

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
 Data File : BF109392.D
 Acq On : 27 Sep 2018 17:30
 Operator : JU/SJ
 Sample : J5066-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q1-I4

Quant Time: Sep 28 05:19:26 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

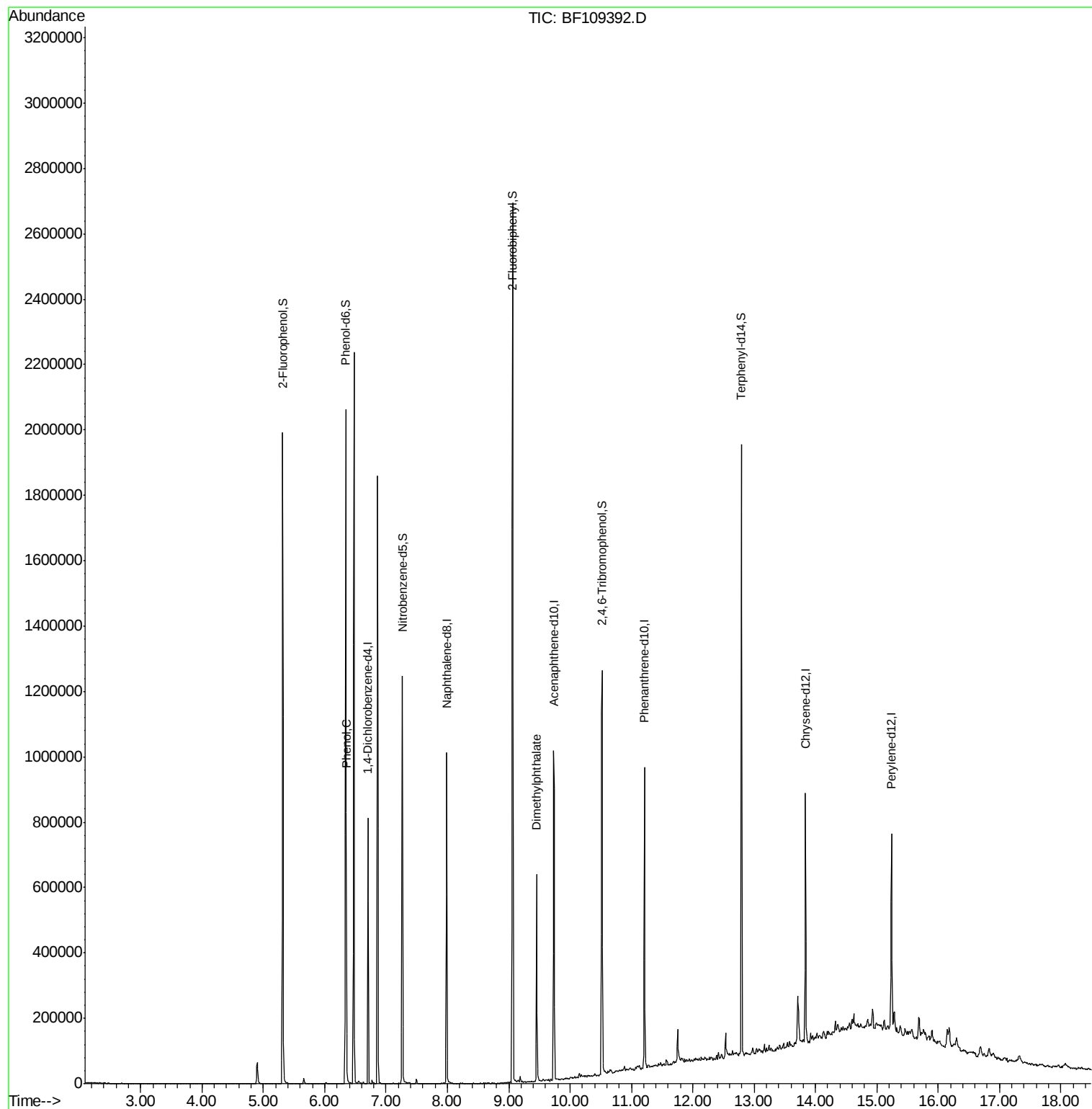
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	108884	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	417526	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	192522	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	329859	20.00	ng	0.00
75) Chrysene-d12	13.84	240	253768	20.00	ng	0.00
86) Perylene-d12	15.24	264	276194	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	538076	81.39	ng	0.00
7) Phenol-d6	6.35	99	682982	80.96	ng	-0.01
23) Nitrobenzene-d5	7.26	82	436414	61.70	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	153952	81.12	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	782204	61.28	ng	-0.01
78) Terphenyl-d14	12.79	244	600820	58.10	ng	-0.01
Target Compounds						
10) Phenol	6.36	94	26293	2.752	ng	98
49) Dimethylphthalate	9.46	163	247960	17.708	ng	100

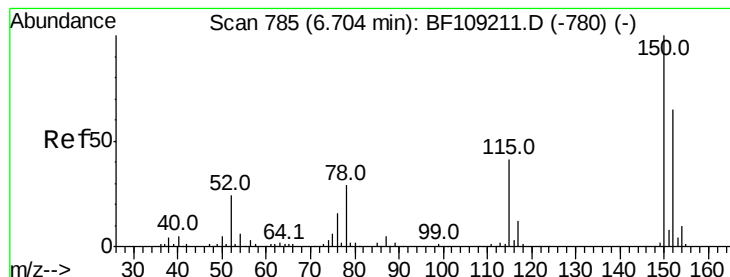
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Sep 22 13:32:18 2018
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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: BF109392.D

Acq: 27 Sep 2018 17:30

Instrument :

BNA_F

ClientSampleId :

EP1-Q1-I4

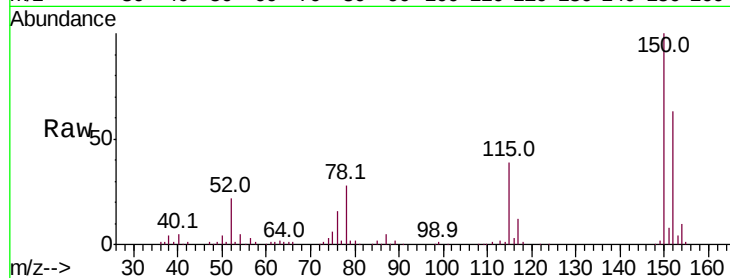
Tot Ion:152 Resp: 108884

Ion Ratio Lower Upper

152 100

150 158.1 124.6 186.8

115 61.4 50.1 75.1

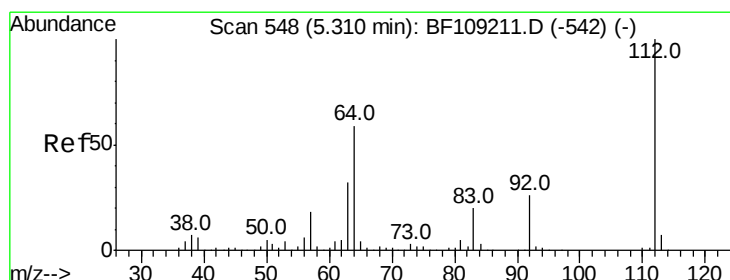
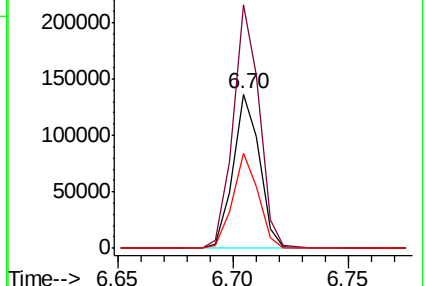
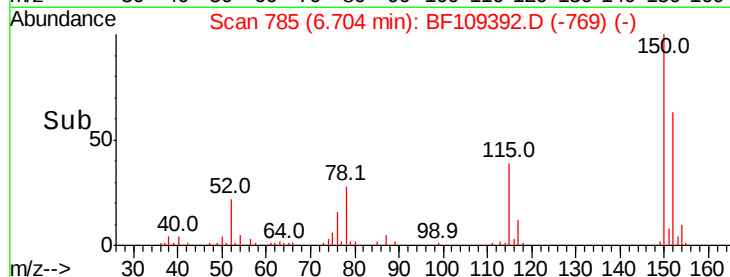


Abundance

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: 81.394 ng

RT: 5.32 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF109392.D

Acq: 27 Sep 2018 17:30

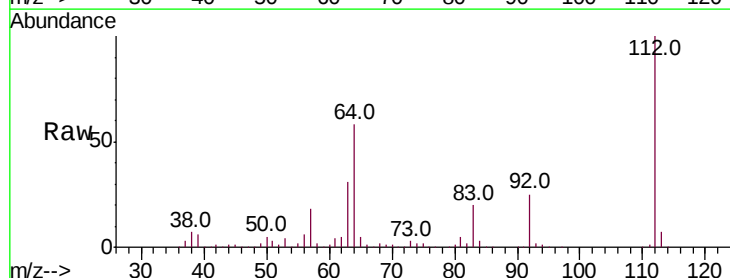
Tgt Ion:112 Resp: 538076

Ion Ratio Lower Upper

112 100

64 58.4 47.9 71.9

63 31.1 23.7 35.5

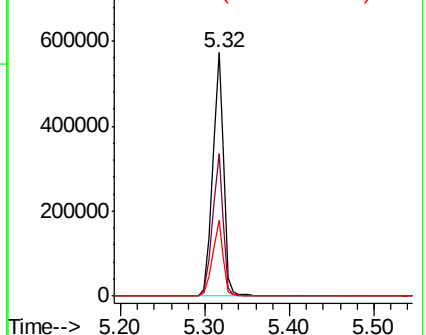
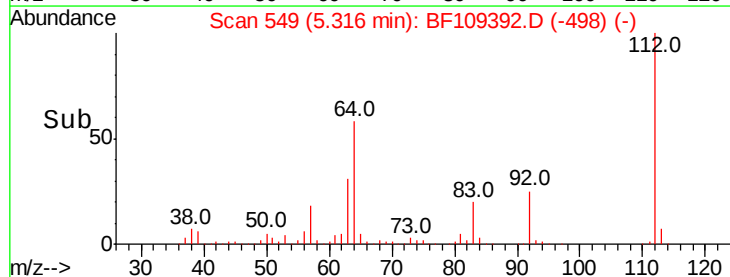


Abundance

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: 80.965 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109392.D

Acq: 27 Sep 2018 17:30

Instrument :

BNA_F

ClientSampleId :

EP1-Q1-I4

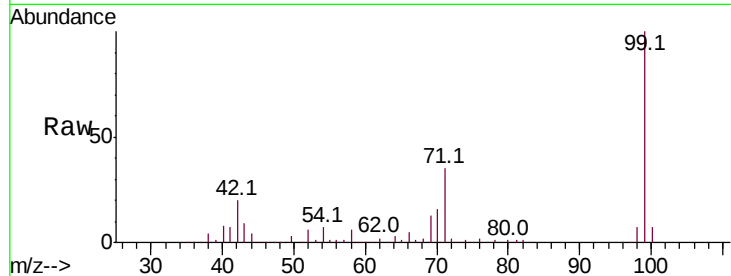
Tot Ion: 99 Resp: 682982

Ion Ratio Lower Upper

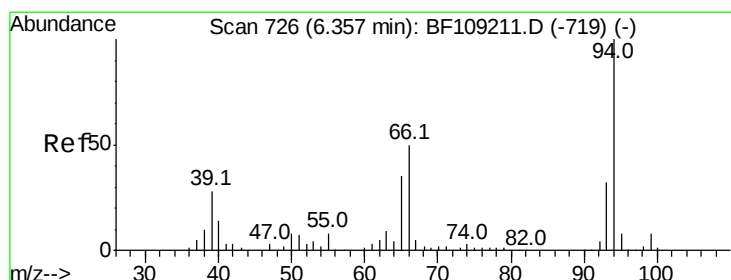
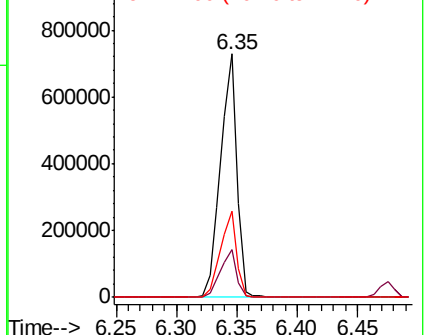
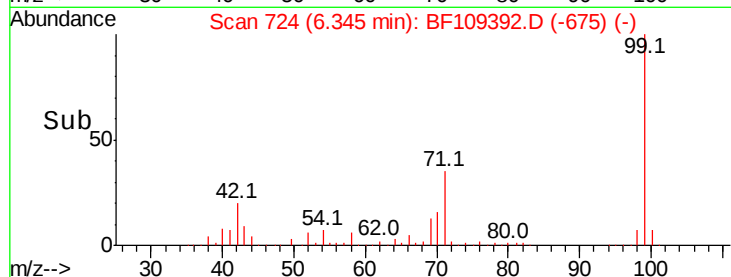
99 100

42 19.6 14.5 21.7

71 35.4 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: 2.752 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF109392.D

Acq: 27 Sep 2018 17:30

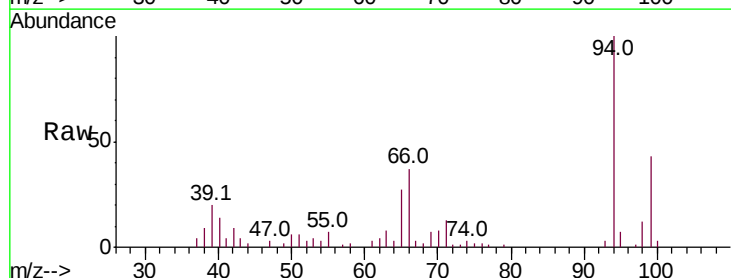
Tgt Ion: 94 Resp: 26293

Ion Ratio Lower Upper

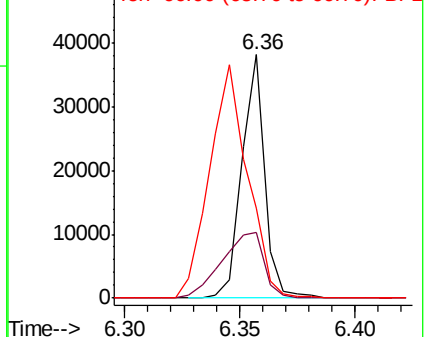
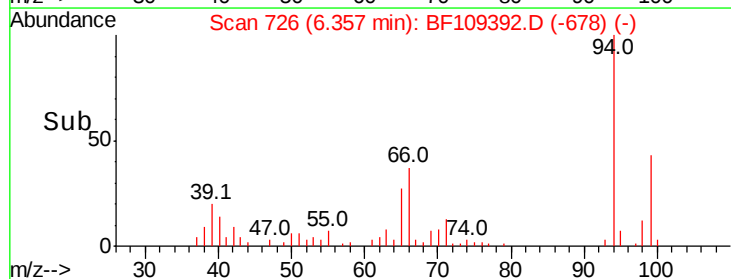
94 100

65 26.7 7.9 47.9

66 37.2 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: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109392.D

Acq: 27 Sep 2018 17:30

Instrument :

BNA_F

ClientSampleId :

EP1-Q1-I4

Tot Ion:136 Resp: 417526

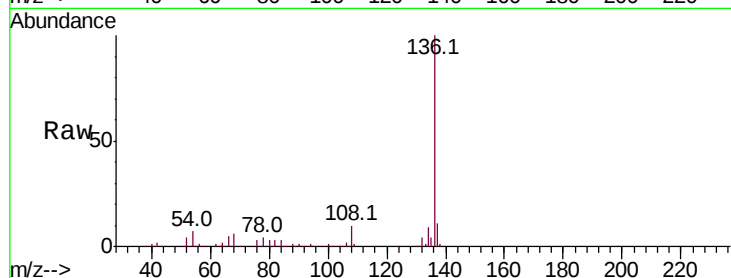
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.1 6.6 9.8

68 5.6 5.0 7.4

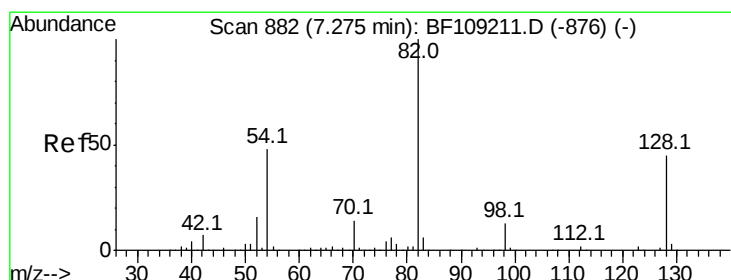
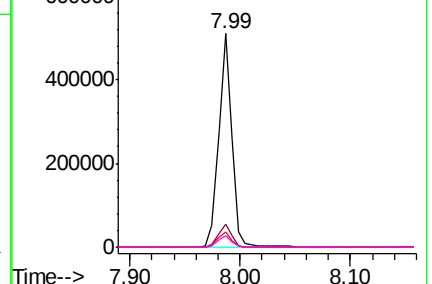
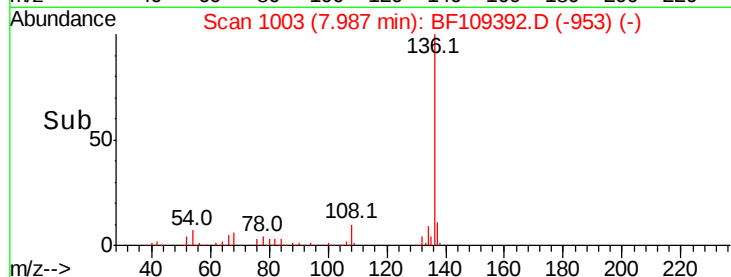


Abundance Ion 136.00 (135.70 to 136.70): E

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: 61.702 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF109392.D

Acq: 27 Sep 2018 17:30

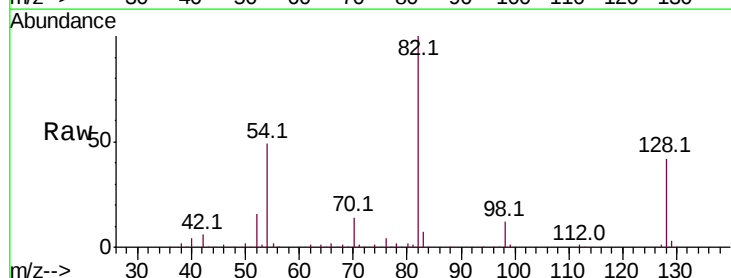
Tgt Ion: 82 Resp: 436414

Ion Ratio Lower Upper

82 100

128 41.5 36.1 54.1

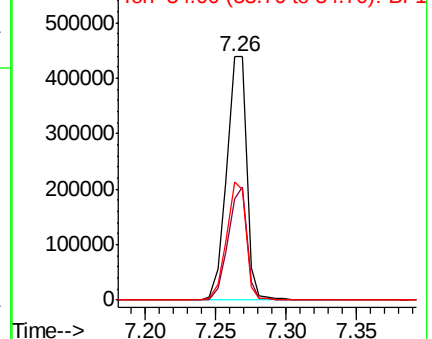
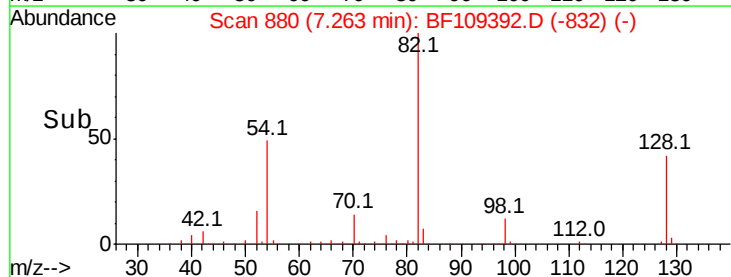
54 48.5 41.4 62.2

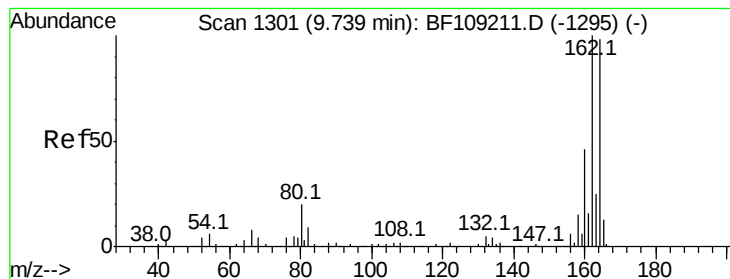


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: BF109392.D

Acq: 27 Sep 2018 17:30

Instrument :

BNA_F

ClientSampleId :

EP1-Q1-I4

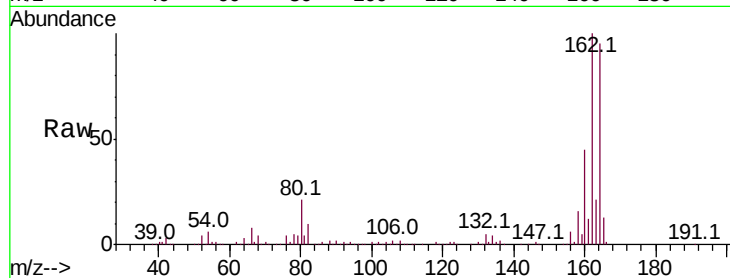
Tot Ion:164 Resp: 192522

Ion Ratio Lower Upper

164 100

162 105.0 86.1 129.1

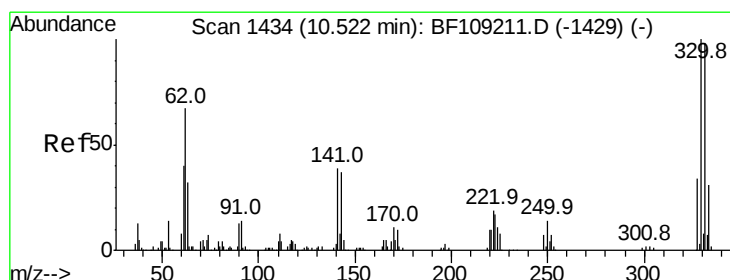
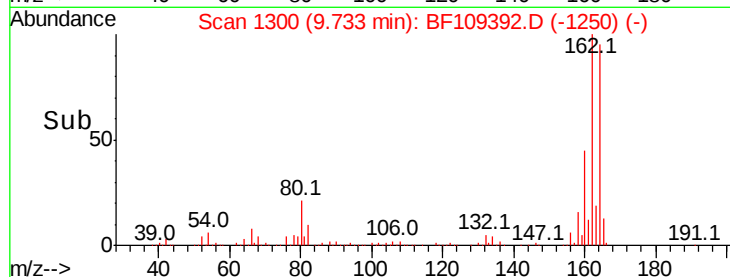
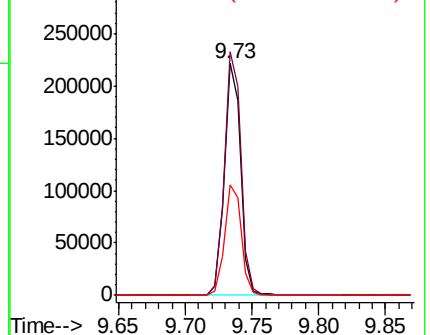
160 47.4 38.3 57.5



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: 81.118 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF109392.D

Acq: 27 Sep 2018 17:30

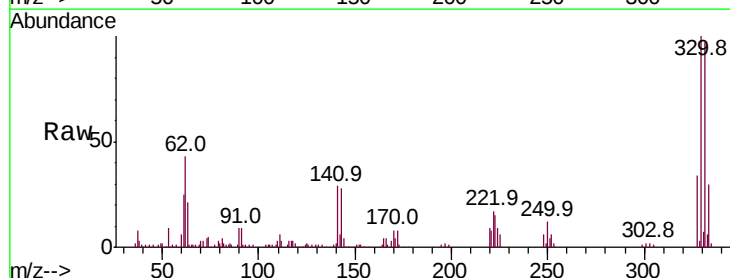
Tgt Ion:330 Resp: 153952

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.6

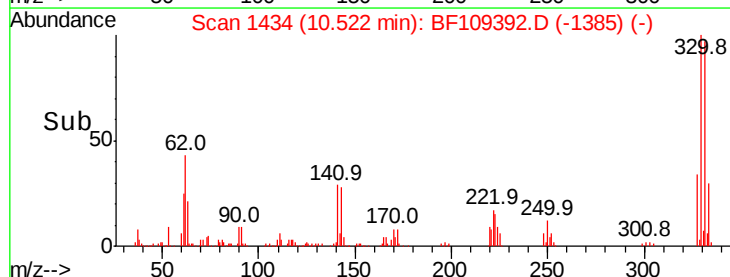
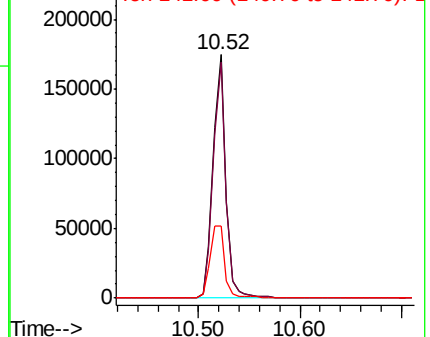
141 34.3 29.9 44.9

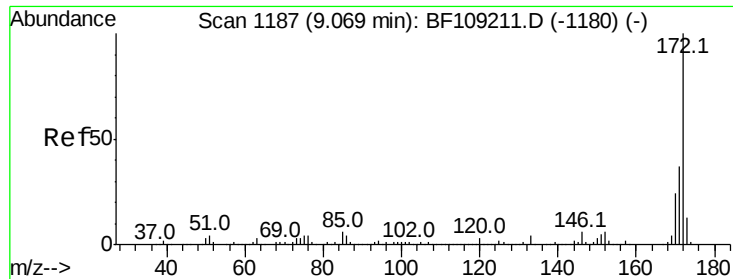


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

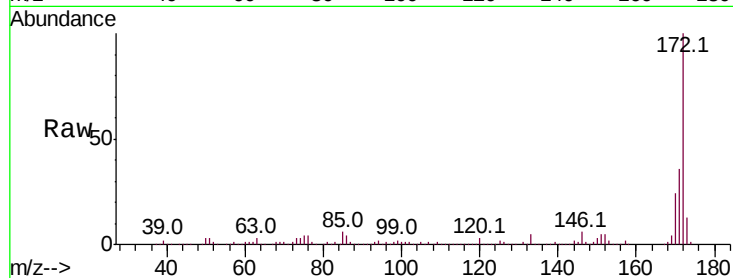




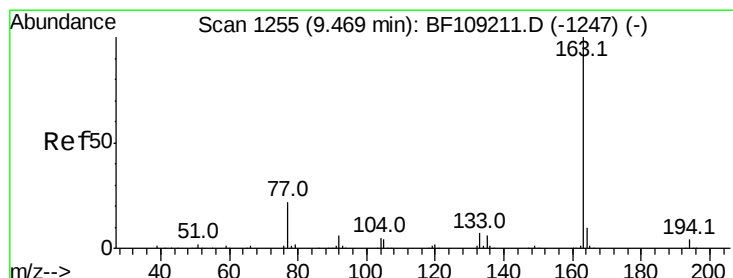
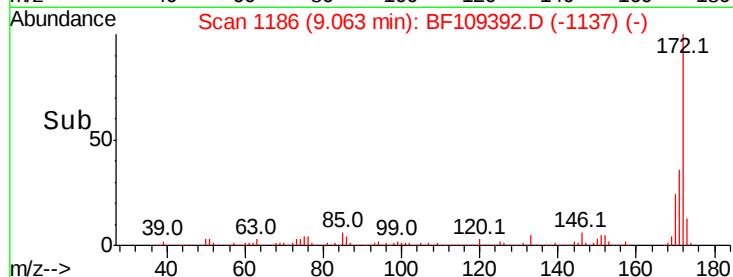
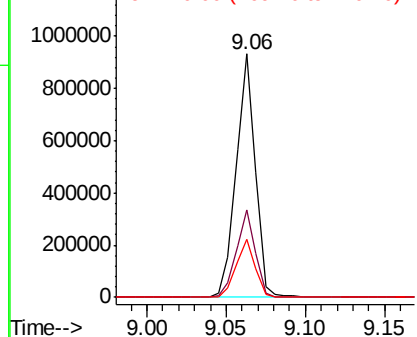
#44
2-Fluorobiphenyl
Concen: 61.277 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109392.D
Acq: 27 Sep 2018 17:30

Instrument :
BNA_F
ClientSampleId :
EP1-Q1-I4

Tot Ion:172 Resp: 782204
Ion Ratio Lower Upper
172 100
171 35.7 29.7 44.5
170 23.8 19.6 29.4

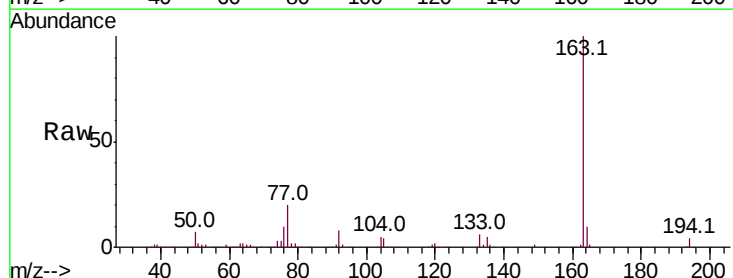


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

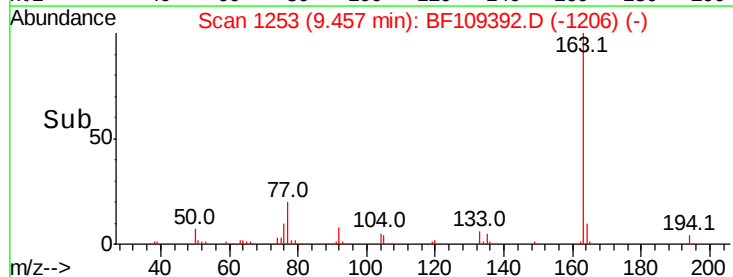
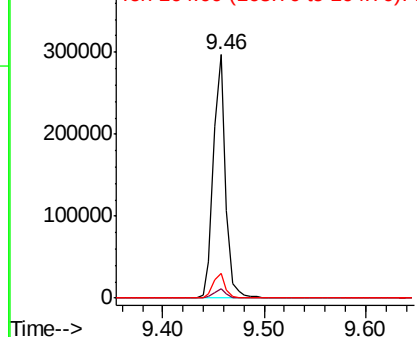


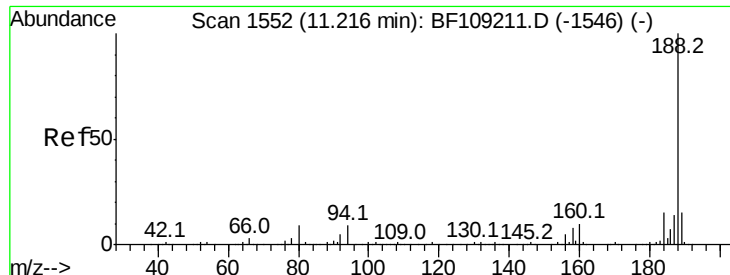
#49
Dimethylphthalate
Concen: 17.708 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109392.D
Acq: 27 Sep 2018 17:30

Tgt Ion:163 Resp: 247960
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.2 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

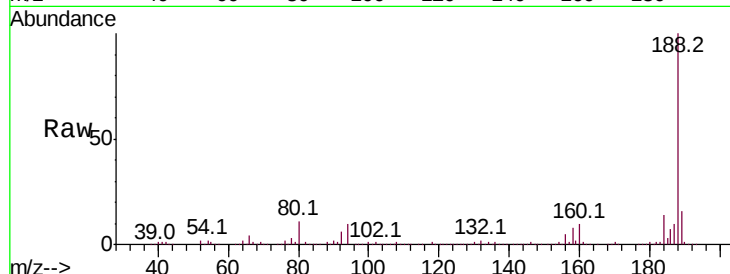




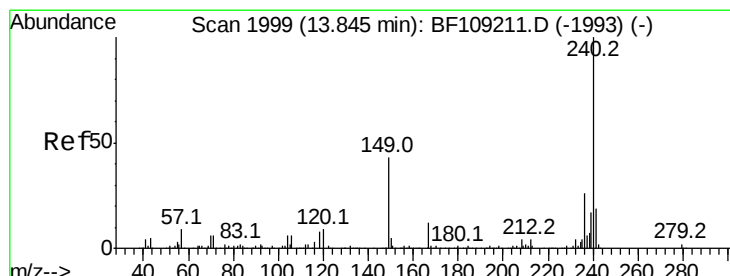
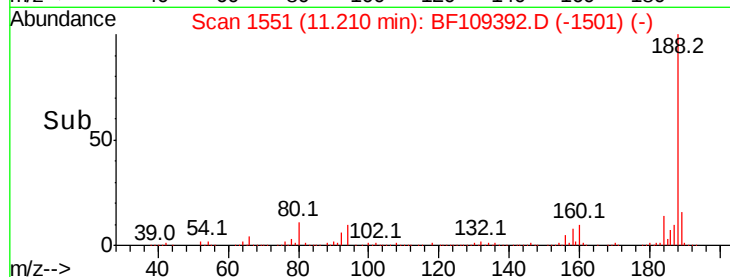
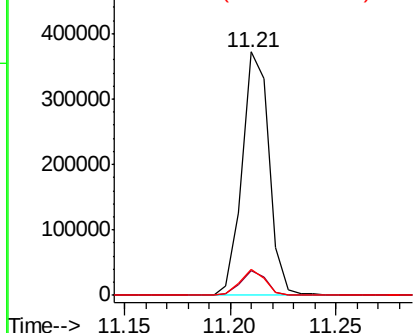
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109392.D
Acq: 27 Sep 2018 17:30

Instrument :
BNA_F
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EP1-Q1-I4

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	10.7	9.2	13.8

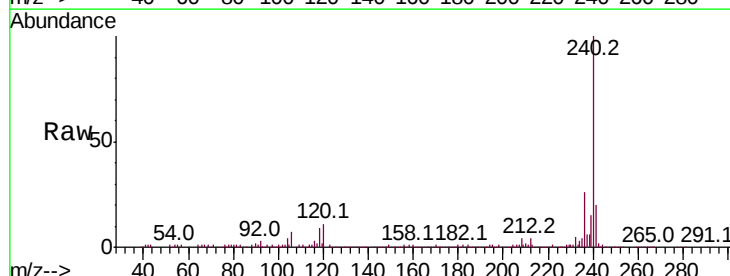


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

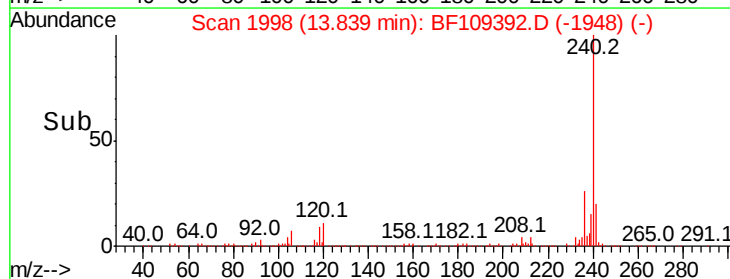
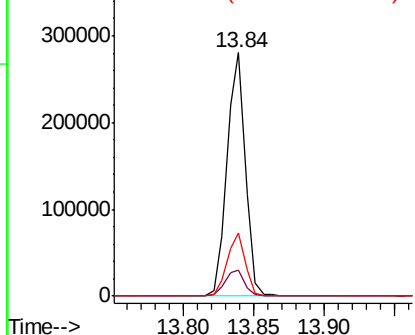


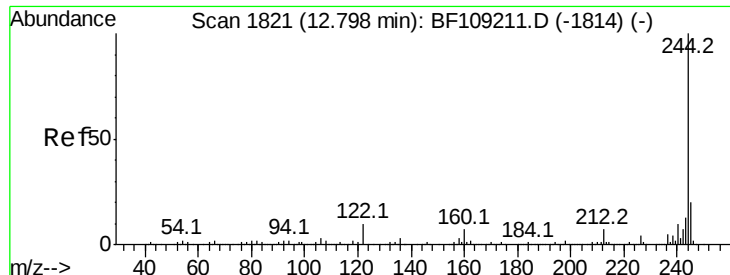
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109392.D
Acq: 27 Sep 2018 17:30

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.5	14.3
236	26.1	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: 58.105 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109392.D

Acq: 27 Sep 2018 17:30

Instrument :

BNA_F

ClientSampleId :

EP1-Q1-I4

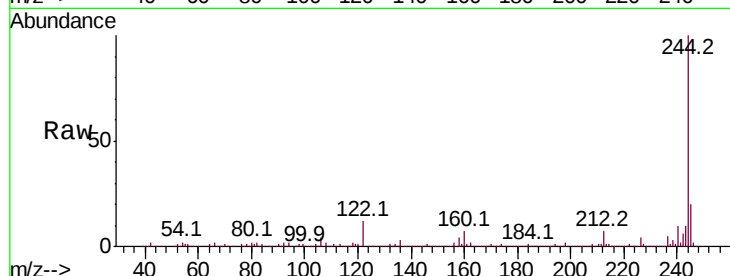
Tot Ion:244 Resp: 600820

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

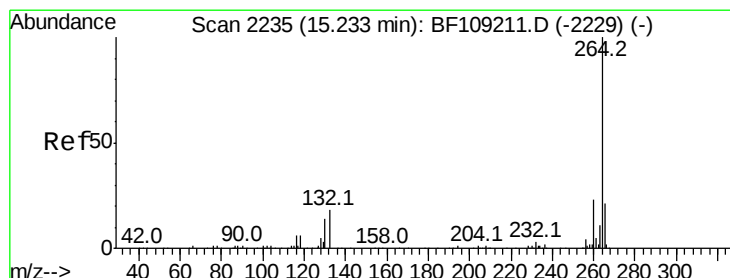
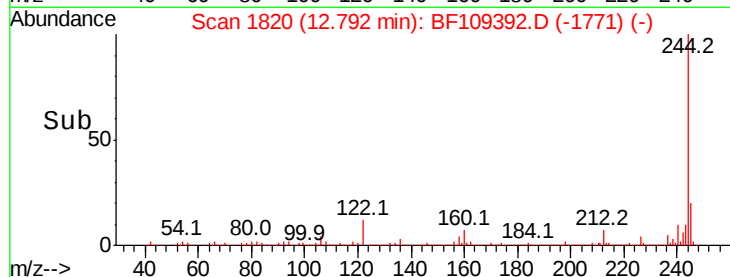
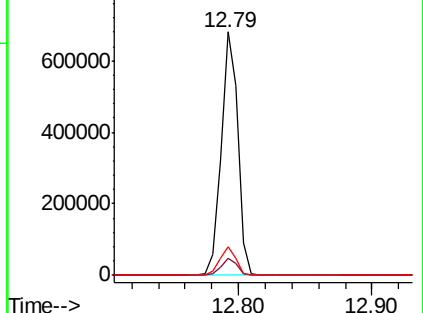
122 11.7 11.0 16.4



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: BF109392.D

Acq: 27 Sep 2018 17:30

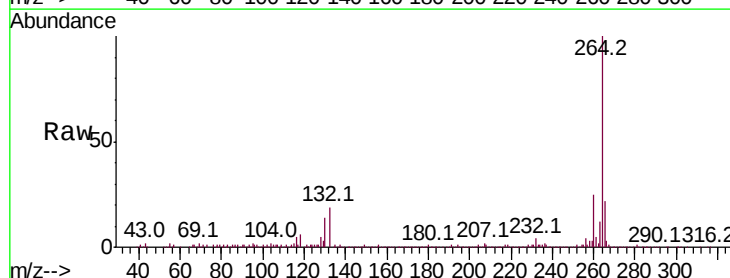
Tgt Ion:264 Resp: 276194

Ion Ratio Lower Upper

264 100

260 24.9 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

