

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
 Data File : BF078454.D
 Acq On : 11 Apr 2015 22:32
 Operator : TP/IZ
 Sample : G1782-07RE
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB12RE

Quant Time: Apr 13 06:13:10 2015
 Quant Method : Y:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 13 05:54:30 2015
 Response via : Initial Calibration

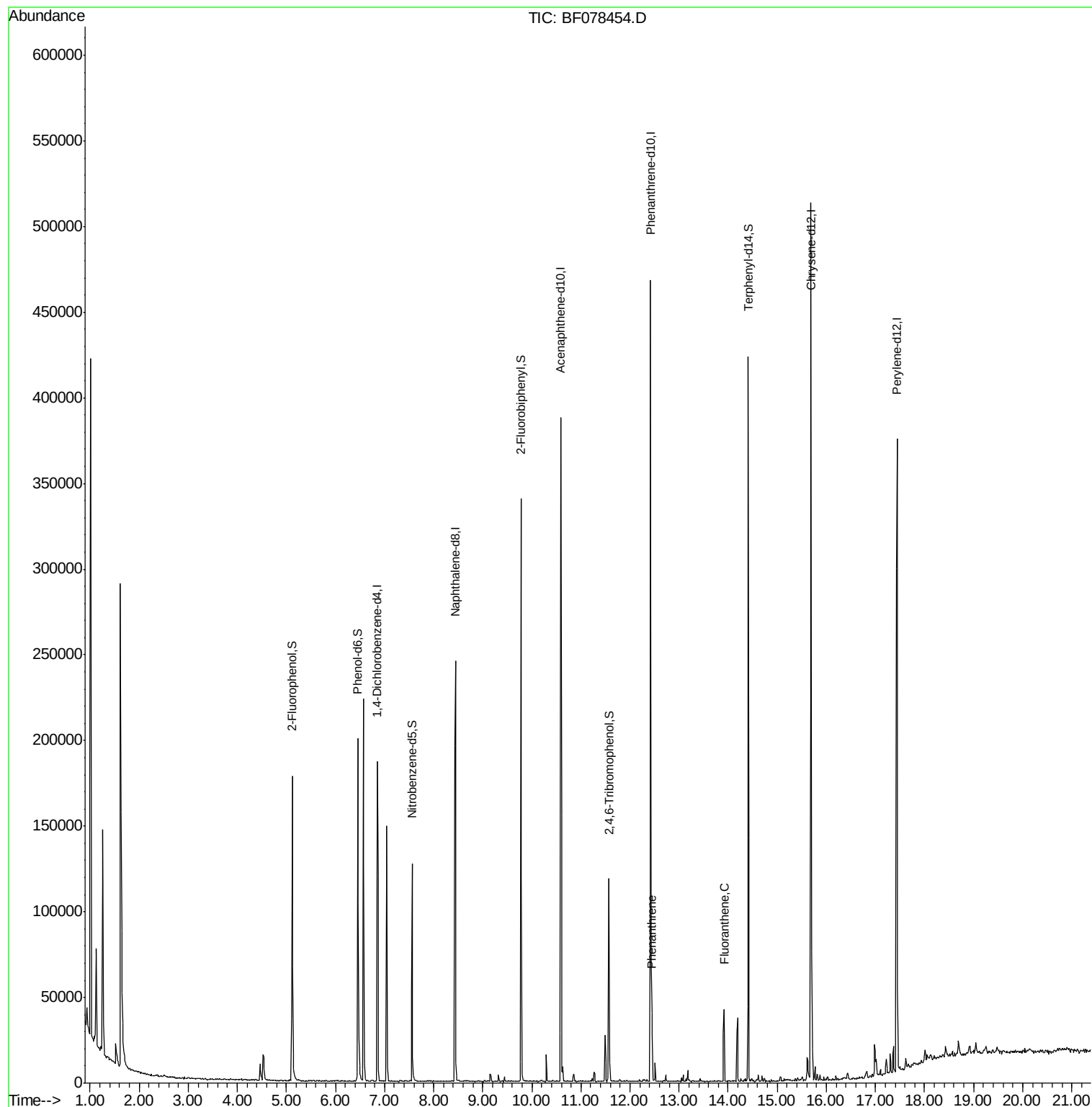
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	38076	20.00	ng	-0.01
21) Naphthalene-d8	8.44	136	163316	20.00	ng	0.00
38) Acenaphthene-d10	10.59	164	86739	20.00	ng	-0.01
63) Phenanthrene-d10	12.42	188	181513	20.00	ng	0.00
75) Chrysene-d12	15.69	240	210395	20.00	ng	0.00
86) Perylene-d12	17.44	264	198665	20.00	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	64912	28.11	ng	0.00
7) Phenol-d6	6.45	99	90450	31.25	ng	-0.01
23) Nitrobenzene-d5	7.56	82	49696	18.44	ng	0.00
41) 2,4,6-Tribromophenol	11.57	330	21444	29.81	ng	0.00
44) 2-Fluorobiphenyl	9.78	172	121674	20.05	ng	-0.01
78) Terphenyl-d14	14.41	244	156531	16.81	ng	-0.01
Target Compounds						Qvalue
70) Phenanthrene	12.44	178	22265	2.12	ng	98
74) Fluoranthene	13.92	202	25483	2.30	ng	90

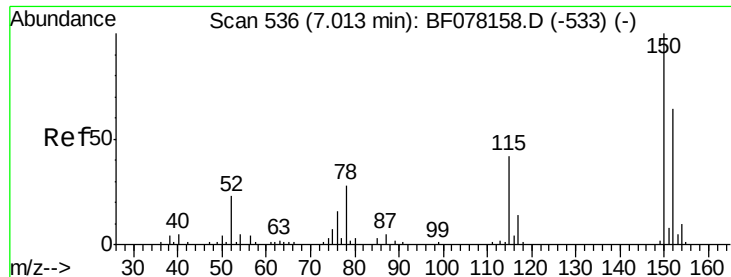
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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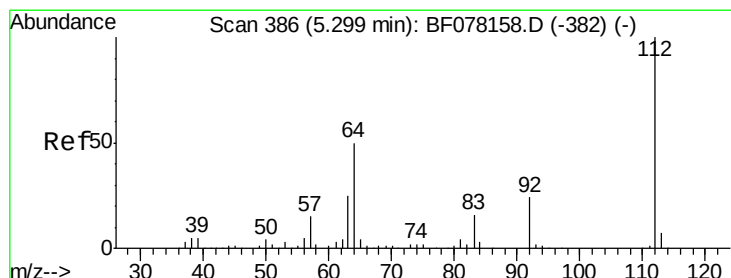
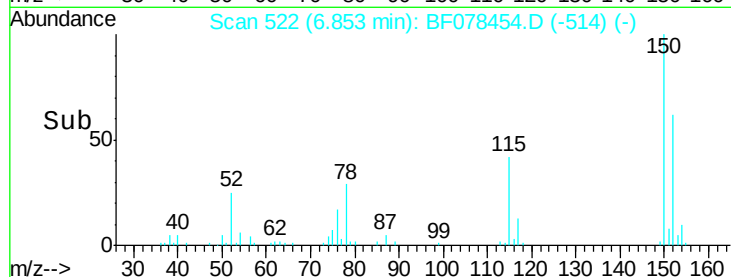
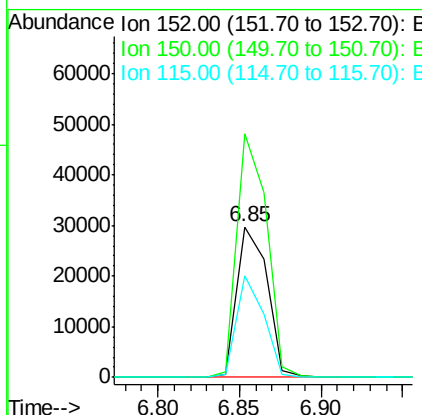
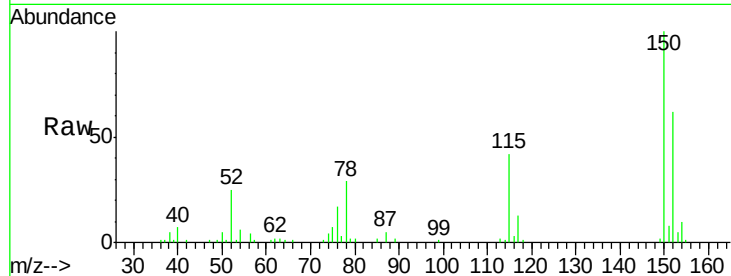


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 522
 Delta R.T. -0.01 min
 Lab File: BF078454.D
 Acq: 11 Apr 2015 22:32

Instrument :
 BNA_F
 ClientSampleId :
 SB12RE

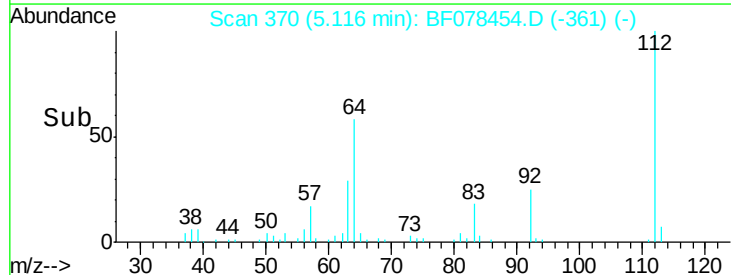
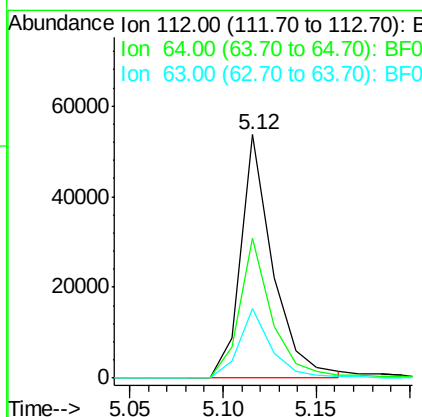
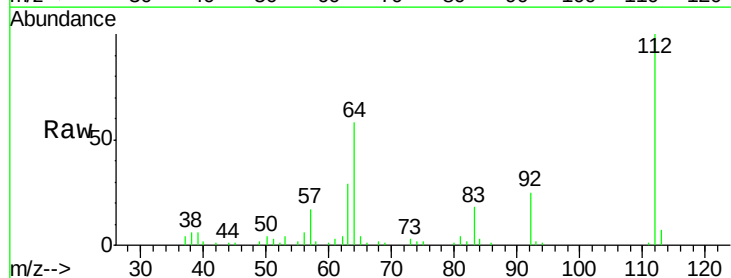
Tgt Ion:152 Resp: 38076
 Ion Ratio Lower Upper
 152 100
 150 161.6 125.9 188.9
 115 67.3 52.7 79.1

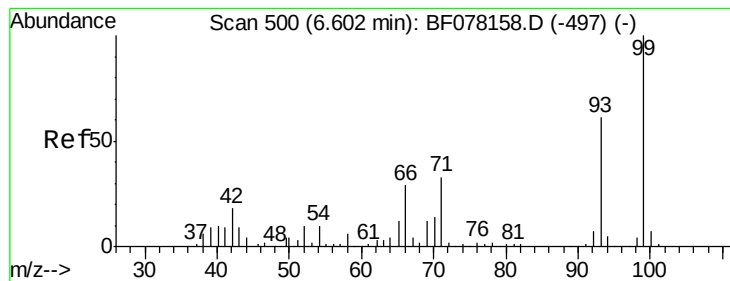


#5

2-Fluorophenol
 Concen: 28.11 ng
 RT: 5.12 min Scan# 370
 Delta R.T. 0.00 min
 Lab File: BF078454.D
 Acq: 11 Apr 2015 22:32

Tgt Ion:112 Resp: 64912
 Ion Ratio Lower Upper
 112 100
 64 57.5 39.9 59.9
 63 28.8 20.2 30.4





#7

Phenol-d6

Concen: 31.25 ng

RT: 6.45 min Scan# 487

Delta R.T. -0.01 min

Lab File: BF078454.D

Acq: 11 Apr 2015 22:32

Instrument :

BNA_F

ClientSampleId :

SB12RE

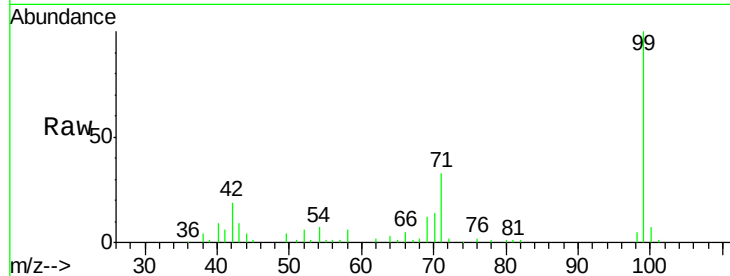
Tgt Ion: 99 Resp: 90450

Ion Ratio Lower Upper

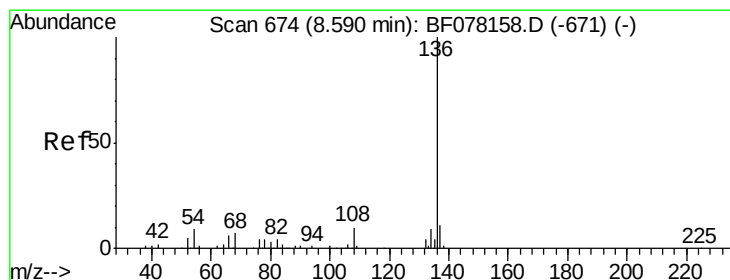
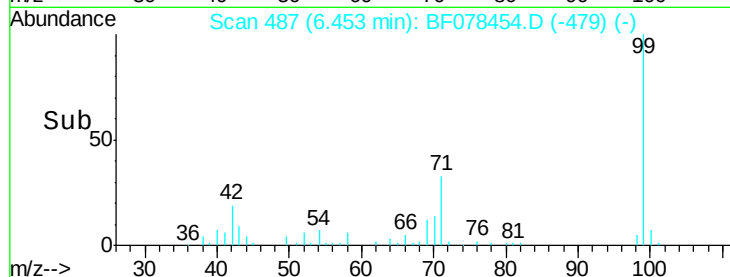
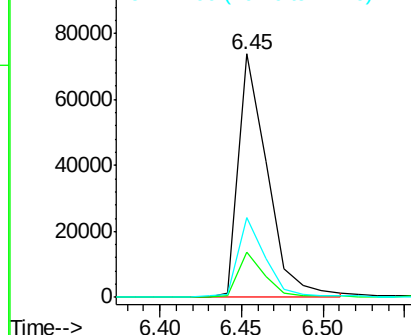
99 100

42 18.6 14.8 22.2

71 32.9 26.6 39.8



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.44 min Scan# 661

Delta R.T. 0.00 min

Lab File: BF078454.D

Acq: 11 Apr 2015 22:32

Tgt Ion: 136 Resp: 163316

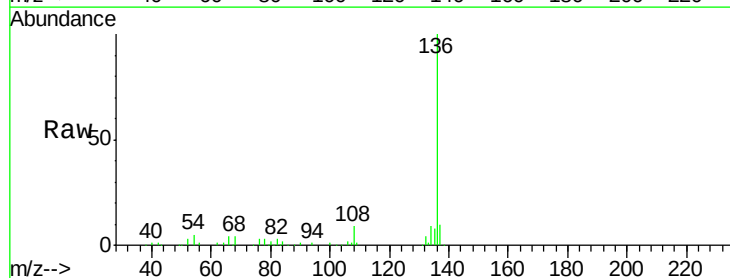
Ion Ratio Lower Upper

136 100

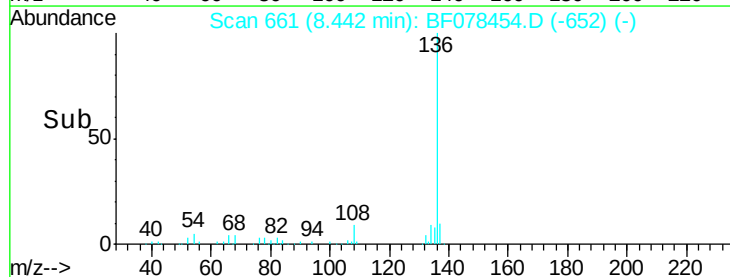
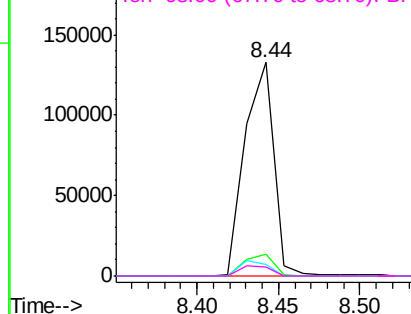
137 10.3 9.0 13.4

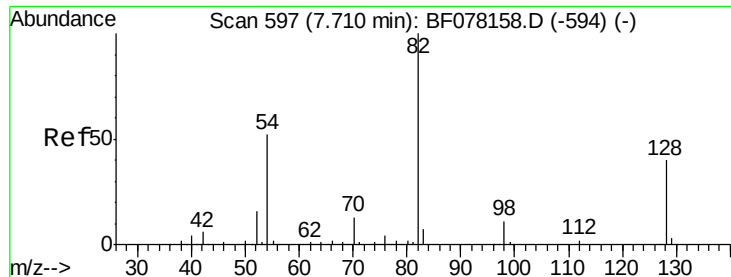
54 5.2 7.0 10.6#

68 4.2 5.4 8.2#



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

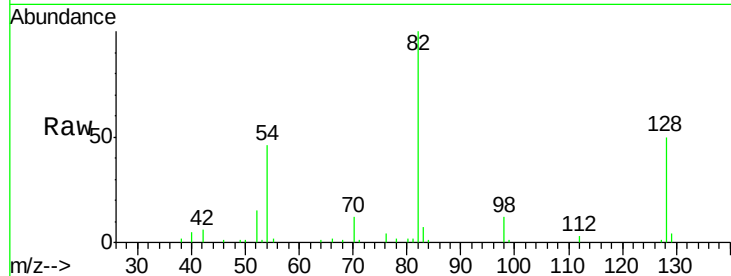




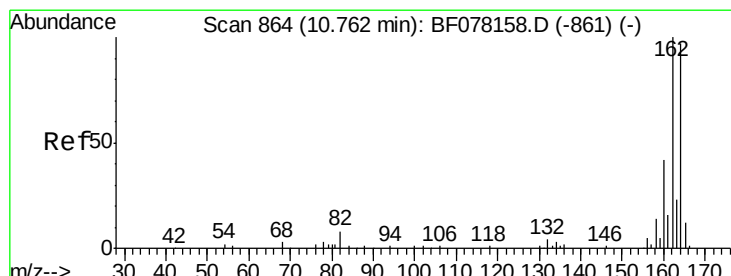
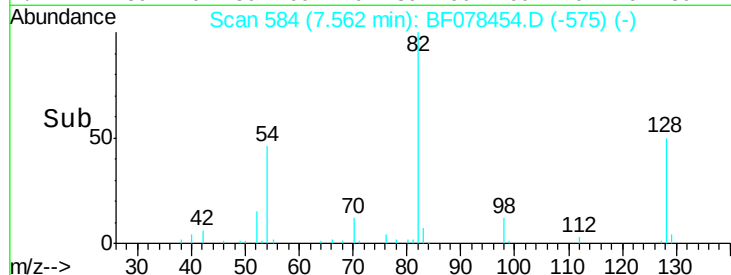
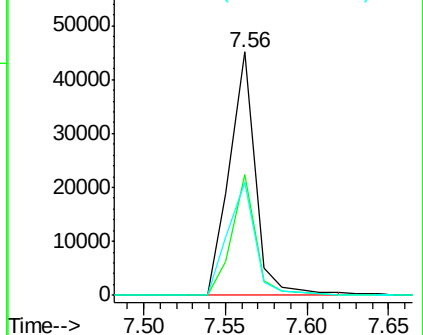
#23
 Nitrobenzene-d5
 Concen: 18.44 ng
 RT: 7.56 min Scan# 584
 Delta R.T. 0.00 min
 Lab File: BF078454.D
 Acq: 11 Apr 2015 22:32

Instrument :
 BNA_F
 ClientSampleId :
 SB12RE

Tgt Ion: 82 Resp: 49696
 Ion Ratio Lower Upper
 82 100
 128 49.6 31.8 47.8#
 54 46.5 41.5 62.3

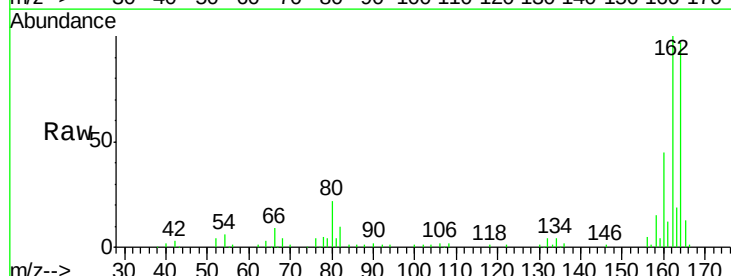


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

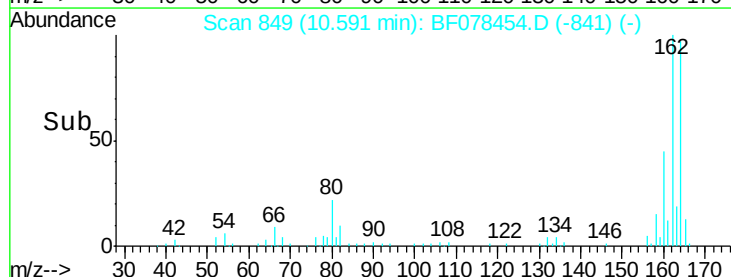
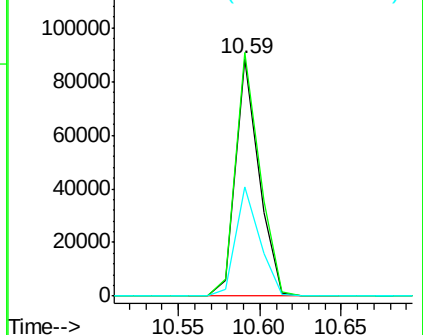


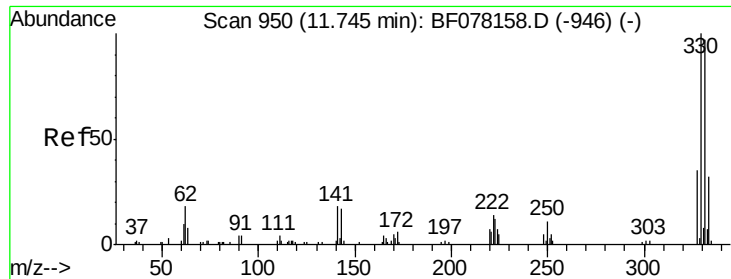
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.59 min Scan# 849
 Delta R.T. -0.01 min
 Lab File: BF078454.D
 Acq: 11 Apr 2015 22:32

Tgt Ion: 164 Resp: 86739
 Ion Ratio Lower Upper
 164 100
 162 102.6 82.2 123.2
 160 46.1 34.7 52.1



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

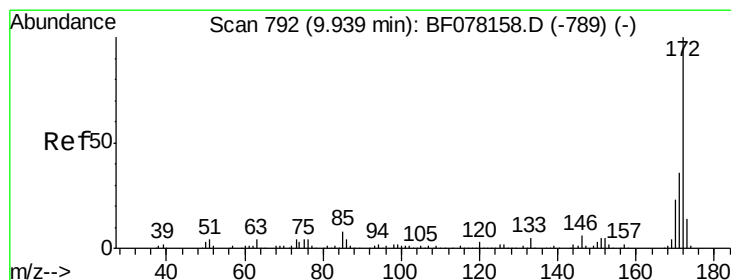
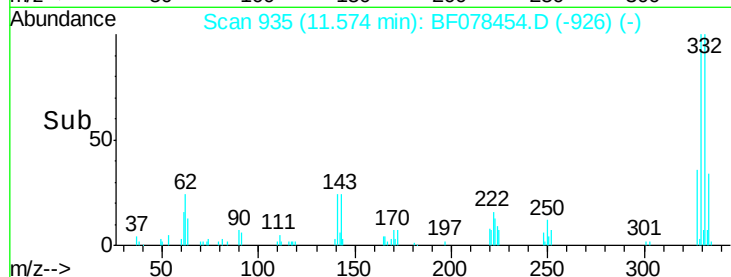
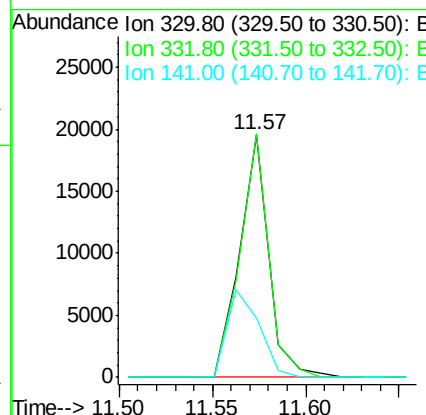
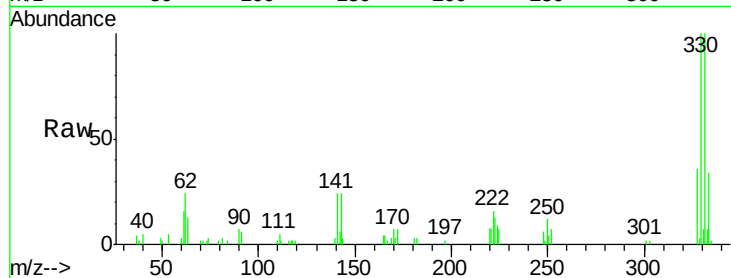




#41
 2,4,6-Tribromophenol
 Concen: 29.81 ng
 RT: 11.57 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: BF078454.D
 Acq: 11 Apr 2015 22:32

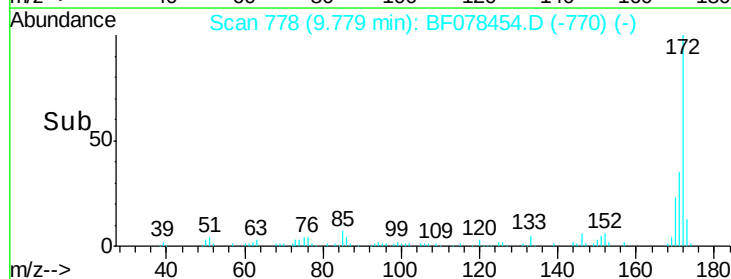
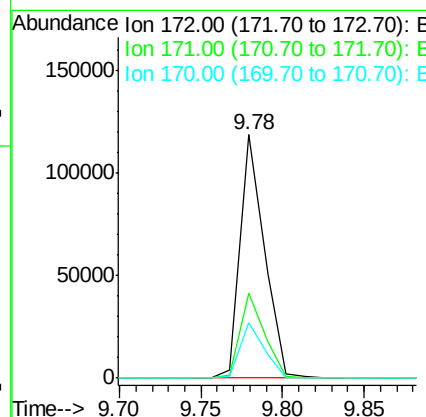
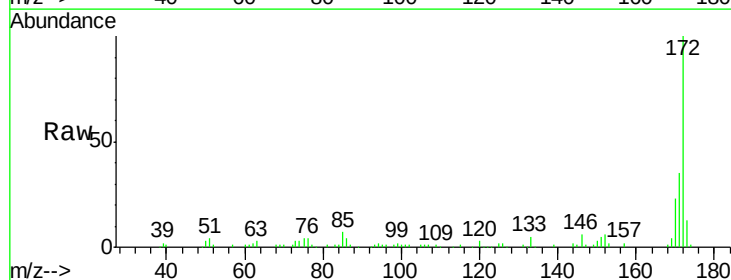
Instrument :
 BNA_F
 ClientSampled :
 SB12RE

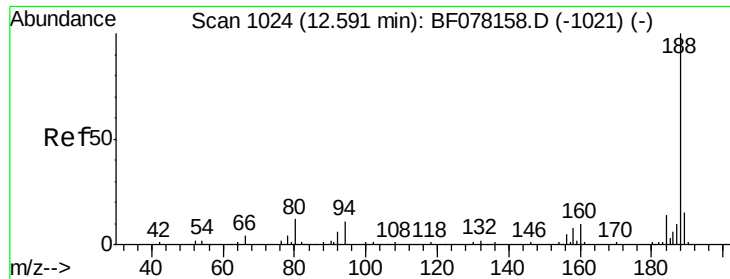
Tgt Ion:330 Resp: 21444
 Ion Ratio Lower Upper
 330 100
 332 97.9 78.6 117.8
 141 39.8 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 20.05 ng
 RT: 9.78 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF078454.D
 Acq: 11 Apr 2015 22:32

Tgt Ion:172 Resp: 121674
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.6 42.8
 170 22.7 18.5 27.7

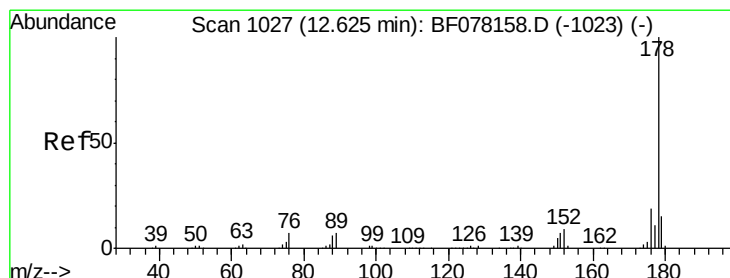
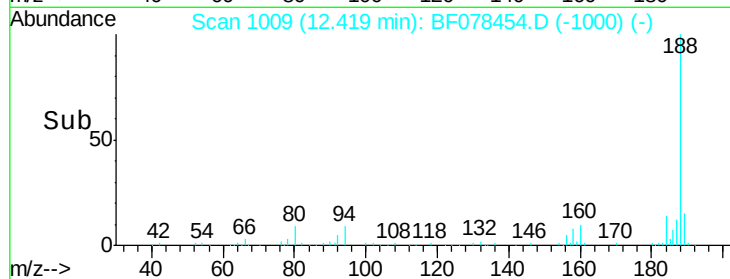
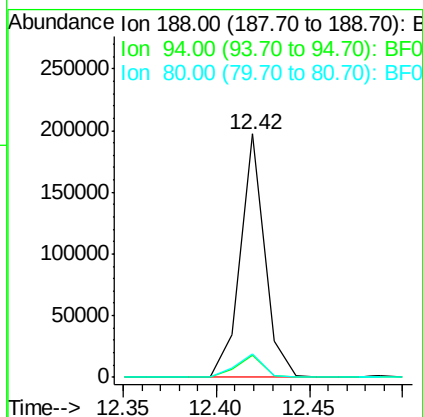
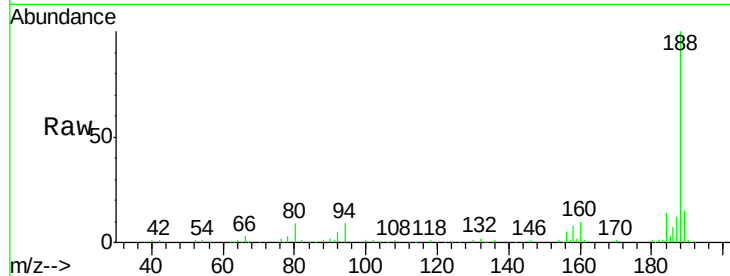




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.42 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF078454.D
Acq: 11 Apr 2015 22:32

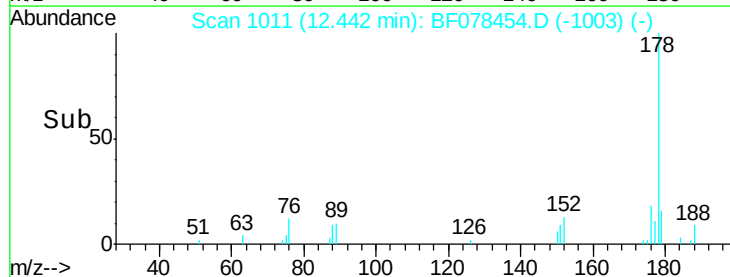
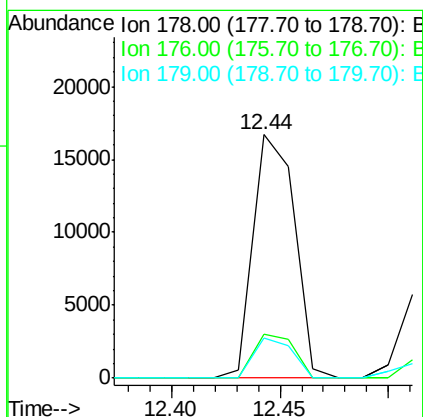
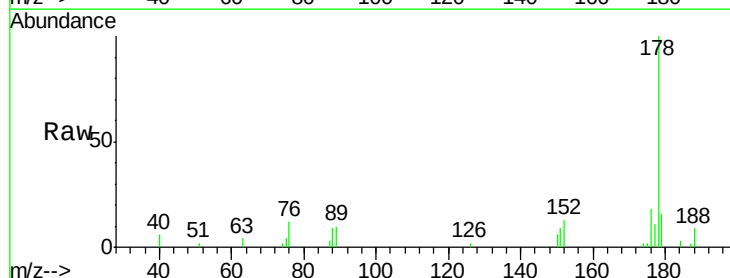
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BNA_F
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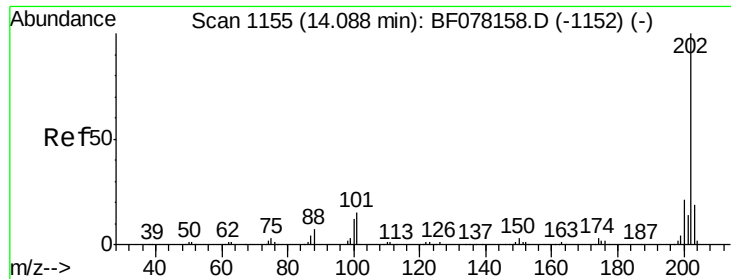
Tgt Ion:188 Resp: 181513
Ion Ratio Lower Upper
188 100
94 9.3 9.0 13.4
80 9.5 9.5 14.3#



#70
Phenanthrene
Concen: 2.12 ng
RT: 12.44 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF078454.D
Acq: 11 Apr 2015 22:32

Tgt Ion:178 Resp: 22265
Ion Ratio Lower Upper
178 100
176 18.3 15.4 23.0
179 16.4 12.2 18.2

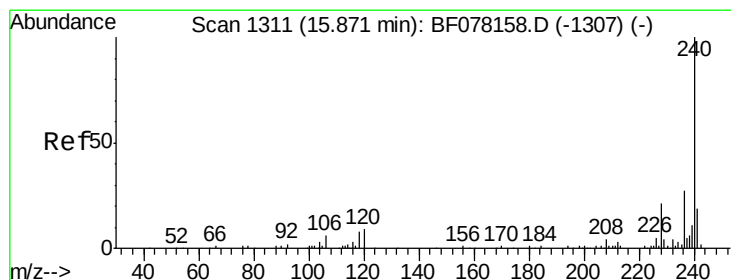
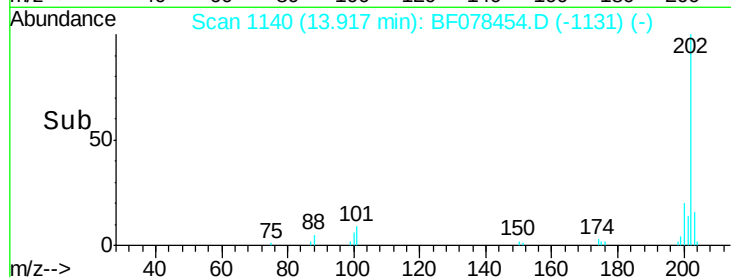
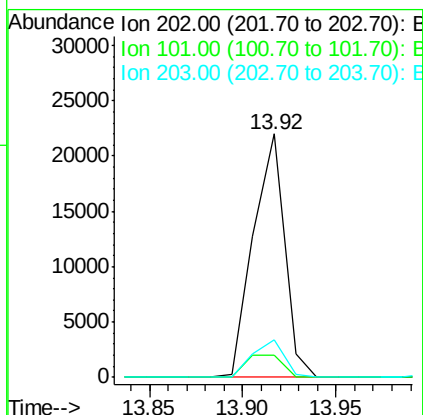
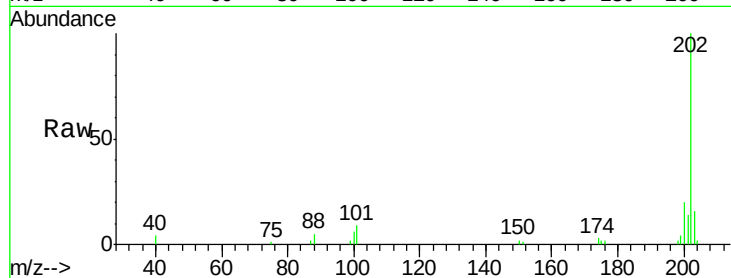




#74
 Fluoranthene
 Concen: 2.30 ng
 RT: 13.92 min Scan# 1140
 Delta R.T. 0.00 min
 Lab File: BF078454.D
 Acq: 11 Apr 2015 22:32

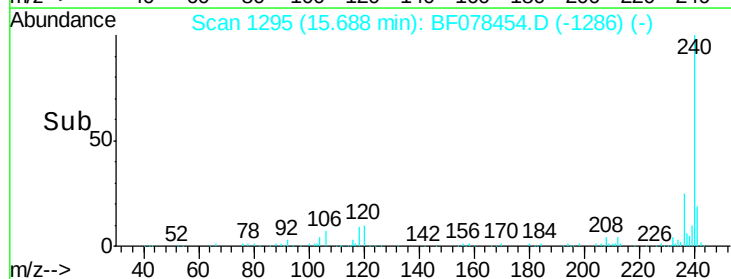
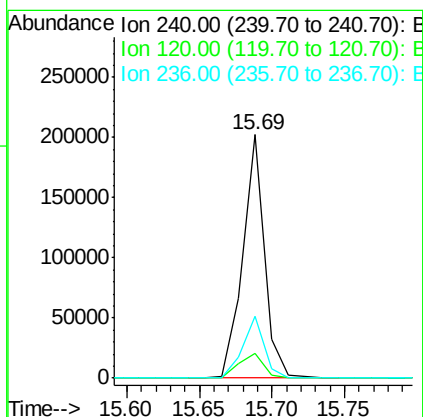
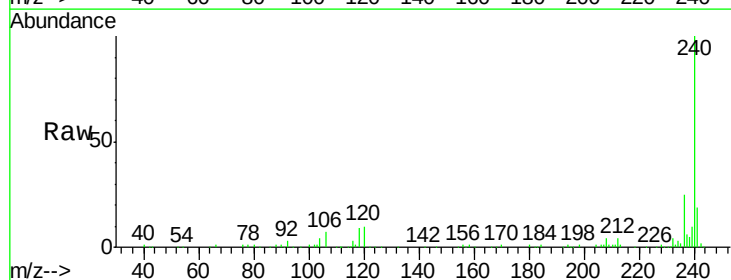
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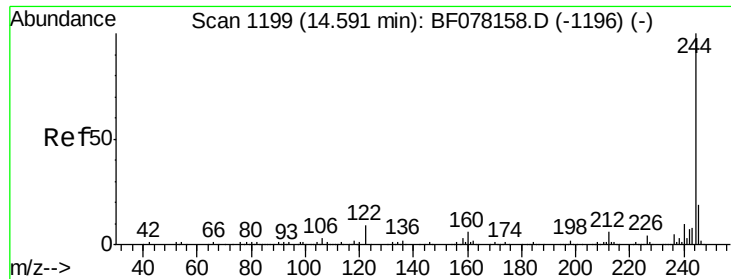
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	35.2
203	15.7	0.0	38.5



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.69 min Scan# 1295
 Delta R.T. 0.00 min
 Lab File: BF078454.D
 Acq: 11 Apr 2015 22:32

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.3	7.1	10.7
236	25.4	21.4	32.2





#78

Terphenyl-d14

Concen: 16.81 ng

RT: 14.41 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF078454.D

Acq: 11 Apr 2015 22:32

Instrument :

BNA_F

ClientSampleId :

SB12RE

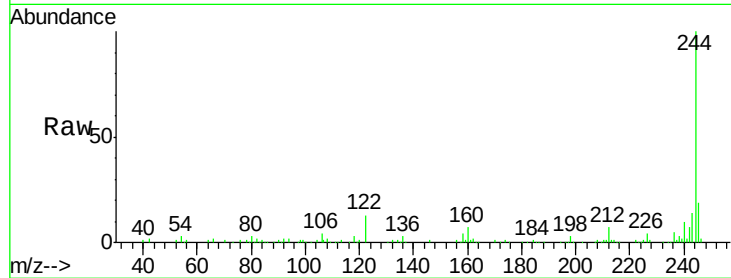
Tgt Ion:244 Resp: 156531

Ion Ratio Lower Upper

244 100

212 6.9 5.0 7.4

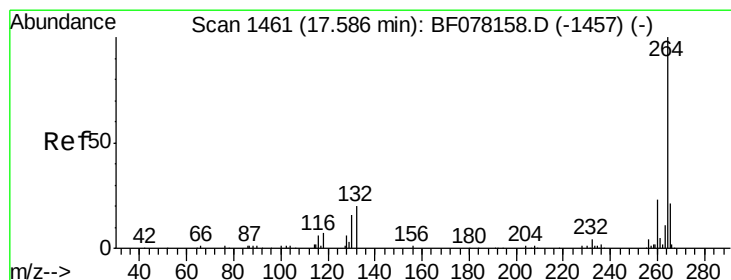
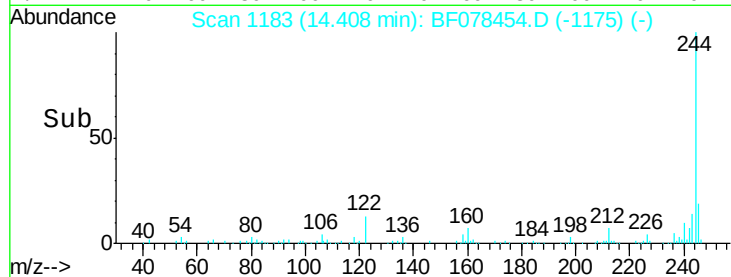
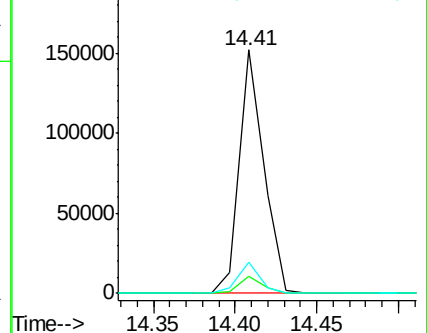
122 12.5 7.1 10.7#



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: 17.44 min Scan# 1448

Delta R.T. 0.08 min

Lab File: BF078454.D

Acq: 11 Apr 2015 22:32

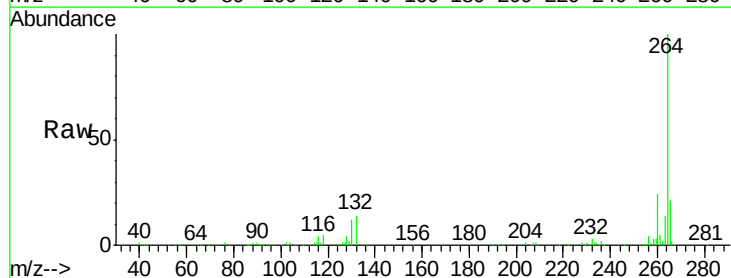
Tgt Ion:264 Resp: 198665

Ion Ratio Lower Upper

264 100

260 23.8 18.6 27.8

265 21.0 17.0 25.6



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

