

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100418\
 Data File : BF109603.D
 Acq On : 4 Oct 2018 22:29
 Operator : JU/SJ
 Sample : J5214-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N48963

Quant Time: Oct 05 02:21:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

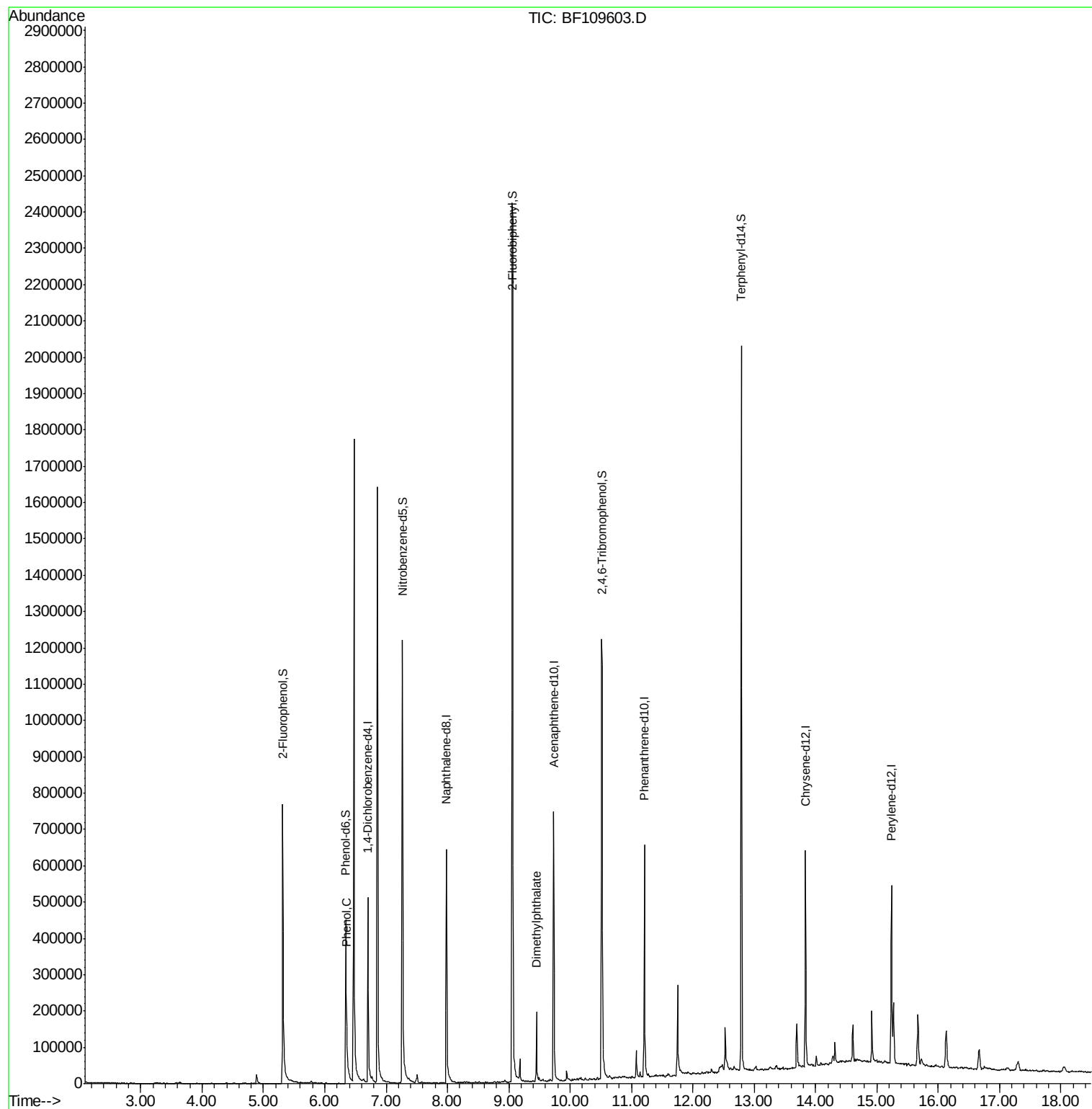
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	92993	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	355031	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	154475	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	257253	20.00	ng	0.00
75) Chrysene-d12	13.84	240	214548	20.00	ng	0.00
86) Perylene-d12	15.24	264	221456	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	266366	47.18	ng	0.00
7) Phenol-d6	6.35	99	211227	29.32	ng	-0.01
23) Nitrobenzene-d5	7.27	82	502472	83.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	176809	116.11	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	893715	87.26	ng	-0.01
78) Terphenyl-d14	12.79	244	694215	79.41	ng	-0.01
Target Compounds						
10) Phenol	6.36	94	18173	2.227	ng	77
49) Dimethylphthalate	9.45	163	76769	6.833	ng	100

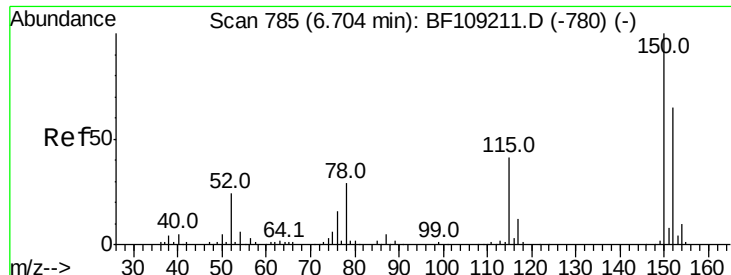
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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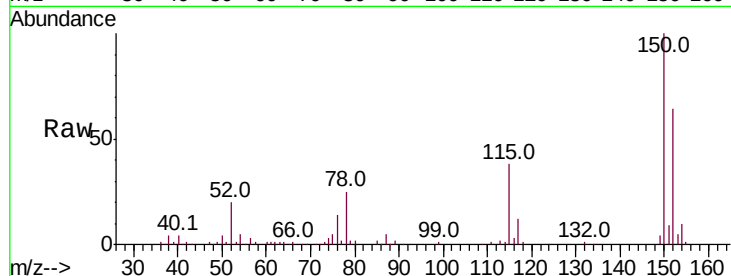


#1

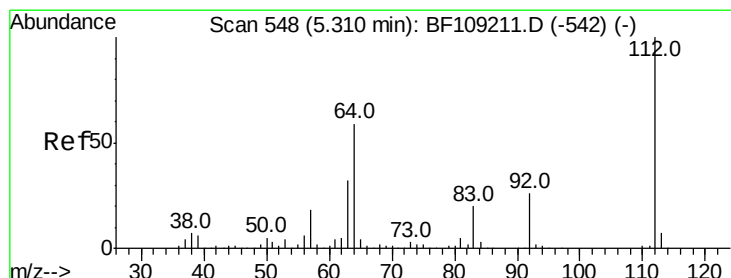
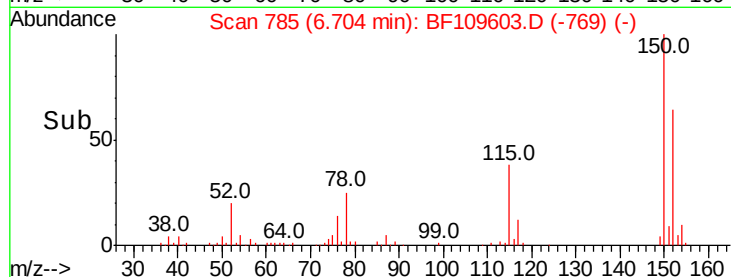
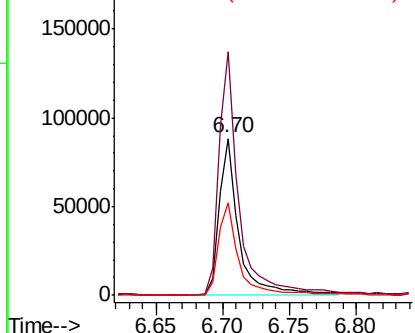
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109603.D
Acq: 4 Oct 2018 22:29

Instrument :
BNA_F
ClientSampleId :
N48963

Tot Ion:152 Resp: 92993
Ion Ratio Lower Upper
152 100
150 155.1 124.6 186.8
115 59.1 50.1 75.1



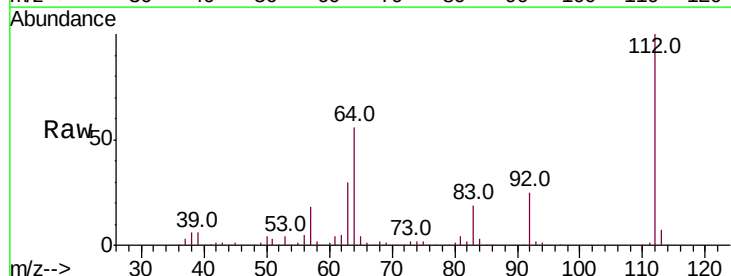
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



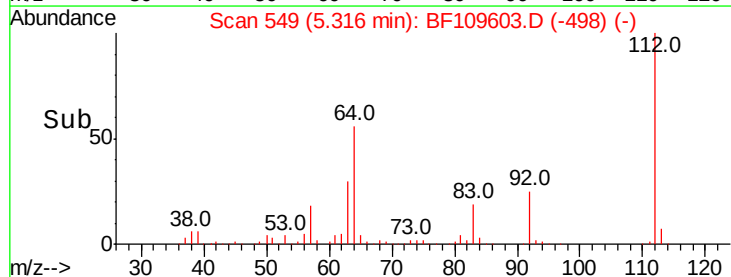
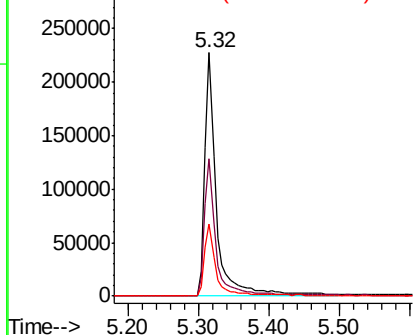
#5

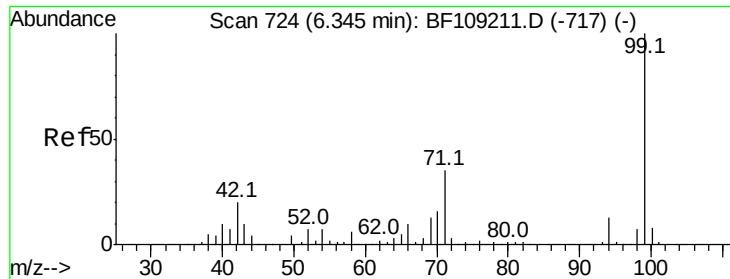
2-Fluorophenol
Concen: 47.178 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF109603.D
Acq: 4 Oct 2018 22:29

Tgt Ion:112 Resp: 266366
Ion Ratio Lower Upper
112 100
64 56.2 47.9 71.9
63 29.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 29.319 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109603.D

Acq: 4 Oct 2018 22:29

Instrument :

BNA_F

ClientSampled :

N48963

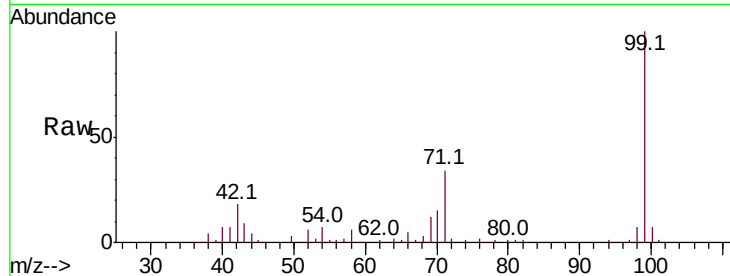
Tot Ion: 99 Resp: 211227

Ion Ratio Lower Upper

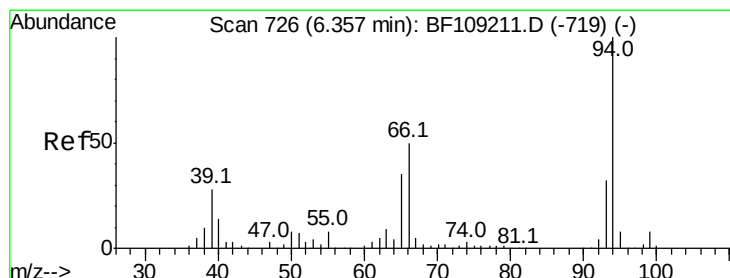
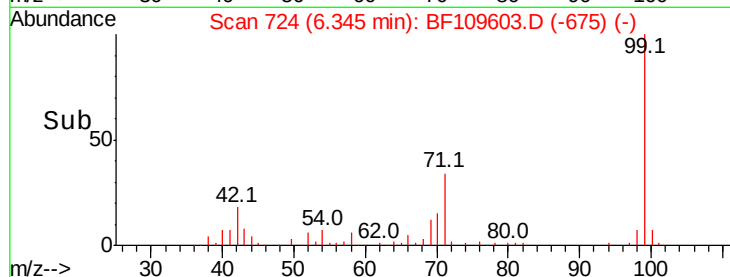
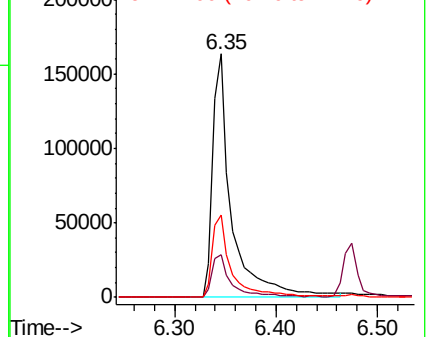
99 100

42 17.5 14.5 21.7

71 33.8 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



#10

Phenol

Concen: 2.227 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF109603.D

Acq: 4 Oct 2018 22:29

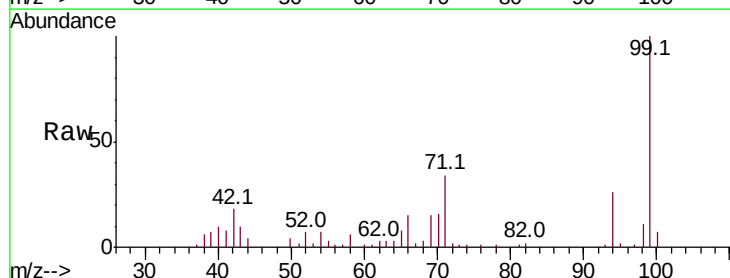
Tgt Ion: 94 Resp: 18173

Ion Ratio Lower Upper

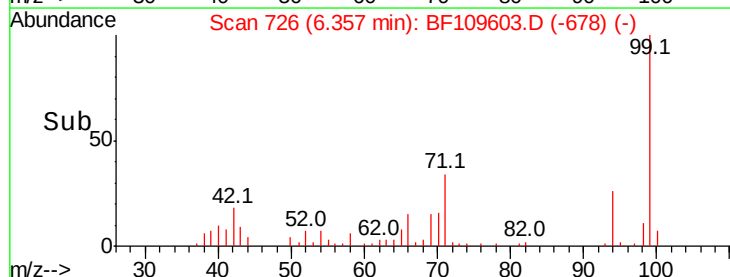
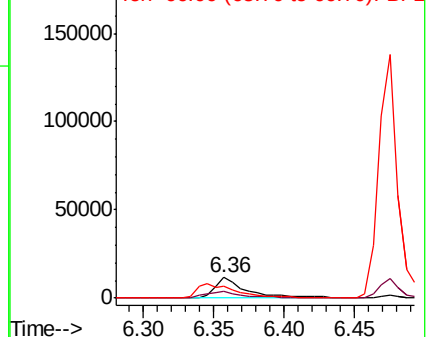
94 100

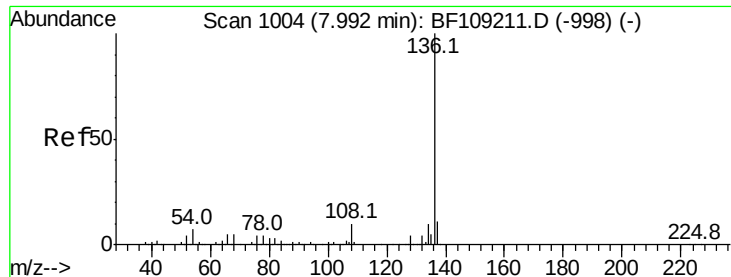
65 32.1 7.9 47.9

66 56.2 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

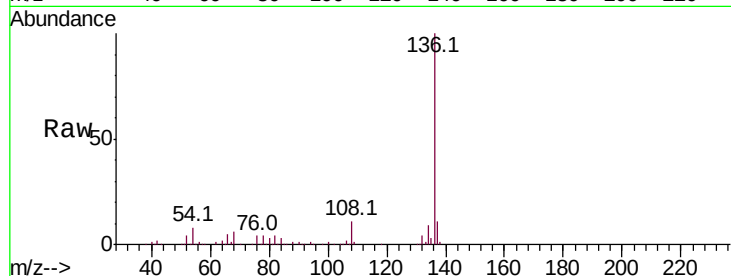




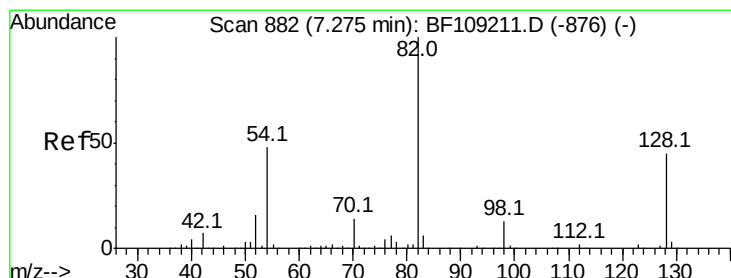
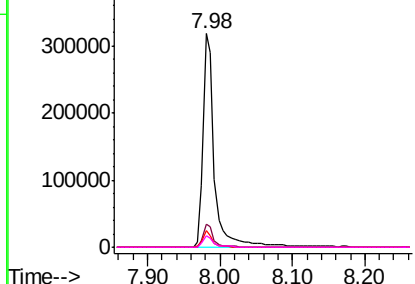
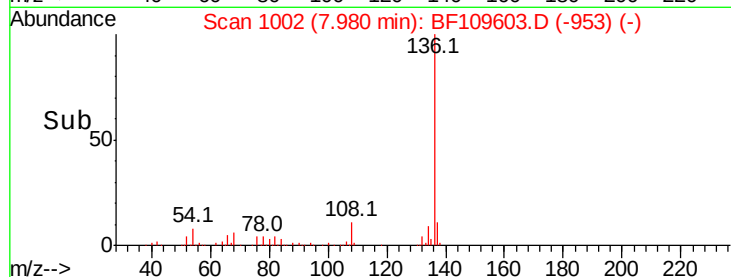
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF109603.D
Acq: 4 Oct 2018 22:29

Instrument :
BNA_F
ClientSampleId :
N48963

Tot Ion:136	Resp:	355031
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.9 13.3
54	7.5	6.6 9.8
68	5.5	5.0 7.4

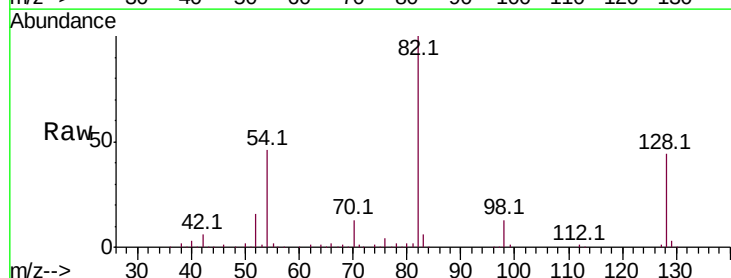


Abundance Ion 136.00 (135.70 to 136.70): E
500000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

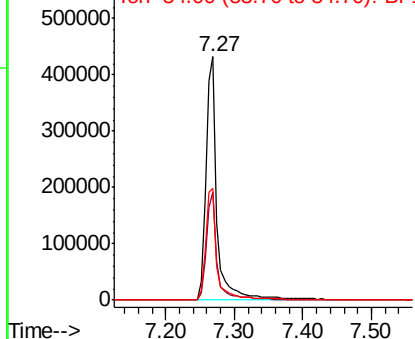
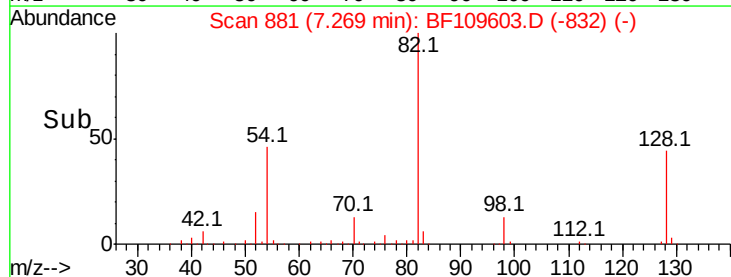


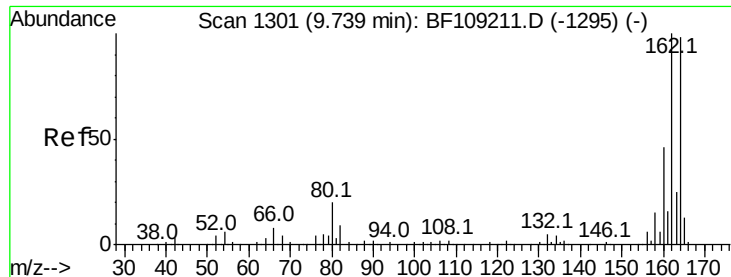
#23
Nitrobenzene-d5
Concen: 83.547 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109603.D
Acq: 4 Oct 2018 22:29

Tgt Ion: 82	Resp:	502472
Ion	Ratio	Lower Upper
82	100	
128	44.1	36.1 54.1
54	45.8	41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
600000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

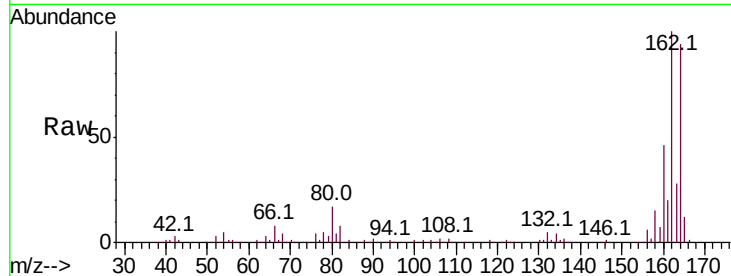




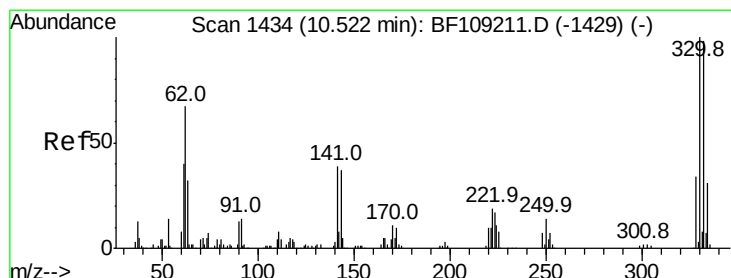
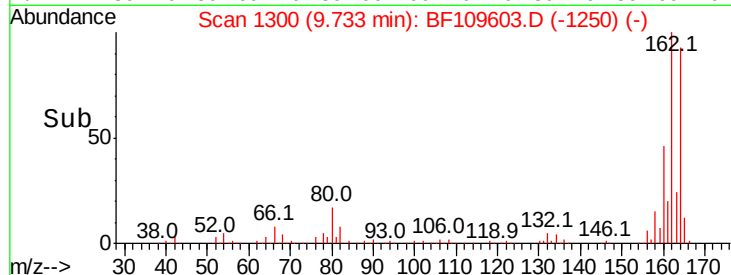
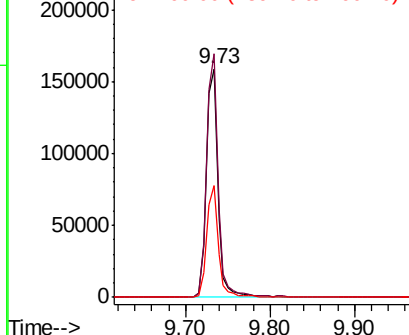
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109603.D
 Acq: 4 Oct 2018 22:29

Instrument :
 BNA_F
 ClientSampleId :
 N48963

Tot Ion:164 Resp: 154475
 Ion Ratio Lower Upper
 164 100
 162 106.5 86.1 129.1
 160 48.9 38.3 57.5

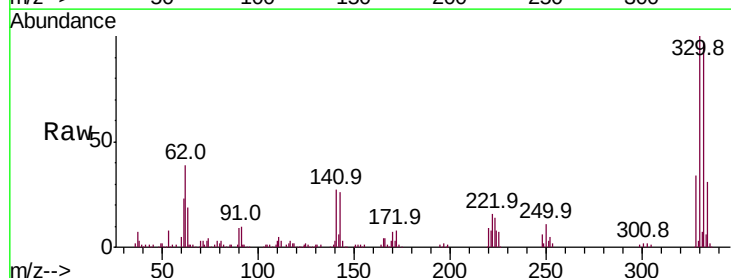


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

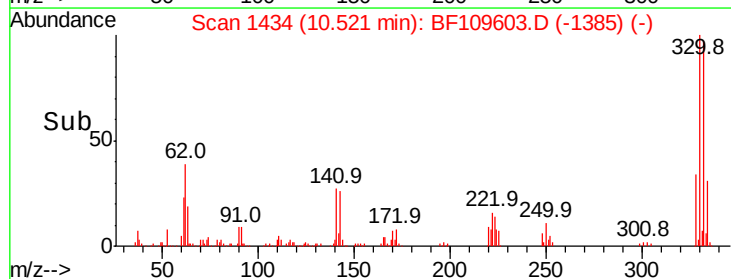
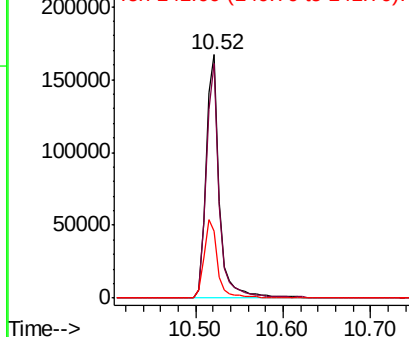


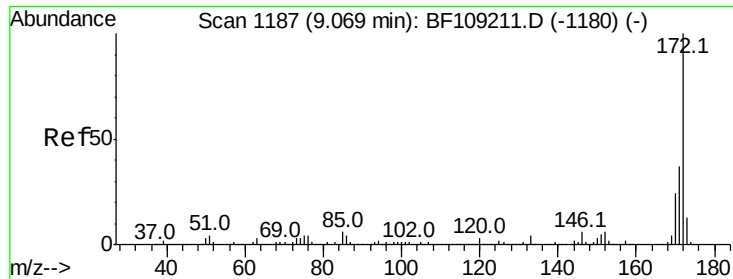
#41
 2,4,6-Tribromophenol
 Concen: 116.108 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109603.D
 Acq: 4 Oct 2018 22:29

Tgt Ion:330 Resp: 176809
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 33.8 29.9 44.9



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



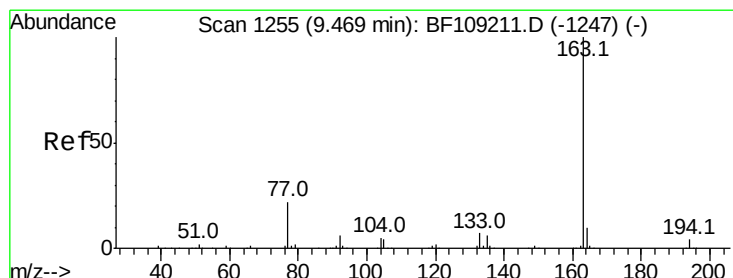
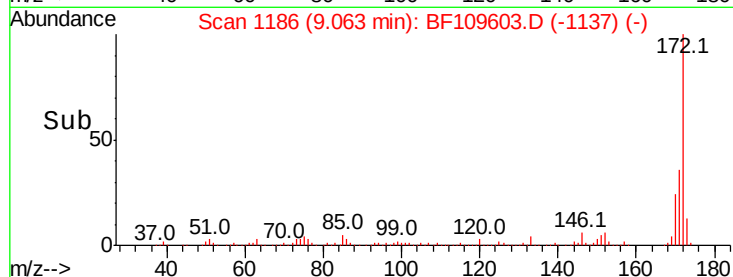
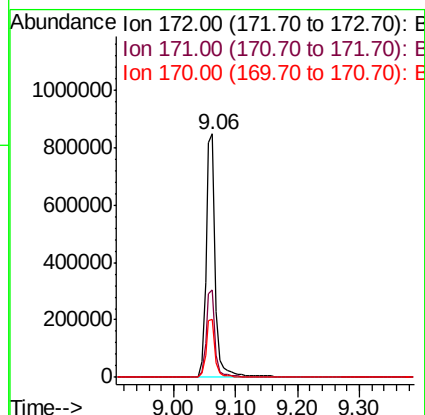
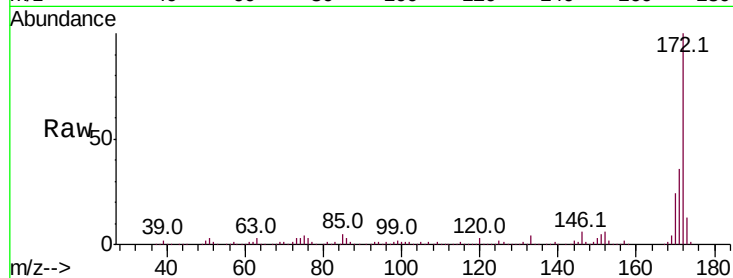


#44
 2-Fluorobiphenyl
 Concen: 87.256 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109603.D
 Acq: 4 Oct 2018 22:29

Instrument :
 BNA_F
 ClientSampleId :
 N48963

Tot Ion:172 Resp: 893715

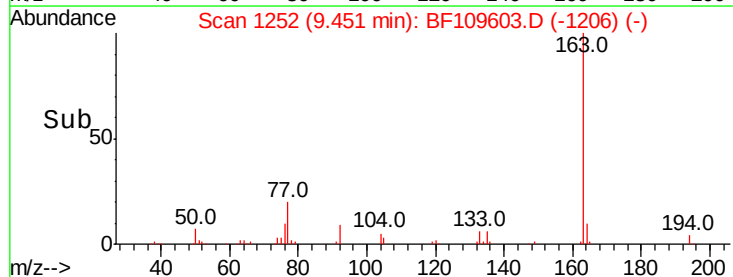
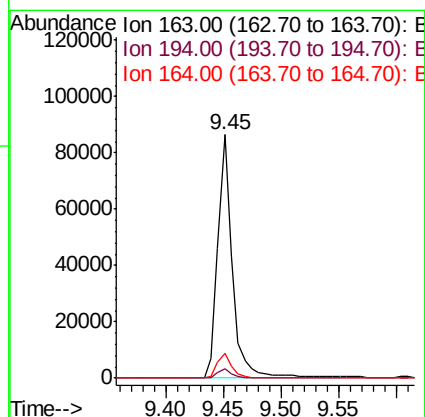
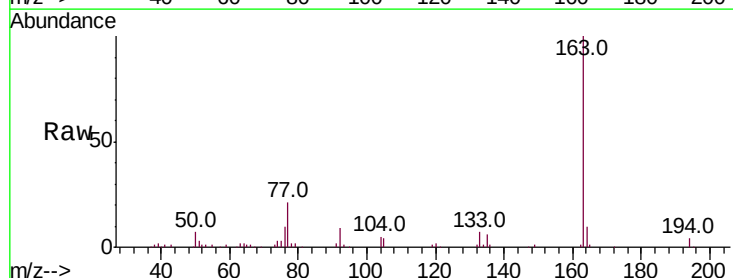
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.8	19.6	29.4

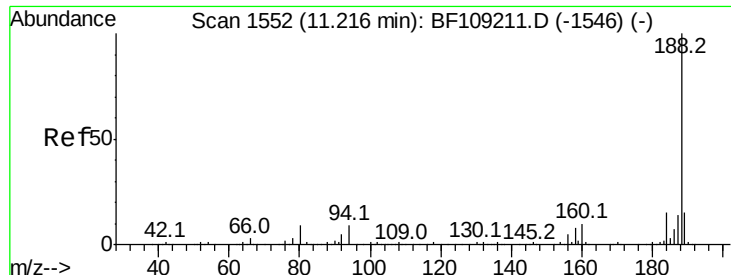


#49
 Dimethylphthalate
 Concen: 6.833 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.03 min
 Lab File: BF109603.D
 Acq: 4 Oct 2018 22:29

Tgt Ion:163 Resp: 76769

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.2	8.2	12.2

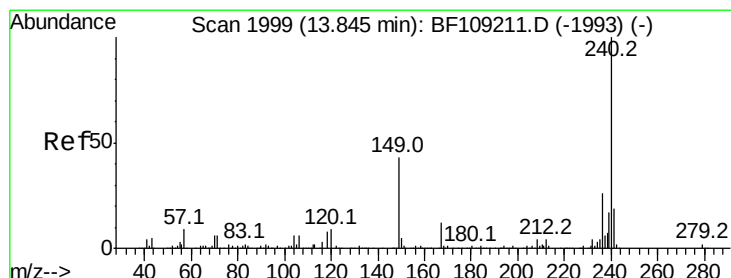
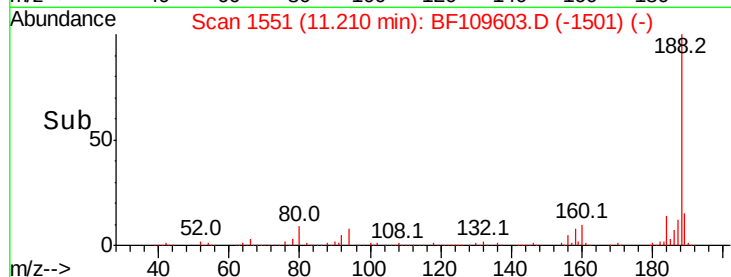
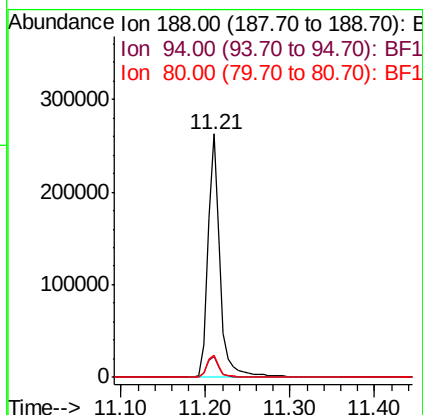
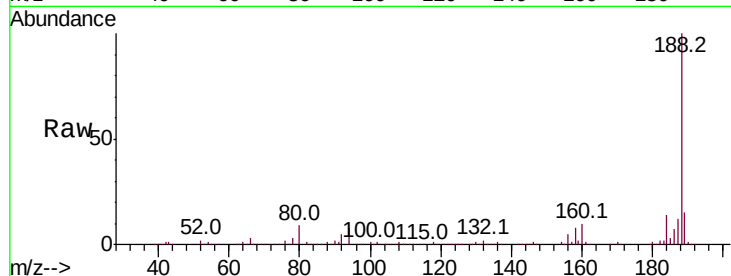




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF109603.D
 Acq: 4 Oct 2018 22:29

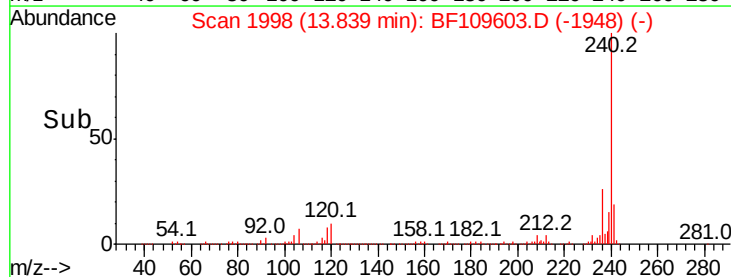
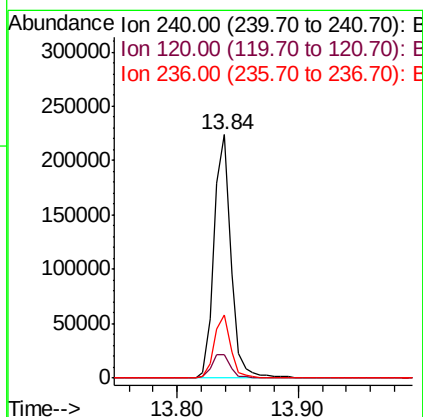
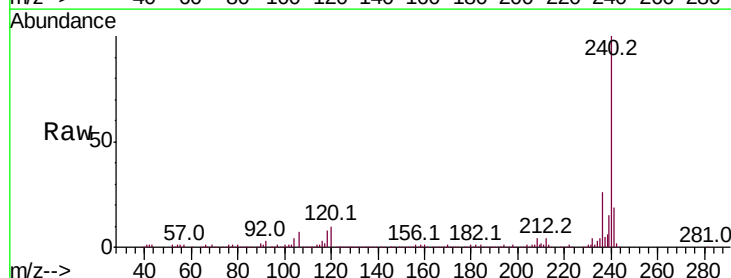
Instrument :
 BNA_F
 ClientSampleId :
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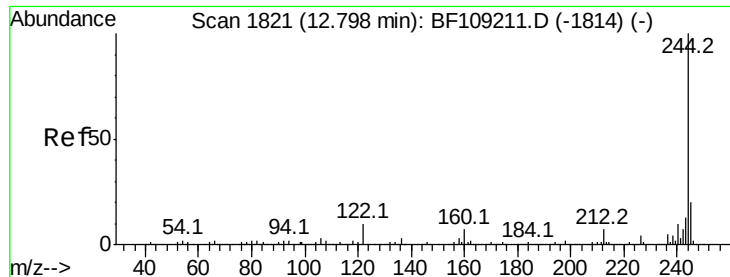
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.5	12.7#
80	9.3	9.2	13.8



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF109603.D
 Acq: 4 Oct 2018 22:29

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.8	9.5	14.3
236	25.7	20.7	31.1





#78

Terphenyl-d14

Concen: 79.410 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109603.D

Acq: 4 Oct 2018 22:29

Instrument :

BNA_F

ClientSampleId :

N48963

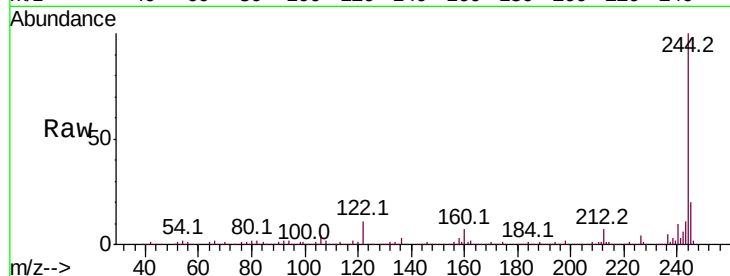
Tot Ion:244 Resp: 694215

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

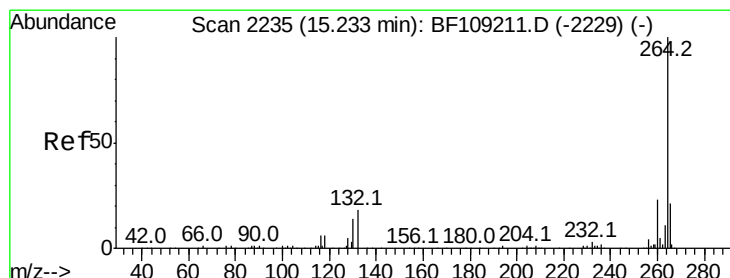
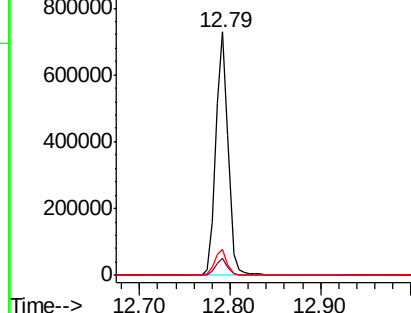
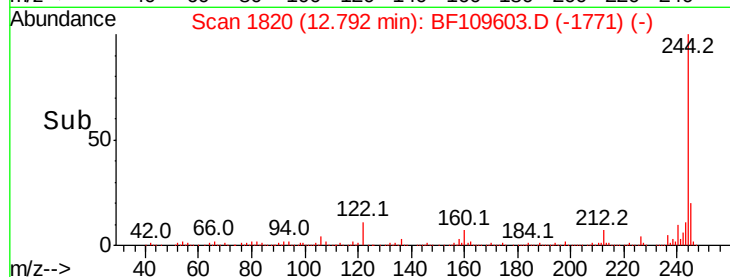
122 10.9 11.0 16.4#



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: 15.24 min Scan# 2236

Delta R.T. -0.00 min

Lab File: BF109603.D

Acq: 4 Oct 2018 22:29

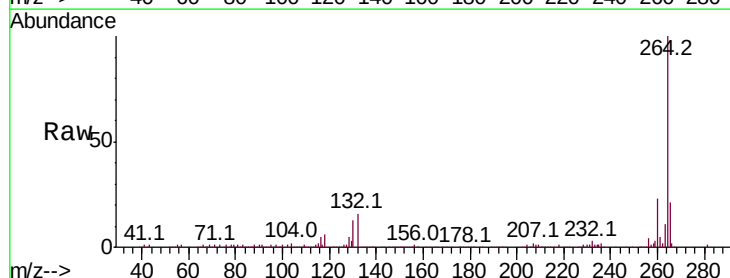
Tgt Ion:264 Resp: 221456

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 20.9 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

