

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
 Data File : BF112450.D
 Acq On : 7 Feb 2019 20:43
 Operator : JU/SJ
 Sample : K1390-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04(0-2)

Quant Time: Feb 09 03:52:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

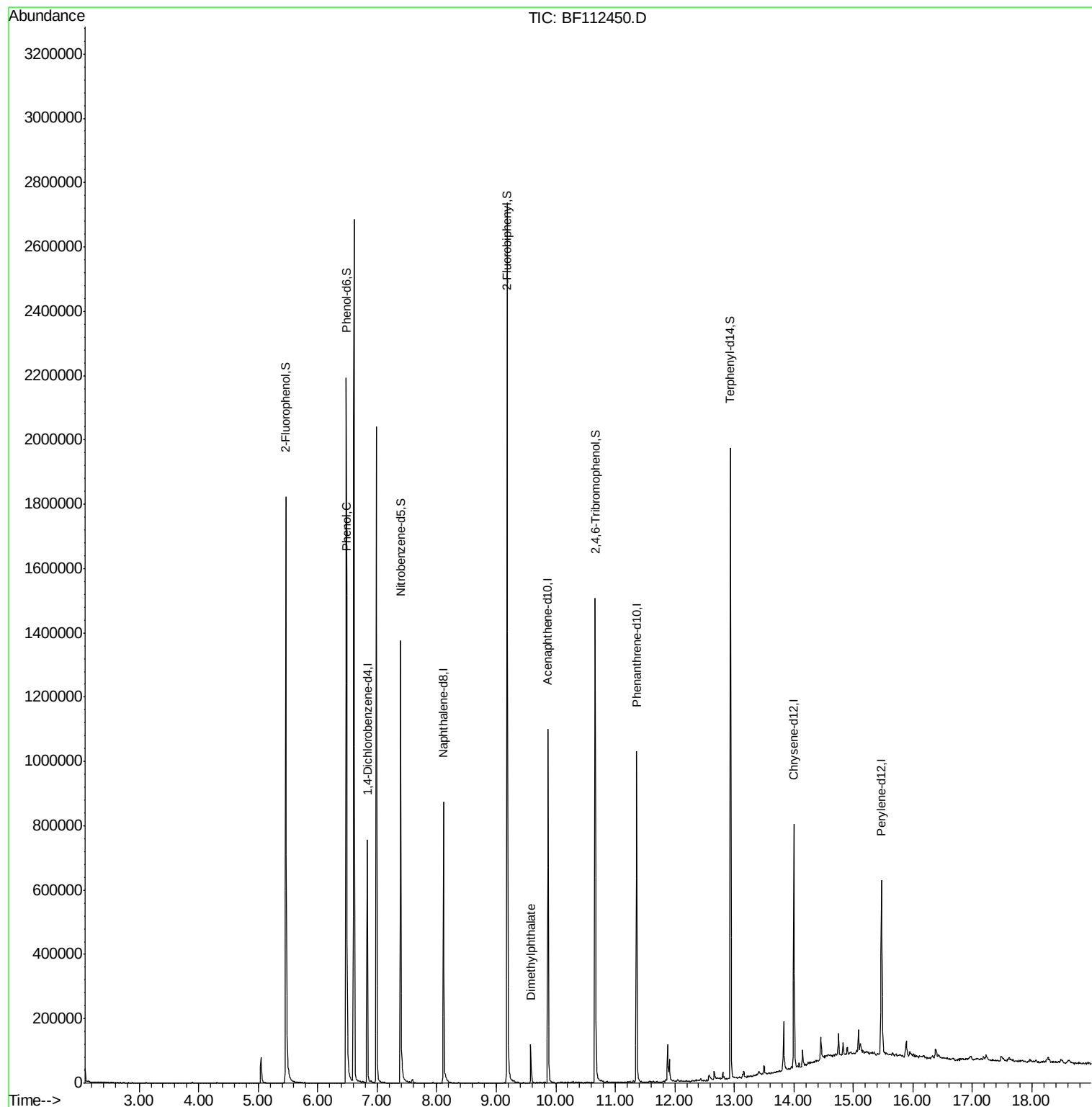
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	124460	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	470373	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	220537	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	383900	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	283245	20.00	ng	0.00
87) Perylene-d12	15.47	264	265790	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	616433	105.20	ng	-0.01
7) Phenol-d6	6.48	99	777623	95.51	ng	-0.01
23) Nitrobenzene-d5	7.39	82	479156	58.70	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	207685	80.91	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	844619	54.17	ng	-0.02
79) Terphenyl-d14	12.93	244	674338	44.84	ng	-0.02
Target Compounds						
10) Phenol	6.49	94	22213	2.487	ng	93
50) Dimethylphthalate	9.58	163	58696	3.426	ng	99

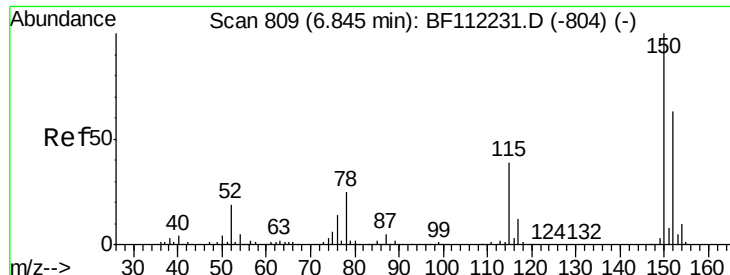
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF112450.D

Acq: 7 Feb 2019 20:43

Instrument :

BNA_F

ClientSampleId :

SB-04(0-2)

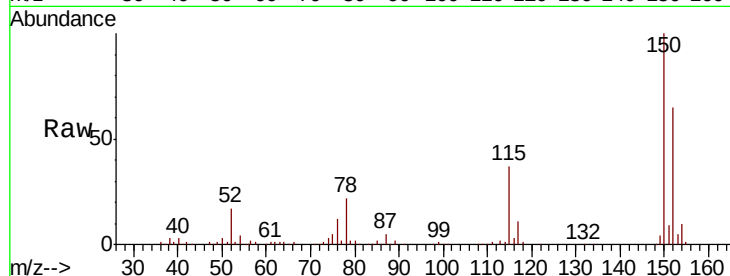
Tot Ion:152 Resp: 124460

Ion Ratio Lower Upper

152 100

150 153.4 127.4 191.0

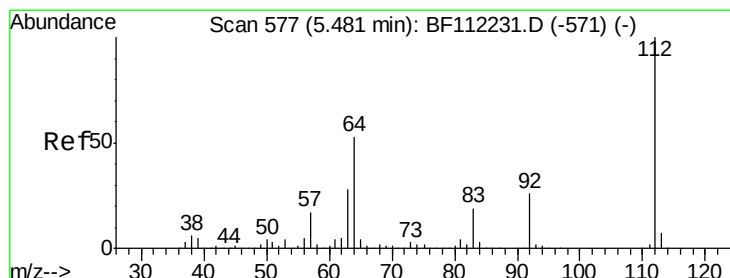
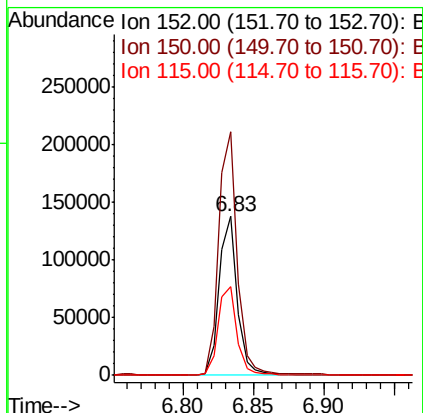
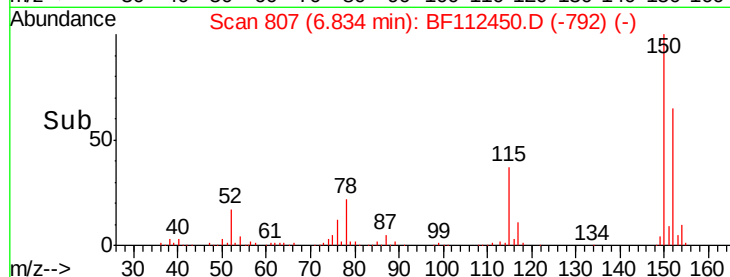
115 56.1 45.5 68.3



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: 105.202 ng

RT: 5.47 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF112450.D

Acq: 7 Feb 2019 20:43

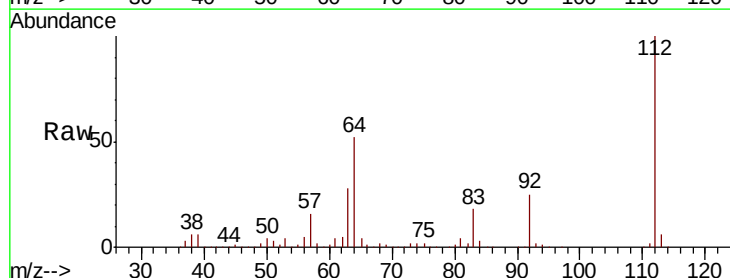
Tgt Ion:112 Resp: 616433

Ion Ratio Lower Upper

112 100

64 52.1 45.7 68.5

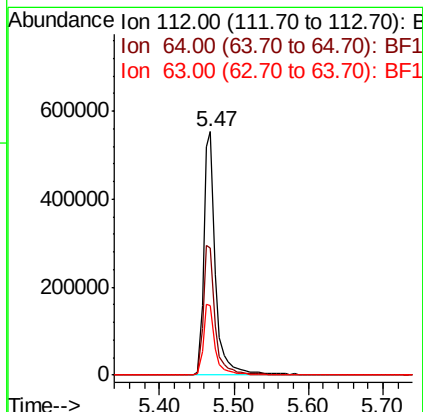
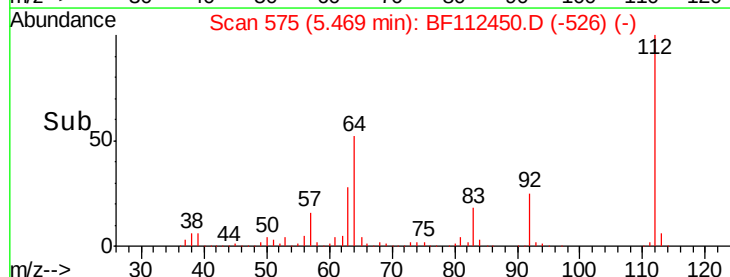
63 28.4 23.6 35.4

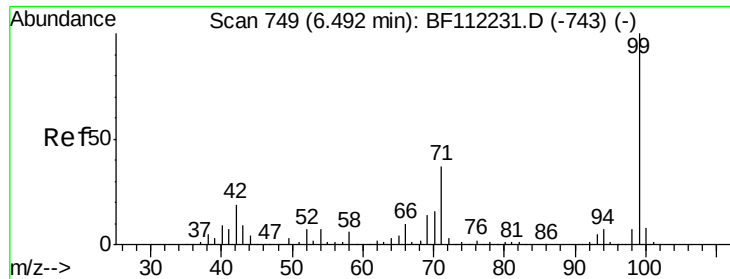


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 95.506 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112450.D

Acq: 7 Feb 2019 20:43

Instrument :

BNA_F

ClientSampleId :

SB-04(0-2)

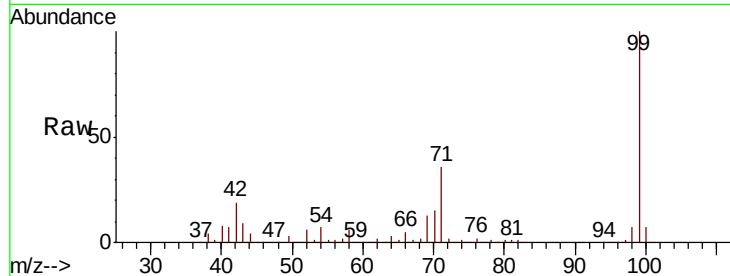
Tot Ion: 99 Resp: 777623

Ion Ratio Lower Upper

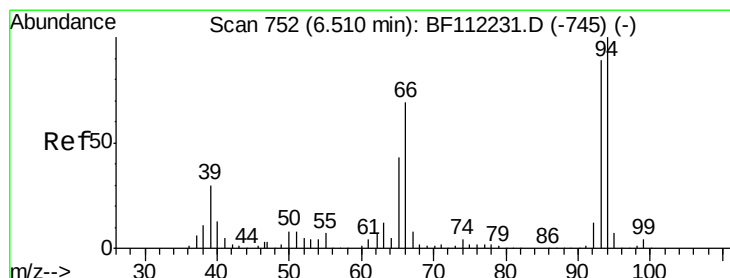
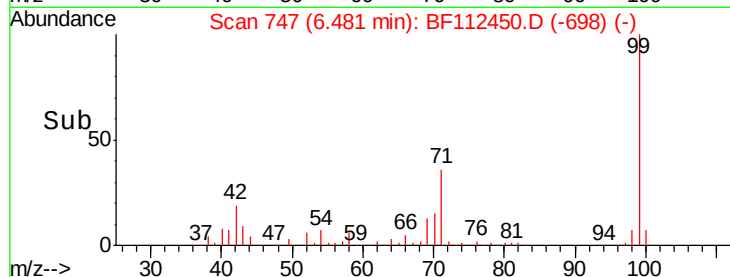
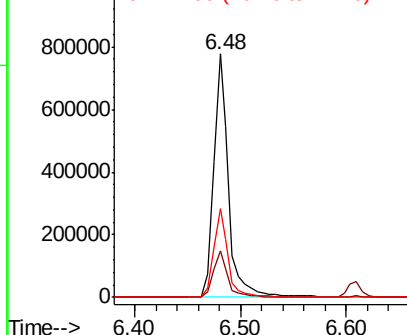
99 100

42 19.2 15.1 22.7

71 36.3 26.9 40.3



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: 2.487 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF112450.D

Acq: 7 Feb 2019 20:43

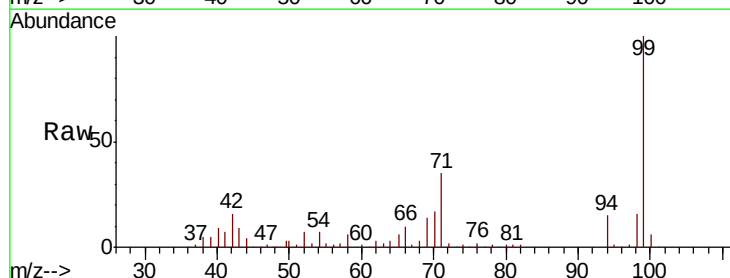
Tgt Ion: 94 Resp: 22213

Ion Ratio Lower Upper

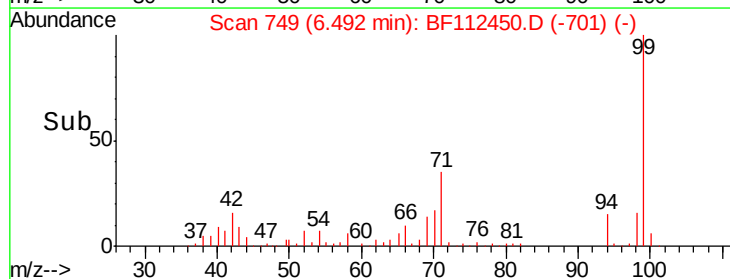
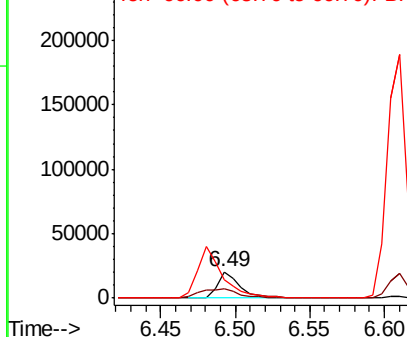
94 100

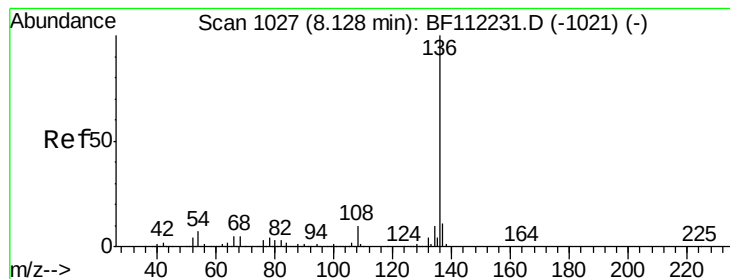
65 36.6 20.3 60.3

66 67.9 42.4 82.4



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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112450.D

Acq: 7 Feb 2019 20:43

Instrument :

BNA_F

ClientSampleId :

SB-04(0-2)

Tot Ion:136 Resp: 470373

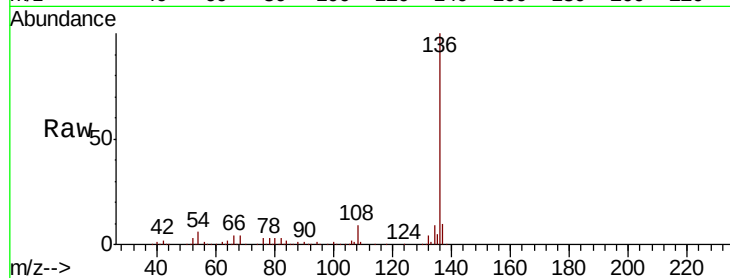
Ion Ratio Lower Upper

136 100

137 10.3 9.1 13.7

54 5.7 5.9 8.9#

68 4.5 5.1 7.7#

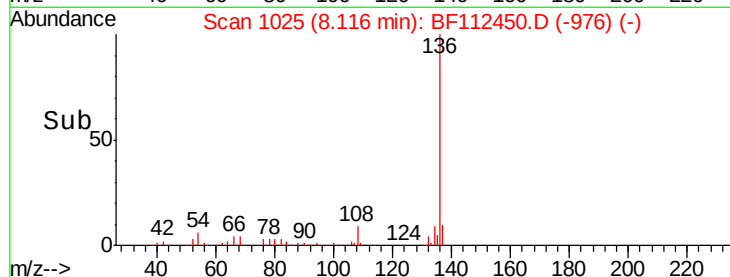


Abundance Ion 136.00 (135.70 to 136.70): E

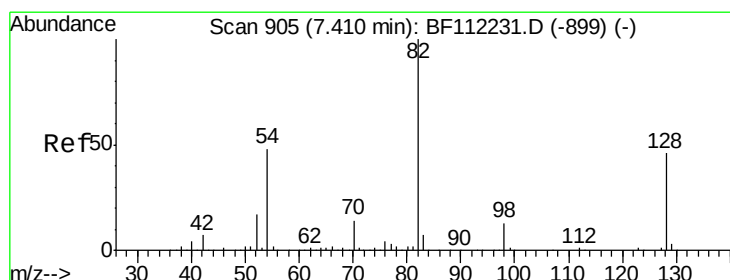
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time--> 8.00 8.10 8.20 8.30



#23

Nitrobenzene-d5

Concen: 58.696 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF112450.D

Acq: 7 Feb 2019 20:43

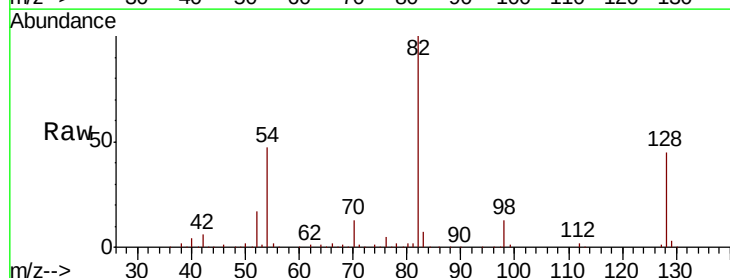
Tgt Ion: 82 Resp: 479156

Ion Ratio Lower Upper

82 100

128 45.1 37.8 56.8

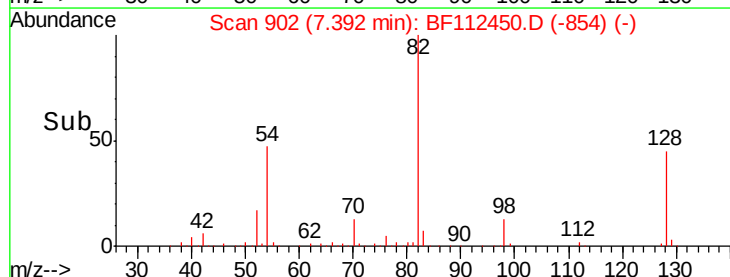
54 47.0 39.7 59.5



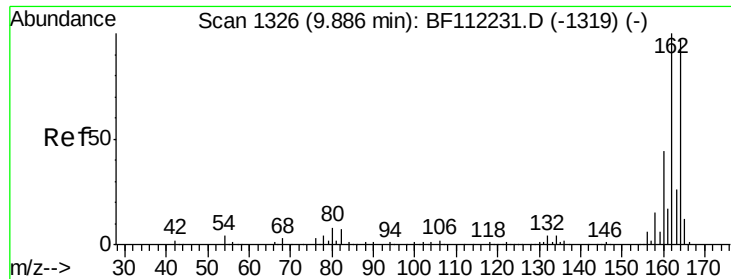
Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



Time--> 7.30 7.40 7.50



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF112450.D

Acq: 7 Feb 2019 20:43

Instrument :

BNA_F

ClientSampleId :

SB-04(0-2)

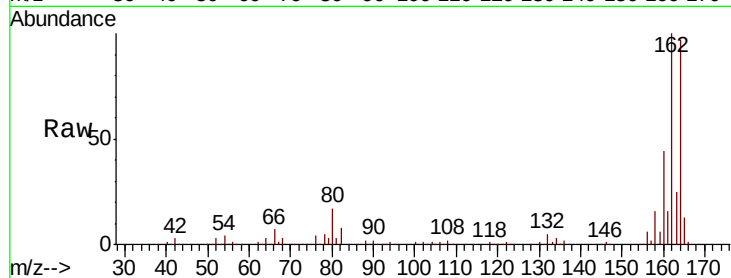
Tot Ion:164 Resp: 220537

Ion Ratio Lower Upper

164 100

162 103.0 82.2 123.4

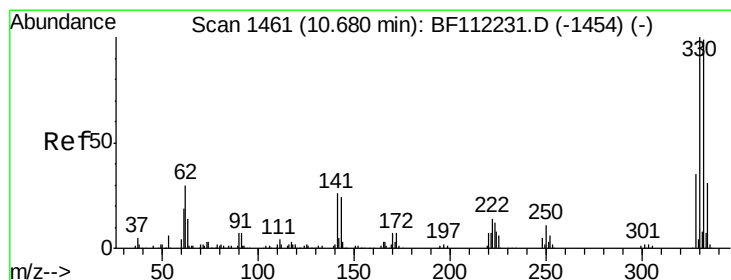
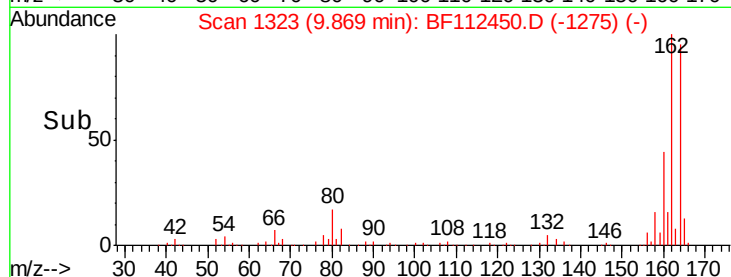
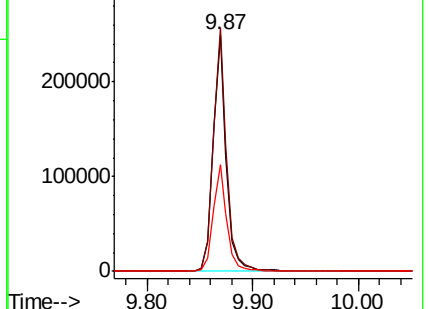
160 45.0 36.2 54.4



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: 80.906 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112450.D

Acq: 7 Feb 2019 20:43

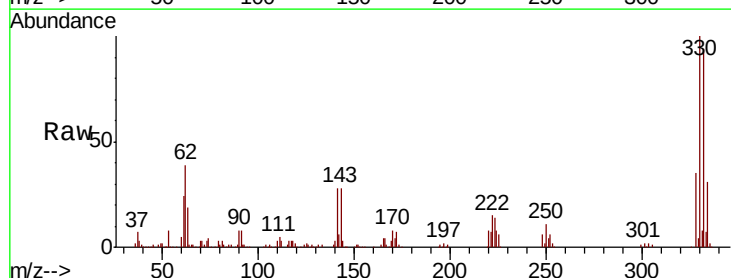
Tgt Ion:330 Resp: 207685

Ion Ratio Lower Upper

330 100

332 96.1 76.6 114.8

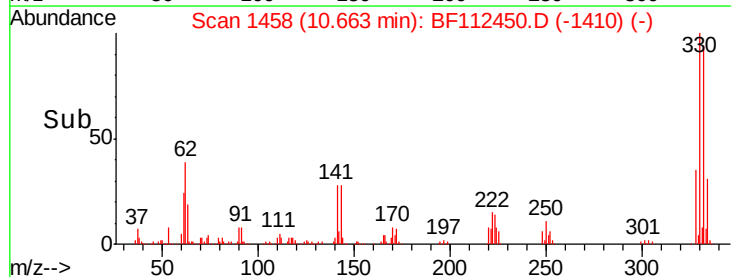
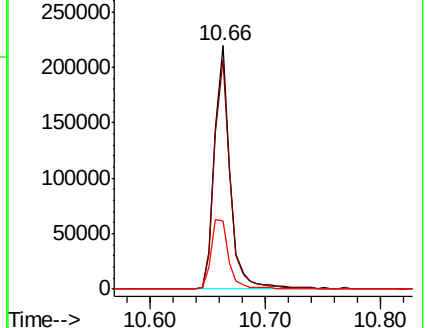
141 32.5 24.3 36.5

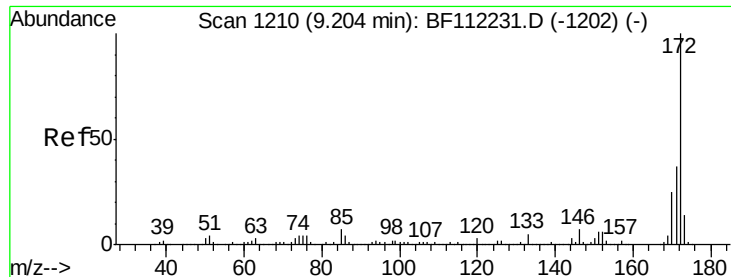


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

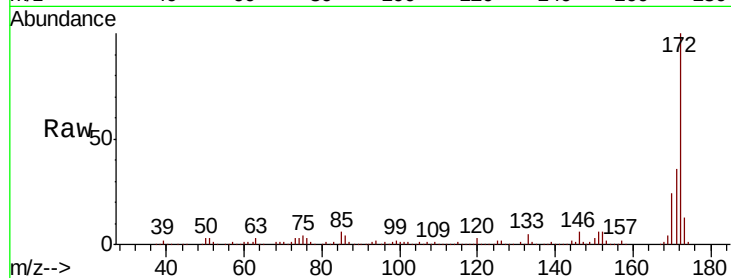




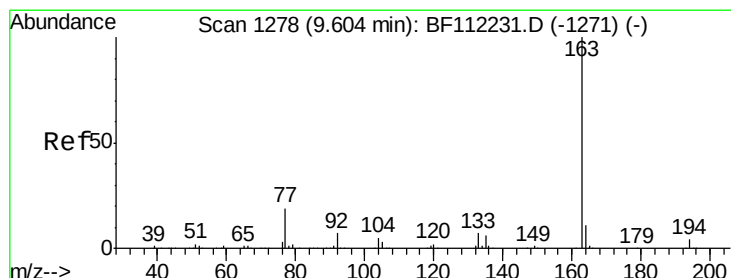
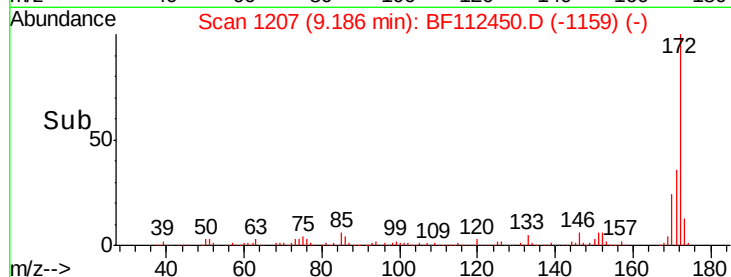
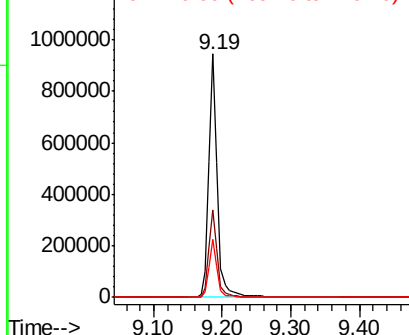
#45
2-Fluorobiphenyl
Concen: 54.167 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF112450.D
Acq: 7 Feb 2019 20:43

Instrument :
BNA_F
ClientSampleId :
SB-04(0-2)

Tot Ion:172 Resp: 844619
Ion Ratio Lower Upper
172 100
171 36.1 30.5 45.7
170 23.8 20.2 30.4

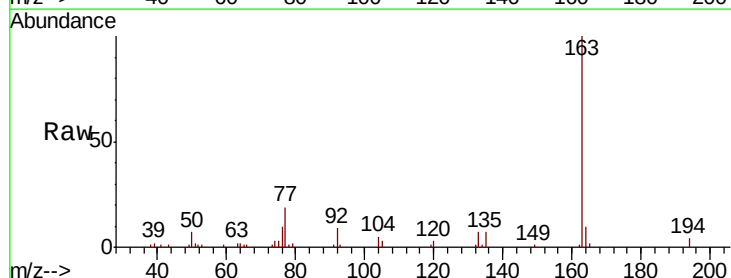


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

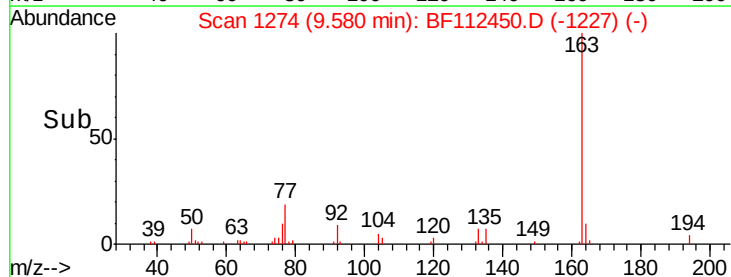
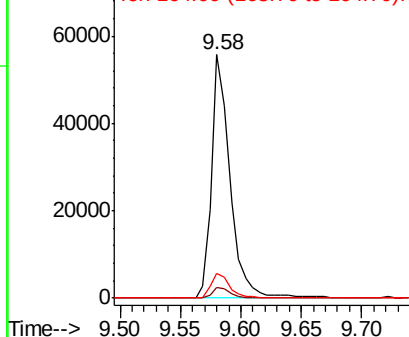


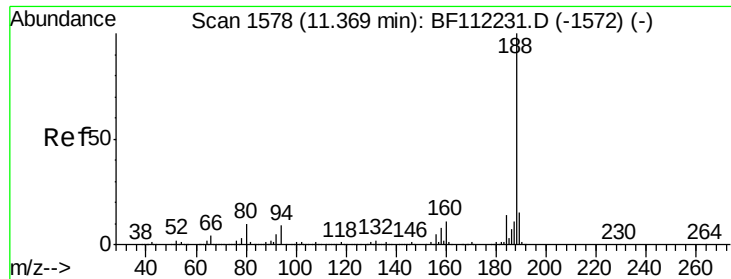
#50
Dimethylphthalate
Concen: 3.426 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112450.D
Acq: 7 Feb 2019 20:43

Tgt Ion:163 Resp: 58696
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.0 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

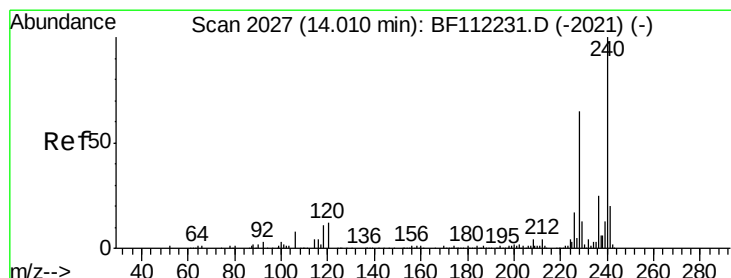
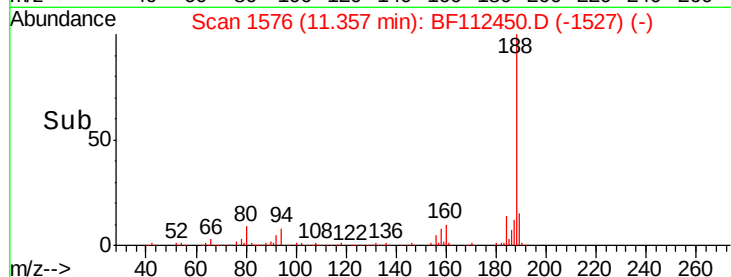
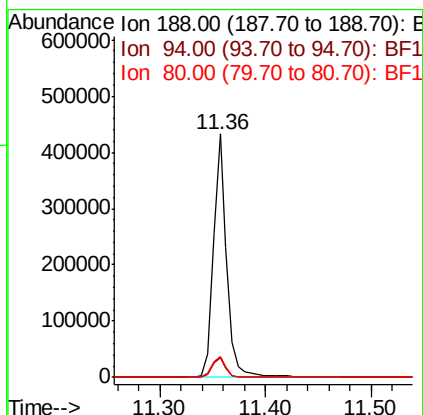
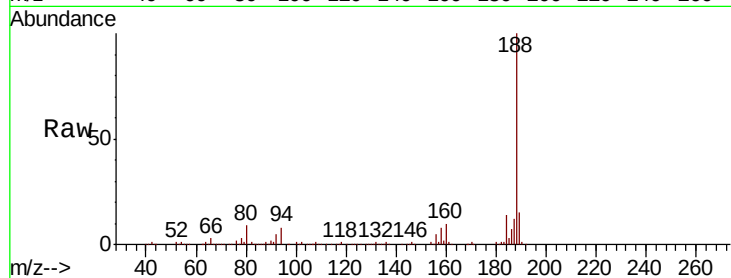




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112450.D
Acq: 7 Feb 2019 20:43

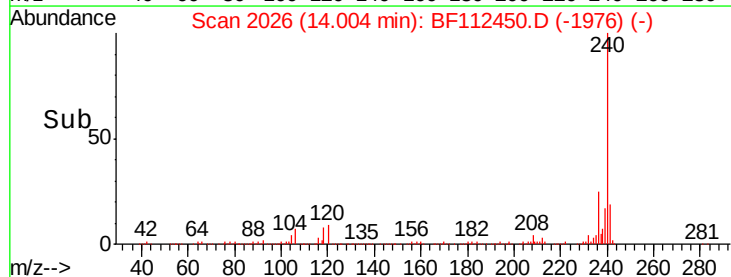
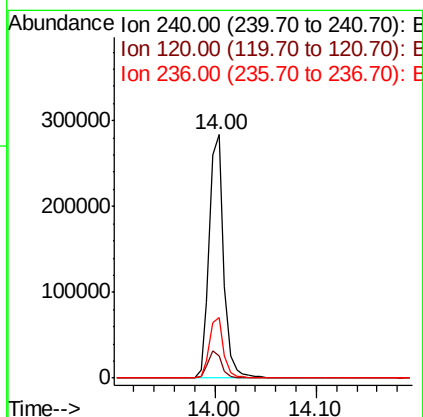
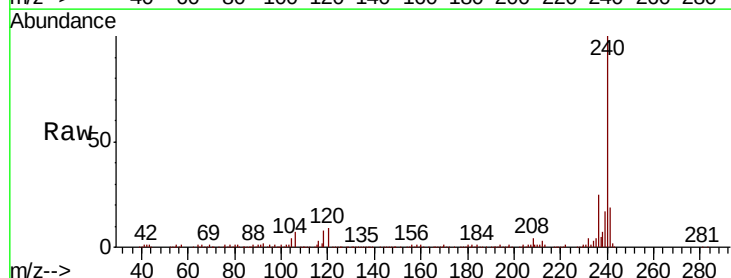
Instrument :
BNA_F
ClientSampleId :
SB-04(0-2)

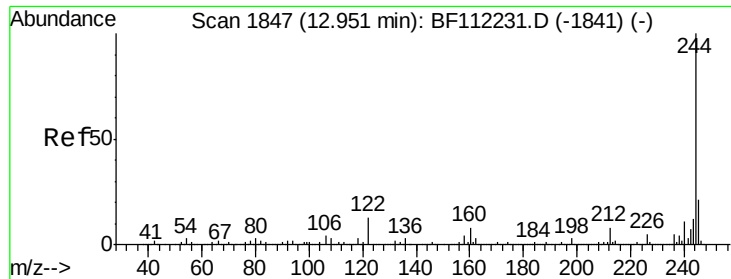
Tot Ion:188 Resp: 383900
Ion Ratio Lower Upper
188 100
94 8.3 8.2 12.2
80 8.8 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112450.D
Acq: 7 Feb 2019 20:43

Tgt Ion:240 Resp: 283245
Ion Ratio Lower Upper
240 100
120 8.9 9.0 13.6#
236 24.7 20.7 31.1





#79

Terphenyl-d14

Concen: 44.840 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.02 min

Lab File: BF112450.D

Acq: 7 Feb 2019 20:43

Instrument :

BNA_F

ClientSampleId :

SB-04(0-2)

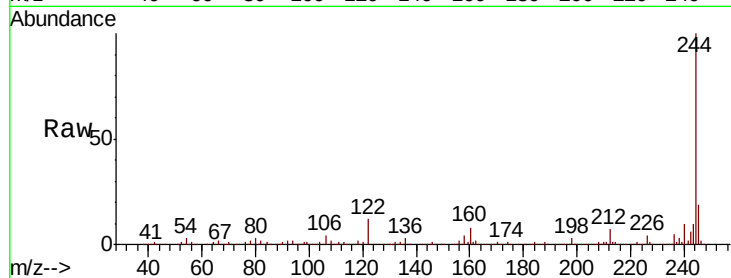
Tot Ion:244 Resp: 674338

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

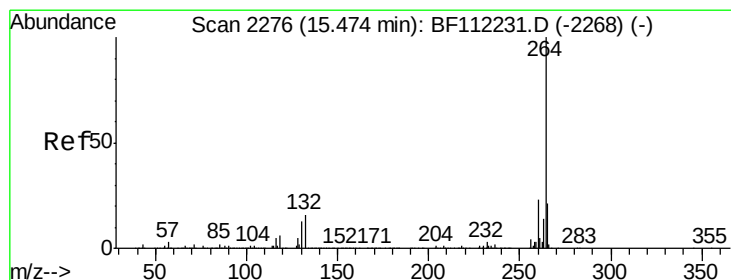
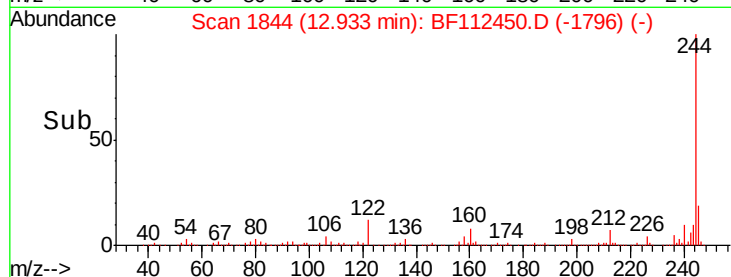
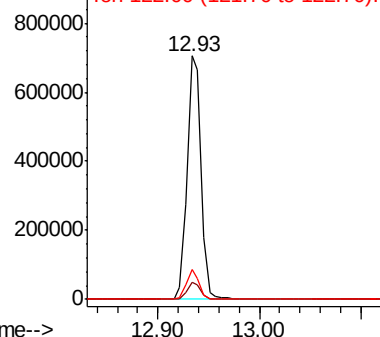
122 12.1 9.8 14.6



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: 15.47 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BF112450.D

Acq: 7 Feb 2019 20:43

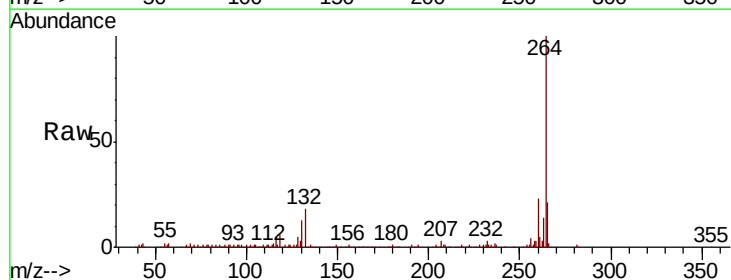
Tgt Ion:264 Resp: 265790

Ion Ratio Lower Upper

264 100

260 22.8 18.2 27.2

265 20.9 17.0 25.4



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

