

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020616\
 Data File : BF084907.D
 Acq On : 6 Feb 2016 13:08
 Operator : SJ/IZ
 Sample : H1310-01
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B017(10-12)

Quant Time: Feb 08 01:36:29 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

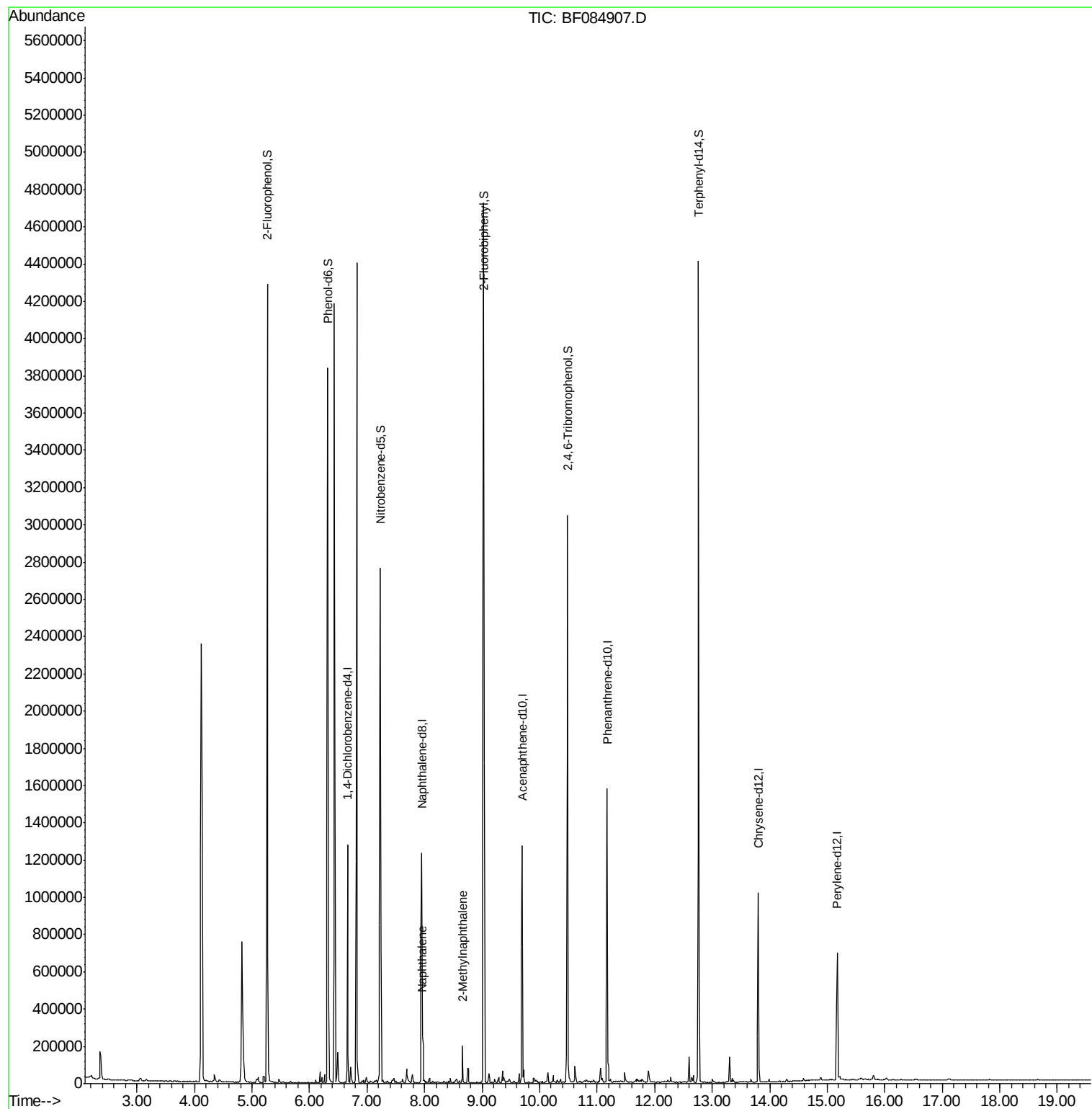
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	166463	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	673921	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	301177	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	531770	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	352644	20.00	ng	-0.03
86) Perylene-d12	15.17	264	319505	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1217516	113.92	ng	-0.01
7) Phenol-d6	6.32	99	1375334	103.81	ng	-0.02
23) Nitrobenzene-d5	7.23	82	993685	83.06	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	426864	135.88	ng	-0.03
44) 2-Fluorobiphenyl	9.02	172	1739005	106.00	ng	-0.03
78) Terphenyl-d14	12.76	244	1381265	88.76	ng	-0.03
Target Compounds						
31) Naphthalene	7.96	128	149162	4.41	ng	98
37) 2-Methylnaphthalene	8.66	142	50174	2.37	ng	96

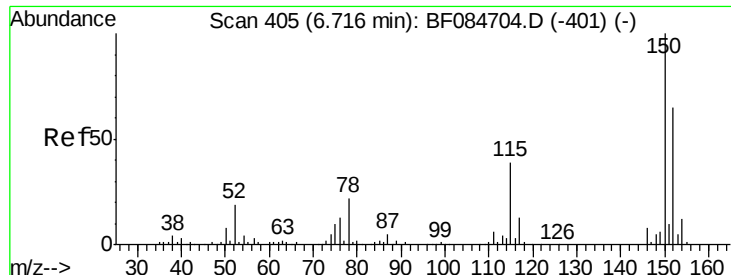
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF084907.D

Acq: 6 Feb 2016 13:08

Instrument :

BNA_F

ClientSampleId :

SUP-B017(10-12)

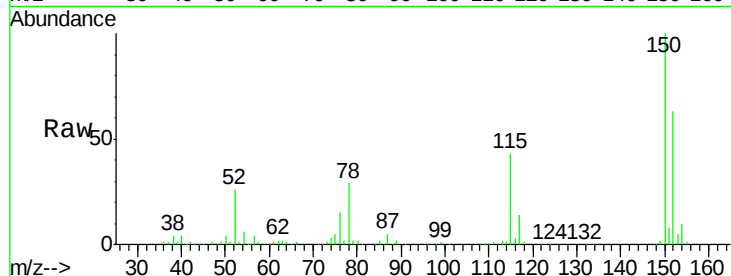
Tot Ion:152 Resp: 166463

Ion Ratio Lower Upper

152 100

150 159.2 123.0 184.4

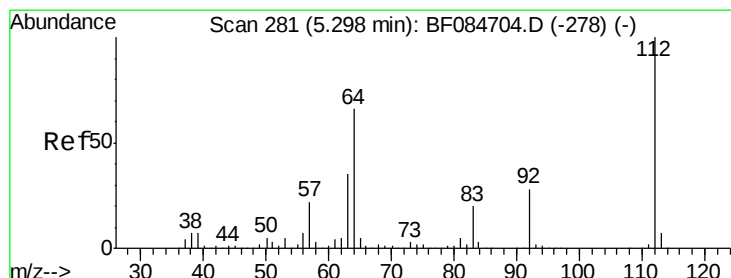
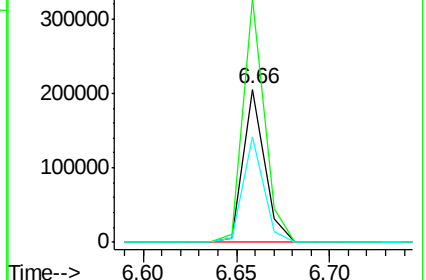
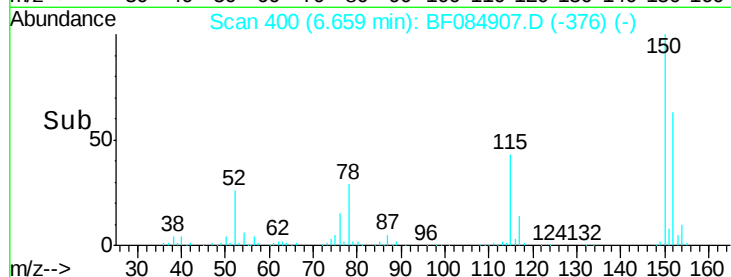
115 68.6 51.4 77.2



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: 113.92 ng

RT: 5.26 min Scan# 278

Delta R.T. -0.01 min

Lab File: BF084907.D

Acq: 6 Feb 2016 13:08

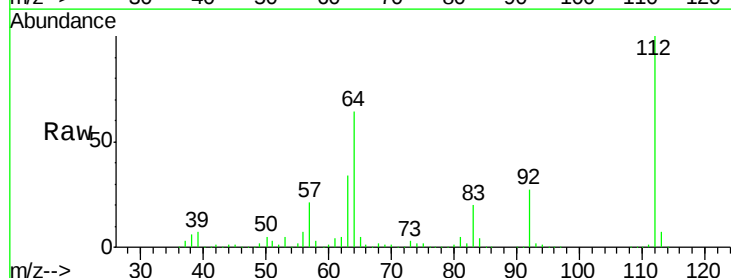
Tgt Ion:112 Resp: 1217516

Ion Ratio Lower Upper

112 100

64 64.4 36.6 55.0#

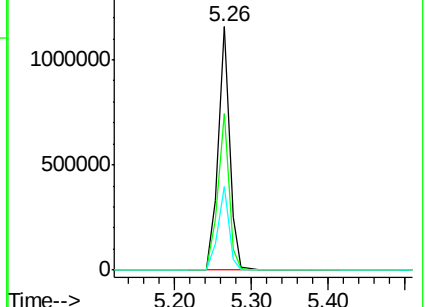
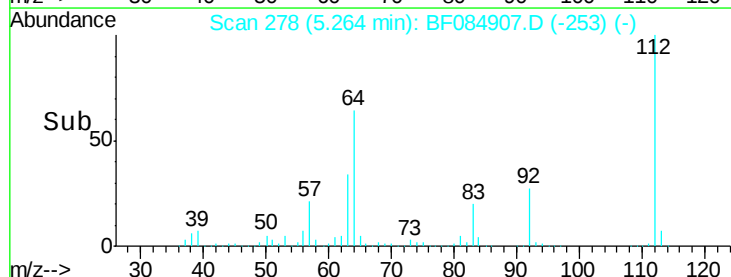
63 34.3 19.4 29.0#

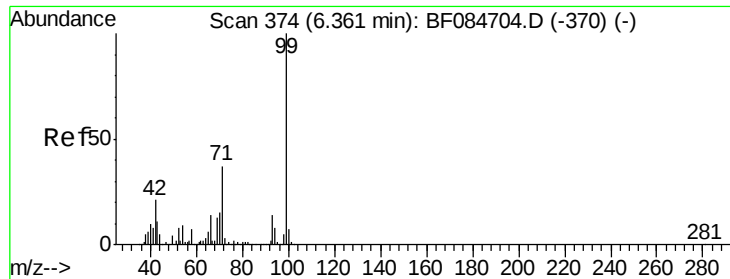


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 103.81 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.02 min

Lab File: BF084907.D

Acq: 6 Feb 2016 13:08

Instrument :

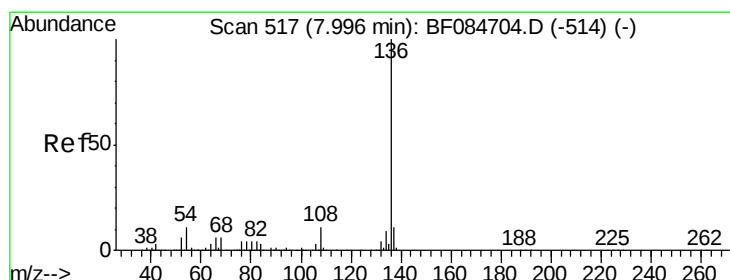
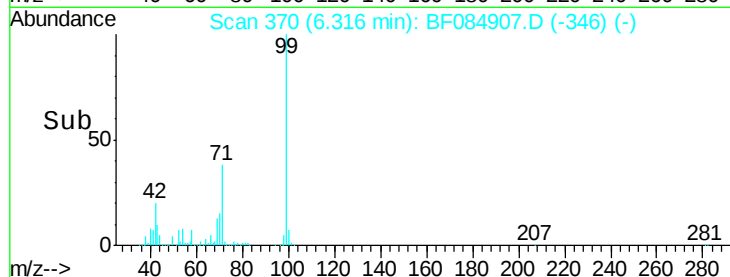
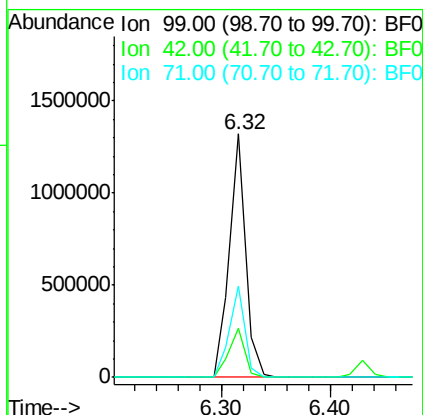
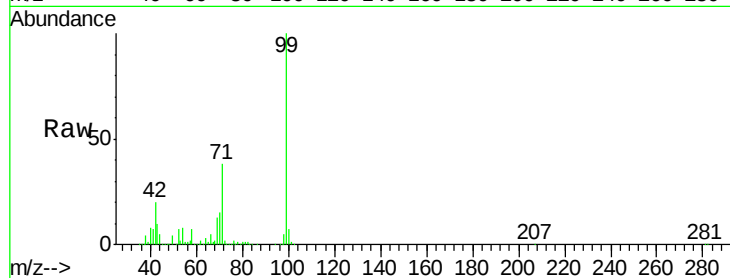
BNA_F

ClientSampleId :

SUP-B017(10-12)

Tot Ion: 99 Resp: 1375334

Ion	Ratio	Lower	Upper
99	100		
42	20.2	12.8	19.2#
71	37.6	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 513

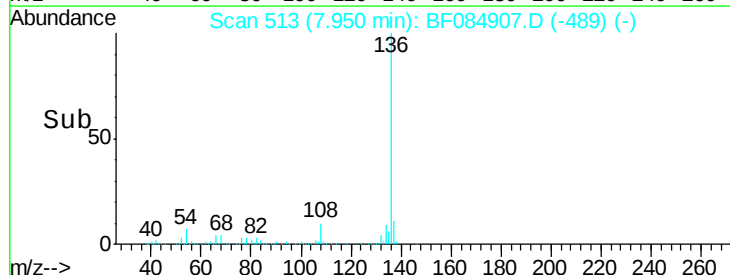
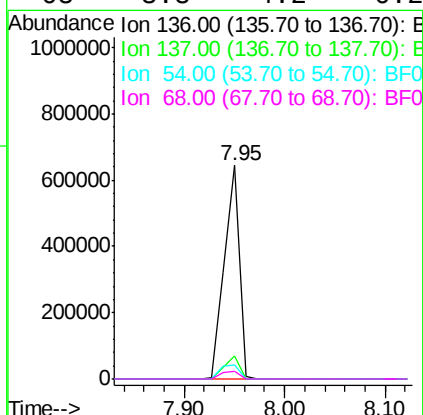
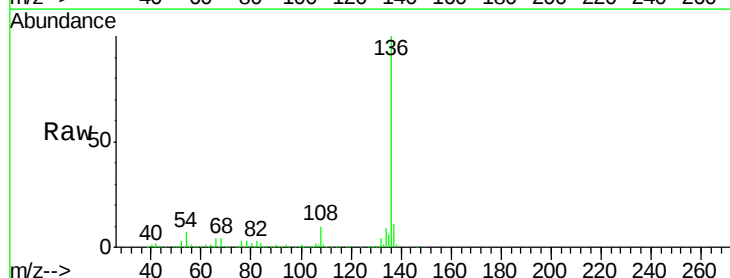
Delta R.T. -0.02 min

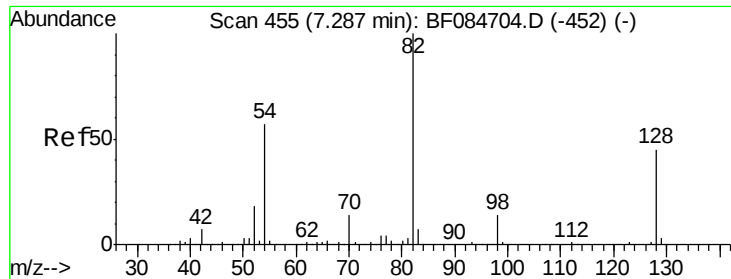
Lab File: BF084907.D

Acq: 6 Feb 2016 13:08

Tgt Ion: 136 Resp: 673921

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	6.5	5.8	8.8
68	3.8	4.2	6.2#

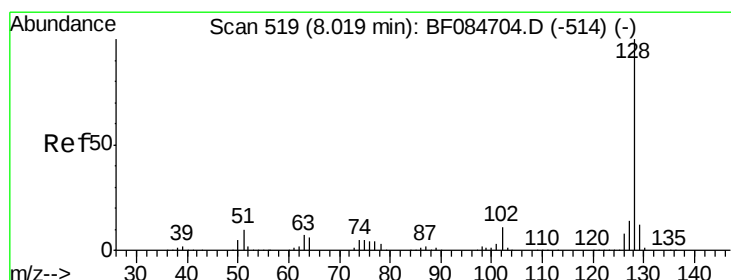
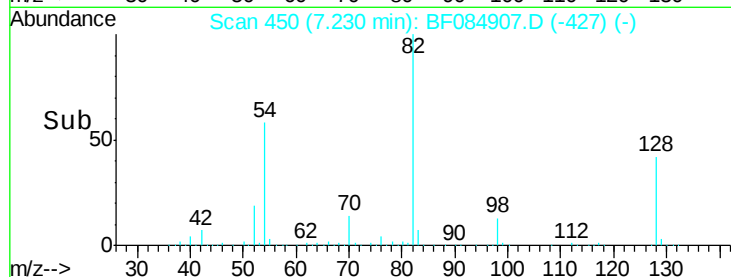
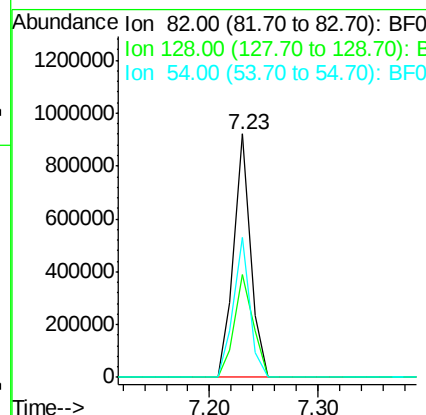
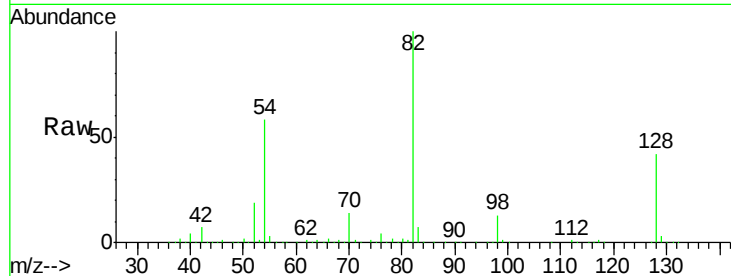




#23
Nitrobenzene-d5
Concen: 83.06 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.03 min
Lab File: BF084907.D
Acq: 6 Feb 2016 13:08

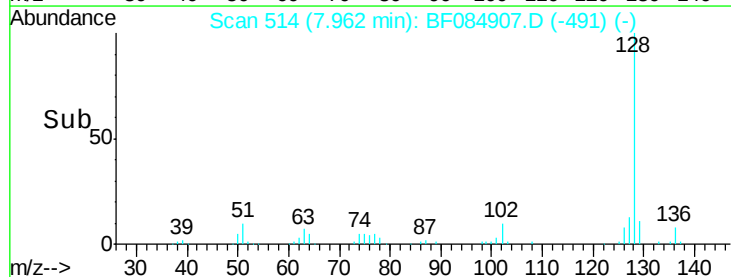
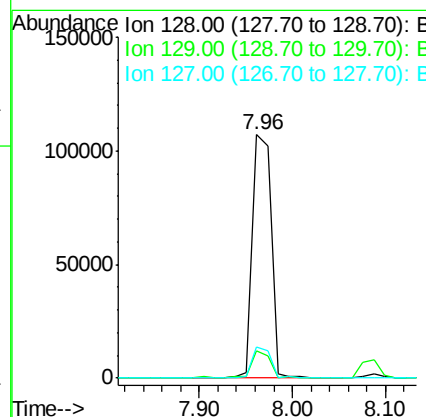
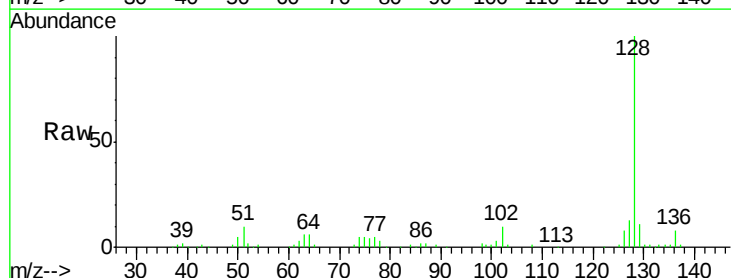
Instrument :
BNA_F
ClientSampleId :
SUP-B017(10-12)

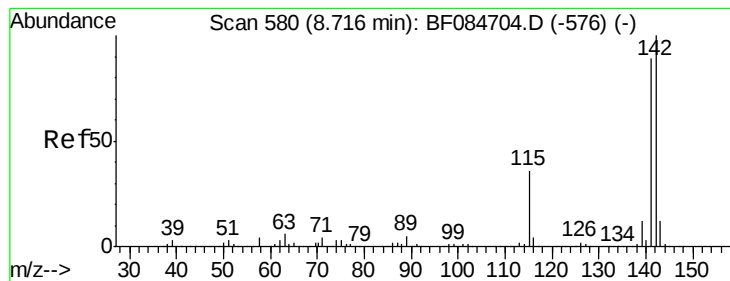
Tot Ion: 82 Resp: 993685
Ion Ratio Lower Upper
82 100
128 42.2 34.6 51.8
54 57.7 38.4 57.6#



#31
Naphthalene
Concen: 4.41 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.03 min
Lab File: BF084907.D
Acq: 6 Feb 2016 13:08

Tgt Ion: 128 Resp: 149162
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 12.8 11.1 16.7





#37

2-Methylnaphthalene

Concen: 2.37 ng

RT: 8.66 min Scan# 575

Delta R.T. -0.03 min

Lab File: BF084907.D

Acq: 6 Feb 2016 13:08

Instrument :

BNA_F

ClientSampleId :

SUP-B017(10-12)

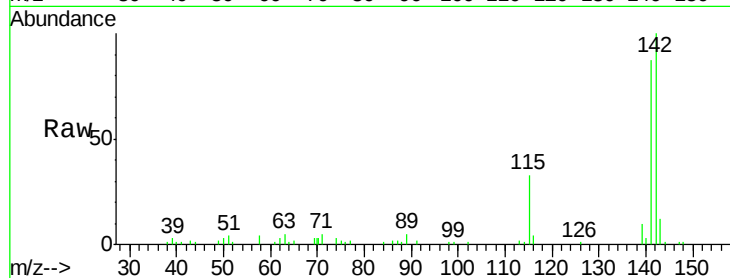
Tot Ion:142 Resp: 50174

Ion Ratio Lower Upper

142 100

141 87.1 72.4 108.6

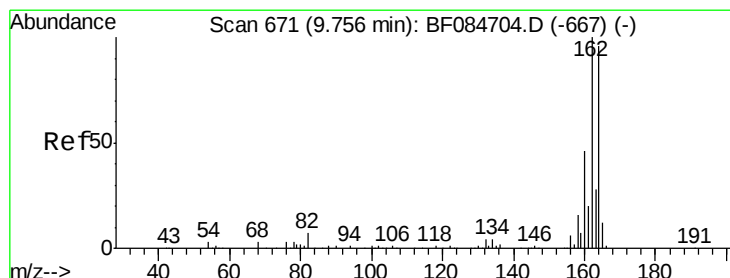
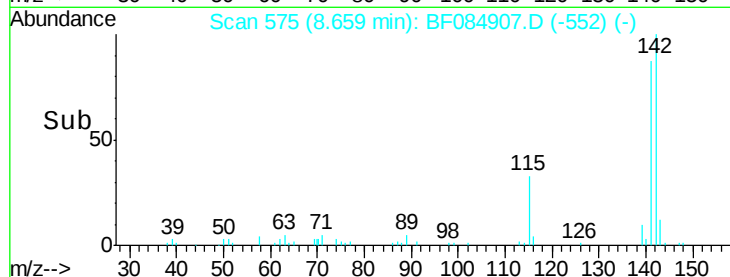
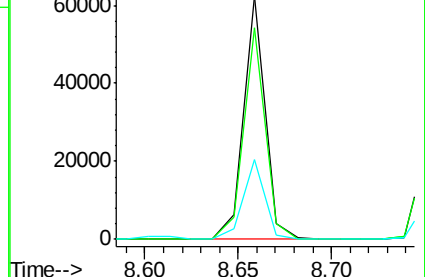
115 33.0 27.9 41.9



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: BF084907.D

Acq: 6 Feb 2016 13:08

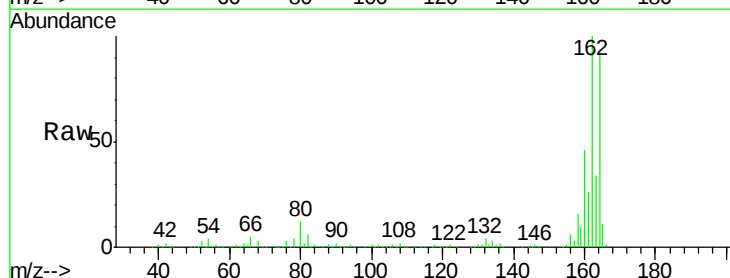
Tgt Ion:164 Resp: 301177

Ion Ratio Lower Upper

164 100

162 108.1 85.1 127.7

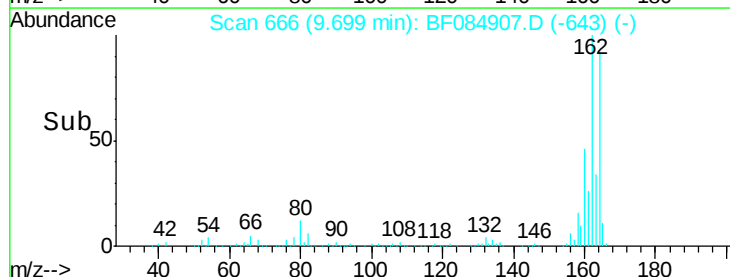
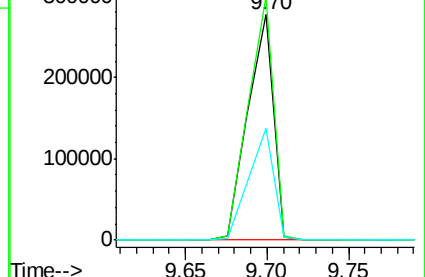
160 49.6 37.5 56.3

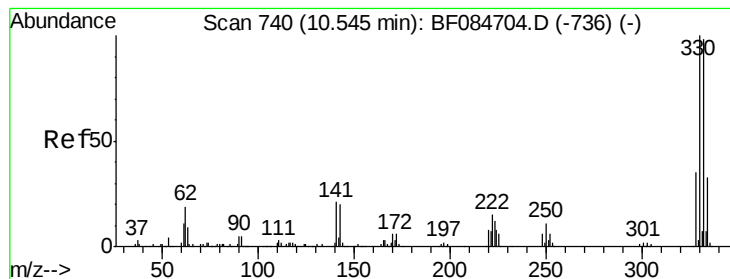


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 135.88 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.03 min

Lab File: BF084907.D

Acq: 6 Feb 2016 13:08

Instrument :

BNA_F

ClientSampleId :

SUP-B017(10-12)

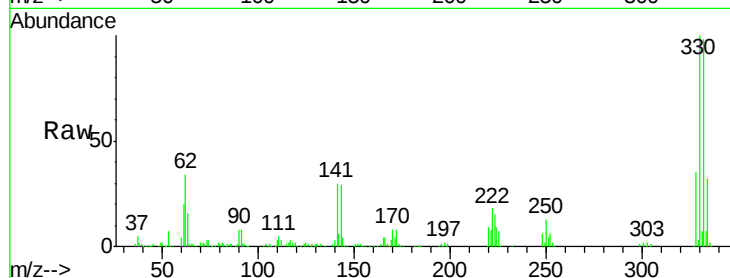
Tot Ion:330 Resp: 426864

Ion Ratio Lower Upper

330 100

332 97.9 76.6 114.8

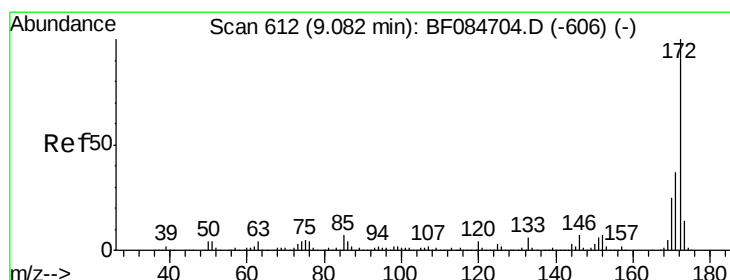
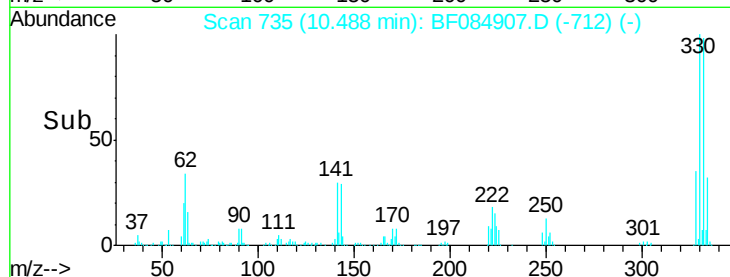
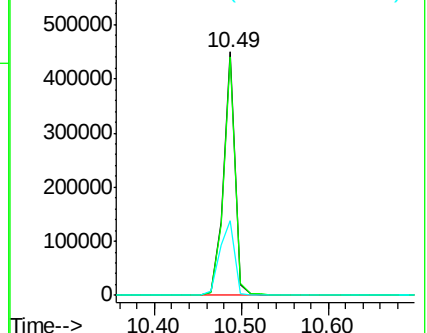
141 39.0 27.8 41.6



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: 106.00 ng

RT: 9.02 min Scan# 607

Delta R.T. -0.03 min

Lab File: BF084907.D

Acq: 6 Feb 2016 13:08

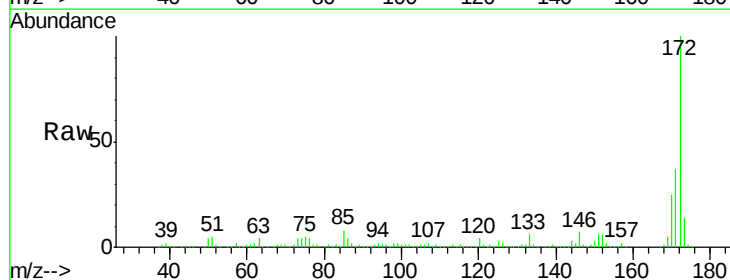
Tgt Ion:172 Resp: 1739005

Ion Ratio Lower Upper

172 100

171 36.8 28.9 43.3

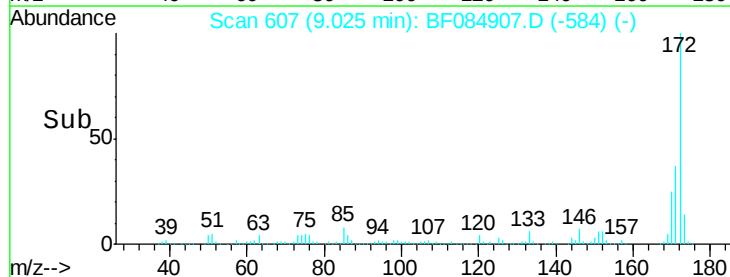
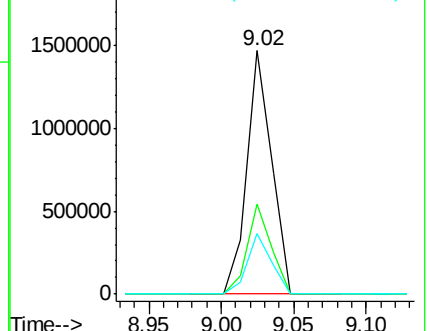
170 24.9 18.6 27.8

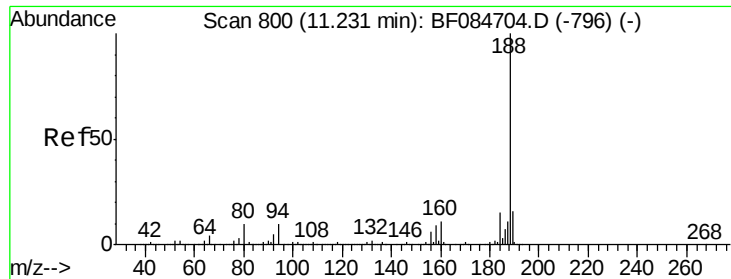


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

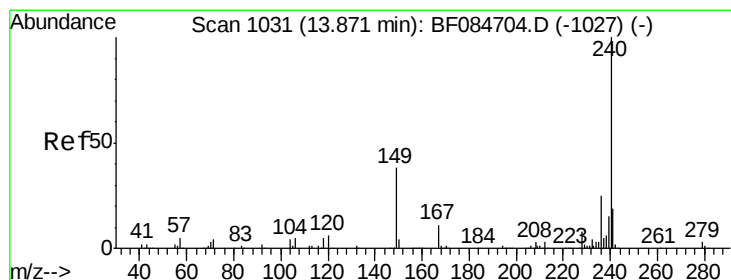
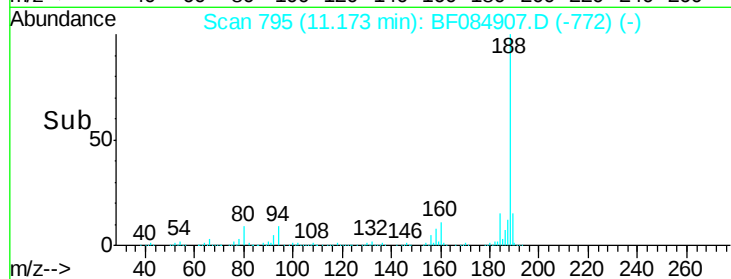
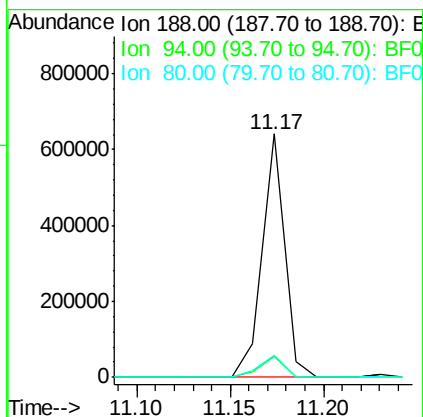
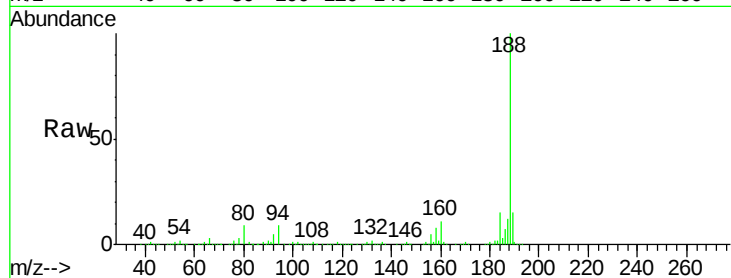




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.03 min
Lab File: BF084907.D
Acq: 6 Feb 2016 13:08

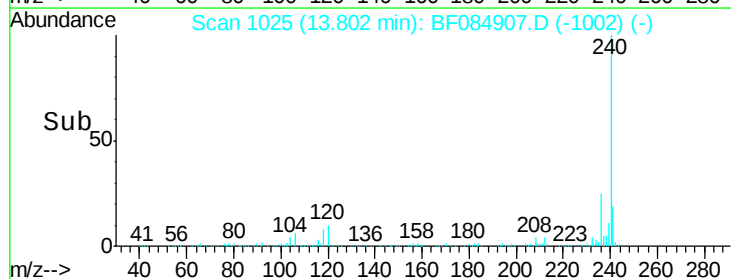
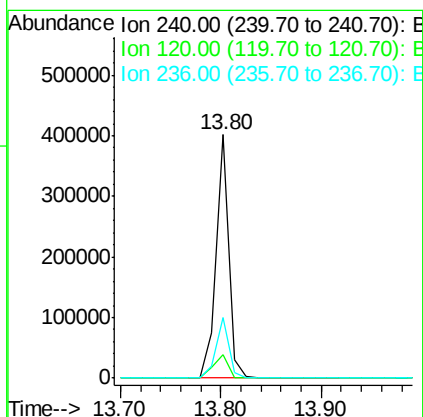
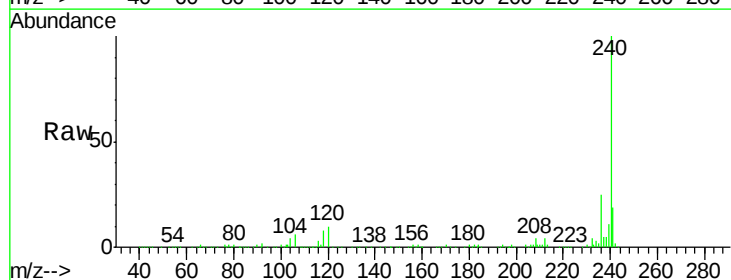
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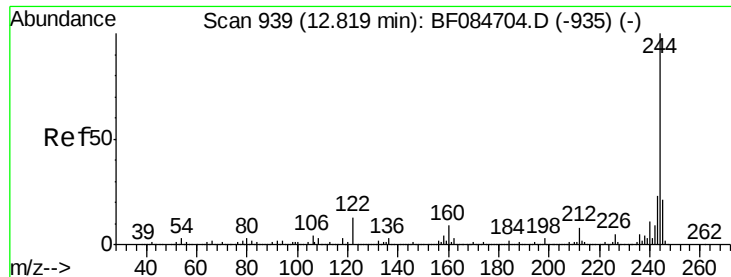
Tot Ion:188 Resp: 531770
Ion Ratio Lower Upper
188 100
94 8.6 9.0 13.4#
80 9.2 9.6 14.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1025
Delta R.T. -0.03 min
Lab File: BF084907.D
Acq: 6 Feb 2016 13:08

Tgt Ion:240 Resp: 352644
Ion Ratio Lower Upper
240 100
120 9.6 9.5 14.3
236 24.9 20.6 31.0





#78

Terphenyl-d14

Concen: 88.76 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF084907.D

Acq: 6 Feb 2016 13:08

Instrument :

BNA_F

ClientSampleId :

SUP-B017(10-12)

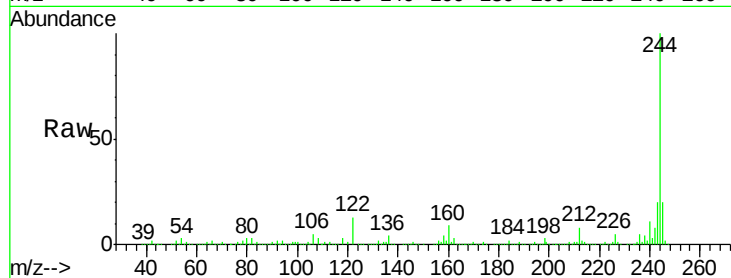
Tot Ion:244 Resp: 1381265

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

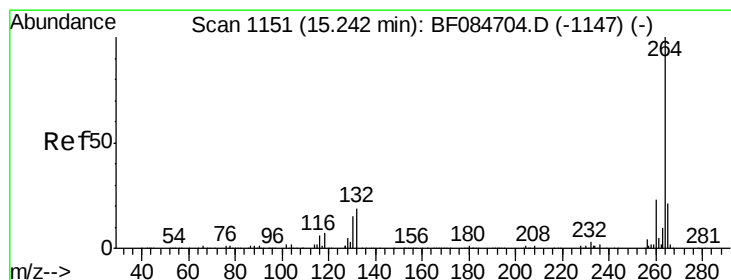
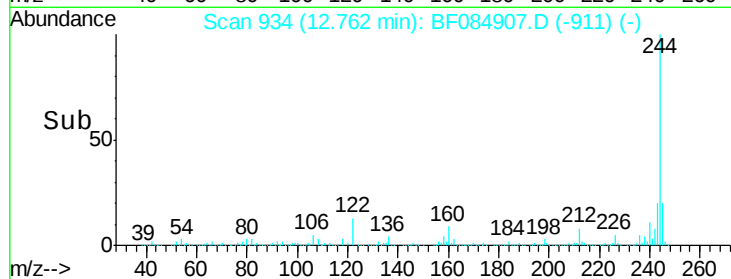
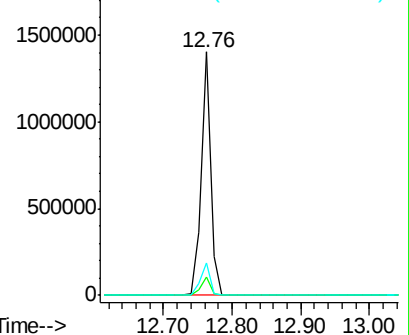
122 13.4 7.4 11.0#



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: BF084907.D

Acq: 6 Feb 2016 13:08

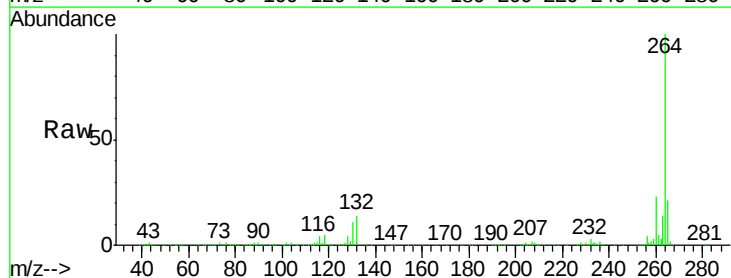
Tgt Ion:264 Resp: 319505

Ion Ratio Lower Upper

264 100

260 22.9 19.4 29.2

265 20.8 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

