

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101118\
 Data File : BF109818.D
 Acq On : 12 Oct 2018 6:40
 Operator : JU/SJ
 Sample : J5296-10
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 100418-SIDI-E-U-S

Quant Time: Oct 12 07:39:59 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

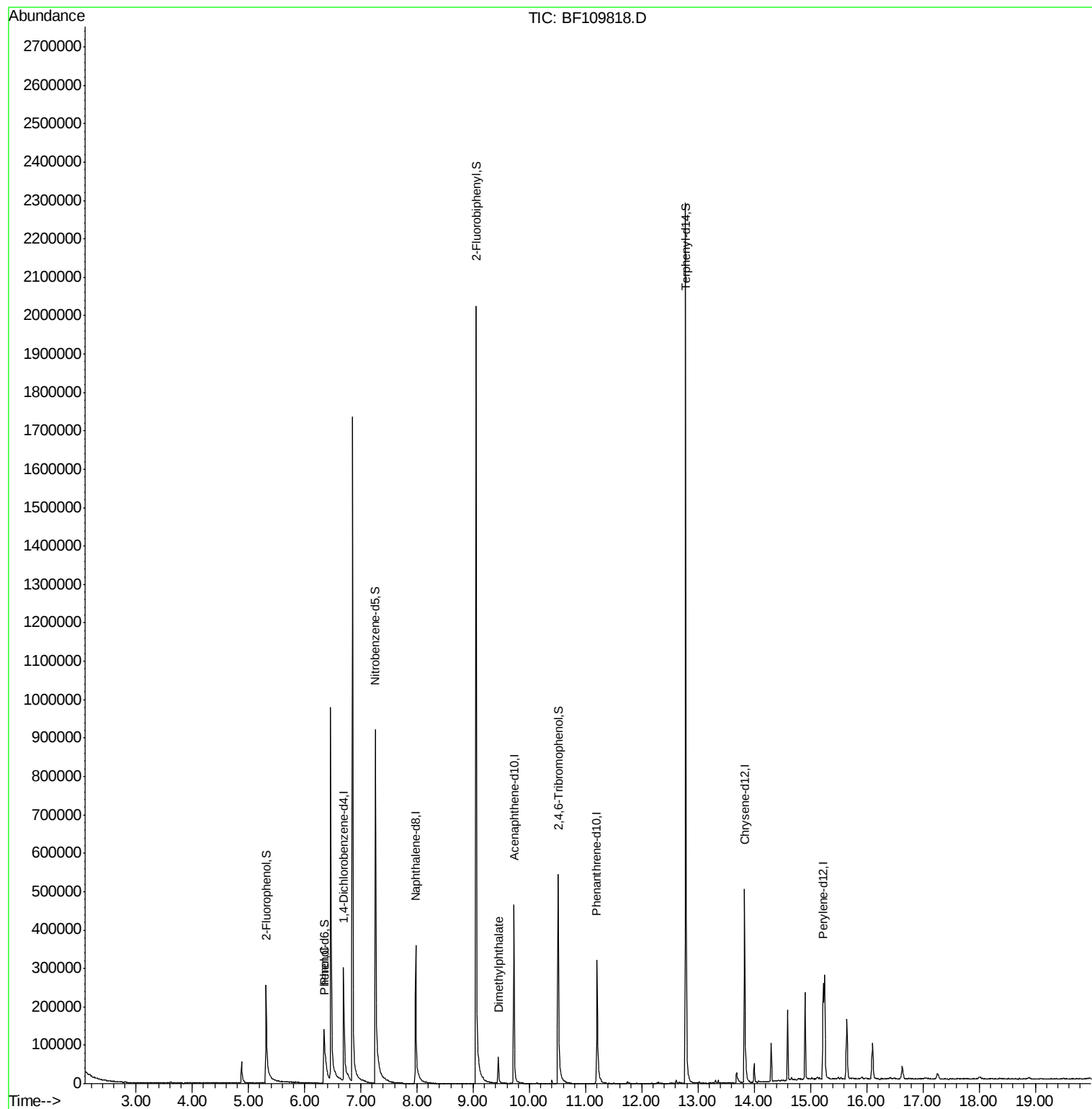
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	73675	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	267878	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	103363	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	204293	20.00	ng	0.00
75) Chrysene-d12	13.83	240	230727	20.00	ng	0.00
86) Perylene-d12	15.23	264	156566	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	149225	35.95	ng	-0.01
7) Phenol-d6	6.35	99	132837	23.96	ng	-0.01
23) Nitrobenzene-d5	7.26	82	499703	102.83	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	102127	90.68	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	821549	109.47	ng	0.00
78) Terphenyl-d14	12.78	244	870034	73.00	ng	0.00
Target Compounds						
10) Phenol	6.36	94	14002	2.202	ng	86
49) Dimethylphthalate	9.45	163	42709	5.634	ng	100

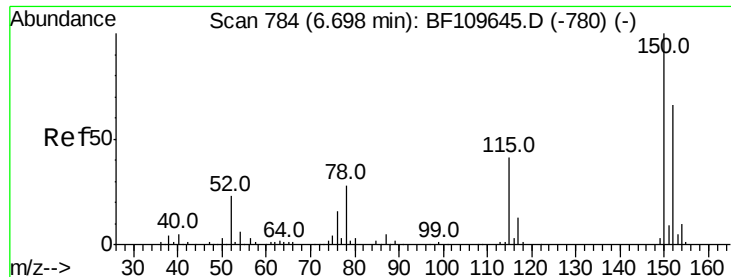
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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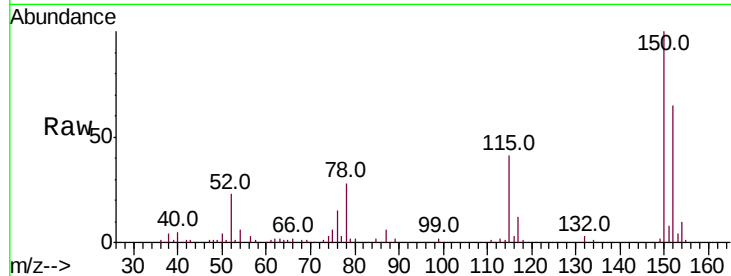


#1

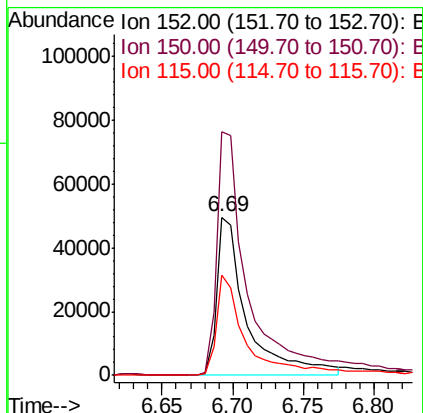
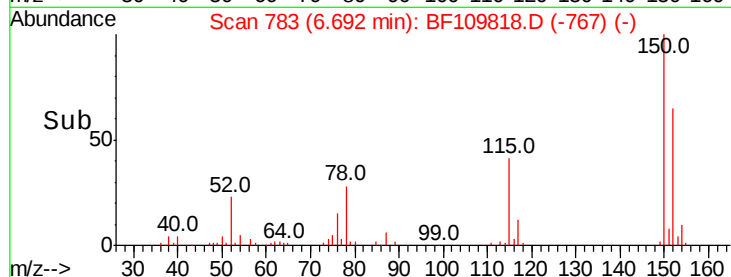
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF109818.D
 Acq: 12 Oct 2018 6:40

Instrument :
 BNA_F
 ClientSampleId :
 100418-SIDI-E-U-S

Tot Ion:152 Resp: 73675
 Ion Ratio Lower Upper
 152 100
 150 153.6 122.7 184.1
 115 63.0 49.1 73.7



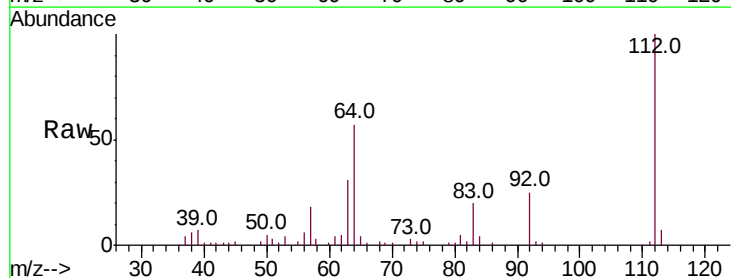
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



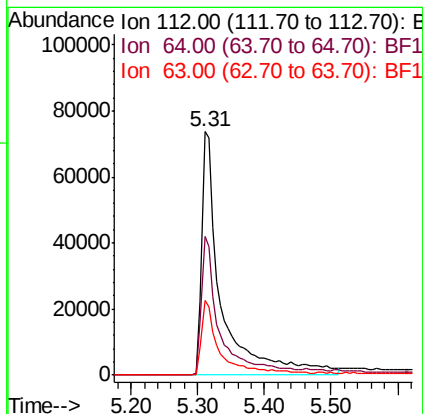
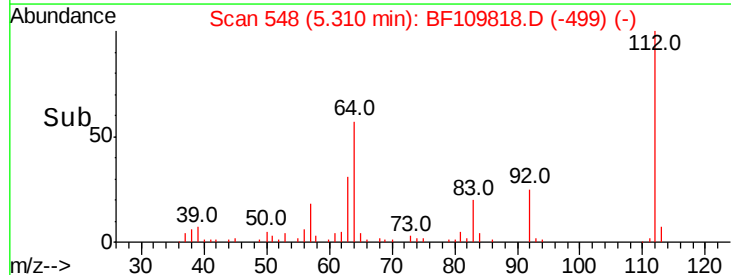
#5

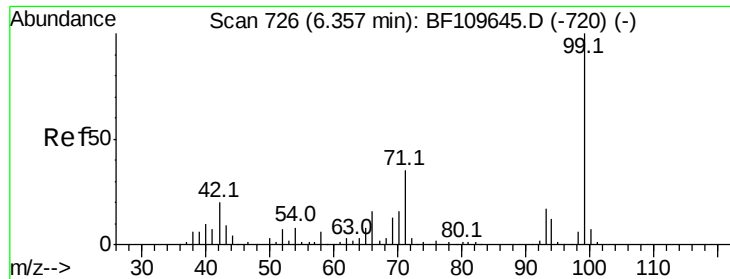
2-Fluorophenol
 Concen: 35.952 ng
 RT: 5.31 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF109818.D
 Acq: 12 Oct 2018 6:40

Tgt Ion:112 Resp: 149225
 Ion Ratio Lower Upper
 112 100
 64 57.2 44.1 66.1
 63 30.9 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: 23.957 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109818.D

Acq: 12 Oct 2018 6:40

Instrument :

BNA_F

ClientSampleId :

100418-SIDI-E-U-S

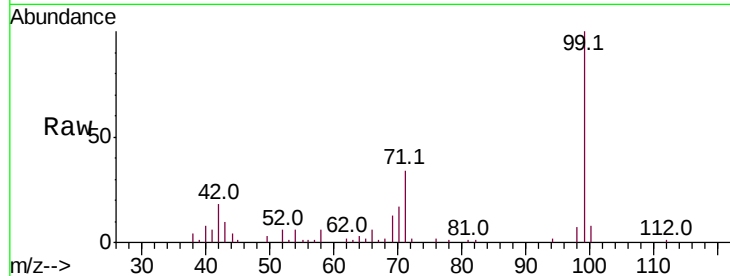
Tot Ion: 99 Resp: 132837

Ion Ratio Lower Upper

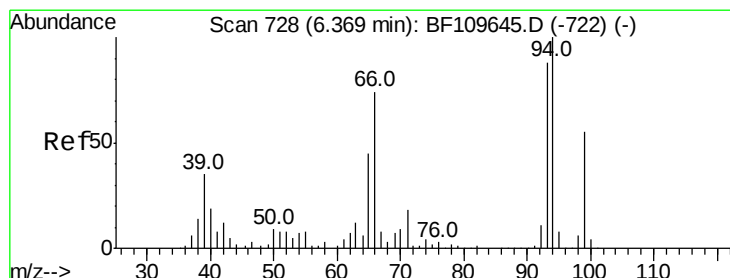
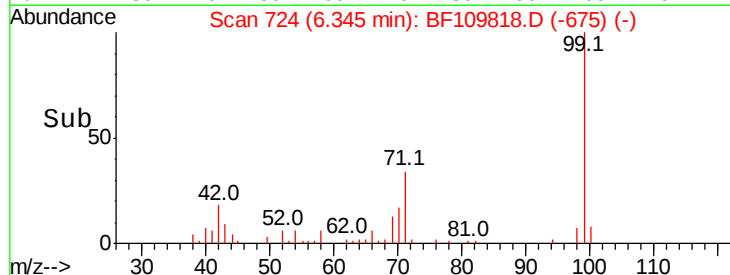
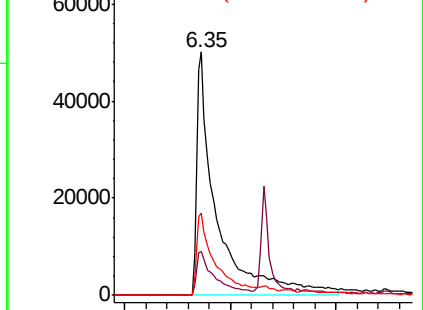
99 100

42 18.1 15.8 23.6

71 33.9 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



#10

Phenol

Concen: 2.202 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF109818.D

Acq: 12 Oct 2018 6:40

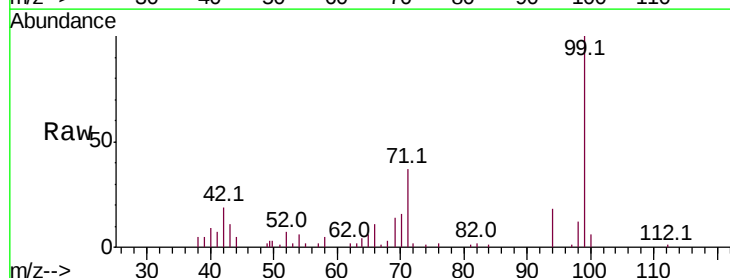
Tgt Ion: 94 Resp: 14002

Ion Ratio Lower Upper

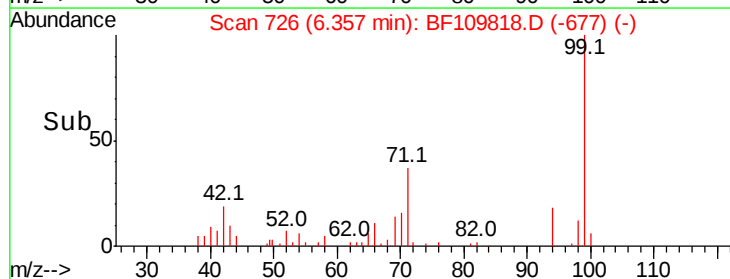
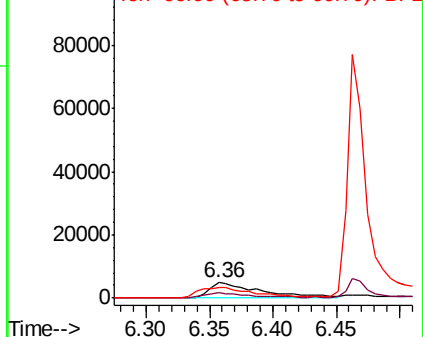
94 100

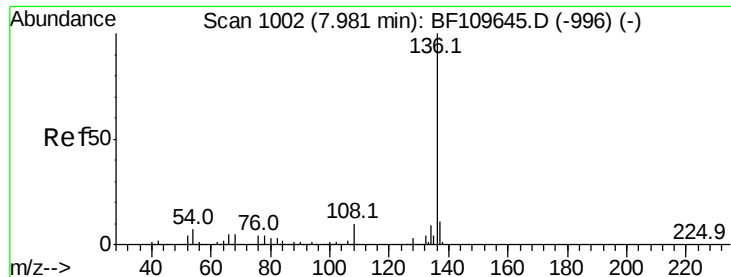
65 34.0 25.3 65.3

66 64.7 54.5 94.5



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: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF109818.D

Acq: 12 Oct 2018 6:40

Instrument :

BNA_F

ClientSampleId :

100418-SIDI-E-U-S

Tot Ion:136 Resp: 267878

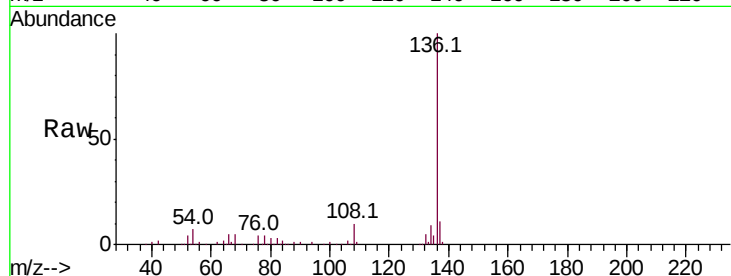
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 6.7 5.4 8.2

68 5.1 4.2 6.2

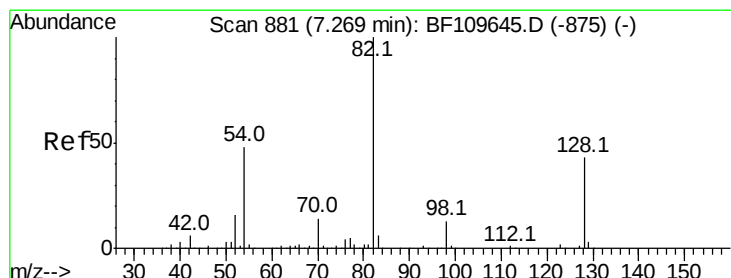
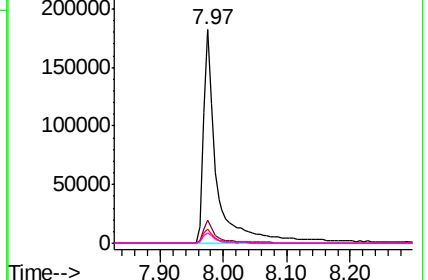
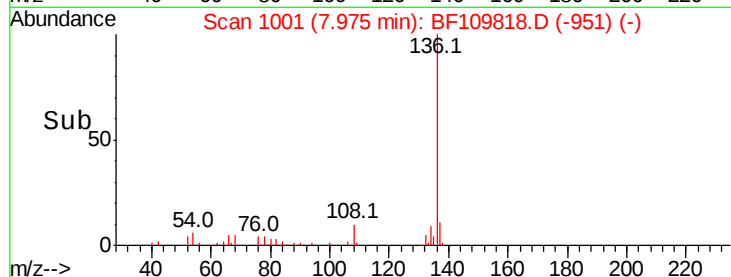


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 102.828 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF109818.D

Acq: 12 Oct 2018 6:40

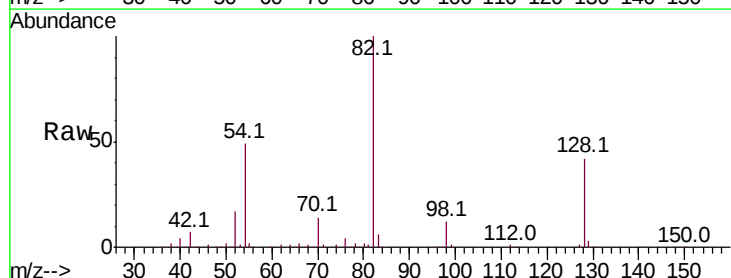
Tgt Ion: 82 Resp: 499703

Ion Ratio Lower Upper

82 100

128 42.0 34.2 51.2

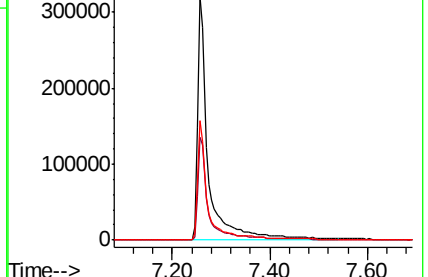
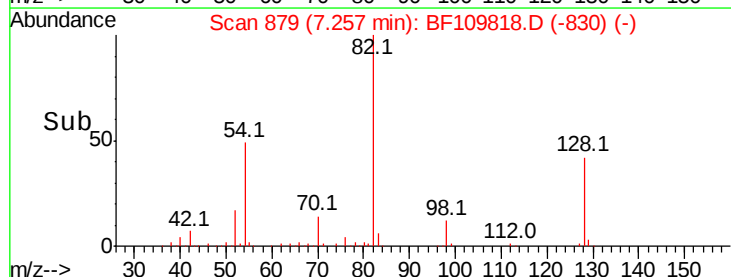
54 49.0 38.6 58.0

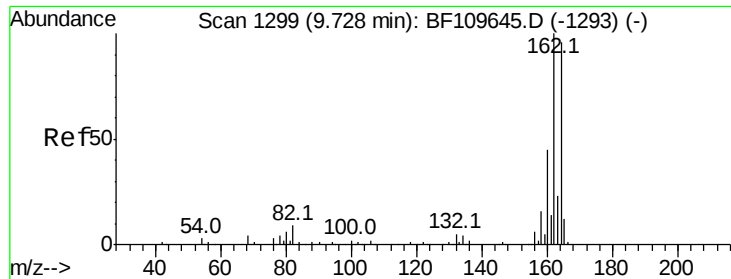


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.72 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF109818.D

Acq: 12 Oct 2018 6:40

Instrument :

BNA_F

ClientSampleId :

100418-SIDI-E-U-S

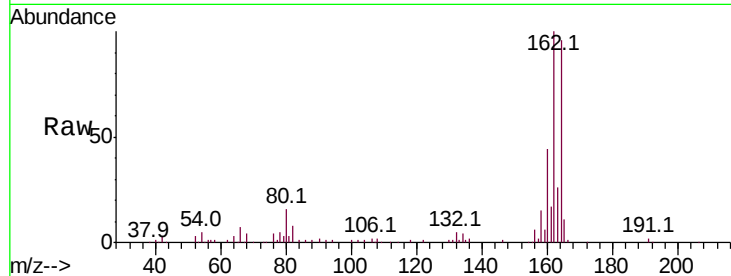
Tot Ion:164 Resp: 103363

Ion Ratio Lower Upper

164 100

162 104.2 83.0 124.6

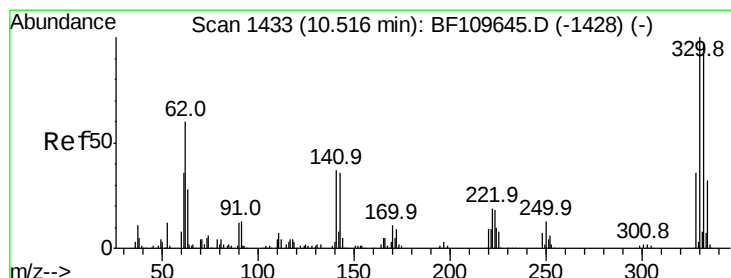
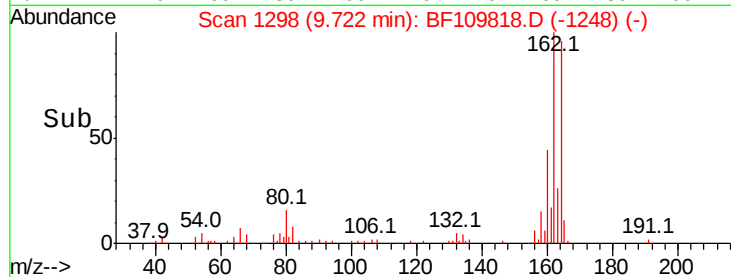
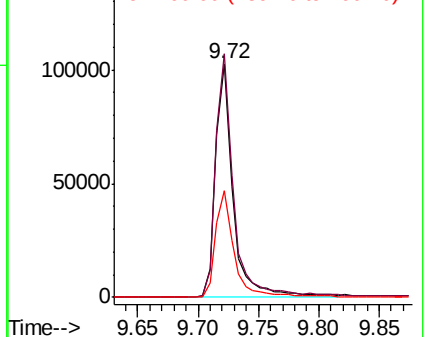
160 45.9 37.0 55.6



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: 90.679 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF109818.D

Acq: 12 Oct 2018 6:40

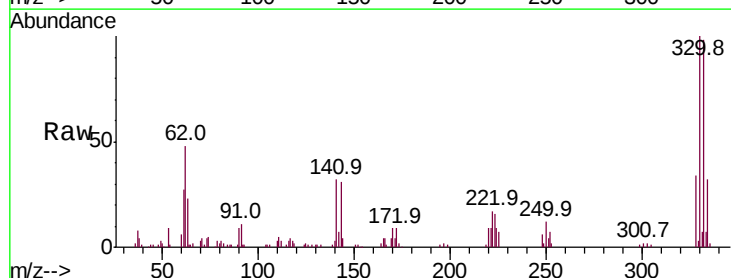
Tgt Ion:330 Resp: 102127

Ion Ratio Lower Upper

330 100

332 97.4 77.1 115.7

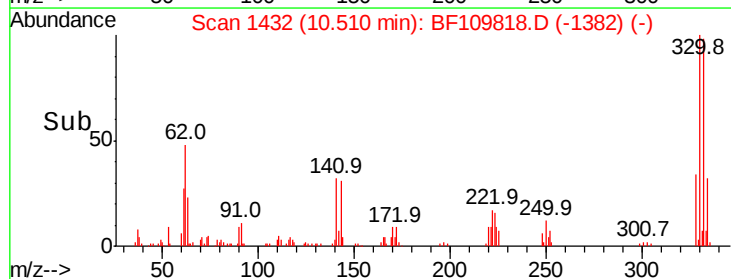
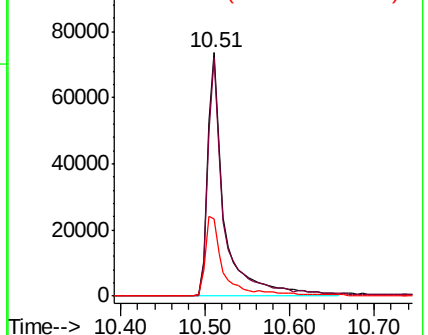
141 36.7 27.0 40.4

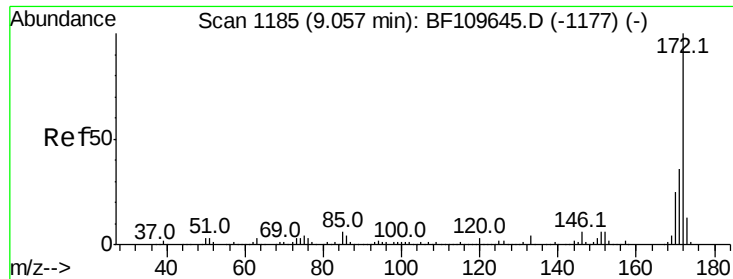


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

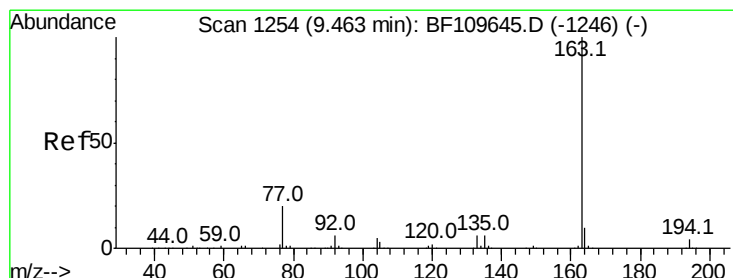
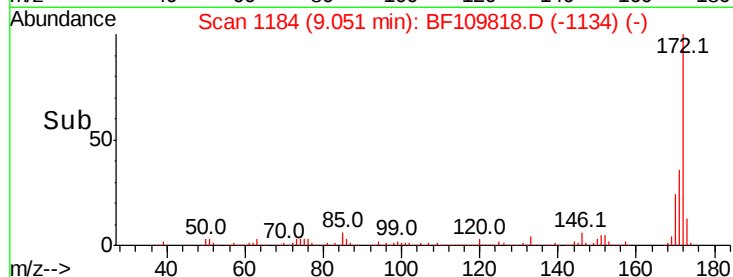
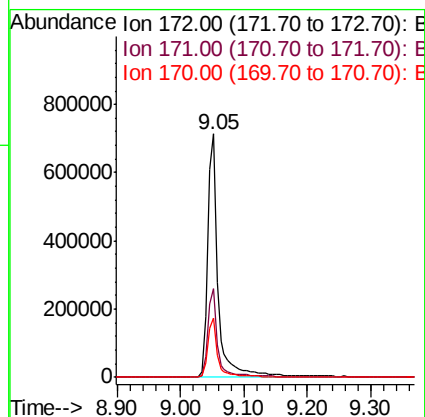
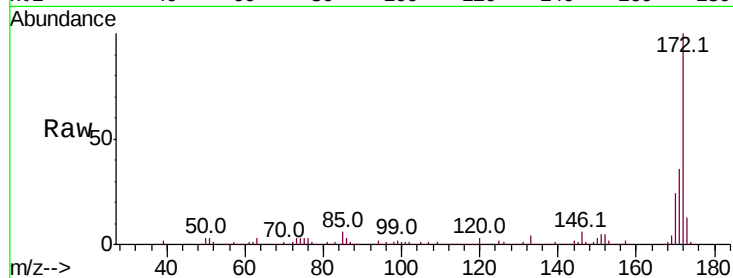




#44
 2-Fluorobiphenyl
 Concen: 109.467 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109818.D
 Acq: 12 Oct 2018 6:40

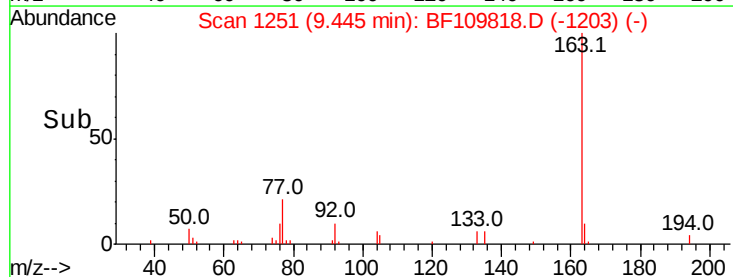
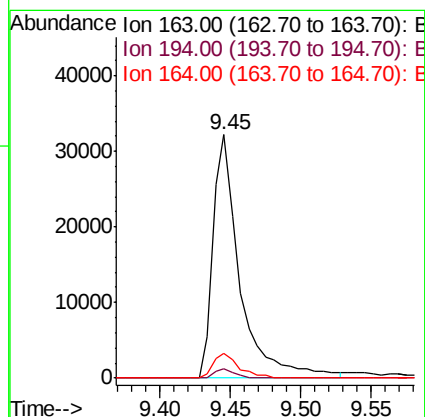
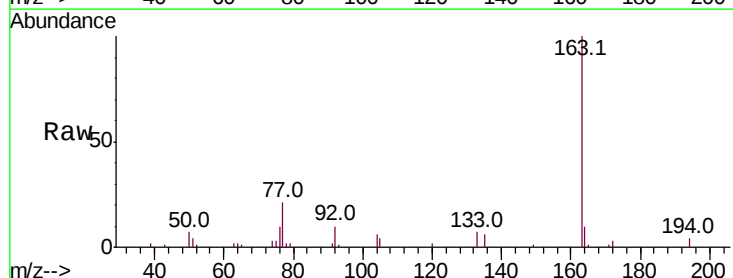
Instrument :
 BNA_F
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 100418-SIDI-E-U-S

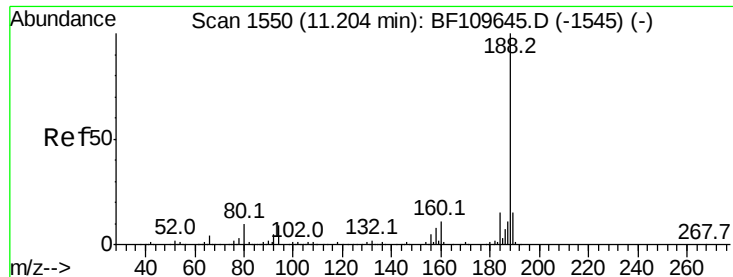
Tot Ion:172 Resp: 821549
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 43.0
 170 24.4 19.7 29.5



#49
 Dimethylphthalate
 Concen: 5.634 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.02 min
 Lab File: BF109818.D
 Acq: 12 Oct 2018 6:40

Tgt Ion:163 Resp: 42709
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.2 4.8
 164 9.9 8.1 12.1

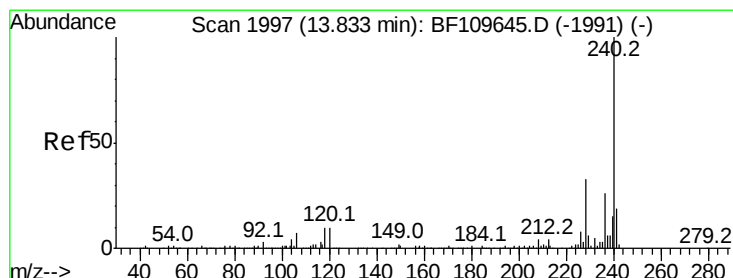
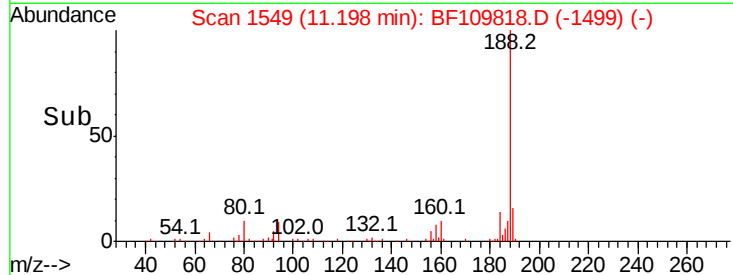
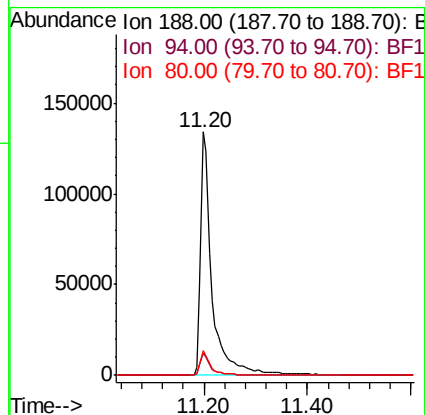
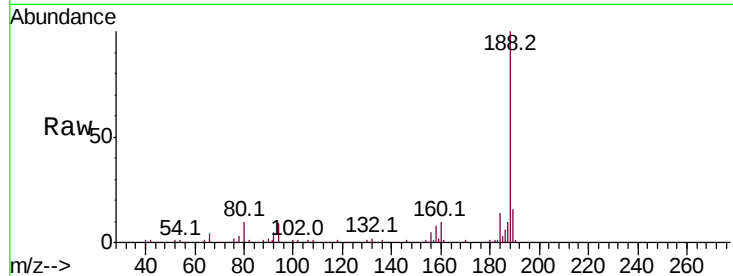




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109818.D
Acq: 12 Oct 2018 6:40

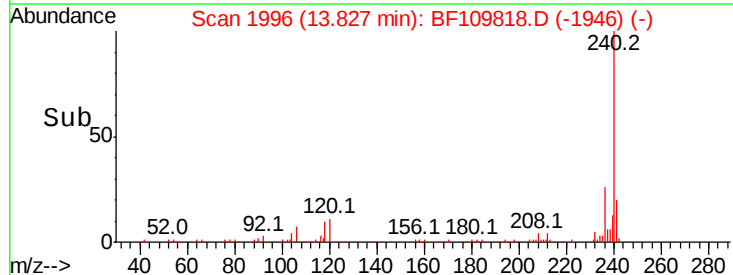
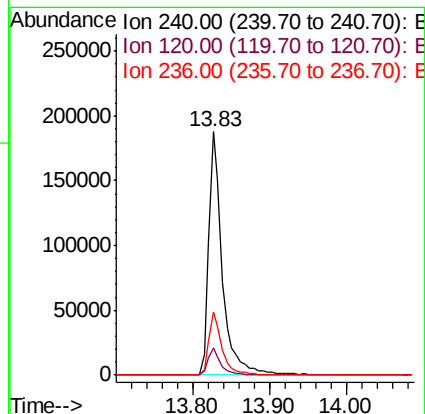
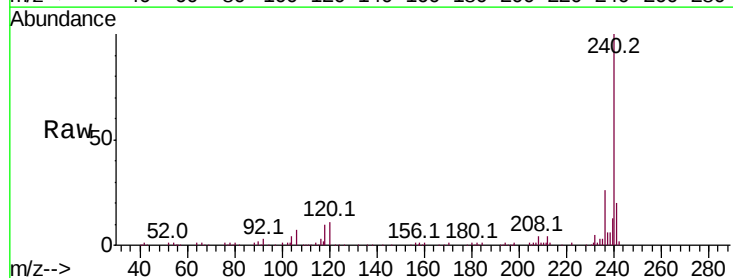
Instrument :
BNA_F
ClientSampleId :
100418-SIDI-E-U-S

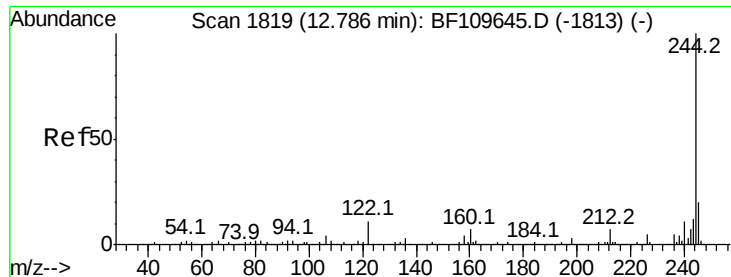
Tot Ion:188 Resp: 204293
Ion Ratio Lower Upper
188 100
94 8.9 7.2 10.8
80 10.3 7.9 11.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109818.D
Acq: 12 Oct 2018 6:40

Tgt Ion:240 Resp: 230727
Ion Ratio Lower Upper
240 100
120 11.3 8.3 12.5
236 26.2 21.2 31.8





#78

Terphenyl-d14

Concen: 72.997 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109818.D

Acq: 12 Oct 2018 6:40

Instrument :

BNA_F

ClientSampleId :

100418-SIDI-E-U-S

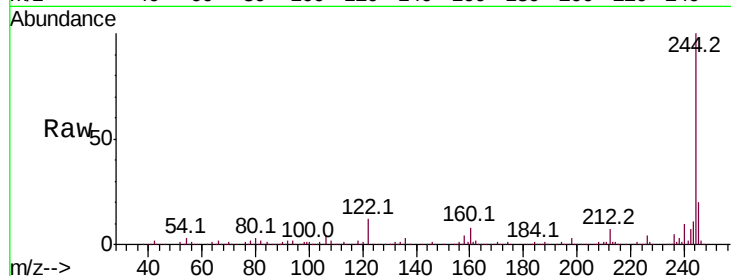
Tot Ion:244 Resp: 870034

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

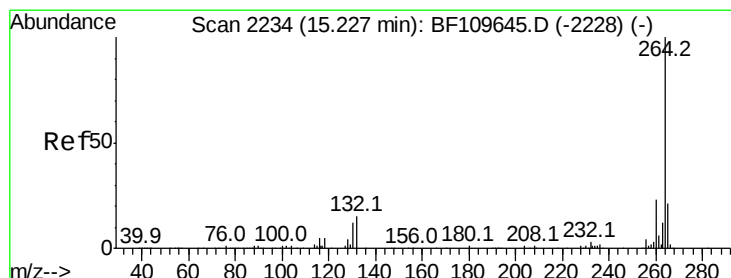
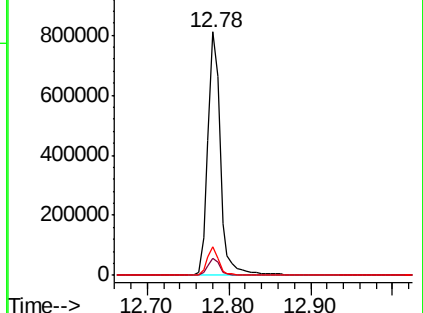
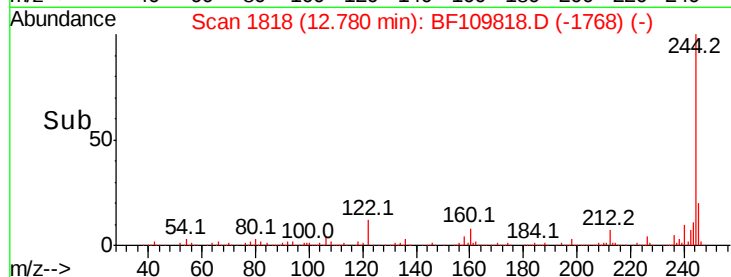
122 11.9 8.7 13.1



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: 15.23 min Scan# 2234

Delta R.T. -0.00 min

Lab File: BF109818.D

Acq: 12 Oct 2018 6:40

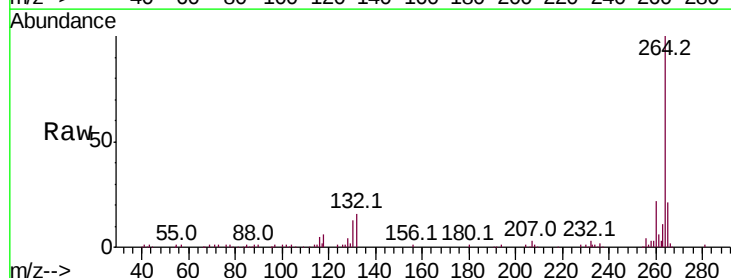
Tgt Ion:264 Resp: 156566

Ion Ratio Lower Upper

264 100

260 22.2 18.7 28.1

265 20.9 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

