

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020616\
 Data File : BF084908.D
 Acq On : 6 Feb 2016 13:35
 Operator : SJ/IZ
 Sample : H1310-02
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B008(25-27)

Quant Time: Feb 08 02:33:22 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

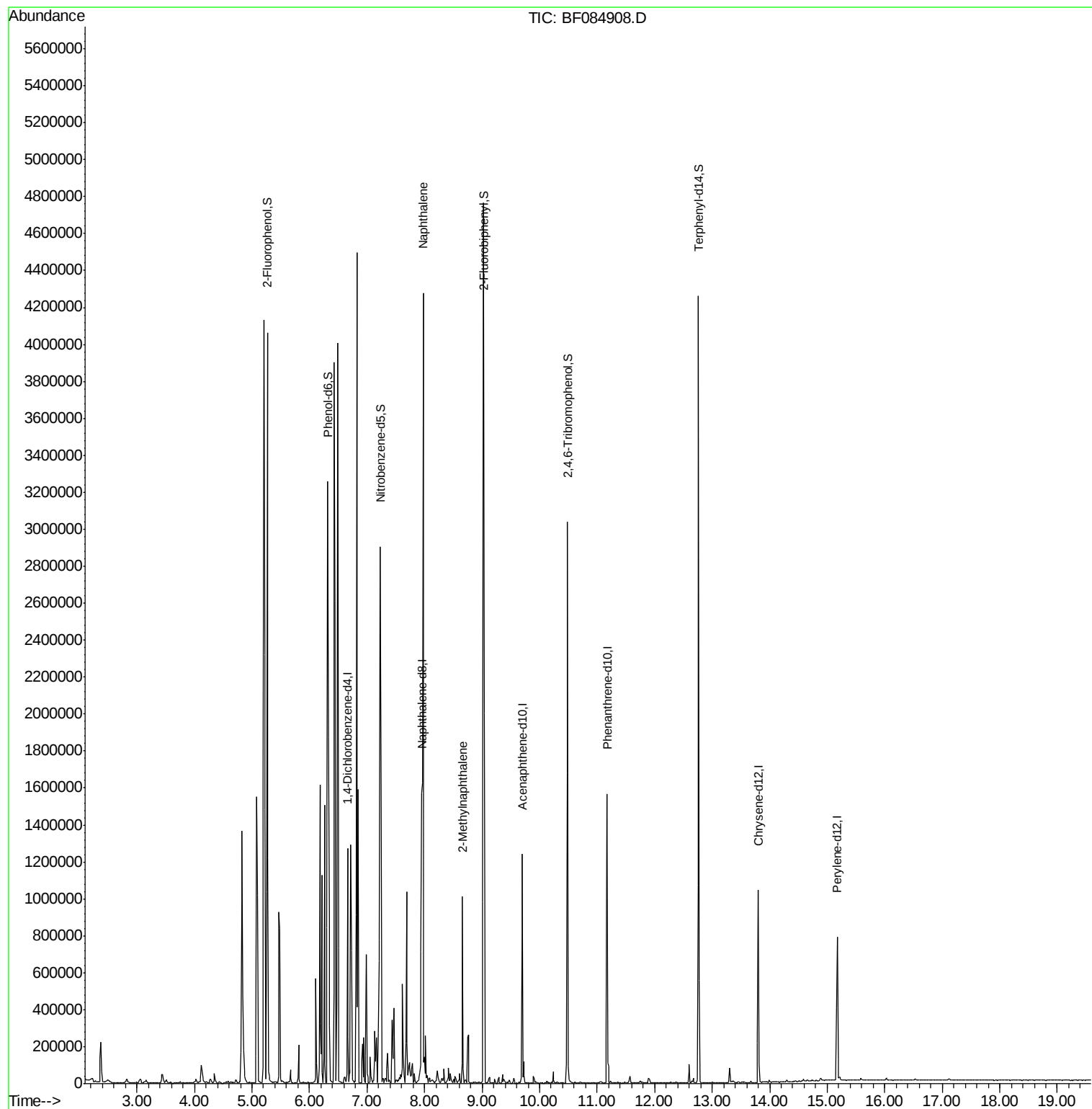
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	170150	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	714966	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	309831	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	526517	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	357225	20.00	ng	-0.03
86) Perylene-d12	15.17	264	341461	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1248547	114.30	ng	-0.01
7) Phenol-d6	6.32	99	1501844	110.90	ng	-0.02
23) Nitrobenzene-d5	7.23	82	1073468	84.58	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	425839	131.77	ng	-0.03
44) 2-Fluorobiphenyl	9.02	172	1800004	107.20	ng	-0.03
78) Terphenyl-d14	12.76	244	1307178	82.92	ng	-0.03
Target Compounds						Qvalue
31) Naphthalene	7.97	128	1907306	53.18	ng	99
37) 2-Methylnaphthalene	8.66	142	241547	10.76	ng	98

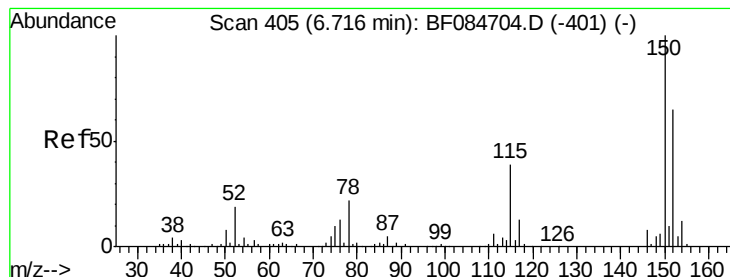
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF084908.D

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Instrument :

BNA_F

ClientSampleId :

SUP-B008(25-27)

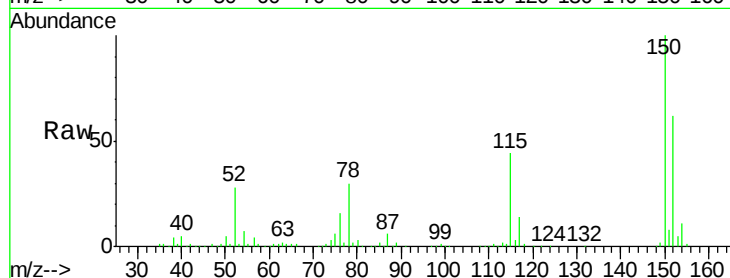
Tot Ion:152 Resp: 170150

Ion Ratio Lower Upper

152 100

150 160.6 123.0 184.4

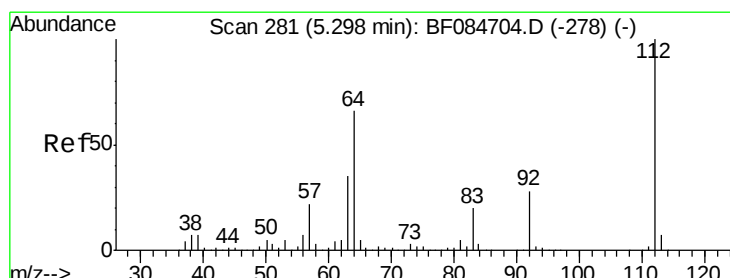
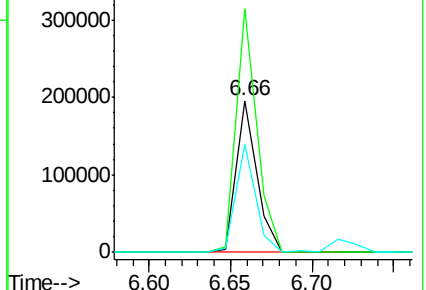
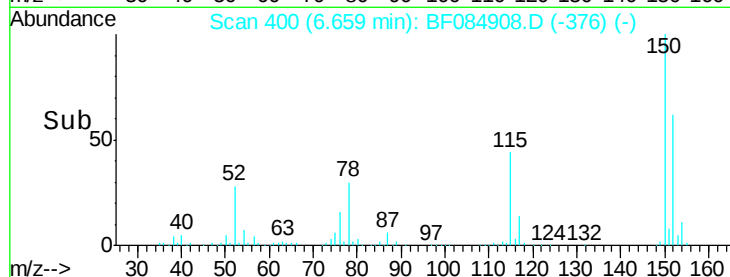
115 71.4 51.4 77.2



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: 114.30 ng

RT: 5.26 min Scan# 278

Delta R.T. -0.01 min

Lab File: BF084908.D

Acq: 6 Feb 2016 13:35

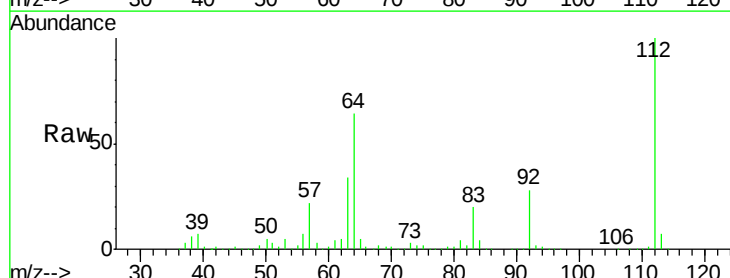
Tgt Ion:112 Resp: 1248547

Ion Ratio Lower Upper

112 100

64 64.4 36.6 55.0#

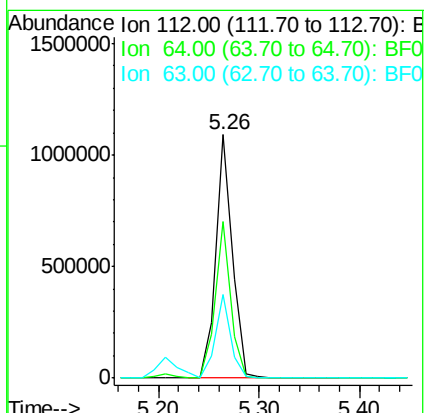
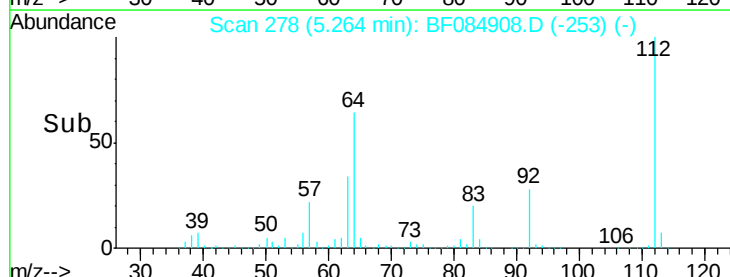
63 34.2 19.4 29.0#



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: 110.90 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.02 min

Lab File: BF084908.D

Acq: 6 Feb 2016 13:35

Instrument :

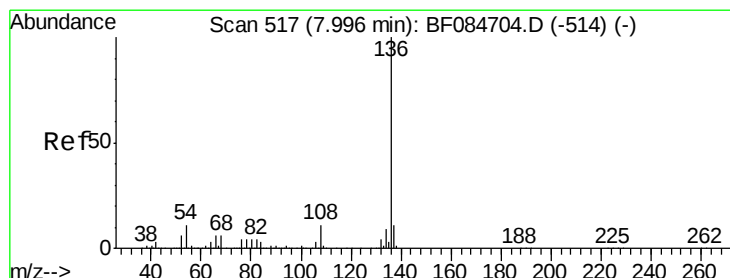
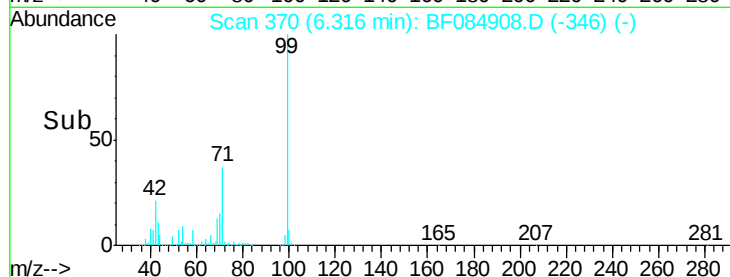
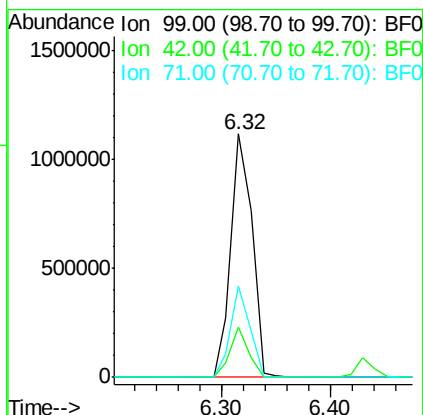
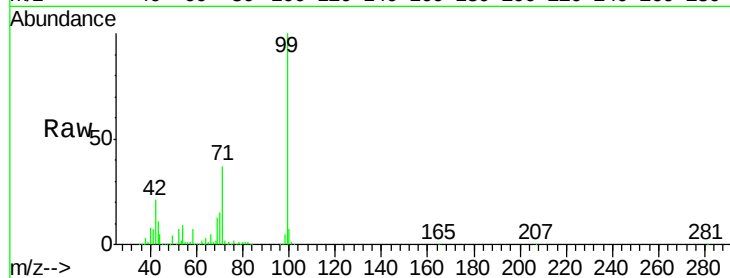
BNA_F

ClientSampleId :

SUP-B008(25-27)

Tot Ion: 99 Resp: 1501844

Ion	Ratio	Lower	Upper
99	100		
42	20.8	12.8	19.2#
71	37.5	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 513

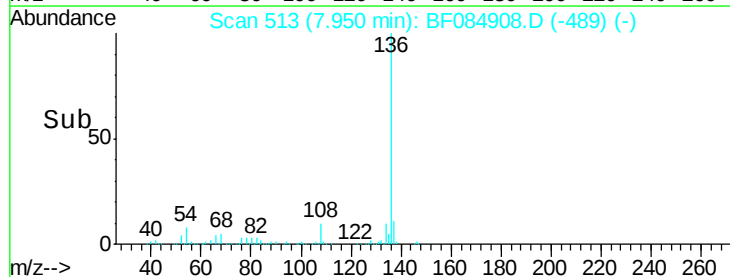
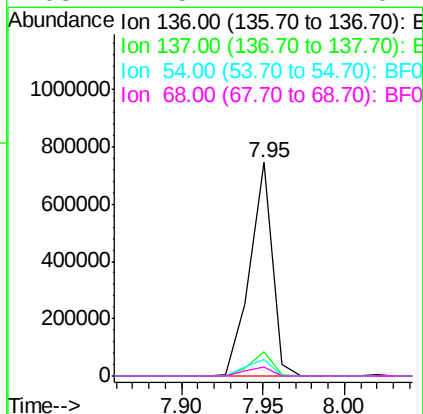
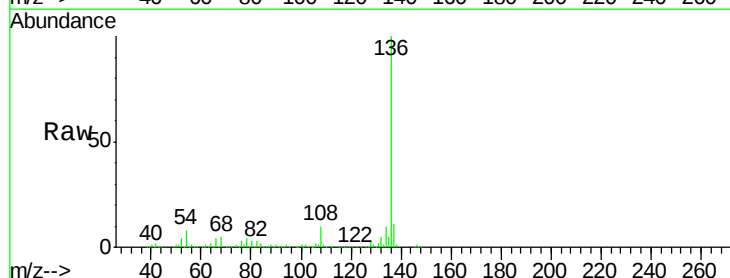
Delta R.T. -0.02 min

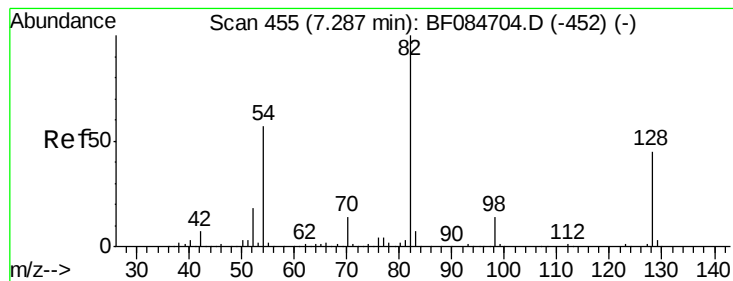
Lab File: BF084908.D

Acq: 6 Feb 2016 13:35

Tgt Ion: 136 Resp: 714966

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	8.1	5.8	8.8
68	4.5	4.2	6.2





#23

Nitrobenzene-d5

Concen: 84.58 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.03 min

Lab File: BF084908.D

Acq: 6 Feb 2016 13:35

Instrument :

BNA_F

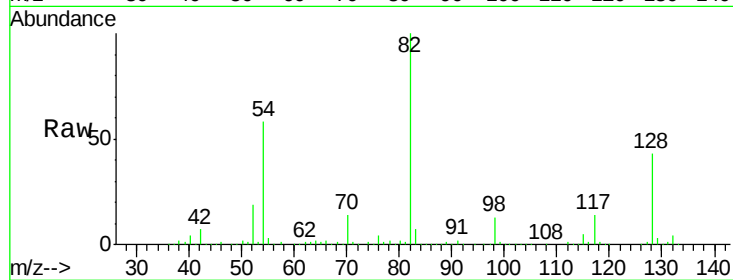
ClientSampleId :

SUP-B008(25-27)

Tot Ion: 82 Resp: 1073468

Ion Ratio Lower Upper

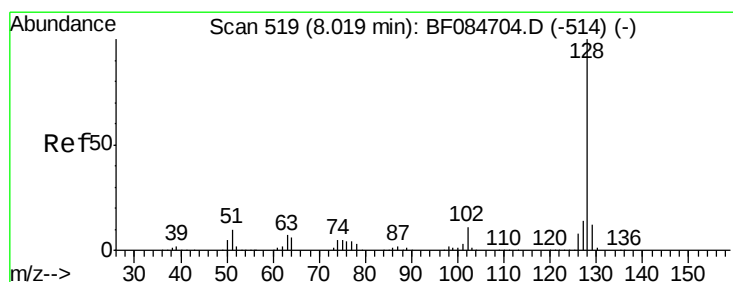
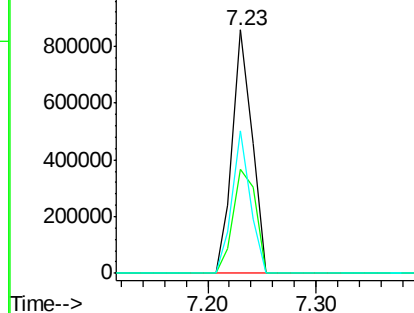
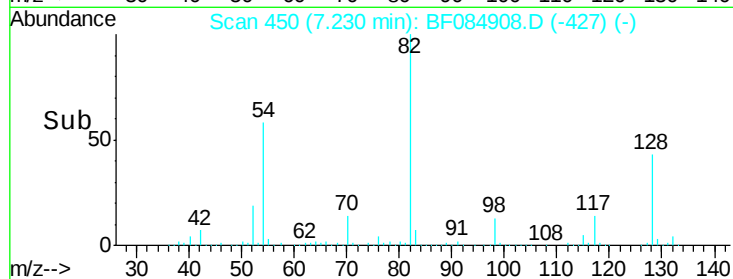
82	100		
128	42.6	34.6	51.8
54	58.3	38.4	57.6



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



#31

Naphthalene

Concen: 53.18 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.02 min

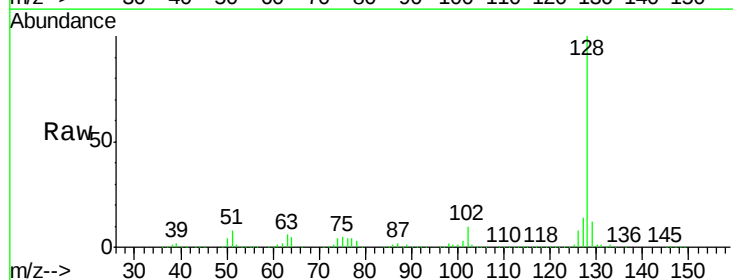
Lab File: BF084908.D

Acq: 6 Feb 2016 13:35

Tgt Ion: 128 Resp: 1907306

Ion Ratio Lower Upper

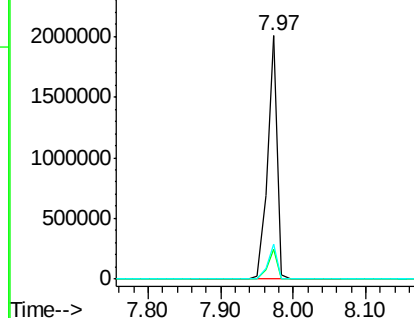
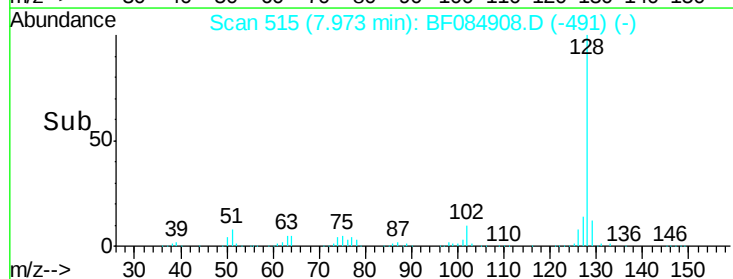
128	100		
129	12.0	9.1	13.7
127	14.3	11.1	16.7

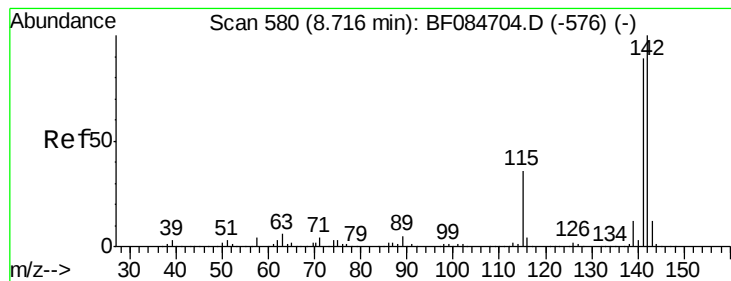


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#37

2-Methylnaphthalene

Concen: 10.76 ng

RT: 8.66 min Scan# 575

Delta R.T. -0.03 min

Lab File: BF084908.D

Acq: 6 Feb 2016 13:35

Instrument :

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ClientSampleId :

SUP-B008(25-27)

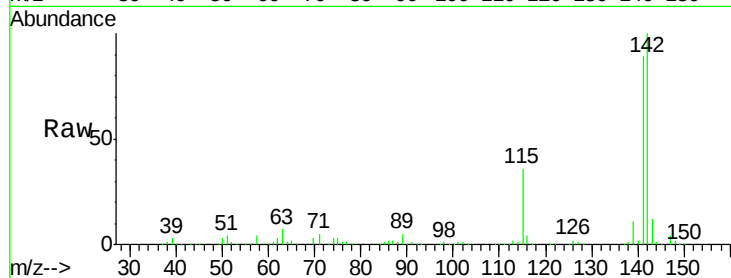
Tot Ion:142 Resp: 241547

Ion Ratio Lower Upper

142 100

141 88.6 72.4 108.6

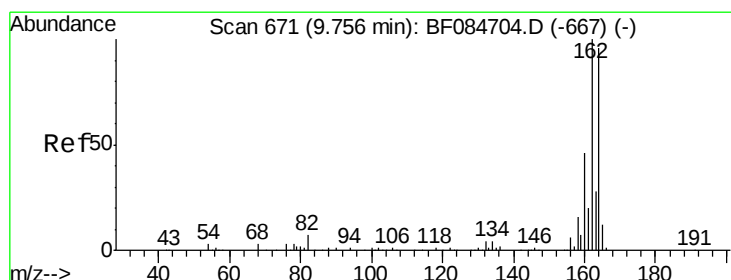
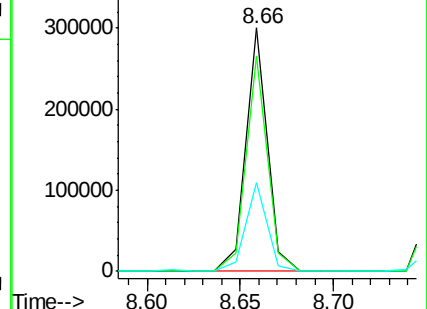
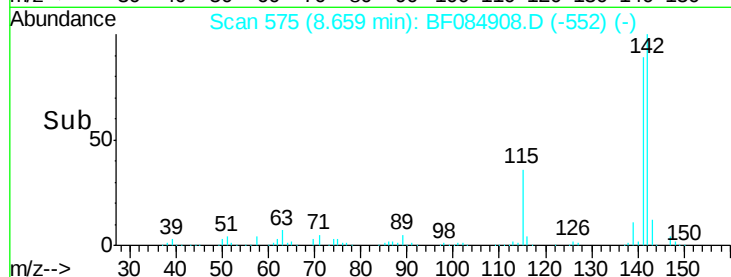
115 36.2 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.03 min

Lab File: BF084908.D

Acq: 6 Feb 2016 13:35

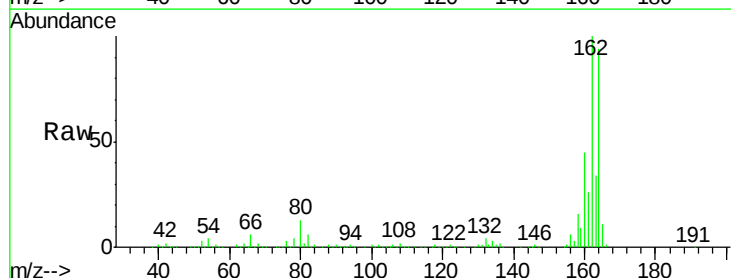
Tgt Ion:164 Resp: 309831

Ion Ratio Lower Upper

164 100

162 106.2 85.1 127.7

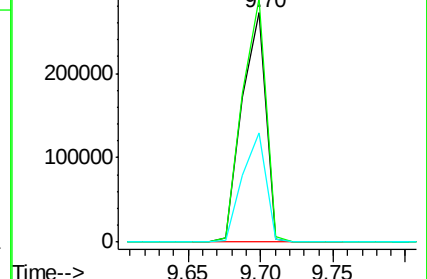
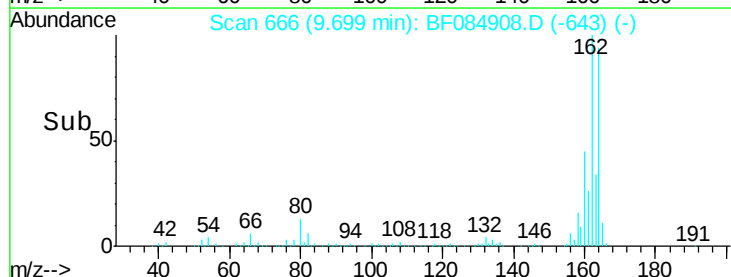
160 47.9 37.5 56.3

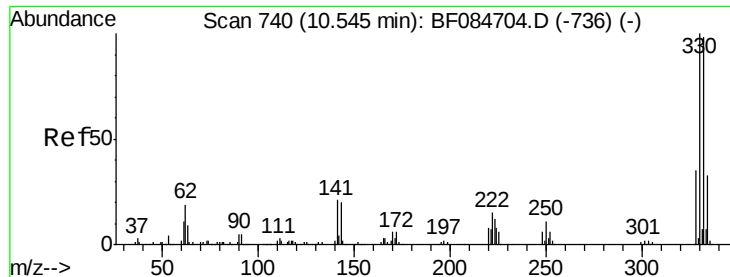


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

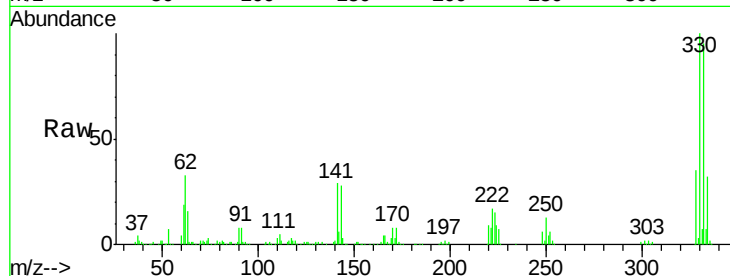




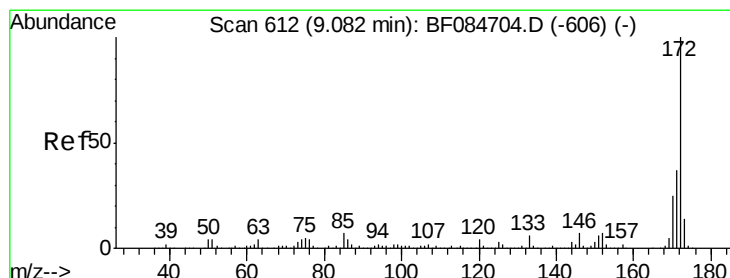
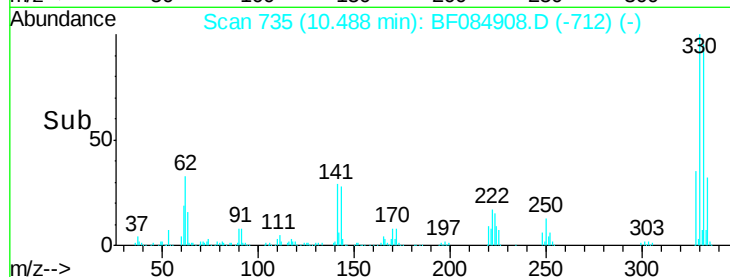
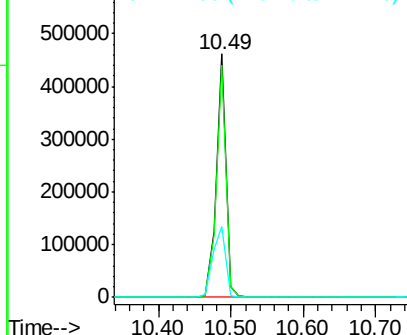
#41
 2,4,6-Tribromophenol
 Concen: 131.77 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.03 min
 Lab File: BF084908.D
 Acq: 6 Feb 2016 13:35

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B008(25-27)

Tot Ion:330 Resp: 425839
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.6 114.8
 141 37.7 27.8 41.6

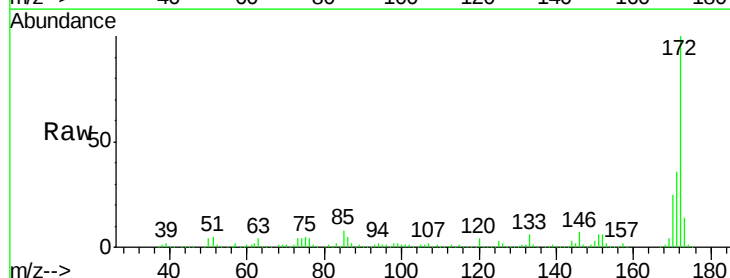


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

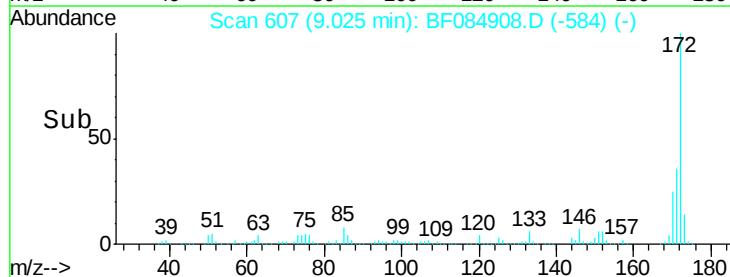
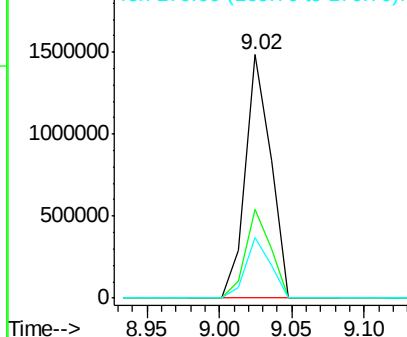


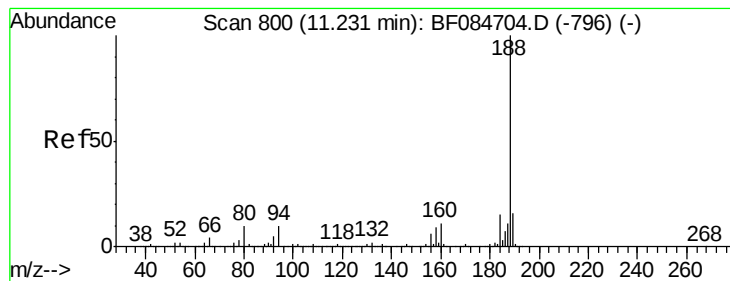
#44
 2-Fluorobiphenyl
 Concen: 107.20 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF084908.D
 Acq: 6 Feb 2016 13:35

Tgt Ion:172 Resp: 1800004
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.9 43.3
 170 24.8 18.6 27.8



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.17 min Scan# 795

Delta R.T. -0.03 min

Lab File: BF084908.D

Acq: 6 Feb 2016 13:35

Instrument :

BNA_F

ClientSampleId :

SUP-B008(25-27)

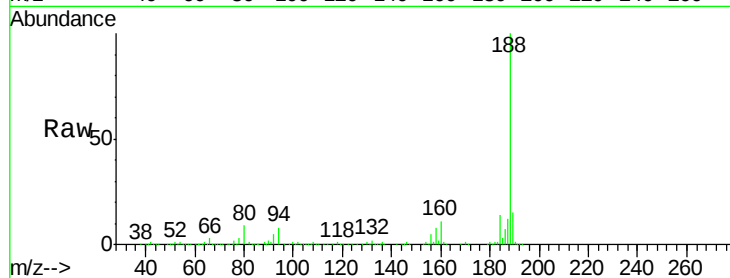
Tot Ion:188 Resp: 526517

Ion Ratio Lower Upper

188 100

94 8.4 9.0 13.4#

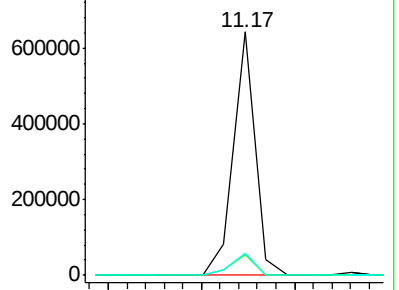
80 9.0 9.6 14.4#



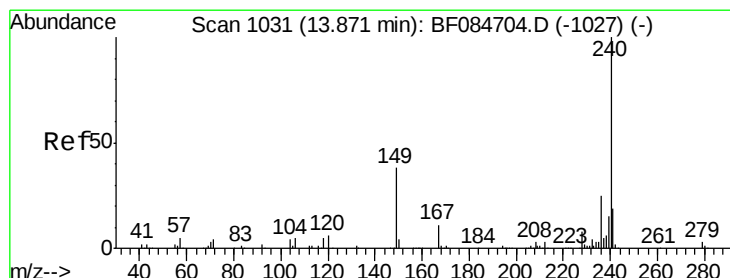
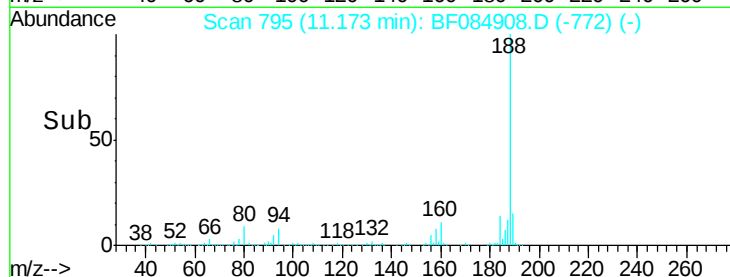
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time--> 11.10 11.15 11.20



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.80 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF084908.D

Acq: 6 Feb 2016 13:35

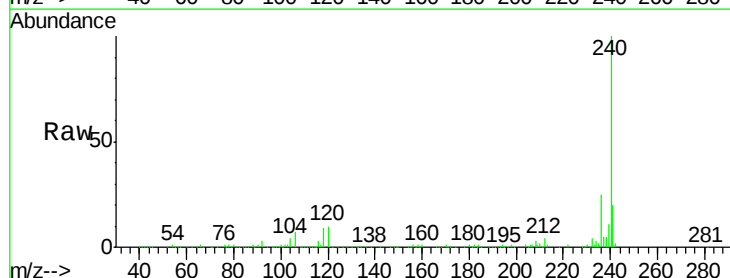
Tgt Ion:240 Resp: 357225

Ion Ratio Lower Upper

240 100

120 9.7 9.5 14.3

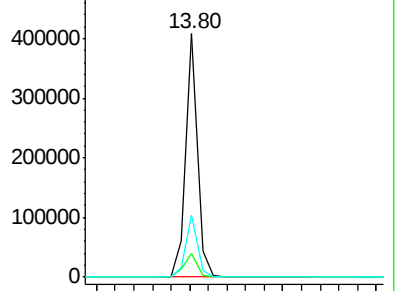
236 25.3 20.6 31.0



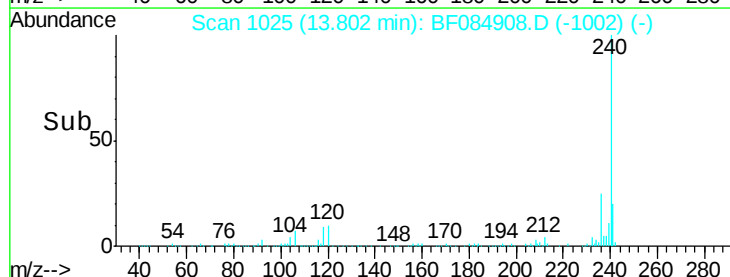
Abundance Ion 240.00 (239.70 to 240.70): E

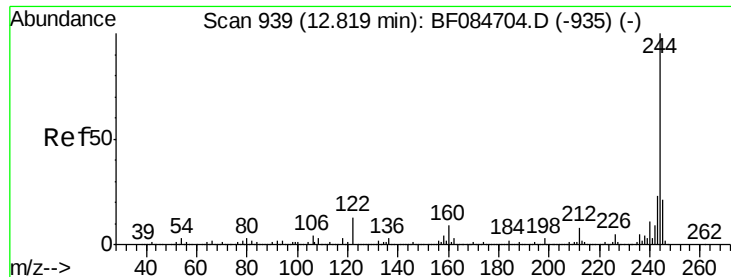
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 13.70 13.80 13.90





#78

Terphenyl-d14

Concen: 82.92 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF084908.D

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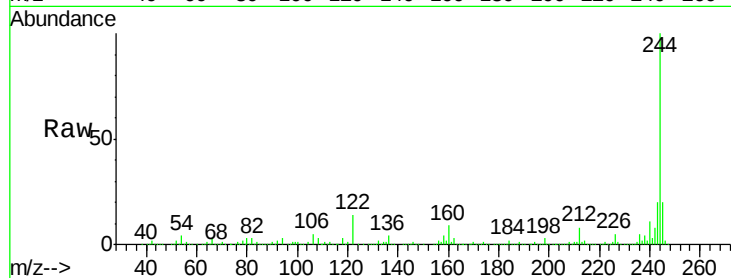
Tot Ion:244 Resp: 1307178

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

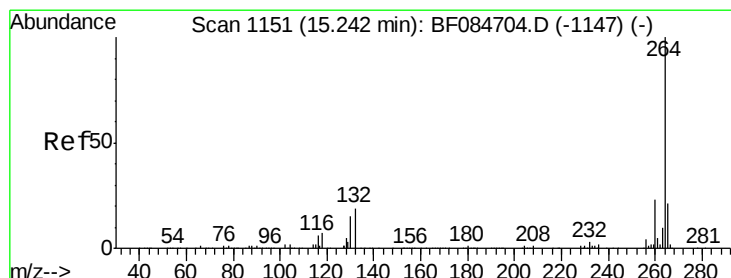
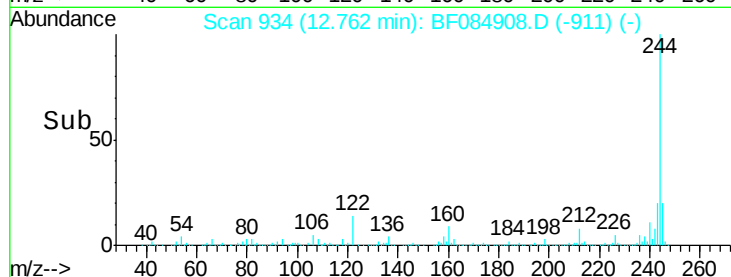
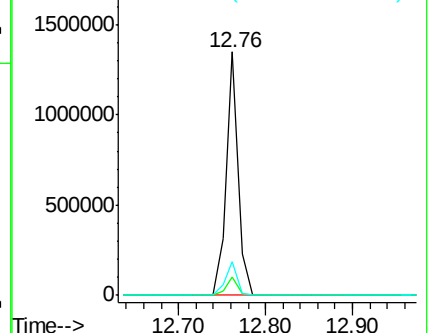
122 13.9 7.4 11.0#



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: 15.17 min Scan# 1145

Delta R.T. -0.03 min

Lab File: BF084908.D

Acq: 6 Feb 2016 13:35

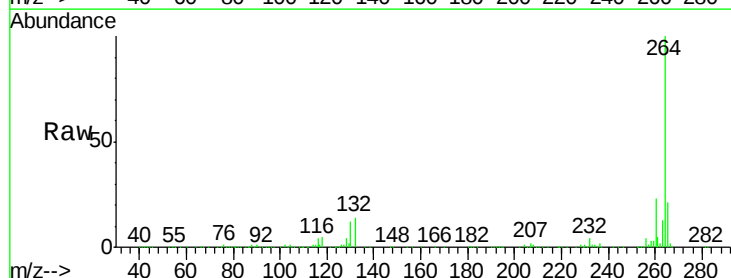
Tgt Ion:264 Resp: 341461

Ion Ratio Lower Upper

264 100

260 23.1 19.4 29.2

265 21.3 17.8 26.6



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

