

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022217\
 Data File : BF093090.D
 Acq On : 22 Feb 2017 22:05
 Operator : SJ/MA
 Sample : I1931-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-5

Quant Time: Feb 23 00:39:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

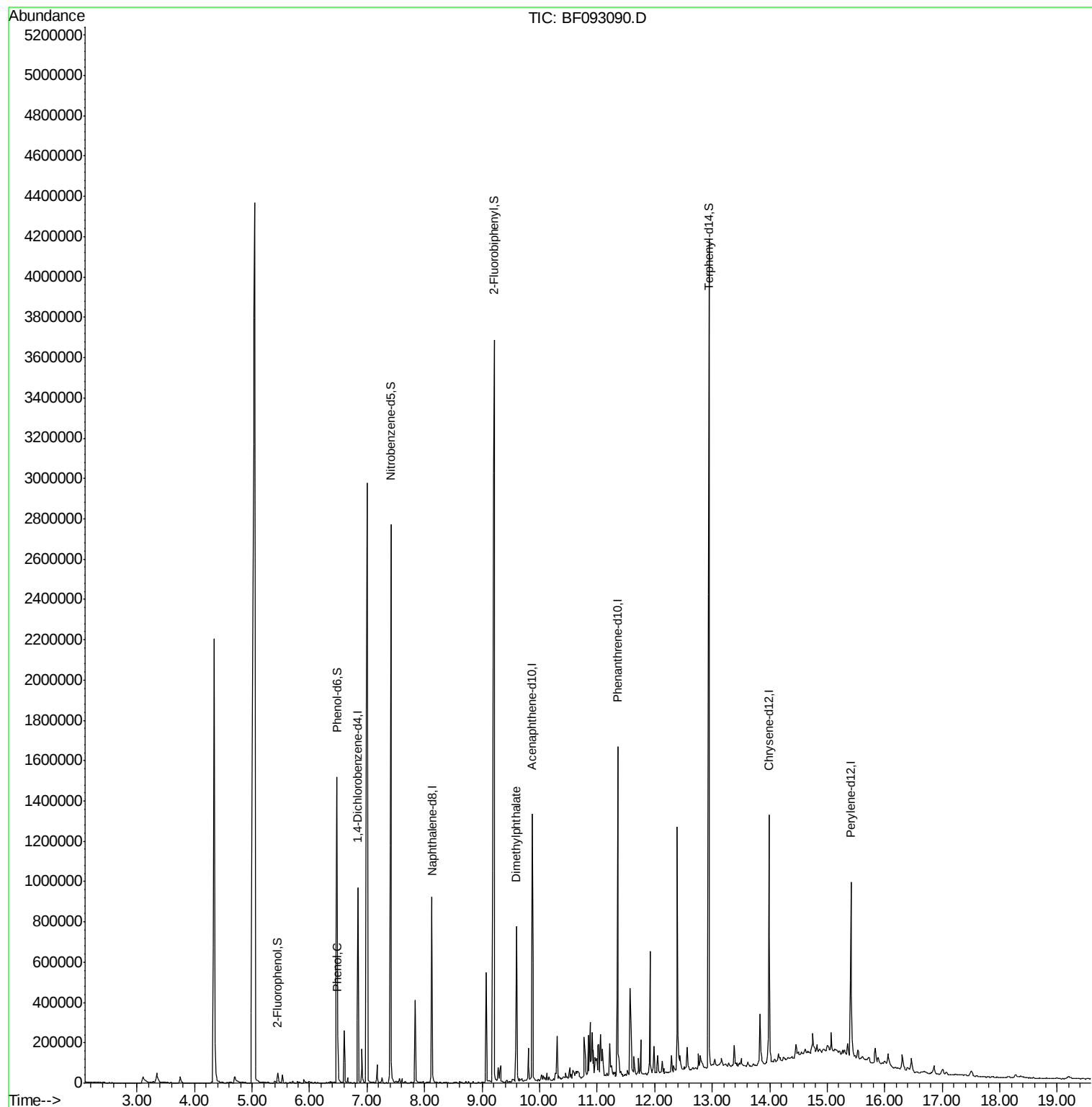
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	154701	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	610524	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	288281	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	582507	20.00	ng	-0.02
75) Chrysene-d12	13.99	240	489296	20.00	ng	-0.03
86) Perylene-d12	15.41	264	367416	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	20685	2.29	ng	0.00
7) Phenol-d6	6.48	99	542342	46.74	ng	-0.01
23) Nitrobenzene-d5	7.41	82	970221	88.50	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.21	172	1702897	107.02	ng	-0.01
78) Terphenyl-d14	12.94	244	1501938	72.13	ng	-0.02
Target Compounds						
10) Phenol	6.49	94	46411	3.42	ng	Qvalue # 70
49) Dimethylphthalate	9.60	163	306435	15.78	ng	100

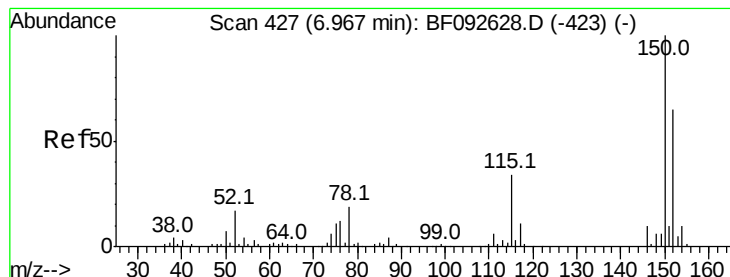
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF093090.D

Acq: 22 Feb 2017 22:05

Instrument :

BNA_F

ClientSampleId :

P-5

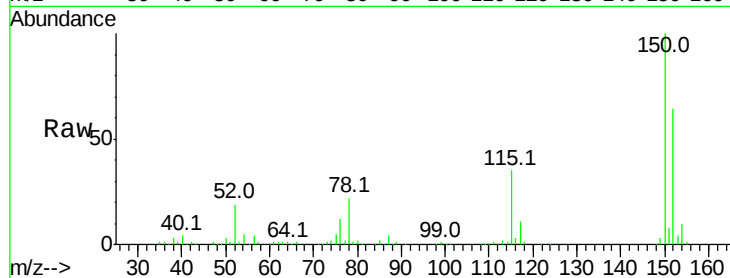
Tot Ion:152 Resp: 154701

Ion Ratio Lower Upper

152 100

150 156.9 124.9 187.3

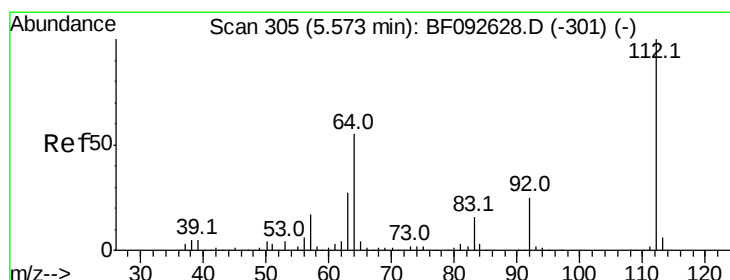
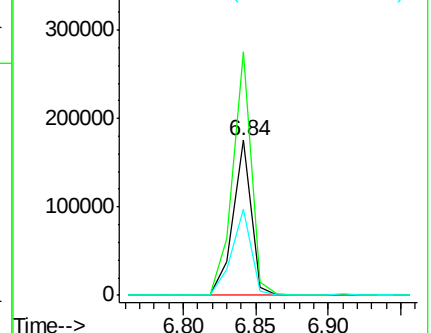
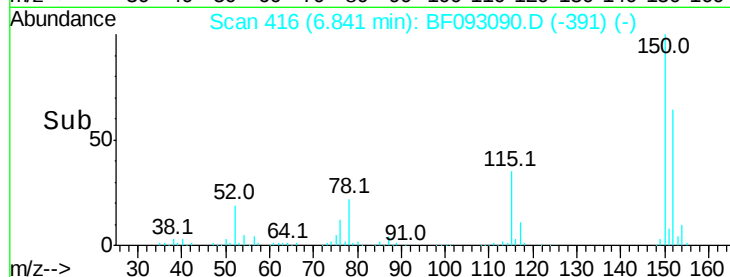
115 55.3 46.0 69.0



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: 2.29 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.00 min

Lab File: BF093090.D

Acq: 22 Feb 2017 22:05

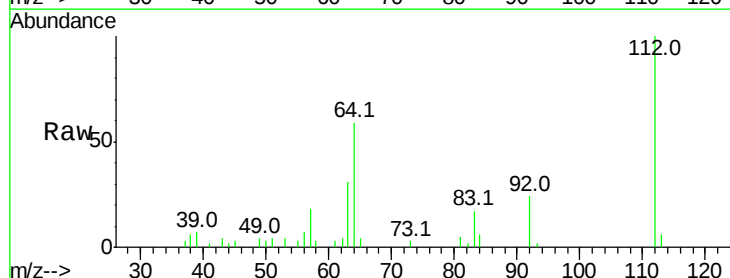
Tgt Ion:112 Resp: 20685

Ion Ratio Lower Upper

112 100

64 58.7 46.1 69.1

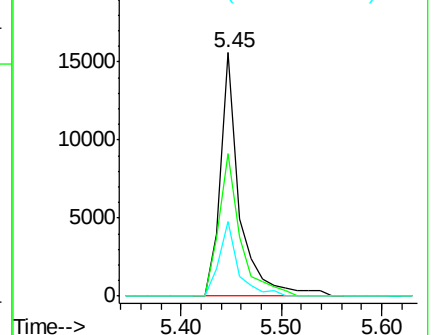
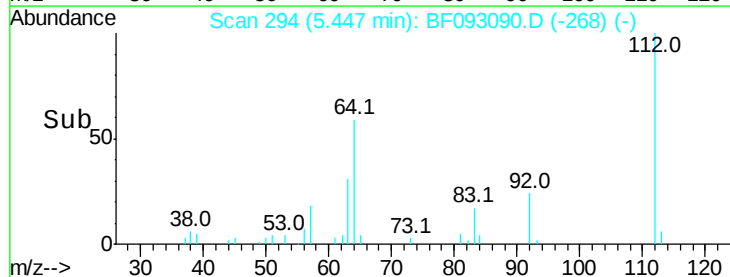
63 30.7 23.8 35.6

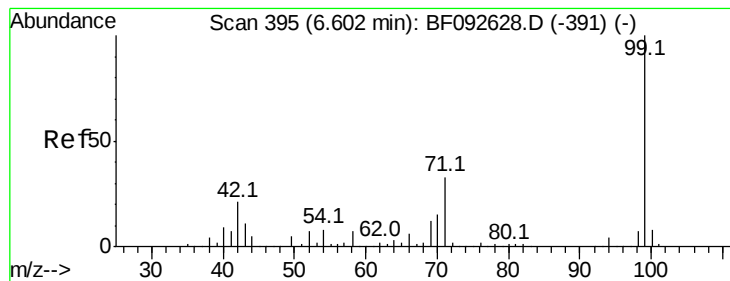


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 46.74 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093090.D

Acq: 22 Feb 2017 22:05

Instrument :

BNA_F

ClientSampleId :

P-5

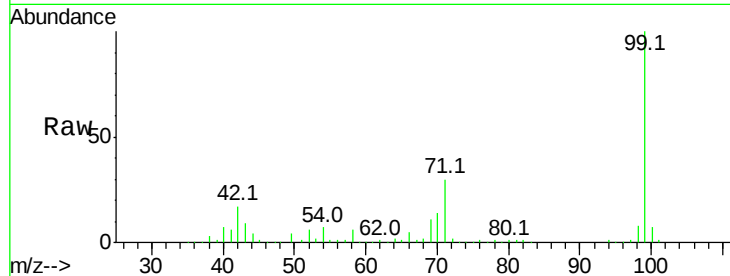
Tot Ion: 99 Resp: 542342

Ion Ratio Lower Upper

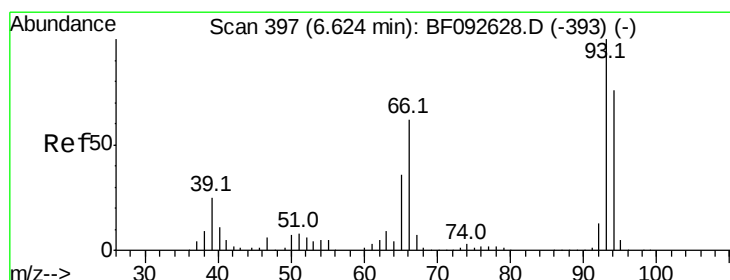
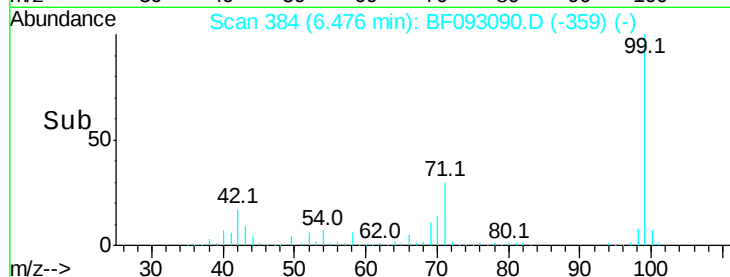
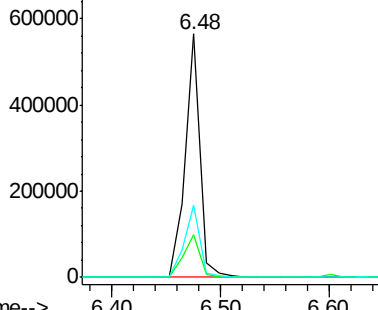
99 100

42 17.3 15.6 23.4

71 29.6 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



#10

Phenol

Concen: 3.42 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF093090.D

Acq: 22 Feb 2017 22:05

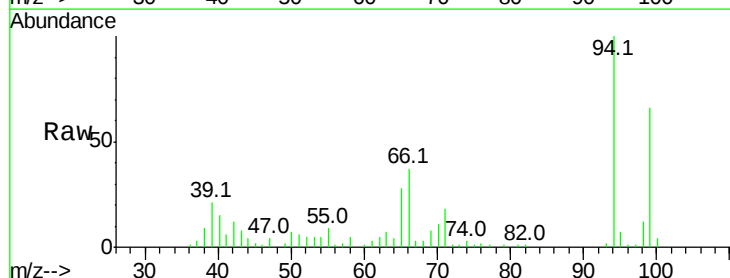
Tgt Ion: 94 Resp: 46411

Ion Ratio Lower Upper

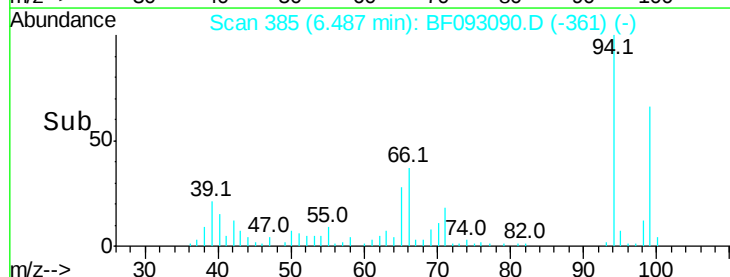
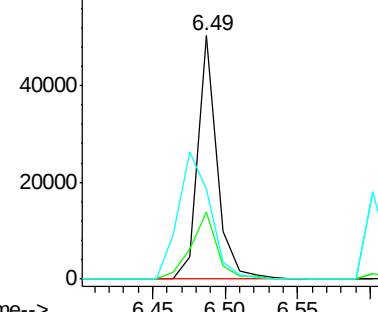
94 100

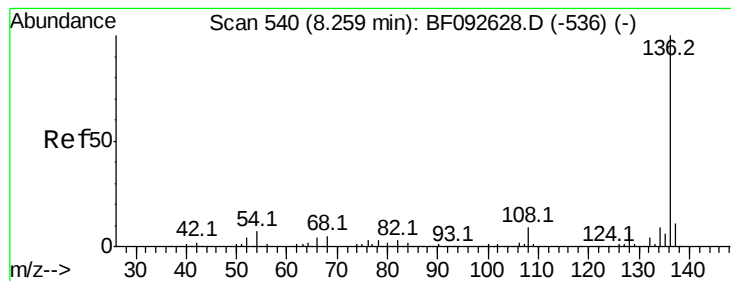
65 27.6 21.4 61.4

66 36.7 44.0 84.0#



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# 529

Delta R.T. -0.01 min

Lab File: BF093090.D

Acq: 22 Feb 2017 22:05

Instrument :

BNA_F

ClientSampleId :

P-5

Tot Ion:136 Resp: 610524

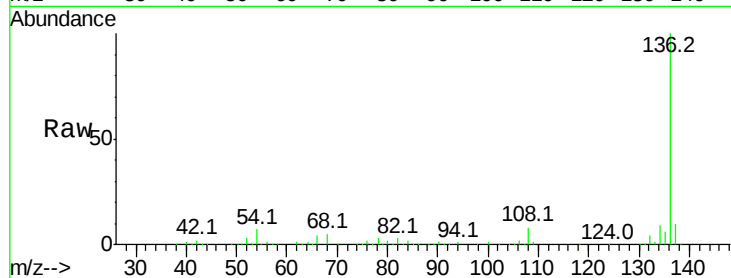
Ion Ratio Lower Upper

136 100

137 10.2 8.4 12.6

54 6.7 4.5 6.7

68 4.9 3.6 5.4

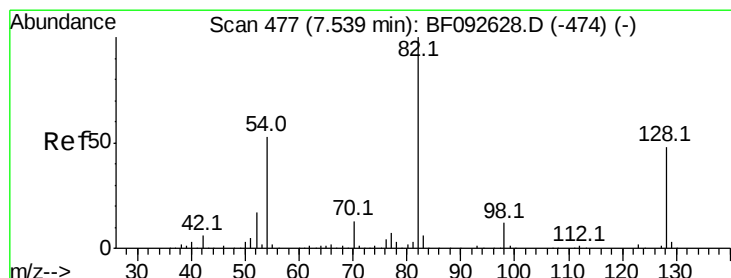
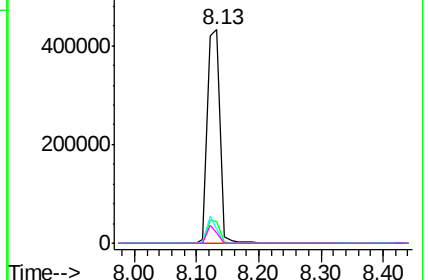
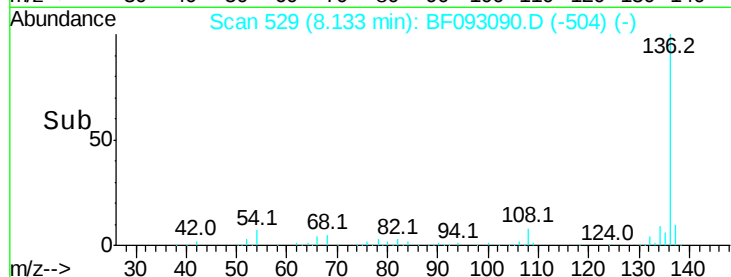


Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.50 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.01 min

Lab File: BF093090.D

Acq: 22 Feb 2017 22:05

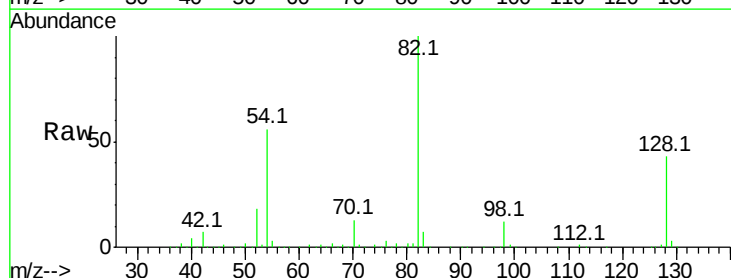
Tgt Ion: 82 Resp: 970221

Ion Ratio Lower Upper

82 100

128 43.2 34.6 52.0

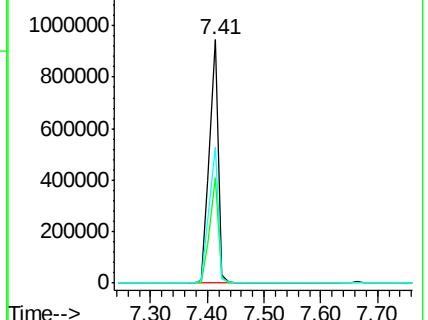
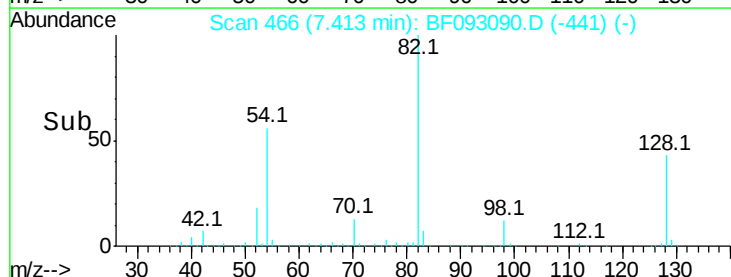
54 56.0 39.5 59.3

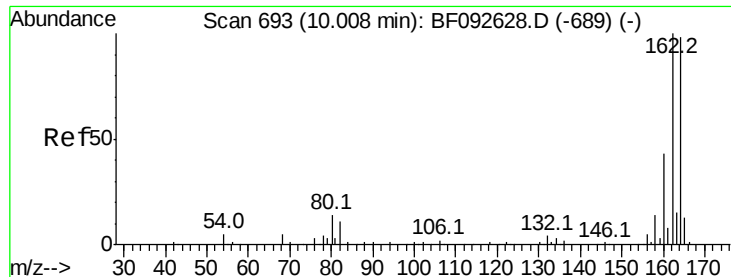


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF093090.D

Acq: 22 Feb 2017 22:05

Instrument :

BNA_F

ClientSampleId :

P-5

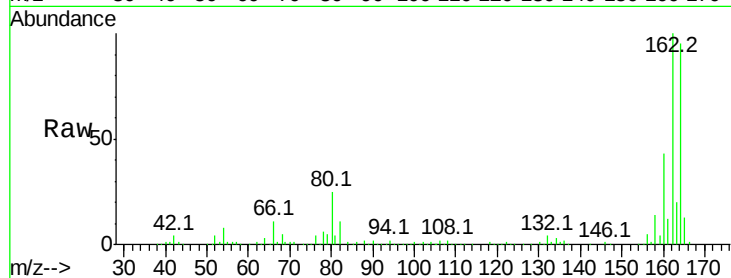
Tot Ion:164 Resp: 288281

Ion Ratio Lower Upper

164 100

162 104.8 80.2 120.2

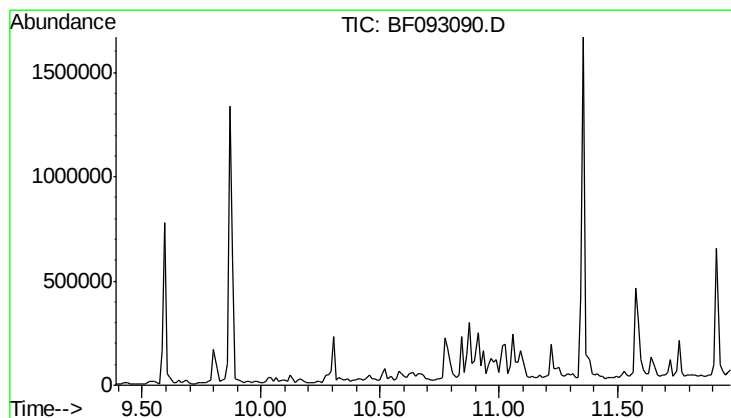
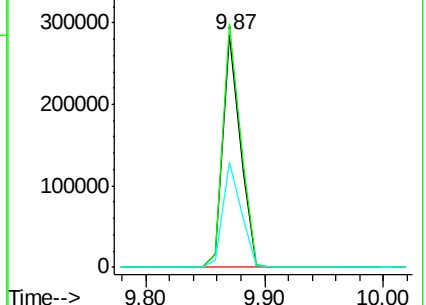
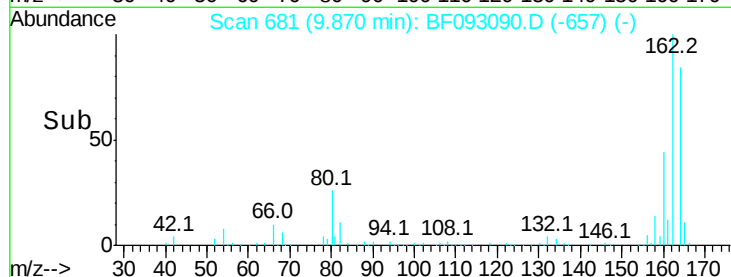
160 45.3 36.9 55.3



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: 0.00 ng

Expected RT: 10.68 min

Lab File: BF093090.D

Acq: 22 Feb 2017 22:05

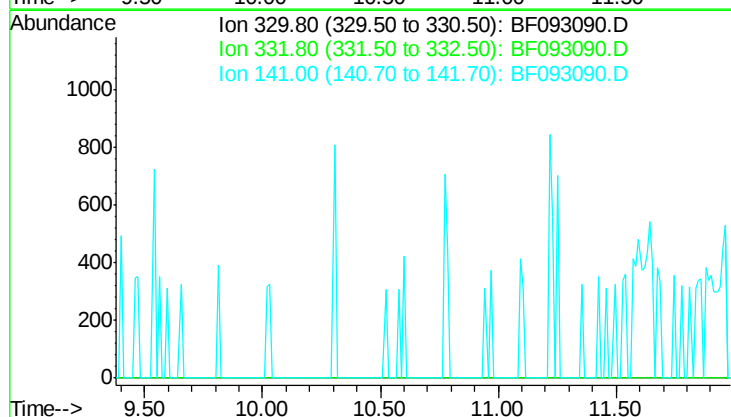
Tgt Ion: 330

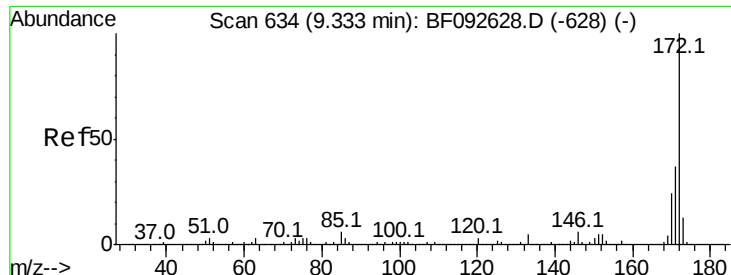
Sig Exp Ratio

330 100

332 96.8

141 42.6



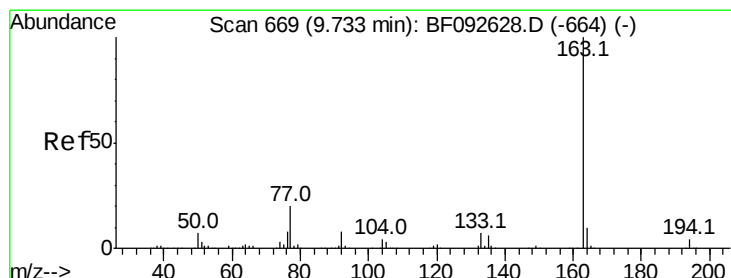
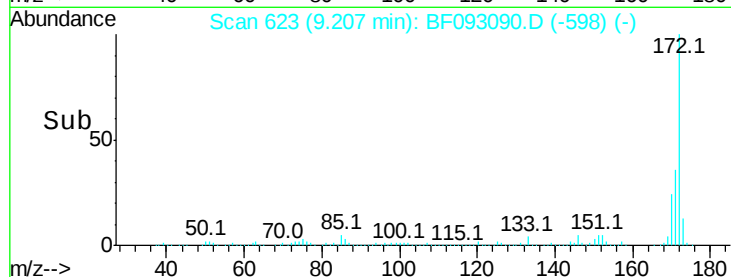
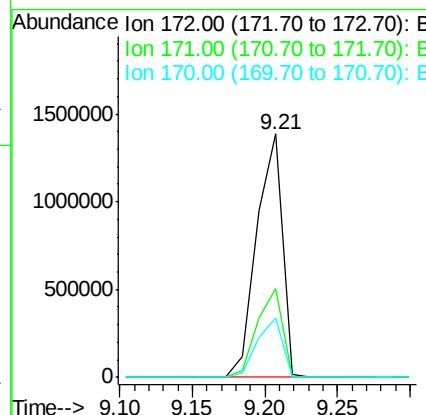
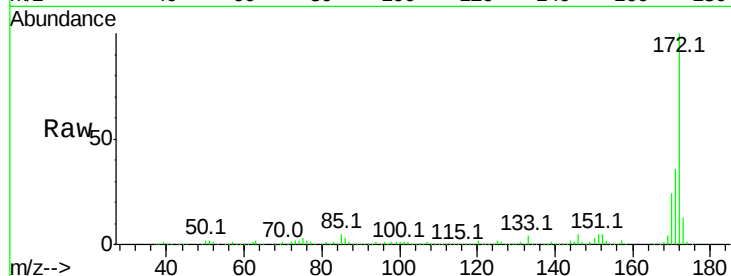


#44
 2-Fluorobiphenyl
 Concen: 107.02 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093090.D
 Acq: 22 Feb 2017 22:05

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion:172 Resp: 1702897

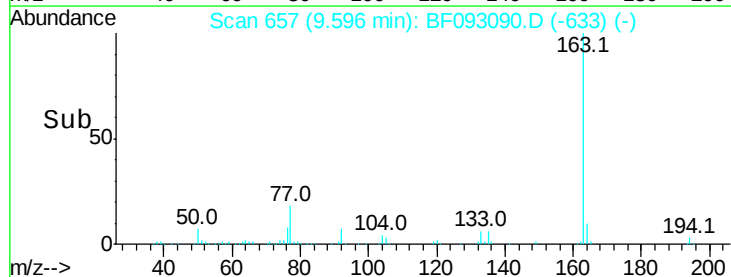
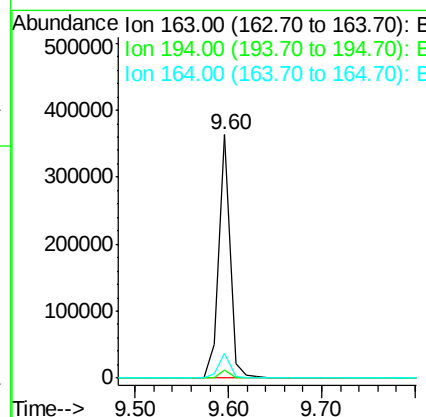
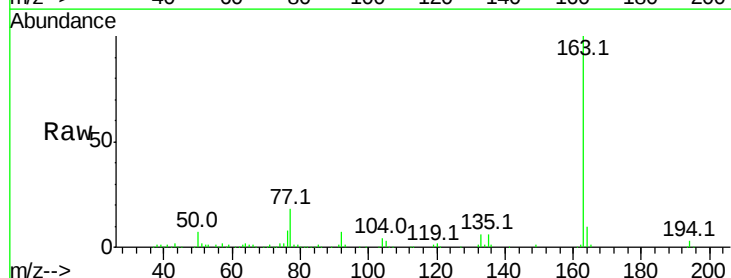
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.3	20.2	30.4

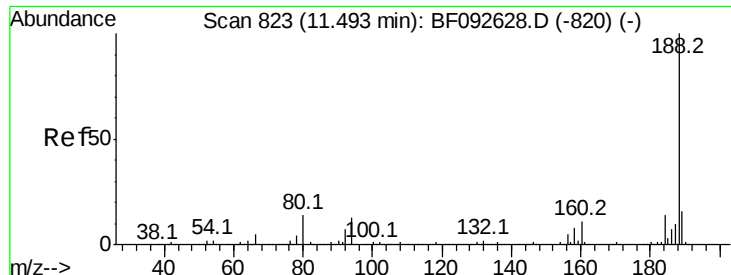


#49
 Dimethylphthalate
 Concen: 15.78 ng
 RT: 9.60 min Scan# 657
 Delta R.T. -0.02 min
 Lab File: BF093090.D
 Acq: 22 Feb 2017 22:05

Tgt Ion:163 Resp: 306435

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.4
164	10.0	8.0	12.0

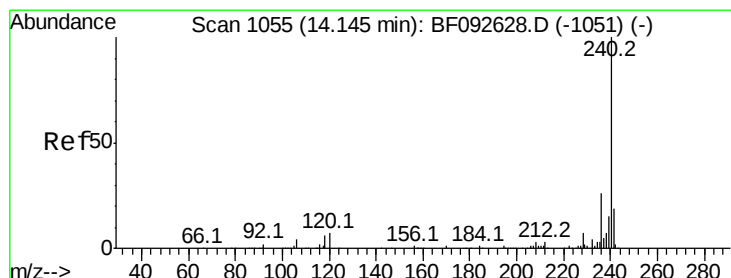
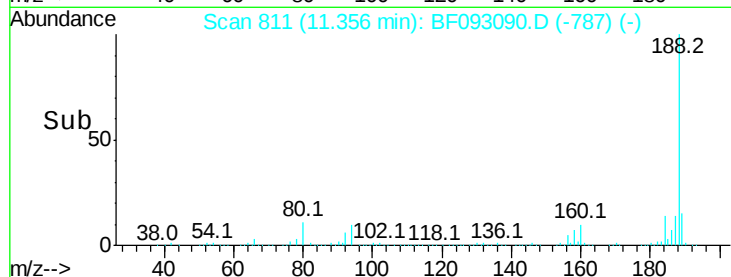
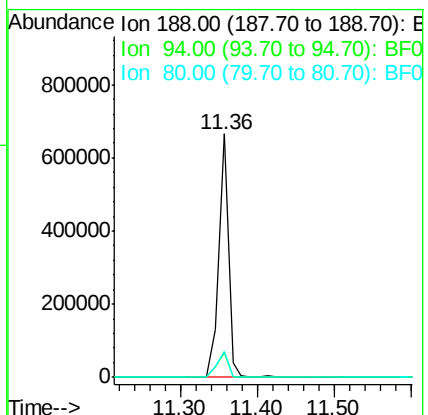
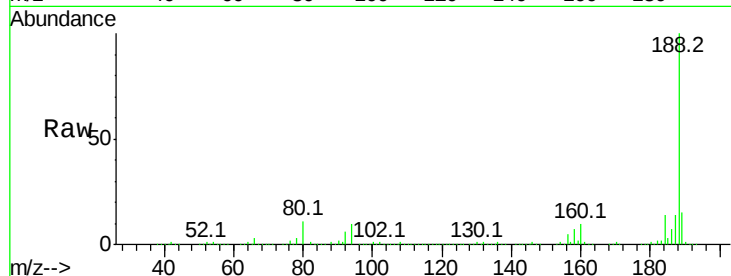




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF093090.D
Acq: 22 Feb 2017 22:05

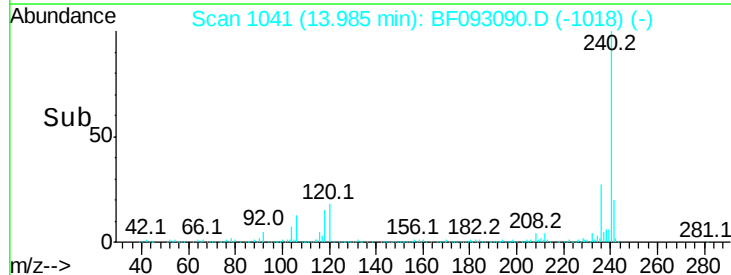
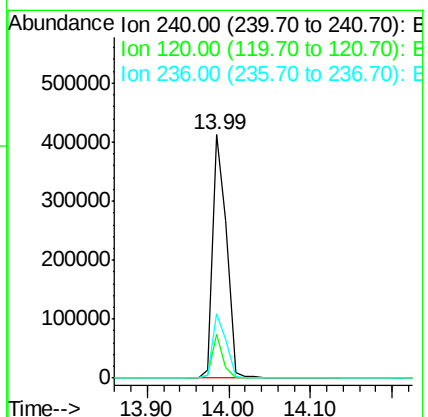
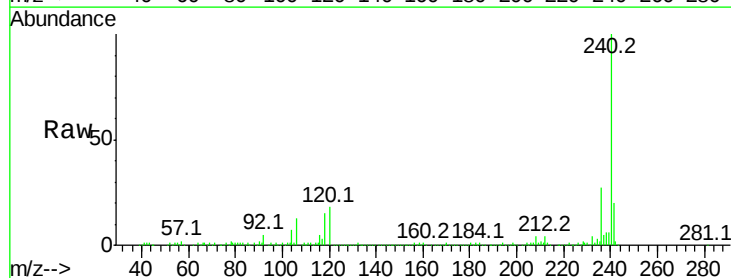
Instrument :
BNA_F
ClientSampleId :
P-5

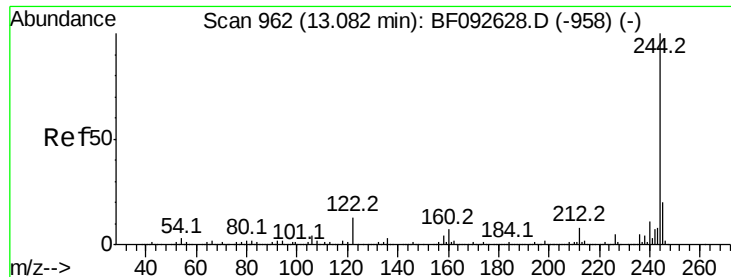
Tot Ion:188 Resp: 582507
Ion Ratio Lower Upper
188 100
94 10.3 10.0 15.0
80 10.5 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.03 min
Lab File: BF093090.D
Acq: 22 Feb 2017 22:05

Tgt Ion:240 Resp: 489296
Ion Ratio Lower Upper
240 100
120 17.9 12.9 19.3
236 26.5 20.9 31.3





#78

Terphenyl-d14

Concen: 72.13 ng

RT: 12.94 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF093090.D

Acq: 22 Feb 2017 22:05

Instrument :

BNA_F

ClientSampleId :

P-5

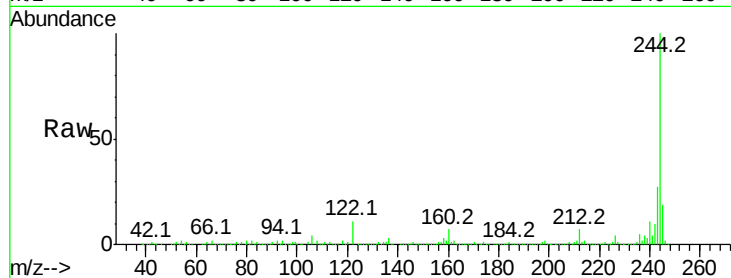
Tot Ion:244 Resp: 1501938

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

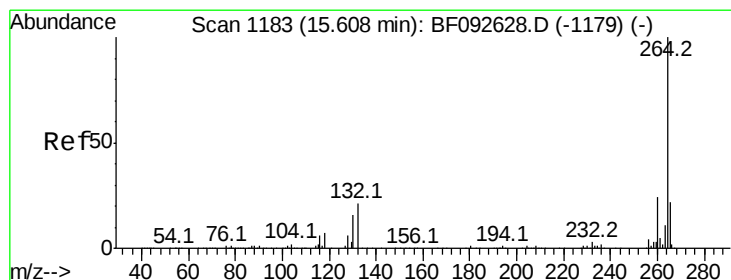
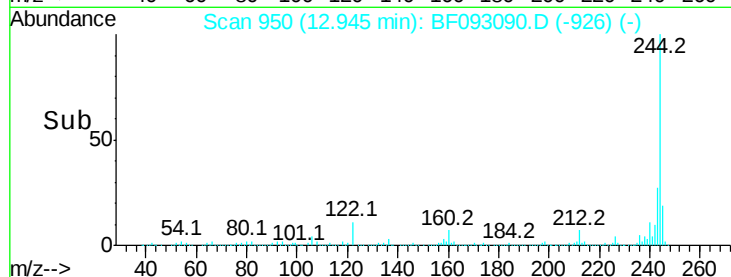
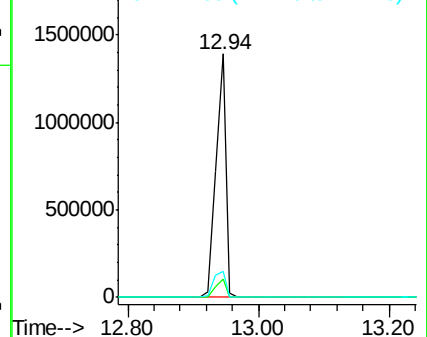
122 10.9 11.4 17.2#



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: 15.41 min Scan# 1166

Delta R.T. -0.03 min

Lab File: BF093090.D

Acq: 22 Feb 2017 22:05

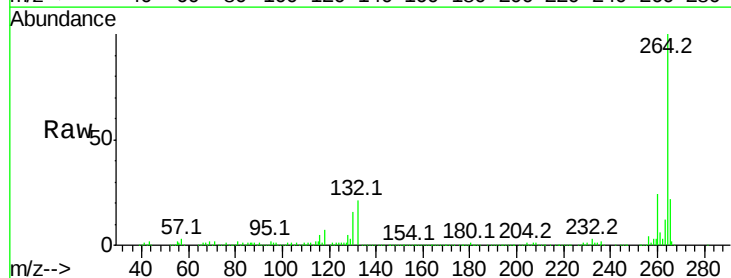
Tgt Ion:264 Resp: 367416

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 22.0 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

