

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102716\
 Data File : BF090891.D
 Acq On : 28 Oct 2016 2:30
 Operator : UM/SJ
 Sample : H5423-15
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-8COMP(0-16FEET)

Quant Time: Oct 28 05:15:11 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 27 18:46:43 2016
 Response via : Initial Calibration

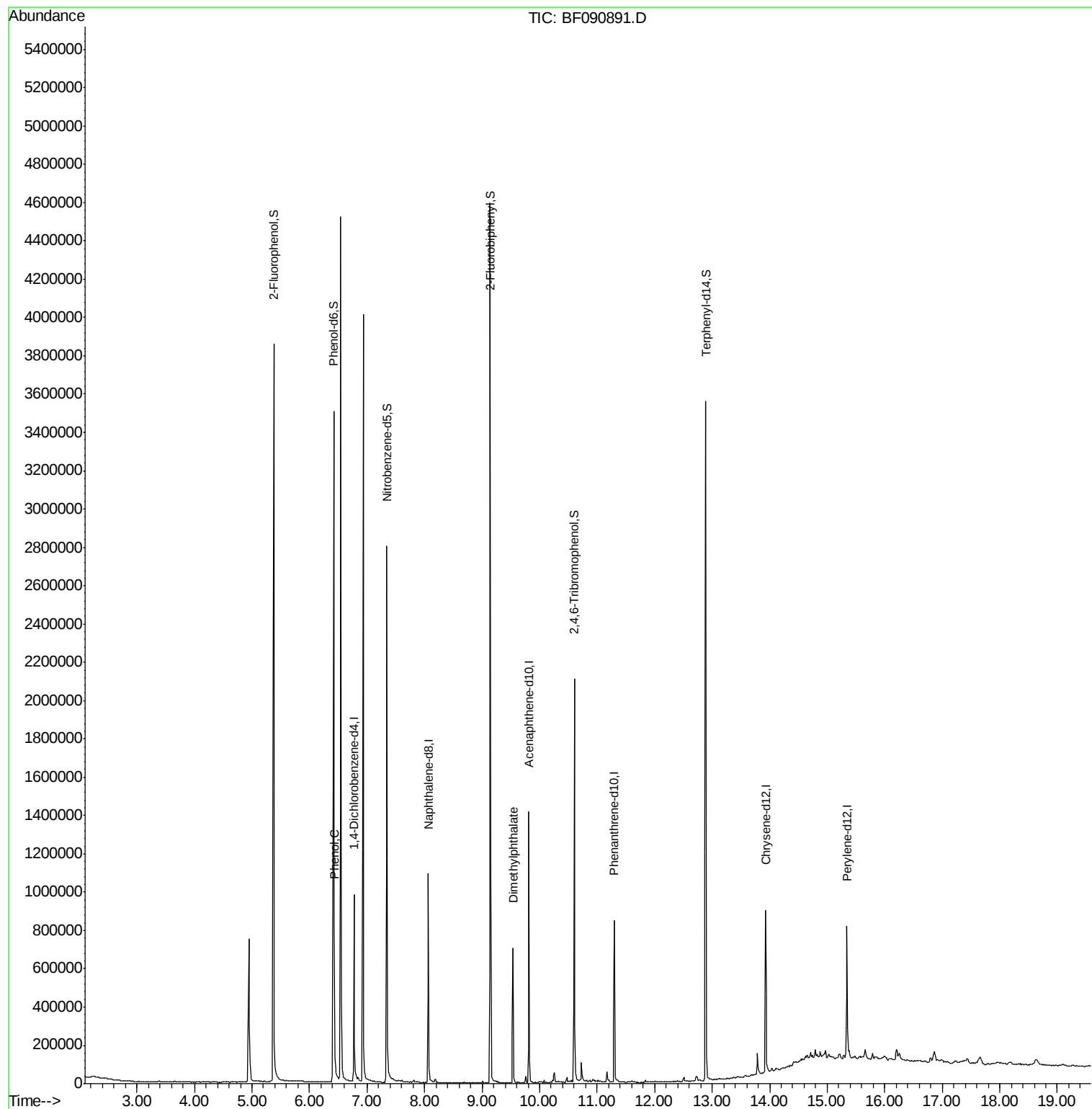
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	151474	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	593083	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	272523	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	334759	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	304098	20.00	ng	-0.02
86) Perylene-d12	15.35	264	287187	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1361497	157.15	ng	0.01
7) Phenol-d6	6.42	99	1550163	132.63	ng	0.00
23) Nitrobenzene-d5	7.34	82	1131607	124.91	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	231027	82.49	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1482547	95.53	ng	-0.01
78) Terphenyl-d14	12.89	244	1145588	94.91	ng	-0.01
Target Compounds						
10) Phenol	6.43	94	58636	4.55	ng	# 56
49) Dimethylphthalate	9.54	163	316377	17.38	ng	# 97

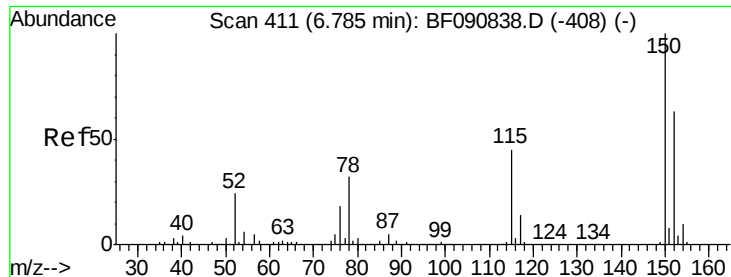
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 27 18:46:43 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF090891.D

Acq: 28 Oct 2016 2:30

Instrument :

BNA_F

ClientSampleId :

SB-8COMP(0-16FEET)

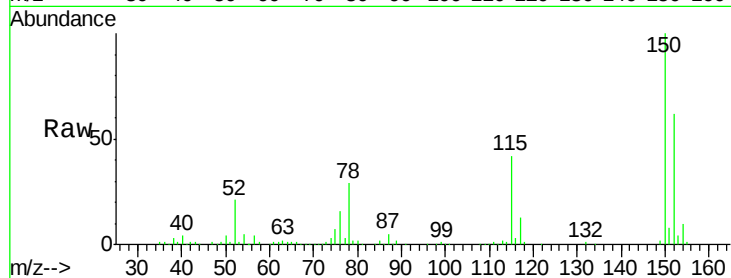
Tot Ion:152 Resp: 151474

Ion Ratio Lower Upper

152 100

150 162.5 124.7 187.1

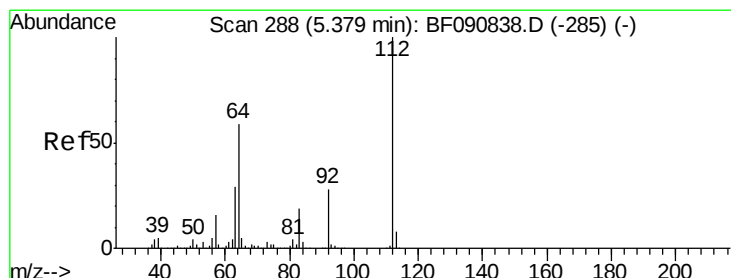
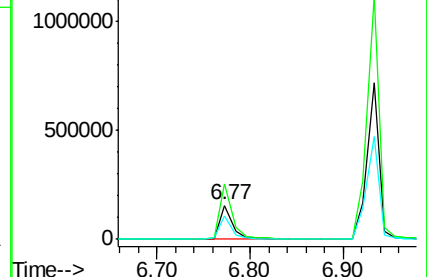
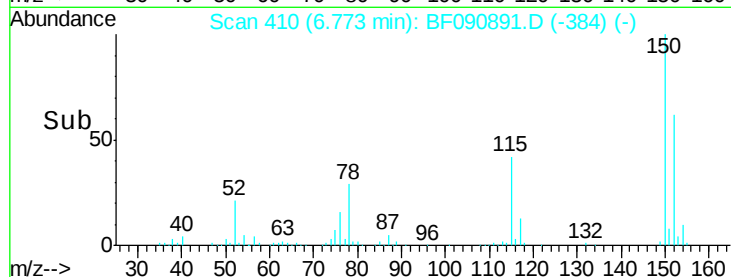
115 68.3 39.0 58.4#



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



#5

2-Fluorophenol

Concen: 157.15 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF090891.D

Acq: 28 Oct 2016 2:30

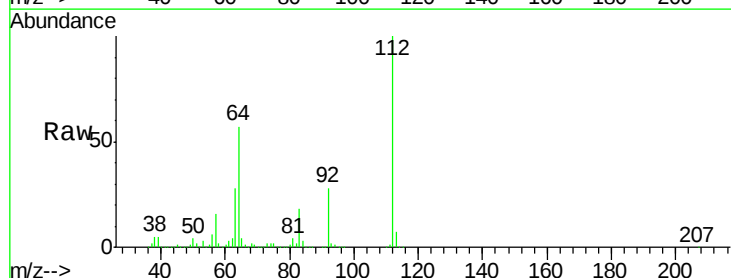
Tgt Ion:112 Resp: 1361497

Ion Ratio Lower Upper

112 100

64 56.7 39.7 59.5

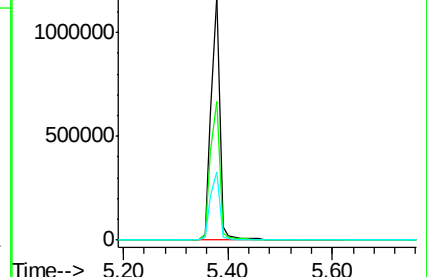
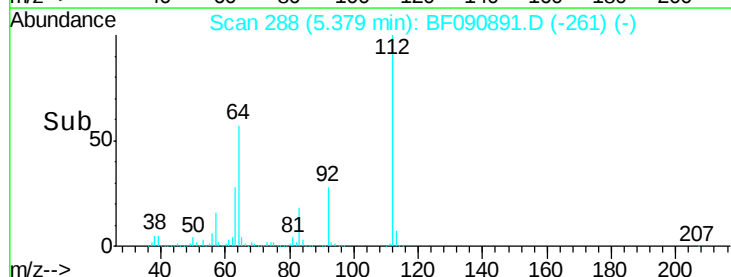
63 28.2 17.4 26.0#



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: 132.63 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF090891.D

Acq: 28 Oct 2016 2:30

Instrument :

BNA_F

ClientSampleId :

SB-8COMP(0-16FEET)

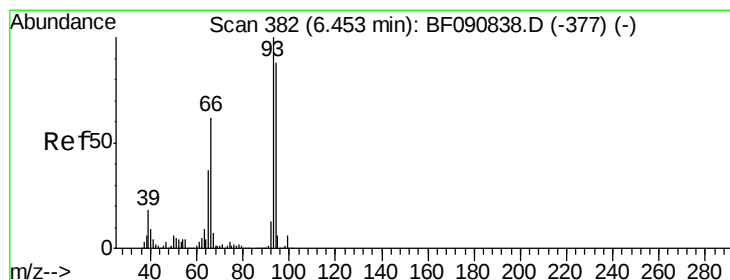
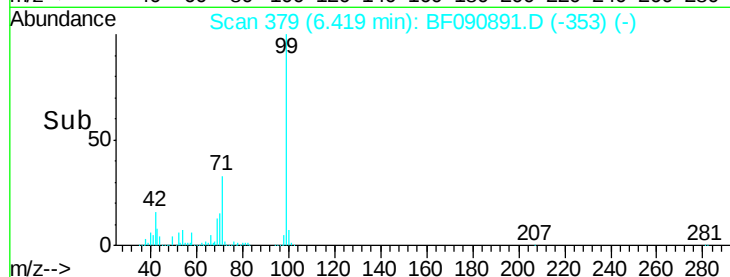
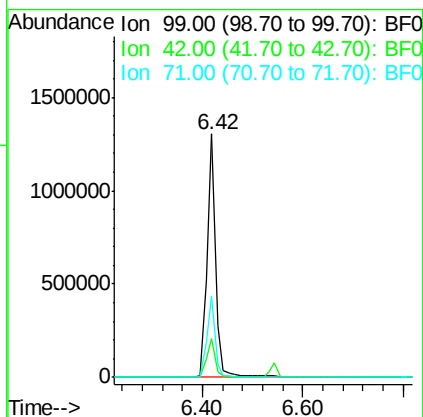
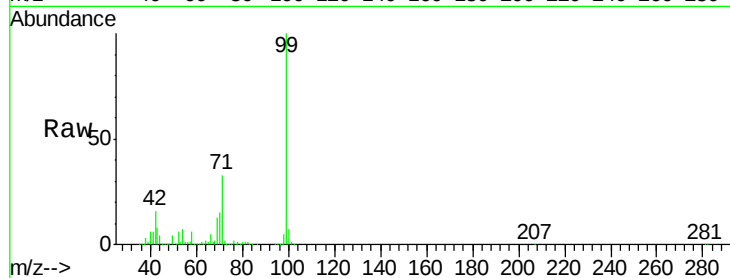
Tot Ion: 99 Resp: 1550163

Ion Ratio Lower Upper

99 100

42 16.2 13.7 20.5

71 33.1 14.2 21.2#



#10

Phenol

Concen: 4.55 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF090891.D

Acq: 28 Oct 2016 2:30

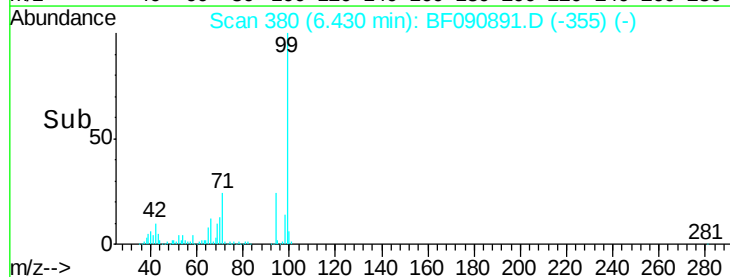
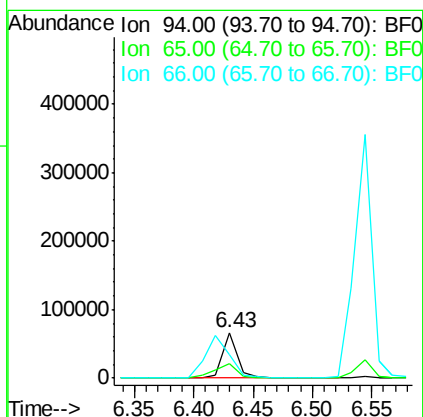
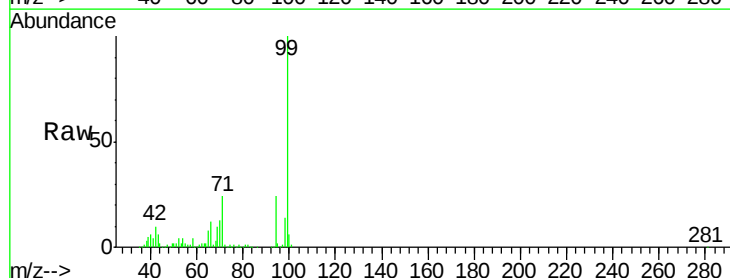
Tgt Ion: 94 Resp: 58636

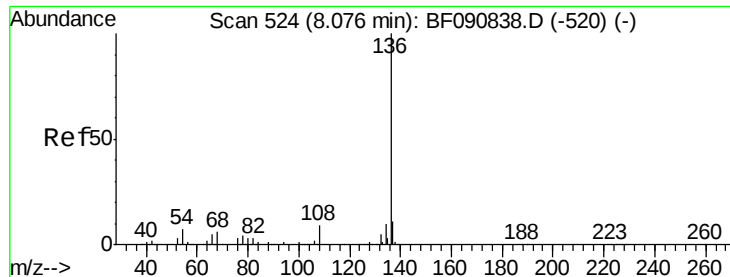
Ion Ratio Lower Upper

94 100

65 31.9 0.7 40.7

66 50.8 0.8 40.8#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF090891.D

Acq: 28 Oct 2016 2:30

Instrument :

BNA_F

ClientSampleId :

SB-8COMP(0-16FEET)

Tot Ion:136 Resp: 593083

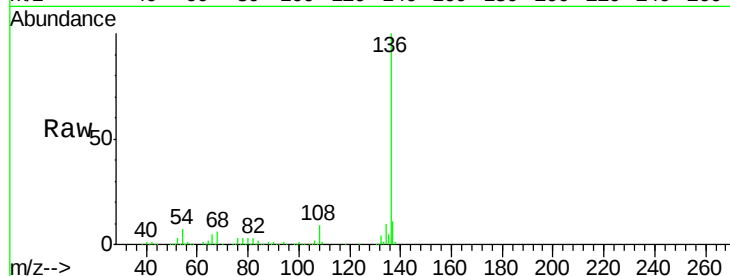
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 6.6 8.2 12.2#

68 6.0 5.8 8.6

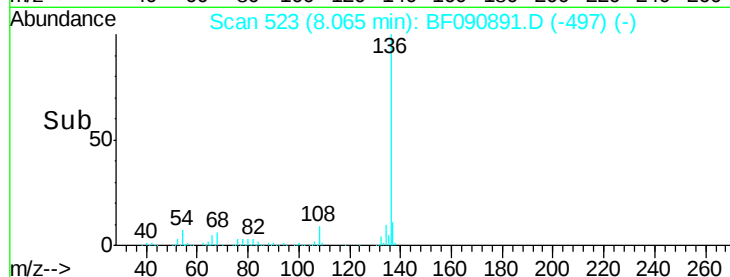


Abundance Ion 136.00 (135.70 to 136.70): E

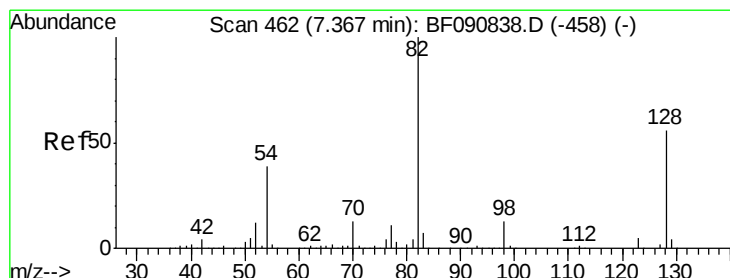
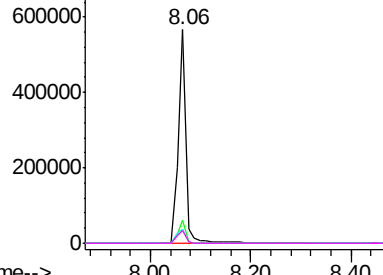
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 124.91 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF090891.D

Acq: 28 Oct 2016 2:30

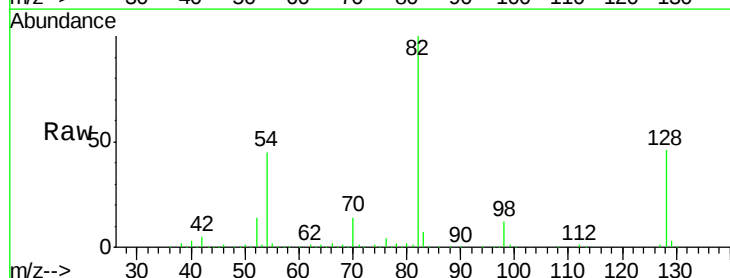
Tgt Ion: 82 Resp: 1131607

Ion Ratio Lower Upper

82 100

128 46.2 51.0 76.6#

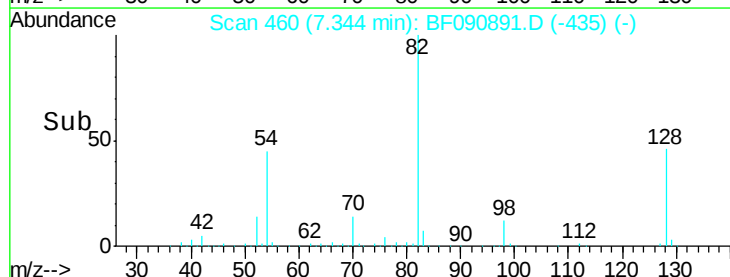
54 44.7 47.5 71.3#



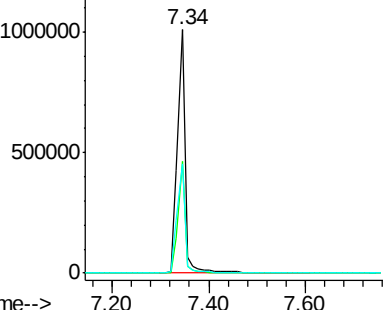
Abundance Ion 82.00 (81.70 to 82.70): BF0

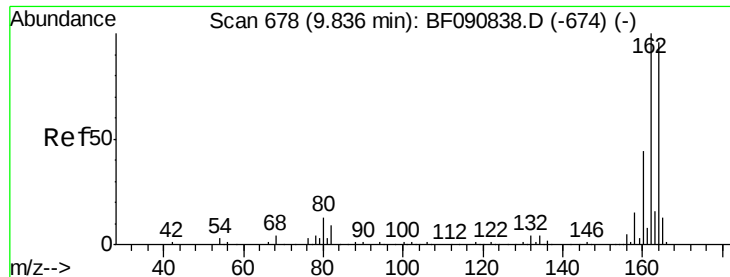
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

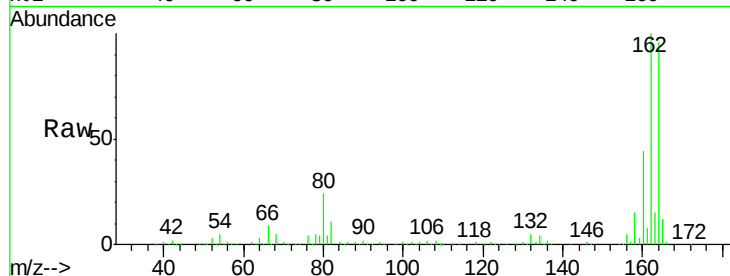




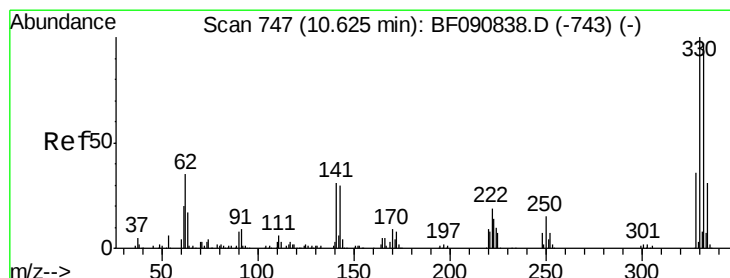
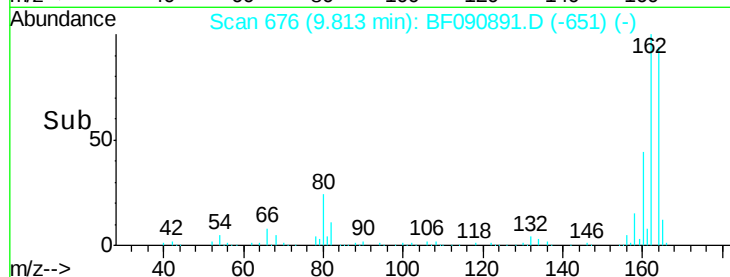
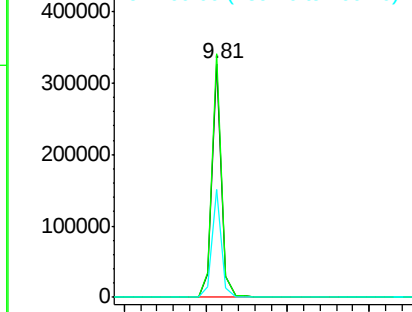
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF090891.D
Acq: 28 Oct 2016 2:30

Instrument :
BNA_F
ClientSampleId :
SB-8COMP(0-16FEET)

Tot Ion:164 Resp: 272523
Ion Ratio Lower Upper
164 100
162 104.1 75.2 112.8
160 46.3 31.5 47.3

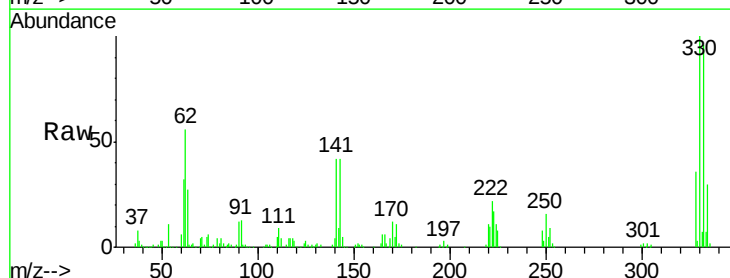


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

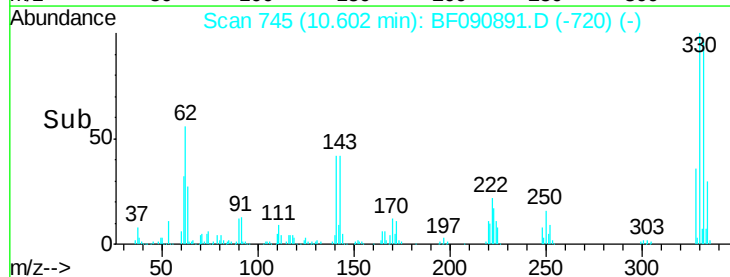
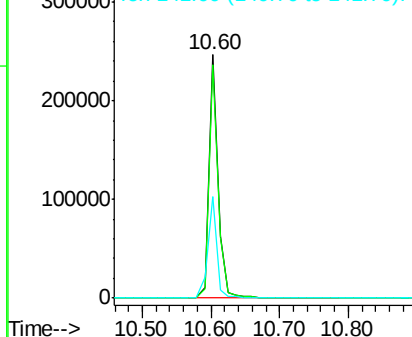


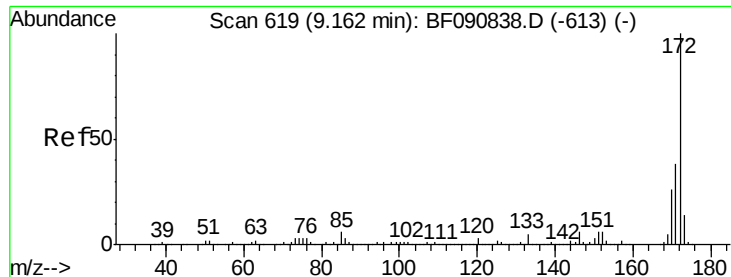
#41
2,4,6-Tribromophenol
Concen: 82.49 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF090891.D
Acq: 28 Oct 2016 2:30

Tgt Ion:330 Resp: 231027
Ion Ratio Lower Upper
330 100
332 96.1 76.6 114.8
141 41.0 29.7 44.5



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

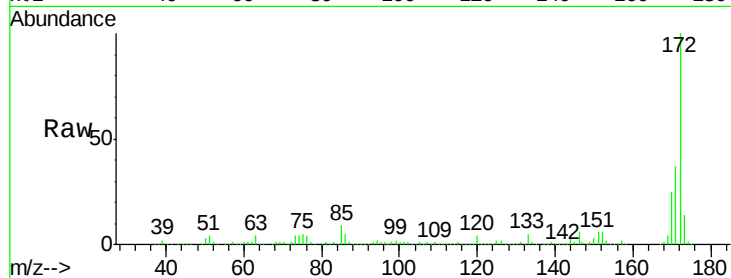




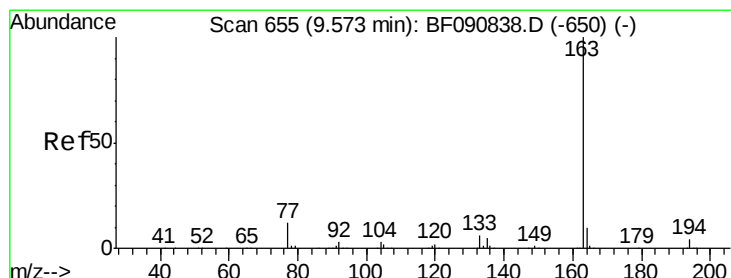
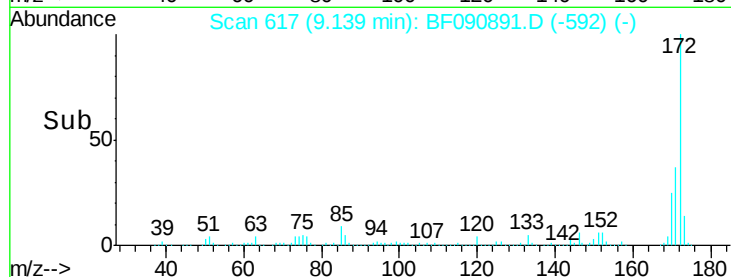
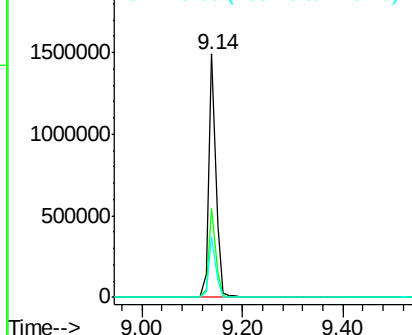
#44
2-Fluorobiphenyl
Concen: 95.53 ng
RT: 9.14 min Scan# 617
Delta R.T. -0.01 min
Lab File: BF090891.D
Acq: 28 Oct 2016 2:30

Instrument :
BNA_F
ClientSampleId :
SB-8COMP(0-16FEET)

Tot Ion:172 Resp: 1482547
Ion Ratio Lower Upper
172 100
171 36.7 26.1 39.1
170 25.0 17.4 26.2

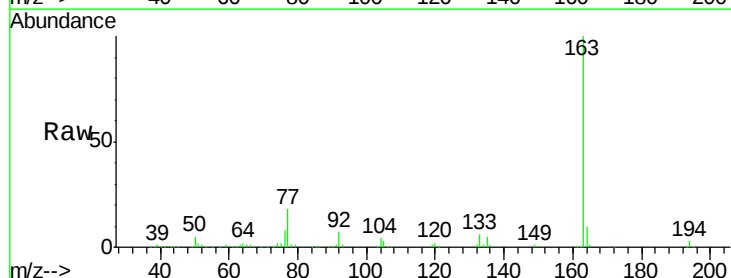


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

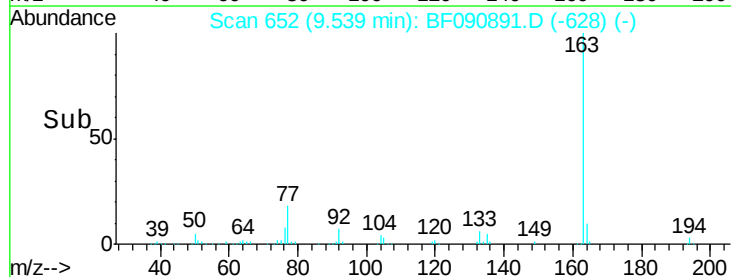
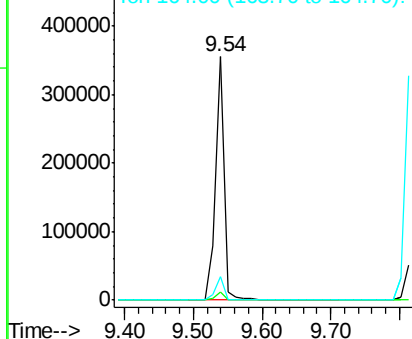


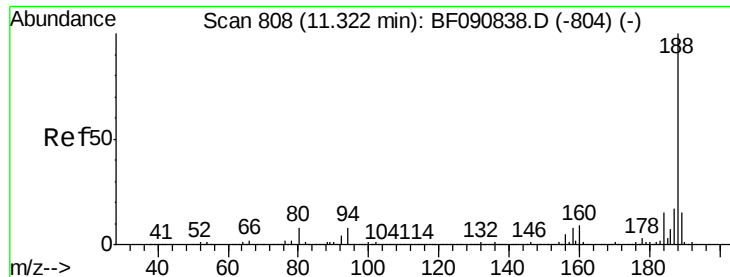
#49
Dimethylphthalate
Concen: 17.38 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF090891.D
Acq: 28 Oct 2016 2:30

Tgt Ion:163 Resp: 316377
Ion Ratio Lower Upper
163 100
194 3.4 4.4 6.6#
164 9.7 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

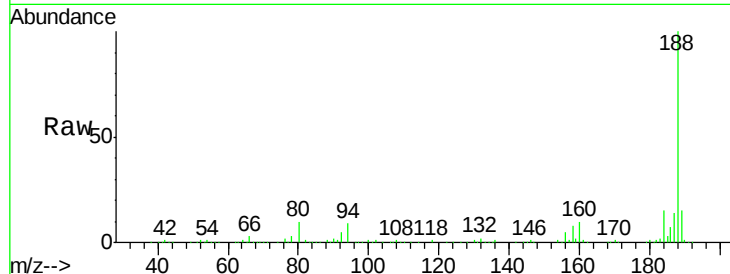




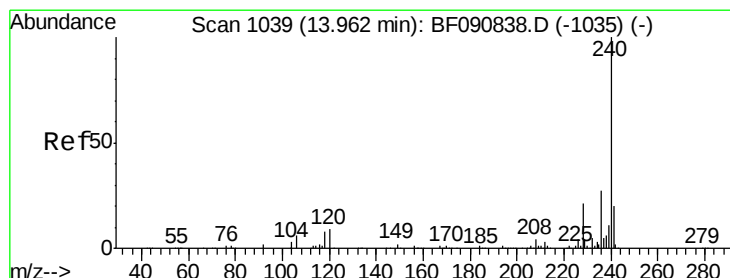
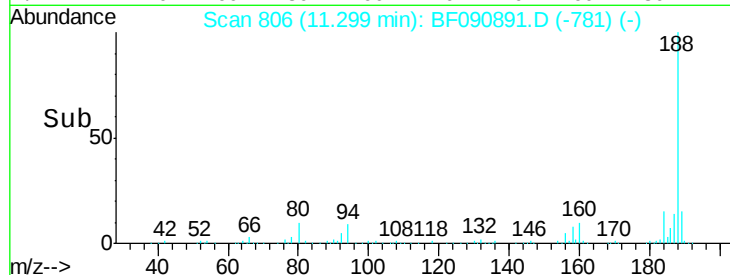
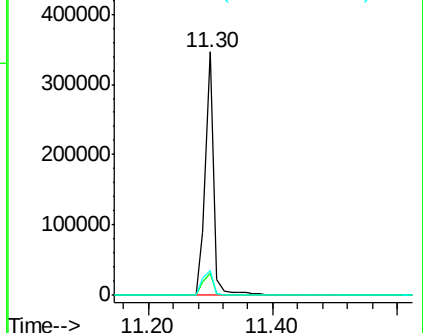
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF090891.D
 Acq: 28 Oct 2016 2:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-8COMP(0-16FEET)

Tot Ion:188 Resp: 334759
 Ion Ratio Lower Upper
 188 100
 94 9.3 11.1 16.7#
 80 10.0 11.0 16.4#

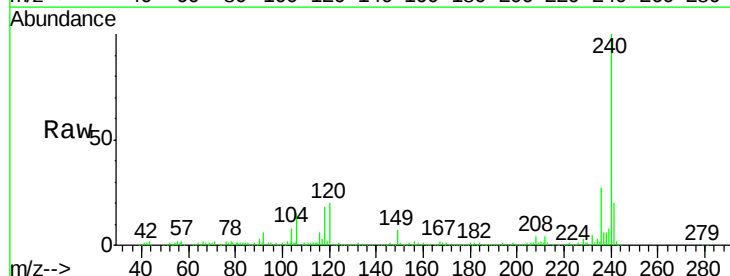


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

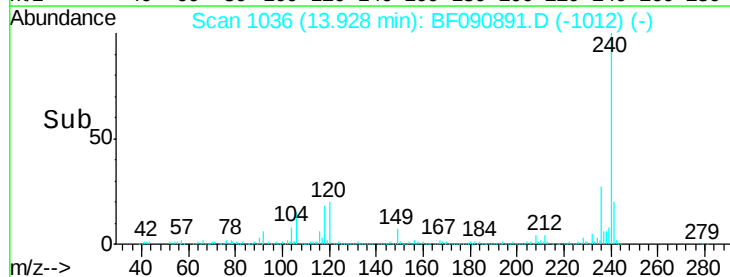
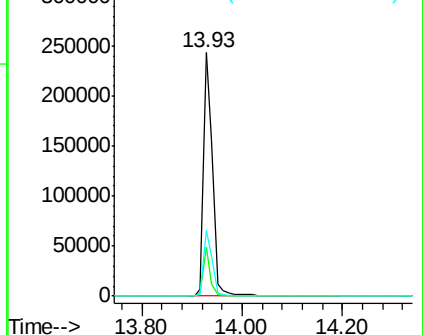


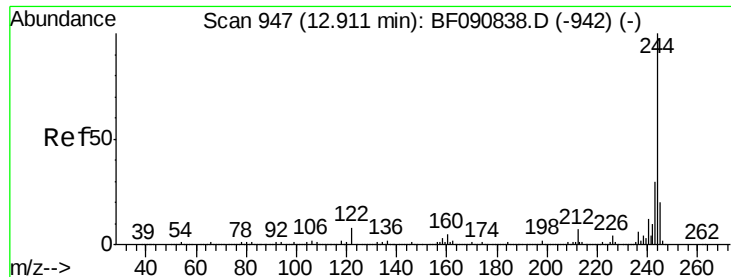
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.02 min
 Lab File: BF090891.D
 Acq: 28 Oct 2016 2:30

Tgt Ion:240 Resp: 304098
 Ion Ratio Lower Upper
 240 100
 120 20.3 16.2 24.2
 236 26.8 18.4 27.6



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: 94.91 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF090891.D

Acq: 28 Oct 2016 2:30

Instrument :

BNA_F

ClientSampleId :

SB-8COMP(0-16FEET)

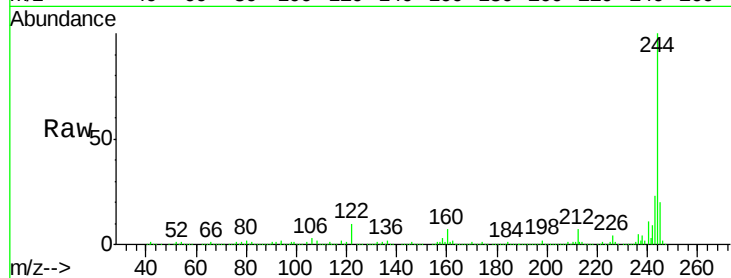
Tot Ion:244 Resp: 1145588

Ion Ratio Lower Upper

244 100

212 6.8 4.3 6.5#

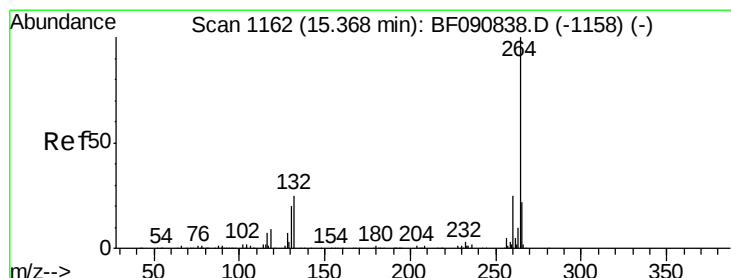
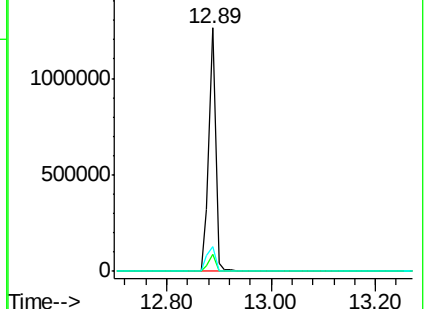
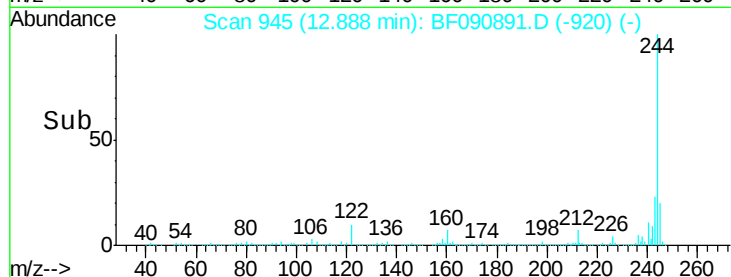
122 10.2 17.4 26.2#



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: 15.35 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF090891.D

Acq: 28 Oct 2016 2:30

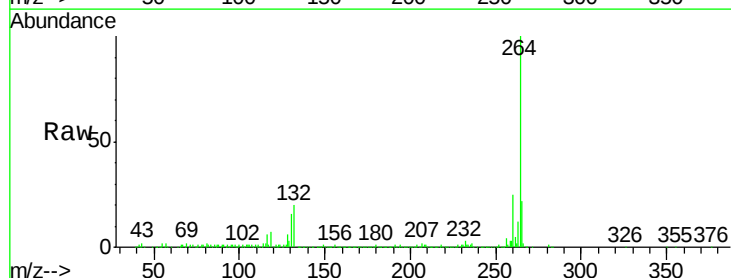
Tgt Ion:264 Resp: 287187

Ion Ratio Lower Upper

264 100

260 24.9 16.7 25.1

265 21.5 17.2 25.8



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

