

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
 Data File : BF088407.D
 Acq On : 26 Jun 2016 7:58
 Operator : UM/SJ
 Sample : H3602-13
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Q8-B5(0-16)C

Quant Time: Jun 27 04:27:14 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

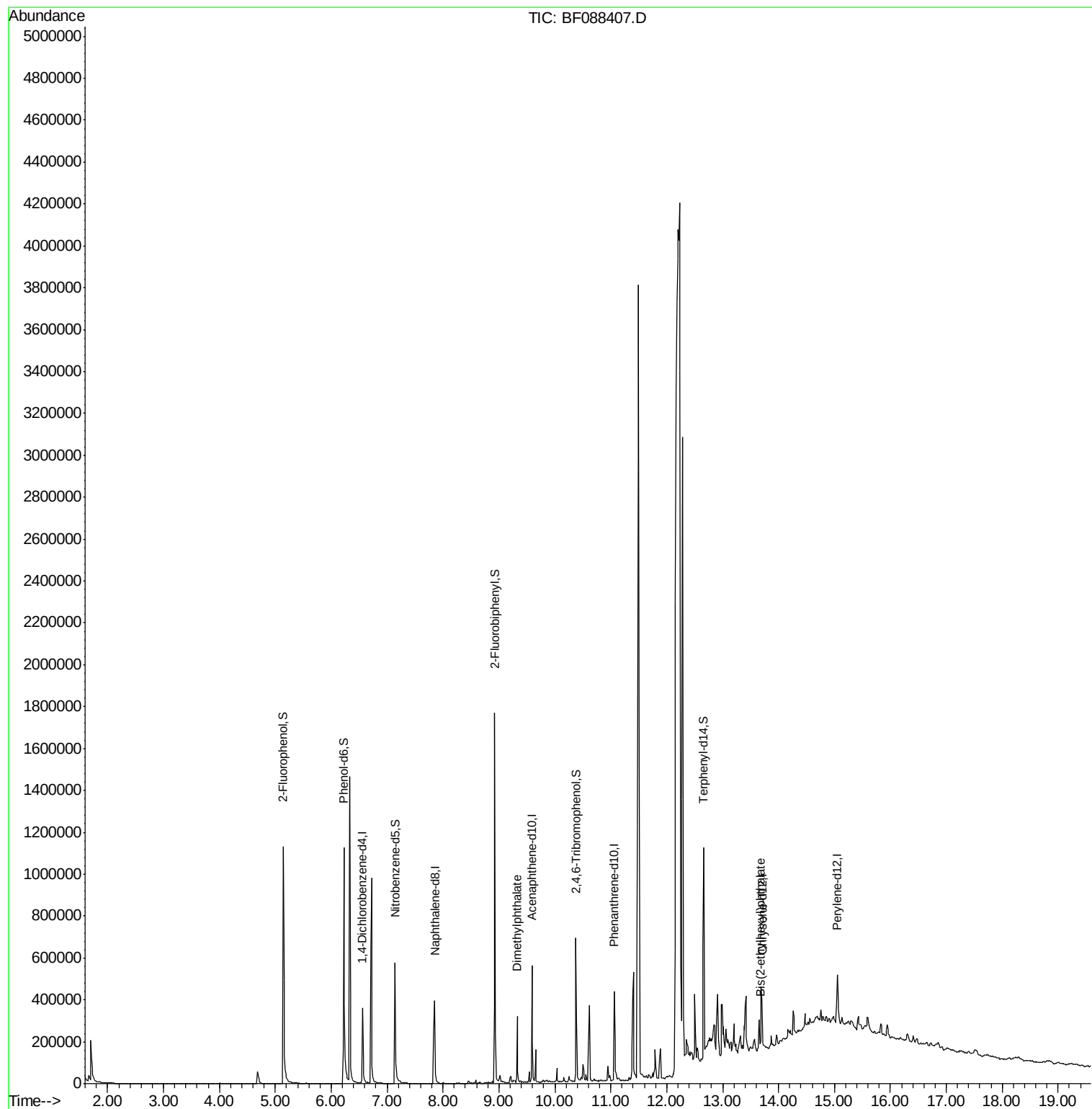
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	73548	20.00	ng	-0.05
21) Naphthalene-d8	7.85	136	277230	20.00	ng	-0.05
38) Acenaphthene-d10	9.59	164	118728	20.00	ng	-0.06
63) Phenanthrene-d10	11.06	188	191549	20.00	ng	-0.06
75) Chrysene-d12	13.70	240	150831	20.00	ng	-0.05
86) Perylene-d12	15.05	264	109540	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	454758	105.70	ng	-0.03
7) Phenol-d6	6.23	99	545664	104.66	ng	-0.03
23) Nitrobenzene-d5	7.14	82	347665	73.23	ng	-0.03
41) 2,4,6-Tribromophenol	10.38	330	97790	78.00	ng	-0.06
44) 2-Fluorobiphenyl	8.92	172	600397	79.05	ng	-0.05
78) Terphenyl-d14	12.66	244	406048	61.26	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	9.32	163	127291	14.80	ng	99
83) Bis(2-ethylhexyl)phthalate	13.68	149	17672	2.93	ng	# 92

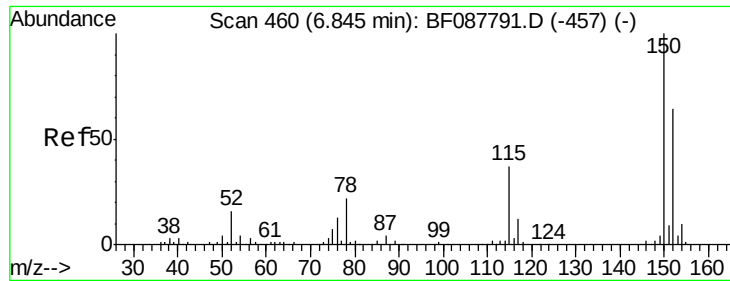
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 22 14:55:14 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 435

Delta R.T. -0.05 min

Lab File: BF088407.D

Acq: 26 Jun 2016 7:58

Instrument :

BNA_F

ClientSampleId :

Q8-B5(0-16)C

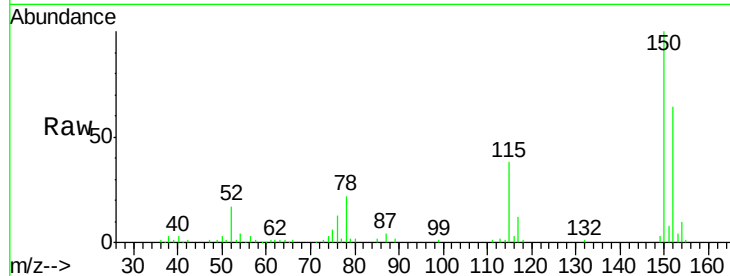
Tot Ion:152 Resp: 73548

Ion Ratio Lower Upper

152 100

150 156.4 123.8 185.6

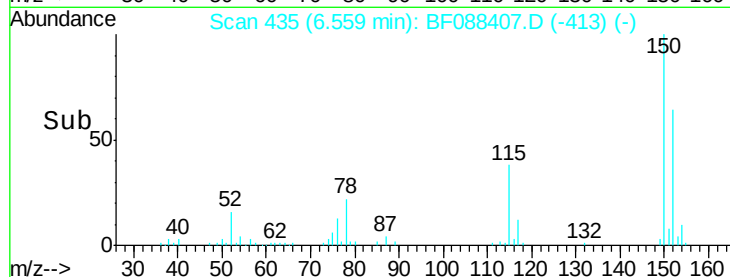
115 59.0 39.6 59.4



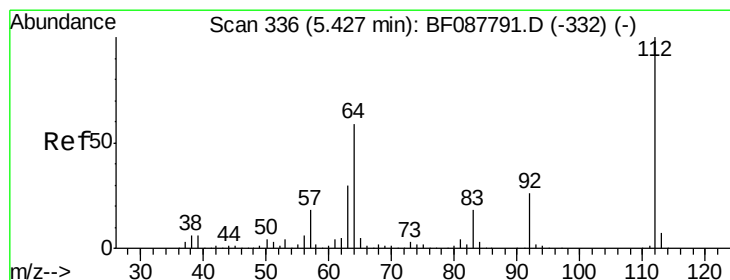
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#5

2-Fluorophenol

Concen: 105.70 ng

RT: 5.14 min Scan# 311

Delta R.T. -0.03 min

Lab File: BF088407.D

Acq: 26 Jun 2016 7:58

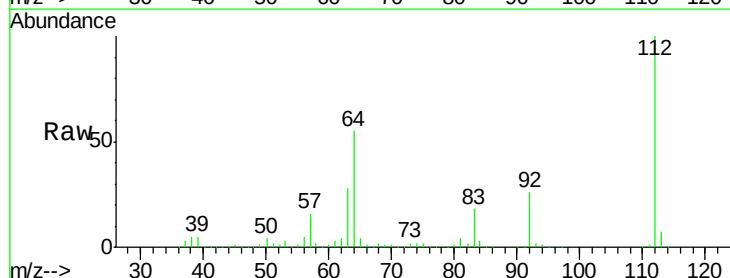
Tgt Ion:112 Resp: 454758

Ion Ratio Lower Upper

112 100

64 55.1 42.2 63.2

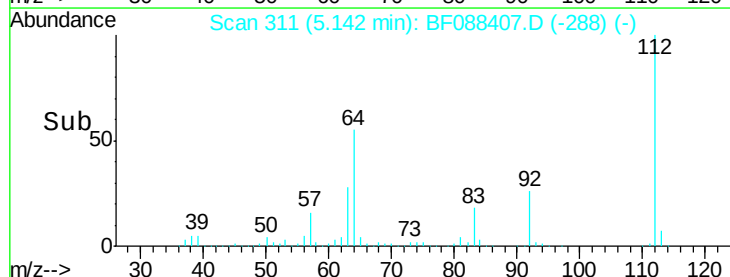
63 28.3 21.8 32.8



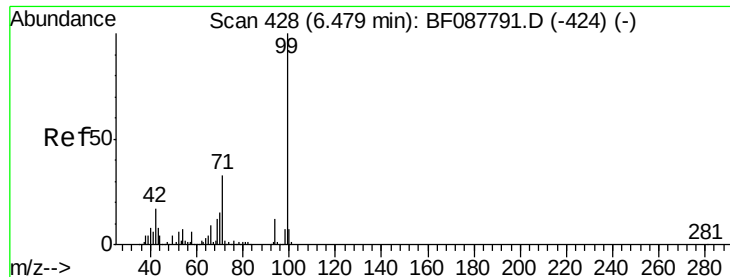
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



Time-->



#7

Phenol-d6

Concen: 104.66 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.03 min

Lab File: BF088407.D

Acq: 26 Jun 2016 7:58

Instrument :

BNA_F

ClientSampleId :

Q8-B5(0-16)C

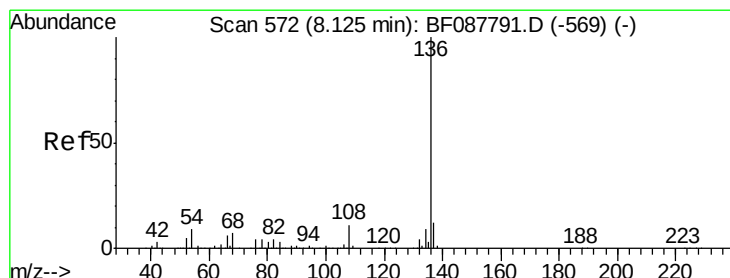
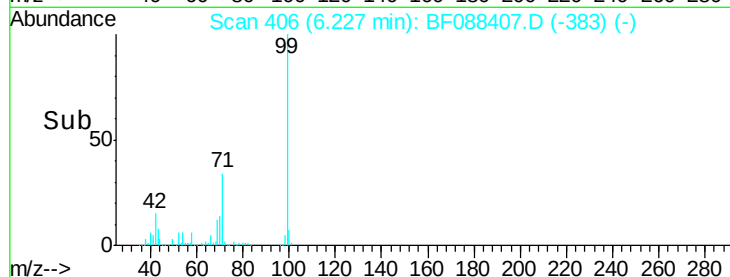
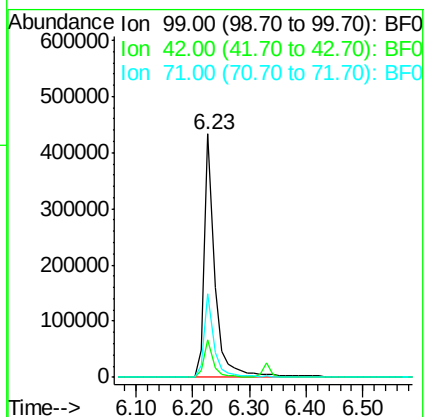
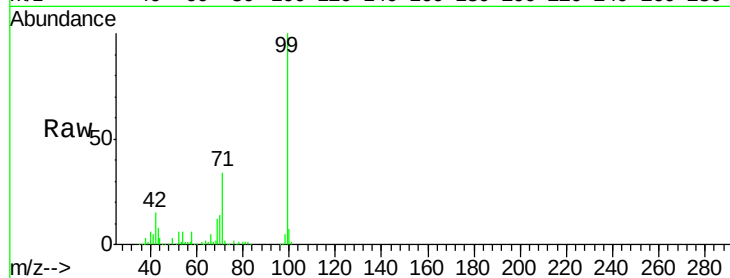
Tot Ion: 99 Resp: 545664

Ion Ratio Lower Upper

99 100

42 15.4 12.2 18.2

71 34.1 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.85 min Scan# 548

Delta R.T. -0.05 min

Lab File: BF088407.D

Acq: 26 Jun 2016 7:58

Tgt Ion: 136 Resp: 277230

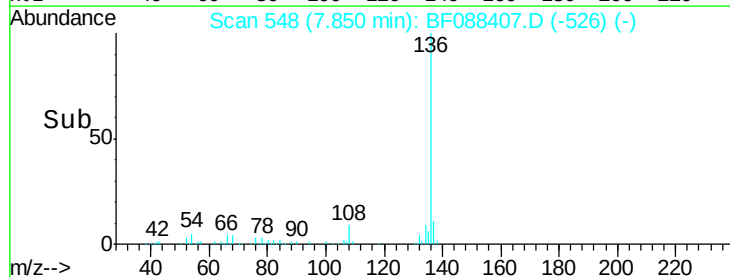
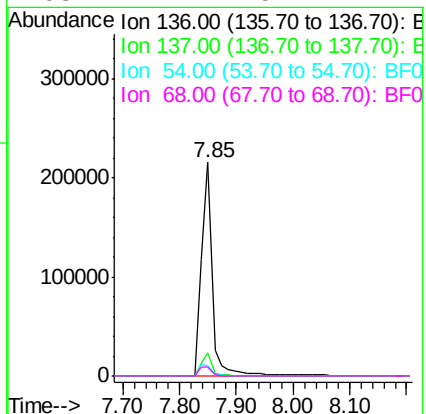
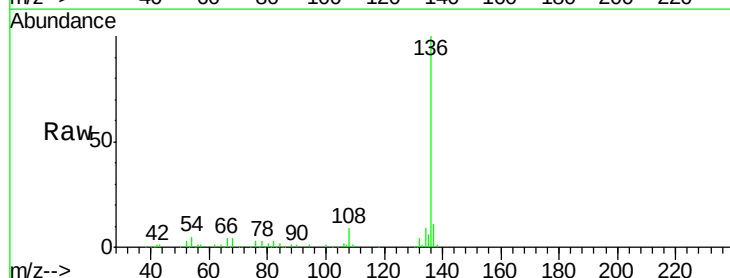
Ion Ratio Lower Upper

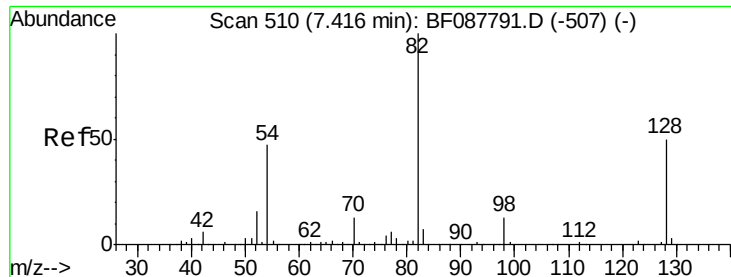
136 100

137 10.8 9.1 13.7

54 5.0 6.6 10.0#

68 4.4 5.1 7.7#





#23

Nitrobenzene-d5

Concen: 73.23 ng

RT: 7.14 min Scan# 486

Delta R.T. -0.03 min

Lab File: BF088407.D

Acq: 26 Jun 2016 7:58

Instrument :

BNA_F

ClientSampleId :

Q8-B5(0-16)C

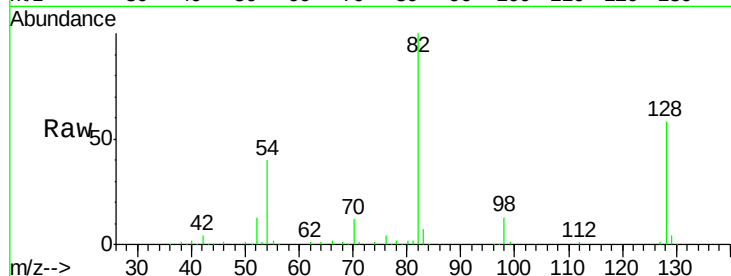
Tot Ion: 82 Resp: 347665

Ion Ratio Lower Upper

82 100

128 57.8 35.9 53.9#

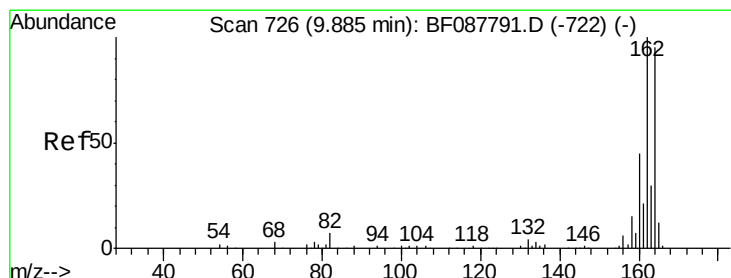
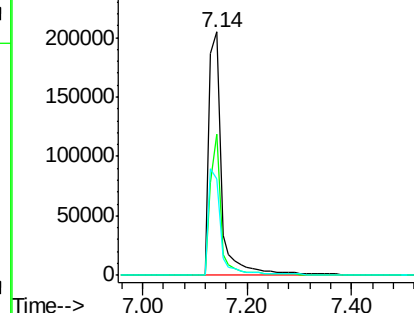
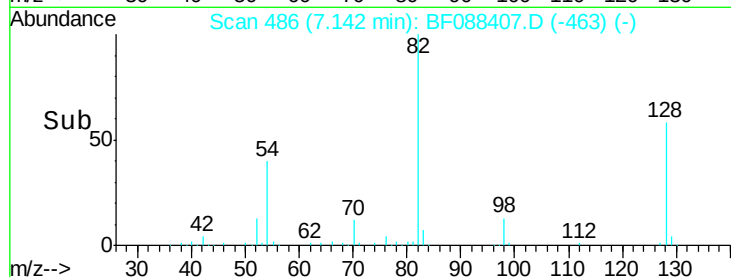
54 39.7 40.9 61.3#



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: 9.59 min Scan# 700

Delta R.T. -0.06 min

Lab File: BF088407.D

Acq: 26 Jun 2016 7:58

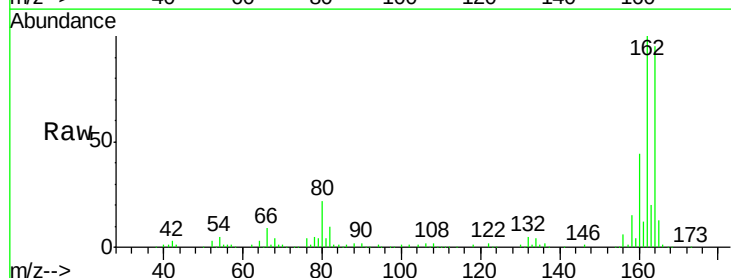
Tgt Ion:164 Resp: 118728

Ion Ratio Lower Upper

164 100

162 105.0 85.4 128.2

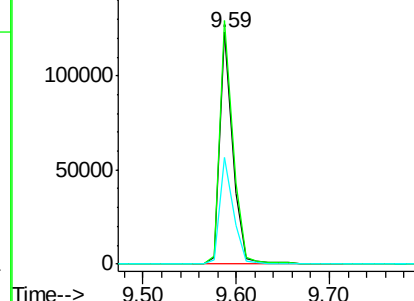
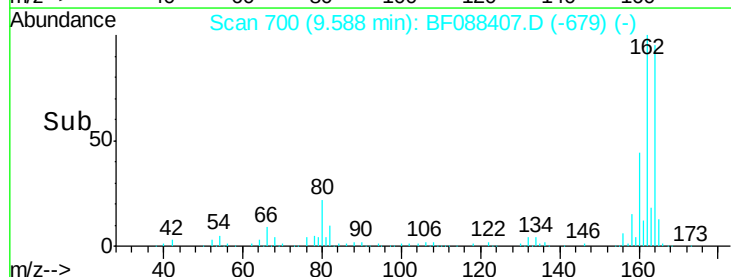
160 46.1 39.5 59.3

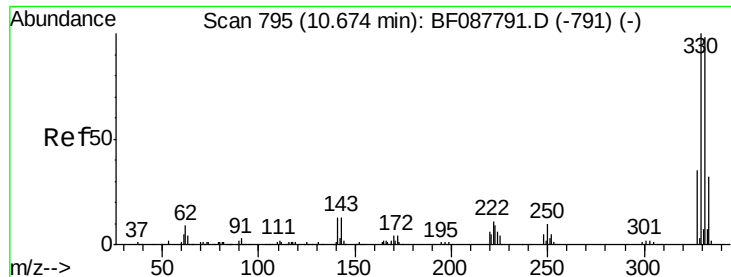


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

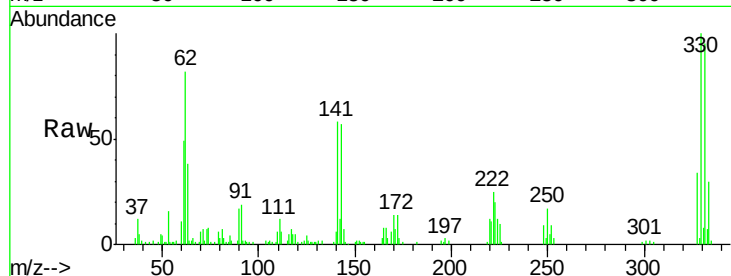




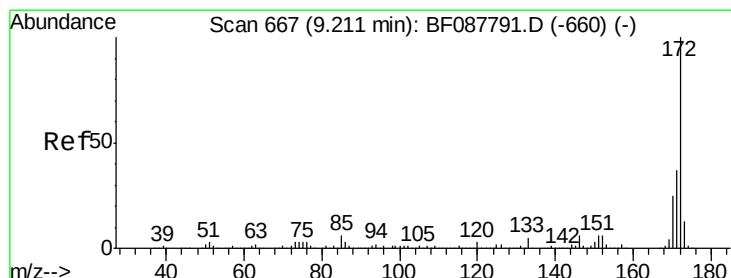
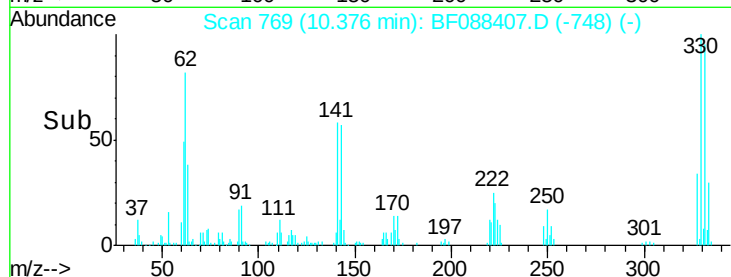
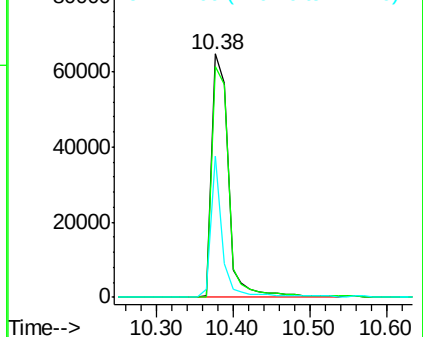
#41
 2,4,6-Tribromophenol
 Concen: 78.00 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.06 min
 Lab File: BF088407.D
 Acq: 26 Jun 2016 7:58

Instrument :
 BNA_F
 ClientSampleId :
 Q8-B5(0-16)C

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	0.0	0.0#
141	39.5	0.0	0.0#

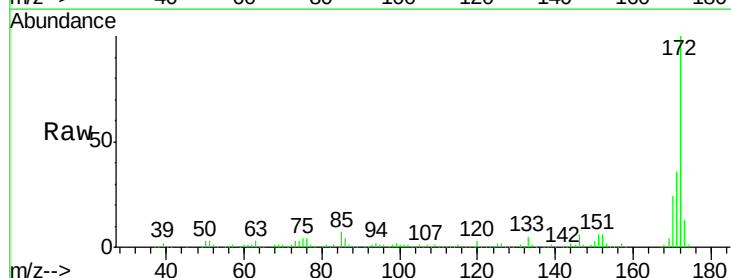


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

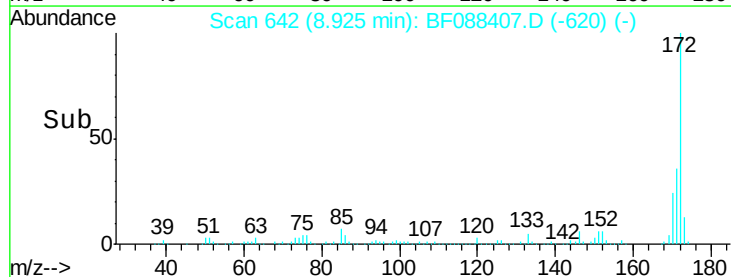
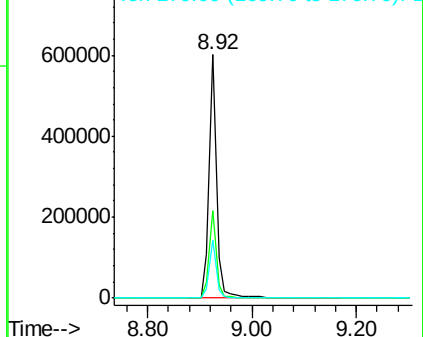


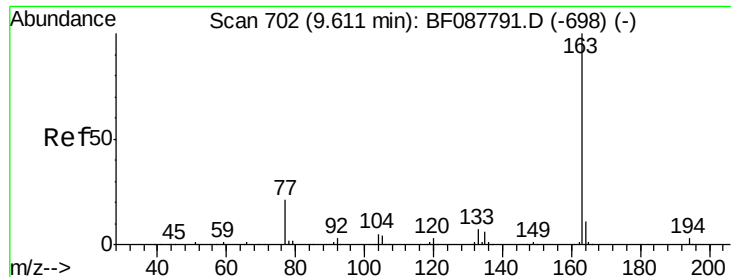
#44
 2-Fluorobiphenyl
 Concen: 79.05 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.05 min
 Lab File: BF088407.D
 Acq: 26 Jun 2016 7:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	23.8	19.2	28.8



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: 14.80 ng

RT: 9.32 min Scan# 677

Delta R.T. -0.06 min

Lab File: BF088407.D

Acq: 26 Jun 2016 7:58

Instrument :

BNA_F

ClientSampleId :

Q8-B5(0-16)C

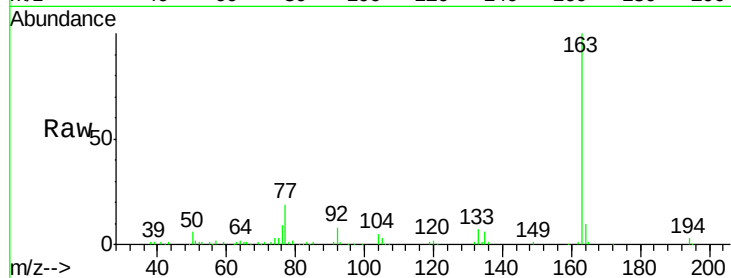
Tot Ion:163 Resp: 127291

Ion Ratio Lower Upper

163 100

194 3.4 2.8 4.2

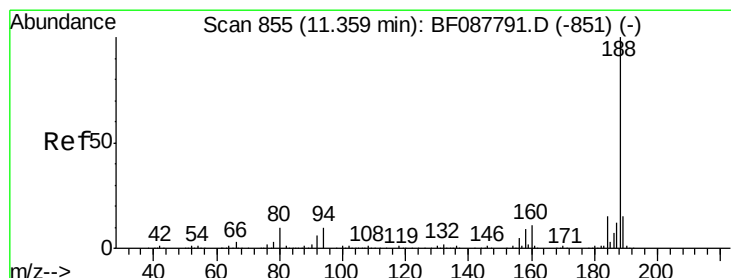
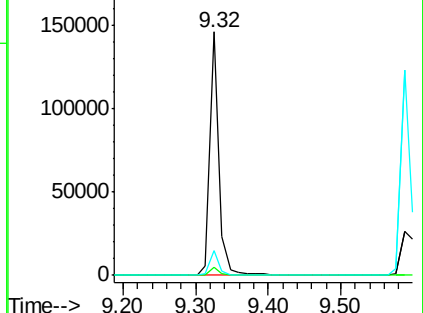
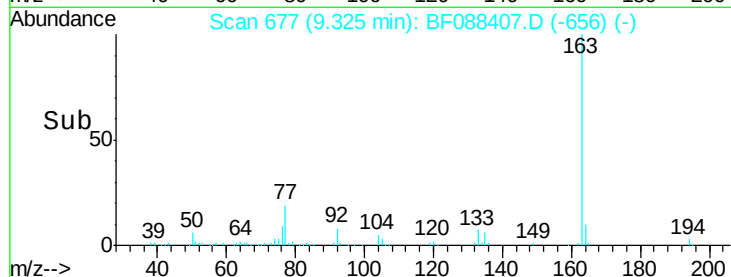
164 10.0 8.3 12.5



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: 11.06 min Scan# 829

Delta R.T. -0.06 min

Lab File: BF088407.D

Acq: 26 Jun 2016 7:58

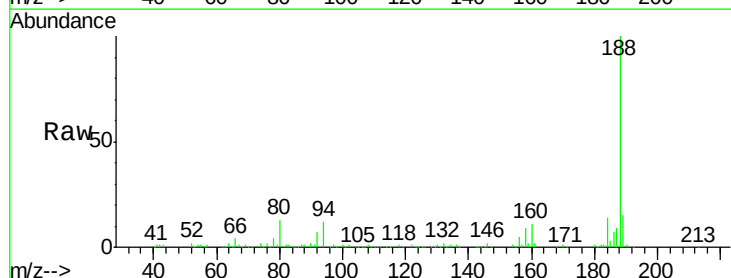
Tgt Ion:188 Resp: 191549

Ion Ratio Lower Upper

188 100

94 12.0 9.0 13.6

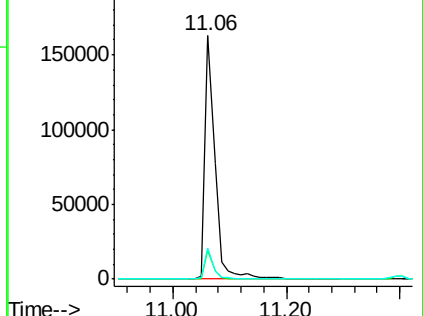
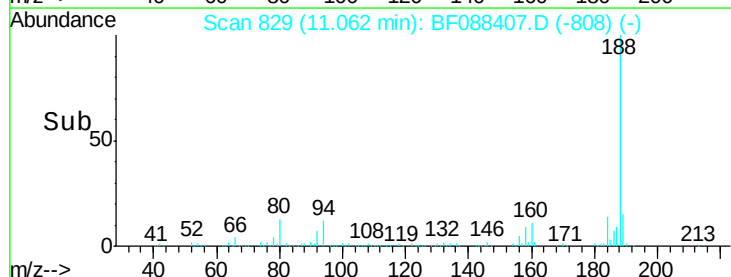
80 12.7 10.0 15.0

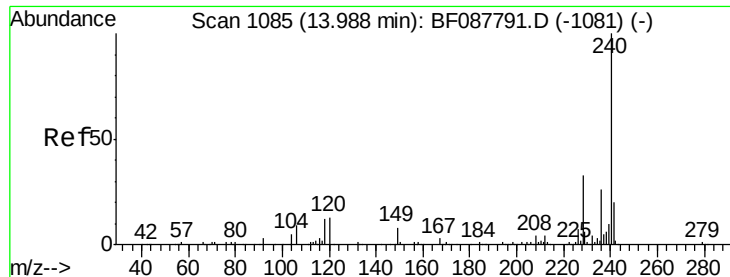


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.70 min Scan# 1060

Delta R.T. -0.05 min

Lab File: BF088407.D

Acq: 26 Jun 2016 7:58

Instrument :

BNA_F

ClientSampleId :

Q8-B5(0-16)C

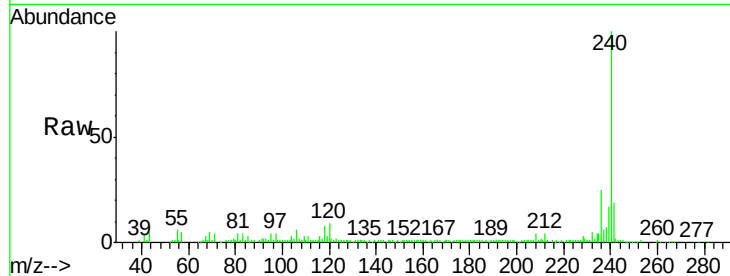
Tot Ion:240 Resp: 150831

Ion Ratio Lower Upper

240 100

120 9.3 6.8 10.2

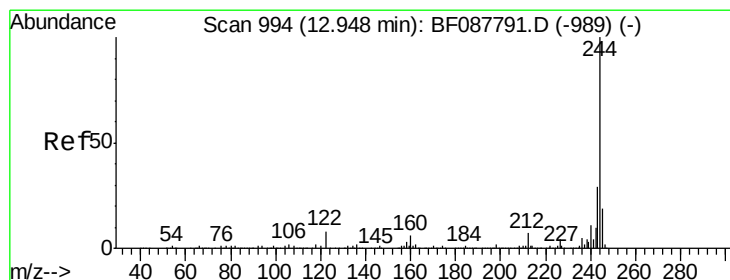
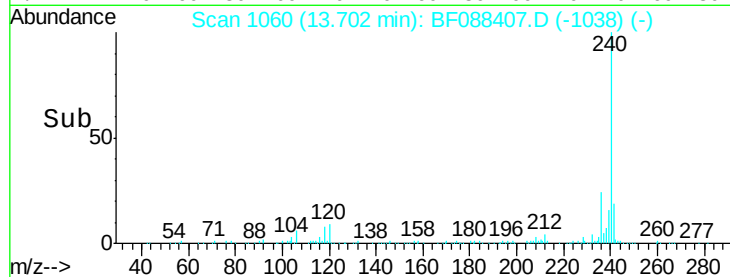
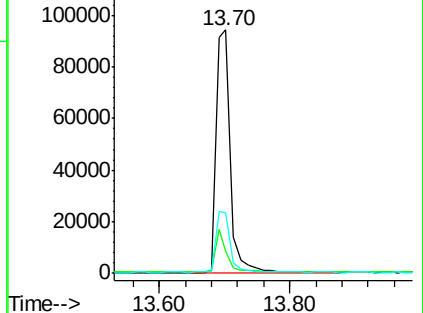
236 24.8 20.2 30.2



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: 61.26 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.03 min

Lab File: BF088407.D

Acq: 26 Jun 2016 7:58

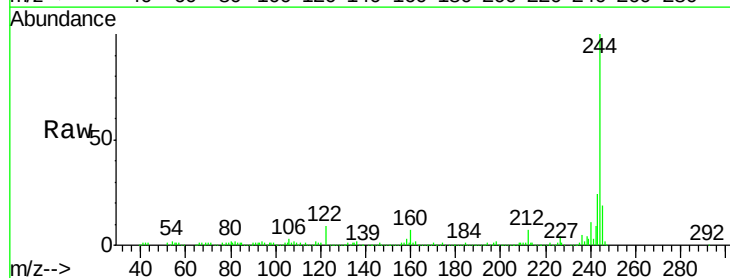
Tgt Ion:244 Resp: 406048

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

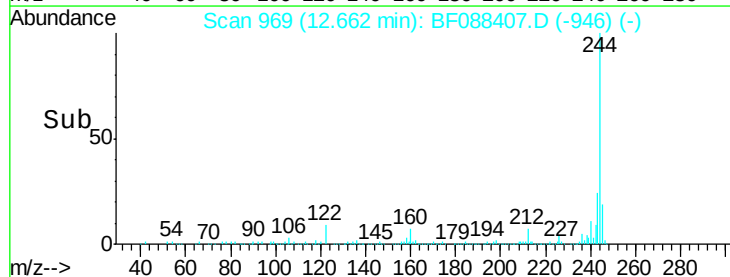
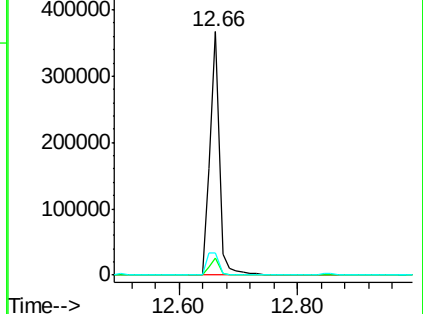
122 9.3 11.2 16.8#

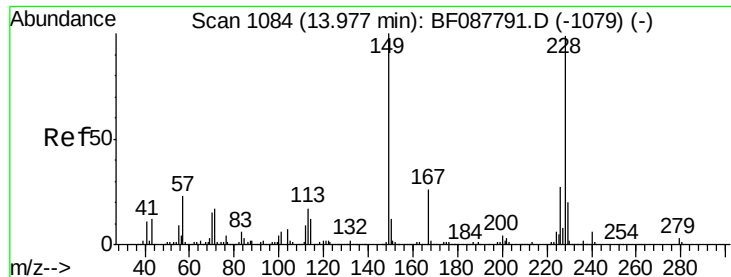


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.93 ng

RT: 13.68 min Scan# 1058

Delta R.T. -0.06 min

Lab File: BF088407.D

Acq: 26 Jun 2016 7:58

Instrument :

BNA_F

ClientSampleId :

Q8-B5(0-16)C

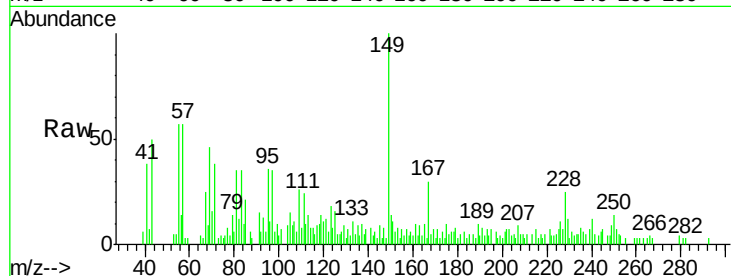
Tot Ion:149 Resp: 17672

Ion Ratio Lower Upper

149 100

167 29.8 20.5 30.7

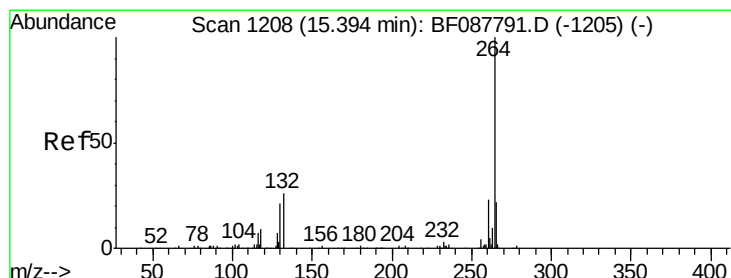
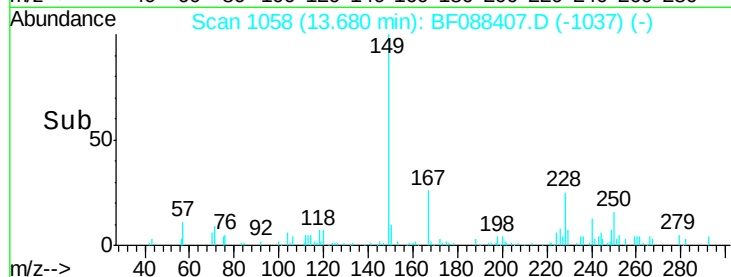
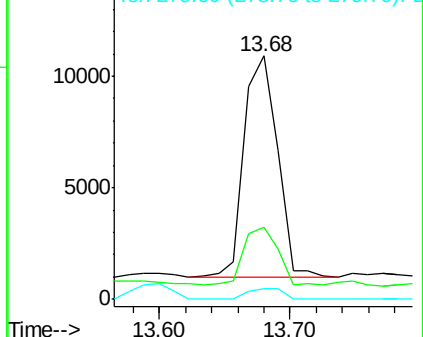
279 4.3 2.0 3.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.05 min Scan# 1178

Delta R.T. -0.06 min

Lab File: BF088407.D

Acq: 26 Jun 2016 7:58

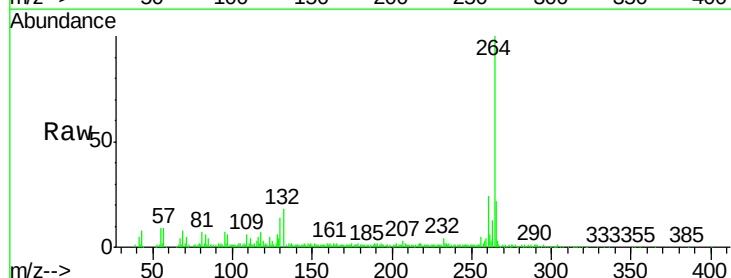
Tgt Ion:264 Resp: 109540

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 22.0 16.9 25.3



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

