

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101216\
 Data File : BF090534.D
 Acq On : 12 Oct 2016 14:43
 Operator : UM/SJ
 Sample : H5153-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AOU2-MW1-100716

Quant Time: Oct 12 16:34:42 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 16:14:43 2016
 Response via : Initial Calibration

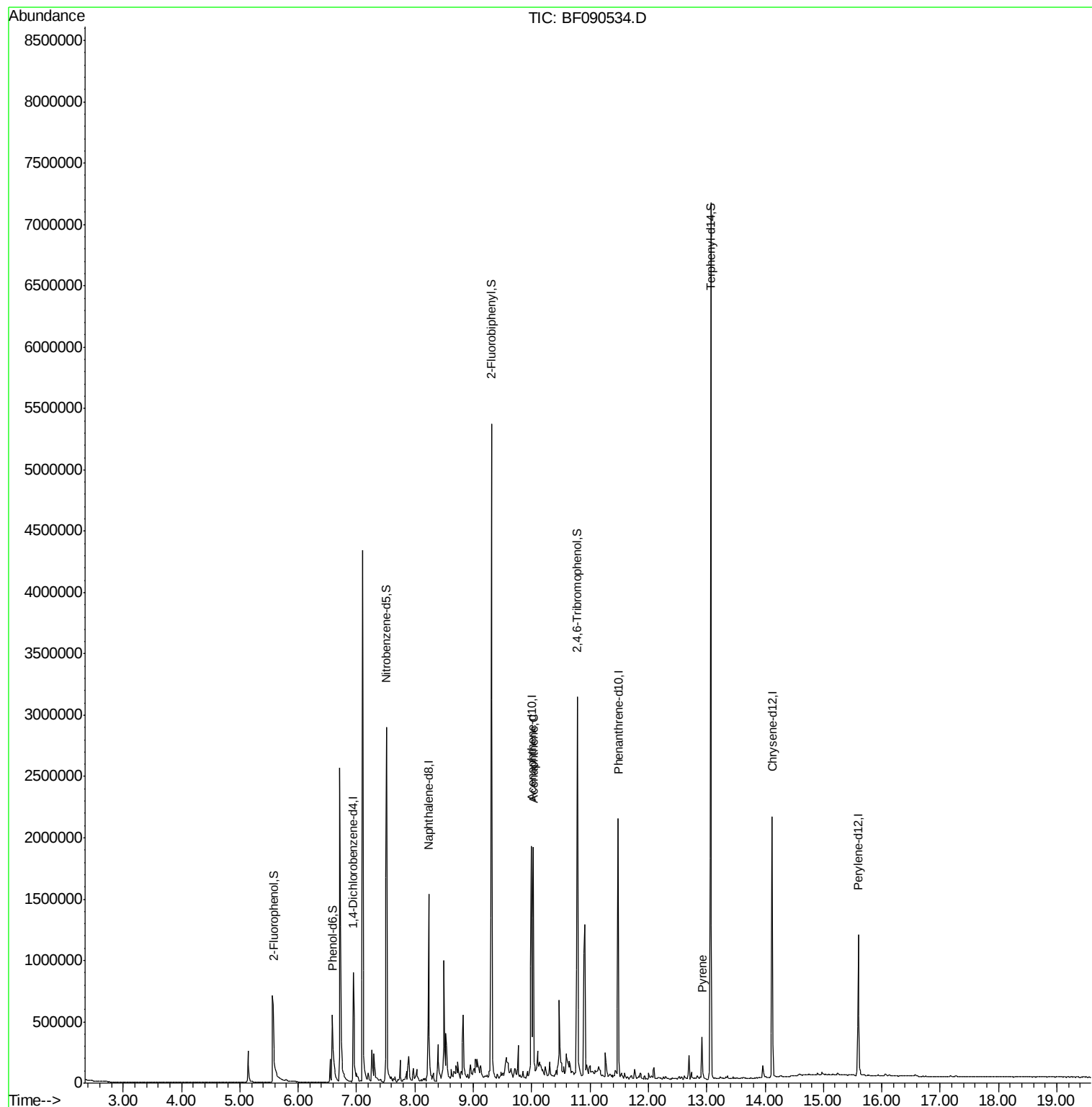
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	206273	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	867262	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	466714	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	784221	20.00	ng	0.00
75) Chrysene-d12	14.12	240	658420	20.00	ng	-0.01
86) Perylene-d12	15.60	264	500676	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	499394	37.66	ng	0.01
7) Phenol-d6	6.59	99	458222	27.39	ng	0.00
23) Nitrobenzene-d5	7.51	82	1347561	84.28	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	391450	84.61	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	2428198	87.43	ng	-0.01
78) Terphenyl-d14	13.07	244	2350974	87.26	ng	-0.01
Target Compounds						
51) Acenaphthene	10.03	154	540324	18.84	ng	98
77) Pyrene	12.92	202	131003	3.18	ng	95

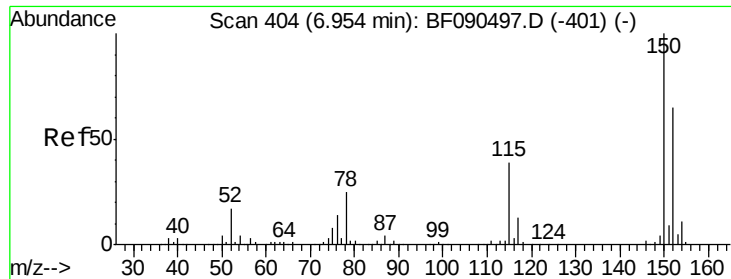
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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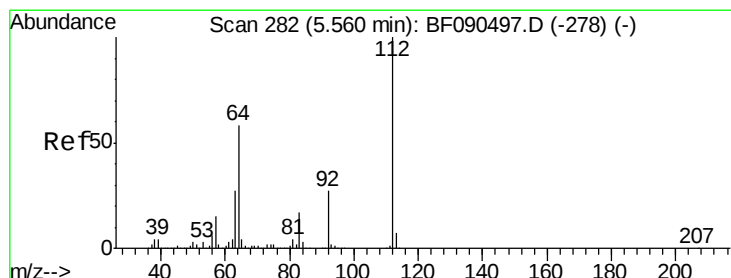
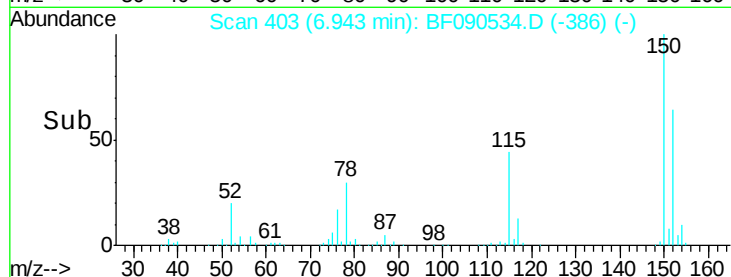
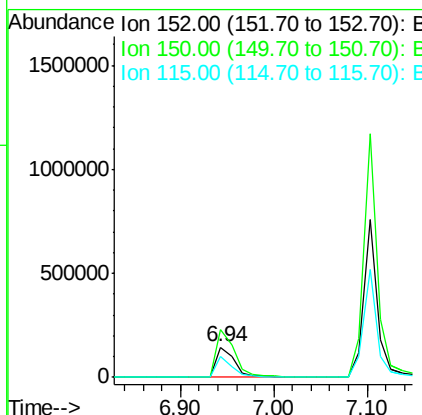
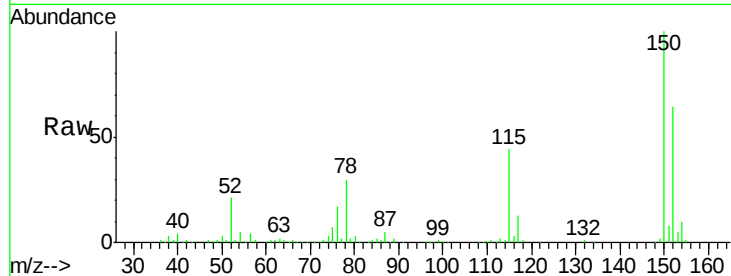


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 403
Delta R.T. -0.01 min
Lab File: BF090534.D
Acq: 12 Oct 2016 14:43

Instrument :
BNA_F
ClientSampleId :
AOU2-MW1-100716

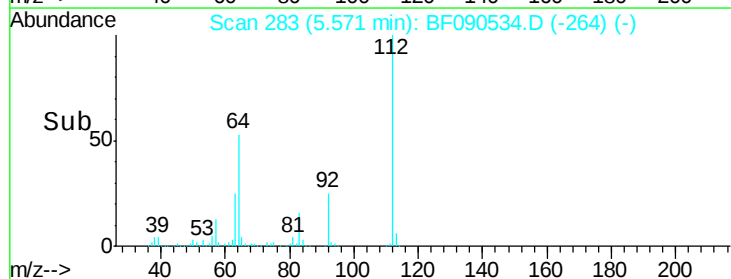
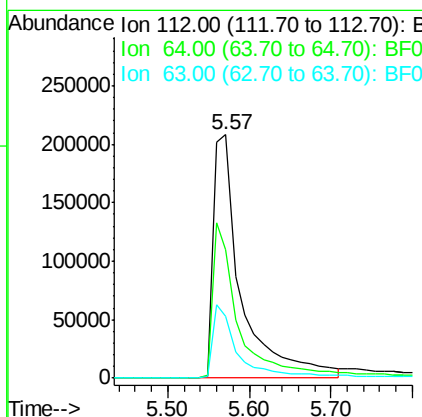
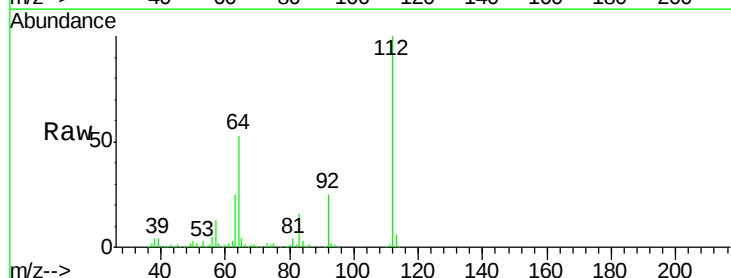
Tot Ion:152 Resp: 206273
Ion Ratio Lower Upper
152 100
150 157.5 124.6 186.8
115 68.8 46.2 69.4

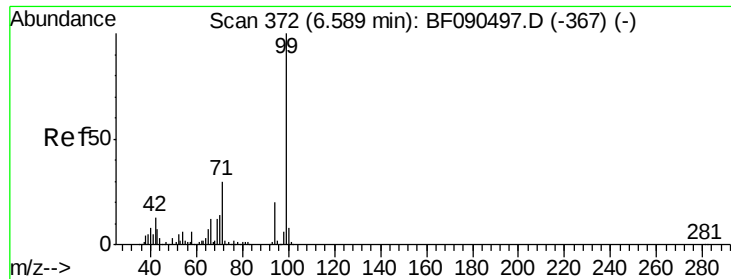


#5

2-Fluorophenol
Concen: 37.66 ng
RT: 5.57 min Scan# 283
Delta R.T. 0.01 min
Lab File: BF090534.D
Acq: 12 Oct 2016 14:43

Tgt Ion:112 Resp: 499394
Ion Ratio Lower Upper
112 100
64 52.9 57.9 86.9#
63 25.2 29.6 44.4#





#7

Phenol-d6

Concen: 27.39 ng

RT: 6.59 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF090534.D

Acq: 12 Oct 2016 14:43

Instrument :

BNA_F

ClientSampleId :

AOU2-MW1-100716

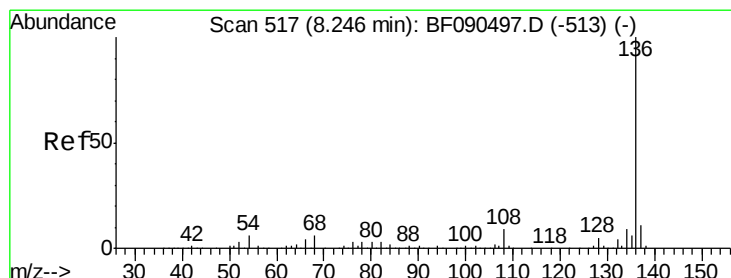
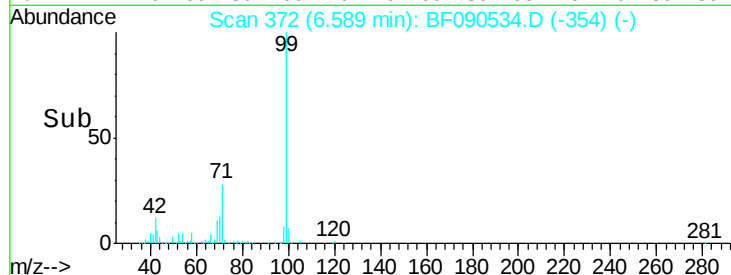
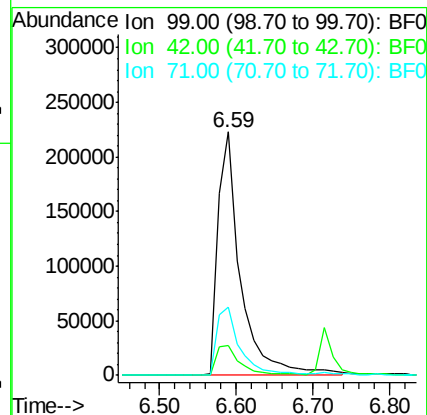
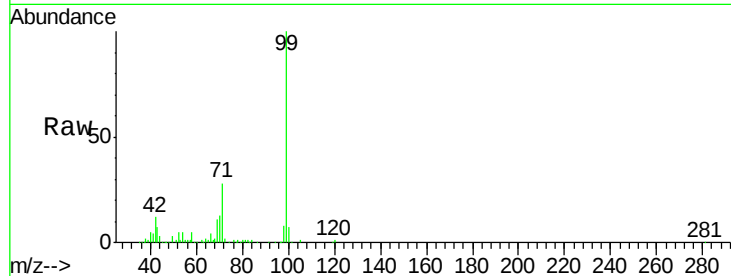
Tot Ion: 99 Resp: 458222

Ion Ratio Lower Upper

99 100

42 12.2 20.0 30.0#

71 28.1 27.9 41.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.23 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF090534.D

Acq: 12 Oct 2016 14:43

Tgt Ion: 136 Resp: 867262

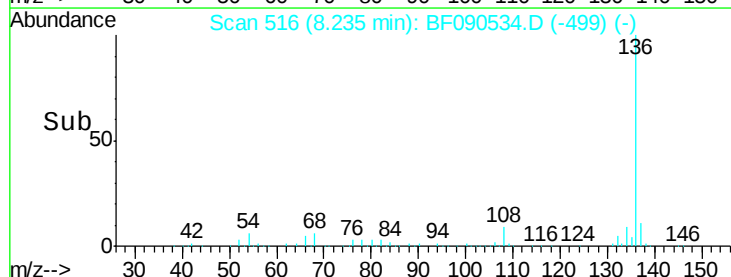
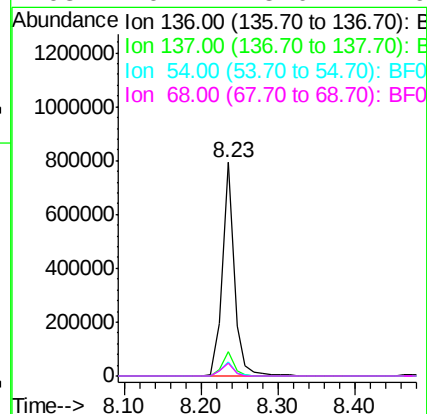
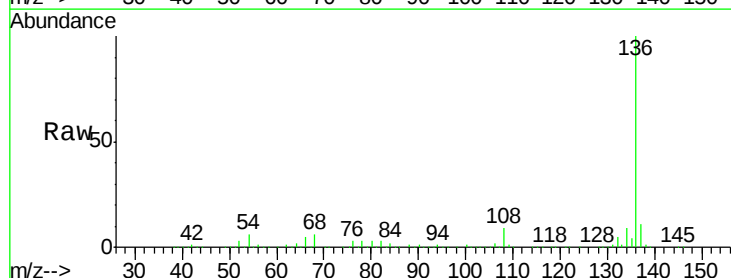
Ion Ratio Lower Upper

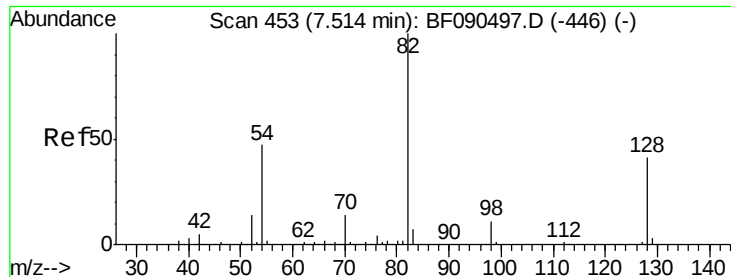
136 100

137 11.3 9.0 13.6

54 6.4 6.6 10.0#

68 6.1 5.0 7.6

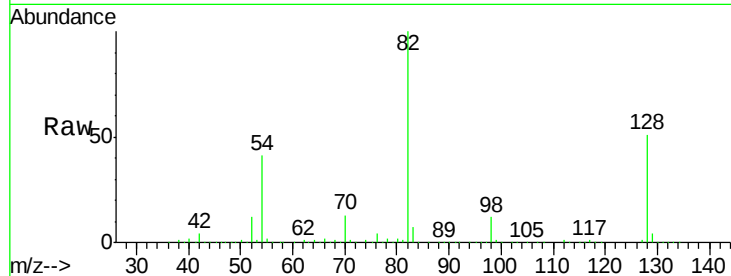




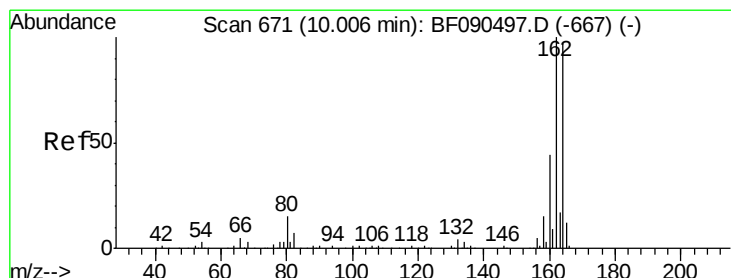
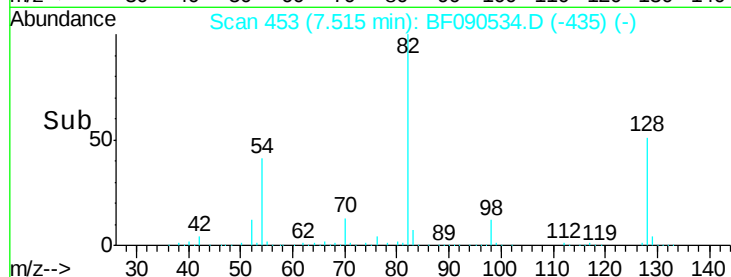
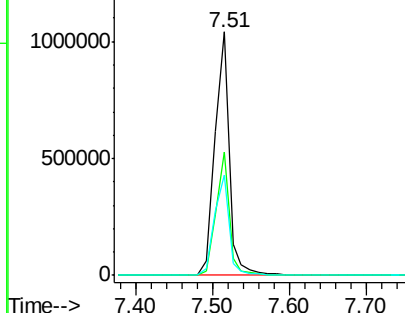
#23
 Nitrobenzene-d5
 Concen: 84.28 ng
 RT: 7.51 min Scan# 453
 Delta R.T. 0.00 min
 Lab File: BF090534.D
 Acq: 12 Oct 2016 14:43

Instrument :
 BNA_F
 ClientSampleId :
 AOU2-MW1-100716

Tot Ion: 82 Resp: 1347561
 Ion Ratio Lower Upper
 82 100
 128 50.6 40.0 60.0
 54 41.1 42.6 64.0#

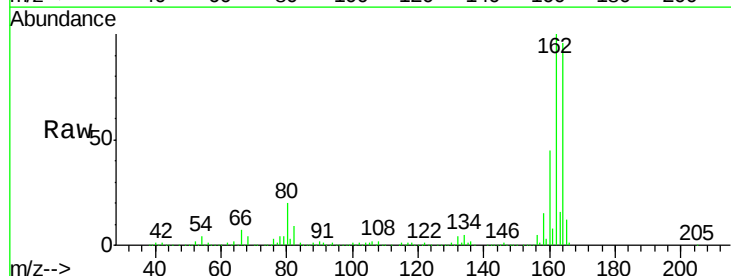


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

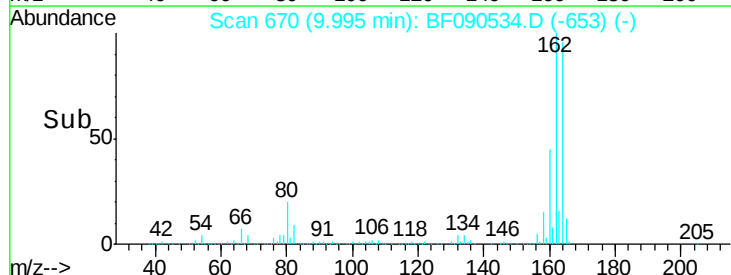
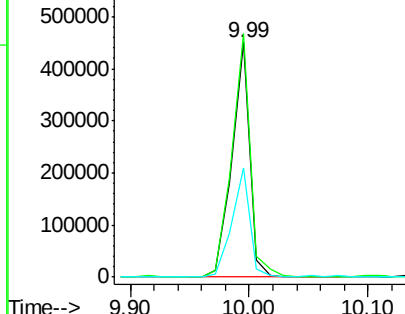


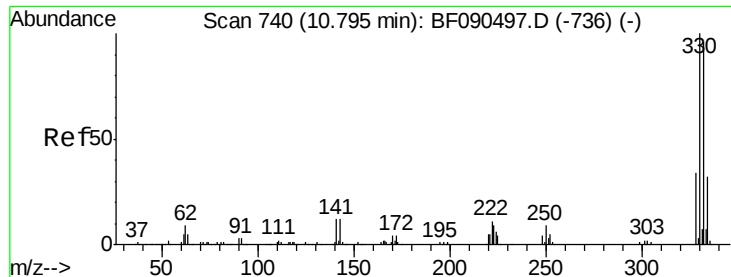
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.99 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF090534.D
 Acq: 12 Oct 2016 14:43

Tgt Ion:164 Resp: 466714
 Ion Ratio Lower Upper
 164 100
 162 104.0 80.1 120.1
 160 46.6 36.3 54.5



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

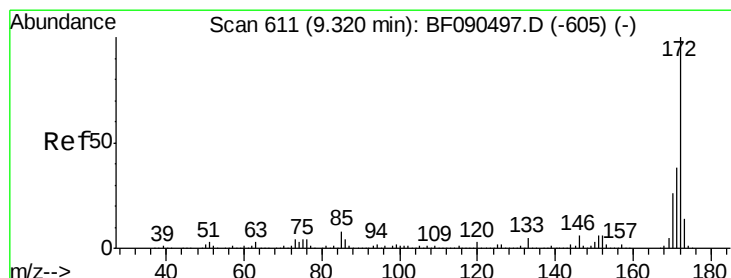
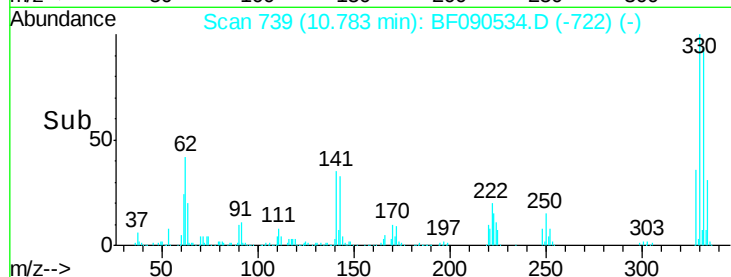
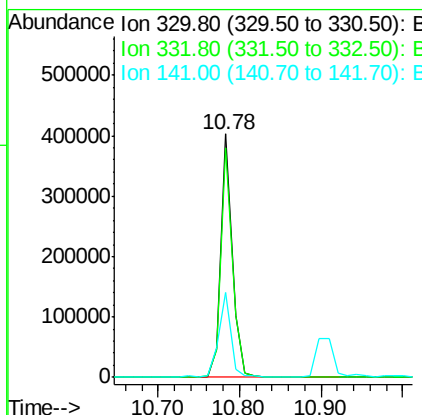
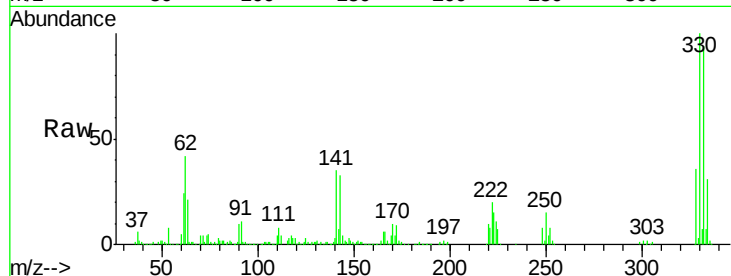




#41
 2,4,6-Tribromophenol
 Concen: 84.61 ng
 RT: 10.78 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF090534.D
 Acq: 12 Oct 2016 14:43

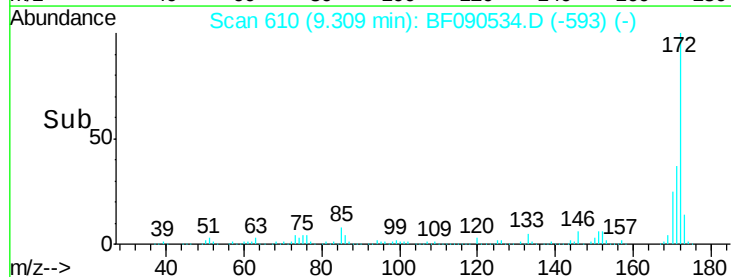
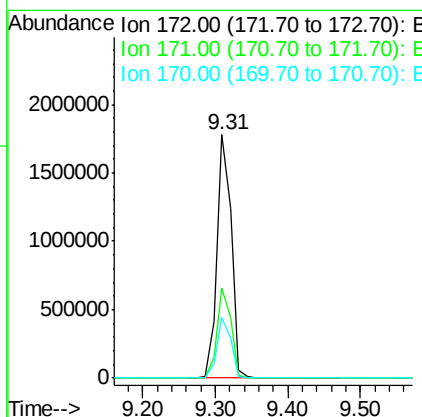
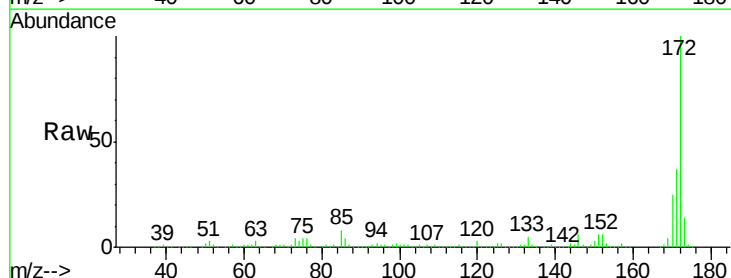
Instrument :
 BNA_F
 ClientSampleId :
 AOU2-MW1-100716

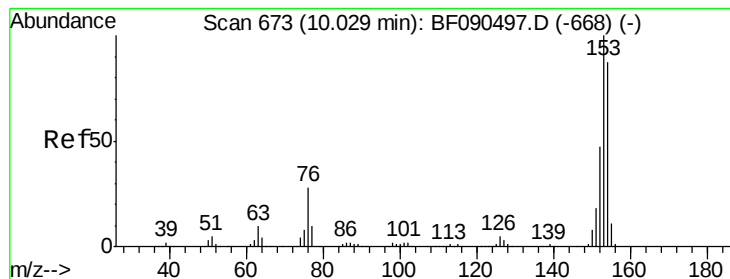
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	75.4	113.0
141	37.1	26.9	40.3



#44
 2-Fluorobiphenyl
 Concen: 87.43 ng
 RT: 9.31 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF090534.D
 Acq: 12 Oct 2016 14:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	31.8	47.8
170	25.0	21.7	32.5





#51

Acenaphthene

Concen: 18.84 ng

RT: 10.03 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF090534.D

Acq: 12 Oct 2016 14:43

Instrument :

BNA_F

ClientSampleId :

AOU2-MW1-100716

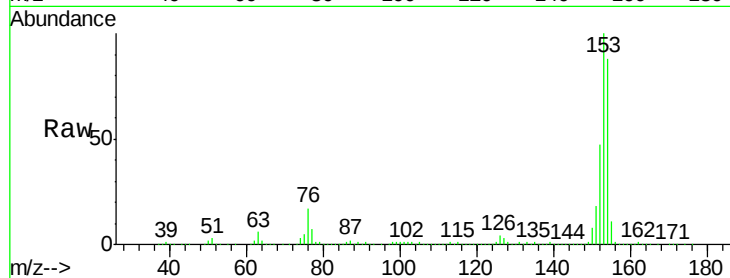
Tot Ion:154 Resp: 540324

Ion Ratio Lower Upper

154 100

153 114.1 88.6 133.0

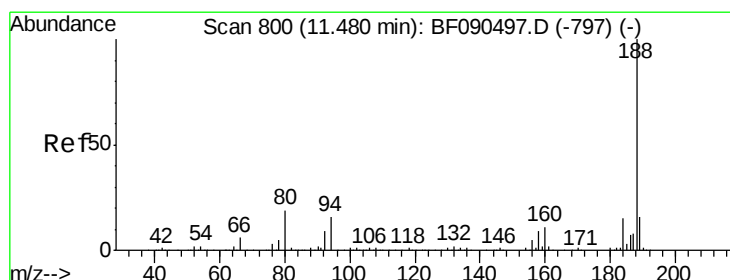
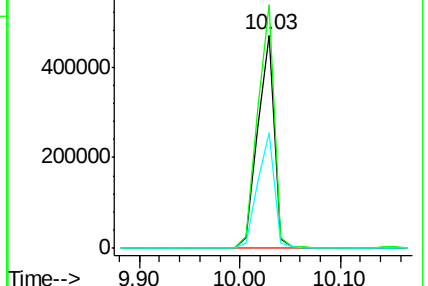
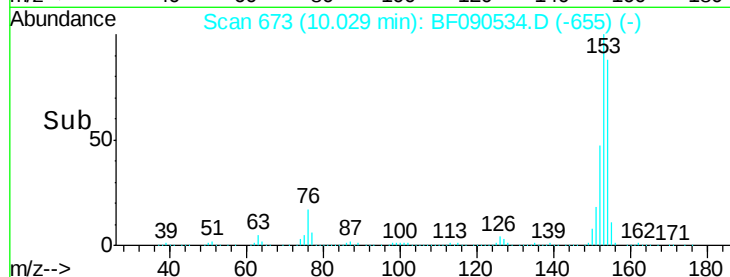
152 54.1 42.6 64.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.48 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF090534.D

Acq: 12 Oct 2016 14:43

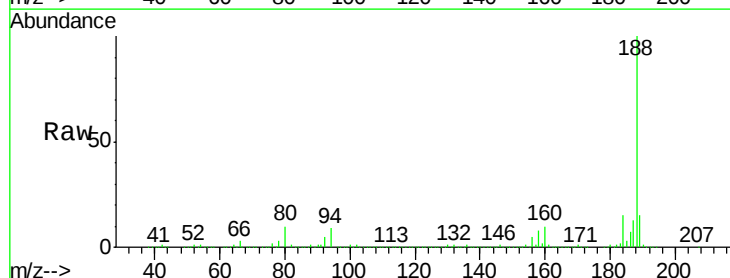
Tgt Ion:188 Resp: 784221

Ion Ratio Lower Upper

188 100

94 9.3 8.2 12.2

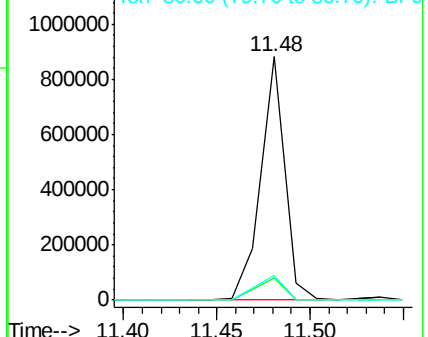
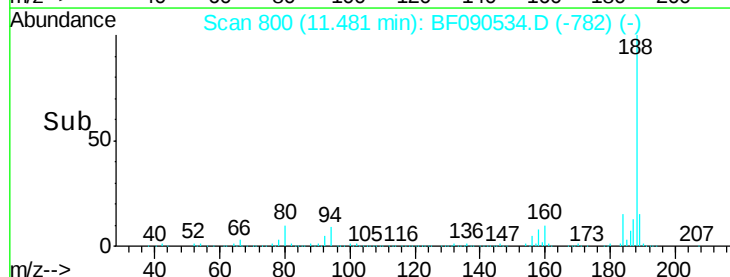
80 10.0 8.8 13.2

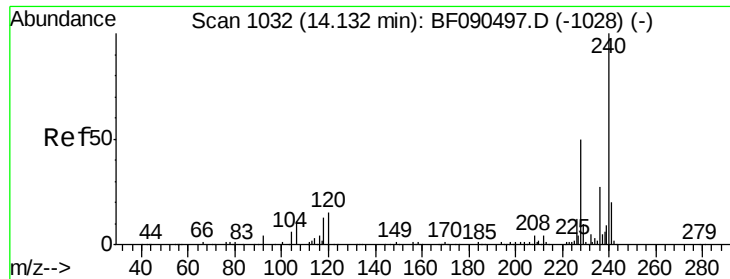


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.12 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF090534.D

Acq: 12 Oct 2016 14:43

Instrument :

BNA_F

ClientSampleId :

AOU2-MW1-100716

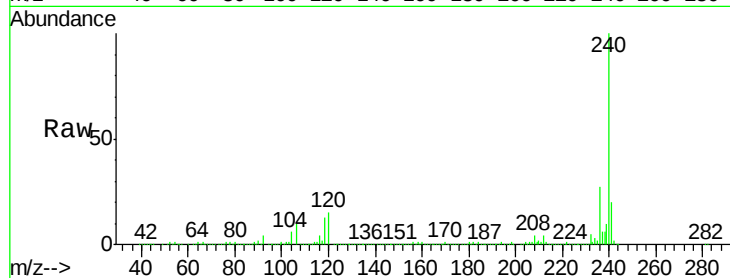
Tot Ion:240 Resp: 658420

Ion Ratio Lower Upper

240 100

120 14.6 8.6 13.0#

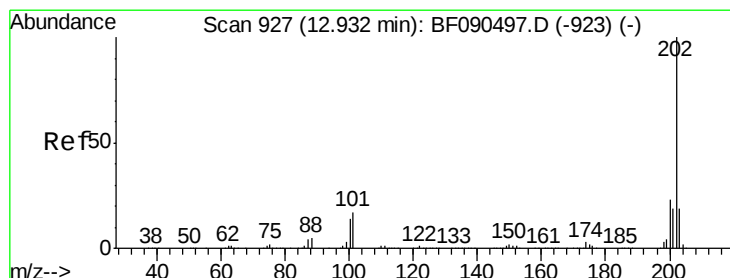
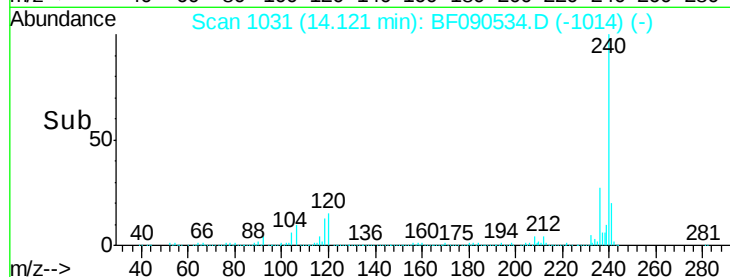
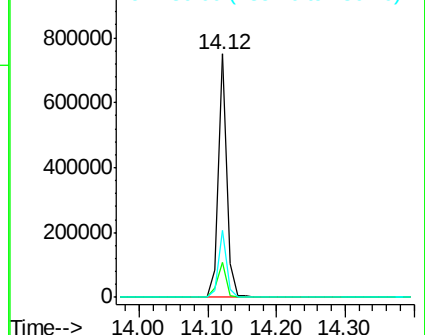
236 27.3 21.6 32.4



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



#77

Pyrene

Concen: 3.18 ng

RT: 12.92 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF090534.D

Acq: 12 Oct 2016 14:43

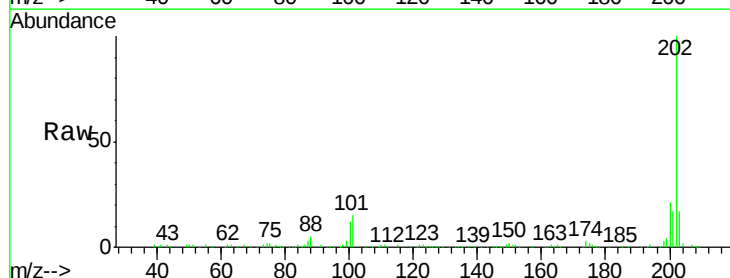
Tgt Ion:202 Resp: 131003

Ion Ratio Lower Upper

202 100

200 20.7 18.5 27.7

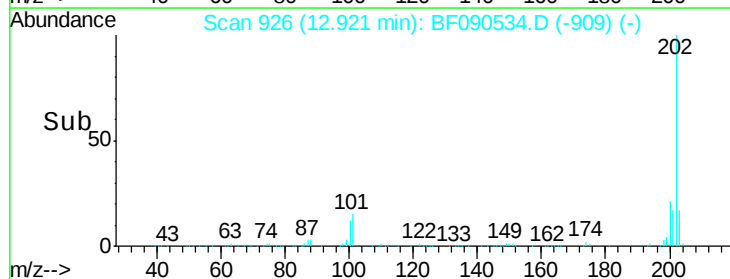
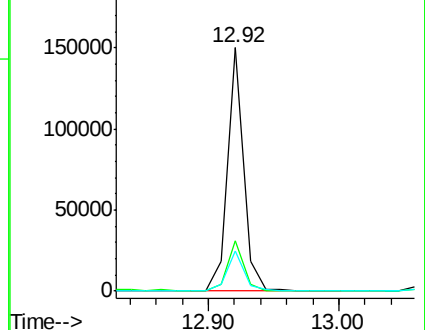
203 16.6 15.0 22.6

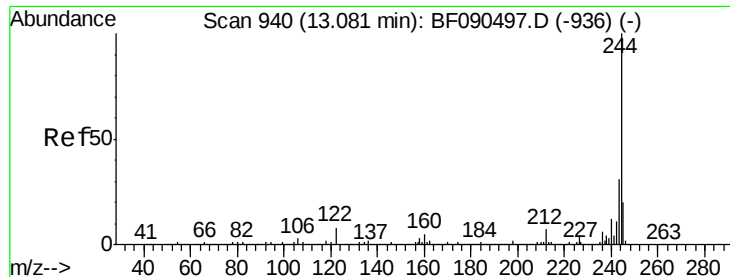


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 87.26 ng

RT: 13.07 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF090534.D

Acq: 12 Oct 2016 14:43

Instrument :

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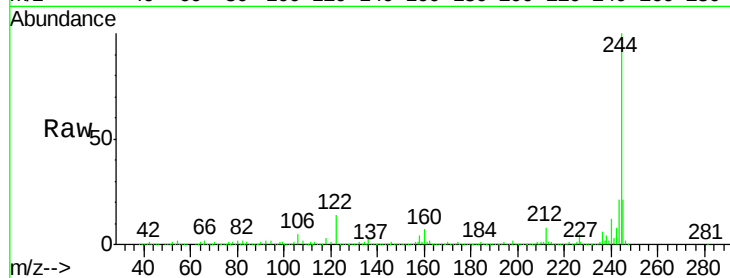
Tot Ion:244 Resp: 2350974

Ion Ratio Lower Upper

244 100

212 7.5 6.8 10.2

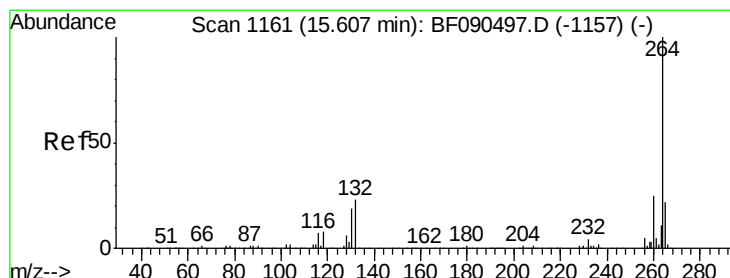
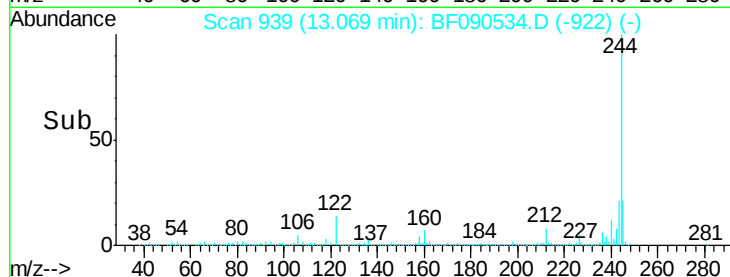
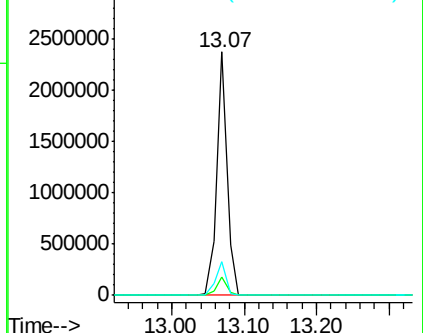
122 13.6 13.3 19.9



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: 15.60 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF090534.D

Acq: 12 Oct 2016 14:43

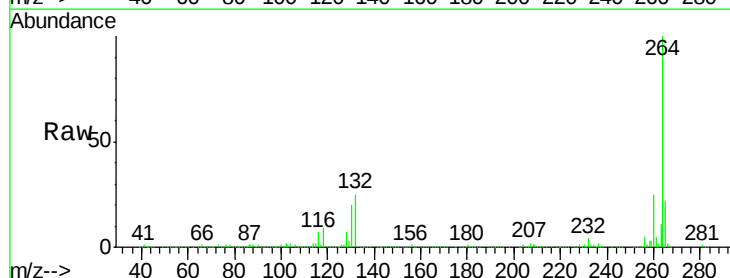
Tgt Ion:264 Resp: 500676

Ion Ratio Lower Upper

264 100

260 24.8 19.3 28.9

265 22.1 17.4 26.0



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

