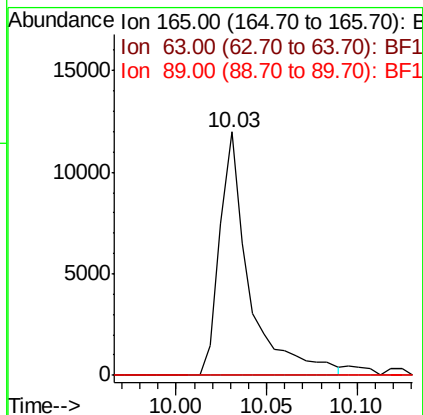
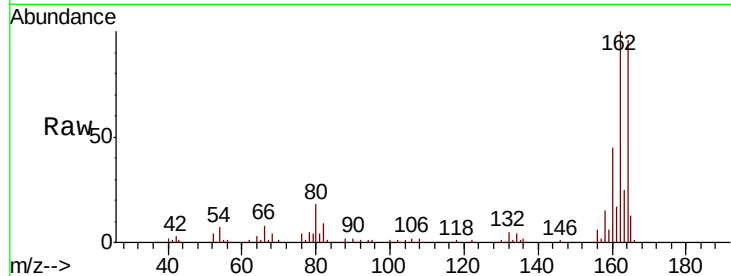




#50
 2,6-Dinitrotoluene
 Concen: 6.912 ng
 RT: 10.03 min Scan# 1308
 Delta R.T. 0.19 min
 Lab File: BF108765.D
 Acq: 5 Sep 2018 4:40

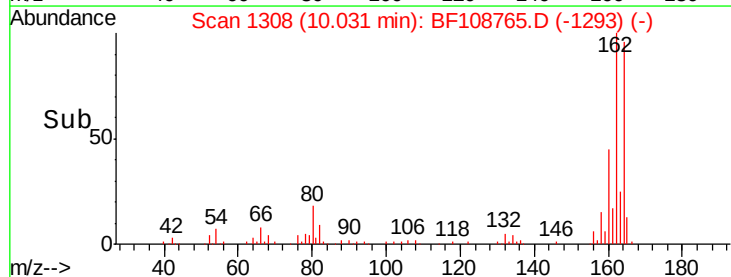
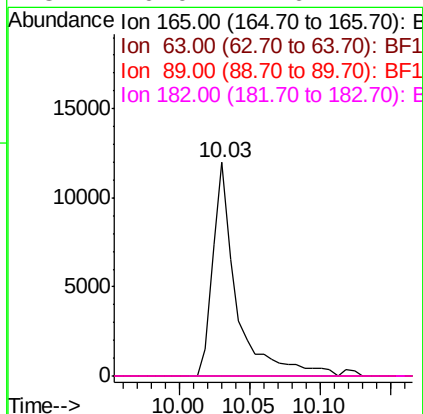
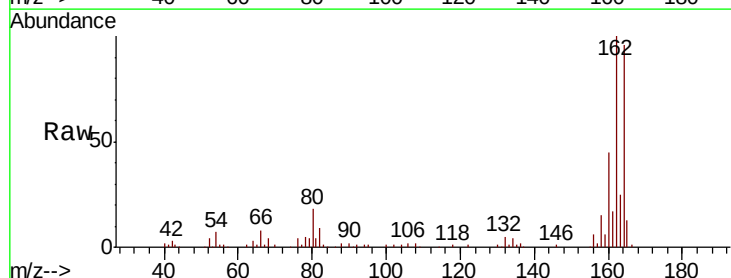
Instrument :
 BNA_F
 ClientSampleId :

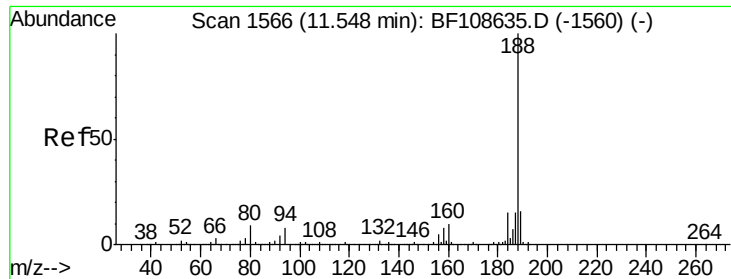
Tot Ion:165 Resp: 13550
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.383 ng
 RT: 10.03 min Scan# 1308
 Delta R.T. -0.21 min
 Lab File: BF108765.D
 Acq: 5 Sep 2018 4:40

Tgt Ion:165 Resp: 13972
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.4 54.6#
 89 0.0 57.8 86.6#
 182 0.0 1.6 2.4#

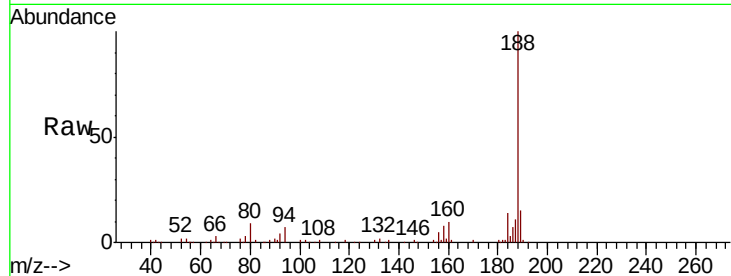




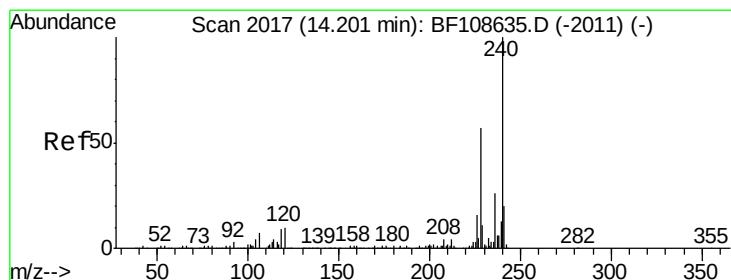
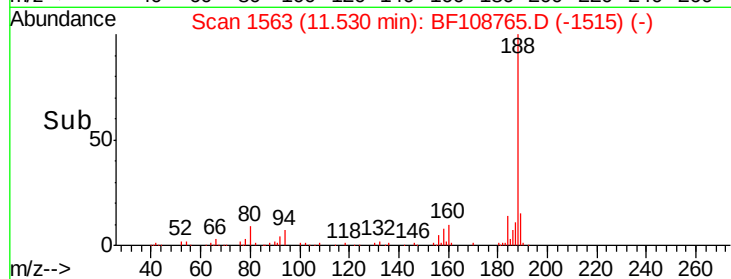
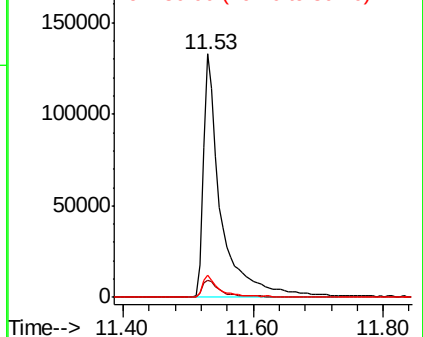
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.53 min Scan# 1563
Delta R.T. -0.02 min
Lab File: BF108765.D
Acq: 5 Sep 2018 4:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 249312
Ion Ratio Lower Upper
188 100
94 7.1 8.5 12.7#
80 9.2 9.2 13.8#

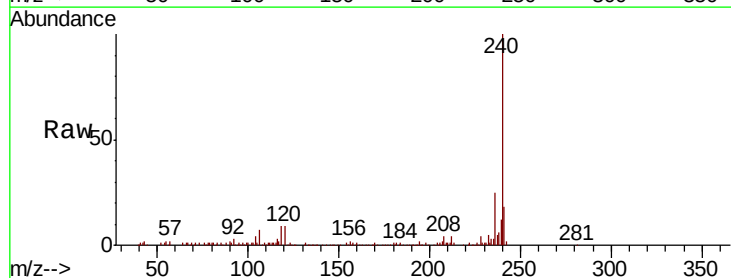


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

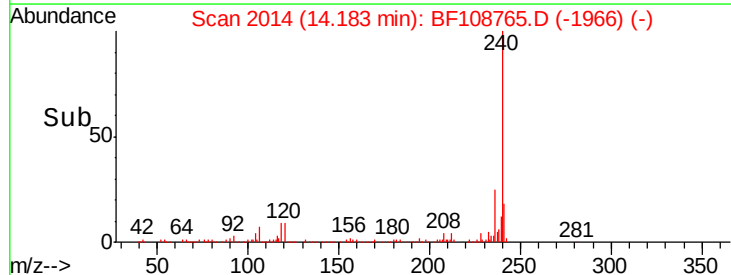
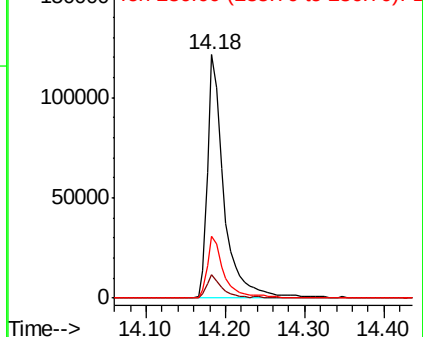


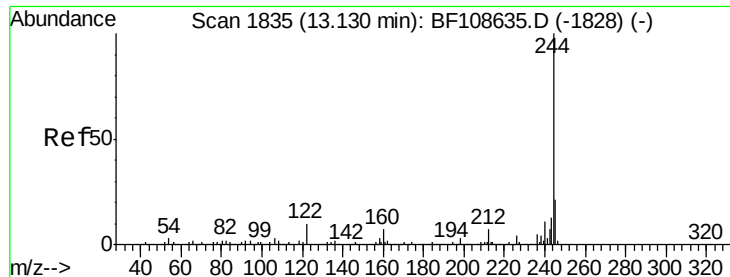
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.02 min
Lab File: BF108765.D
Acq: 5 Sep 2018 4:40

Tgt Ion:240 Resp: 176226
Ion Ratio Lower Upper
240 100
120 9.5 9.5 14.3#
236 25.3 20.7 31.1



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: 3.460 ng

RT: 13.11 min Scan# 1832

Delta R.T. -0.02 min

Lab File: BF108765.D

Acq: 5 Sep 2018 4:40

Instrument :

BNA_F

ClientSampleId :

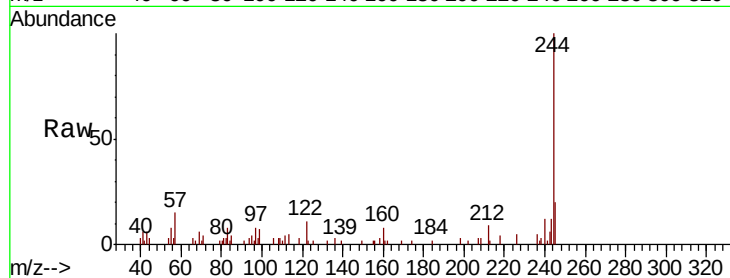
Tot Ion:244 Resp: 31380

Ion Ratio Lower Upper

244 100

212 8.7 5.4 8.0#

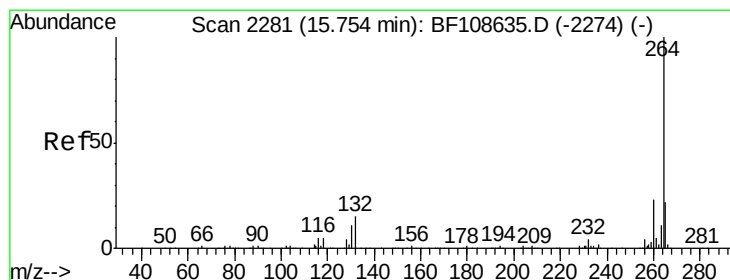
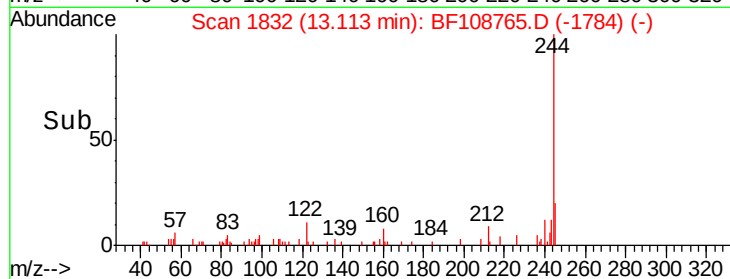
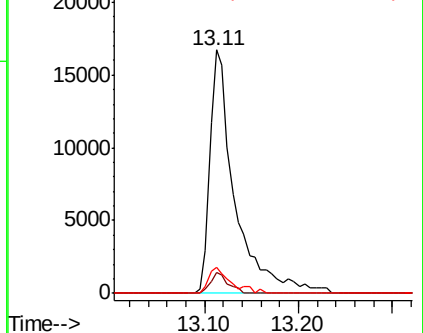
122 10.7 11.0 16.4#



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: 15.74 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BF108765.D

Acq: 5 Sep 2018 4:40

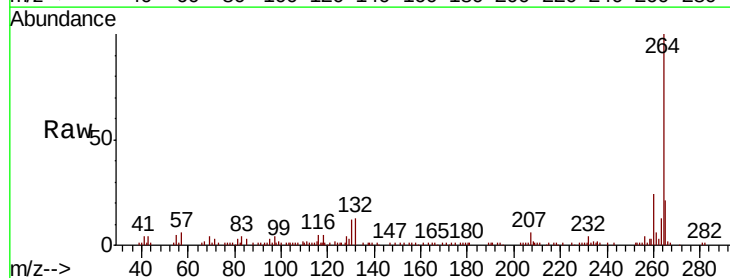
Tgt Ion:264 Resp: 125113

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 20.8 17.5 26.3



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

