

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020717\
 Data File : BF092824.D
 Acq On : 7 Feb 2017 12:52
 Operator : SJ/MA
 Sample : I1695-10RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2-9RE

Quant Time: Feb 07 15:41:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

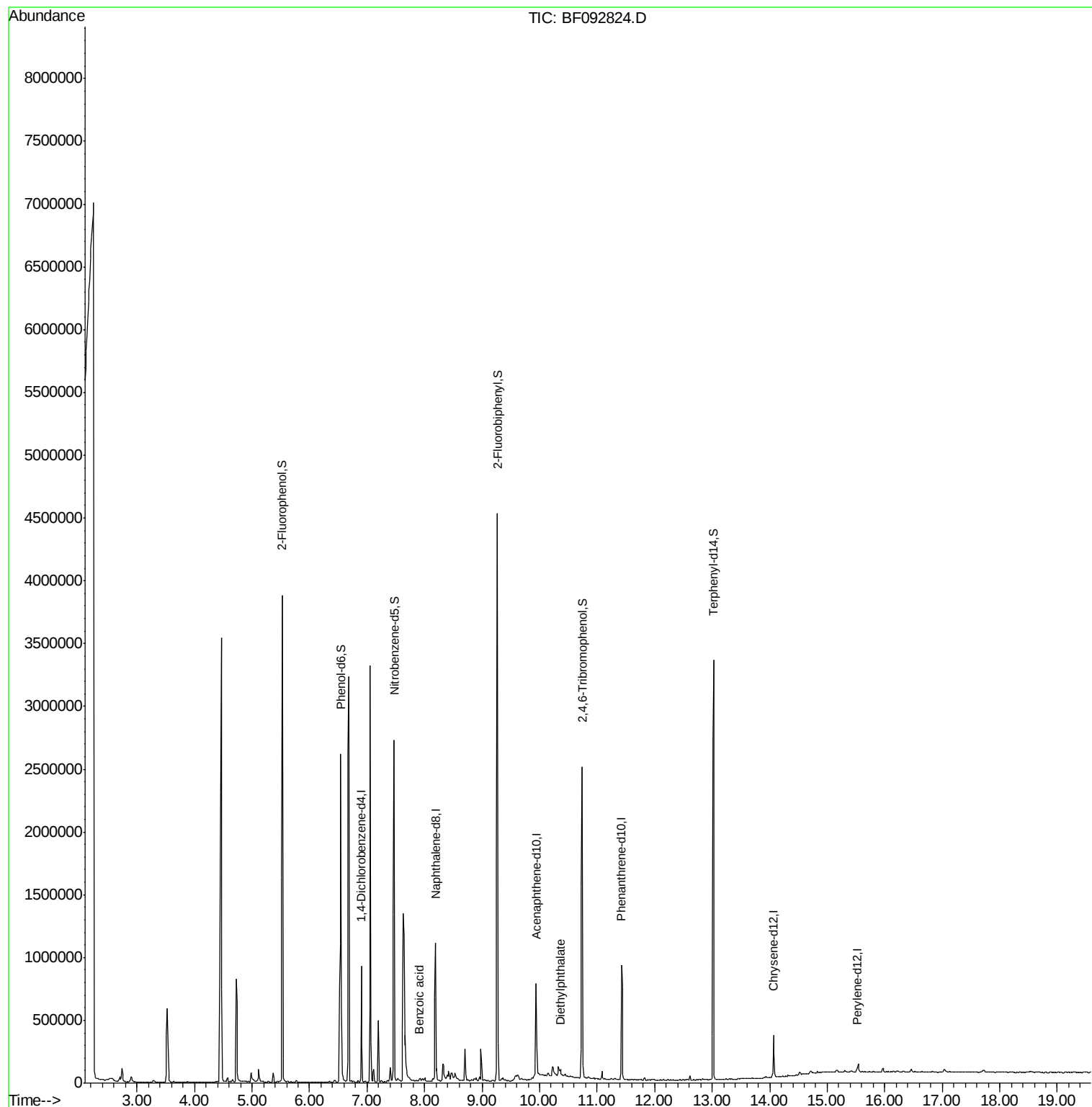
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	141643	20.00	ng	-0.07
21) Naphthalene-d8	8.19	136	576125	20.00	ng	-0.07
38) Acenaphthene-d10	9.94	164	138949	20.00	ng	-0.07
63) Phenanthrene-d10	11.42	188	386293	20.00	ng	-0.07
75) Chrysene-d12	14.07	240	82116	20.00	ng	-0.08
86) Perylene-d12	15.52	264	4257	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1096701	132.84	ng	-0.04
7) Phenol-d6	6.54	99	747287	70.35	ng	-0.06
23) Nitrobenzene-d5	7.47	82	951630	91.98	ng	-0.07
41) 2,4,6-Tribromophenol	10.74	330	350967	349.23	ng	-0.07
44) 2-Fluorobiphenyl	9.26	172	1532052	199.75	ng	-0.07
78) Terphenyl-d14	13.02	244	1134070	324.50	ng	-0.06
Target Compounds						
32) Benzoic acid	7.90	122	3189	7.71	ng	Qvalue 89
59) Diethylphthalate	10.36	149	22604	2.56	ng	# 87

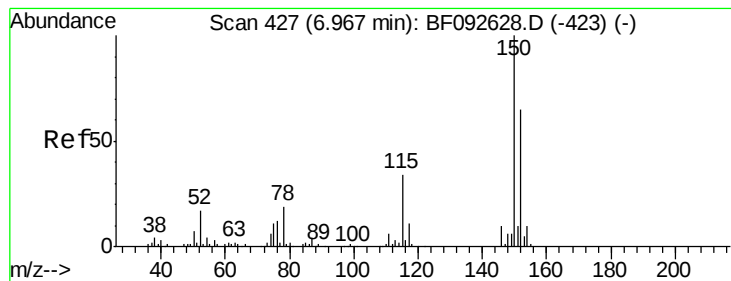
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.07 min

Lab File: BF092824.D

Acq: 7 Feb 2017 12:52

Instrument :

BNA_F

ClientSampleId :

B2-9RE

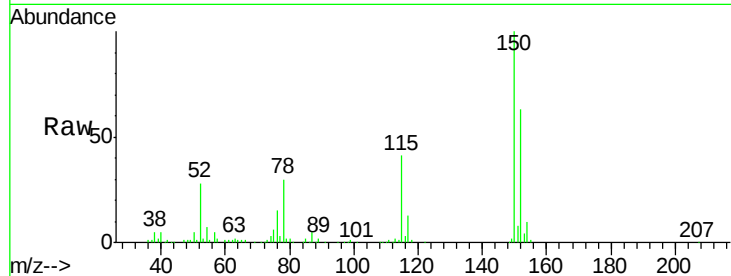
Tot Ion:152 Resp: 141643

Ion Ratio Lower Upper

152 100

150 159.9 124.9 187.3

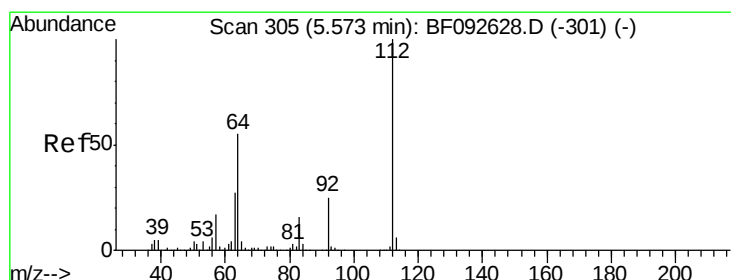
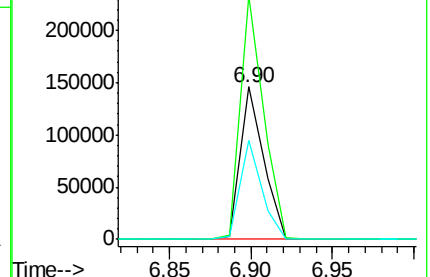
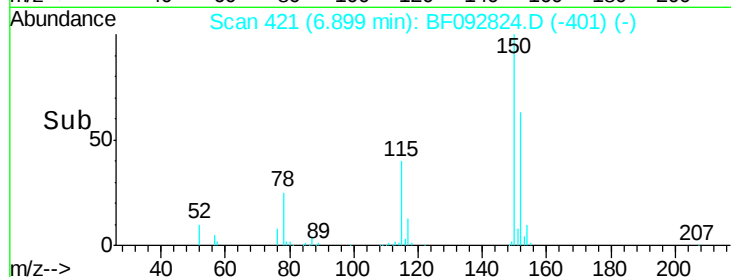
115 65.0 46.0 69.0



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: 132.84 ng

RT: 5.53 min Scan# 301

Delta R.T. -0.04 min

Lab File: BF092824.D

Acq: 7 Feb 2017 12:52

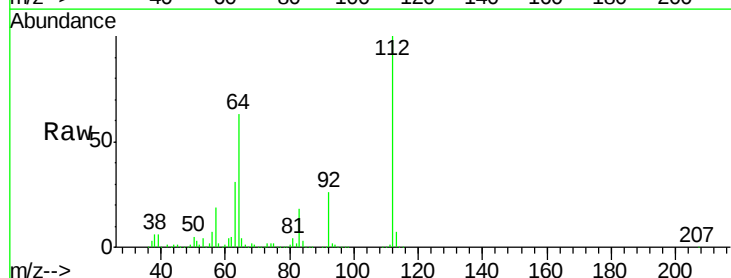
Tgt Ion:112 Resp: 1096701

Ion Ratio Lower Upper

112 100

64 62.6 46.1 69.1

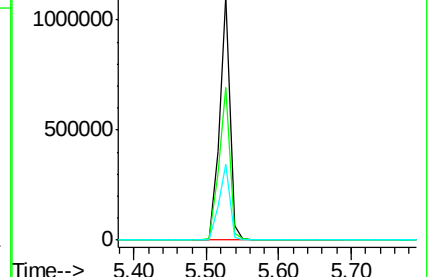
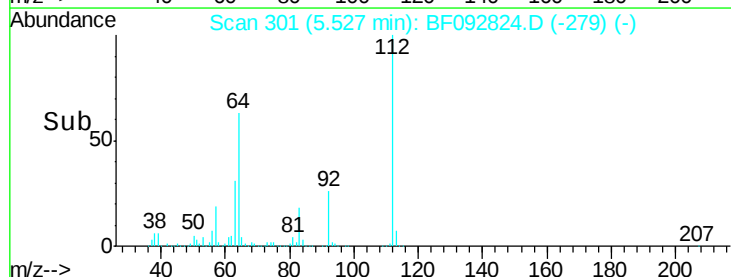
63 31.4 23.8 35.6

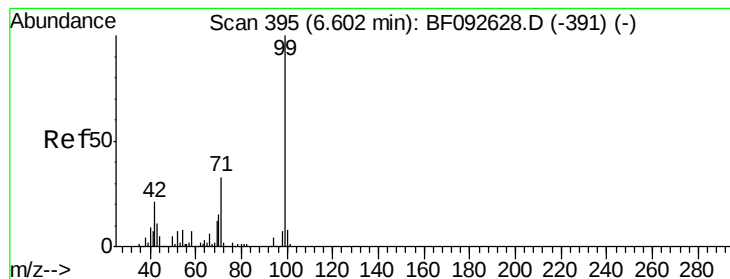


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 70.35 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.06 min

Lab File: BF092824.D

Acq: 7 Feb 2017 12:52

Instrument :

BNA_F

ClientSampleId :

B2-9RE

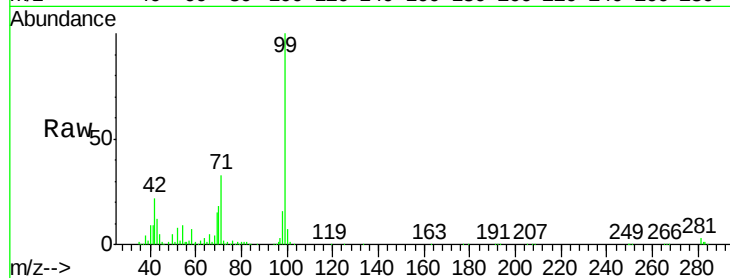
Tot Ion: 99 Resp: 747287

Ion Ratio Lower Upper

99 100

42 21.8 15.6 23.4

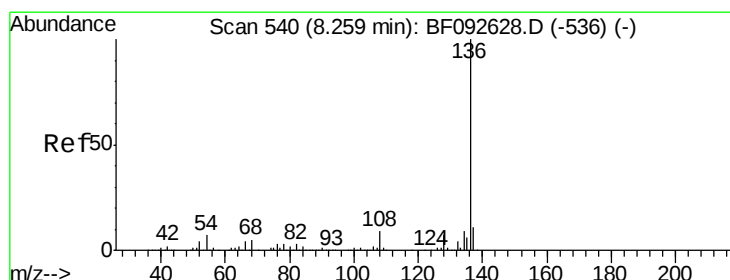
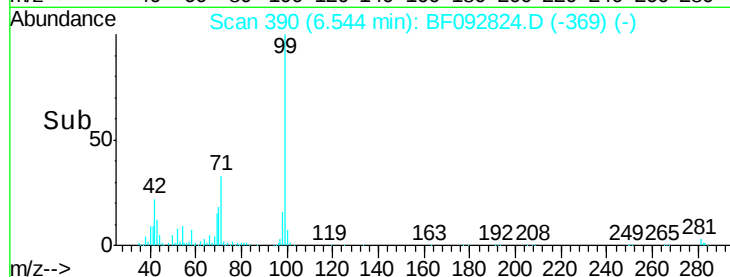
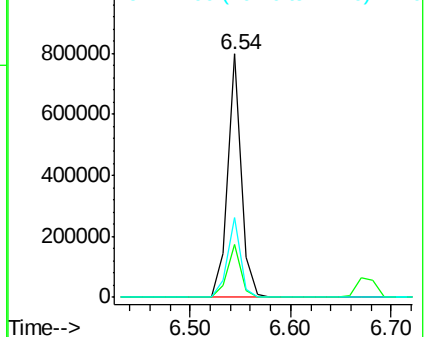
71 32.9 27.5 41.3



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: 8.19 min Scan# 534

Delta R.T. -0.07 min

Lab File: BF092824.D

Acq: 7 Feb 2017 12:52

Tgt Ion: 136 Resp: 576125

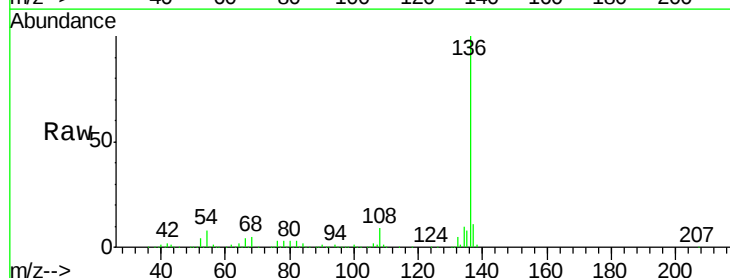
Ion Ratio Lower Upper

136 100

137 10.7 8.4 12.6

54 7.6 4.5 6.7#

68 5.4 3.6 5.4#

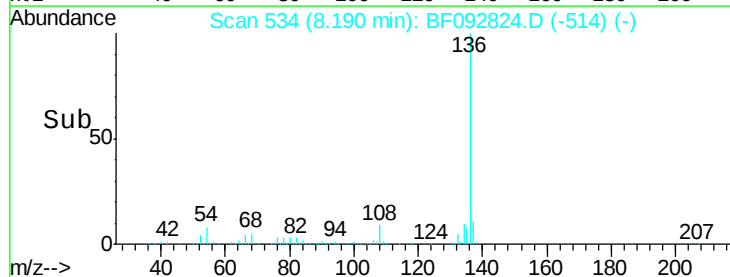
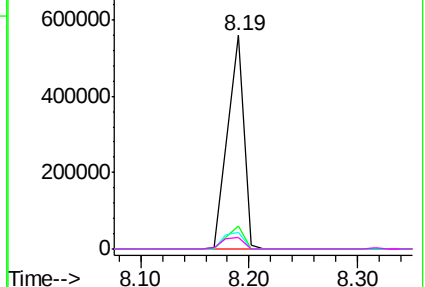


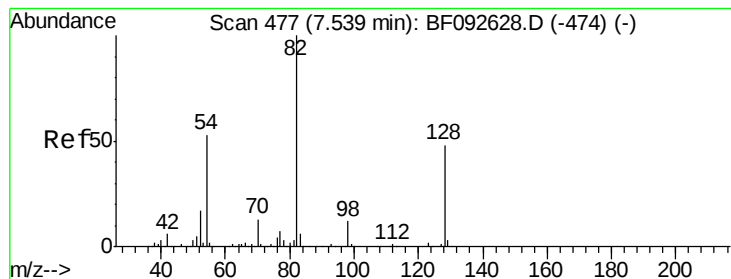
Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.98 ng

RT: 7.47 min Scan# 471

Delta R.T. -0.07 min

Lab File: BF092824.D

Acq: 7 Feb 2017 12:52

Instrument :

BNA_F

ClientSampleId :

B2-9RE

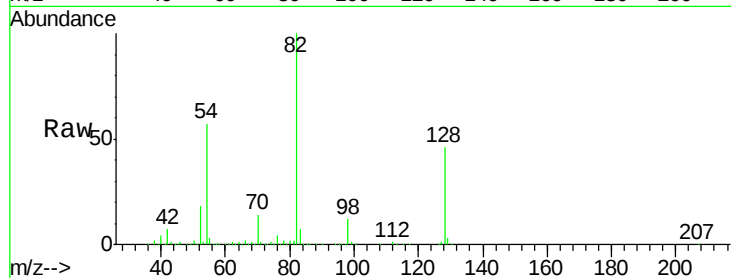
Tot Ion: 82 Resp: 951630

Ion Ratio Lower Upper

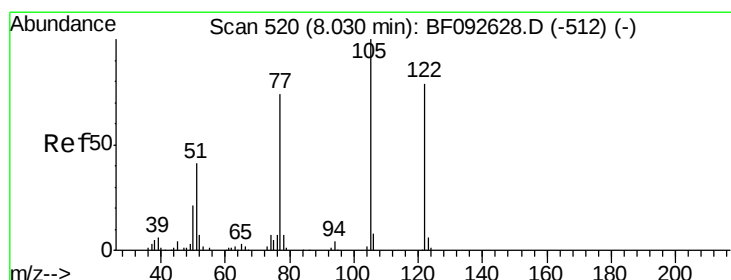
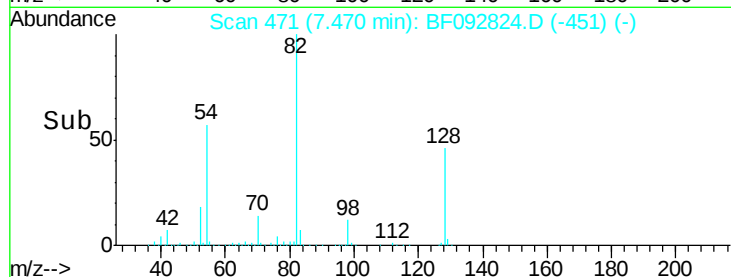
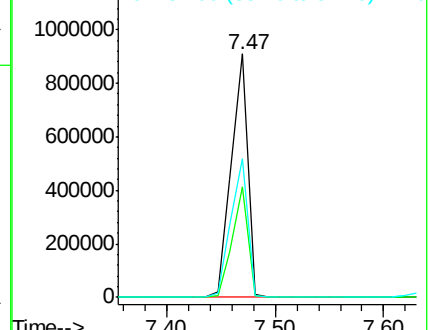
82 100

128 45.6 34.6 52.0

54 56.8 39.5 59.3



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



#32

Benzoic acid

Concen: 7.71 ng

RT: 7.90 min Scan# 509

Delta R.T. -0.13 min

Lab File: BF092824.D

Acq: 7 Feb 2017 12:52

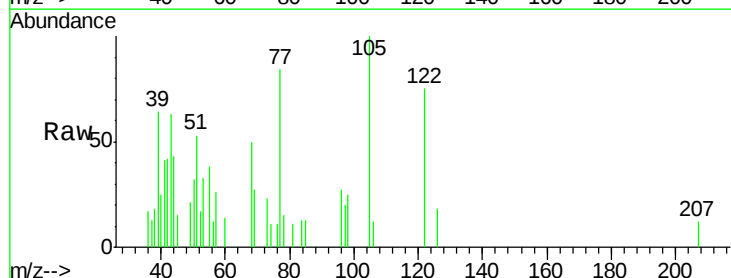
Tgt Ion:122 Resp: 3189

Ion Ratio Lower Upper

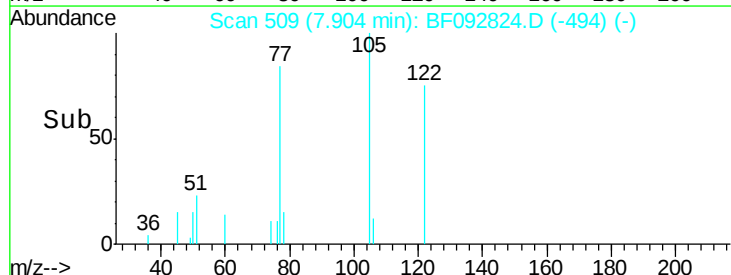
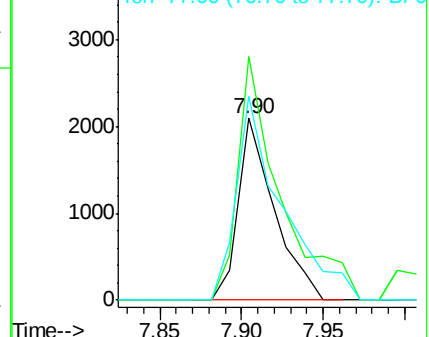
122 100

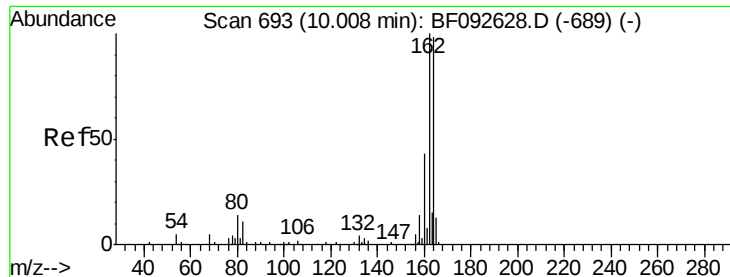
105 133.8 107.2 147.2

77 111.9 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): B
Ion 105.00 (104.70 to 105.70): B
Ion 77.00 (76.70 to 77.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.07 min

Lab File: BF092824.D

Acq: 7 Feb 2017 12:52

Instrument :

BNA_F

ClientSampleId :

B2-9RE

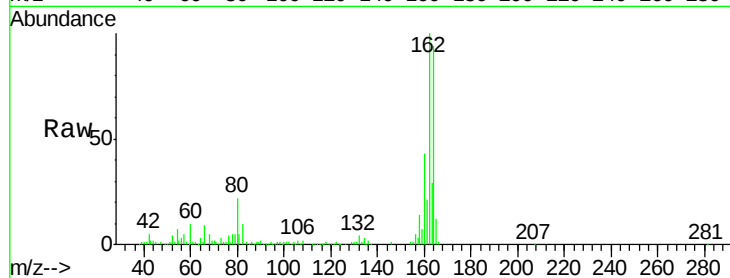
Tot Ion:164 Resp: 138949

Ion Ratio Lower Upper

164 100

162 106.0 80.2 120.2

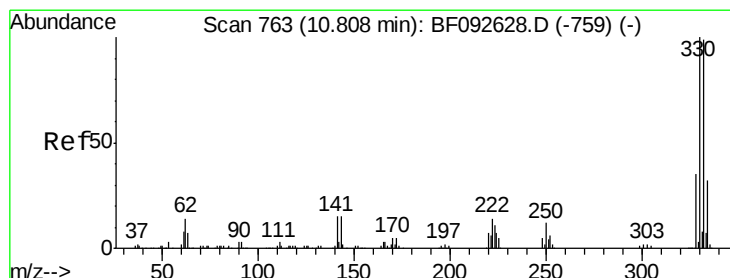
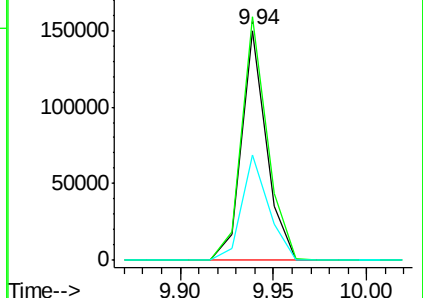
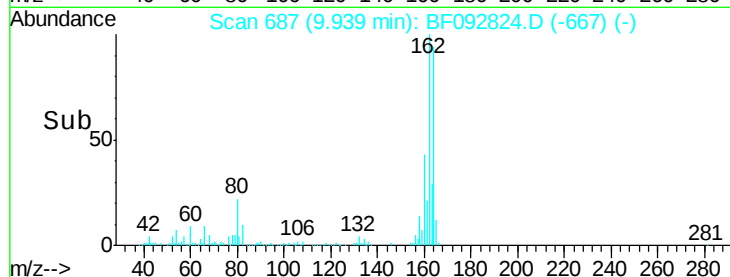
160 45.8 36.9 55.3



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: 349.23 ng

RT: 10.74 min Scan# 757

Delta R.T. -0.07 min

Lab File: BF092824.D

Acq: 7 Feb 2017 12:52

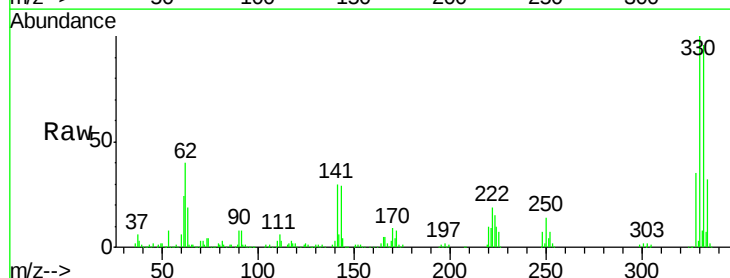
Tgt Ion:330 Resp: 350967

Ion Ratio Lower Upper

330 100

332 95.3 77.4 116.2

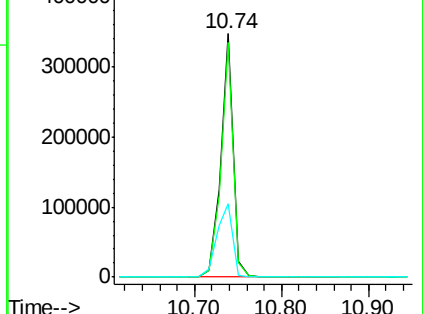
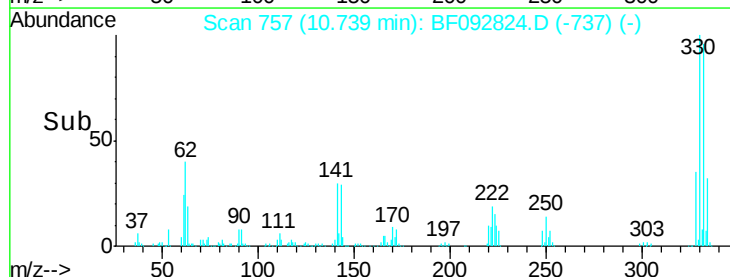
141 37.8 34.1 51.1

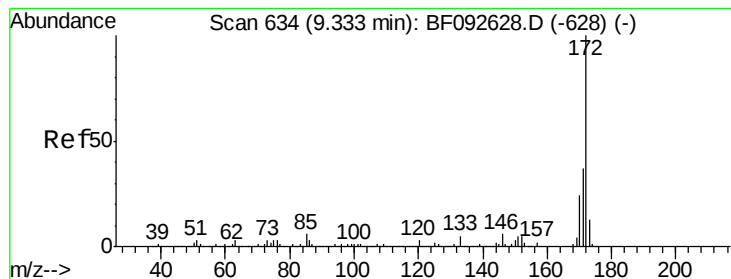


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 199.75 ng

RT: 9.26 min Scan# 628

Delta R.T. -0.07 min

Lab File: BF092824.D

Acq: 7 Feb 2017 12:52

Instrument :

BNA_F

ClientSampleId :

B2-9RE

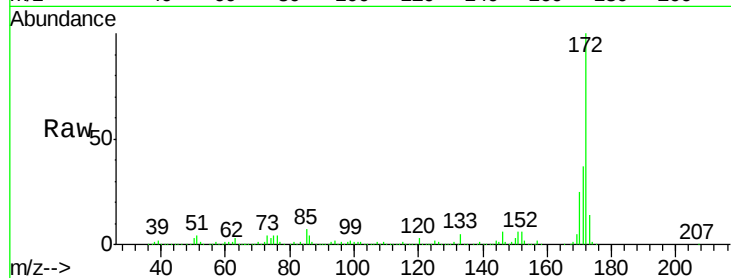
Tot Ion:172 Resp: 1532052

Ion Ratio Lower Upper

172 100

171 36.7 29.4 44.0

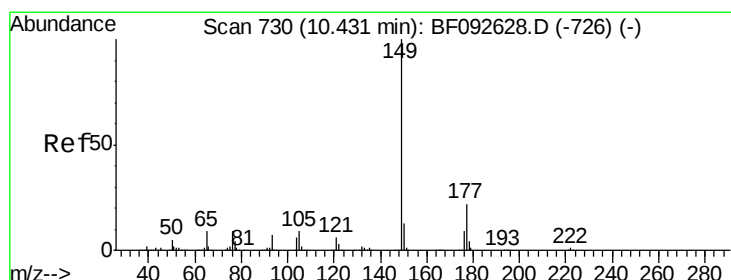
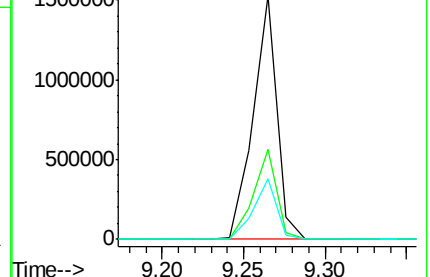
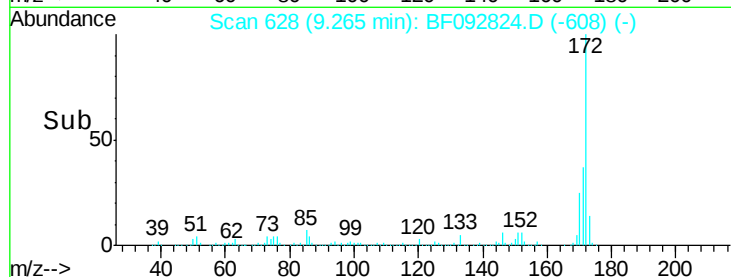
170 24.7 20.2 30.4



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



#59

Diethylphthalate

Concen: 2.56 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.07 min

Lab File: BF092824.D

Acq: 7 Feb 2017 12:52

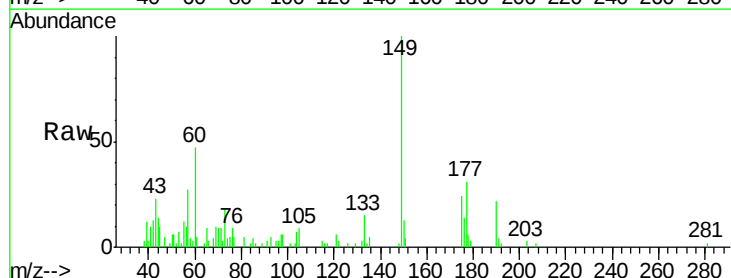
Tgt Ion:149 Resp: 22604

Ion Ratio Lower Upper

149 100

177 30.6 16.6 25.0#

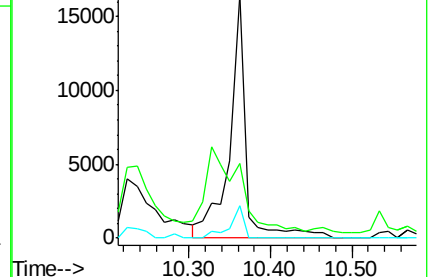
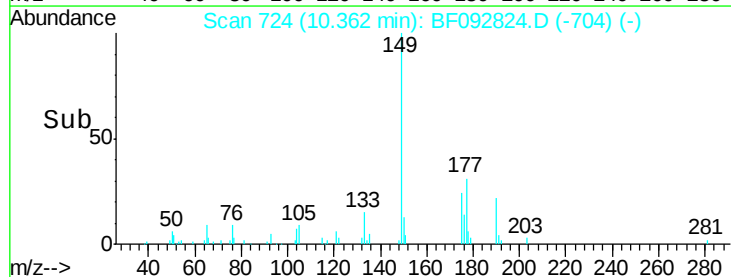
150 13.1 10.4 15.6

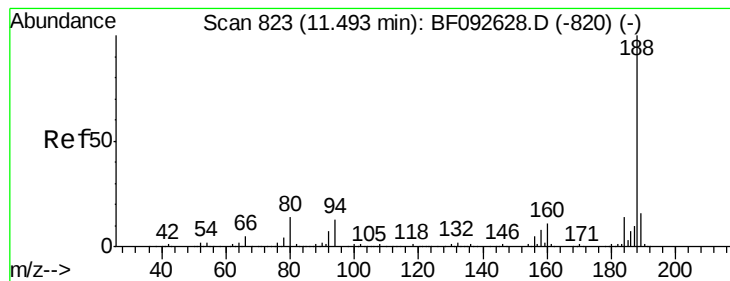


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 817

Delta R.T. -0.07 min

Lab File: BF092824.D

Acq: 7 Feb 2017 12:52

Instrument :

BNA_F

ClientSampleId :

B2-9RE

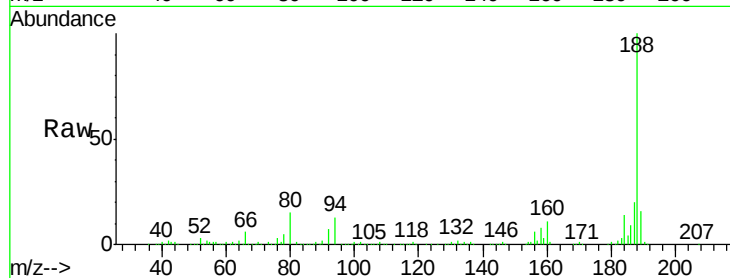
Tot Ion:188 Resp: 386293

Ion Ratio Lower Upper

188 100

94 13.4 10.0 15.0

80 15.1 11.2 16.8



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

11.42

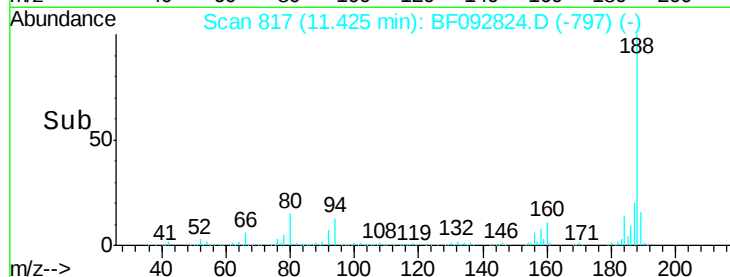
300000

200000

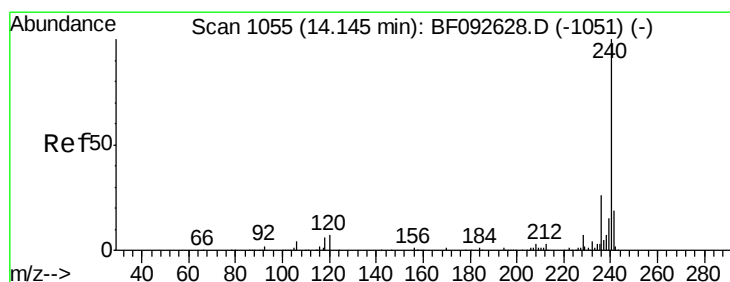
100000

0

11.40 11.50



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1048

Delta R.T. -0.08 min

Lab File: BF092824.D

Acq: 7 Feb 2017 12:52

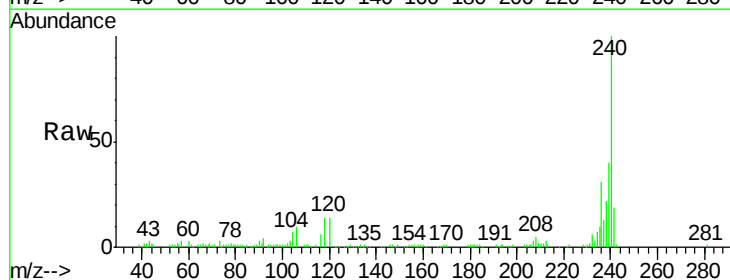
Tgt Ion:240 Resp: 82116

Ion Ratio Lower Upper

240 100

120 14.1 12.9 19.3

236 30.6 20.9 31.3



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

14.07

120000

100000

80000

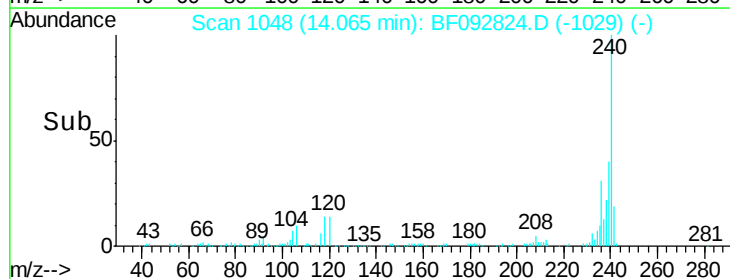
60000

40000

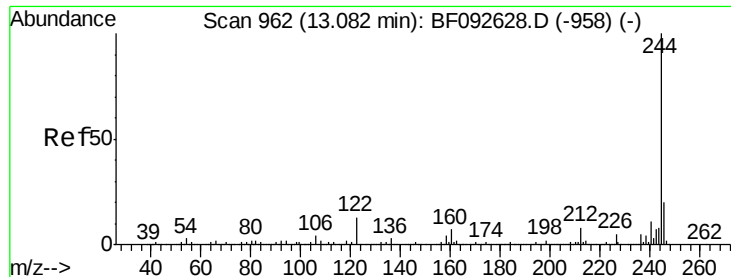
20000

0

14.00 14.05 14.10 14.15



Time-->



#78

Terphenyl-d14

Concen: 324.50 ng

RT: 13.02 min Scan# 957

Delta R.T. -0.06 min

Lab File: BF092824.D

Acq: 7 Feb 2017 12:52

Instrument :

BNA_F

ClientSampled :

B2-9RE

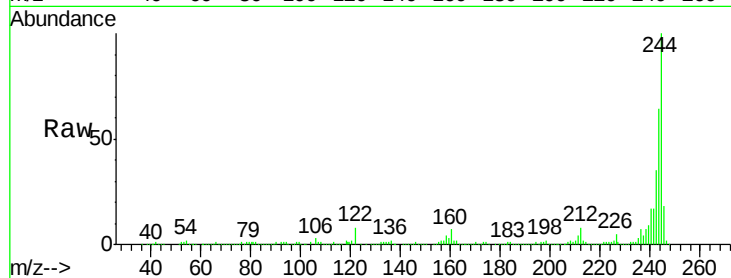
Tot Ion:244 Resp: 1134070

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

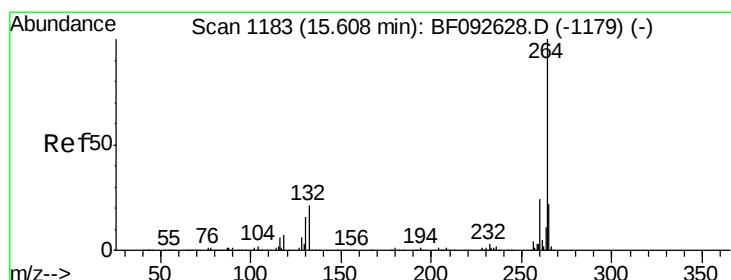
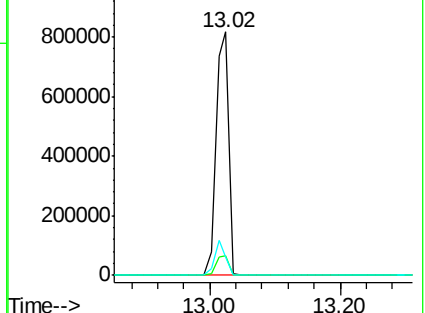
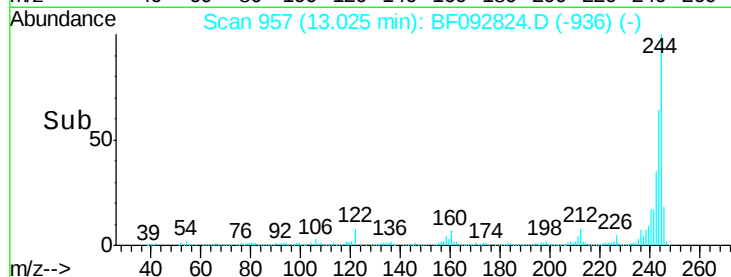
122 7.5 11.4 17.2#



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: 15.52 min Scan# 1175

Delta R.T. -0.09 min

Lab File: BF092824.D

Acq: 7 Feb 2017 12:52

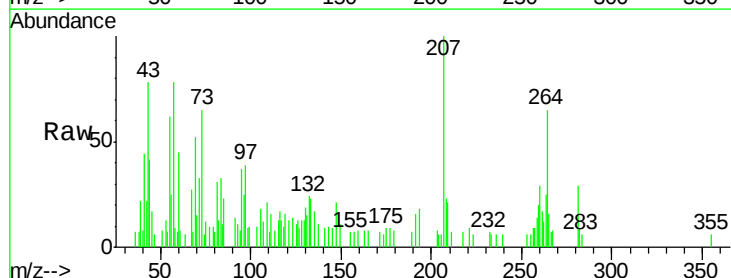
Tgt Ion:264 Resp: 4257

Ion Ratio Lower Upper

264 100

260 45.0 19.2 28.8#

265 24.5 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

