

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101417\
 Data File : BF099494.D
 Acq On : 14 Oct 2017 23:23
 Operator : SJ/JU
 Sample : I5776-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-114-2(10-15)

Quant Time: Oct 15 00:51:04 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 14 23:44:03 2017
 Response via : Initial Calibration

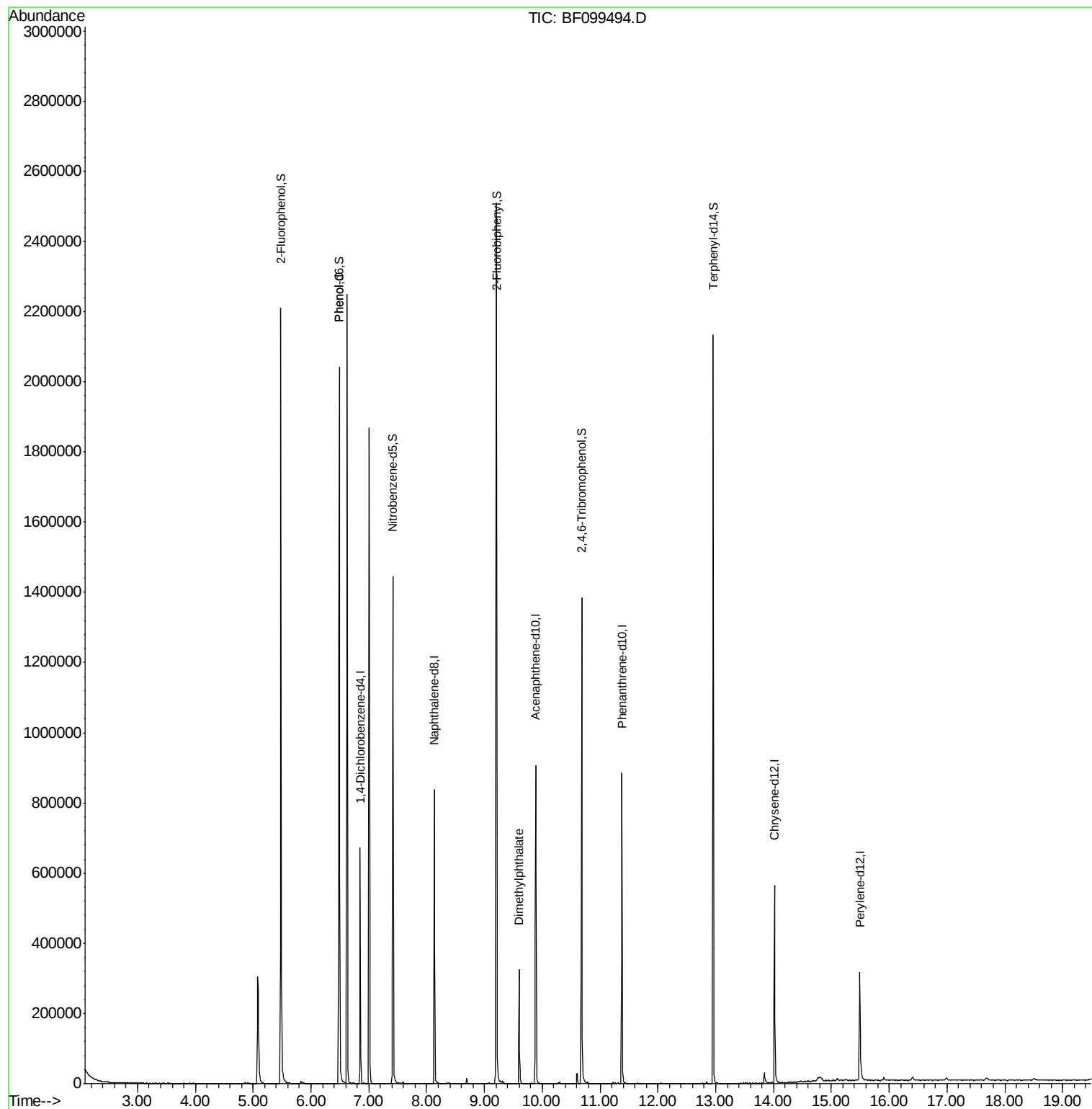
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	93611	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	383451	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	175705	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	308845	20.00	ng	0.00
75) Chrysene-d12	14.02	240	202235	20.00	ng	-0.01
86) Perylene-d12	15.49	264	152856	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	680945	115.80	ng	0.00
7) Phenol-d6	6.49	99	821789	113.28	ng	0.00
23) Nitrobenzene-d5	7.42	82	504550	84.38	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	163818	113.94	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	890952	84.65	ng	0.00
78) Terphenyl-d14	12.96	244	739296	83.14	ng	0.00
Target Compounds						
10) Phenol	6.50	94	45183	5.57	ng	88
49) Dimethylphthalate	9.60	163	153935	11.61	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF099494.D

Acq: 14 Oct 2017 23:23

Instrument :

BNA_F

ClientSampleId :

ENV-114-2(10-15)

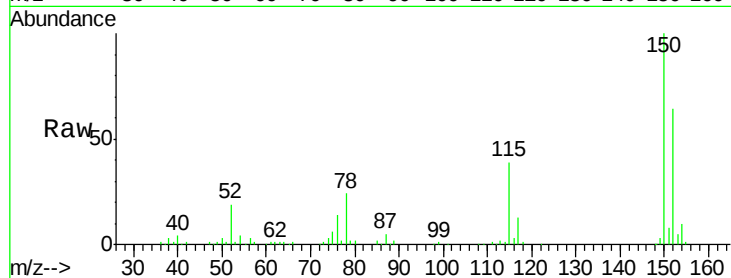
Tgt Ion:152 Resp: 93611

Ion Ratio Lower Upper

152 100

150 156.2 124.6 186.8

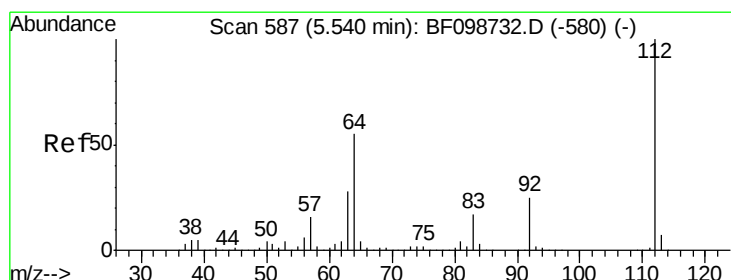
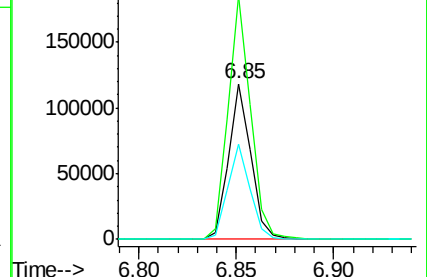
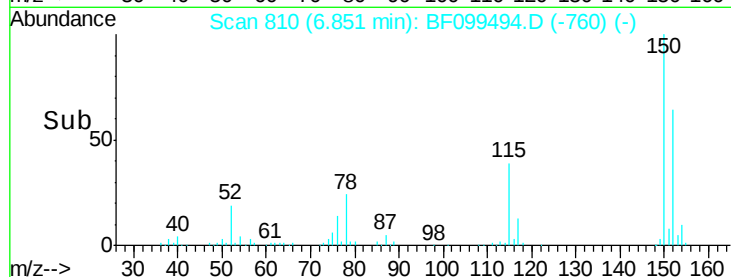
115 61.0 50.1 75.1



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: 115.80 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.01 min

Lab File: BF099494.D

Acq: 14 Oct 2017 23:23

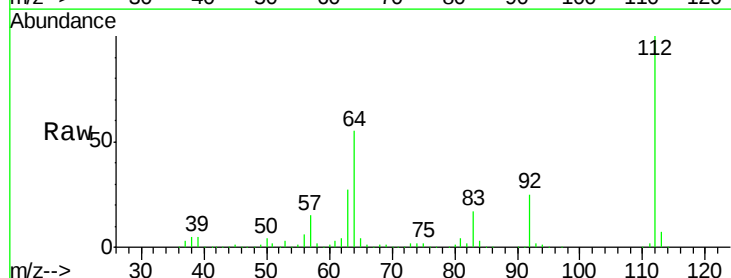
Tgt Ion:112 Resp: 680945

Ion Ratio Lower Upper

112 100

64 55.0 47.9 71.9

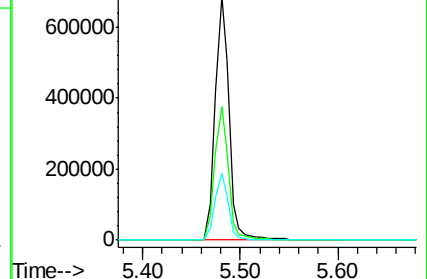
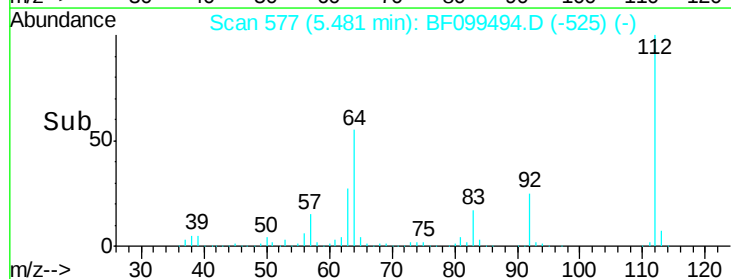
63 27.4 23.7 35.5

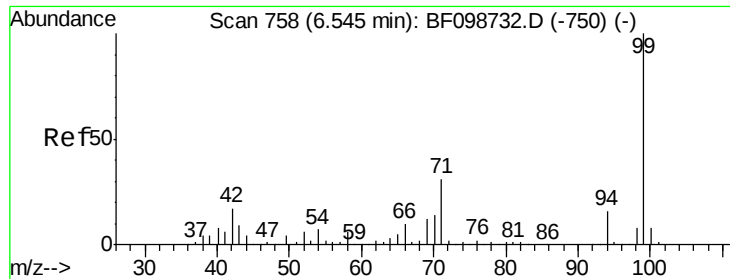


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 113.28 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF099494.D

Acq: 14 Oct 2017 23:23

Instrument :

BNA_F

ClientSampleId :

ENV-114-2(10-15)

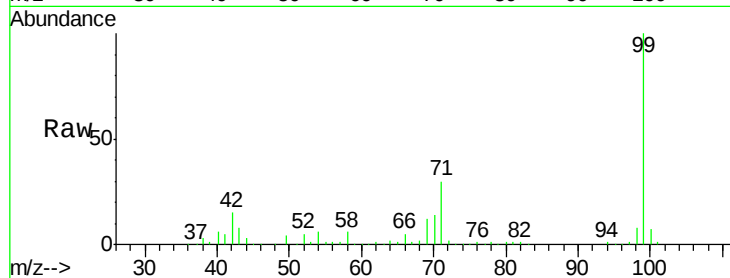
Tgt Ion: 99 Resp: 821789

Ion Ratio Lower Upper

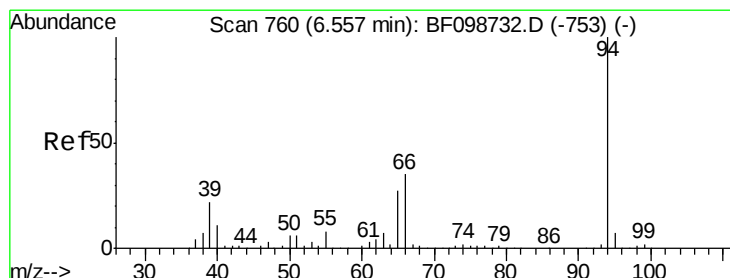
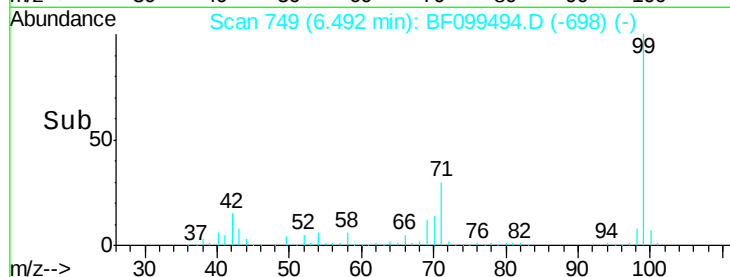
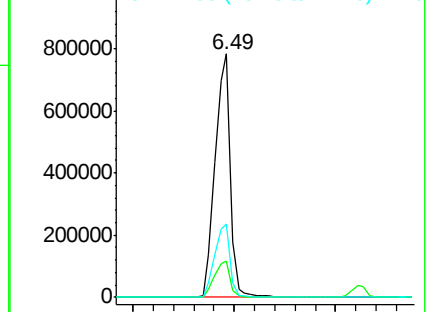
99 100

42 14.9 14.5 21.7

71 30.0 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 5.57 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF099494.D

Acq: 14 Oct 2017 23:23

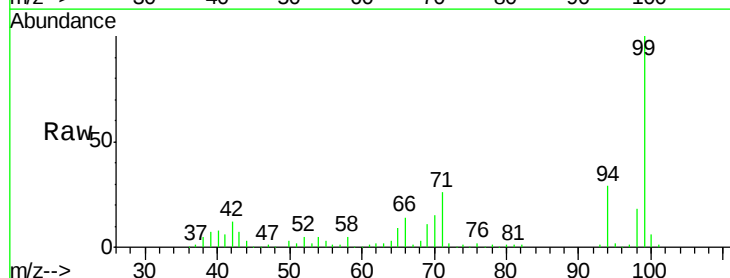
Tgt Ion: 94 Resp: 45183

Ion Ratio Lower Upper

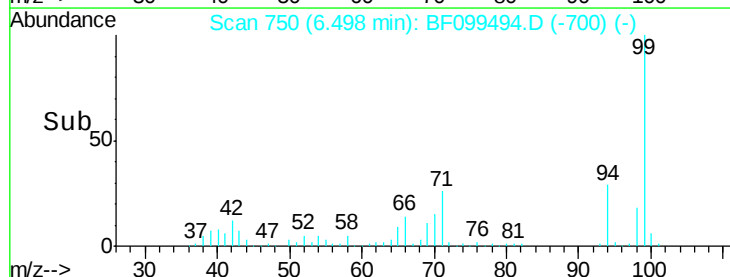
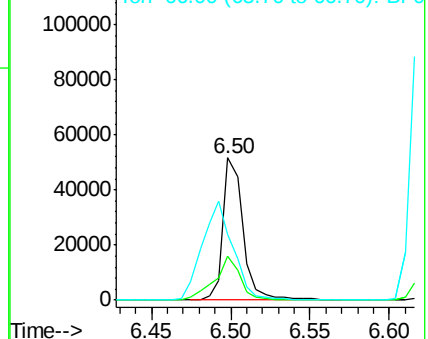
94 100

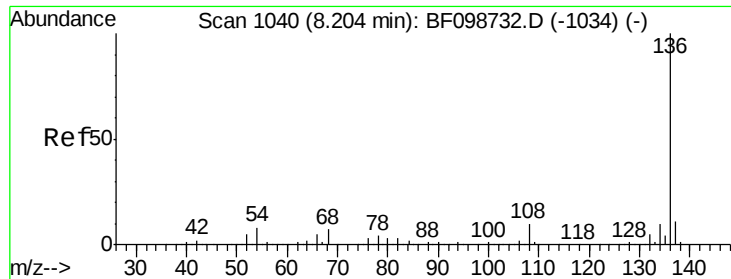
65 31.2 7.9 47.9

66 46.4 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

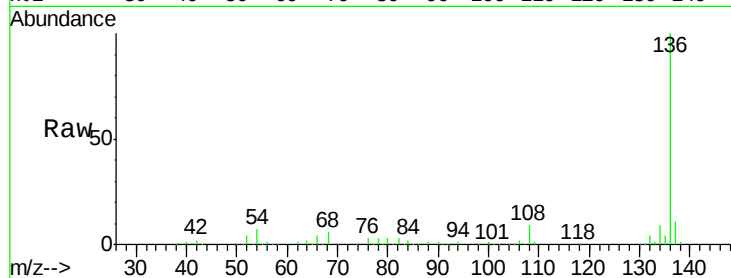




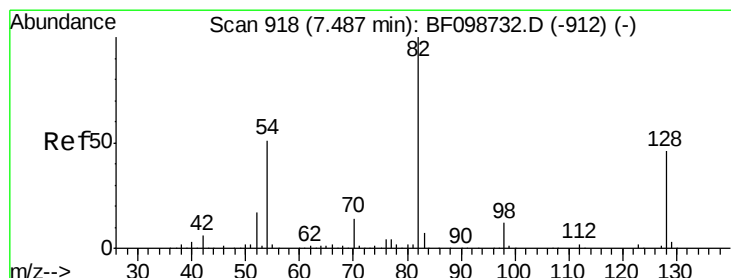
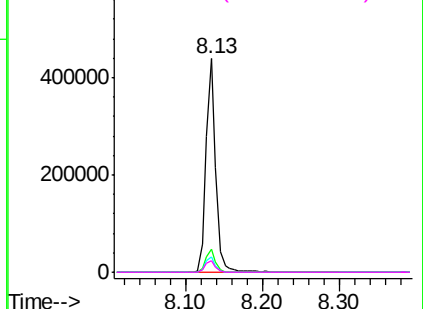
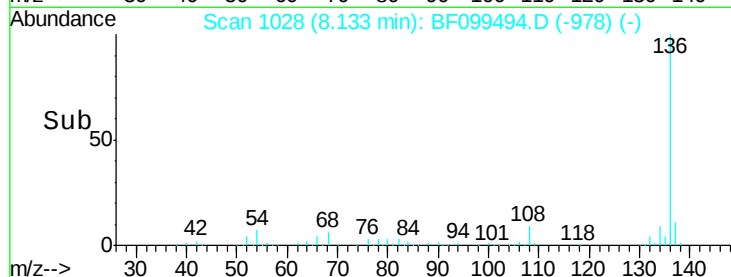
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF099494.D
Acq: 14 Oct 2017 23:23

Instrument :
BNA_F
ClientSampleId :
ENV-114-2(10-15)

Tgt Ion:	136	Resp:	383451
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.4	6.6	9.8
68	5.7	5.0	7.4

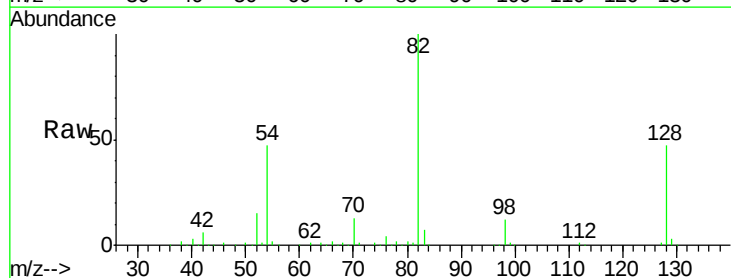


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

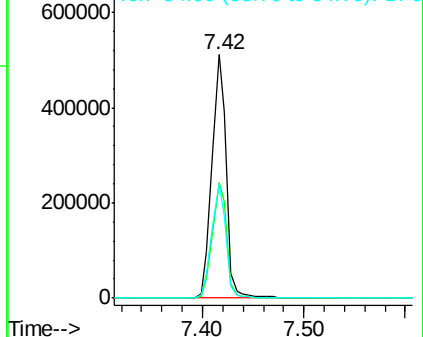
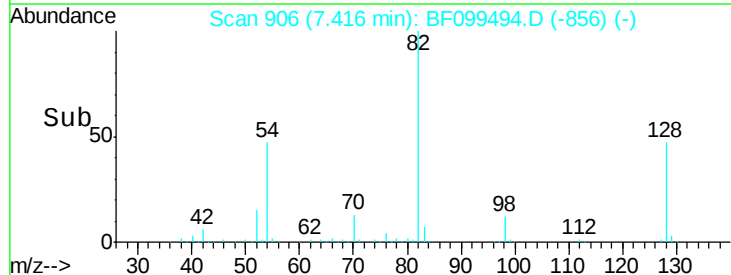


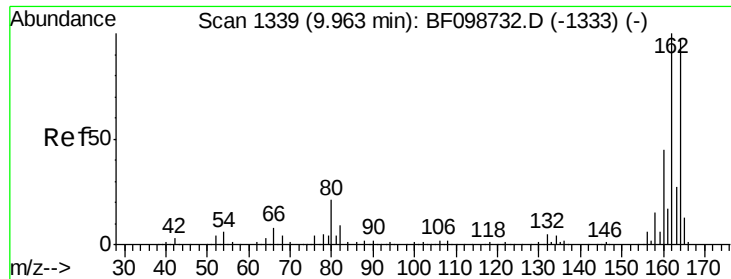
#23
Nitrobenzene-d5
Concen: 84.38 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF099494.D
Acq: 14 Oct 2017 23:23

Tgt Ion:	82	Resp:	504550
Ion	Ratio	Lower	Upper
82	100		
128	47.4	36.1	54.1
54	47.1	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF099494.D

Acq: 14 Oct 2017 23:23

Instrument :

BNA_F

ClientSampleId :

ENV-114-2(10-15)

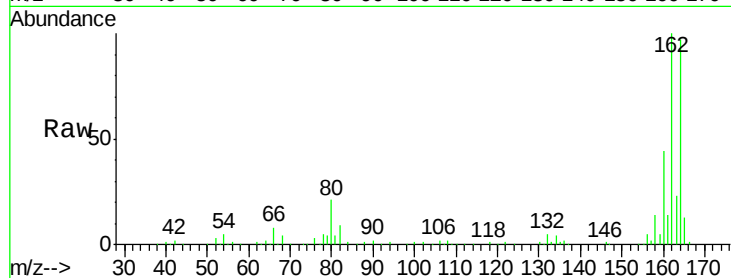
Tgt Ion:164 Resp: 175705

Ion Ratio Lower Upper

164 100

162 103.2 86.1 129.1

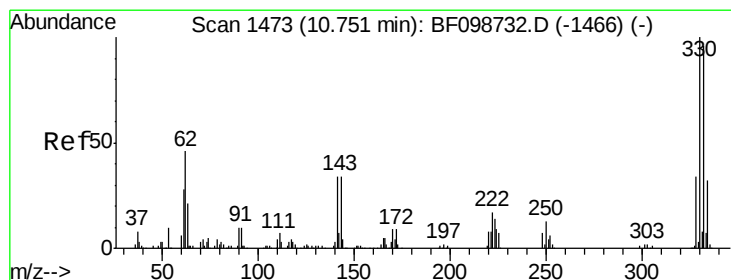
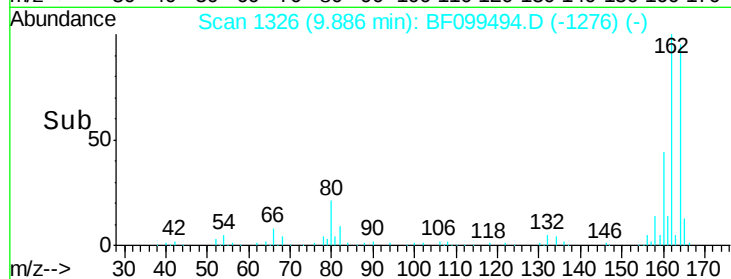
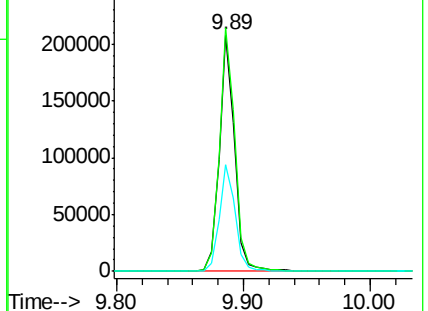
160 45.2 38.3 57.5



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: 113.94 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF099494.D

Acq: 14 Oct 2017 23:23

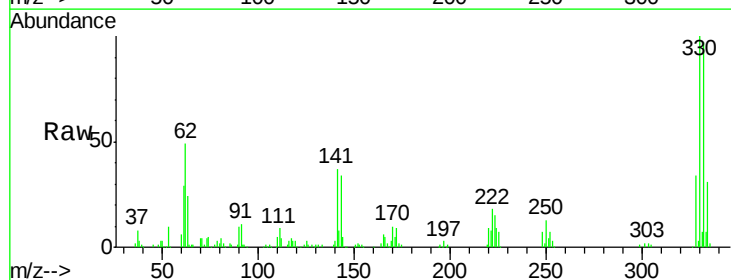
Tgt Ion:330 Resp: 163818

Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.6

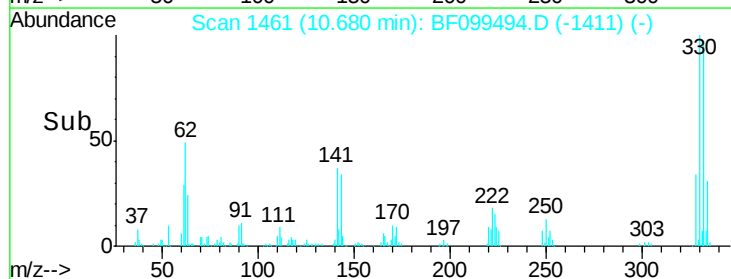
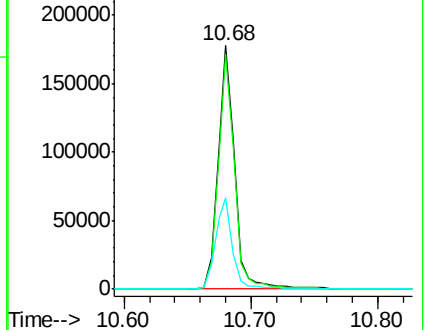
141 39.0 29.9 44.9

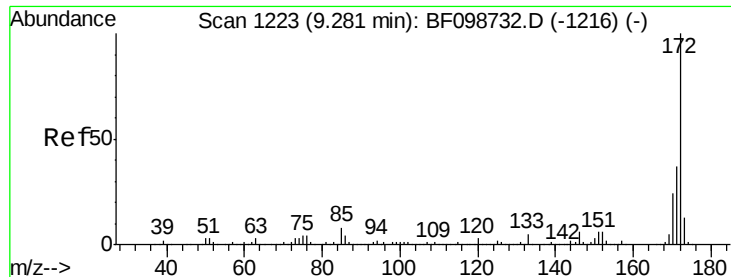


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

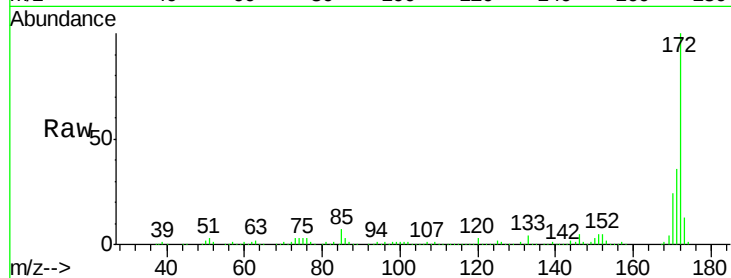




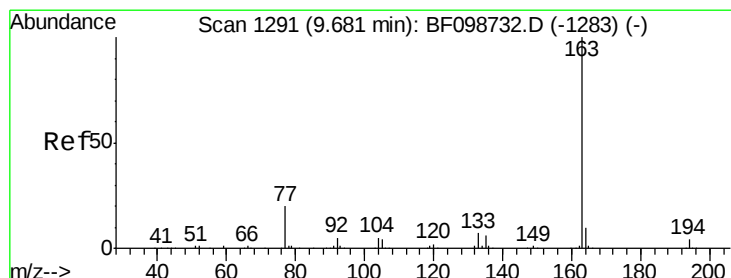
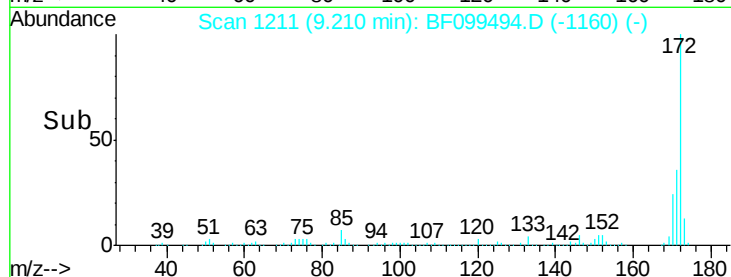
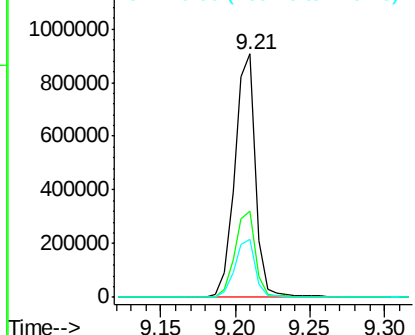
#44
 2-Fluorobiphenyl
 Concen: 84.65 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF099494.D
 Acq: 14 Oct 2017 23:23

Instrument :
 BNA_F
 ClientSampleId :
 ENV-114-2(10-15)

Tgt Ion:172 Resp: 890952
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 23.8 19.6 29.4

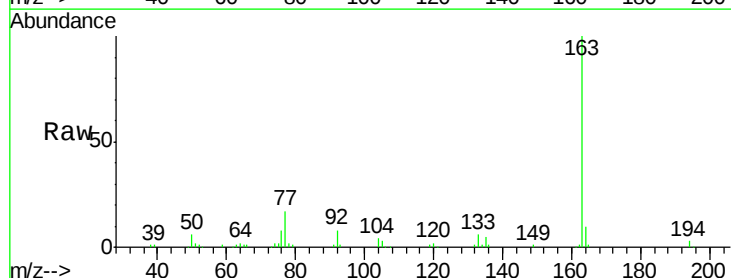


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

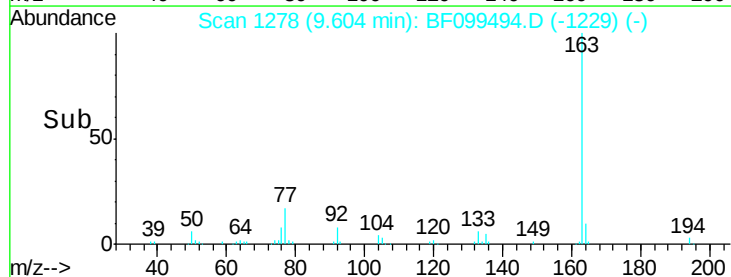
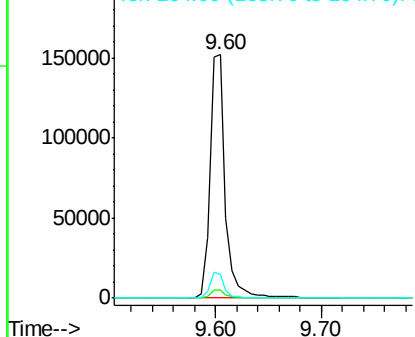


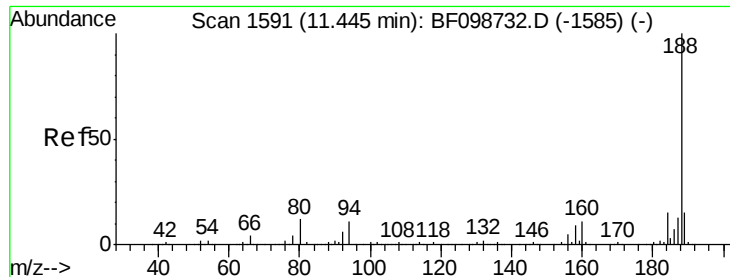
#49
 Dimethylphthalate
 Concen: 11.61 ng
 RT: 9.60 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: BF099494.D
 Acq: 14 Oct 2017 23:23

Tgt Ion:163 Resp: 153935
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.7 4.1
 164 9.8 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

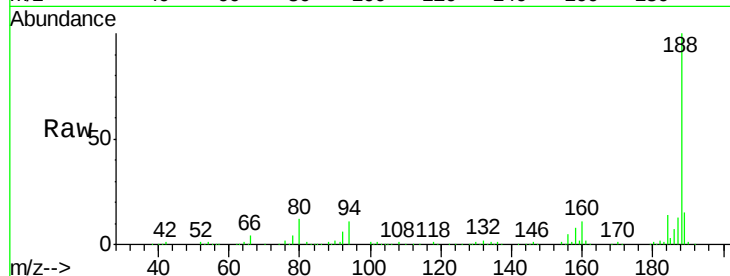




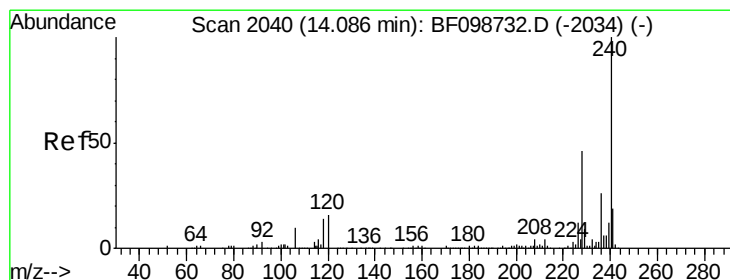
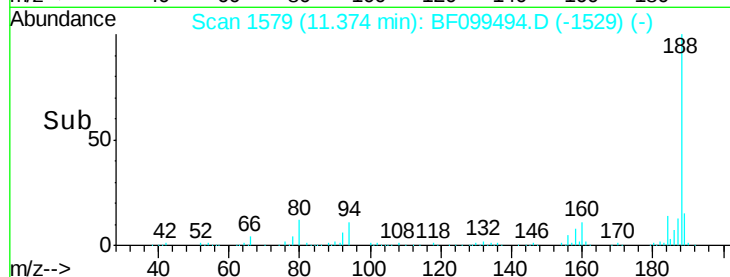
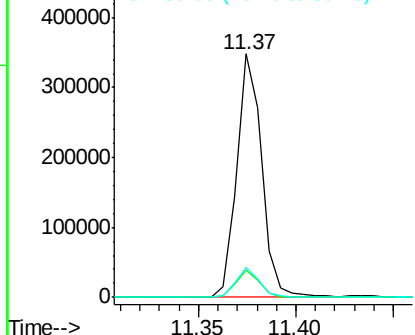
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF099494.D
Acq: 14 Oct 2017 23:23

Instrument :
BNA_F
ClientSampleId :
ENV-114-2(10-15)

Tgt Ion:188 Resp: 308845
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 12.2 9.2 13.8

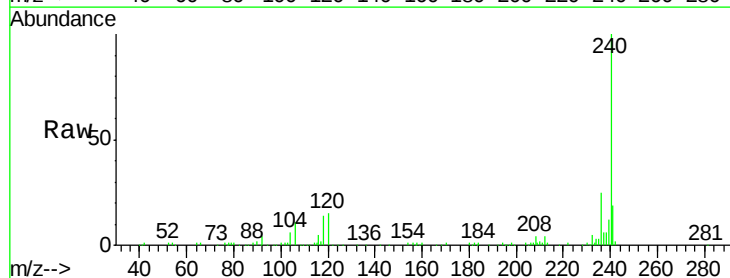


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

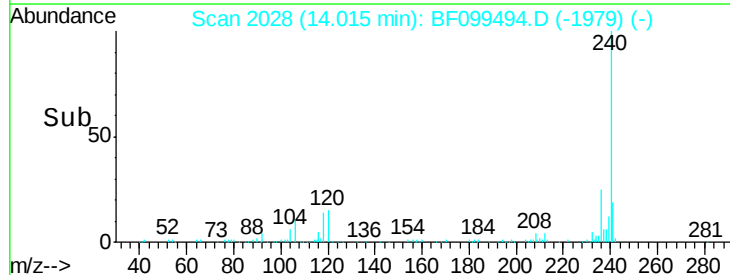
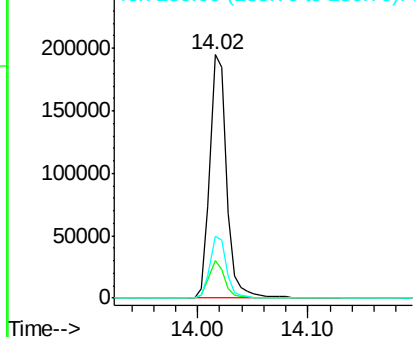


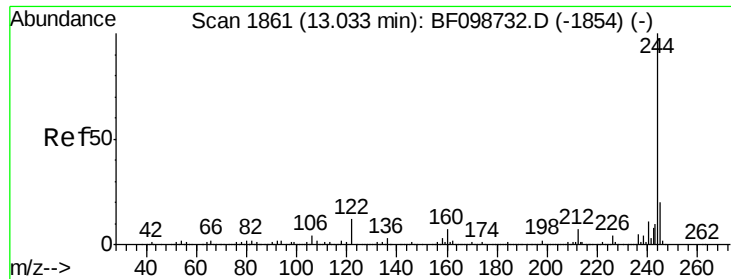
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF099494.D
Acq: 14 Oct 2017 23:23

Tgt Ion:240 Resp: 202235
Ion Ratio Lower Upper
240 100
120 15.3 9.5 14.3#
236 25.4 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: 83.14 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF099494.D

Acq: 14 Oct 2017 23:23

Instrument :

BNA_F

ClientSampleId :

ENV-114-2(10-15)

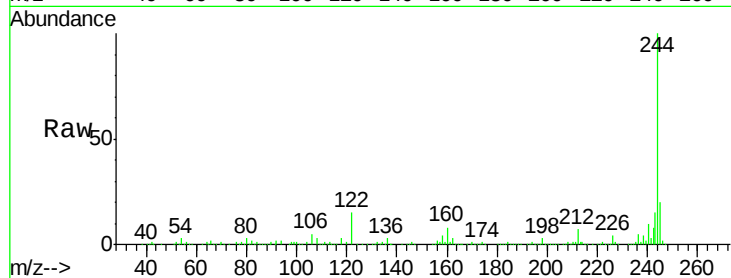
Tgt Ion:244 Resp: 739296

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

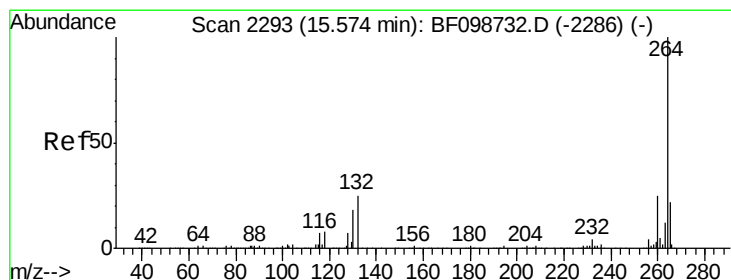
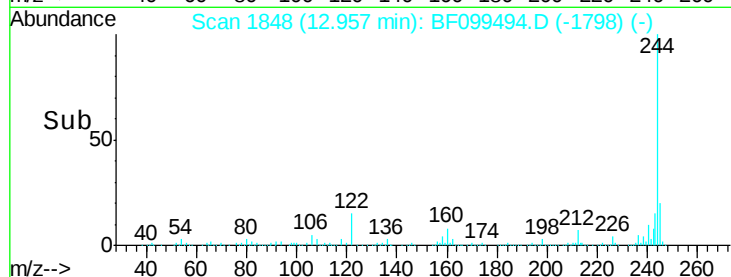
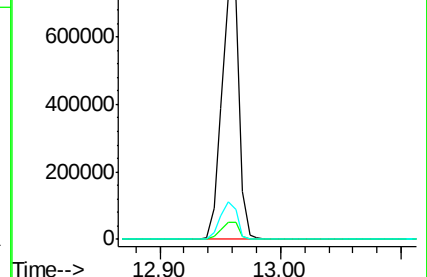
122 15.3 11.0 16.4



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: 20.00 ng

RT: 15.49 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BF099494.D

Acq: 14 Oct 2017 23:23

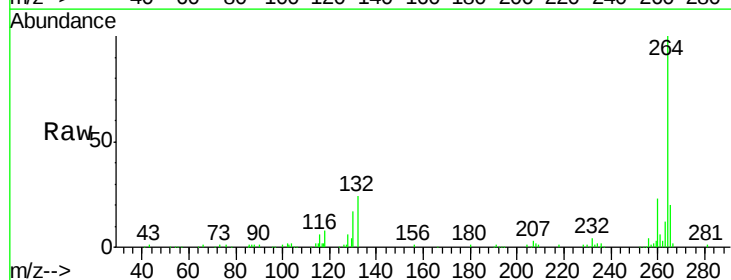
Tgt Ion:264 Resp: 152856

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 20.2 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

