

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101018\
 Data File : BF109756.D
 Acq On : 10 Oct 2018 21:41
 Operator : JU/SJ
 Sample : J4799-02 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WASTE-WATER

Quant Time: Oct 11 05:48:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

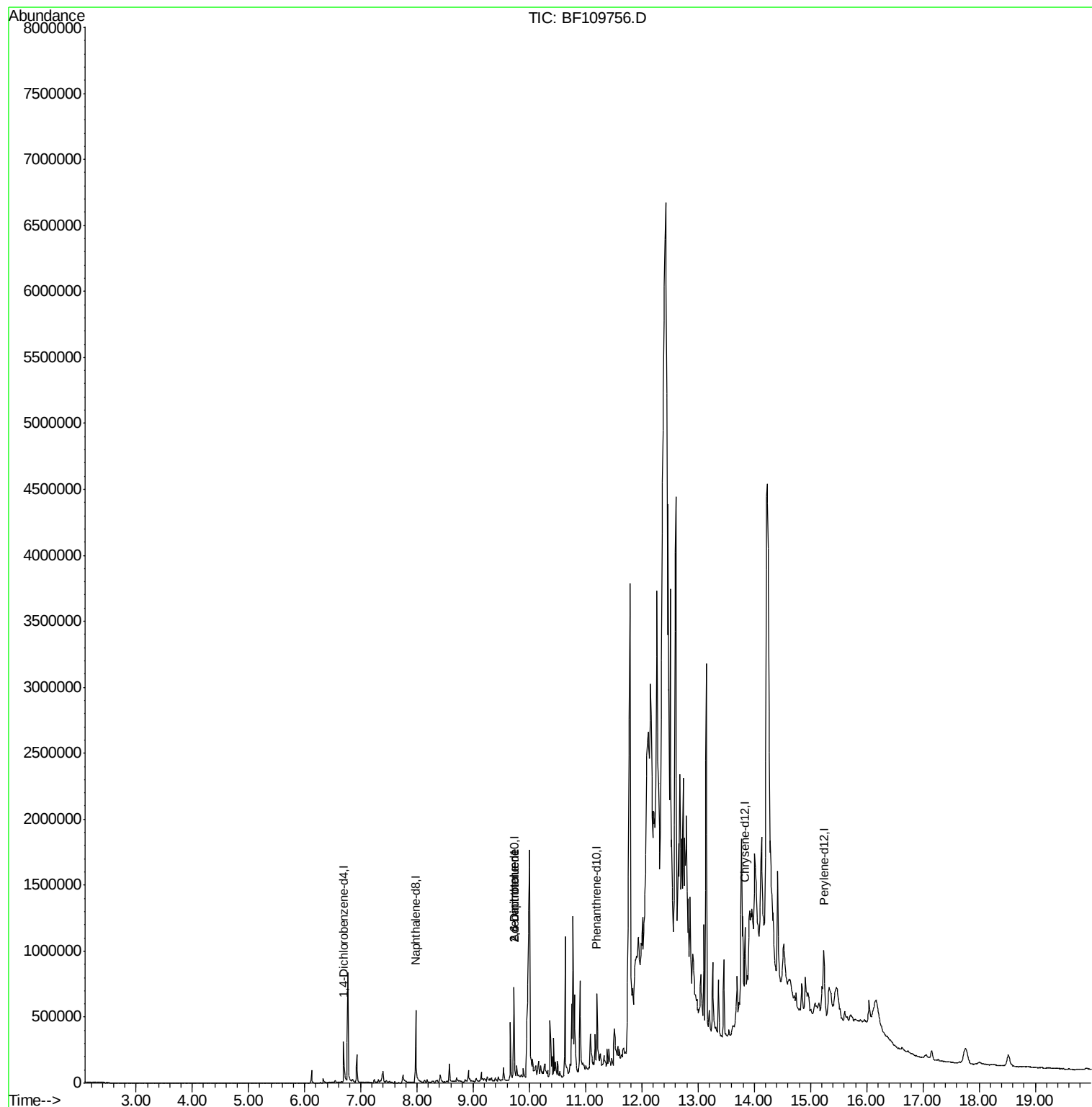
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	66967	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	320747	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	145807	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	250538	20.00	ng	0.00
75) Chrysene-d12	13.83	240	197426	20.00	ng	0.00
86) Perylene-d12	15.24	264	190484	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.38	99	112	0.02	ng	0.02
23) Nitrobenzene-d5	7.28	82	4943	0.85	ng	0.01
41) 2,4,6-Tribromophenol	10.52	330	1648	1.04	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	16052	1.52	ng	0.00
78) Terphenyl-d14	12.79	244	10805	1.06	ng	0.00
Target Compounds						
50) 2,6-Dinitrotoluene	9.72	165	19398	8.368	ng	# 24
56) 2,4-Dinitrotoluene	9.72	165	19398	6.706	ng	# 20

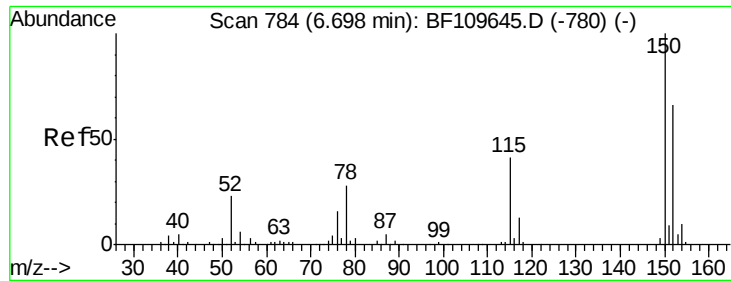
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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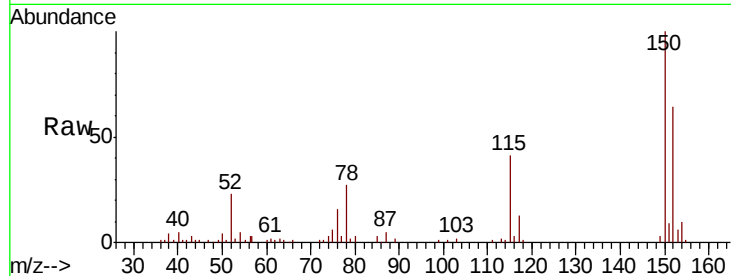


#1

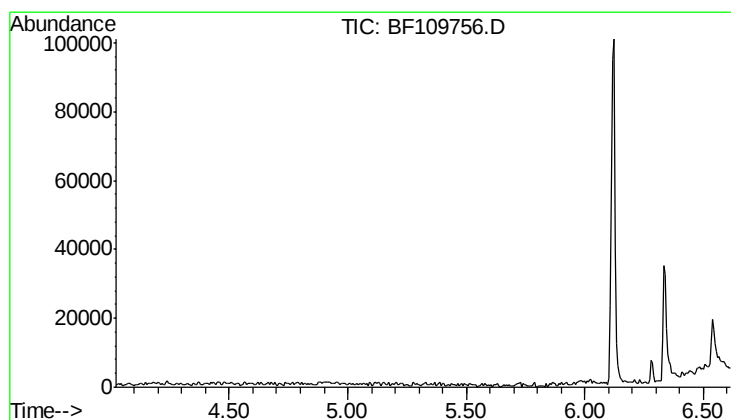
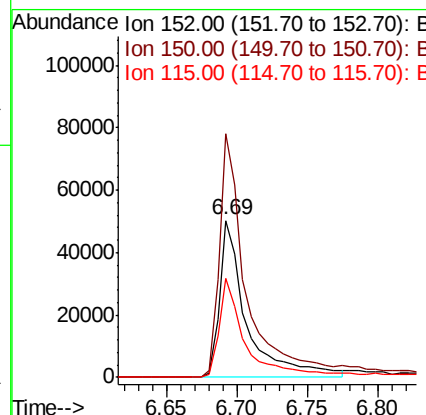
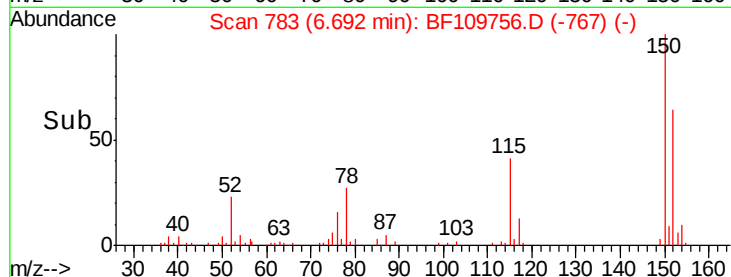
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109756.D
Acq: 10 Oct 2018 21:41

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

Tgt Ion:152 Resp: 66967
Ion Ratio Lower Upper
152 100
150 155.2 122.7 184.1
115 63.4 49.1 73.7



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

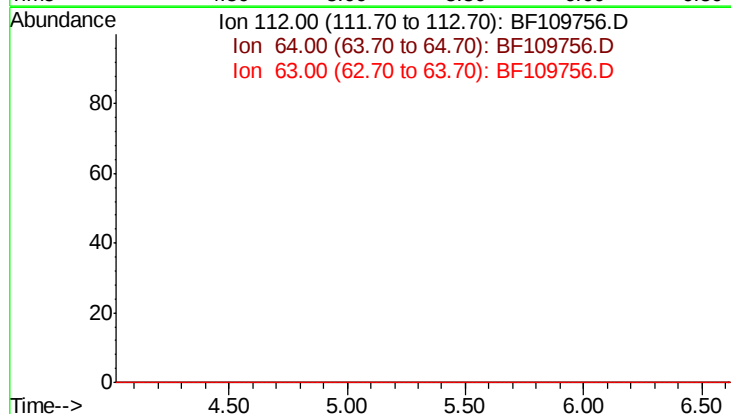


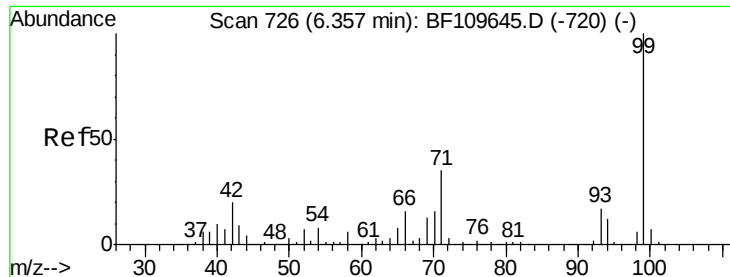
#5

2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.32 min

Lab File: BF109756.D
Acq: 10 Oct 2018 21:41

Tgt Ion: 112
Sig Exp Ratio
112 100
64 55.1
63 29.6





#7

Phenol-d6

Concen: 0.022 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.02 min

Lab File: BF109756.D

Acq: 10 Oct 2018 21:41

Instrument :

BNA_F

ClientSampleId :

EFF-WASTE-WATER

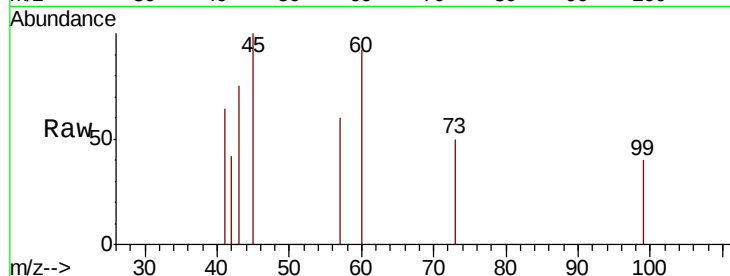
Tgt Ion: 99 Resp: 112

Ion Ratio Lower Upper

99 100

42 106.0 15.8 23.6#

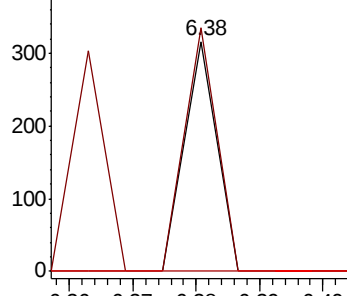
71 0.0 28.0 42.0#



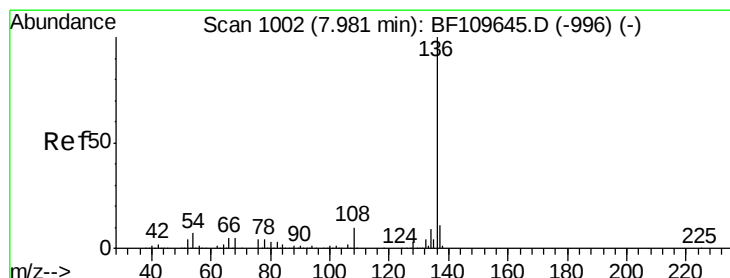
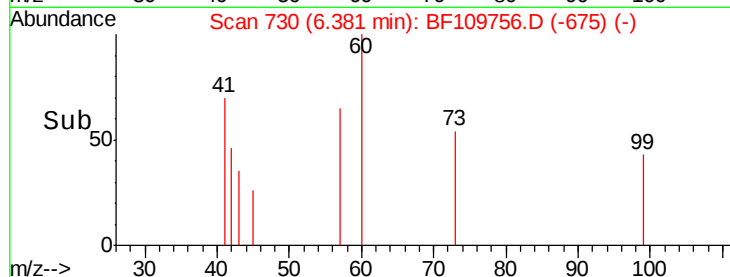
Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF109756.D

Acq: 10 Oct 2018 21:41

Tgt Ion: 136 Resp: 320747

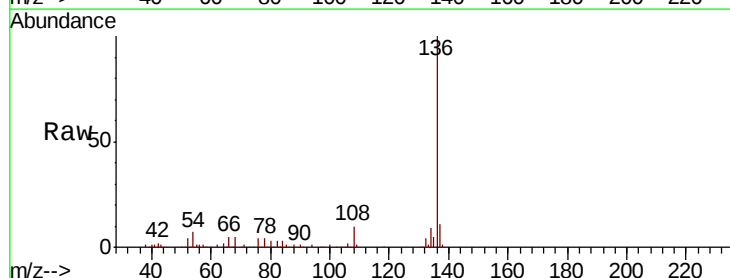
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 6.9 5.4 8.2

68 5.0 4.2 6.2

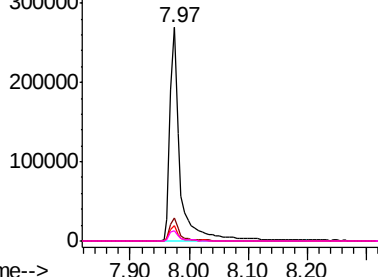


Abundance Ion 136.00 (135.70 to 136.70): E

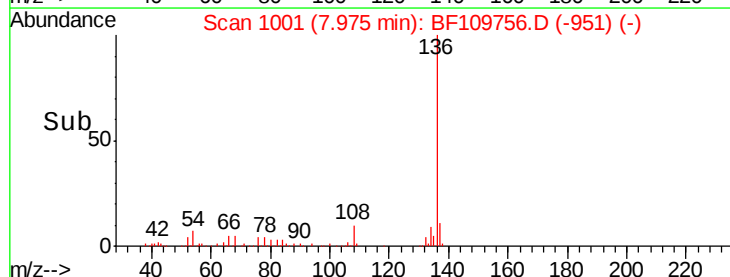
Ion 137.00 (136.70 to 137.70): E

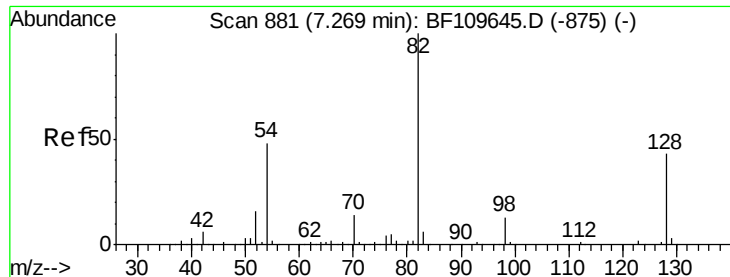
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->

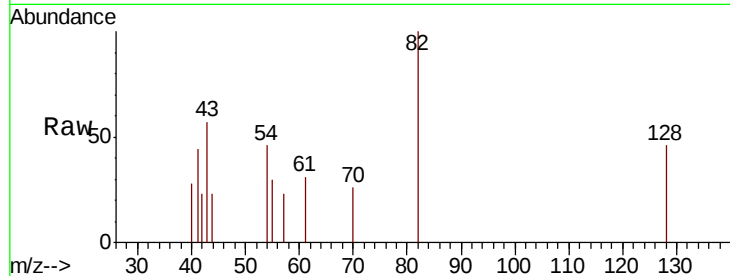




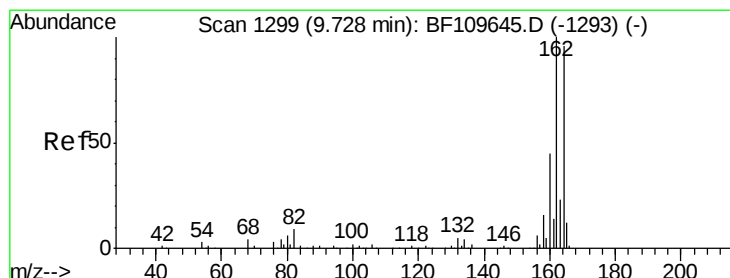
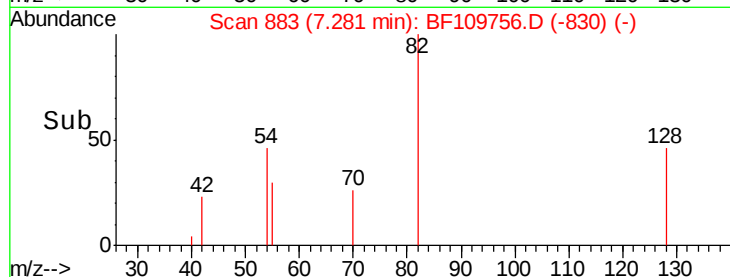
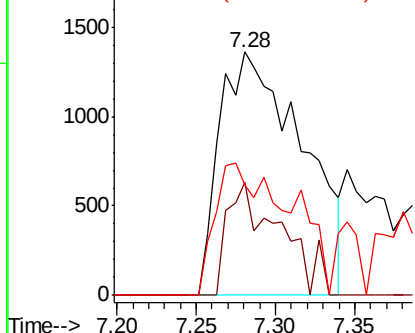
#23
 Nitrobenzene-d5
 Concen: 0.850 ng
 RT: 7.28 min Scan# 883
 Delta R.T. 0.01 min
 Lab File: BF109756.D
 Acq: 10 Oct 2018 21:41

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WASTE-WATER

Tgt Ion: 82 Resp: 4943
 Ion Ratio Lower Upper
 82 100
 128 46.2 34.2 51.2
 54 45.5 38.6 58.0

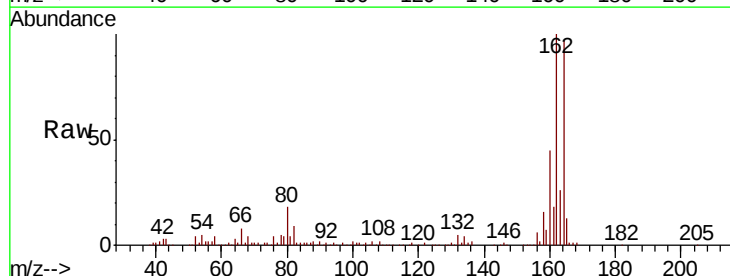


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

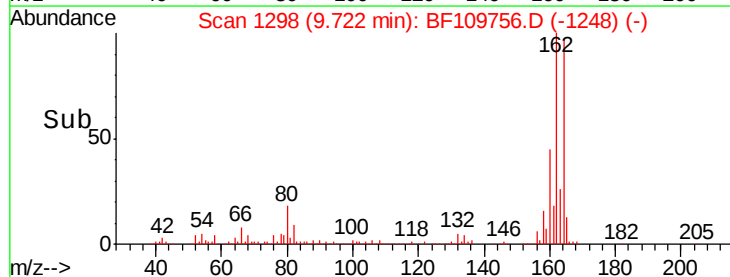
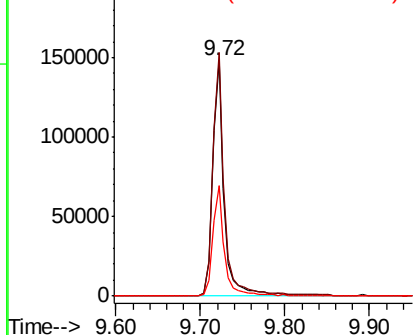


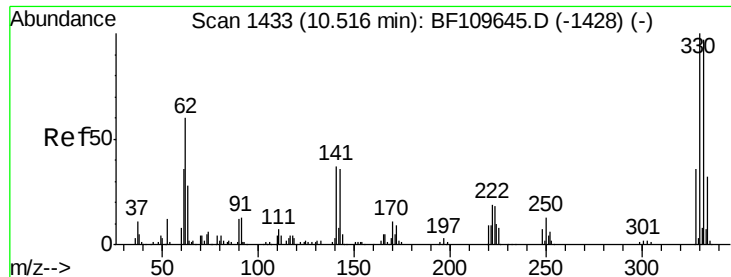
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109756.D
 Acq: 10 Oct 2018 21:41

Tgt Ion: 164 Resp: 145807
 Ion Ratio Lower Upper
 164 100
 162 103.3 83.0 124.6
 160 46.9 37.0 55.6



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

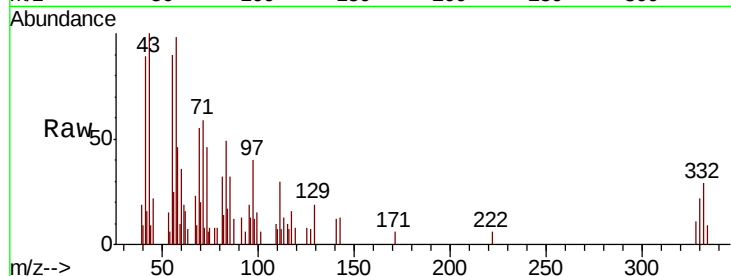




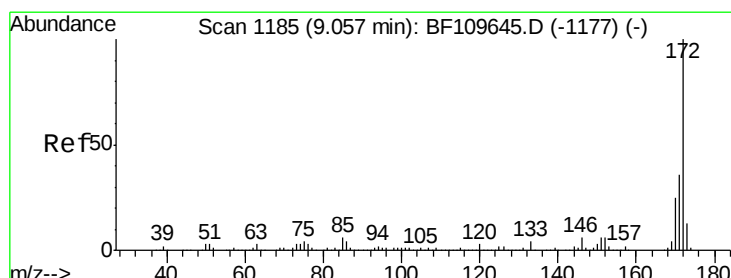
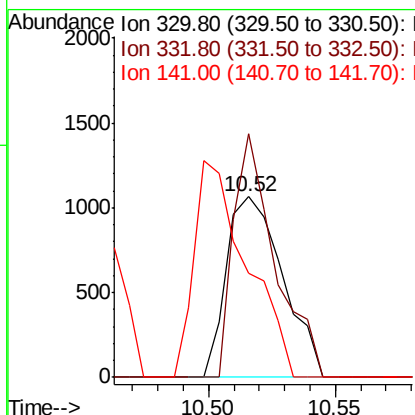
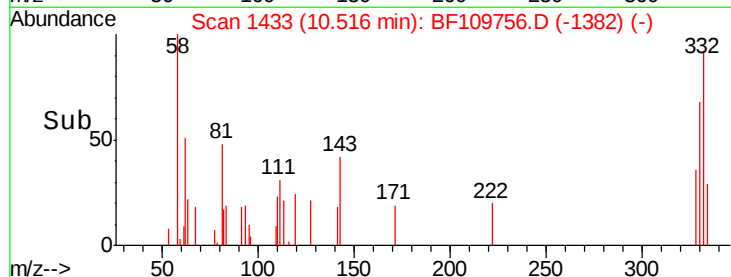
#41
 2,4,6-Tribromophenol
 Concen: 1.037 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF109756.D
 Acq: 10 Oct 2018 21:41

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WASTE-WATER

Tgt Ion:330 Resp: 1648
 Ion Ratio Lower Upper
 330 100
 332 99.0 77.1 115.7
 141 111.3 27.0 40.4#

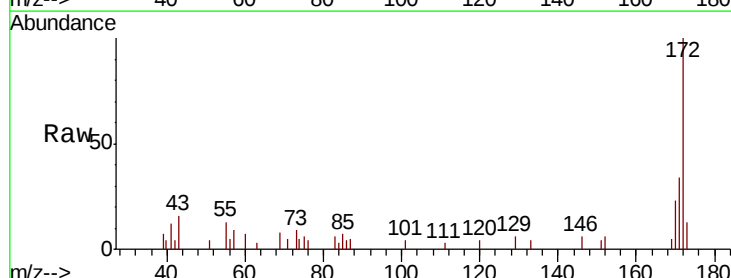


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

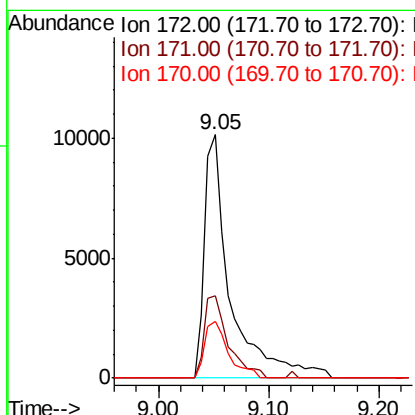
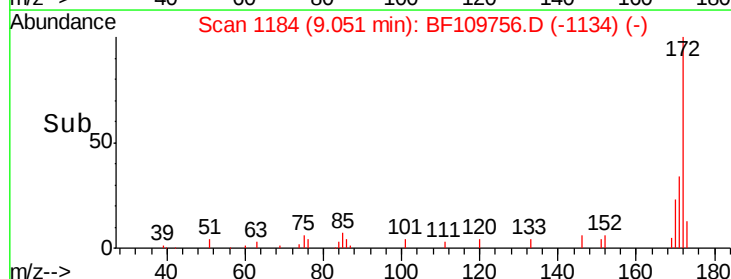


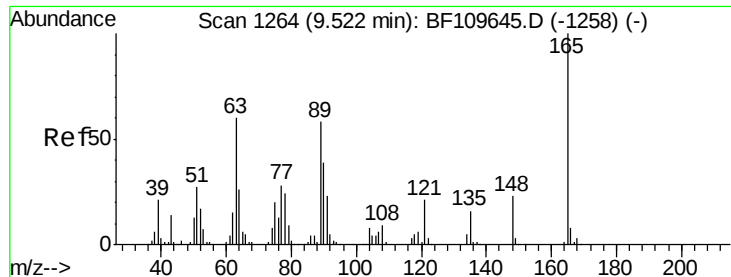
#44
 2-Fluorobiphenyl
 Concen: 1.516 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109756.D
 Acq: 10 Oct 2018 21:41

Tgt Ion:172 Resp: 16052
 Ion Ratio Lower Upper
 172 100
 171 33.9 28.6 43.0
 170 23.3 19.7 29.5



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

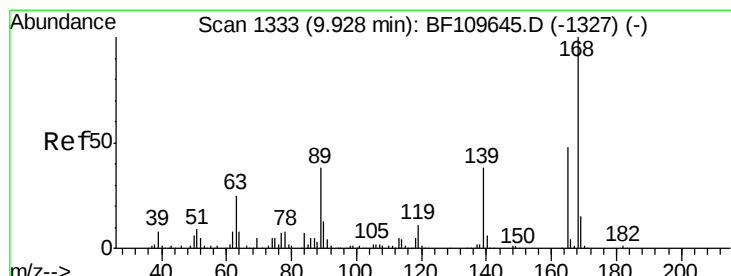
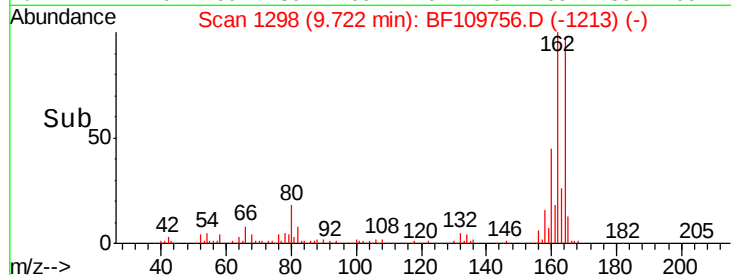
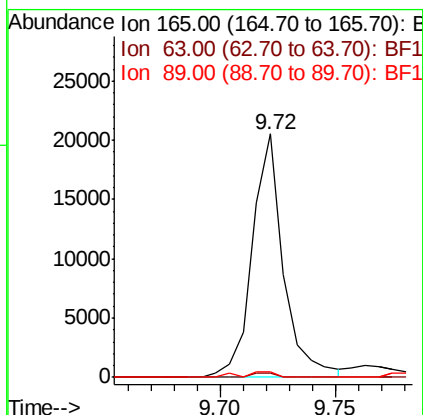
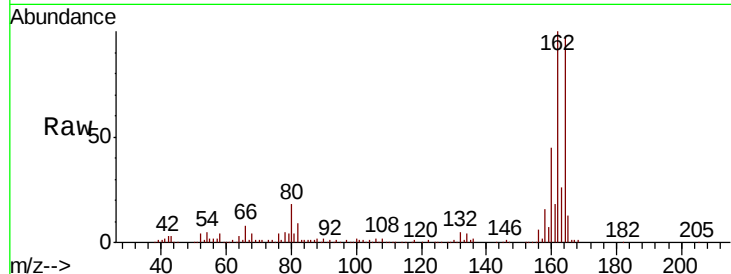




#50
 2,6-Dinitrotoluene
 Concen: 8.368 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. 0.20 min
 Lab File: BF109756.D
 Acq: 10 Oct 2018 21:41

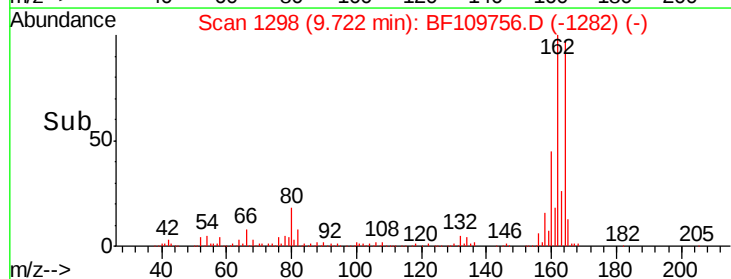
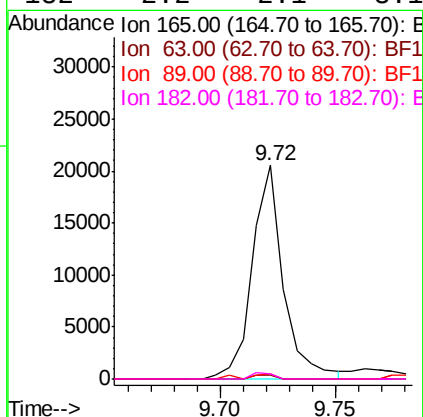
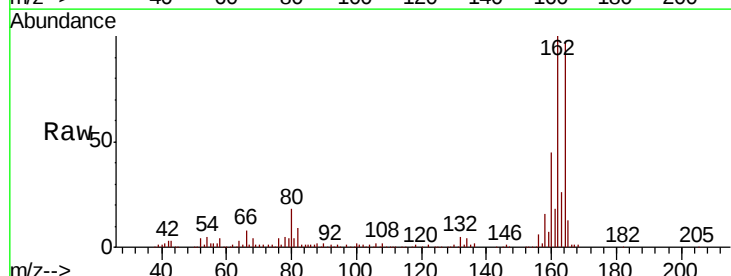
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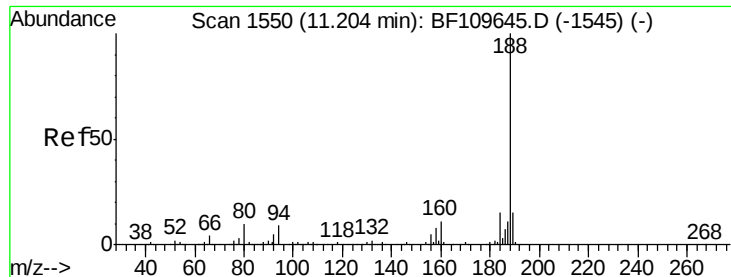
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	48.9	73.3#
89	2.5	46.6	69.8#



#56
 2,4-Dinitrotoluene
 Concen: 6.706 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.21 min
 Lab File: BF109756.D
 Acq: 10 Oct 2018 21:41

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.8	67.2#
89	2.5	62.2	93.4#
182	2.2	2.1	3.1

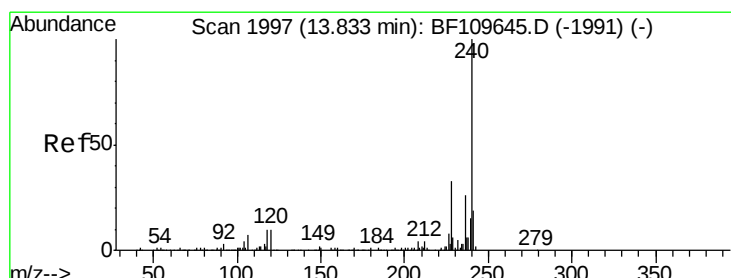
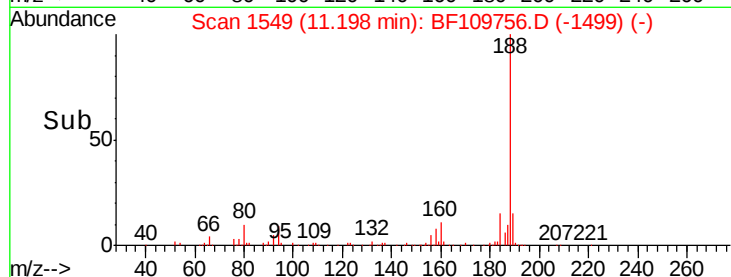
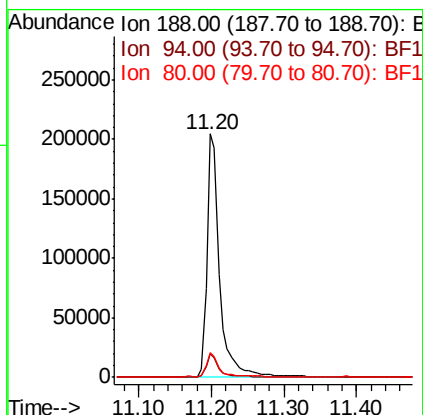
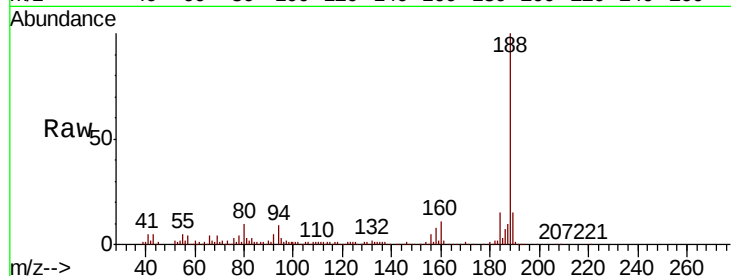




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109756.D
Acq: 10 Oct 2018 21:41

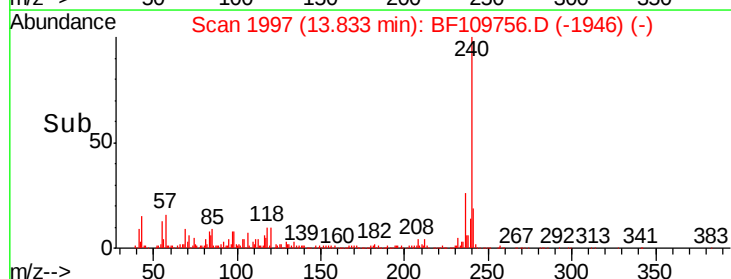
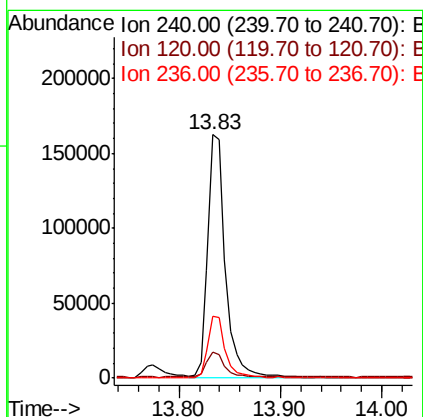
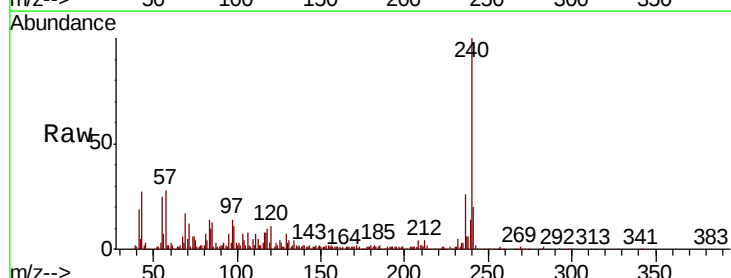
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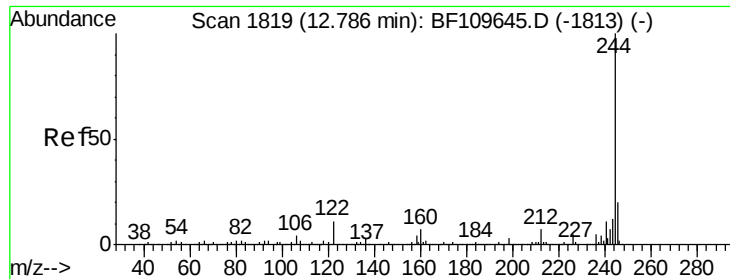
Tgt Ion:188 Resp: 250538
Ion Ratio Lower Upper
188 100
94 9.5 7.2 10.8
80 10.1 7.9 11.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BF109756.D
Acq: 10 Oct 2018 21:41

Tgt Ion:240 Resp: 197426
Ion Ratio Lower Upper
240 100
120 10.5 8.3 12.5
236 25.6 21.2 31.8





#78

Terphenyl-d14

Concen: 1.059 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.00 min

Lab File: BF109756.D

Acq: 10 Oct 2018 21:41

Instrument :

BNA_F

ClientSampleId :

EFF-WASTE-WATER

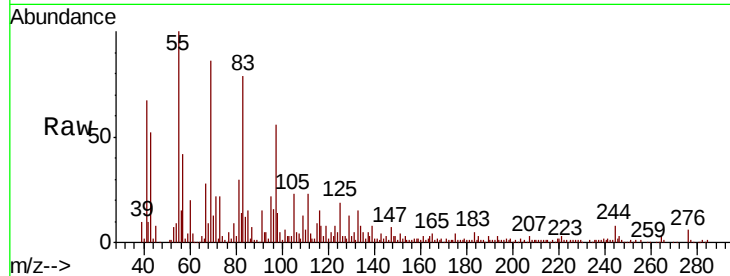
Tgt Ion:244 Resp: 10805

Ion Ratio Lower Upper

244 100

212 10.1 5.8 8.8#

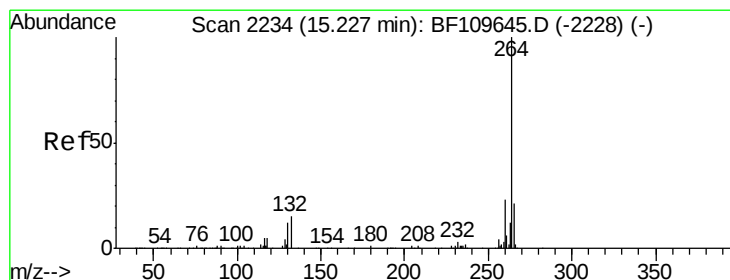
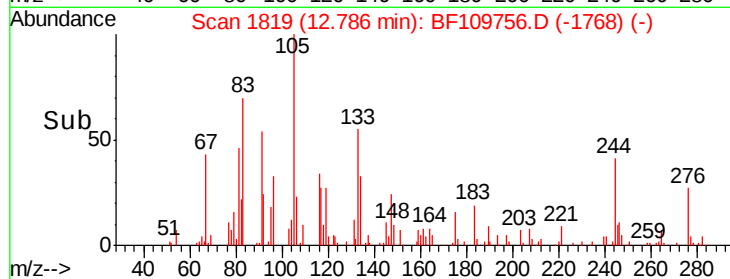
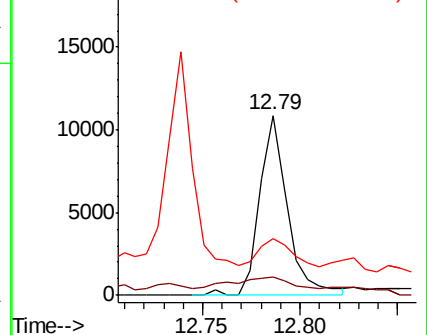
122 31.3 8.7 13.1#



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: 15.24 min Scan# 2236

Delta R.T. 0.01 min

Lab File: BF109756.D

Acq: 10 Oct 2018 21:41

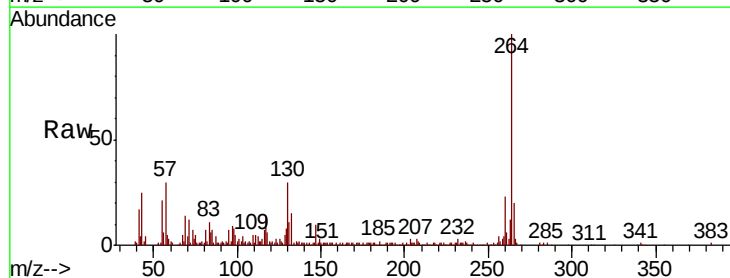
Tgt Ion:264 Resp: 190484

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 20.2 16.7 25.1



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

