

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
 Data File : BF092455.D
 Acq On : 25 Jan 2017 3:20
 Operator : UM/SJ
 Sample : I1397-01
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-25

Quant Time: Jan 25 05:36:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

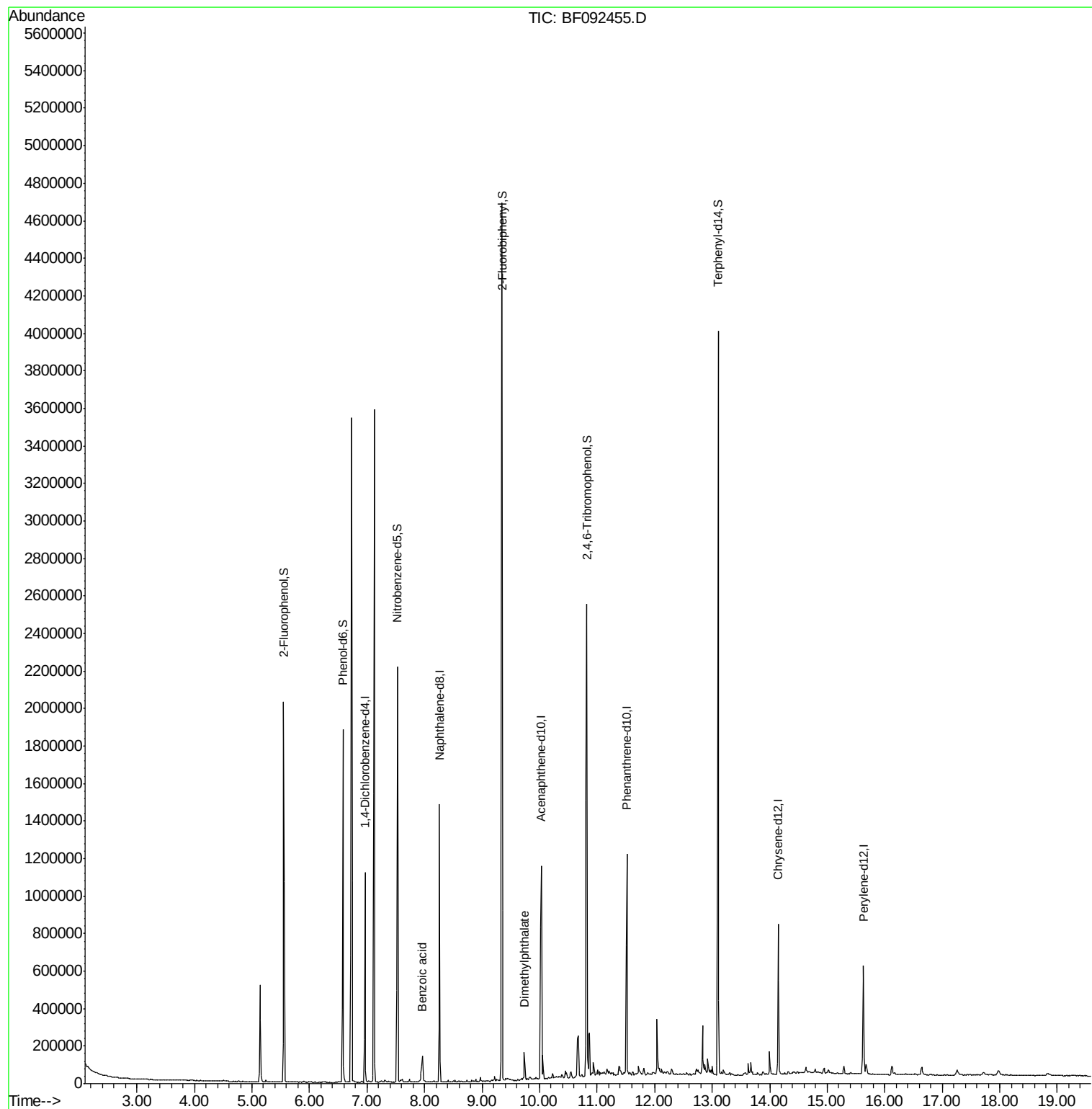
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	155684	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	618865	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	321311	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	511011	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	331322	20.00	ng	-0.02
86) Perylene-d12	15.63	264	309526	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	636037	63.56	ng	0.00
7) Phenol-d6	6.58	99	549577	43.12	ng	-0.01
23) Nitrobenzene-d5	7.53	82	1102937	97.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	314259	143.52	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1591244	91.58	ng	-0.01
78) Terphenyl-d14	13.11	244	1298438	104.36	ng	-0.01
Target Compounds						
32) Benzoic acid	7.96	122	43380	9.76	ng	98
49) Dimethylphthalate	9.73	163	74343	3.64	ng	98

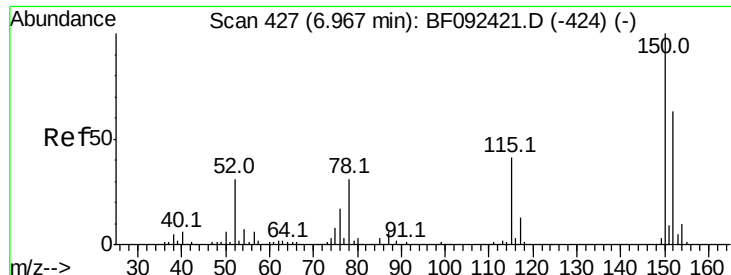
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. 0.00 min

Lab File: BF092455.D

Acq: 25 Jan 2017 3:20

Instrument :

BNA_F

ClientSampleId :

W-25

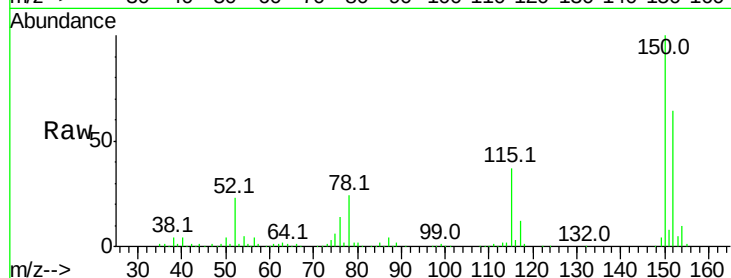
Tot Ion:152 Resp: 155684

Ion Ratio Lower Upper

152 100

150 155.4 124.9 187.3

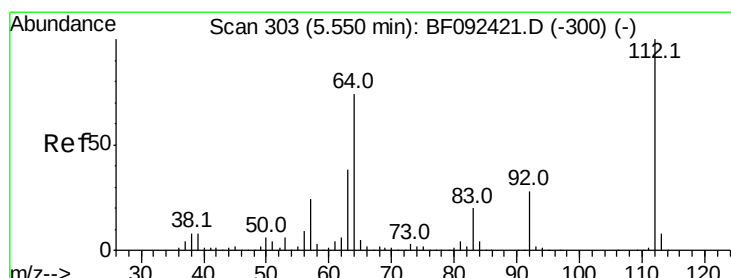
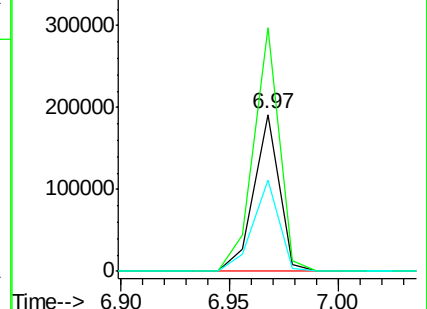
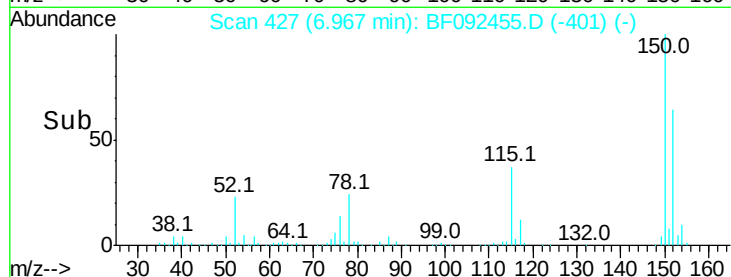
115 58.2 46.0 69.0



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: 63.56 ng

RT: 5.55 min Scan# 303

Delta R.T. 0.00 min

Lab File: BF092455.D

Acq: 25 Jan 2017 3:20

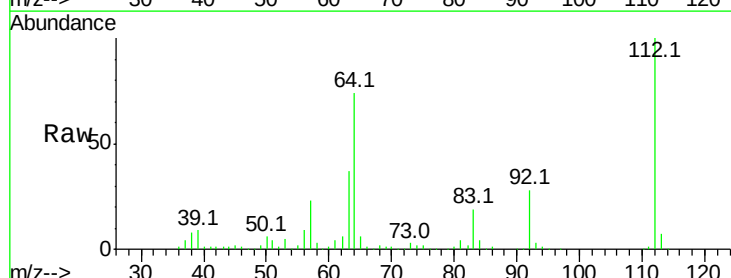
Tgt Ion:112 Resp: 636037

Ion Ratio Lower Upper

112 100

64 73.8 46.1 69.1#

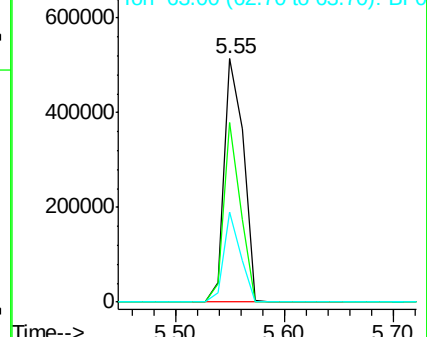
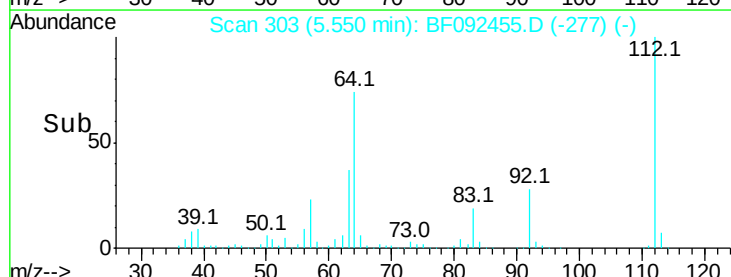
63 37.2 23.8 35.6#

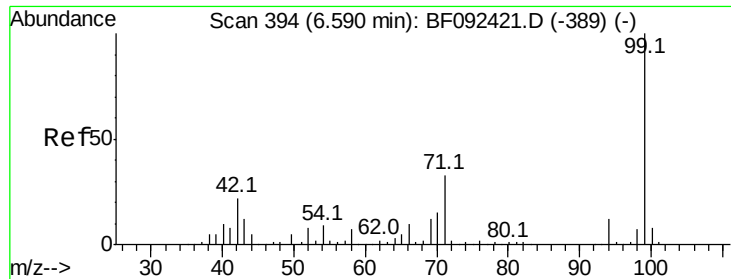


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 43.12 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF092455.D

Acq: 25 Jan 2017 3:20

Instrument :

BNA_F

ClientSampleId :

W-25

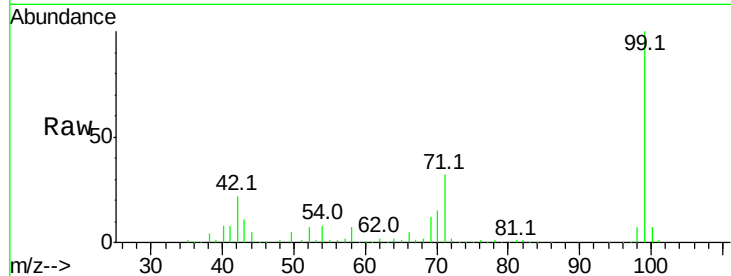
Tot Ion: 99 Resp: 549577

Ion Ratio Lower Upper

99 100

42 21.5 15.6 23.4

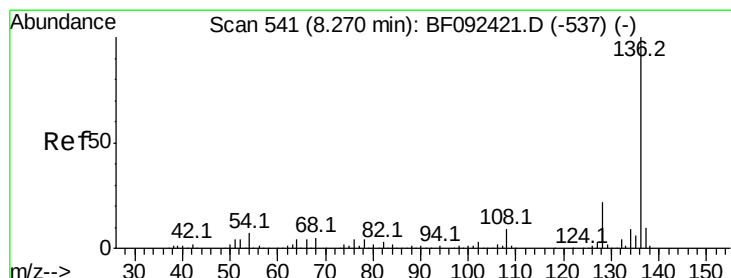
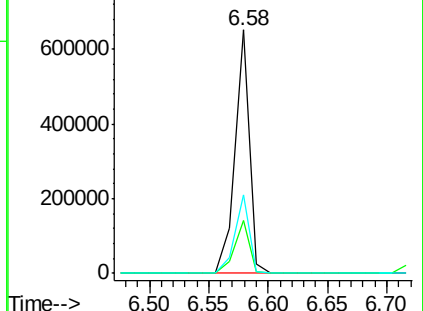
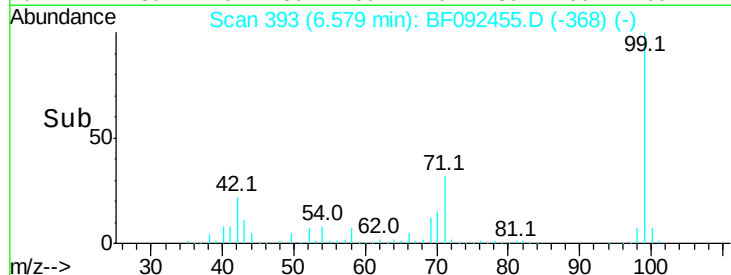
71 32.4 27.5 41.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF092455.D

Acq: 25 Jan 2017 3:20

Tgt Ion: 136 Resp: 618865

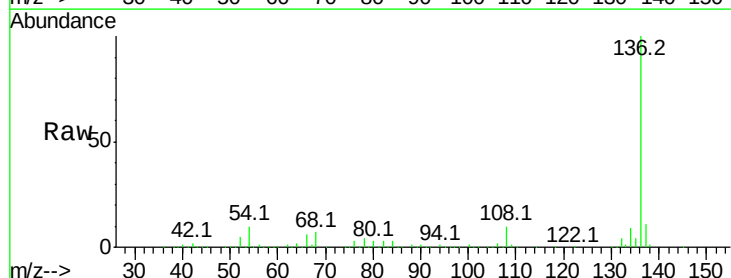
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 10.4 4.5 6.7#

68 7.1 3.6 5.4#

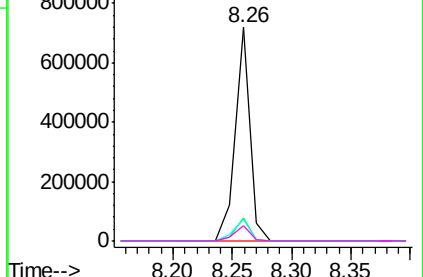
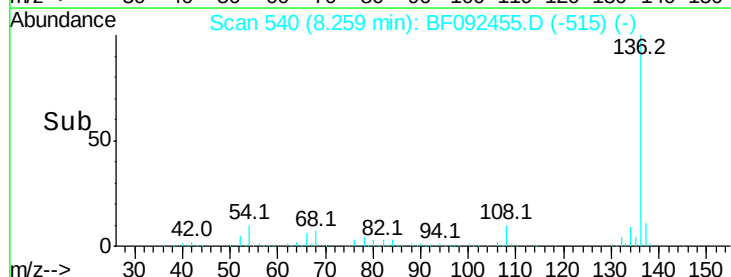


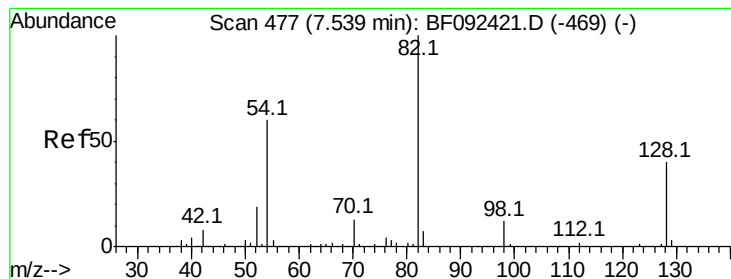
Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.35 ng

RT: 7.53 min Scan# 476

Delta R.T. -0.01 min

Lab File: BF092455.D

Acq: 25 Jan 2017 3:20

Instrument :

BNA_F

ClientSampled :

W-25

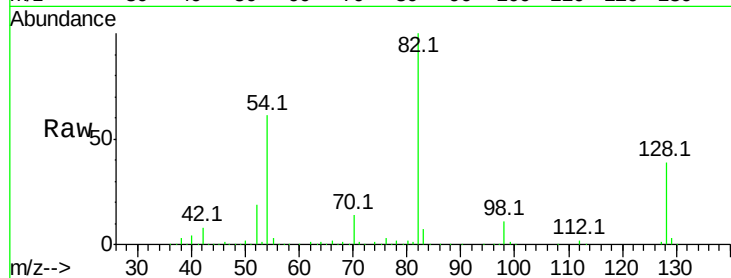
Tot Ion: 82 Resp: 1102937

Ion Ratio Lower Upper

82 100

128 38.8 34.6 52.0

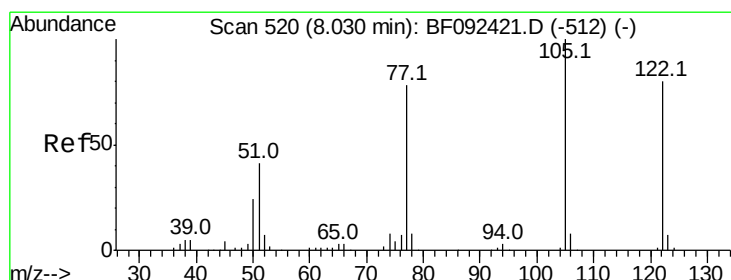
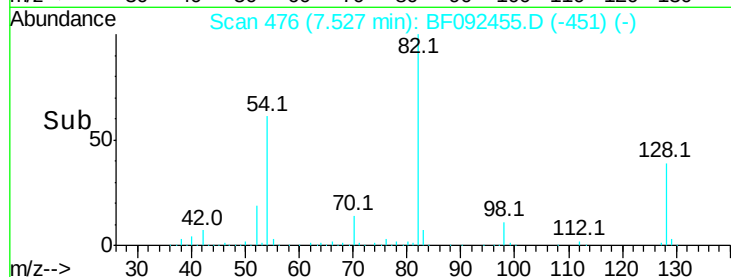
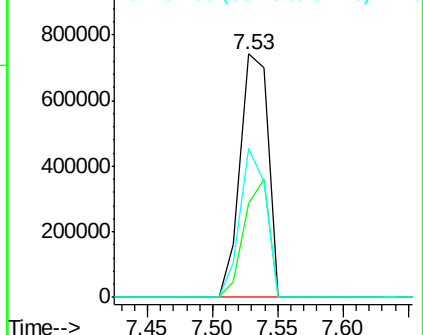
54 61.1 39.5 59.3#



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



#32

Benzoic acid

Concen: 9.76 ng

RT: 7.96 min Scan# 514

Delta R.T. -0.07 min

Lab File: BF092455.D

Acq: 25 Jan 2017 3:20

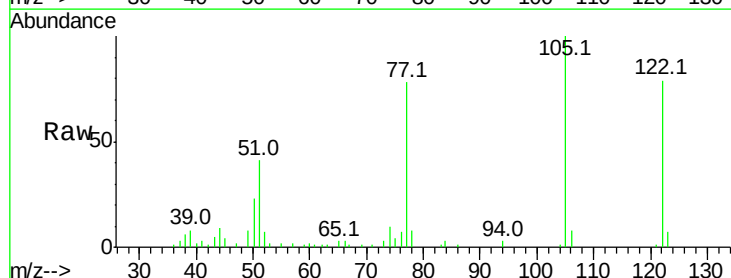
Tgt Ion:122 Resp: 43380

Ion Ratio Lower Upper

122 100

105 126.2 107.2 147.2

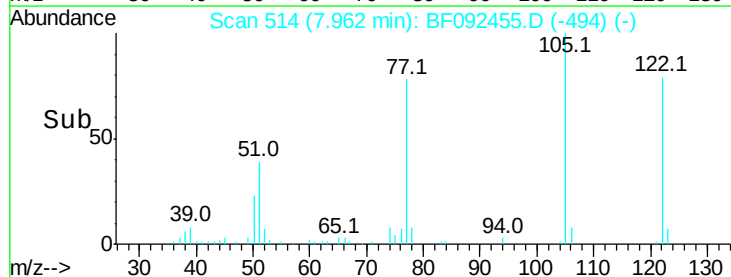
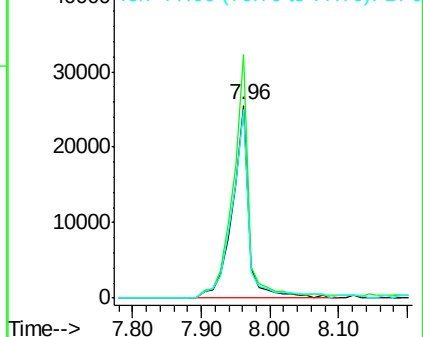
77 98.1 74.5 114.5

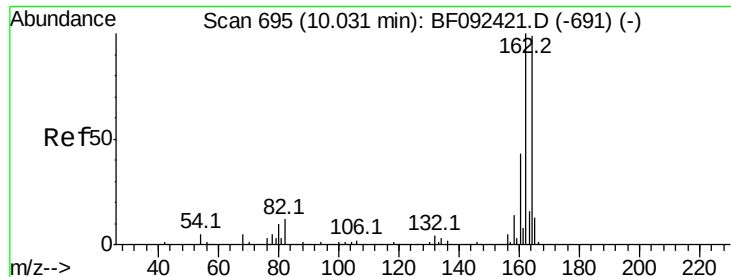


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

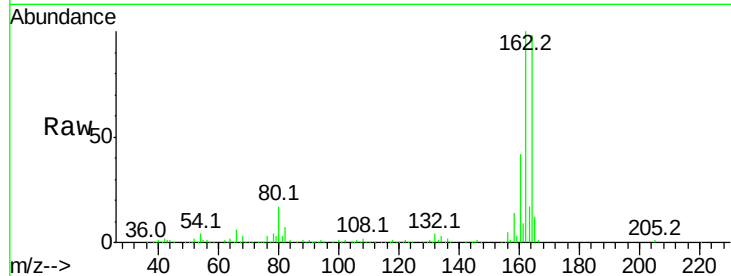




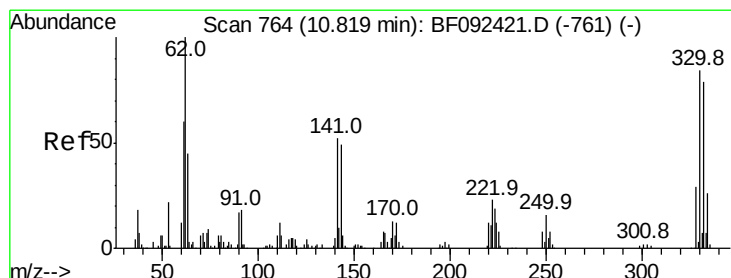
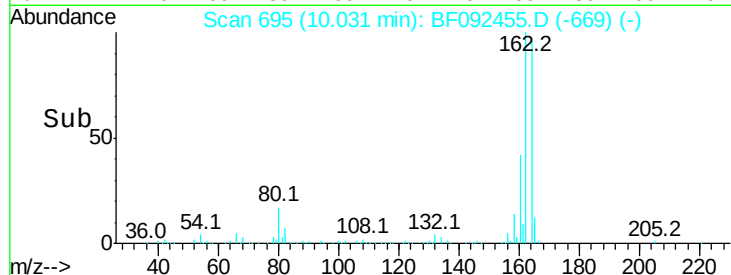
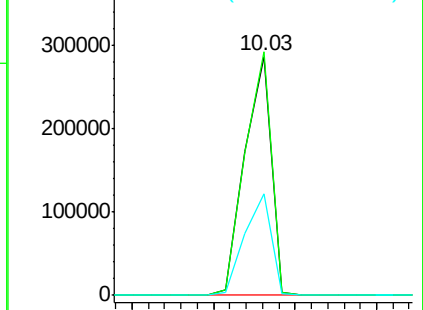
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF092455.D
Acq: 25 Jan 2017 3:20

Instrument :
BNA_F
ClientSampleId :
W-25

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.2	120.2
160	42.6	36.9	55.3

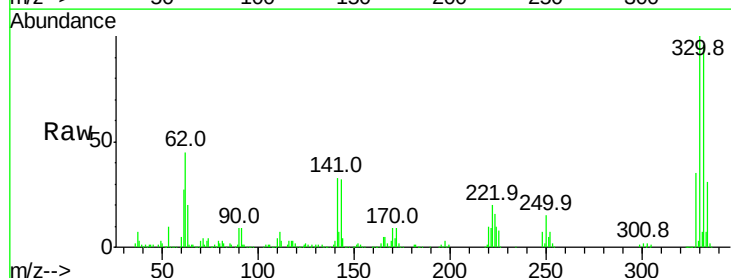


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

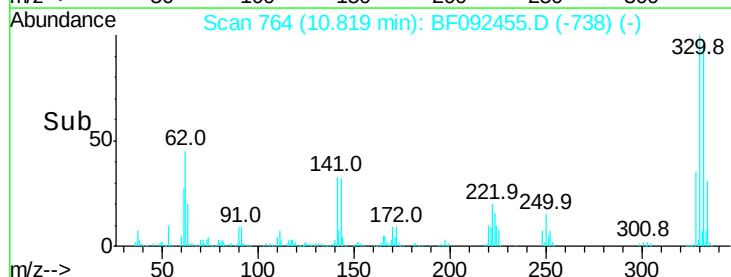
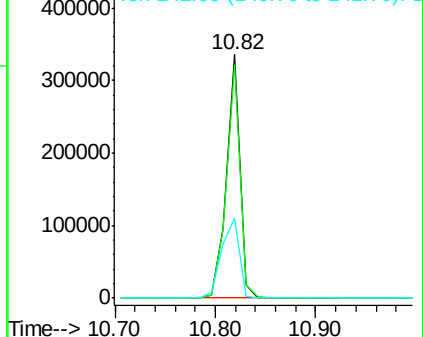


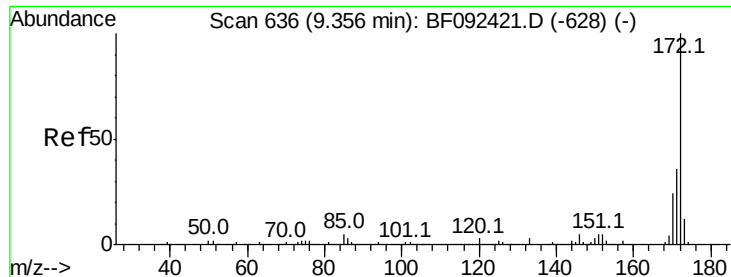
#41
2,4,6-Tribromophenol
Concen: 143.52 ng
RT: 10.82 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF092455.D
Acq: 25 Jan 2017 3:20

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.4	116.2
141	42.7	34.1	51.1



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: 91.58 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF092455.D

Acq: 25 Jan 2017 3:20

Instrument :

BNA_F

ClientSampled :

W-25

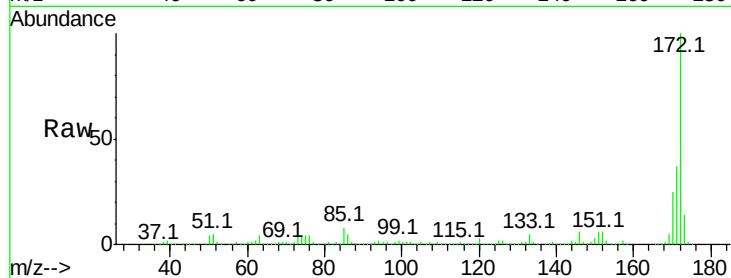
Tot Ion:172 Resp: 1591244

Ion Ratio Lower Upper

172 100

171 37.0 29.4 44.0

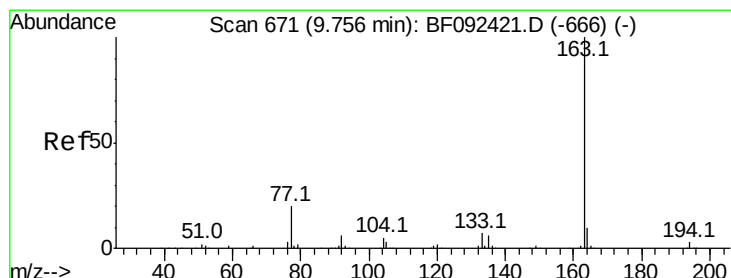
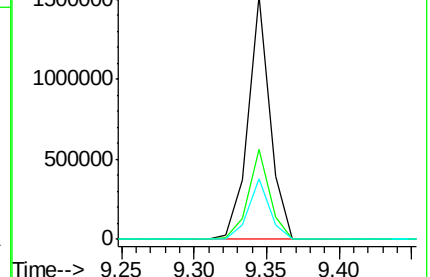
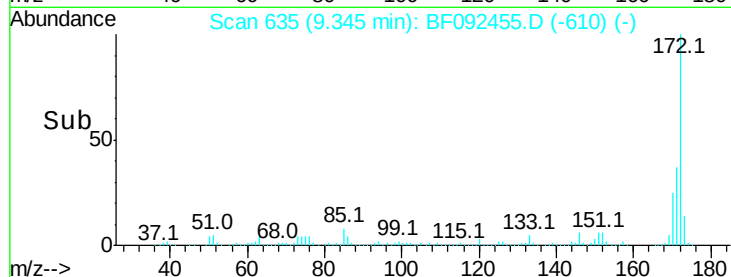
170 24.6 20.2 30.4



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



#49

Dimethylphthalate

Concen: 3.64 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.02 min

Lab File: BF092455.D

Acq: 25 Jan 2017 3:20

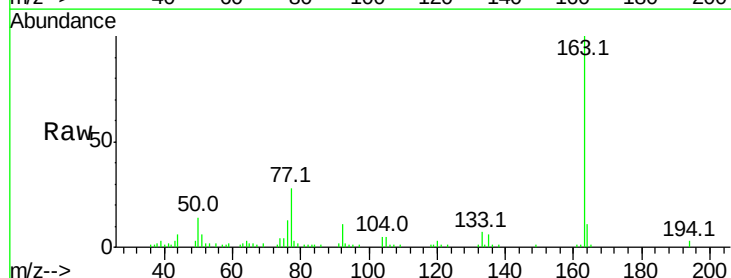
Tgt Ion:163 Resp: 74343

Ion Ratio Lower Upper

163 100

194 3.0 3.0 4.4

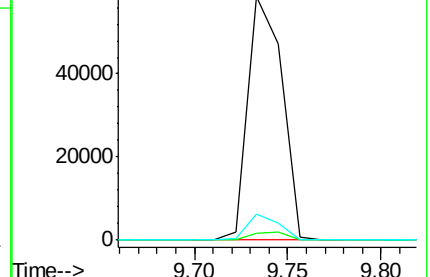
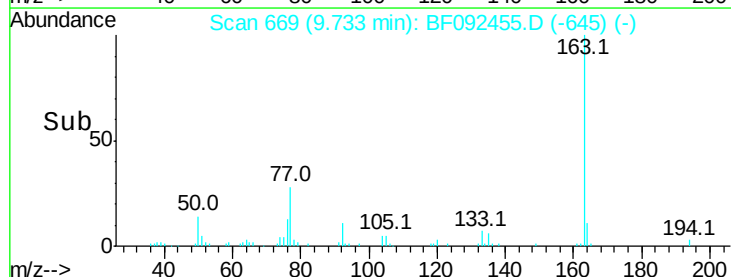
164 10.7 8.0 12.0

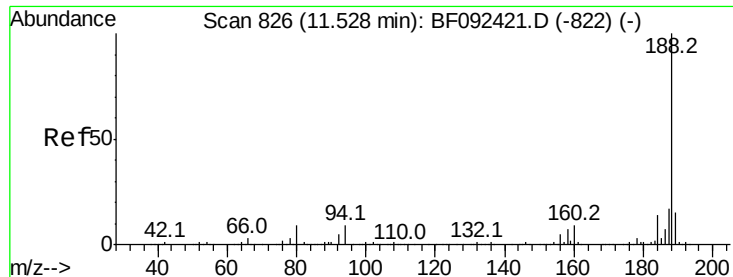


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

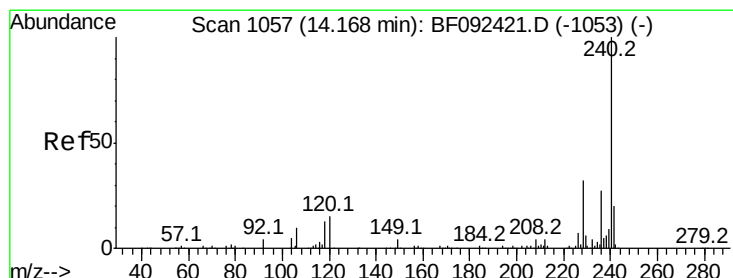
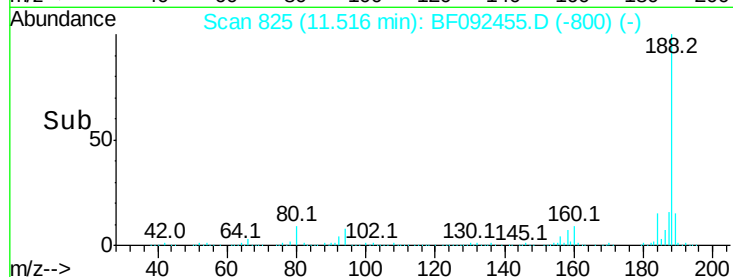
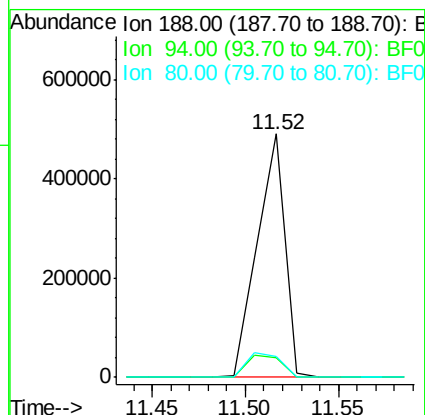
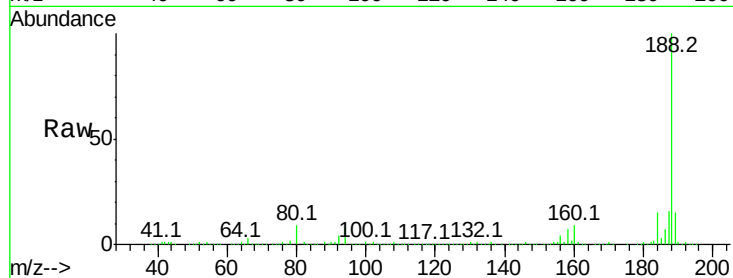




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092455.D
Acq: 25 Jan 2017 3:20

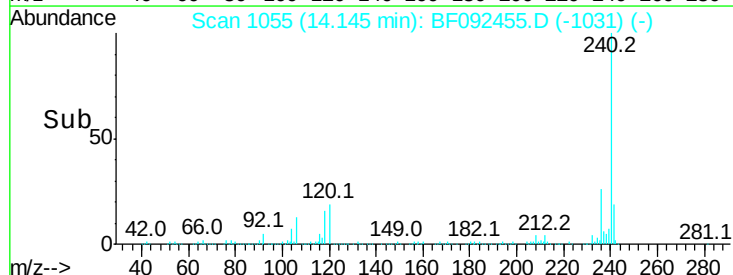
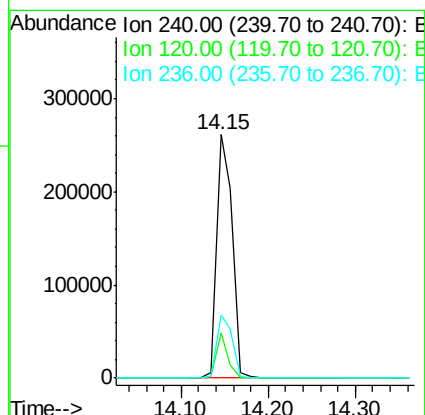
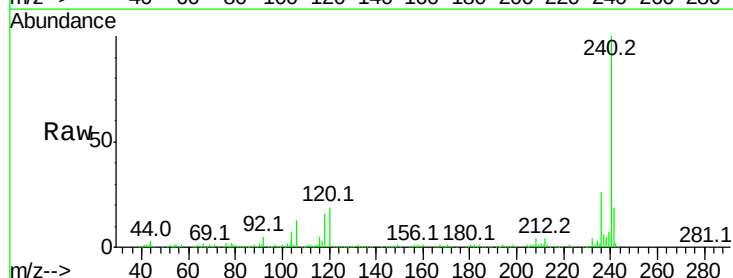
Instrument :
BNA_F
ClientSampleId :
W-25

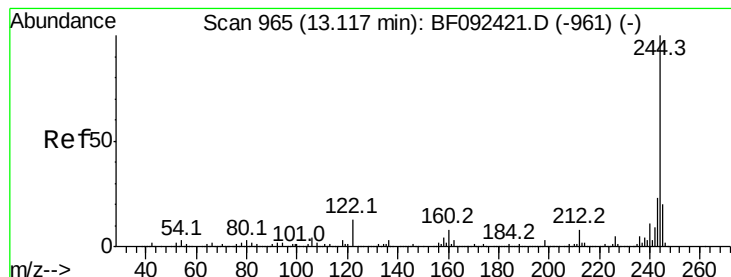
Tot Ion:188 Resp: 511011
Ion Ratio Lower Upper
188 100
94 8.3 10.0 15.0#
80 8.6 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.15 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BF092455.D
Acq: 25 Jan 2017 3:20

Tgt Ion:240 Resp: 331322
Ion Ratio Lower Upper
240 100
120 18.6 12.9 19.3
236 25.7 20.9 31.3





#78

Terphenyl-d14

Concen: 104.36 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092455.D

Acq: 25 Jan 2017 3:20

Instrument :

BNA_F

ClientSampleId :

W-25

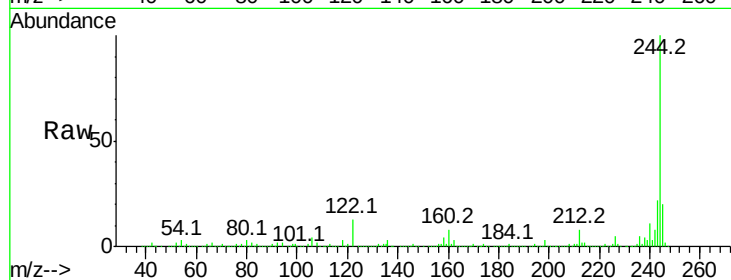
Tot Ion:244 Resp: 1298438

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

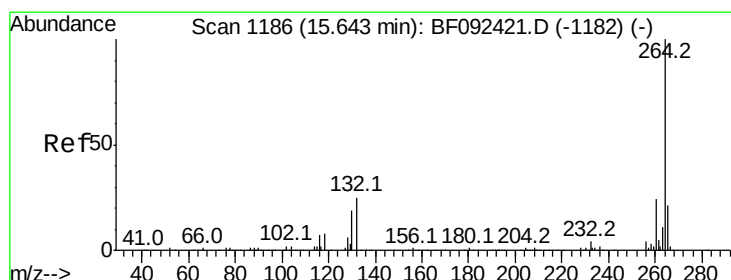
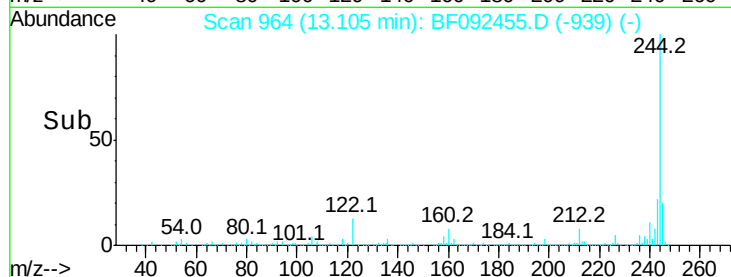
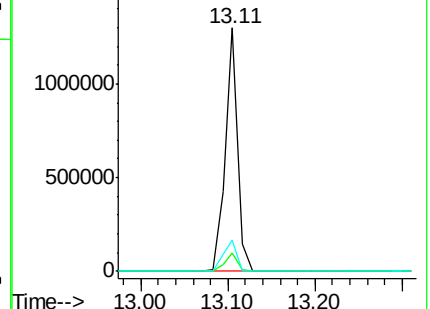
122 12.6 11.4 17.2



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: 15.63 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BF092455.D

Acq: 25 Jan 2017 3:20

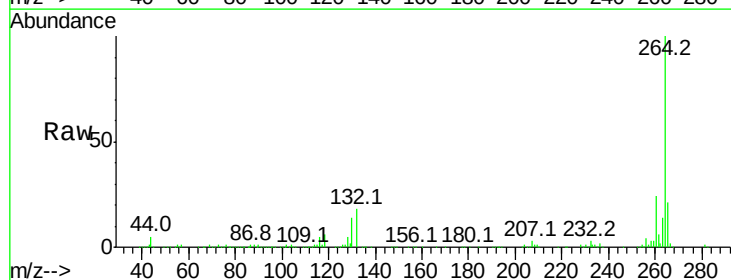
Tgt Ion:264 Resp: 309526

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.2 17.4 26.0



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

