

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
 Data File : BF108268.D
 Acq On : 18 Aug 2018 3:14
 Operator : JU/SJ
 Sample : J4519-06
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-16

Quant Time: Aug 18 04:28:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

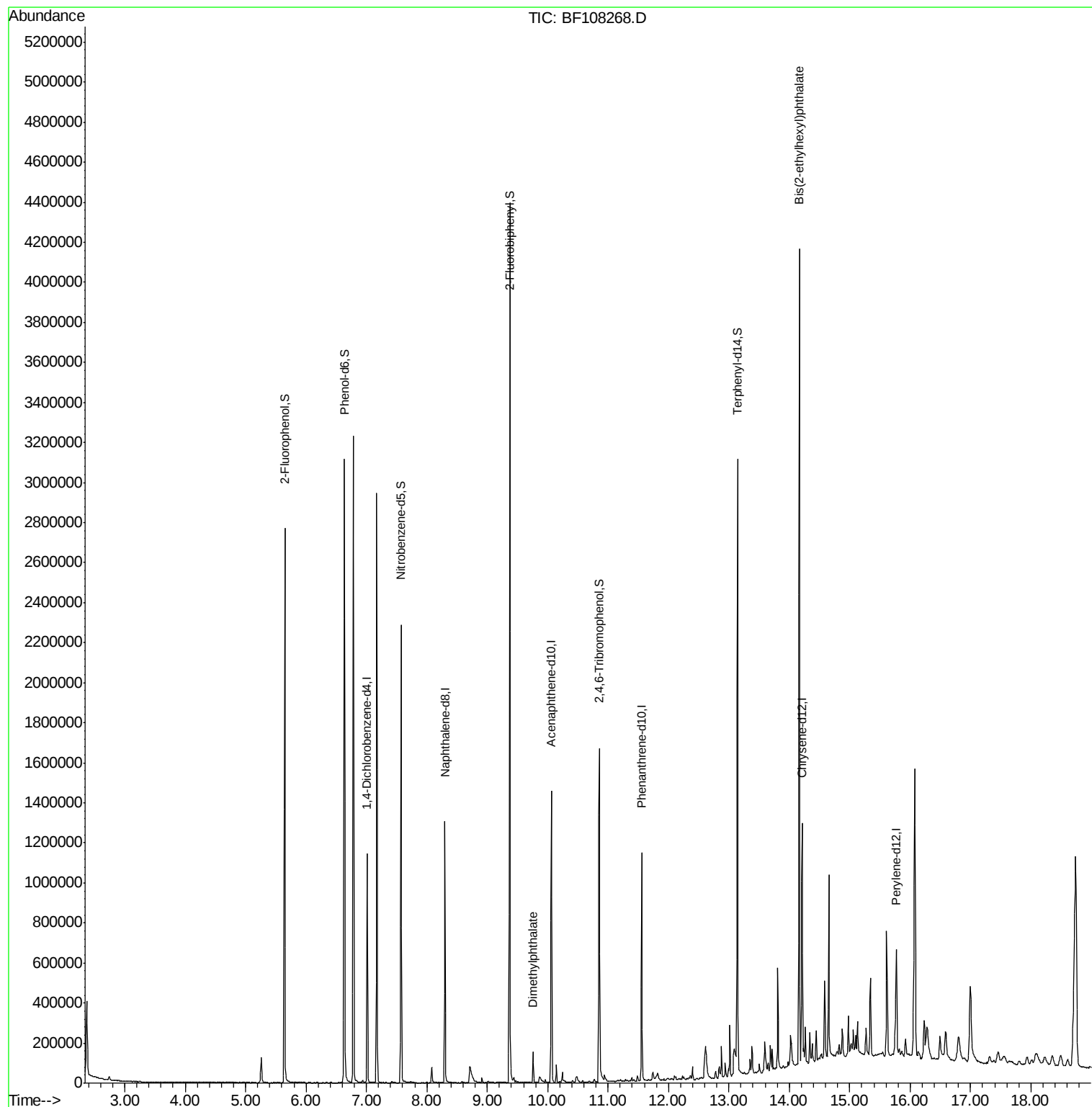
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	163086	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	612251	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	271996	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	420036	20.00	ng	0.00
75) Chrysene-d12	14.21	240	384619	20.00	ng	0.00
86) Perylene-d12	15.78	264	266552	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	744346	82.63	ng	0.02
7) Phenol-d6	6.64	99	996584	83.25	ng	0.00
23) Nitrobenzene-d5	7.58	82	689689	62.86	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	198529	73.17	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	1305170	77.04	ng	0.00
78) Terphenyl-d14	13.14	244	1012707	66.95	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.76	163	58406	3.083	ng	97
83) Bis(2-ethylhexyl)phthalate	14.17	149	1025481	78.318	ng	99

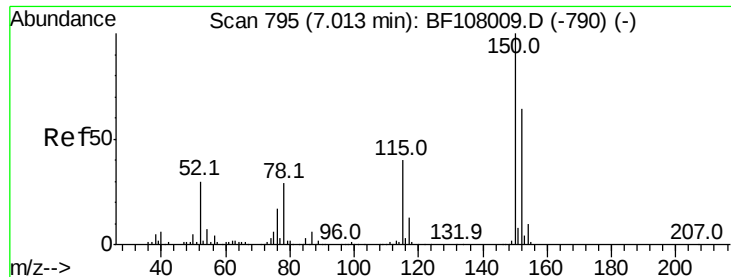
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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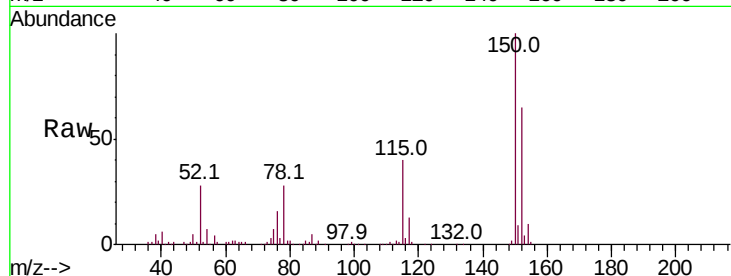


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108268.D
Acq: 18 Aug 2018 3:14

Instrument :
BNA_F
ClientSampleId :
DRUM-16

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.6	186.8
115	61.6	50.1	75.1

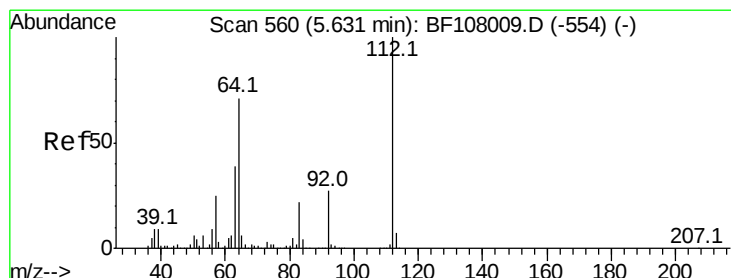
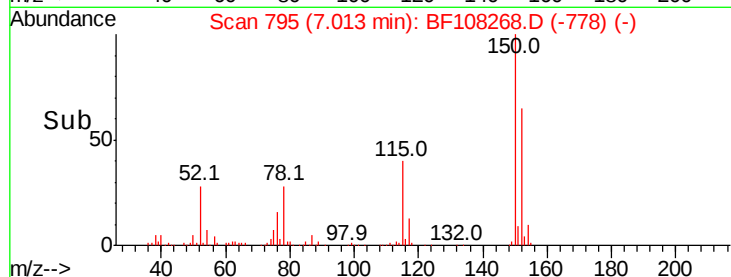
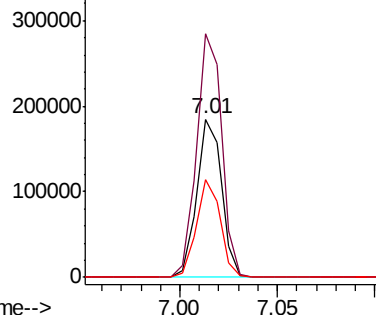


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

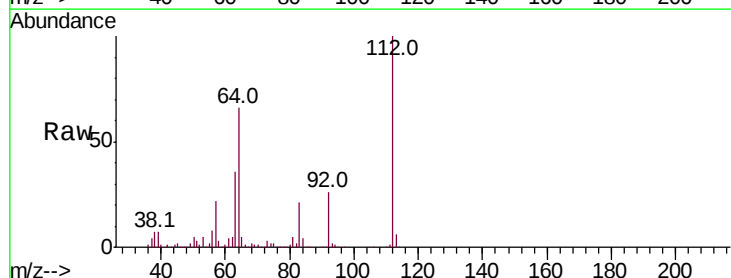
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 82.632 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF108268.D
Acq: 18 Aug 2018 3:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.5	47.9	71.9
63	35.5	23.7	35.5

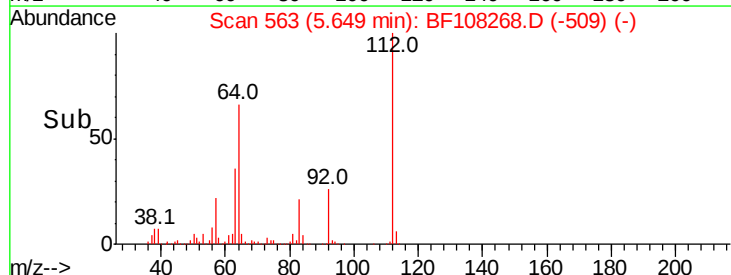
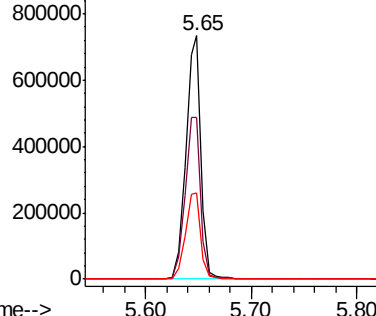


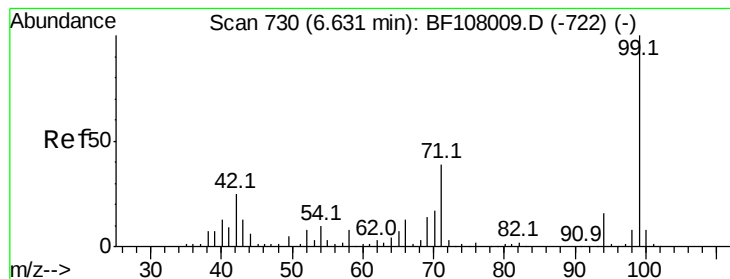
Abundance

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: 83.254 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108268.D

Acq: 18 Aug 2018 3:14

Instrument :

BNA_F

ClientSampled :

DRUM-16

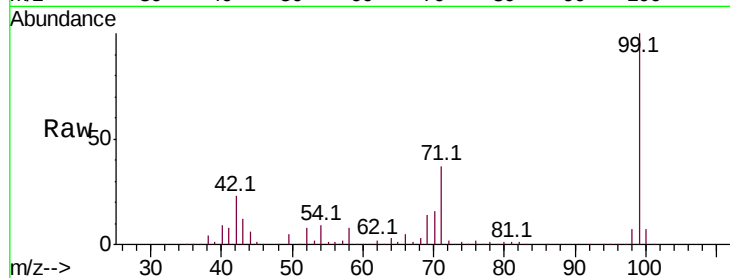
Tot Ion: 99 Resp: 996584

Ion Ratio Lower Upper

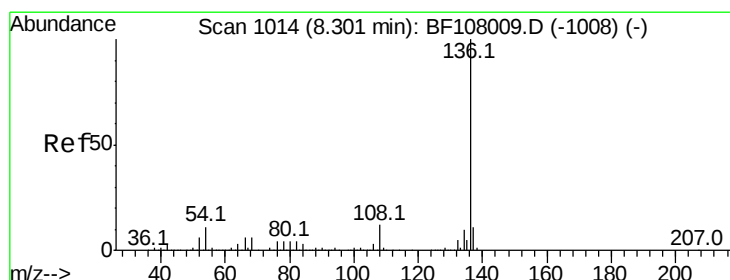
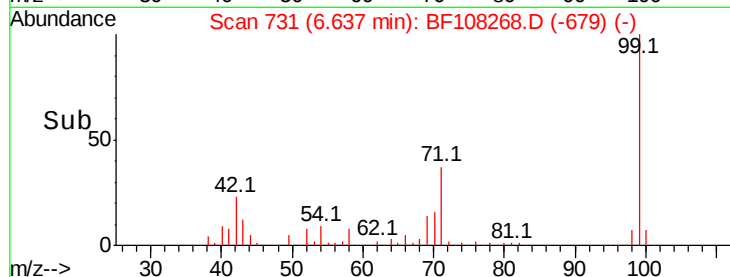
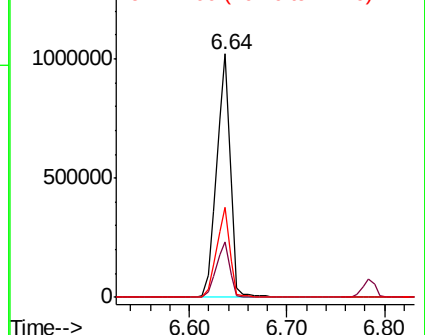
99 100

42 22.7 14.5 21.7#

71 36.8 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.30 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF108268.D

Acq: 18 Aug 2018 3:14

Tgt Ion: 136 Resp: 612251

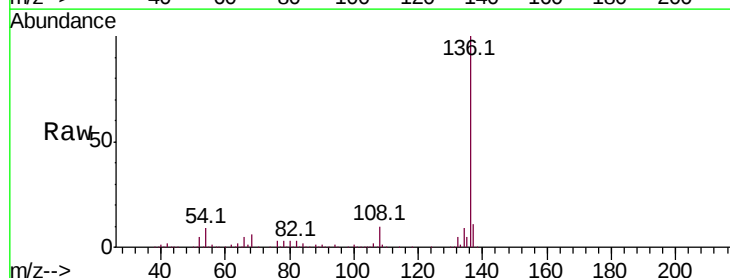
Ion Ratio Lower Upper

136 100

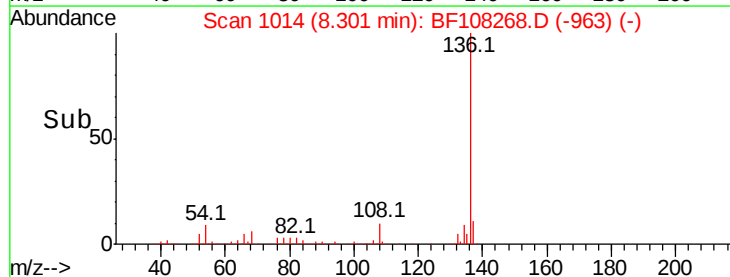
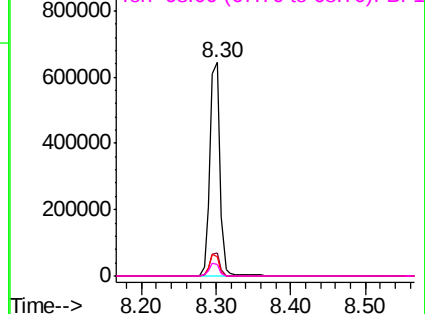
137 10.9 8.9 13.3

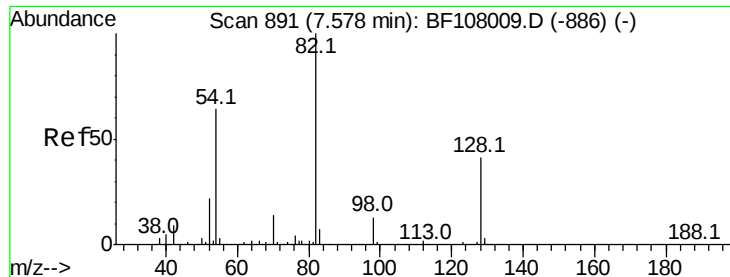
54 8.9 6.6 9.8

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

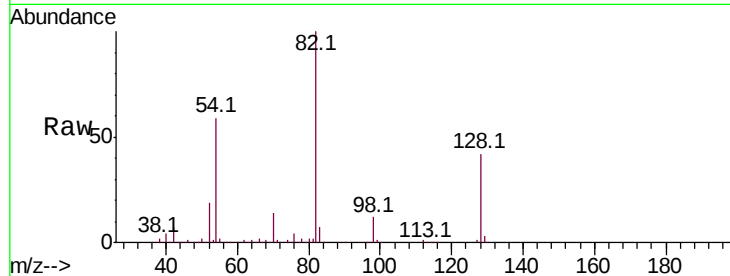




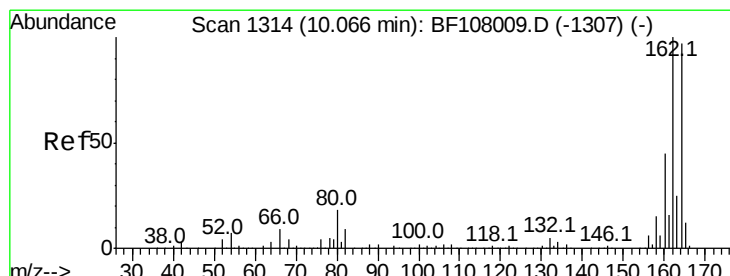
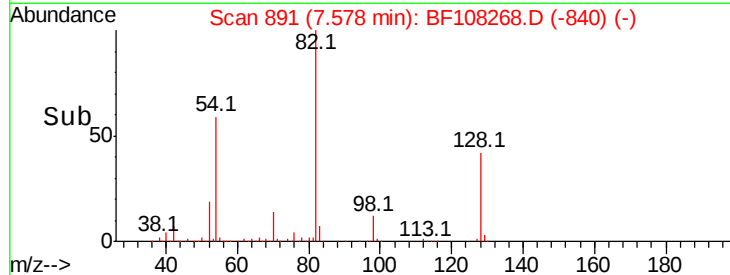
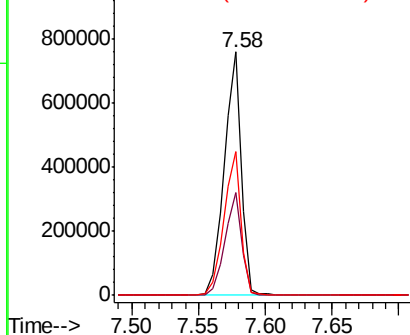
#23
 Nitrobenzene-d5
 Concen: 62.859 ng
 RT: 7.58 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BF108268.D
 Acq: 18 Aug 2018 3:14

Instrument :
 BNA_F
 ClientSampled :
 DRUM-16

Tot Ion: 82 Resp: 689689
 Ion Ratio Lower Upper
 82 100
 128 42.3 36.1 54.1
 54 58.9 41.4 62.2

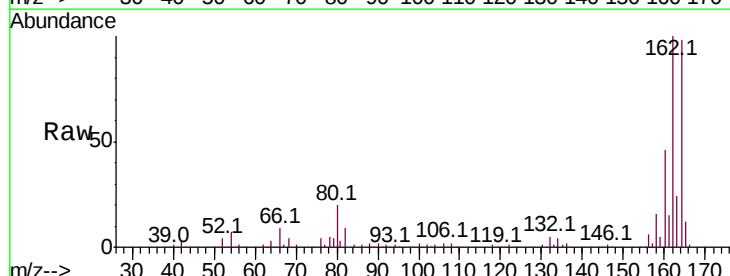


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

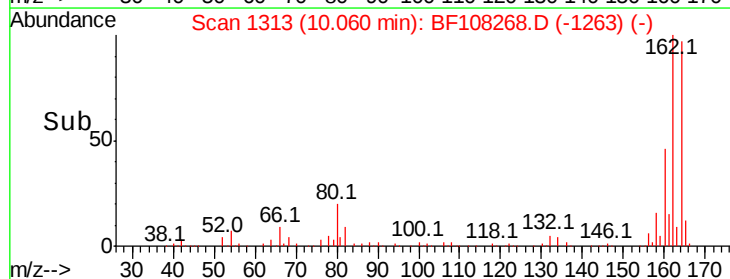
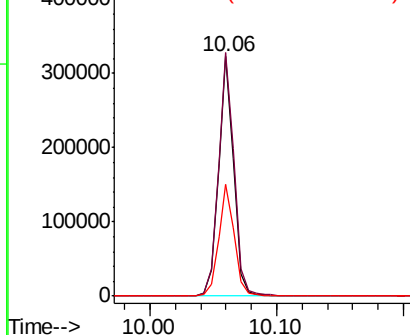


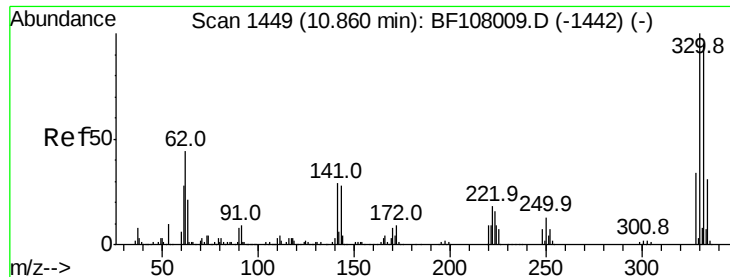
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF108268.D
 Acq: 18 Aug 2018 3:14

Tgt Ion: 164 Resp: 271996
 Ion Ratio Lower Upper
 164 100
 162 101.6 86.1 129.1
 160 46.7 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

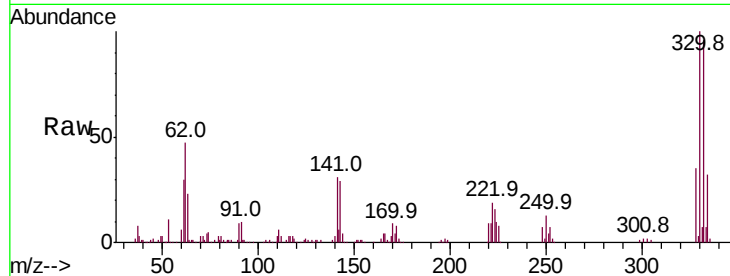




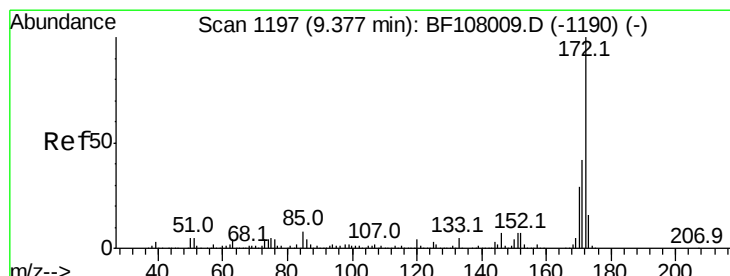
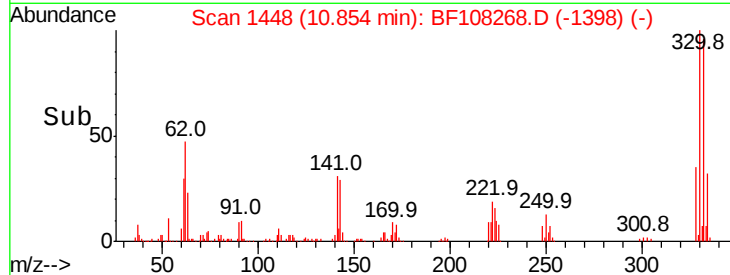
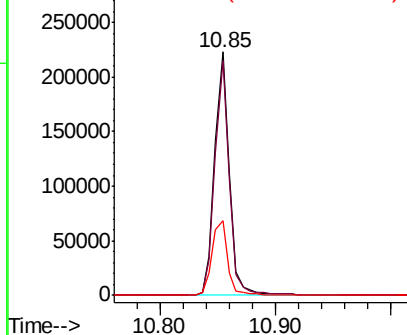
#41
 2,4,6-Tribromophenol
 Concen: 73.174 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108268.D
 Acq: 18 Aug 2018 3:14

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-16

Tot Ion:330 Resp: 198529
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.0 115.6
 141 33.2 29.9 44.9

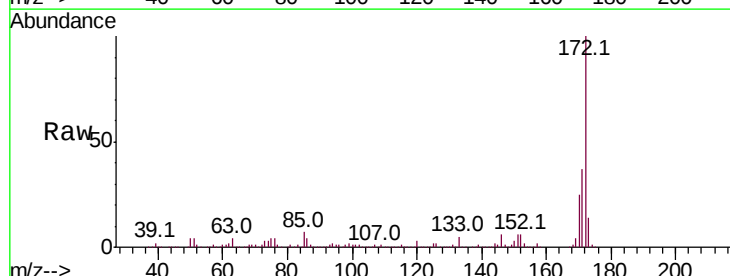


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

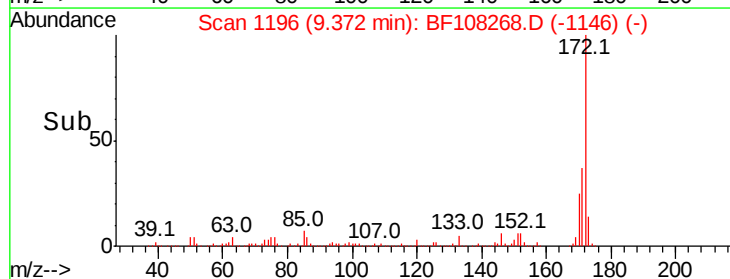
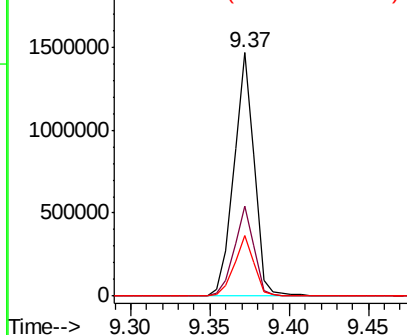


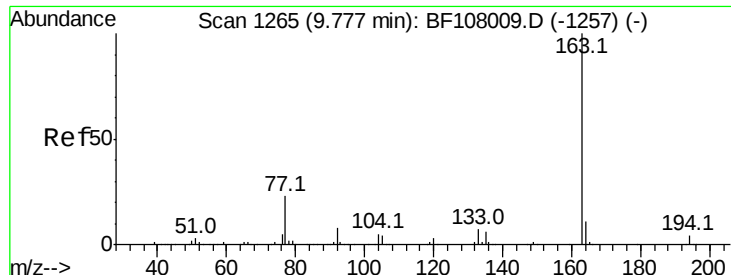
#44
 2-Fluorobiphenyl
 Concen: 77.038 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108268.D
 Acq: 18 Aug 2018 3:14

Tgt Ion:172 Resp: 1305170
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.7 44.5
 170 24.8 19.6 29.4



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

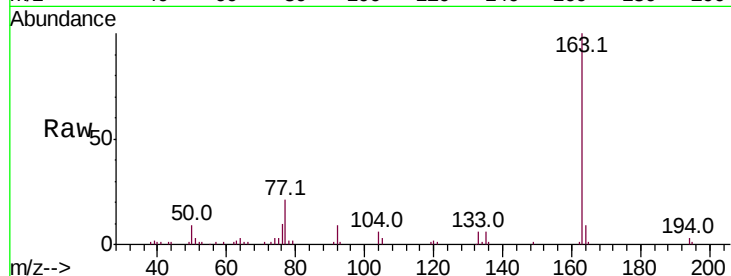




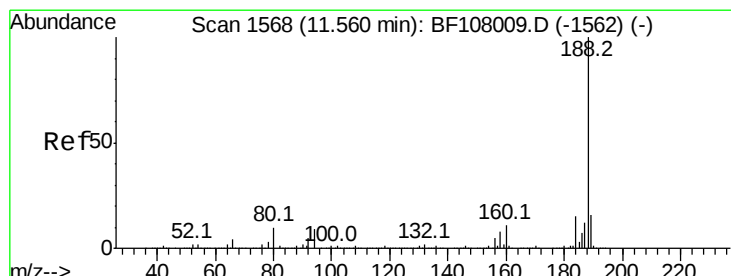
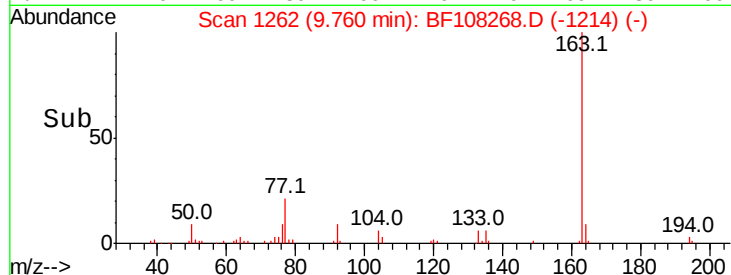
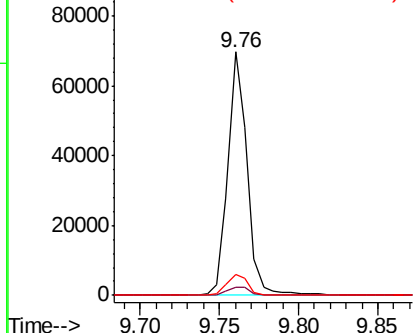
#49
Dimethylphthalate
Concen: 3.083 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF108268.D
Acq: 18 Aug 2018 3:14

Instrument :
BNA_F
ClientSampleId :
DRUM-16

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	8.7	8.2	12.2

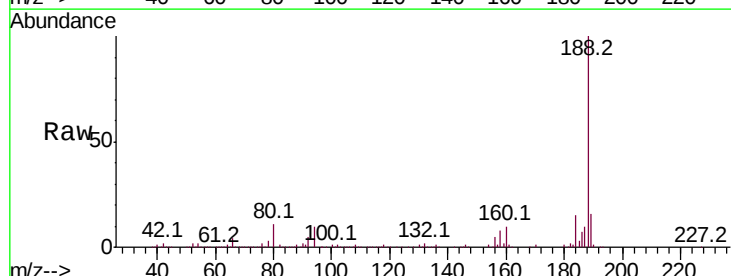


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

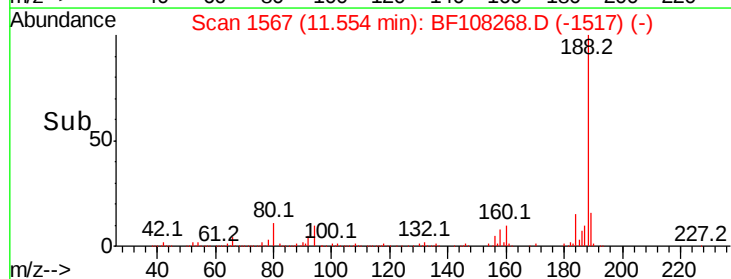
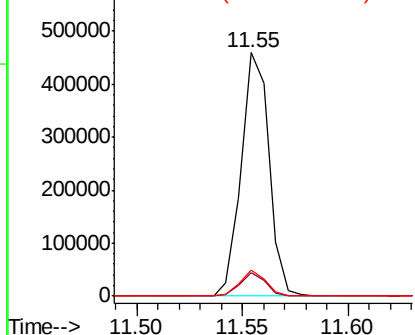


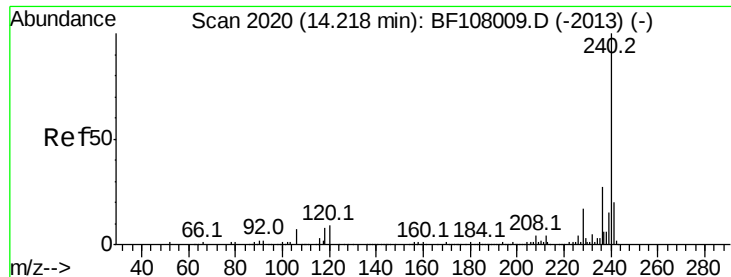
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF108268.D
Acq: 18 Aug 2018 3:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.9	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: 14.21 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF108268.D

Acq: 18 Aug 2018 3:14

Instrument :

BNA_F

ClientSampleId :

DRUM-16

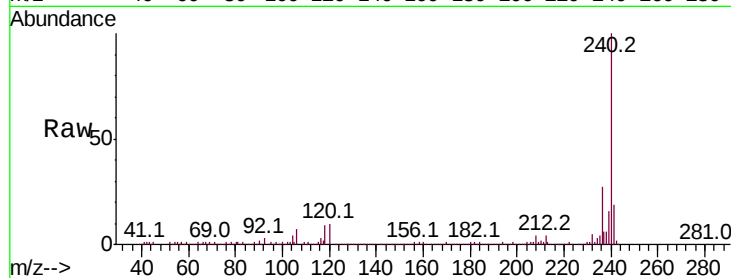
Tot Ion:240 Resp: 384619

Ion Ratio Lower Upper

240 100

120 9.8 9.5 14.3

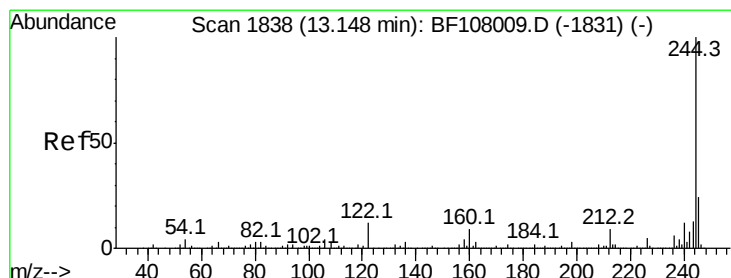
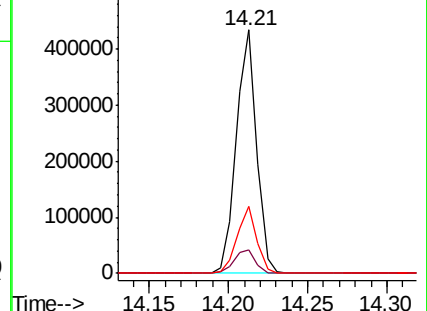
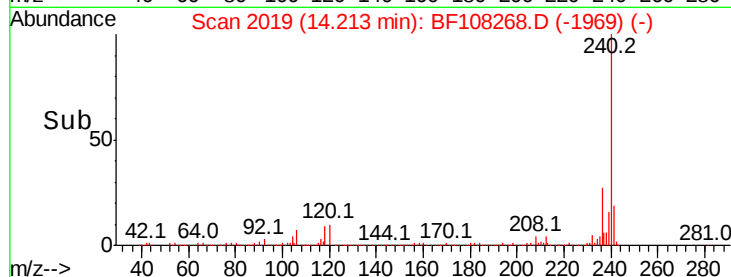
236 27.3 20.7 31.1



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: 66.946 ng

RT: 13.14 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF108268.D

Acq: 18 Aug 2018 3:14

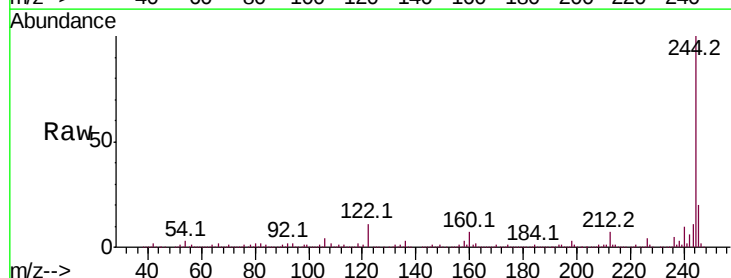
Tgt Ion:244 Resp: 1012707

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

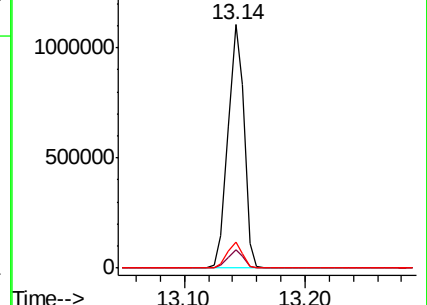
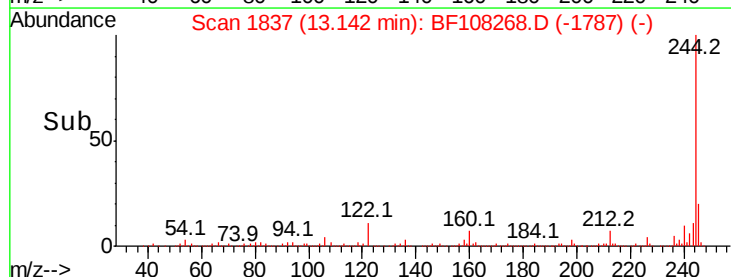
122 10.8 11.0 16.4#

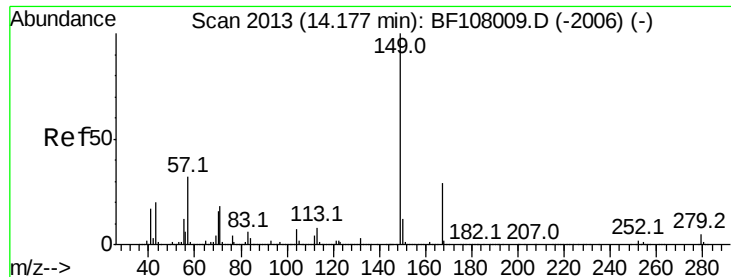


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 78.318 ng

RT: 14.17 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF108268.D

Acq: 18 Aug 2018 3:14

Instrument :

BNA_F

ClientSampleId :

DRUM-16

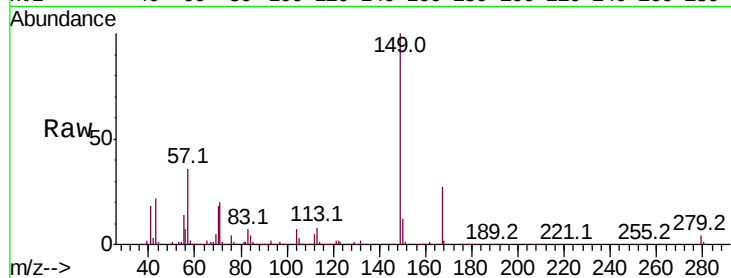
Tot Ion:149 Resp: 1025481

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.3	31.9
279	3.9	3.0	4.4

149 100

167 27.1 21.3 31.9

279 3.9 3.0 4.4

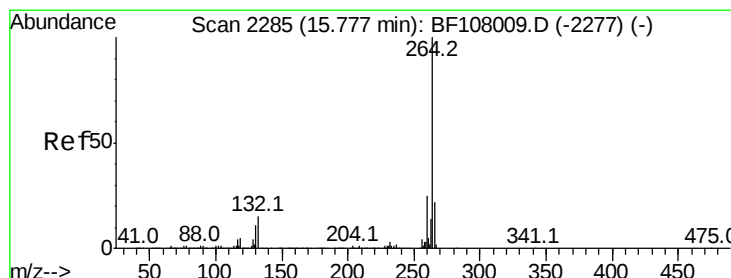
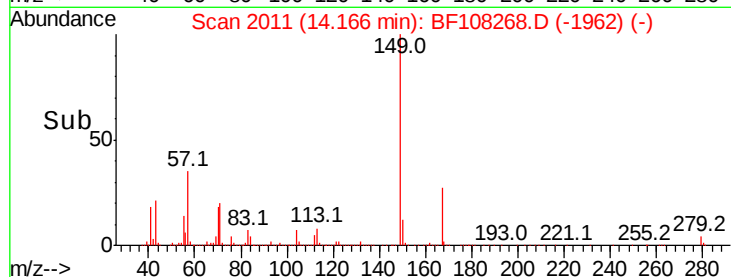
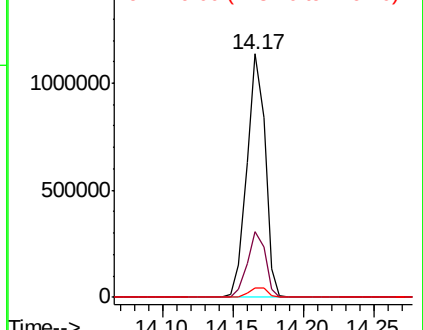


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.78 min Scan# 2285

Delta R.T. 0.00 min

Lab File: BF108268.D

Acq: 18 Aug 2018 3:14

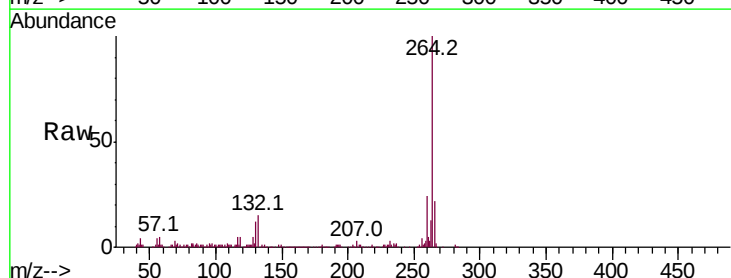
Tgt Ion:264 Resp: 266552

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.8	17.5	26.3

264 100

260 24.0 19.2 28.8

265 21.8 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

