

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092716\
 Data File : BF090257.D
 Acq On : 27 Sep 2016 17:43
 Operator : UM/SJ
 Sample : H4933-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B6-9.5-10

Quant Time: Sep 28 00:42:33 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 26 15:58:38 2016
 Response via : Initial Calibration

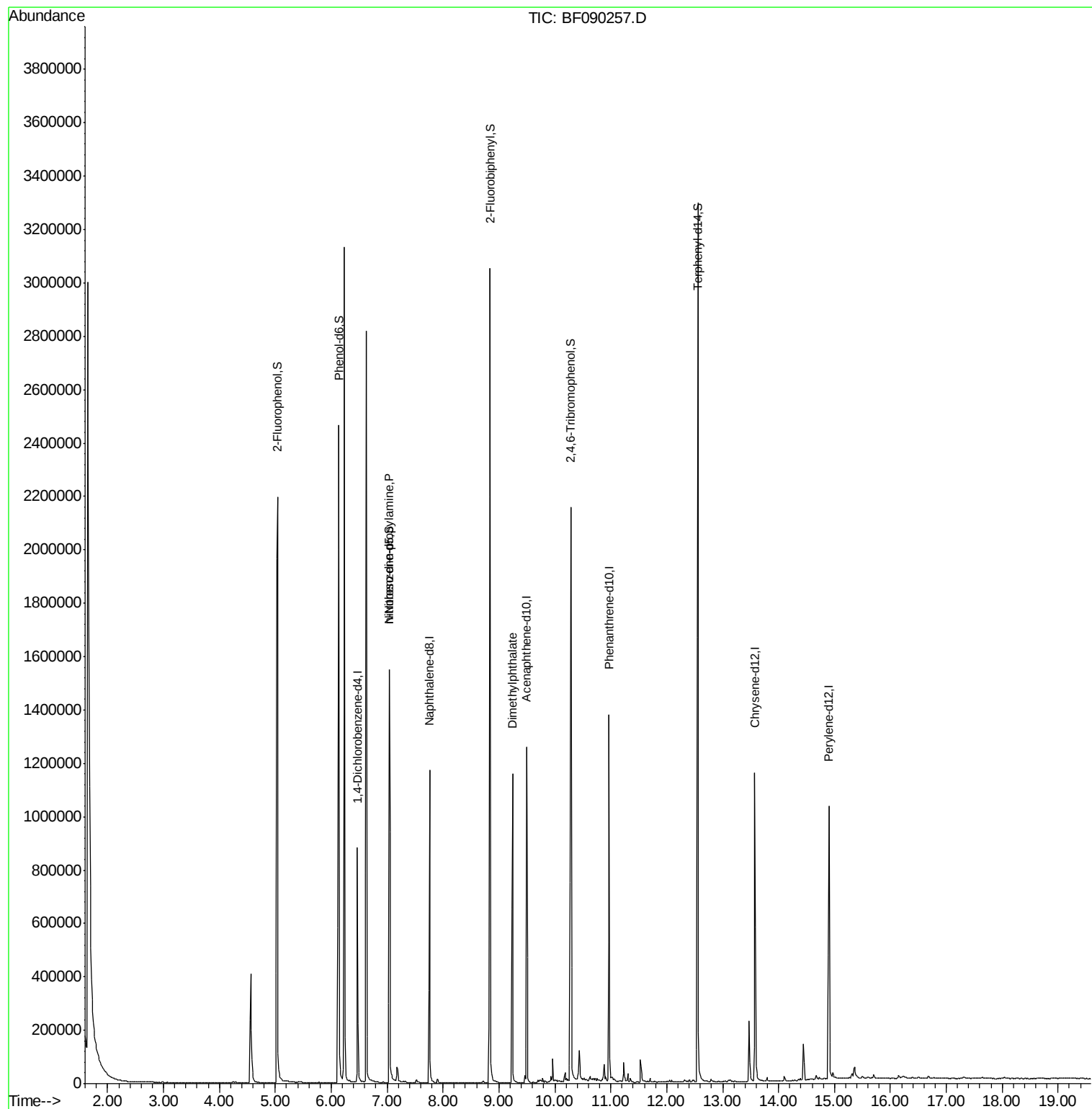
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.47	152	146412	20.00	ng	-0.01
21) Naphthalene-d8	7.76	136	591542	20.00	ng	-0.01
38) Acenaphthene-d10	9.50	164	315538	20.00	ng	-0.01
63) Phenanthrene-d10	10.97	188	576608	20.00	ng	-0.01
75) Chrysene-d12	13.58	240	497920	20.00	ng	-0.02
86) Perylene-d12	14.90	264	427842	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	1090676	121.42	ng	0.01
7) Phenol-d6	6.14	99	1507021	135.85	ng	0.00
23) Nitrobenzene-d5	7.04	82	767147	75.18	ng	-0.02
41) 2,4,6-Tribromophenol	10.28	330	314834	116.30	ng	-0.01
44) 2-Fluorobiphenyl	8.84	172	1371187	85.31	ng	-0.01
78) Terphenyl-d14	12.56	244	1220346	62.22	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.04	70	86697	13.30	ng	Qvalue # 80
49) Dimethylphthalate	9.24	163	647960	32.24	ng	99

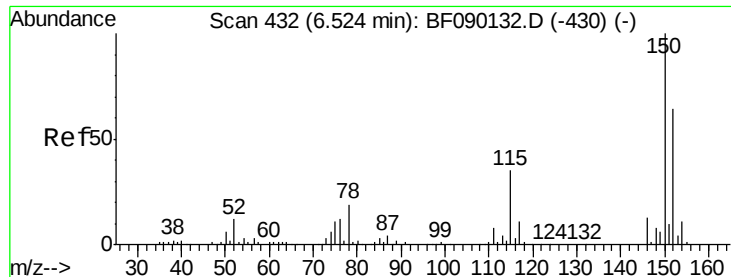
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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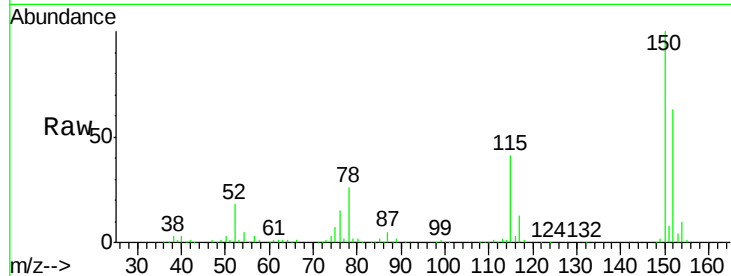


#1

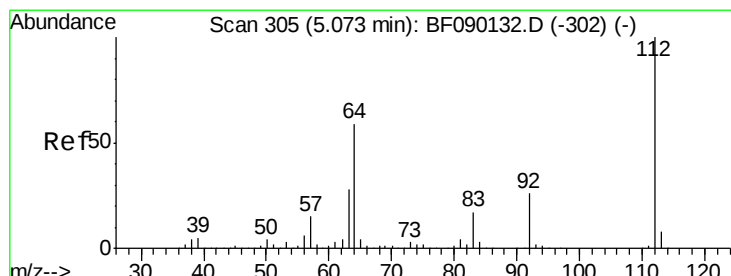
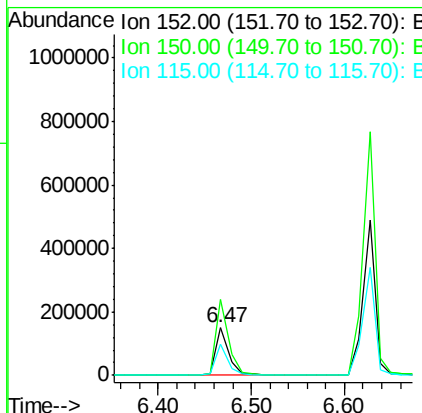
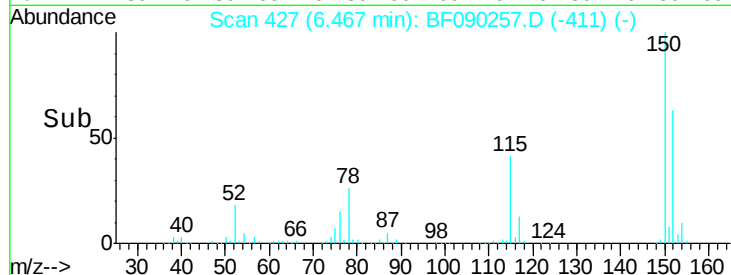
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.47 min Scan# 427
Delta R.T. -0.01 min
Lab File: BF090257.D
Acq: 27 Sep 2016 17:43

Instrument :
BNA_F
ClientSampleId :
B6-9.5-10

Tgt Ion:152 Resp: 146412
Ion Ratio Lower Upper
152 100
150 160.0 128.9 193.3
115 66.3 55.5 83.3



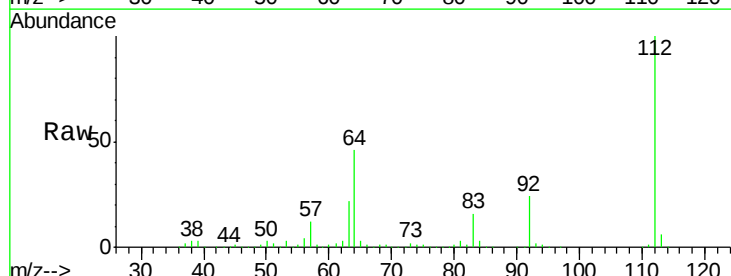
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



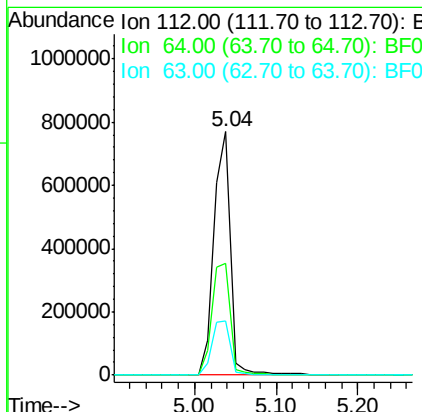
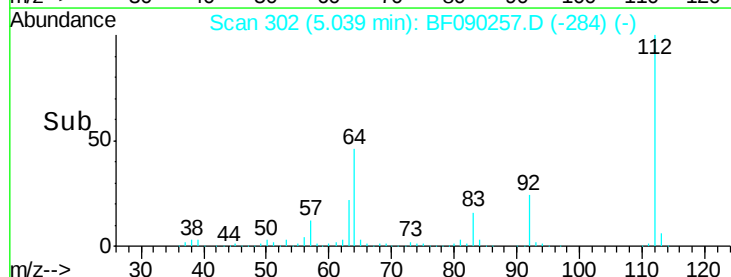
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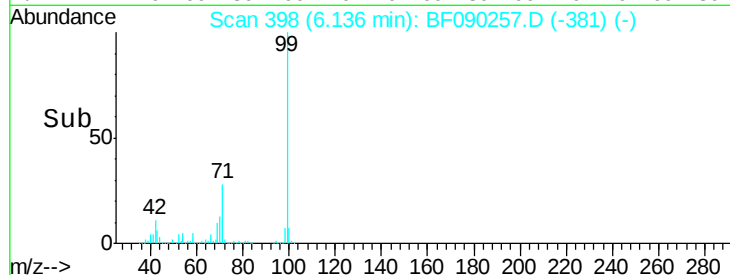
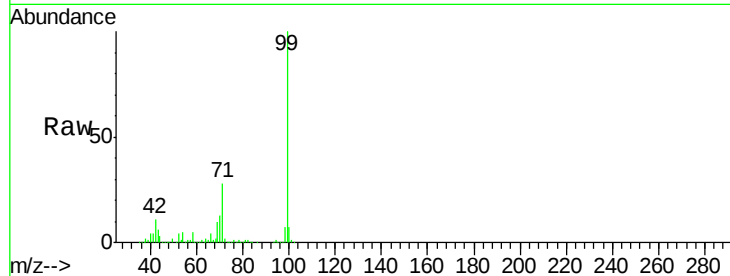
2-Fluorophenol
Concen: 121.42 ng
RT: 5.04 min Scan# 302
Delta R.T. 0.01 min
Lab File: BF090257.D
Acq: 27 Sep 2016 17:43

Tgt Ion:112 Resp: 1090676
Ion Ratio Lower Upper
112 100
64 45.9 39.8 59.6
63 22.4 18.9 28.3



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: 135.85 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF090257.D

Acq: 27 Sep 2016 17:43

Instrument :

BNA_F

ClientSampleId :

B6-9.5-10

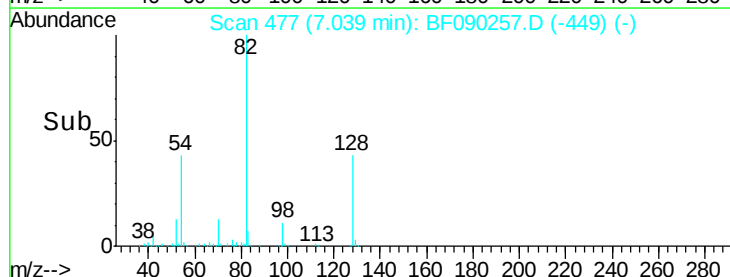
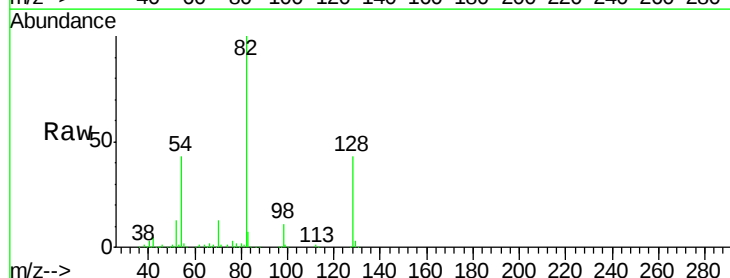
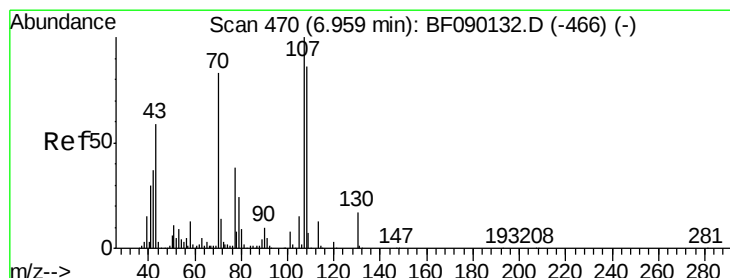
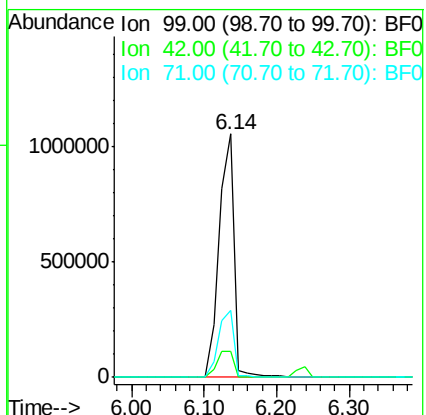
Tgt Ion: 99 Resp: 1507021

Ion Ratio Lower Upper

99 100

42 10.7 10.6 15.8

71 27.5 23.0 34.6



#19

n-Nitroso-di-n-propylamine

Concen: 13.30 ng

RT: 7.04 min Scan# 477

Delta R.T. 0.13 min

Lab File: BF090257.D

Acq: 27 Sep 2016 17:43

Tgt Ion: 70 Resp: 86697

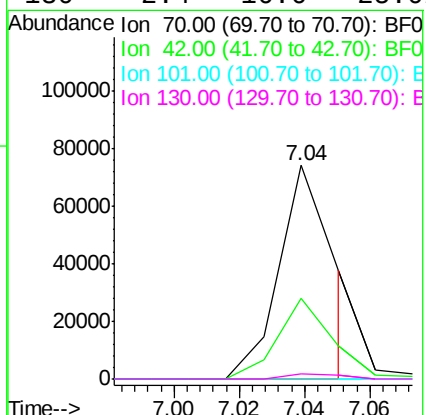
Ion Ratio Lower Upper

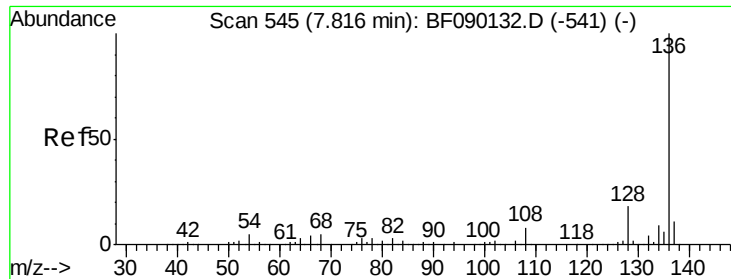
70 100

42 37.9 35.1 52.7

101 0.0 7.5 11.3#

130 2.4 16.6 25.0#

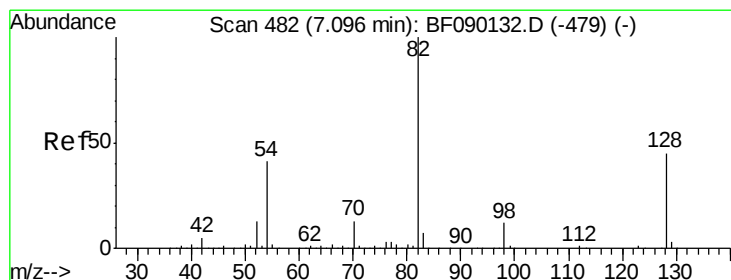
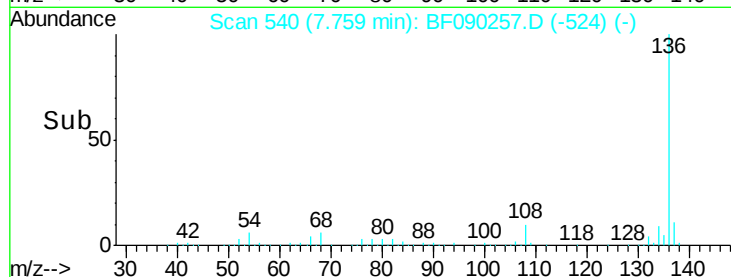
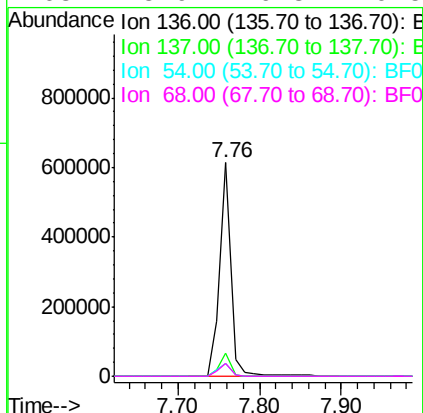
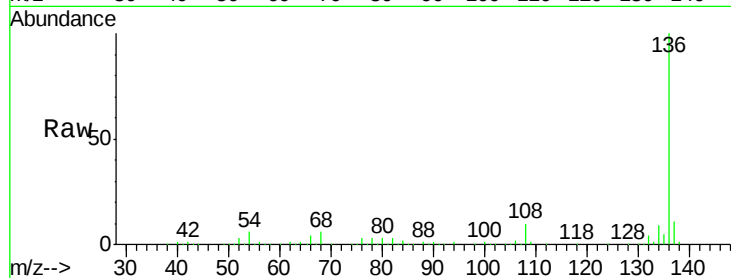




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.76 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF090257.D
Acq: 27 Sep 2016 17:43

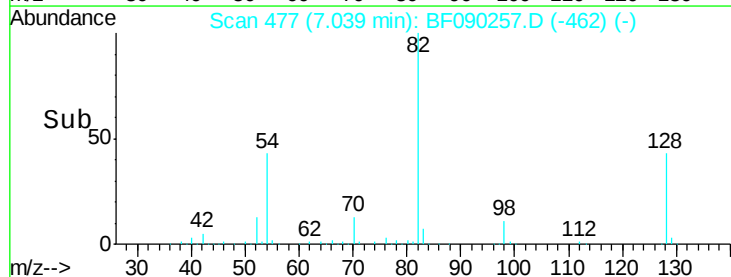
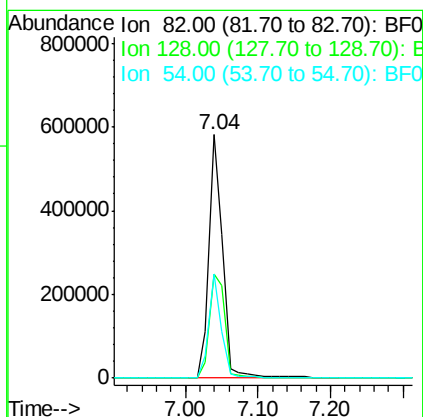
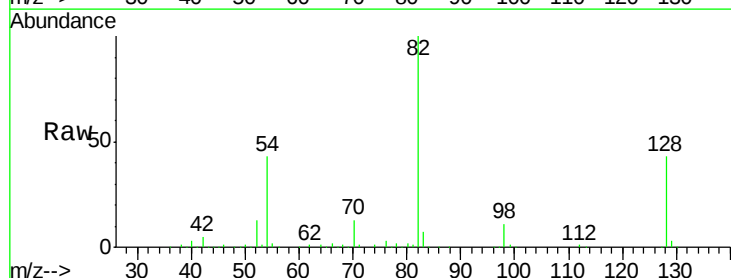
Instrument :
BNA_F
ClientSampleId :
B6-9.5-10

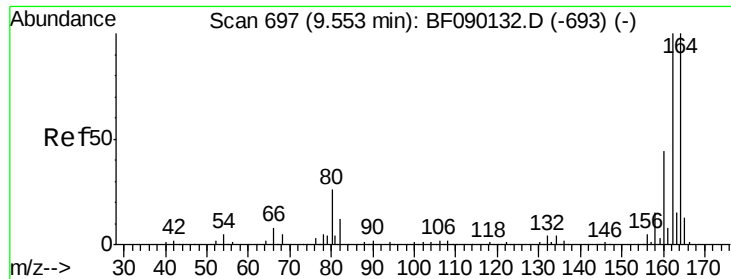
Tgt Ion:	136	Resp:	591542
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.2	6.4	9.6#
68	5.9	6.3	9.5#



#23
Nitrobenzene-d5
Concen: 75.18 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.02 min
Lab File: BF090257.D
Acq: 27 Sep 2016 17:43

Tgt Ion:	82	Resp:	767147
Ion	Ratio	Lower	Upper
82	100		
128	42.5	37.5	56.3
54	43.0	31.9	47.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.50 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF090257.D

Acq: 27 Sep 2016 17:43

Instrument :

BNA_F

ClientSampleId :

B6-9.5-10

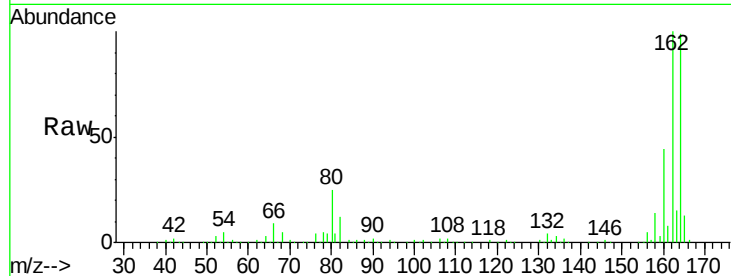
Tgt Ion:164 Resp: 315538

Ion Ratio Lower Upper

164 100

162 100.5 81.4 122.2

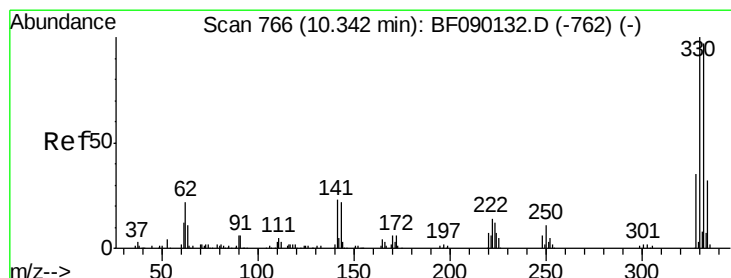
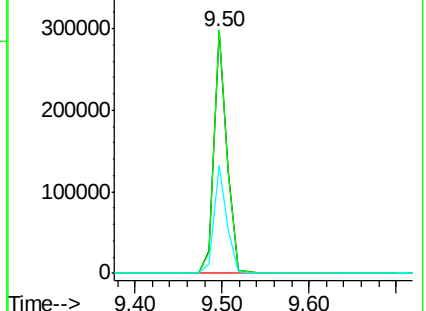
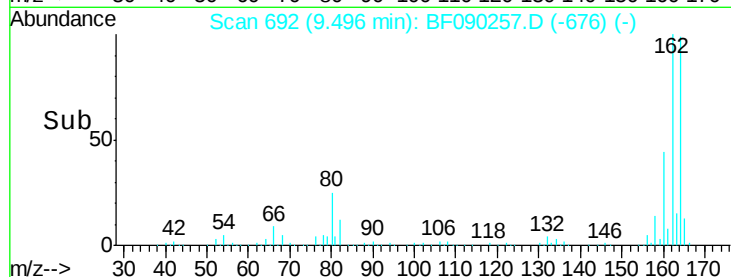
160 44.6 36.6 54.8



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: 116.30 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF090257.D

Acq: 27 Sep 2016 17:43

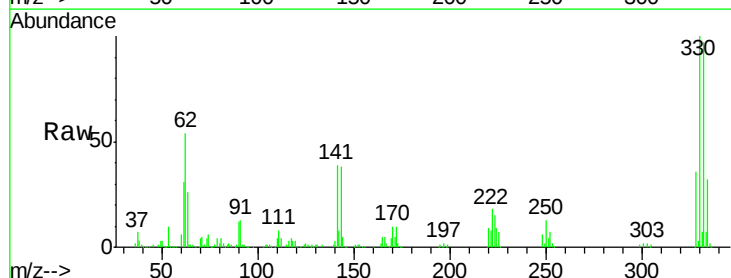
Tgt Ion:330 Resp: 314834

Ion Ratio Lower Upper

330 100

332 97.5 78.1 117.1

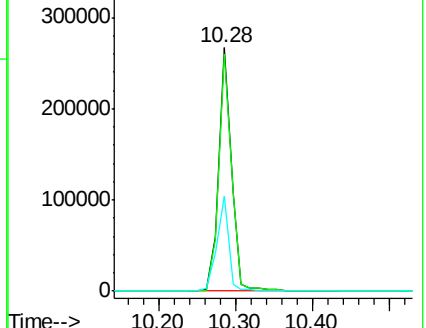
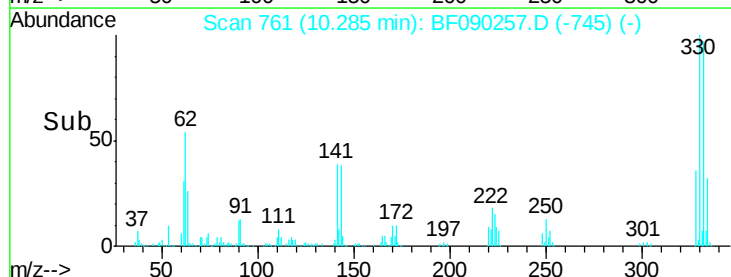
141 35.4 23.9 35.9

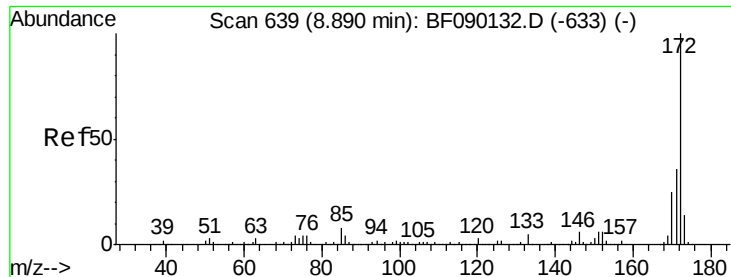


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

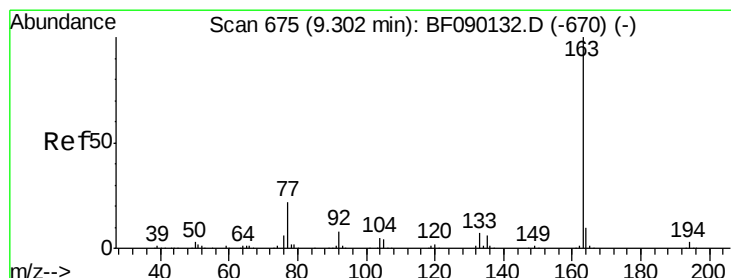
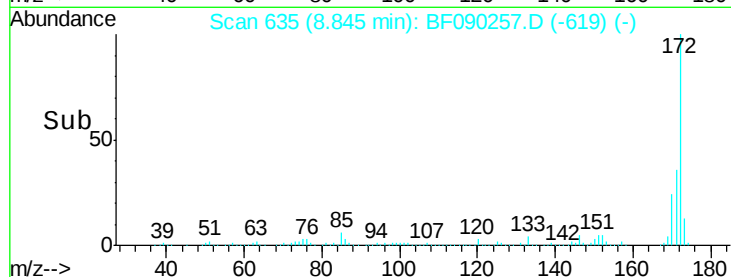
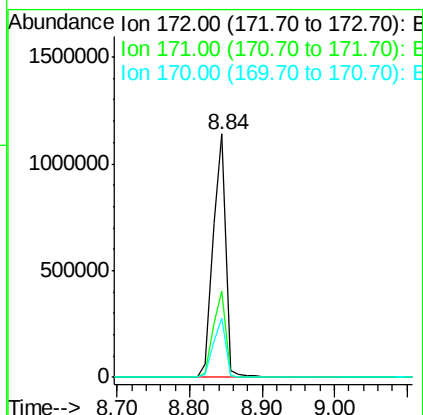
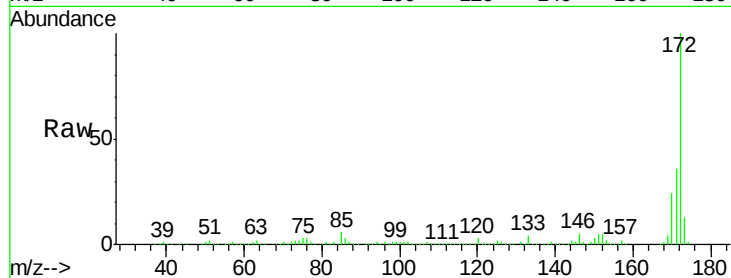




#44
 2-Fluorobiphenyl
 Concen: 85.31 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF090257.D
 Acq: 27 Sep 2016 17:43

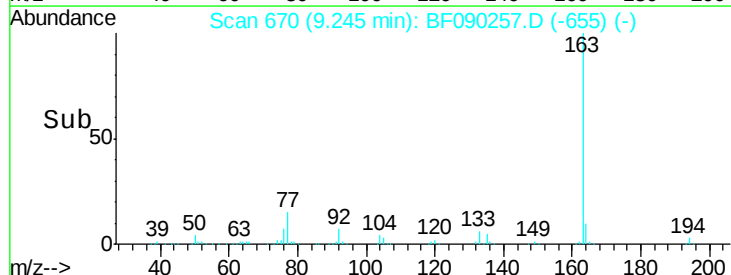
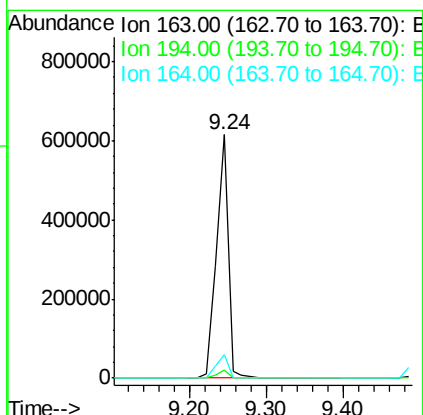
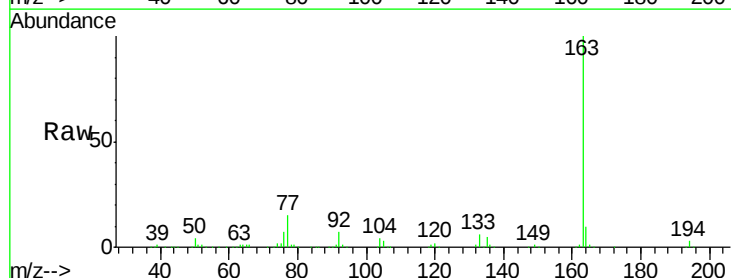
Instrument :
 BNA_F
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 B6-9.5-10

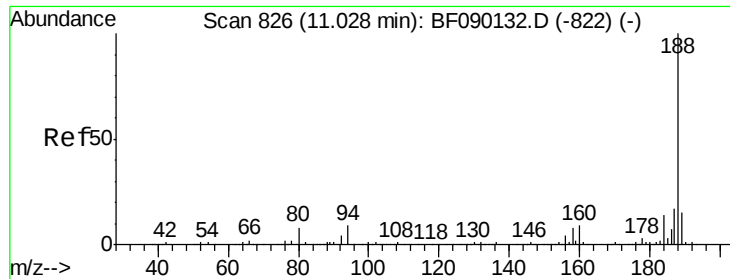
Tgt Ion:172 Resp: 1371187
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.2 43.8
 170 24.1 19.8 29.8



#49
 Dimethylphthalate
 Concen: 32.24 ng
 RT: 9.24 min Scan# 670
 Delta R.T. -0.02 min
 Lab File: BF090257.D
 Acq: 27 Sep 2016 17:43

Tgt Ion:163 Resp: 647960
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.8 4.2
 164 9.8 8.1 12.1

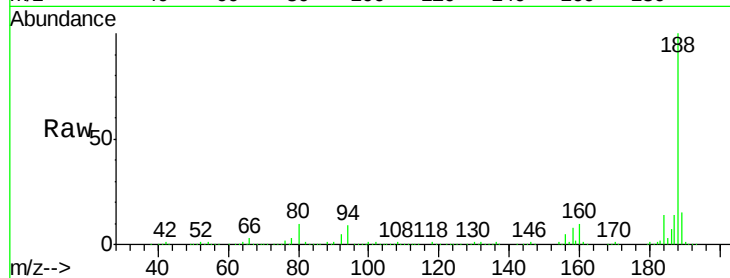




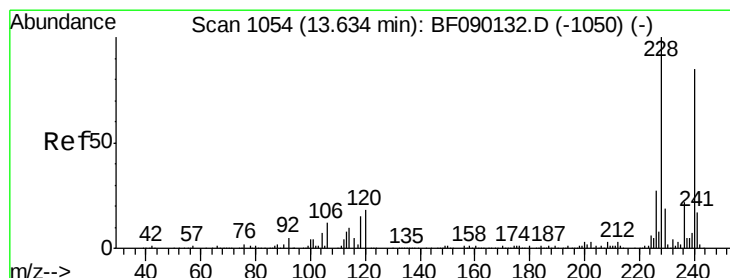
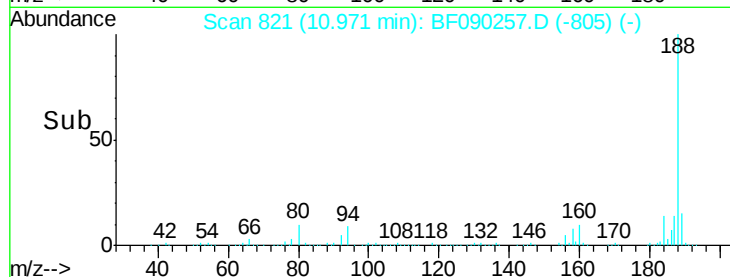
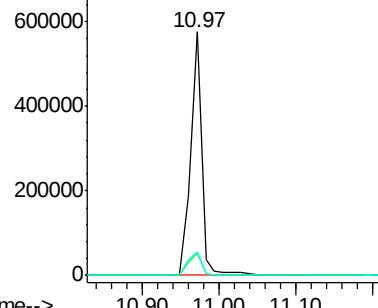
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF090257.D
Acq: 27 Sep 2016 17:43

Instrument :
BNA_F
ClientSampleId :
B6-9.5-10

Tgt Ion:188 Resp: 576608
Ion Ratio Lower Upper
188 100
94 9.3 10.5 15.7#
80 9.7 11.2 16.8#

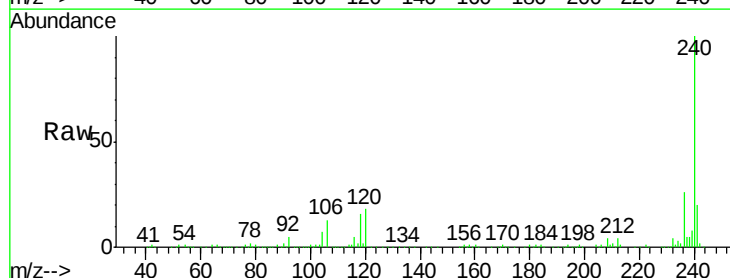


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

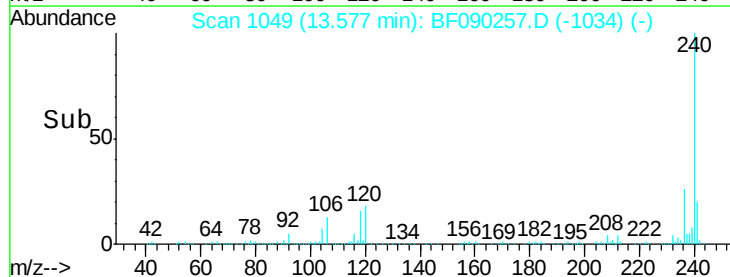
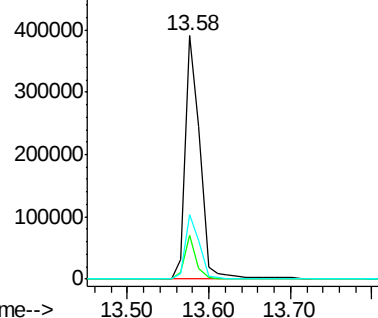


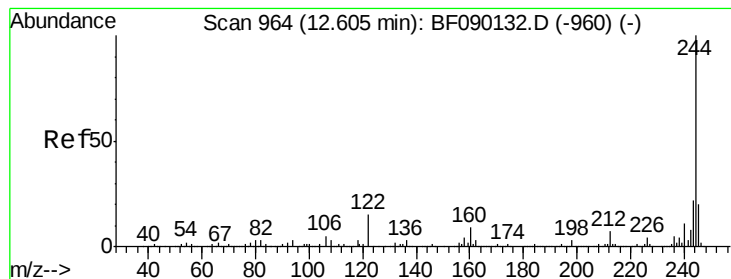
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.58 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BF090257.D
Acq: 27 Sep 2016 17:43

Tgt Ion:240 Resp: 497920
Ion Ratio Lower Upper
240 100
120 18.2 10.6 16.0#
236 26.3 21.6 32.4



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: 62.22 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF090257.D

Acq: 27 Sep 2016 17:43

Instrument :

BNA_F

ClientSampleId :

B6-9.5-10

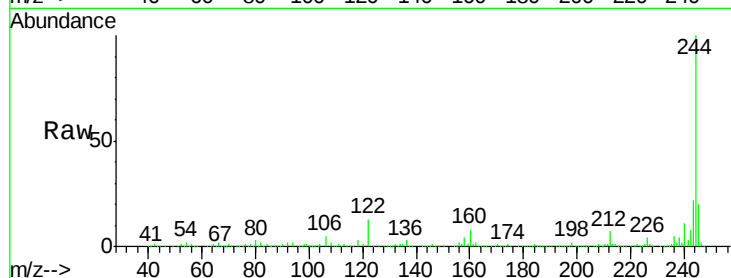
Tgt Ion:244 Resp: 1220346

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

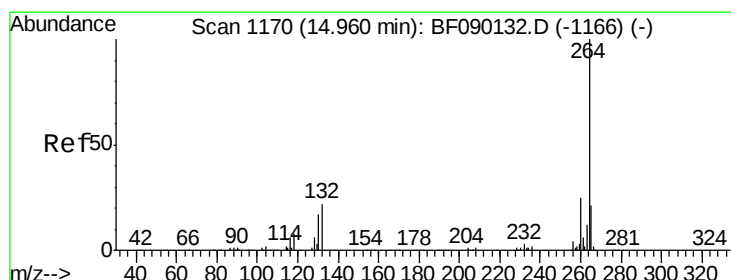
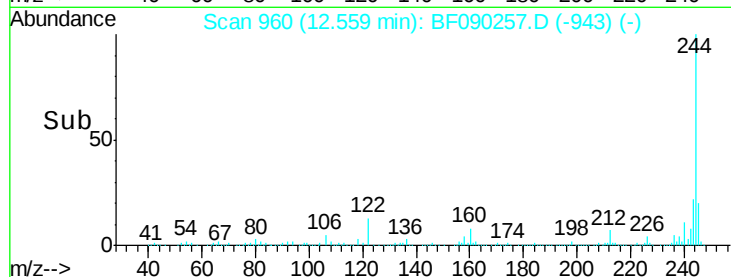
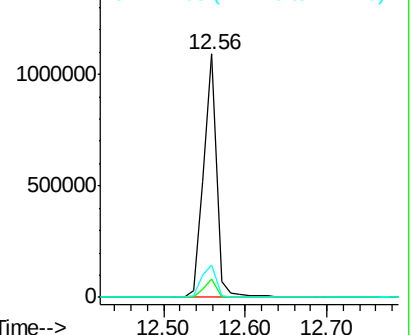
122 13.4 9.4 14.0



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: 14.90 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF090257.D

Acq: 27 Sep 2016 17:43

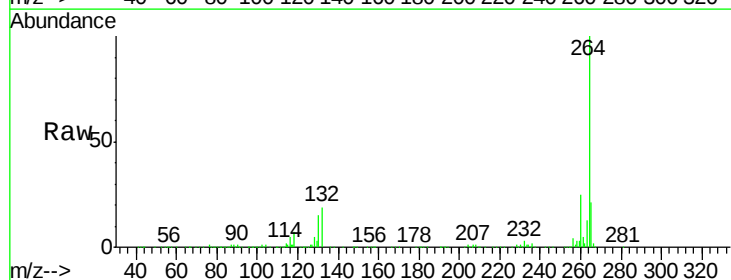
Tgt Ion:264 Resp: 427842

Ion Ratio Lower Upper

264 100

260 25.0 19.5 29.3

265 21.2 17.0 25.4



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

