

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010819\
 Data File : BF111914.D
 Acq On : 8 Jan 2019 18:28
 Operator : JU/SJ
 Sample : K1074-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W12-4

Quant Time: Jan 09 01:09:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

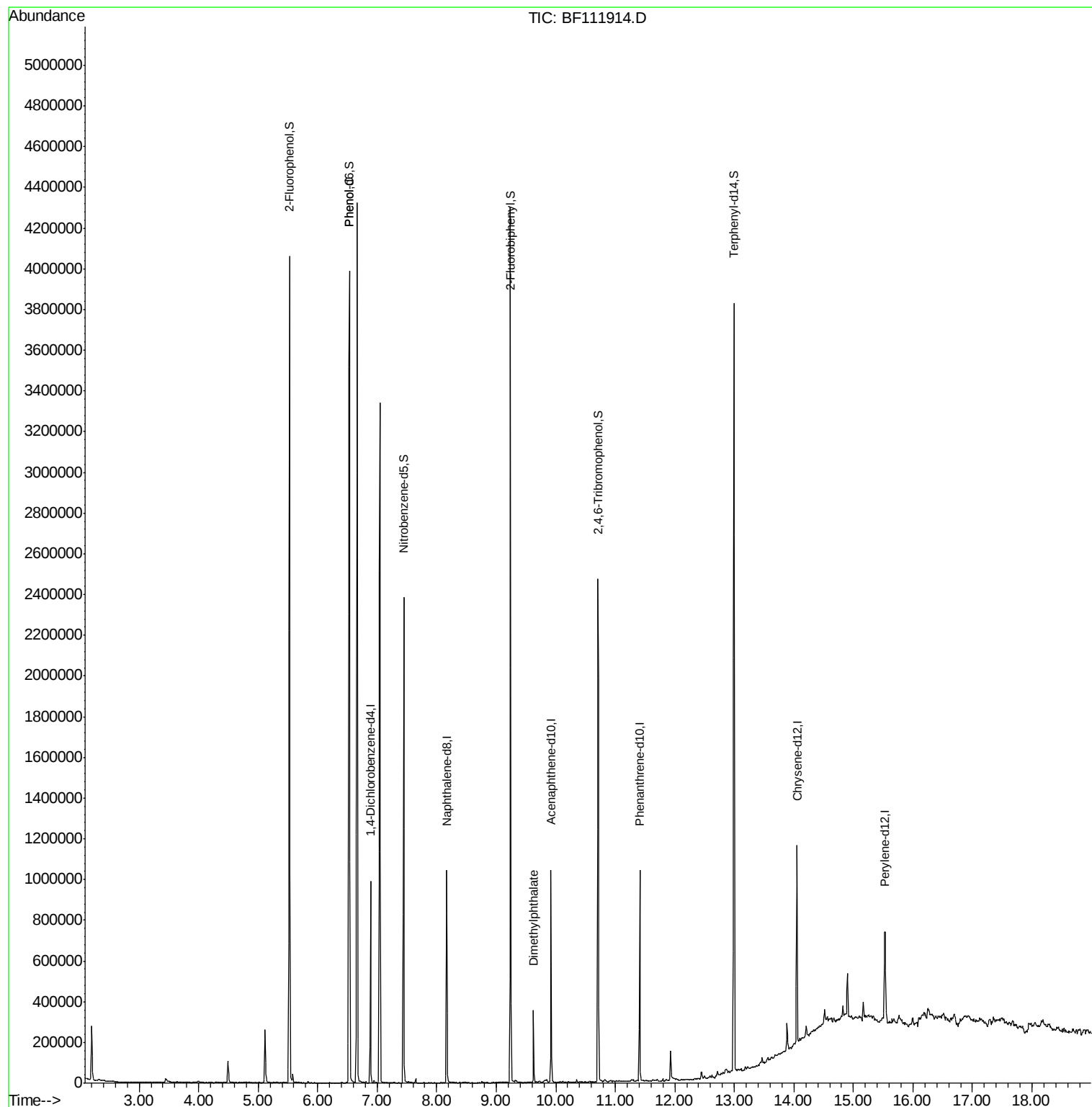
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	140761	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	451012	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	195840	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	376482	20.00	ng	0.00
76) Chrysene-d12	14.05	240	329821	20.00	ng	0.00
87) Perylene-d12	15.53	264	229881	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1155257	140.41	ng	0.00
7) Phenol-d6	6.53	99	1422455	134.14	ng	0.00
23) Nitrobenzene-d5	7.45	82	765841	90.75	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	309527	121.51	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1308451	97.43	ng	-0.01
79) Terphenyl-d14	12.99	244	1244246	71.61	ng	0.00
Target Compounds						
10) Phenol	6.54	94	45991	3.990	ng	95
50) Dimethylphthalate	9.63	163	124123	8.437	ng	100

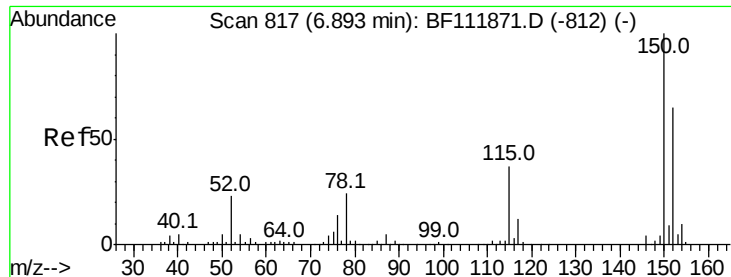
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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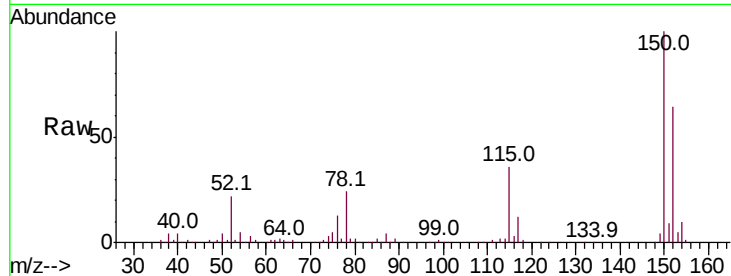


#1

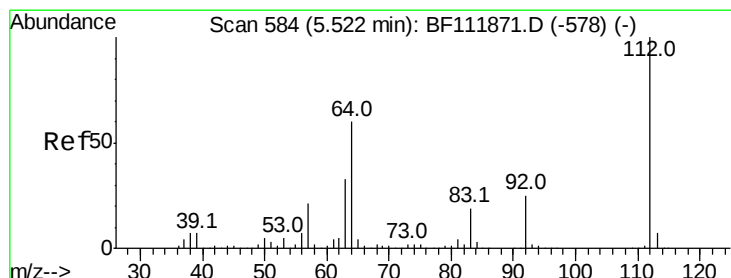
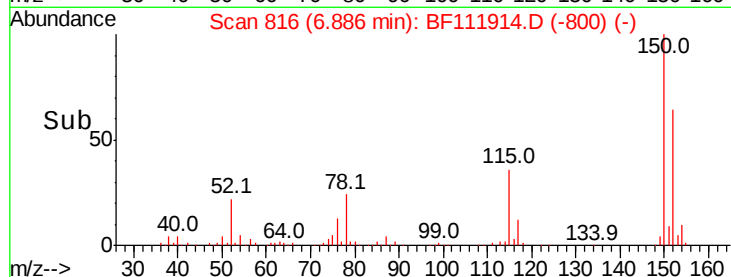
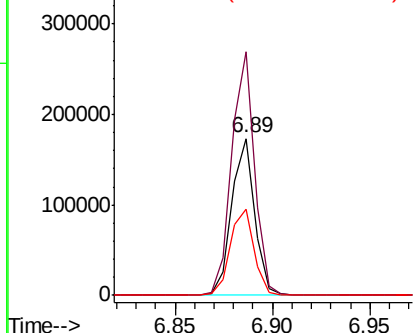
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111914.D
Acq: 8 Jan 2019 18:28

Instrument :
BNA_F
ClientSampleId :
W12-4

Tot Ion:152 Resp: 140761
Ion Ratio Lower Upper
152 100
150 155.4 122.7 184.1
115 55.2 45.2 67.8



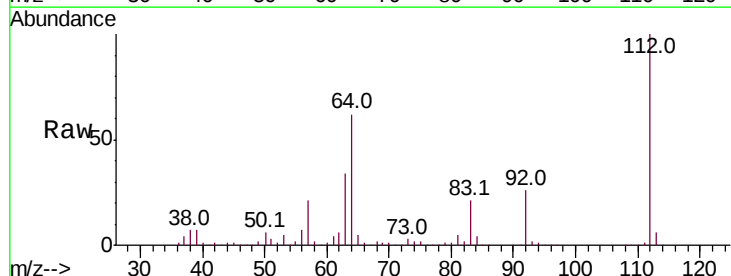
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



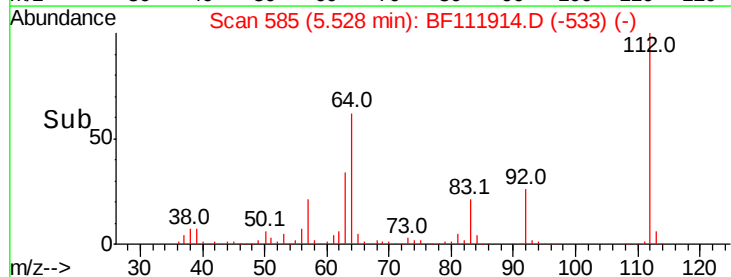
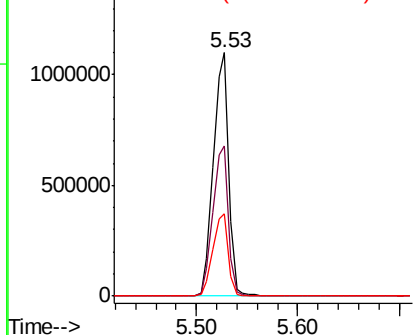
#5

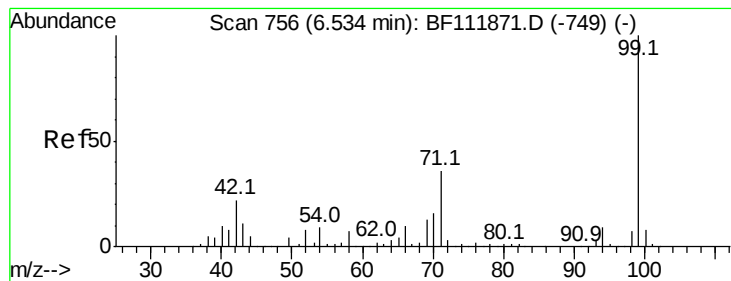
2-Fluorophenol
Concen: 140.410 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF111914.D
Acq: 8 Jan 2019 18:28

Tgt Ion:112 Resp: 1155257
Ion Ratio Lower Upper
112 100
64 61.9 48.3 72.5
63 34.1 26.1 39.1



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: 134.136 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF111914.D

Acq: 8 Jan 2019 18:28

Instrument :

BNA_F

ClientSampleId :

W12-4

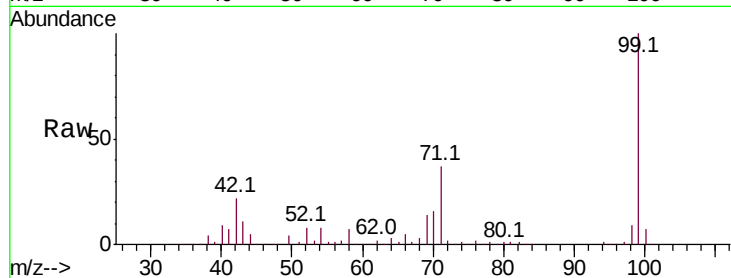
Tot Ion: 99 Resp: 1422455

Ion Ratio Lower Upper

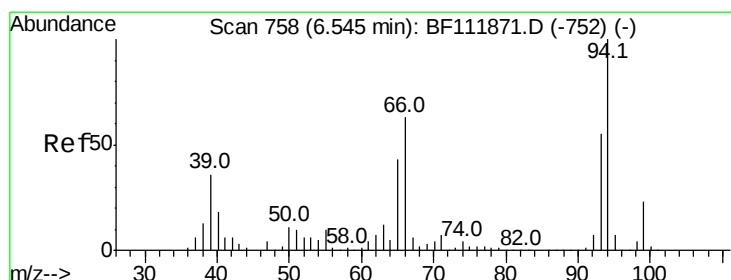
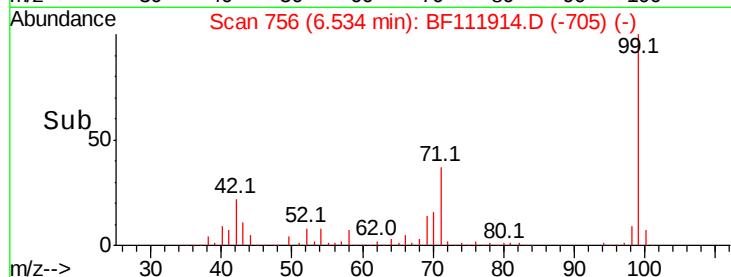
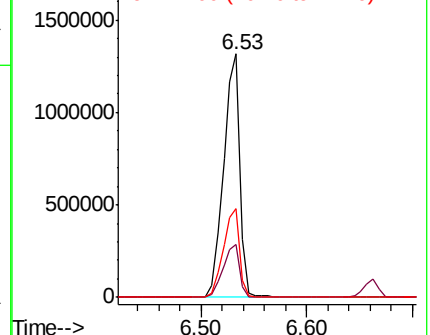
99 100

42 21.9 17.9 26.9

71 36.7 28.7 43.1



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: 3.990 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF111914.D

Acq: 8 Jan 2019 18:28

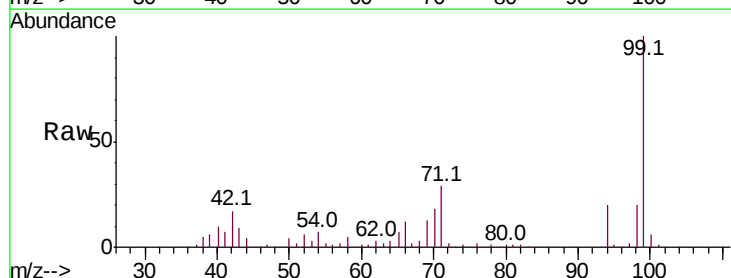
Tgt Ion: 94 Resp: 45991

Ion Ratio Lower Upper

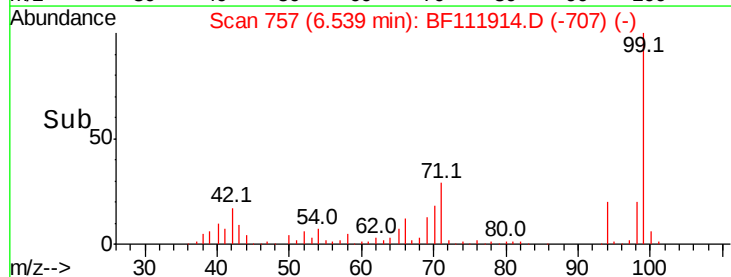
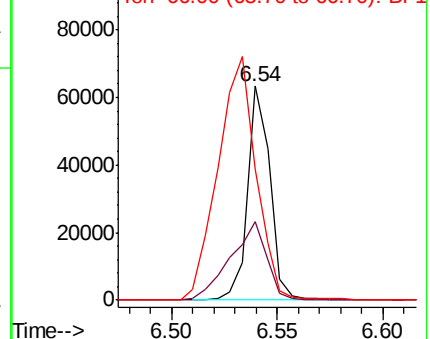
94 100

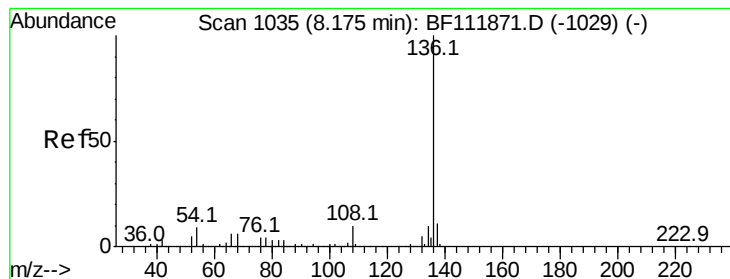
65 36.6 22.8 62.8

66 61.3 43.3 83.3



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: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF111914.D

Acq: 8 Jan 2019 18:28

Instrument :

BNA_F

ClientSampleId :

W12-4

Tot Ion:136 Resp: 451012

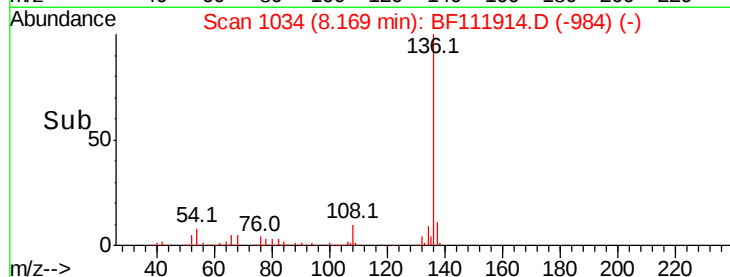
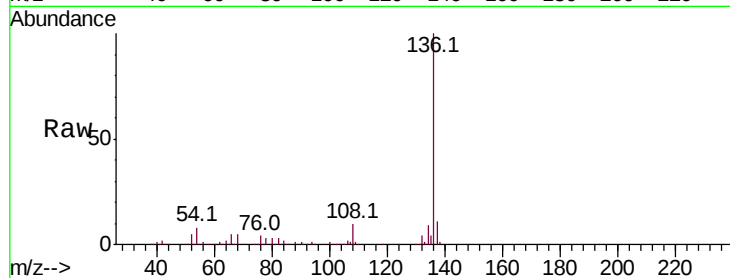
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 7.9 7.2 10.8

68 5.0 4.4 6.6



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

8.17

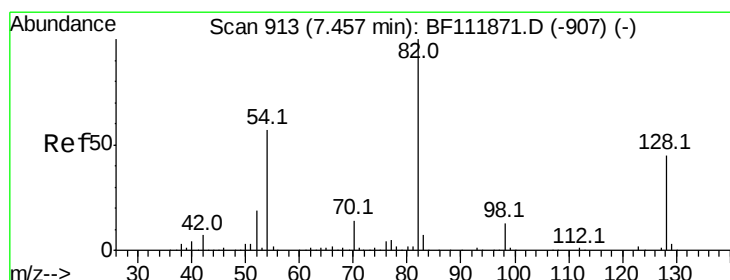
600000

400000

200000

0

Time-->



#23

Nitrobenzene-d5

Concen: 90.753 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF111914.D

Acq: 8 Jan 2019 18:28

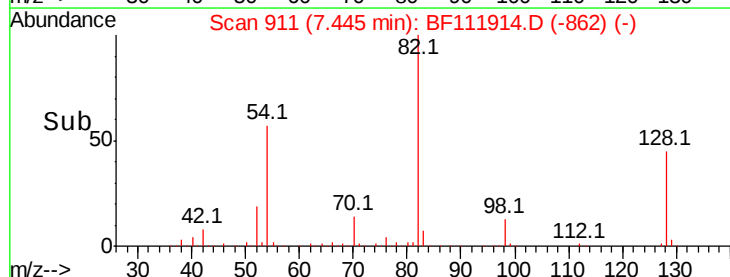
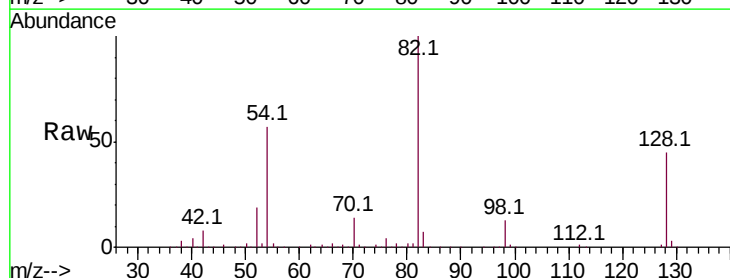
Tgt Ion: 82 Resp: 765841

Ion Ratio Lower Upper

82 100

128 44.7 35.7 53.5

54 57.0 45.8 68.8



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

7.45

1000000

800000

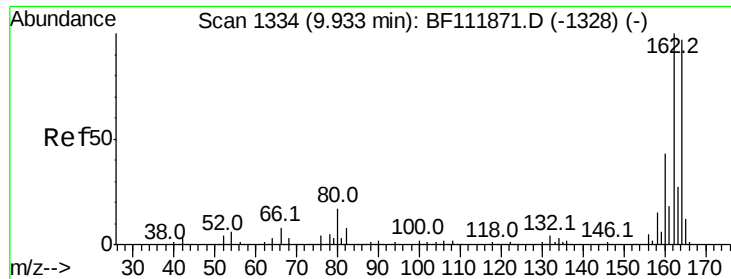
600000

400000

200000

0

Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF111914.D

Acq: 8 Jan 2019 18:28

Instrument :

BNA_F

ClientSampleId :

W12-4

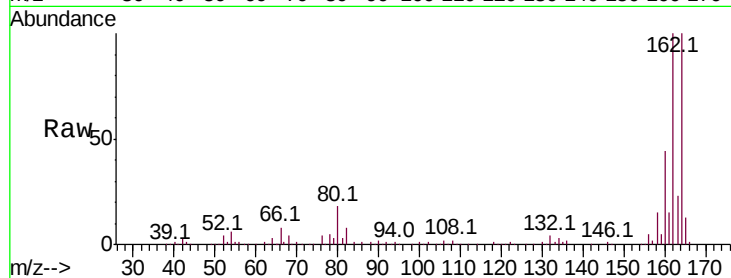
Tot Ion:164 Resp: 195840

Ion Ratio Lower Upper

164 100

162 100.5 82.2 123.2

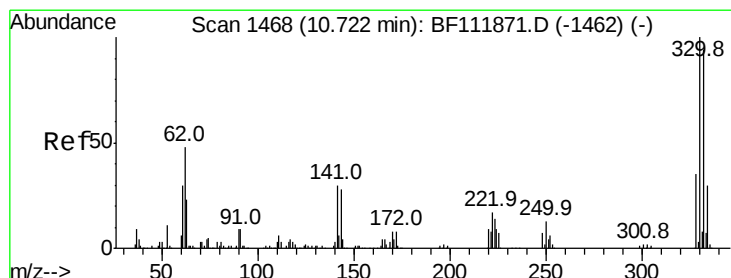
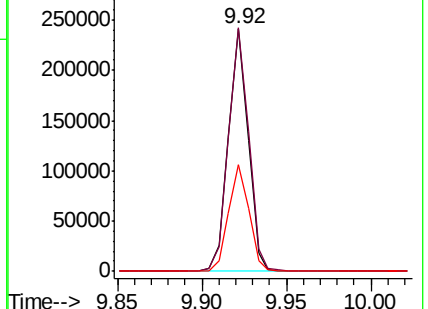
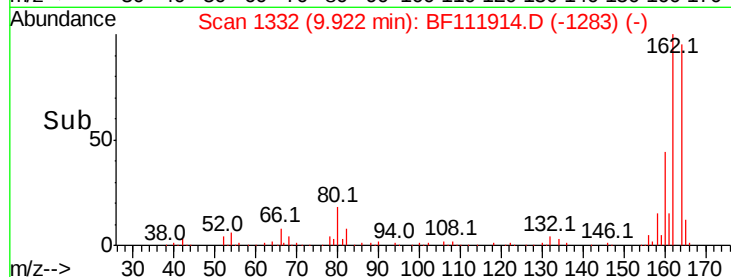
160 43.8 35.5 53.3



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



#42

2,4,6-Tribromophenol

Concen: 121.513 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF111914.D

Acq: 8 Jan 2019 18:28

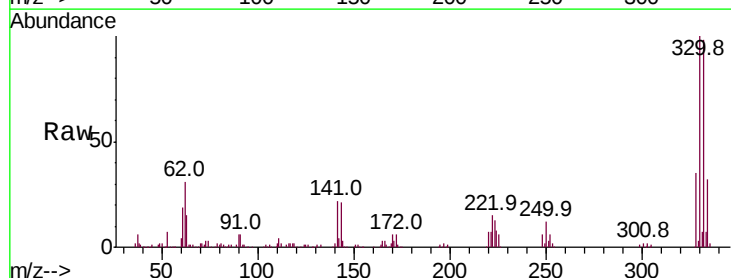
Tgt Ion:330 Resp: 309527

Ion Ratio Lower Upper

330 100

332 97.3 76.9 115.3

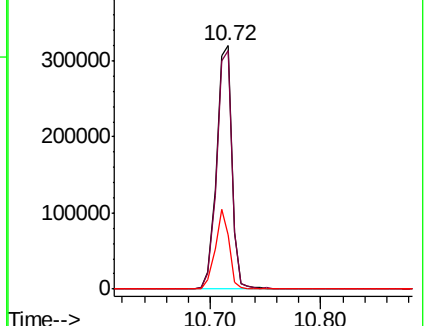
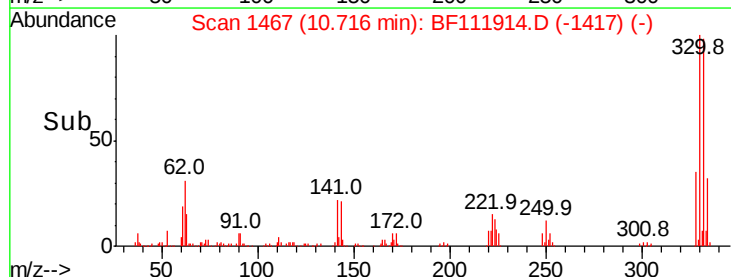
141 29.4 23.7 35.5

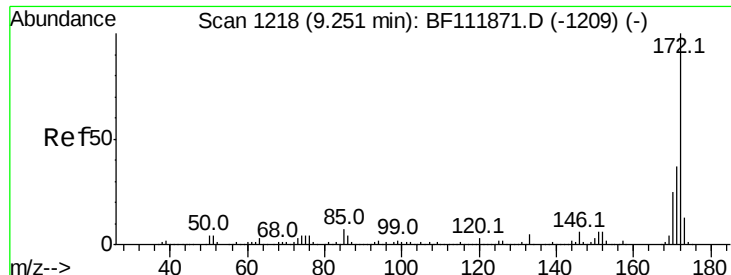


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

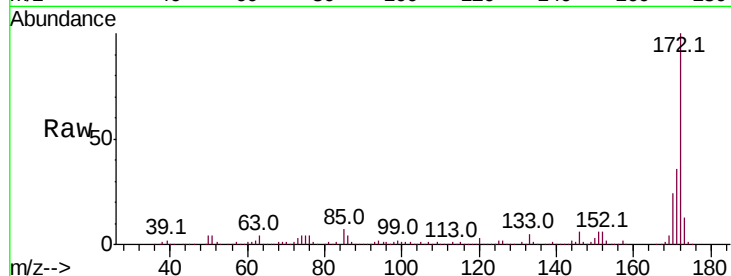




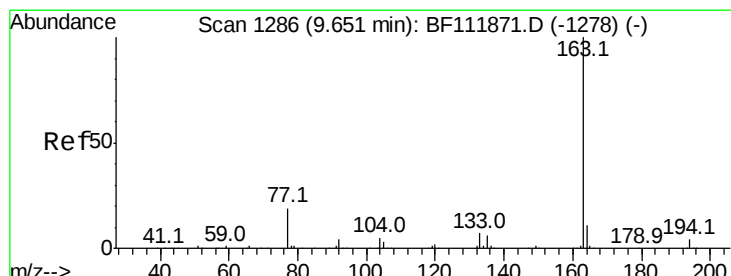
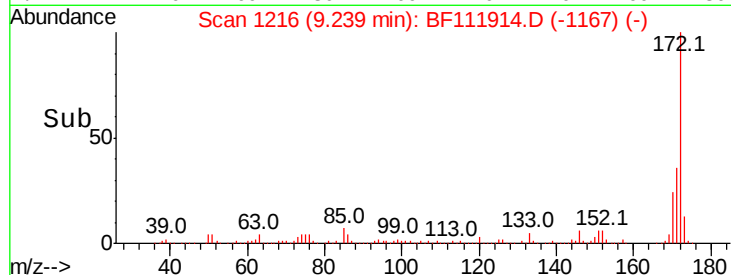
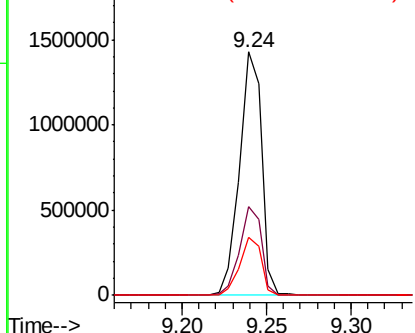
#45
2-Fluorobiphenyl
Concen: 97.426 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF111914.D
Acq: 8 Jan 2019 18:28

Instrument :
BNA_F
ClientSampleId :
W12-4

Tot Ion:172 Resp: 1308451
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 23.8 19.8 29.8

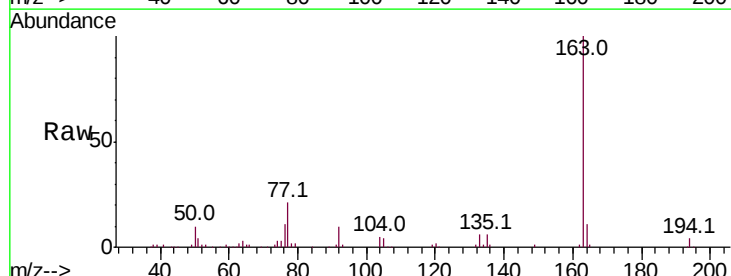


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

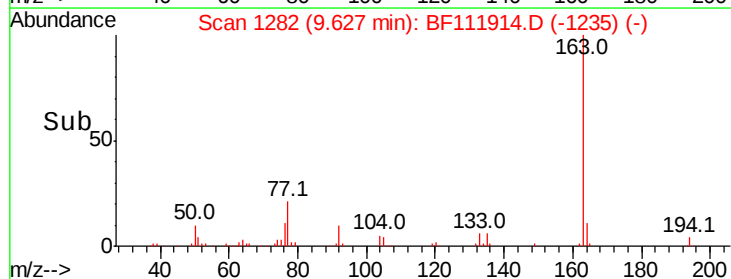
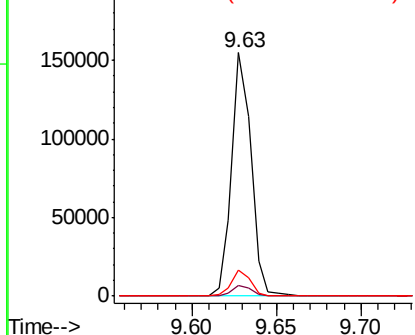


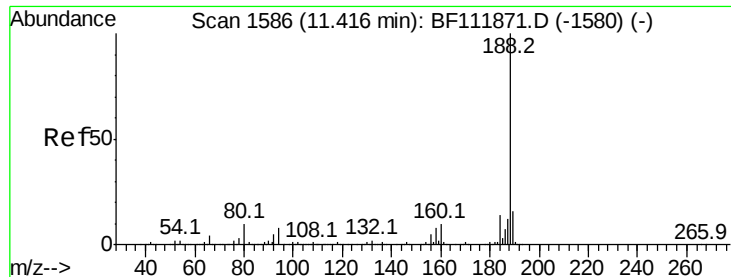
#50
Dimethylphthalate
Concen: 8.437 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF111914.D
Acq: 8 Jan 2019 18:28

Tgt Ion:163 Resp: 124123
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.6 8.5 12.7



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF111914.D

Acq: 8 Jan 2019 18:28

Instrument :

BNA_F

ClientSampleID :

W12-4

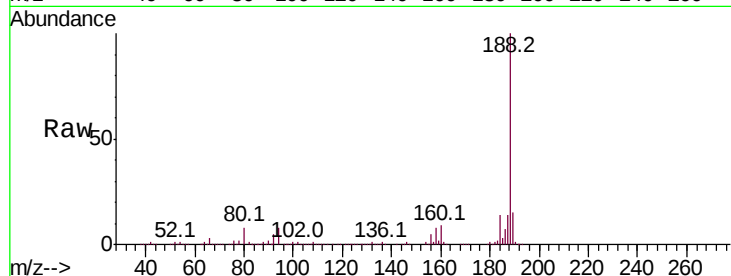
Tot Ion:188 Resp: 376482

Ion Ratio Lower Upper

188 100

94 7.5 6.6 10.0

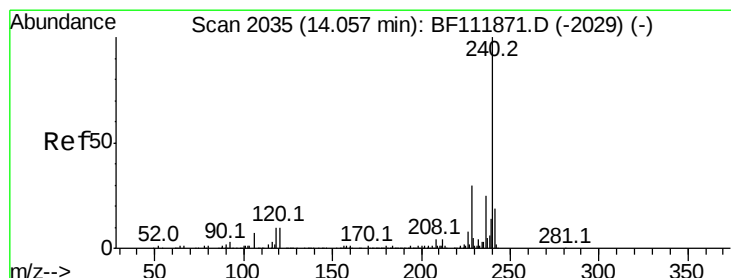
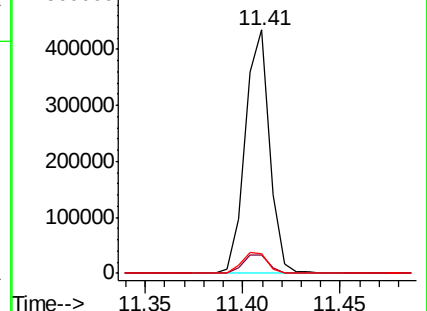
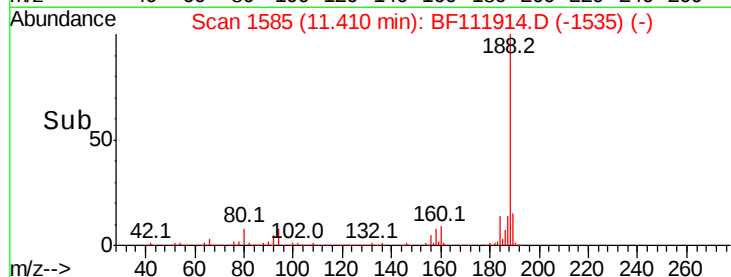
80 7.9 7.7 11.5



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF111914.D

Acq: 8 Jan 2019 18:28

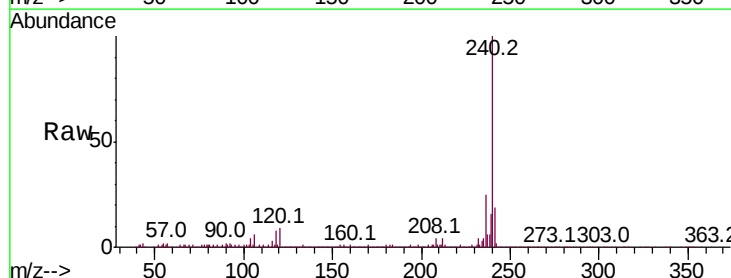
Tgt Ion:240 Resp: 329821

Ion Ratio Lower Upper

240 100

120 8.9 8.2 12.2

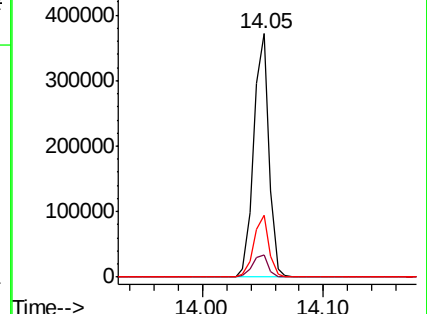
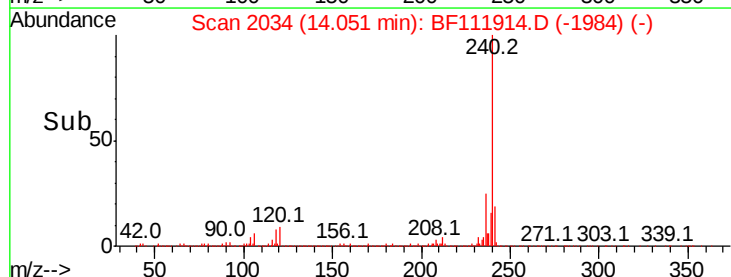
236 25.5 20.2 30.4

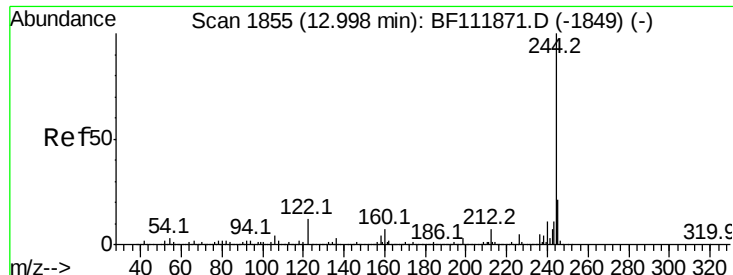


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 71.610 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF111914.D

Acq: 8 Jan 2019 18:28

Instrument :

BNA_F

ClientSampleId :

W12-4

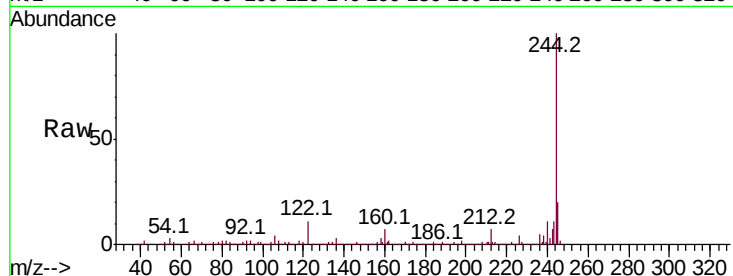
Tot Ion:244 Resp: 1244246

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

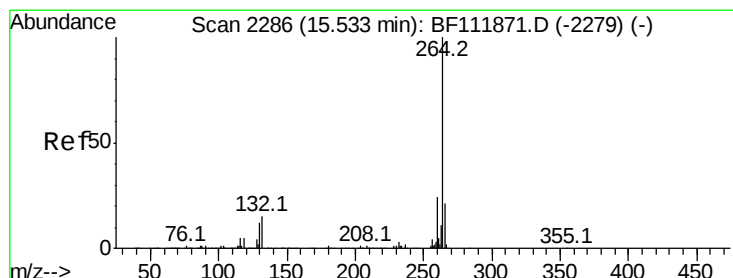
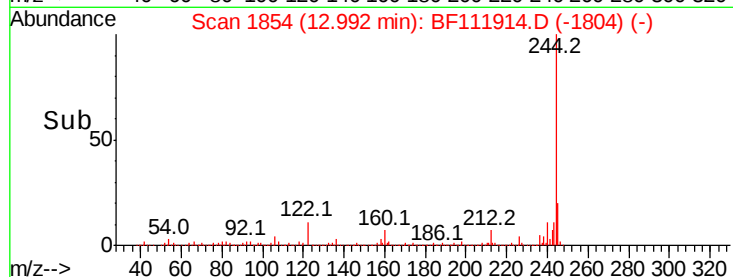
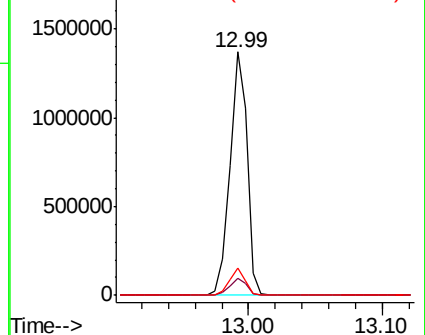
122 11.1 9.5 14.3



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2286

Delta R.T. -0.00 min

Lab File: BF111914.D

Acq: 8 Jan 2019 18:28

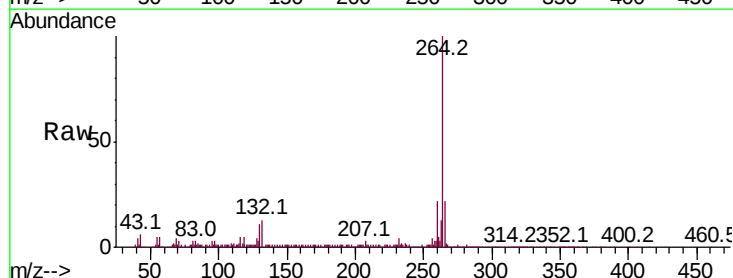
Tgt Ion:264 Resp: 229881

Ion Ratio Lower Upper

264 100

260 21.8 19.2 28.8

265 21.6 17.1 25.7



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

