

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
 Data File : BF099912.D
 Acq On : 28 Oct 2017 12:53
 Operator : SJ/JU
 Sample : I6138-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 220-3A-B-CONCRETE

Quant Time: Oct 30 02:27:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

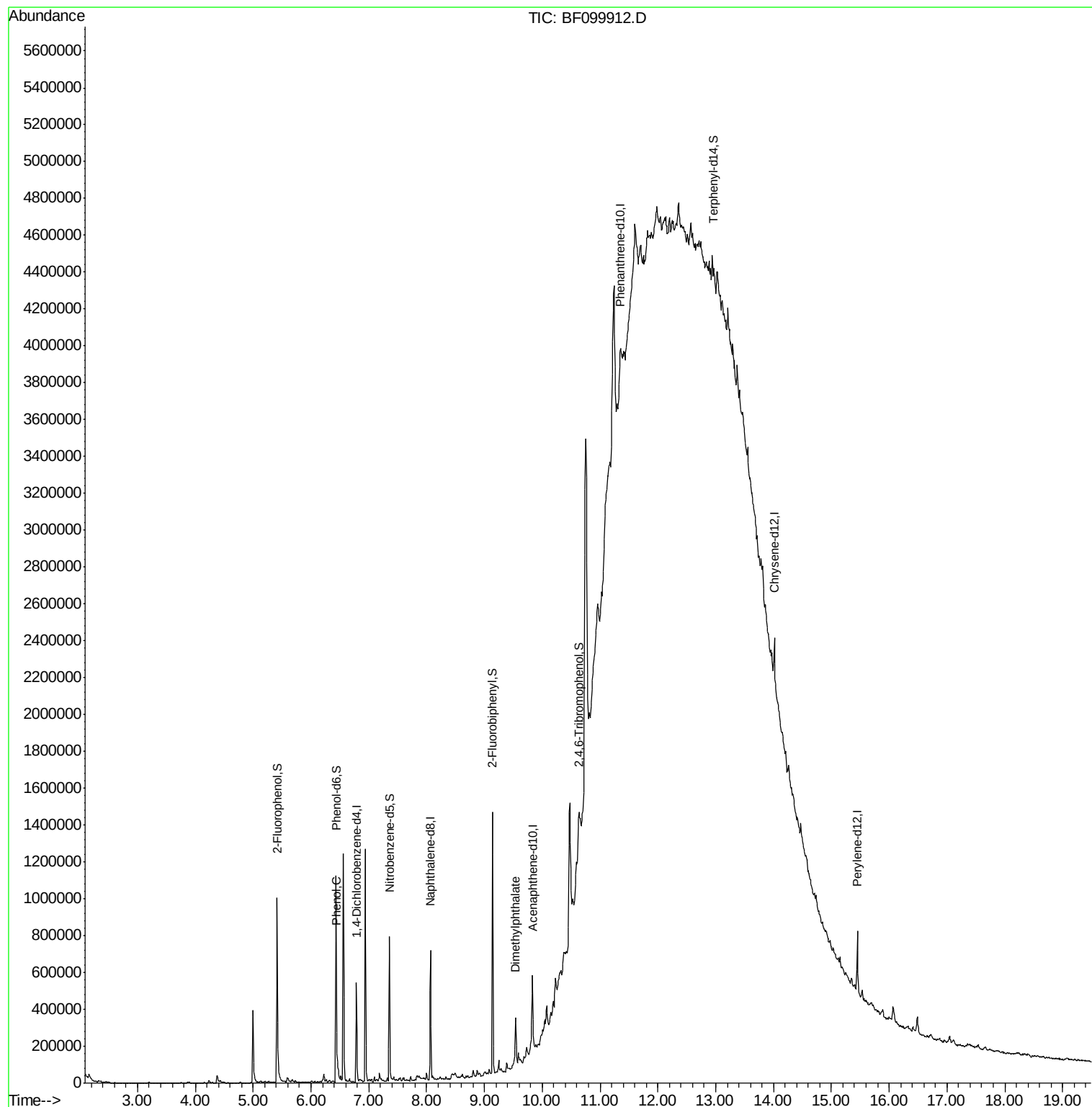
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	82903	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	308231	20.00	ng	-0.01
38) Acenaphthene-d10	9.83	164	121496	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	96581	20.00	ng	0.00
75) Chrysene-d12	14.02	240	118339	20.00	ng	0.02
86) Perylene-d12	15.45	264	151846	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	382913	72.51	ng	0.00
7) Phenol-d6	6.43	99	459990	73.47	ng	0.00
23) Nitrobenzene-d5	7.36	82	264409	55.23	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	65564	59.22	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	532314	67.60	ng	-0.02
78) Terphenyl-d14	12.97	244	138159	25.51	ng	0.05
Target Compounds						
10) Phenol	6.45	94	18031	2.623	ng	Qvalue # 77
49) Dimethylphthalate	9.55	163	94136	9.784	ng	99

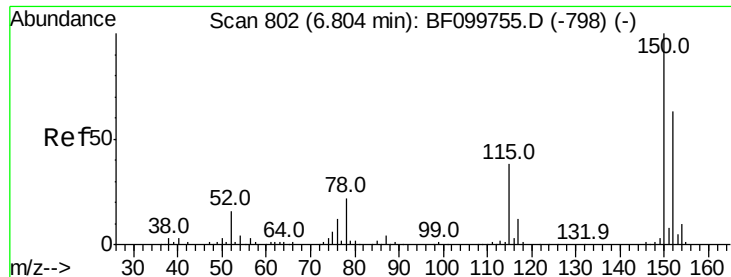
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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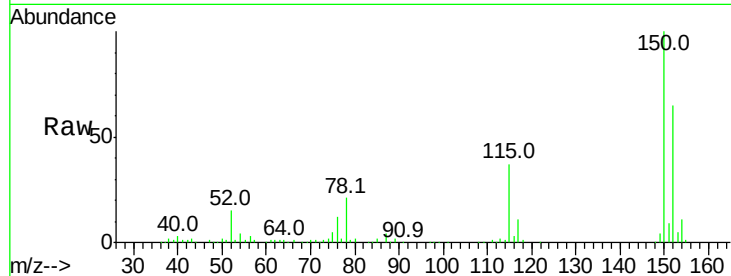


#1

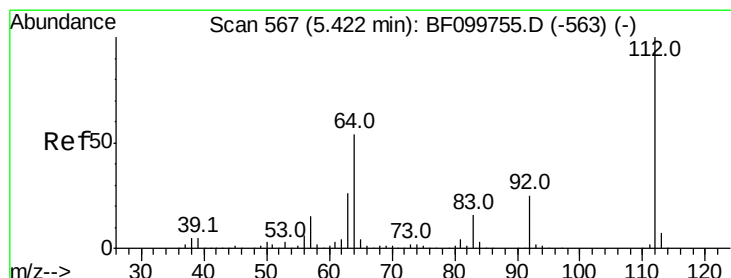
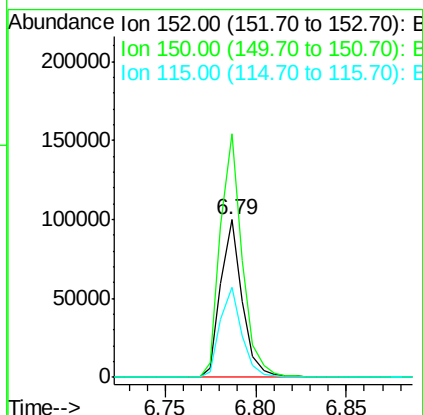
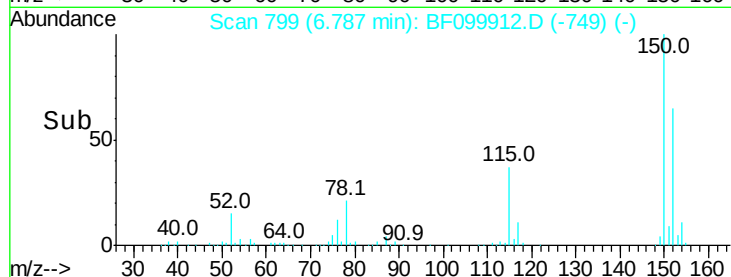
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF099912.D
 Acq: 28 Oct 2017 12:53

Instrument :
 BNA_F
 ClientSampleId :
 220-3A-B-CONCRETE

Tot Ion:152 Resp: 82903
 Ion Ratio Lower Upper
 152 100
 150 154.6 124.6 186.8
 115 57.3 50.1 75.1



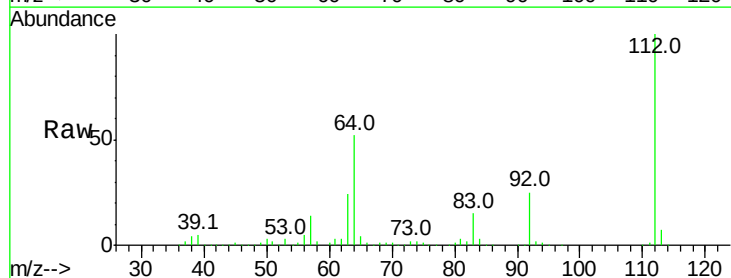
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



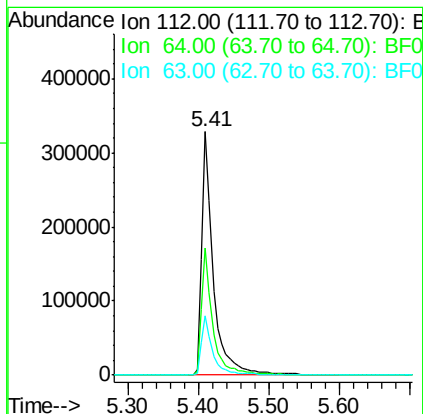
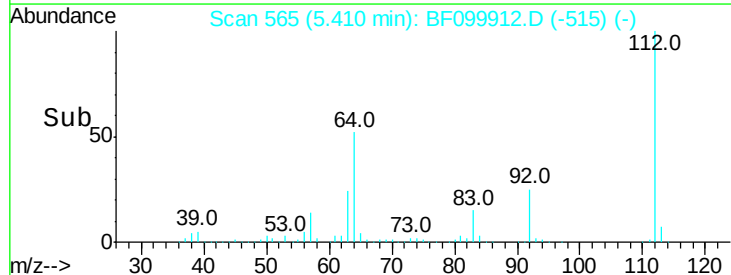
#5

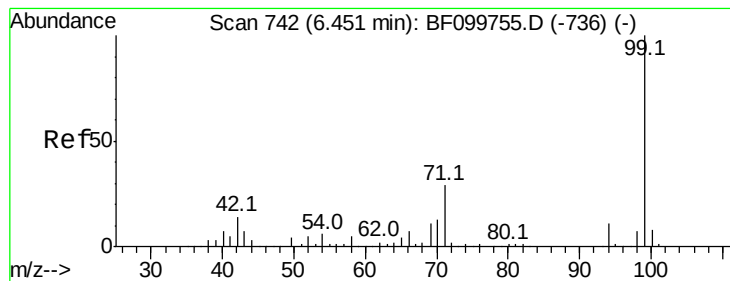
2-Fluorophenol
 Concen: 72.514 ng
 RT: 5.41 min Scan# 565
 Delta R.T. -0.01 min
 Lab File: BF099912.D
 Acq: 28 Oct 2017 12:53

Tgt Ion:112 Resp: 382913
 Ion Ratio Lower Upper
 112 100
 64 52.0 47.9 71.9
 63 24.2 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: 73.466 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099912.D

Acq: 28 Oct 2017 12:53

Instrument :

BNA_F

ClientSampleId :

220-3A-B-CONCRETE

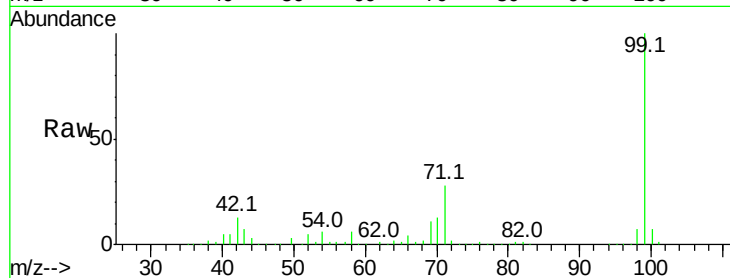
Tot Ion: 99 Resp: 459990

Ion Ratio Lower Upper

99 100

42 13.3 14.5 21.7#

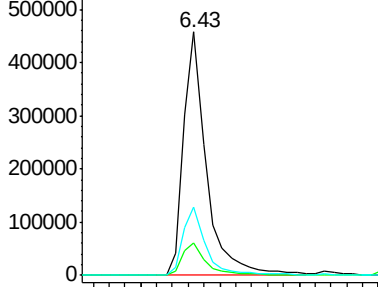
71 27.8 25.4 38.0



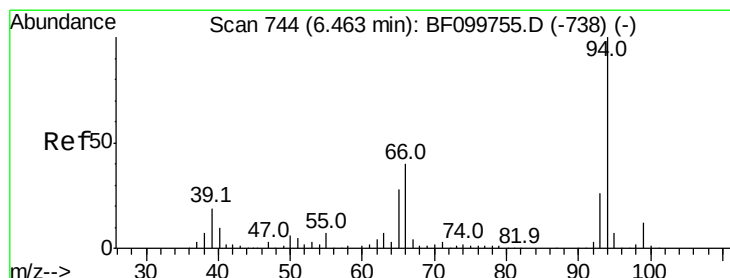
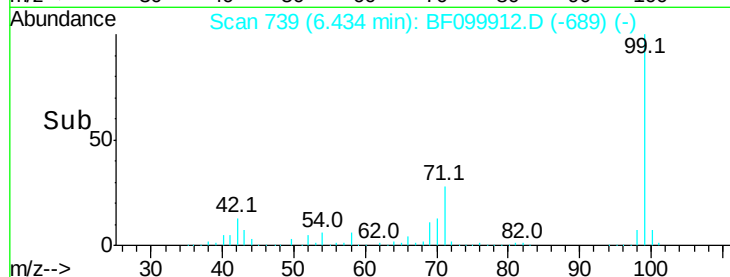
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#10

Phenol

Concen: 2.623 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099912.D

Acq: 28 Oct 2017 12:53

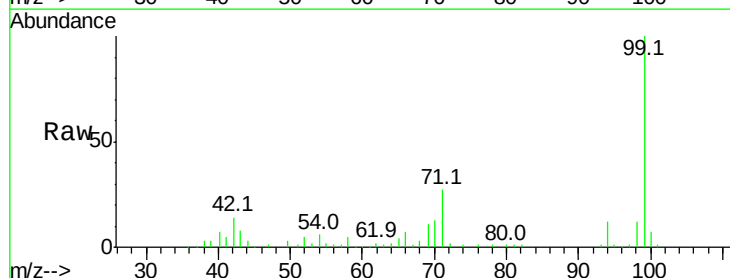
Tgt Ion: 94 Resp: 18031

Ion Ratio Lower Upper

94 100

65 31.0 7.9 47.9

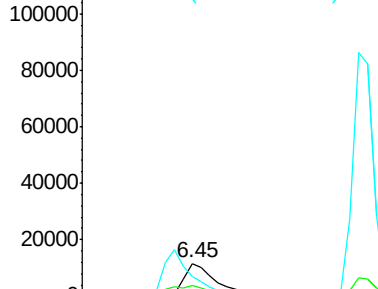
66 57.7 16.2 56.2#



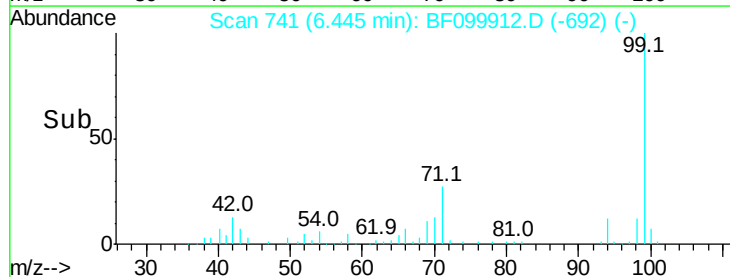
Abundance Ion 94.00 (93.70 to 94.70): BF0

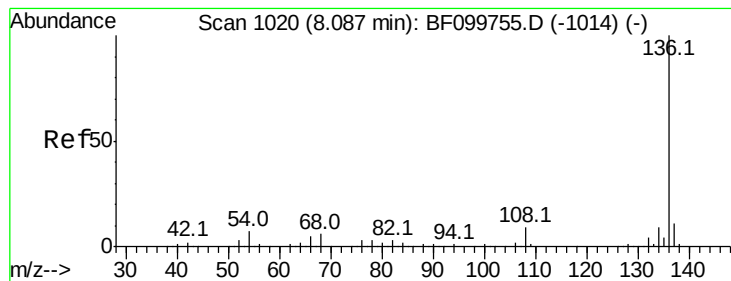
Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



Time-->





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF099912.D

Acq: 28 Oct 2017 12:53

Instrument :

BNA_F

ClientSampleId :

220-3A-B-CONCRETE

Tot Ion:136 Resp: 308231

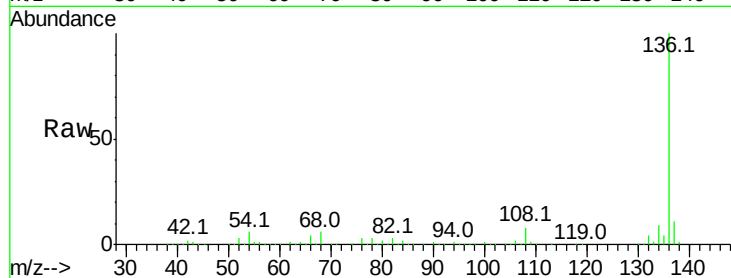
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.1 6.6 9.8#

68 5.5 5.0 7.4

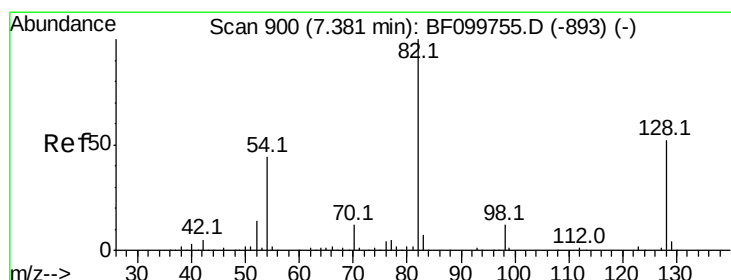
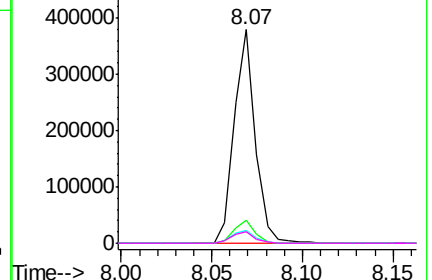
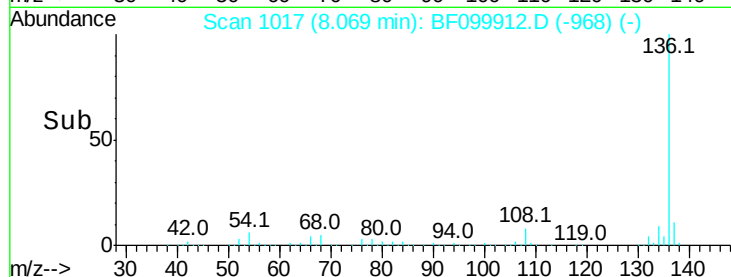


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 55.227 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF099912.D

Acq: 28 Oct 2017 12:53

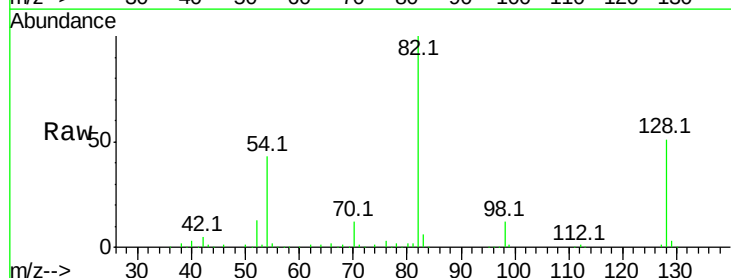
Tgt Ion: 82 Resp: 264409

Ion Ratio Lower Upper

82 100

128 51.1 36.1 54.1

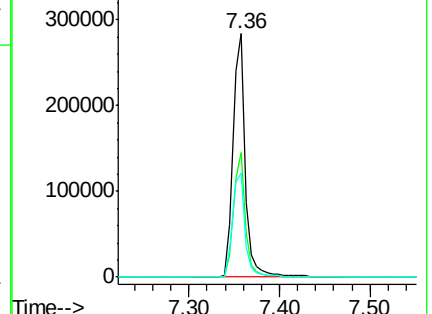
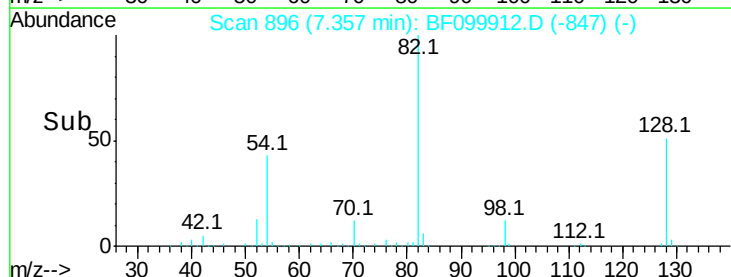
54 42.5 41.4 62.2

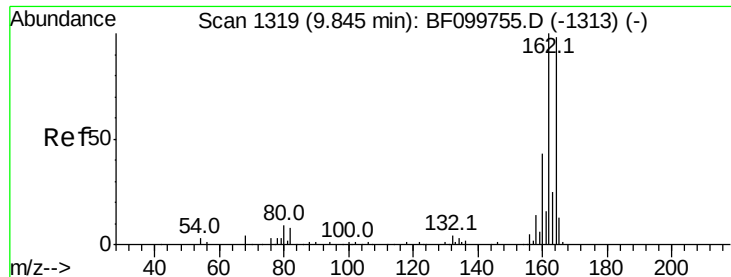


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

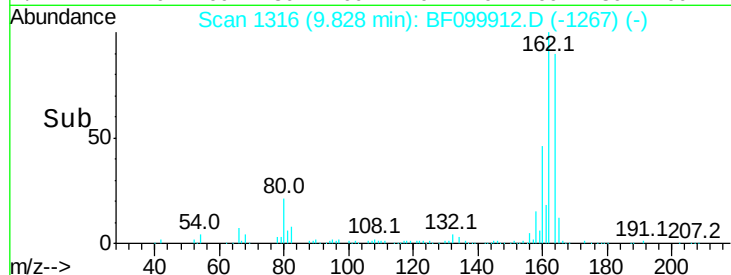
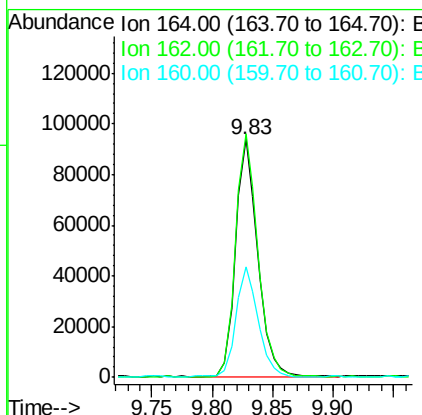
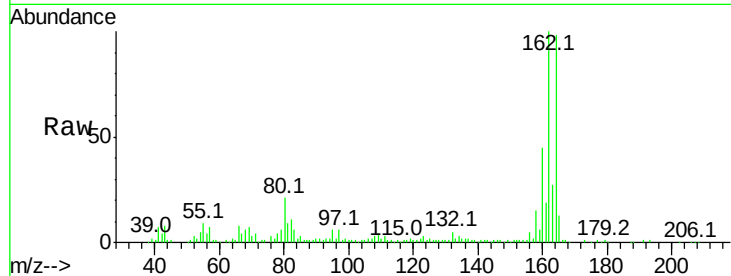




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF099912.D
 Acq: 28 Oct 2017 12:53

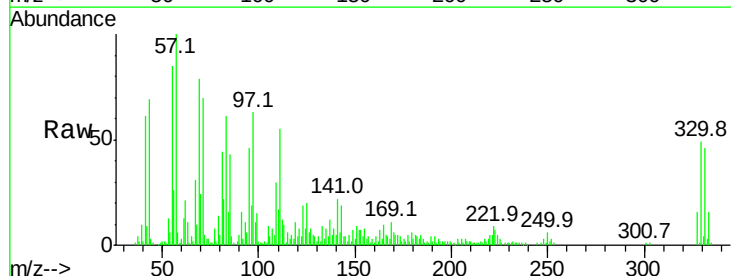
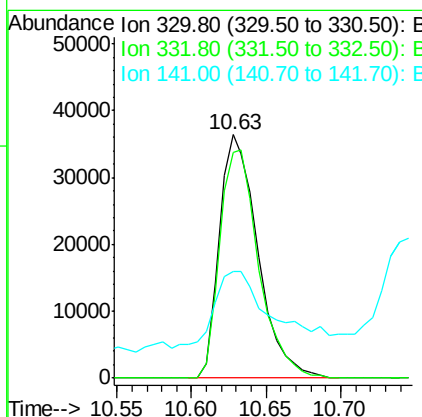
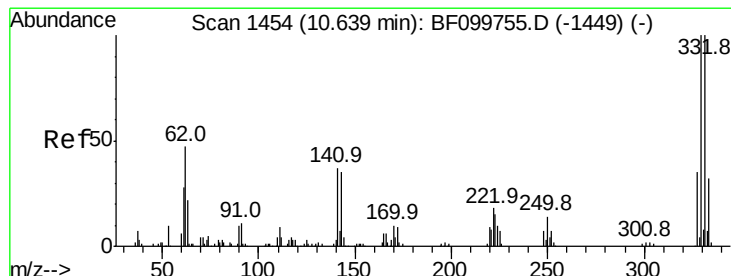
Instrument :
 BNA_F
 ClientSampleId :
 220-3A-B-CONCRETE

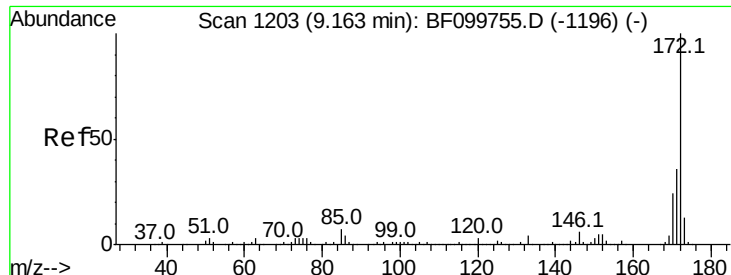
Tot Ion:164 Resp: 121496
 Ion Ratio Lower Upper
 164 100
 162 102.3 86.1 129.1
 160 46.3 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 59.215 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF099912.D
 Acq: 28 Oct 2017 12:53

Tgt Ion:330 Resp: 65564
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 44.2 29.9 44.9

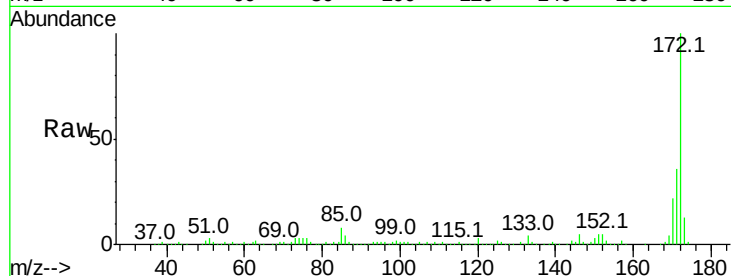




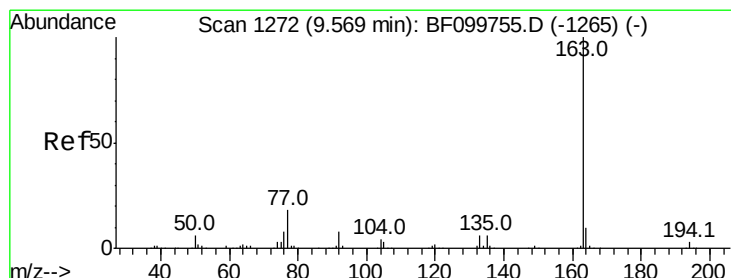
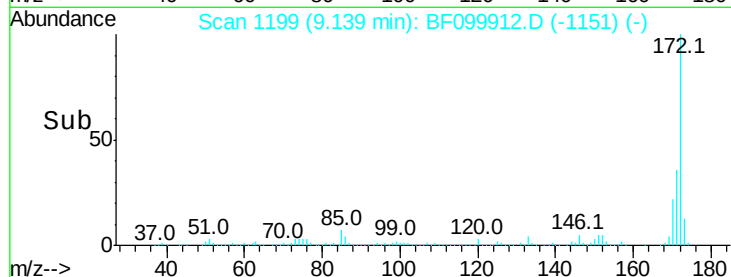
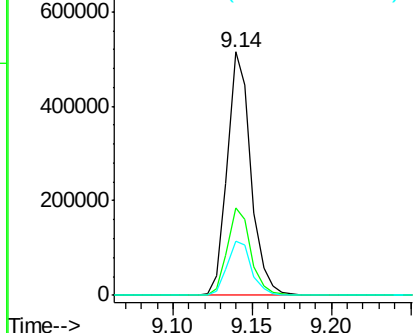
#44
2-Fluorobiphenyl
Concen: 67.597 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.02 min
Lab File: BF099912.D
Acq: 28 Oct 2017 12:53

Instrument :
BNA_F
ClientSampleId :
220-3A-B-CONCRETE

Tot Ion:172 Resp: 532314
Ion Ratio Lower Upper
172 100
171 35.8 29.7 44.5
170 22.4 19.6 29.4

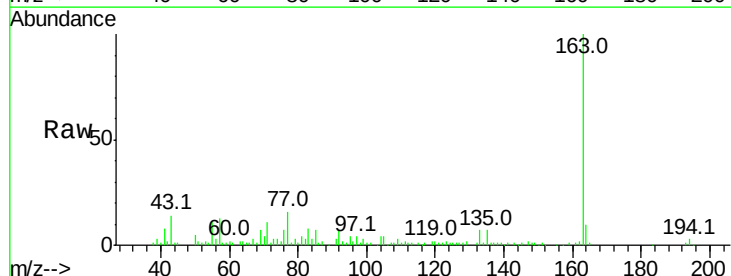


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

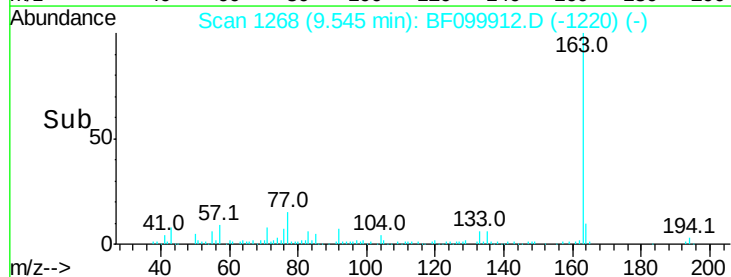
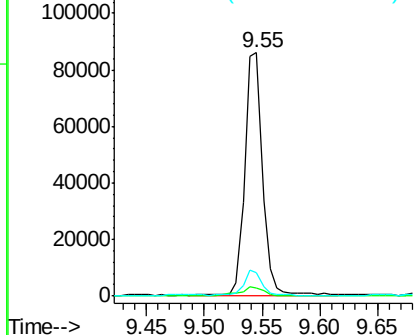


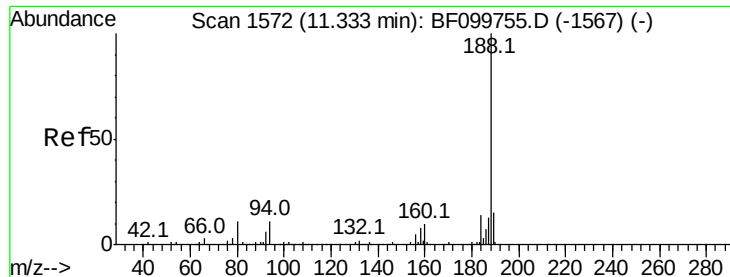
#49
Dimethylphthalate
Concen: 9.784 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF099912.D
Acq: 28 Oct 2017 12:53

Tgt Ion:163 Resp: 94136
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

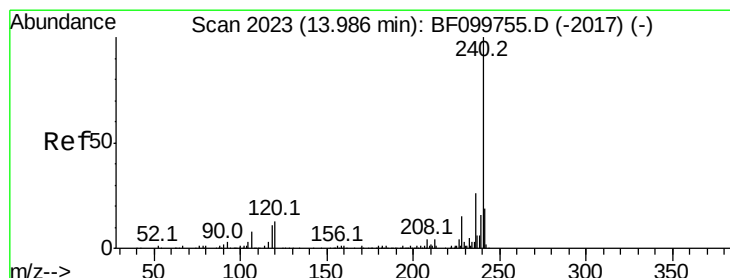
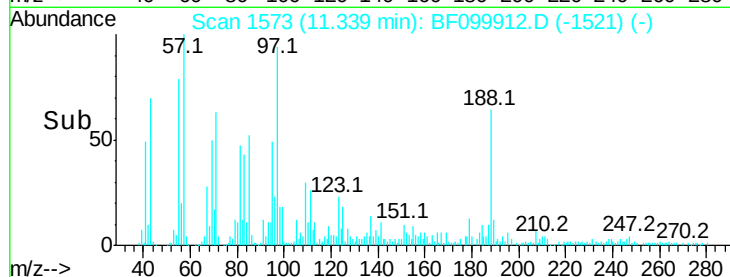
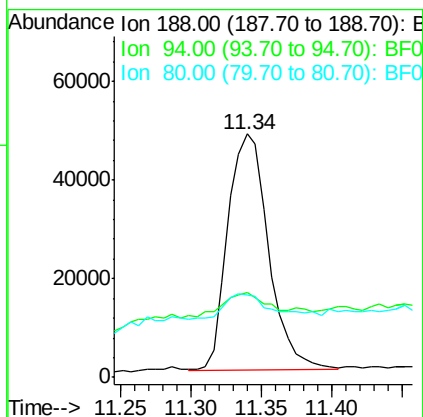
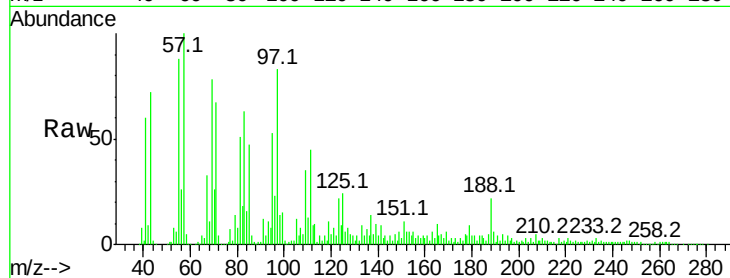




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF099912.D
Acq: 28 Oct 2017 12:53

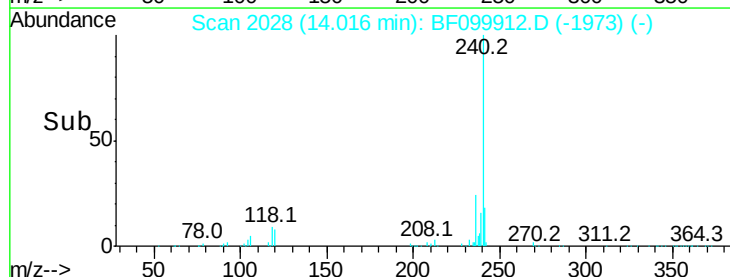
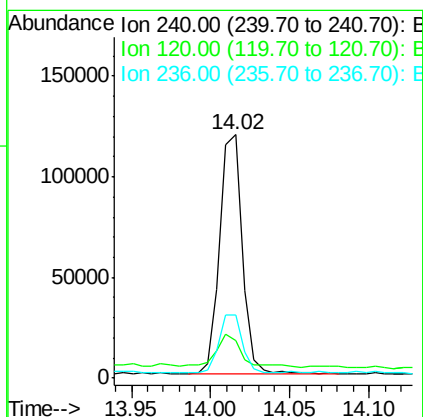
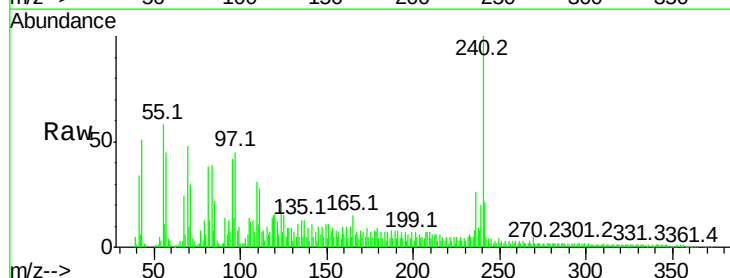
Instrument :
BNA_F
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220-3A-B-CONCRETE

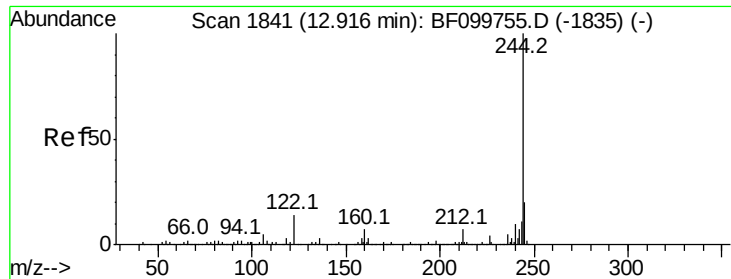
Tot Ion:188 Resp: 96581
Ion Ratio Lower Upper
188 100
94 34.8 8.5 12.7#
80 33.9 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.02 min
Lab File: BF099912.D
Acq: 28 Oct 2017 12:53

Tgt Ion:240 Resp: 118339
Ion Ratio Lower Upper
240 100
120 15.7 9.5 14.3#
236 26.0 20.7 31.1





#78

Terphenyl-d14

Concen: 25.514 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.05 min

Lab File: BF099912.D

Acq: 28 Oct 2017 12:53

Instrument :

BNA_F

ClientSampleId :

220-3A-B-CONCRETE

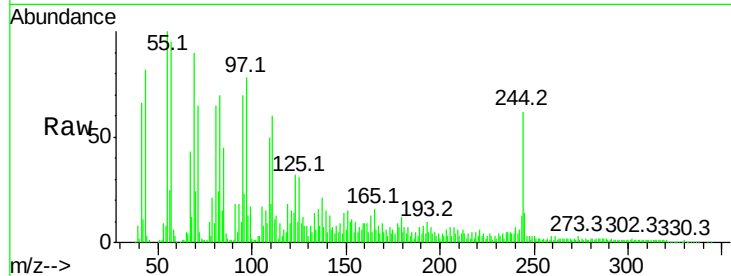
Tot Ion:244 Resp: 138159

Ion Ratio Lower Upper

244 100

212 9.6 5.4 8.0#

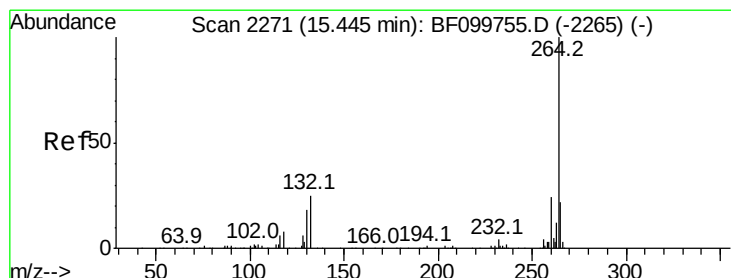
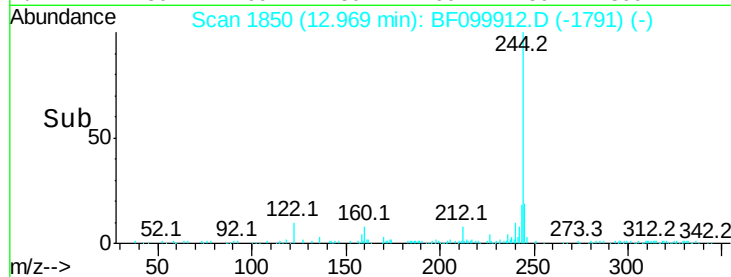
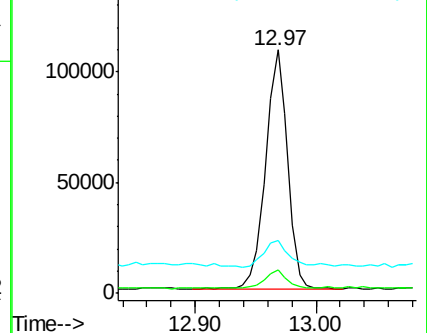
122 22.0 11.0 16.4#



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: 15.45 min Scan# 2272

Delta R.T. -0.01 min

Lab File: BF099912.D

Acq: 28 Oct 2017 12:53

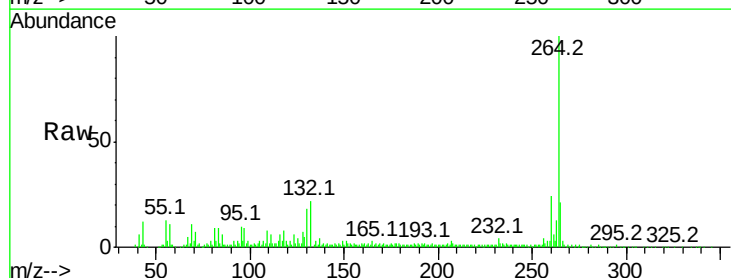
Tgt Ion:264 Resp: 151846

Ion Ratio Lower Upper

264 100

260 23.6 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

