

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
 Data File : BF109426.D
 Acq On : 28 Sep 2018 10:58
 Operator : JU/SJ
 Sample : J5133-06
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092618-SIDI-F-U-S

Quant Time: Sep 28 12:08:22 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

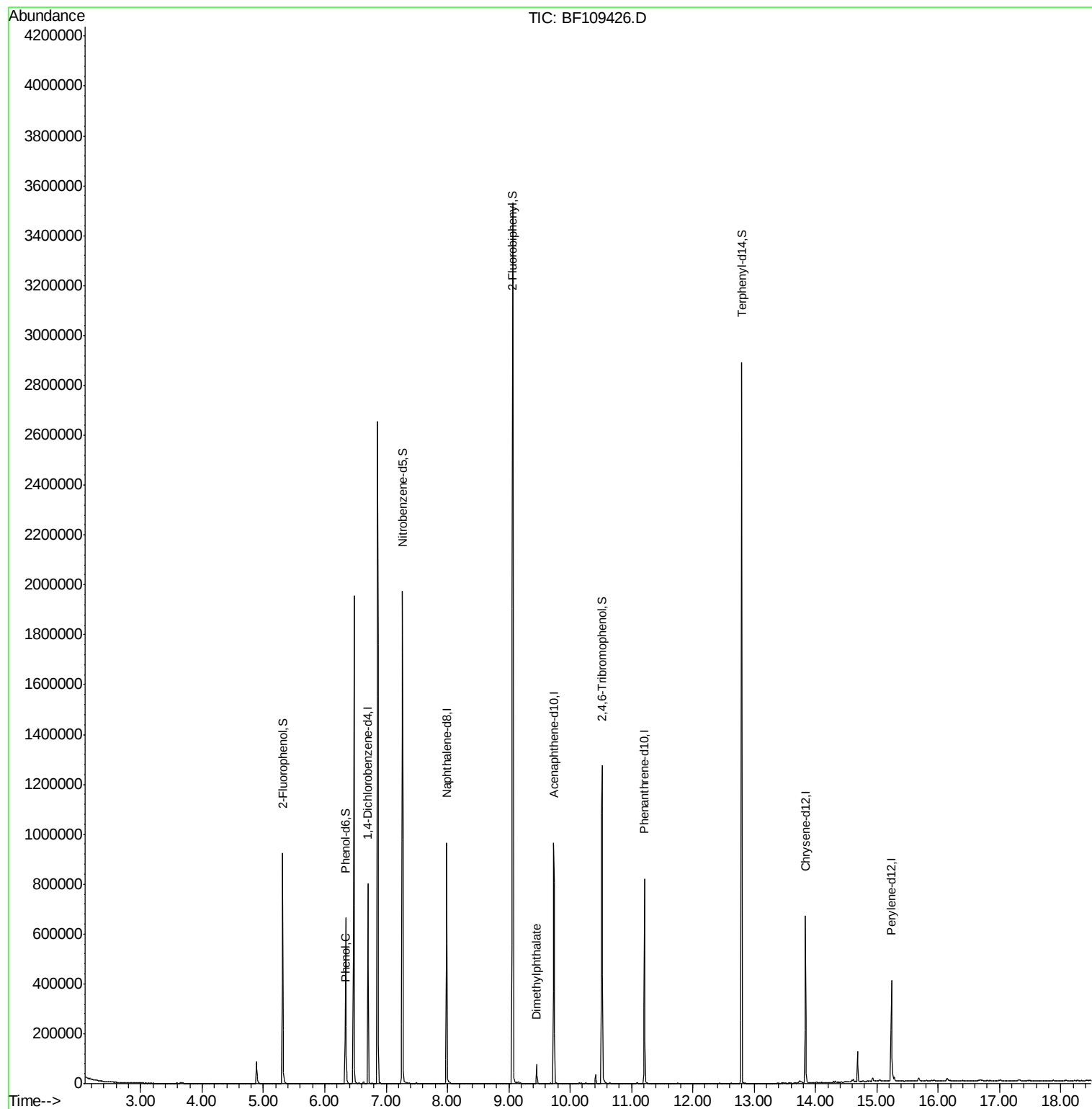
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	106010	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	399859	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	184115	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	303740	20.00	ng	0.00
75) Chrysene-d12	13.84	240	244997	20.00	ng	0.00
86) Perylene-d12	15.24	264	199785	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	264791	41.14	ng	0.00
7) Phenol-d6	6.34	99	220854	26.89	ng	-0.02
23) Nitrobenzene-d5	7.27	82	686641	101.37	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	155935	85.92	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1225517	100.39	ng	0.00
78) Terphenyl-d14	12.80	244	977480	97.92	ng	0.00
Target Compounds						
10) Phenol	6.35	94	22252	2.392	ng	97
49) Dimethylphthalate	9.46	163	35811	2.674	ng	99

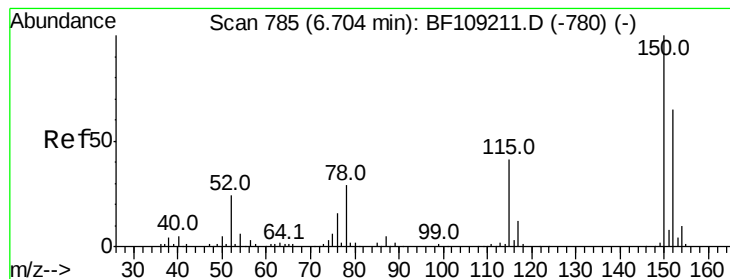
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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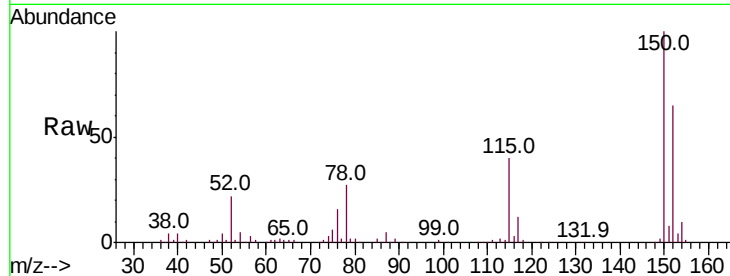


#1

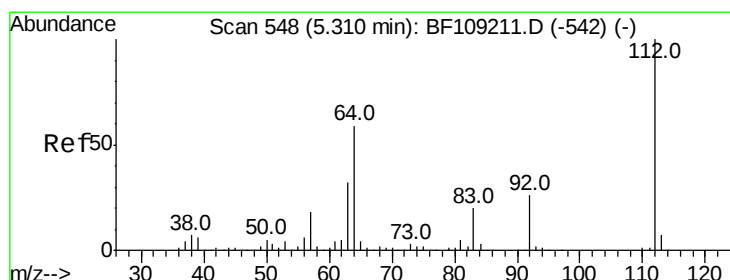
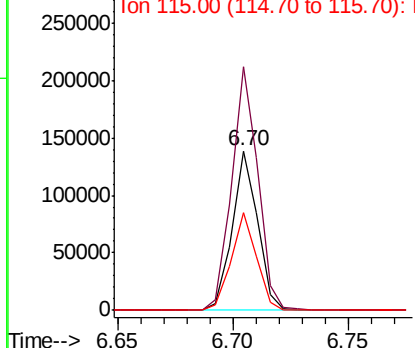
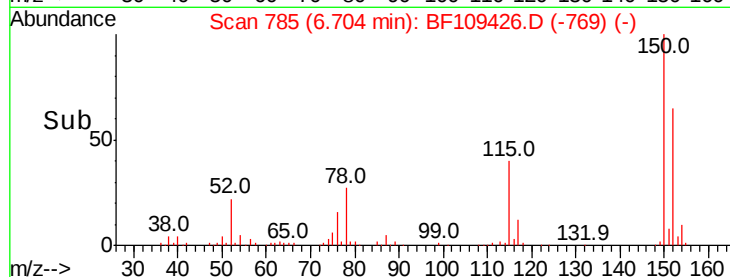
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109426.D
 Acq: 28 Sep 2018 10:58

Instrument :
 BNA_F
 ClientSampleId :
 092618-SIDI-F-U-S

Tot Ion:152 Resp: 106010
 Ion Ratio Lower Upper
 152 100
 150 153.0 124.6 186.8
 115 61.7 50.1 75.1



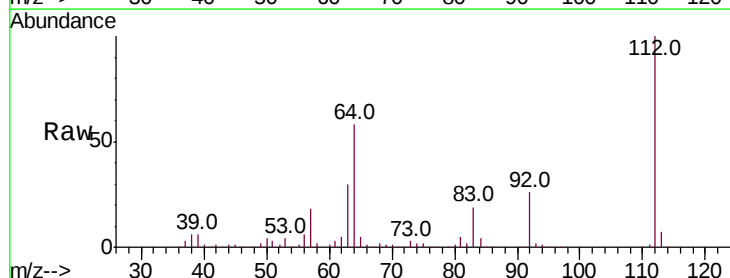
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



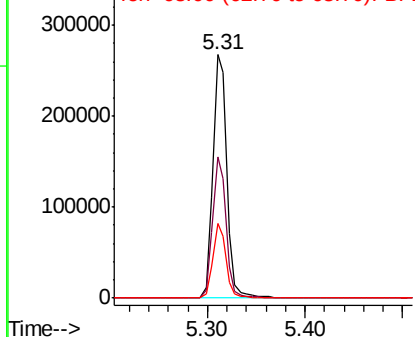
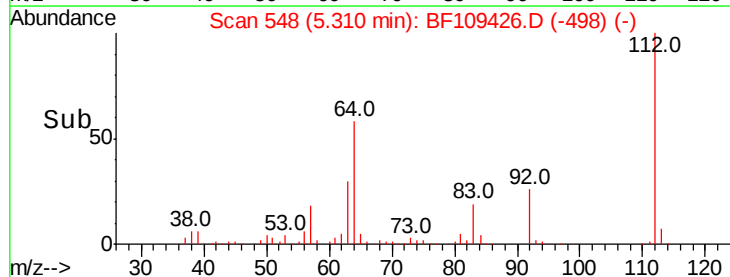
#5

2-Fluorophenol
 Concen: 41.141 ng
 RT: 5.31 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF109426.D
 Acq: 28 Sep 2018 10:58

Tgt Ion:112 Resp: 264791
 Ion Ratio Lower Upper
 112 100
 64 58.2 47.9 71.9
 63 30.4 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: 26.891 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109426.D

Acq: 28 Sep 2018 10:58

Instrument :

BNA_F

ClientSampleId :

092618-SIDI-F-U-S

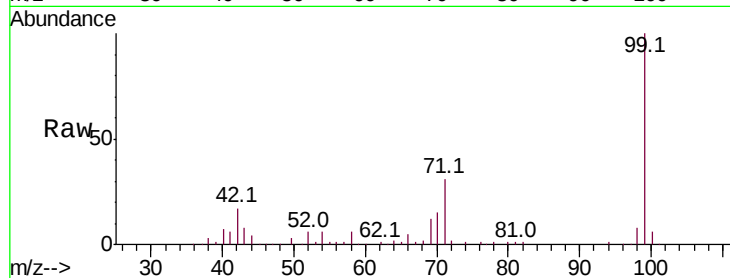
Tot Ion: 99 Resp: 220854

Ion Ratio Lower Upper

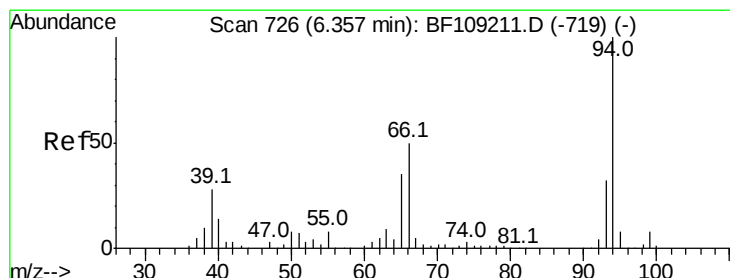
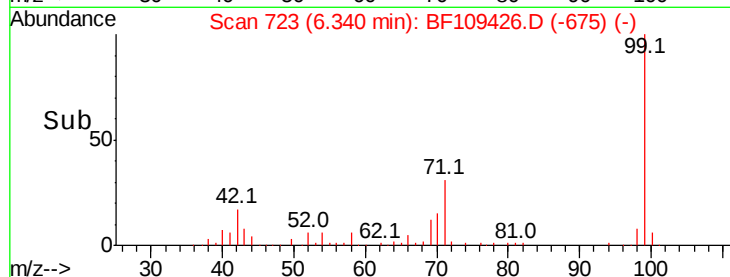
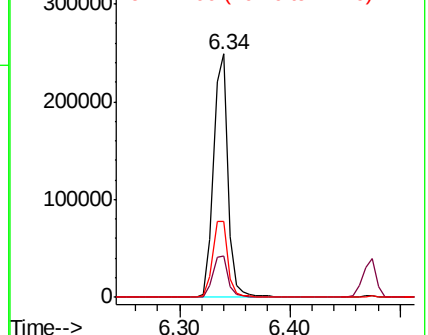
99 100

42 17.0 14.5 21.7

71 31.3 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: 2.392 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF109426.D

Acq: 28 Sep 2018 10:58

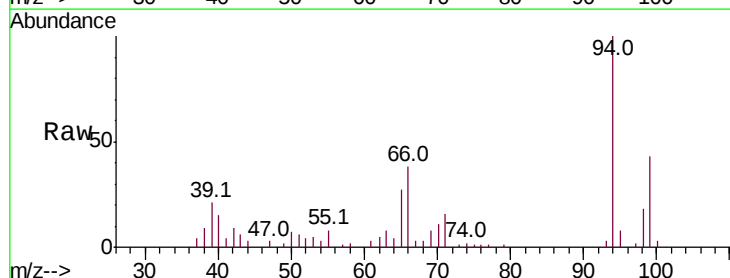
Tgt Ion: 94 Resp: 22252

Ion Ratio Lower Upper

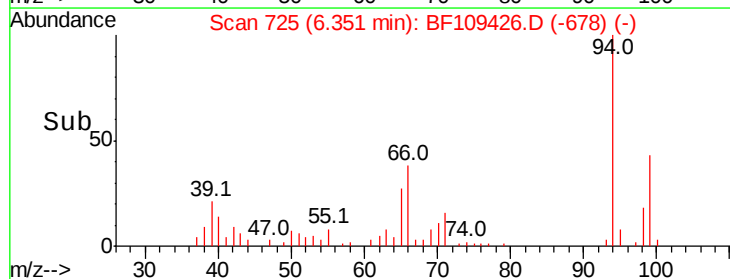
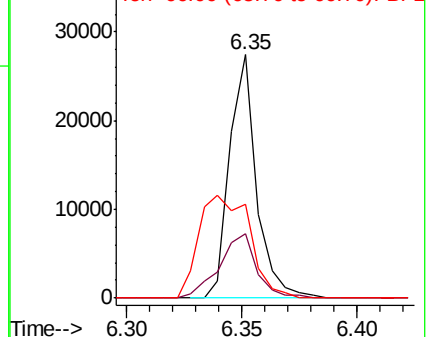
94 100

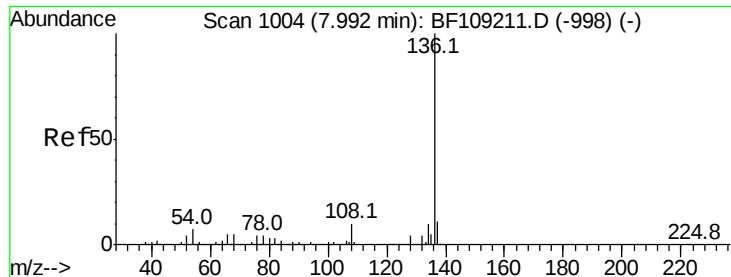
65 26.6 7.9 47.9

66 38.5 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

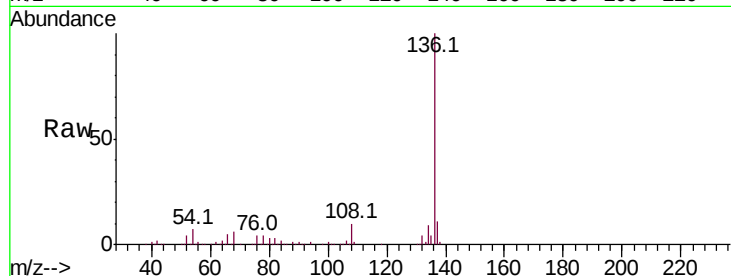




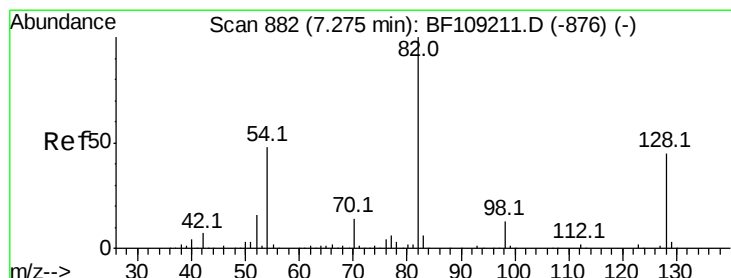
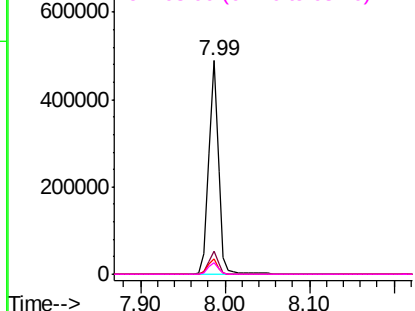
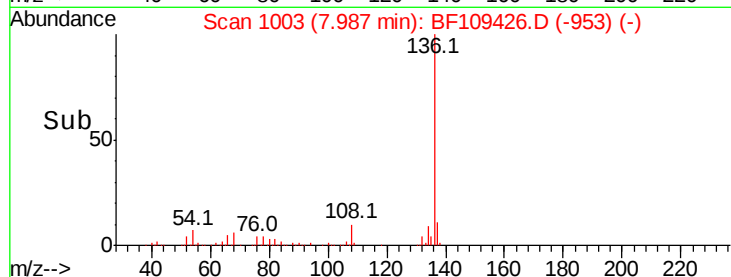
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109426.D
Acq: 28 Sep 2018 10:58

Instrument :
BNA_F
ClientSampleId :
092618-SIDI-F-U-S

Tot Ion:136	Resp:	399859
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.9 13.3
54	7.0	6.6 9.8
68	5.7	5.0 7.4

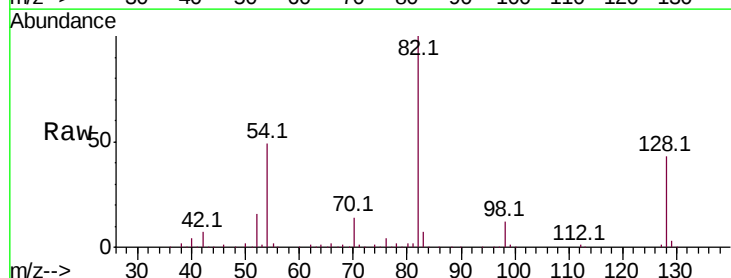


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

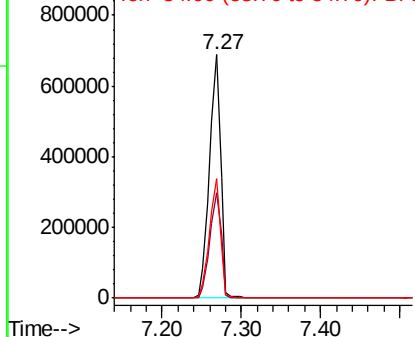
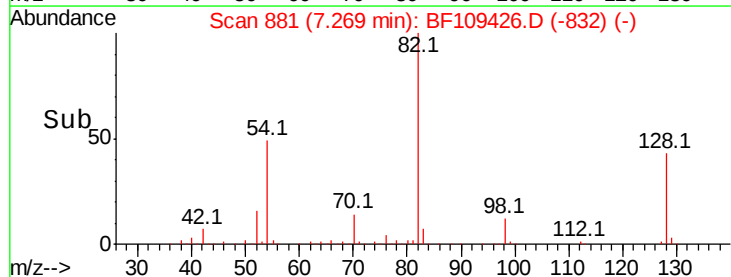


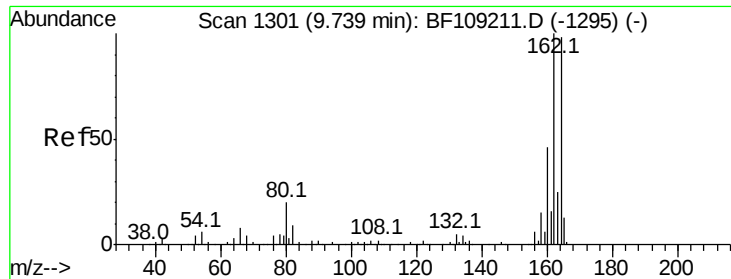
#23
Nitrobenzene-d5
Concen: 101.369 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109426.D
Acq: 28 Sep 2018 10:58

Tgt Ion: 82	Resp:	686641
Ion	Ratio	Lower Upper
82	100	
128	43.3	36.1 54.1
54	49.1	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: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF109426.D

Acq: 28 Sep 2018 10:58

Instrument :

BNA_F

ClientSampleId :

092618-SIDI-F-U-S

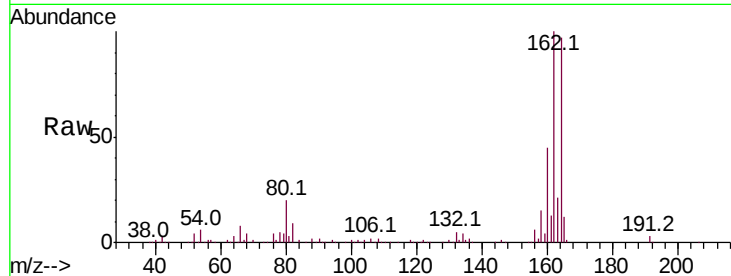
Tot Ion:164 Resp: 184115

Ion Ratio Lower Upper

164 100

162 102.6 86.1 129.1

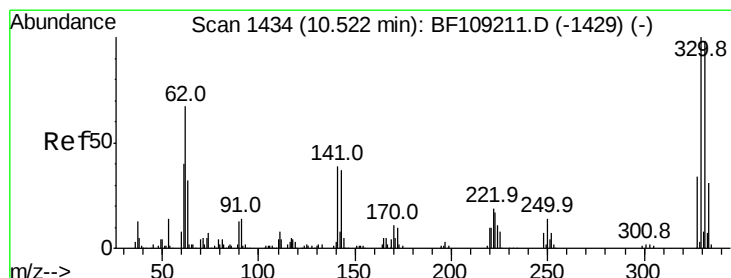
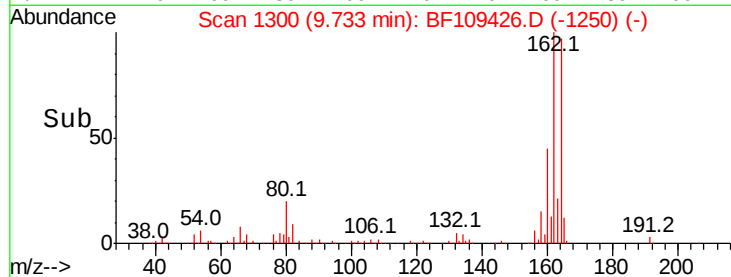
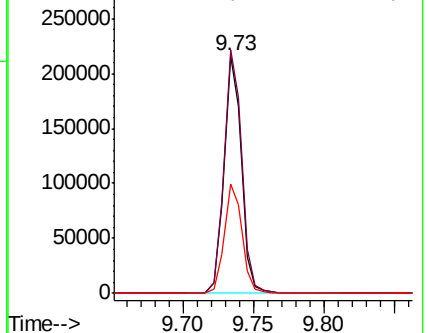
160 46.0 38.3 57.5



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: 85.915 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF109426.D

Acq: 28 Sep 2018 10:58

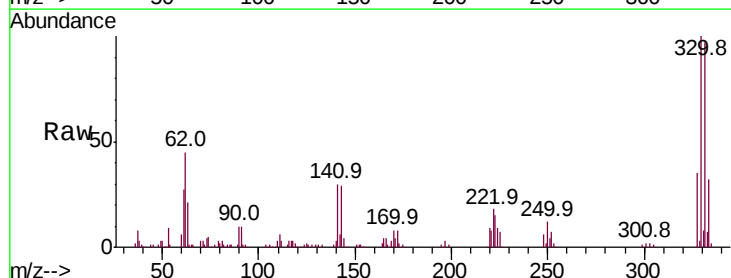
Tgt Ion:330 Resp: 155935

Ion Ratio Lower Upper

330 100

332 98.0 77.0 115.6

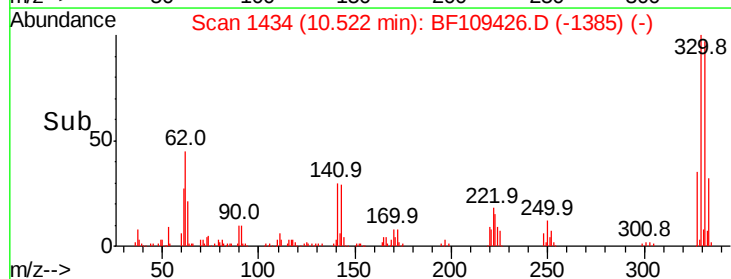
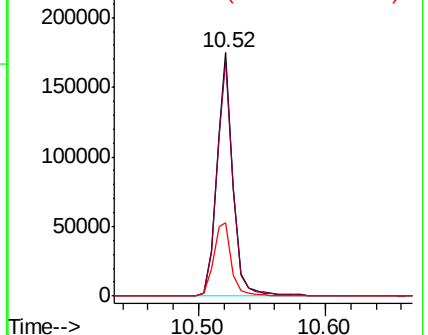
141 33.9 29.9 44.9

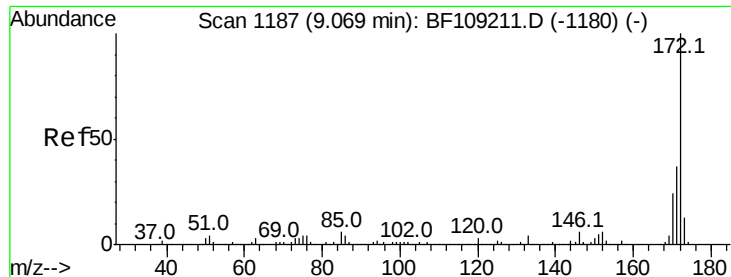


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

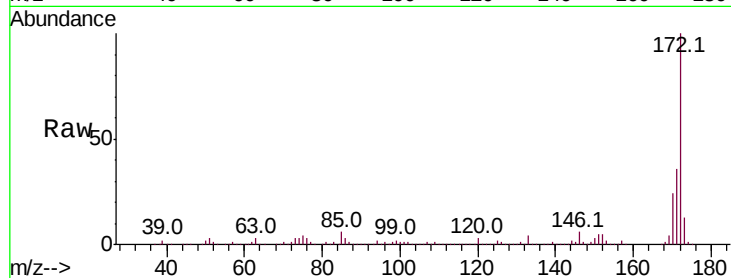




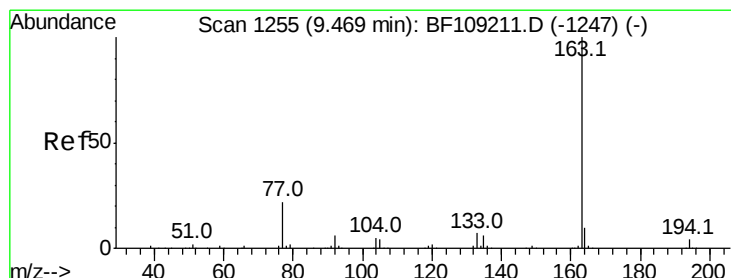
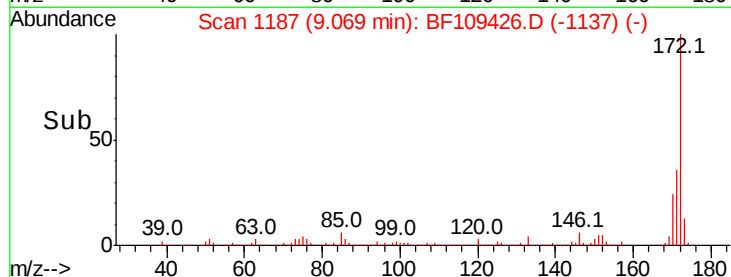
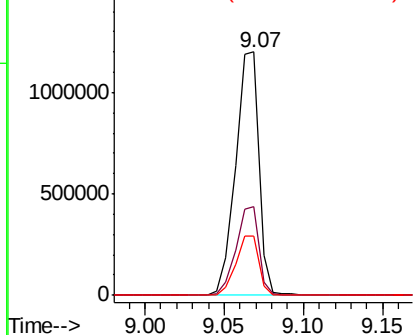
#44
2-Fluorobiphenyl
Concen: 100.389 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF109426.D
Acq: 28 Sep 2018 10:58

Instrument :
BNA_F
ClientSampleId :
092618-SIDI-F-U-S

Tot Ion:172 Resp: 1225517
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 24.2 19.6 29.4

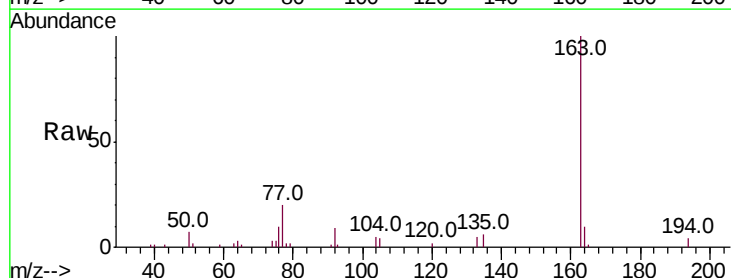


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

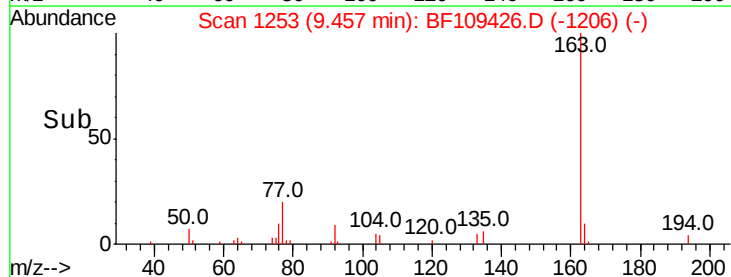
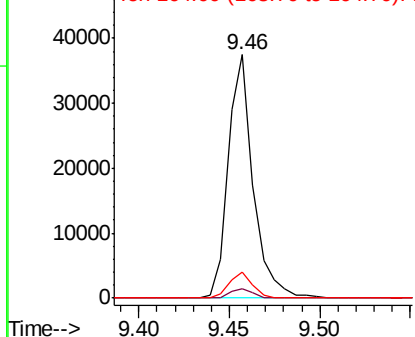


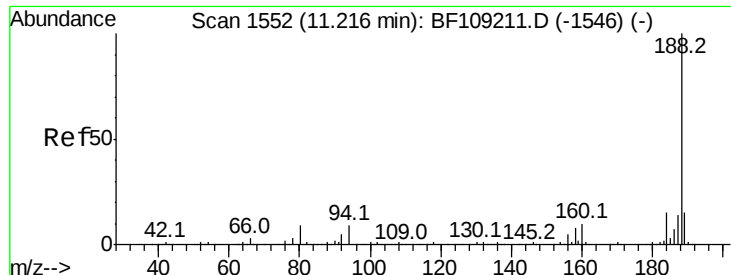
#49
Dimethylphthalate
Concen: 2.674 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109426.D
Acq: 28 Sep 2018 10:58

Tgt Ion:163 Resp: 35811
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.5 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

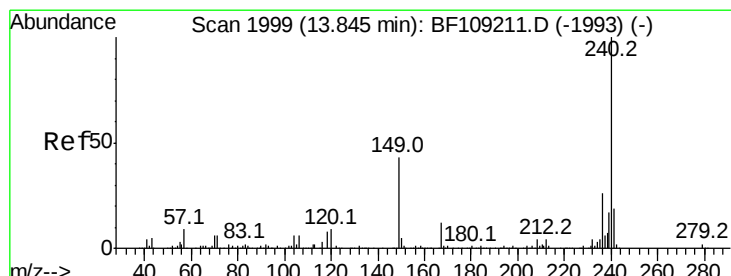
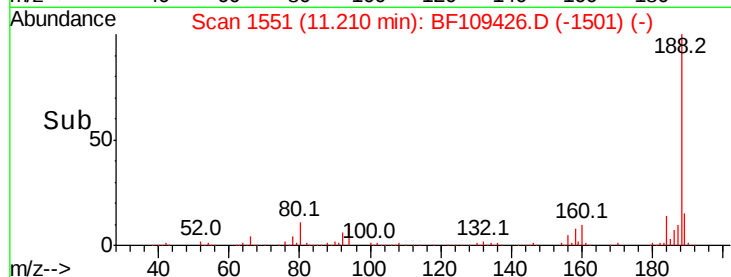
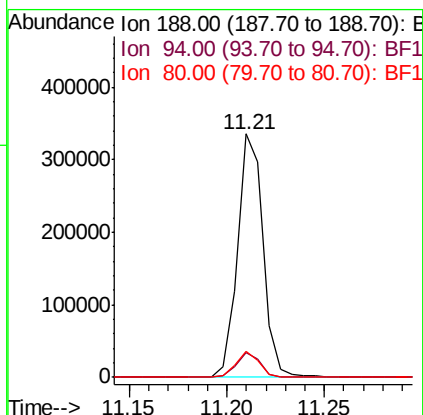
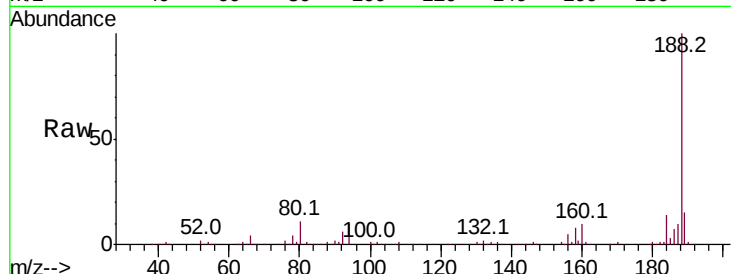




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109426.D
Acq: 28 Sep 2018 10:58

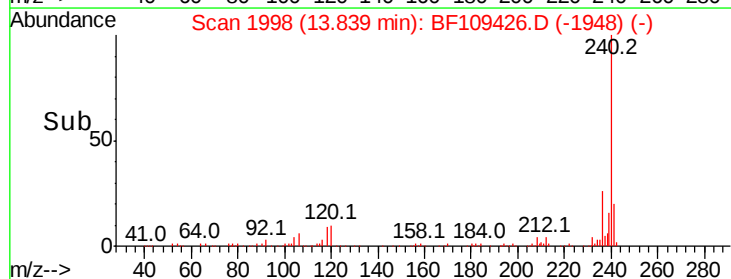
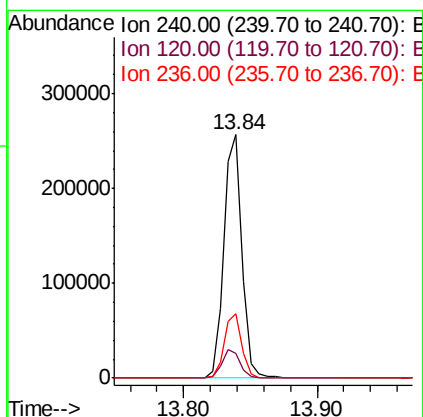
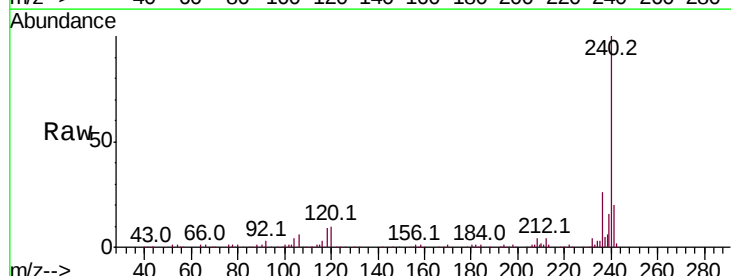
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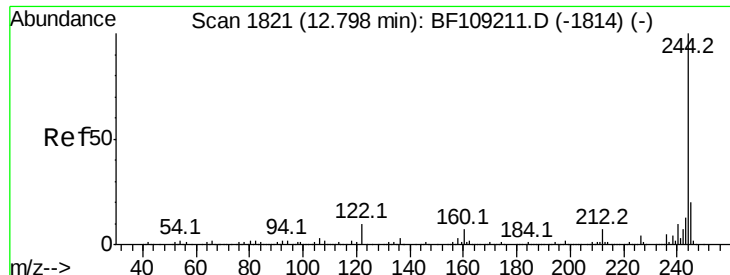
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	10.9	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109426.D
Acq: 28 Sep 2018 10:58

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.5	14.3
236	26.4	20.7	31.1





#78

Terphenyl-d14

Concen: 97.915 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109426.D

Acq: 28 Sep 2018 10:58

Instrument :

BNA_F

ClientSampleId :

092618-SIDI-F-U-S

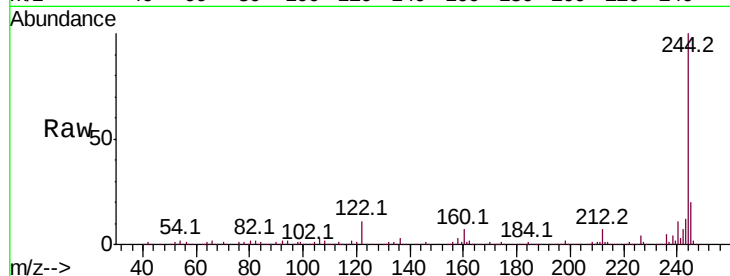
Tot Ion:244 Resp: 977480

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

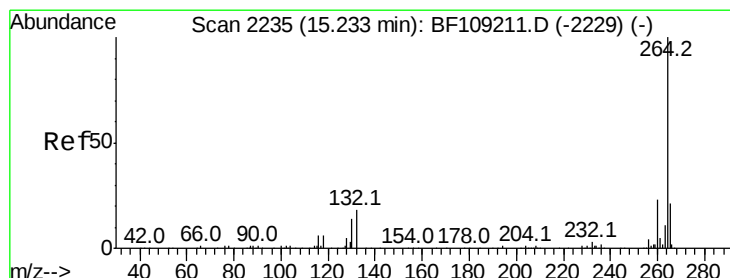
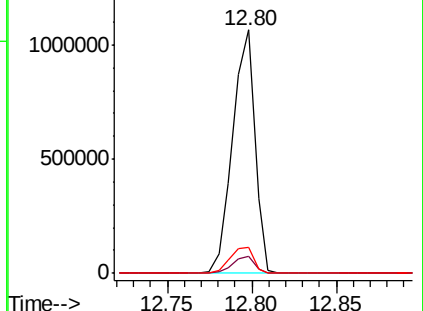
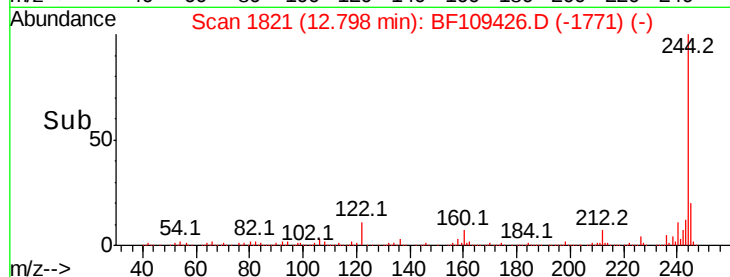
122 10.8 11.0 16.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.24 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BF109426.D

Acq: 28 Sep 2018 10:58

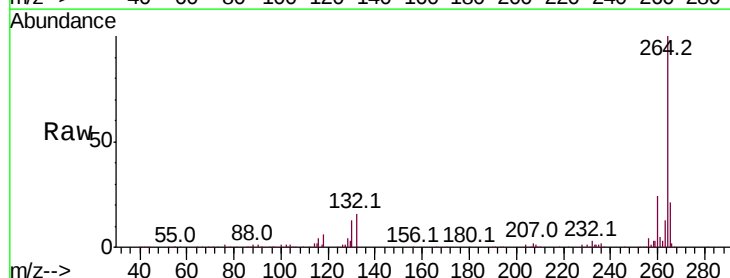
Tgt Ion:264 Resp: 199785

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 20.7 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

