

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
 Data File : BF078811.D
 Acq On : 29 Apr 2015 14:12
 Operator : TP/IZ
 Sample : G2018-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0433

Quant Time: Apr 30 01:30:20 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 00:55:08 2015
 Response via : Initial Calibration

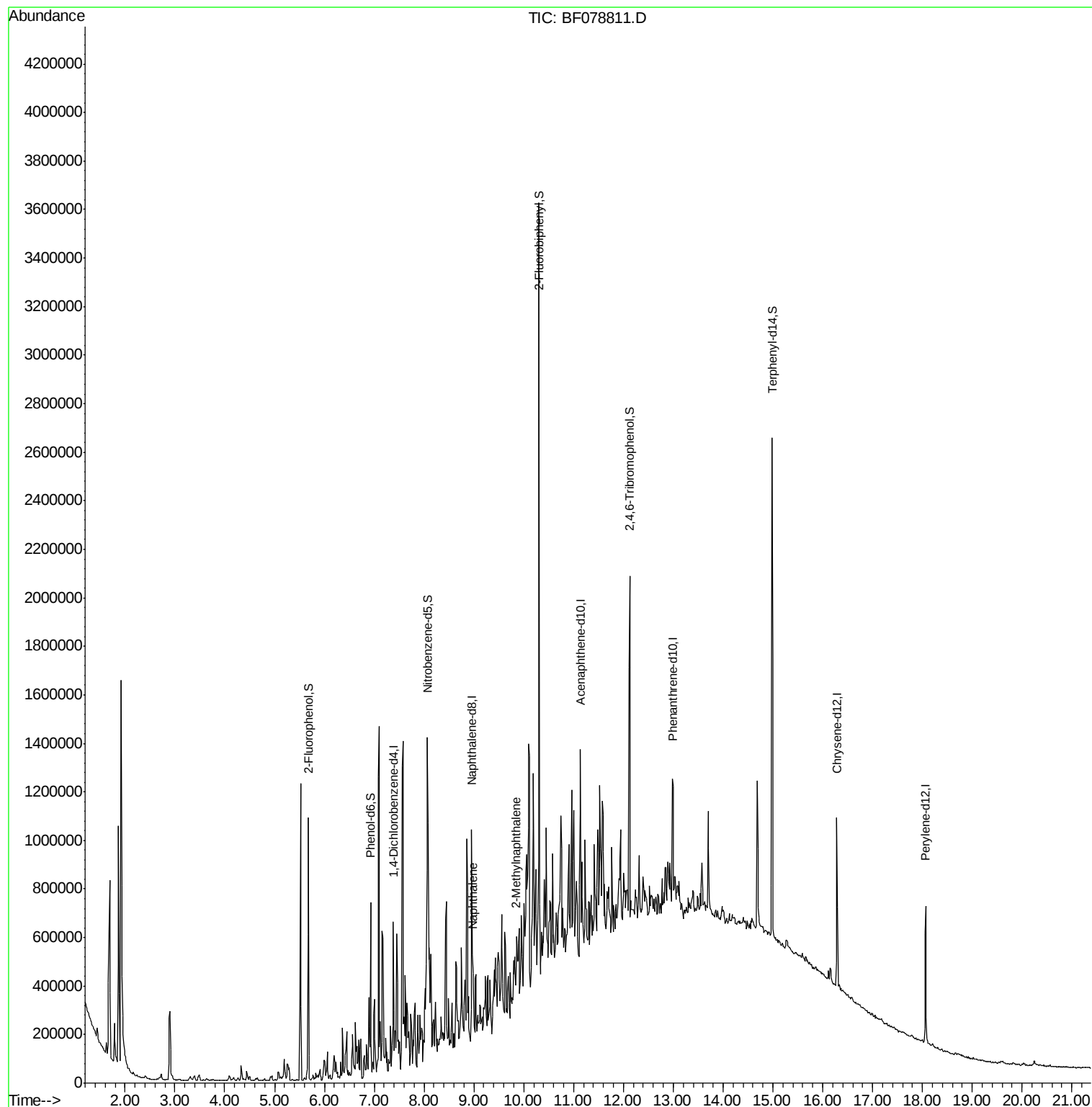
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	77905	20.00	ng	0.00
21) Naphthalene-d8	8.96	136	321536	20.00	ng	0.00
38) Acenaphthene-d10	11.14	164	195763	20.00	ng	0.00
63) Phenanthrene-d10	12.99	188	284690	20.00	ng	0.01
75) Chrysene-d12	16.29	240	294291	20.00	ng	-0.01
86) Perylene-d12	18.07	264	310357	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	267576	63.08	ng	0.00
7) Phenol-d6	6.92	99	218401	38.55	ng	0.00
23) Nitrobenzene-d5	8.07	82	452196	101.26	ng	0.00
41) 2,4,6-Tribromophenol	12.12	330	226907	117.13	ng	0.00
44) 2-Fluorobiphenyl	10.31	172	906249	63.40	ng	0.00
78) Terphenyl-d14	14.98	244	833760	67.47	ng	0.00
Target Compounds						
31) Naphthalene	8.98	128	125318	8.21	ng	99
37) 2-Methylnaphthalene	9.85	142	30076	2.93	ng	95

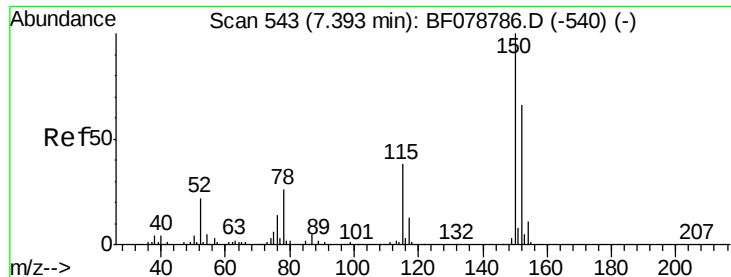
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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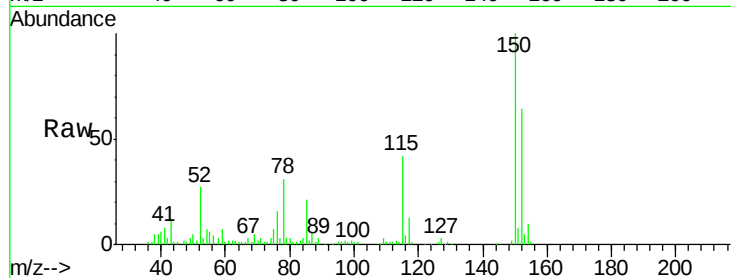


#1

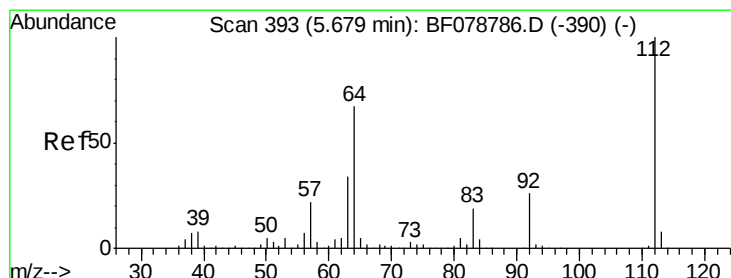
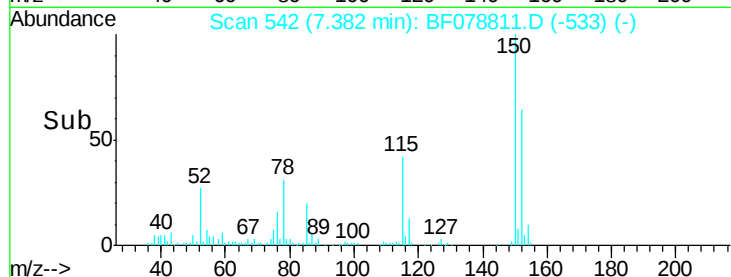
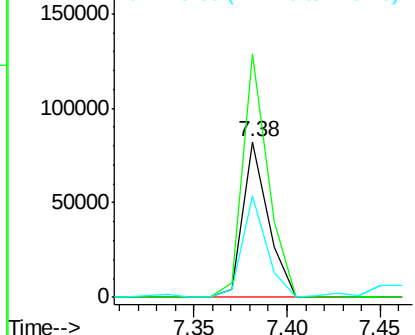
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF078811.D
Acq: 29 Apr 2015 14:12

Instrument :
BNA_F
ClientSampleId :
S8-0433

Tot Ion:152 Resp: 77905
Ion Ratio Lower Upper
152 100
150 156.7 122.0 183.0
115 65.8 46.3 69.5



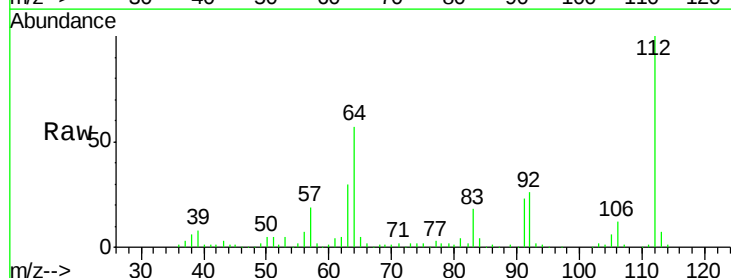
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



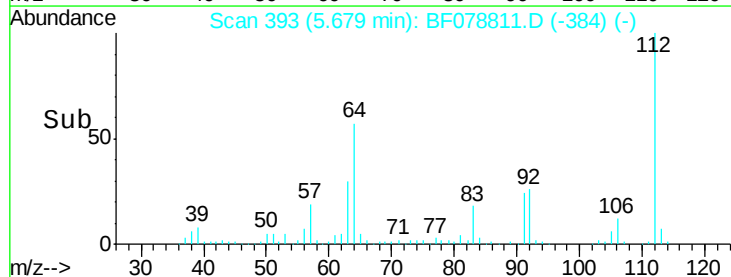
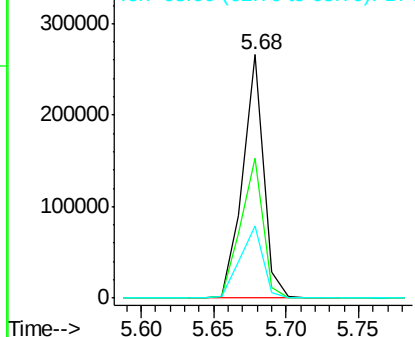
#5

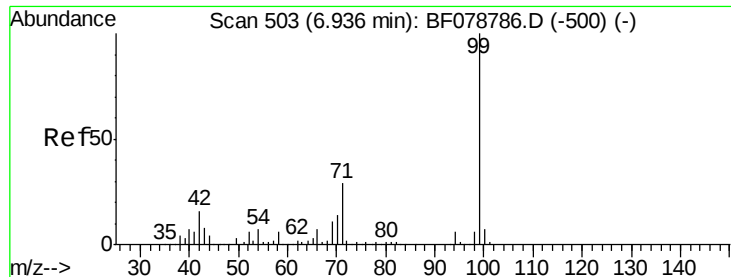
2-Fluorophenol
Concen: 63.08 ng
RT: 5.68 min Scan# 393
Delta R.T. -0.00 min
Lab File: BF078811.D
Acq: 29 Apr 2015 14:12

Tgt Ion:112 Resp: 267576
Ion Ratio Lower Upper
112 100
64 57.3 53.5 80.3
63 29.7 27.5 41.3



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: 38.55 ng

RT: 6.92 min Scan# 502

Delta R.T. -0.00 min

Lab File: BF078811.D

Acq: 29 Apr 2015 14:12

Instrument :

BNA_F

ClientSampleId :

S8-0433

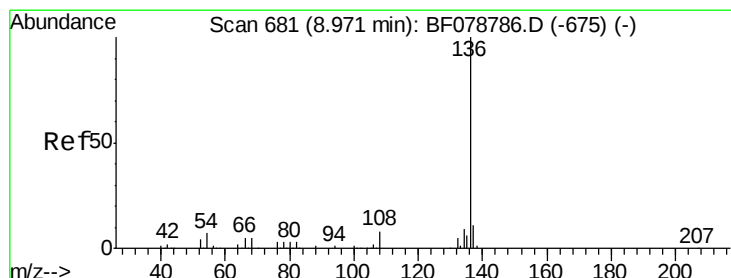
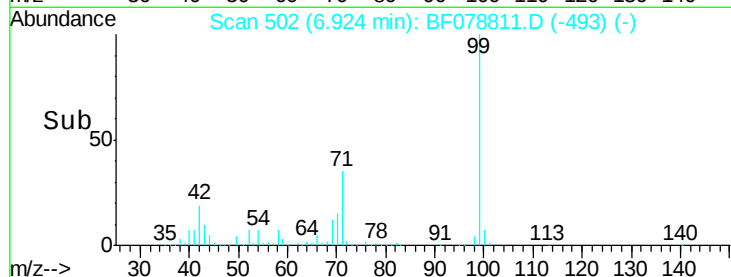
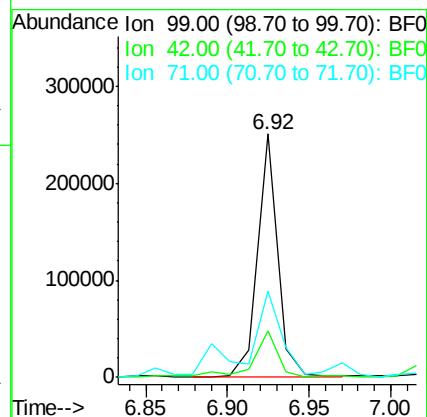
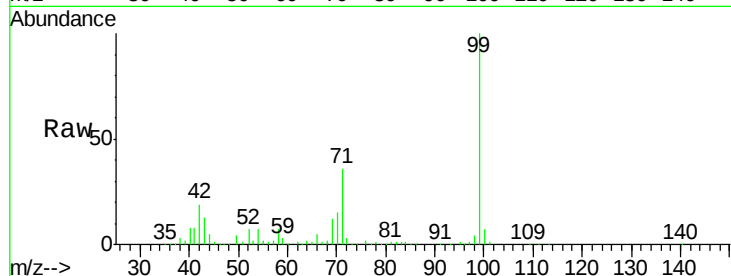
Tot Ion: 99 Resp: 218401

Ion Ratio Lower Upper

99 100

42 19.0 12.8 19.2

71 35.6 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.96 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF078811.D

Acq: 29 Apr 2015 14:12

Tgt Ion: 136 Resp: 321536

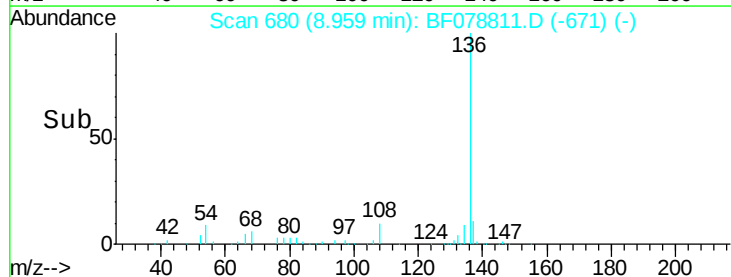
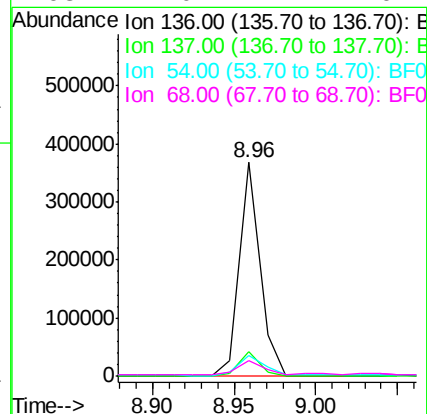
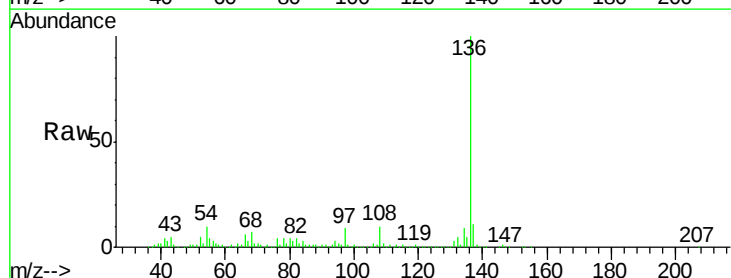
Ion Ratio Lower Upper

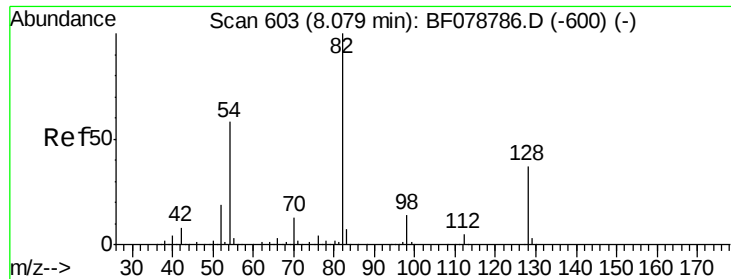
136 100

137 11.3 8.7 13.1

54 9.6 5.8 8.8#

68 7.0 4.2 6.4#

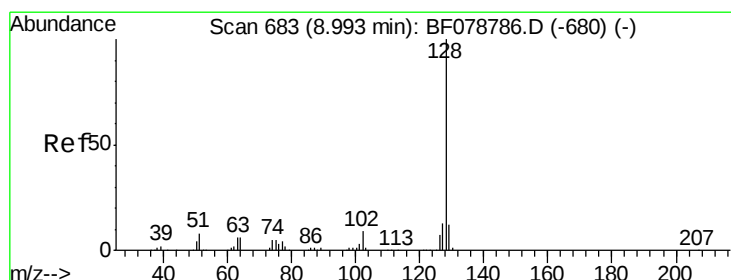
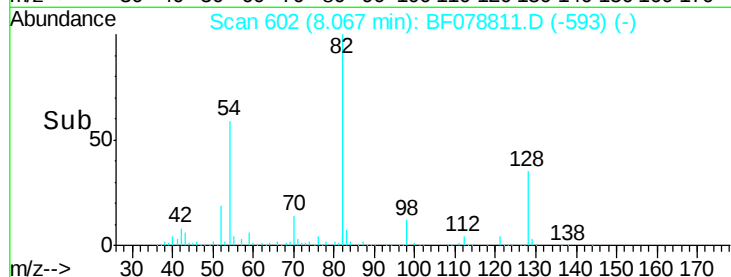
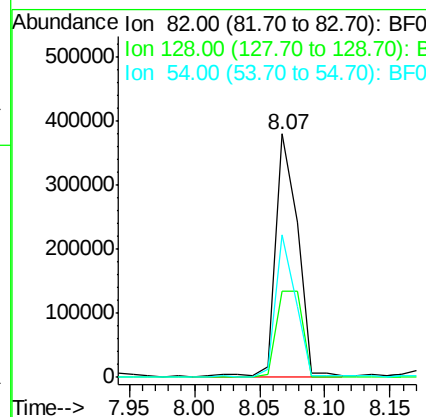
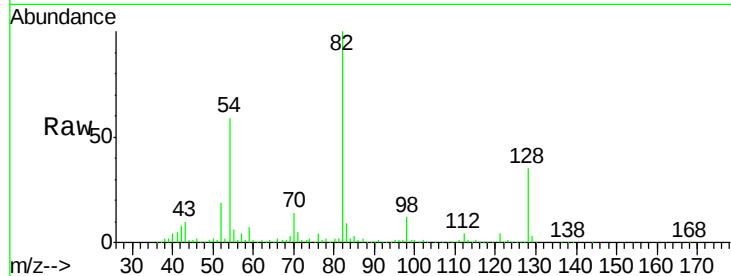




#23
Nitrobenzene-d5
Concen: 101.26 ng
RT: 8.07 min Scan# 602
Delta R.T. -0.00 min
Lab File: BF078811.D
Acq: 29 Apr 2015 14:12

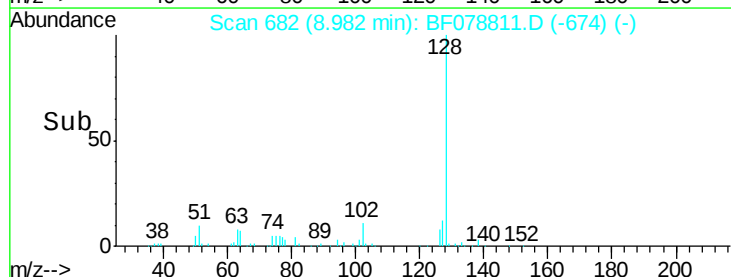
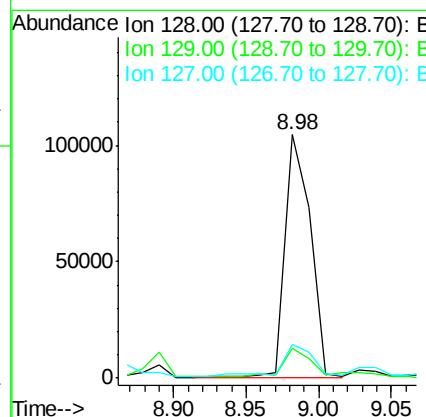
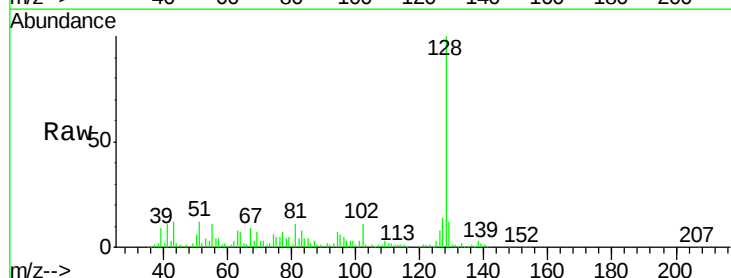
Instrument :
BNA_F
ClientSampleId :
S8-0433

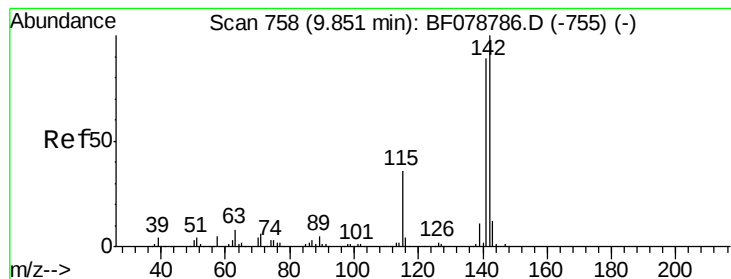
Tot Ion	82	Resp	452196
Ion Ratio	Lower	Upper	
82	100		
128	35.1	30.0	45.0
54	58.7	46.4	69.6



#31
Naphthalene
Concen: 8.21 ng
RT: 8.98 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF078811.D
Acq: 29 Apr 2015 14:12

Tgt Ion	128	Resp	125318
Ion Ratio	Lower	Upper	
128	100		
129	12.1	9.3	13.9
127	14.1	10.7	16.1

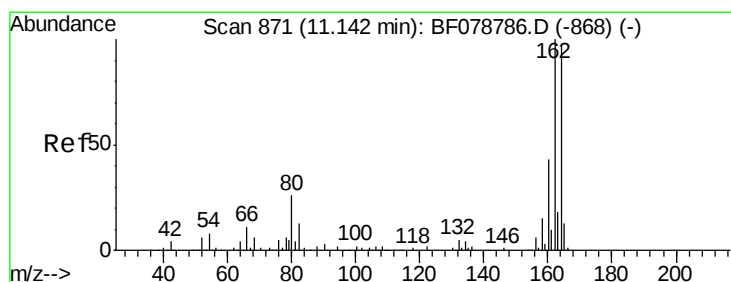
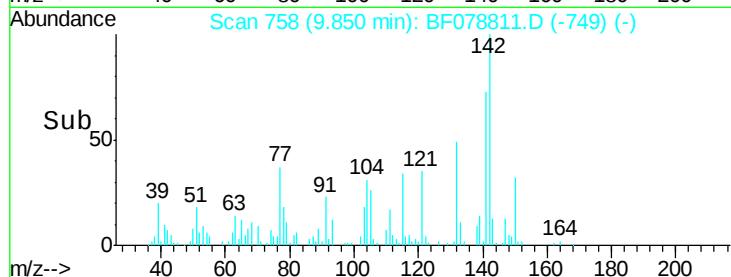
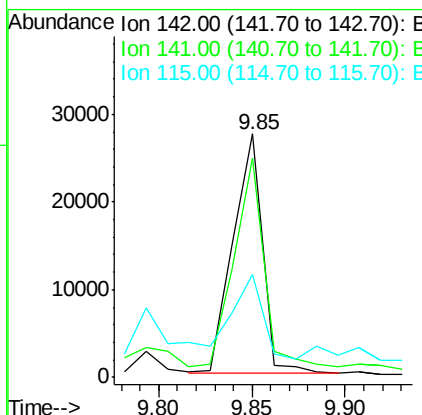
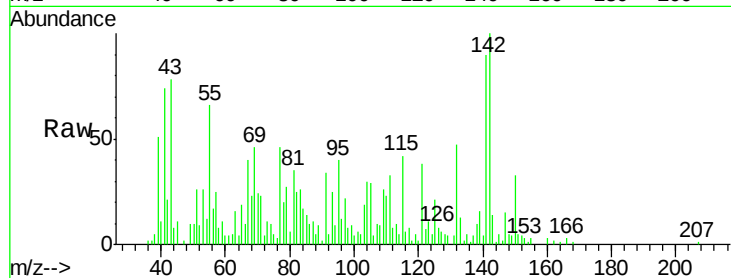




#37
 2-Methylnaphthalene
 Concen: 2.93 ng
 RT: 9.85 min Scan# 758
 Delta R.T. -0.00 min
 Lab File: BF078811.D
 Acq: 29 Apr 2015 14:12

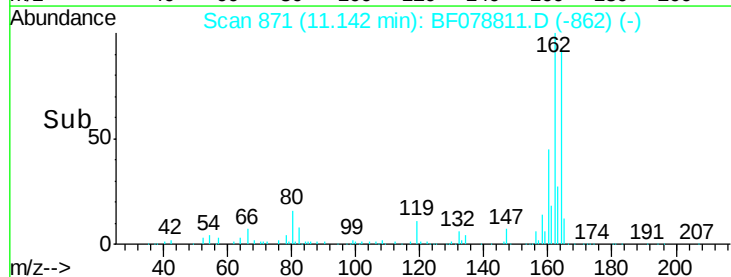
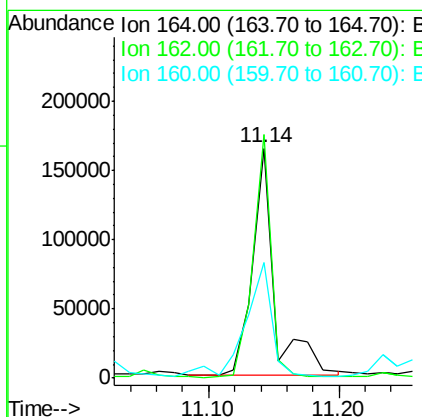
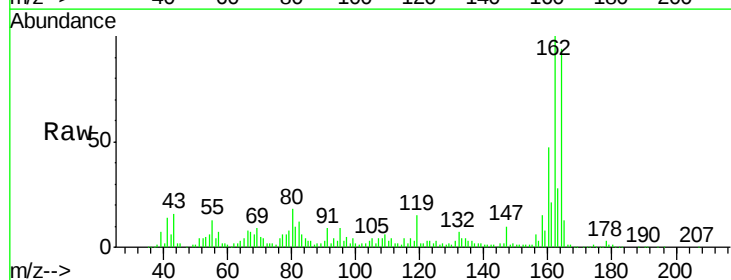
Instrument :
 BNA_F
 ClientSampleId :
 S8-0433

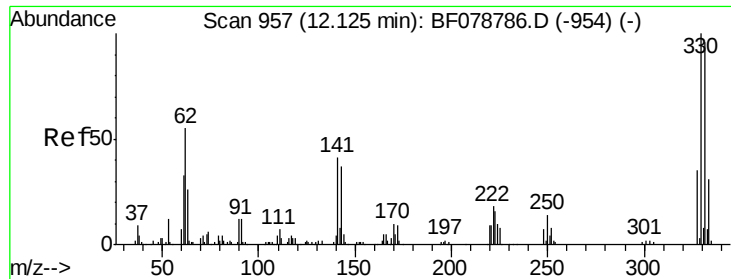
Tot Ion:142 Resp: 30076
 Ion Ratio Lower Upper
 142 100
 141 90.3 70.9 106.3
 115 42.3 28.5 42.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.14 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: BF078811.D
 Acq: 29 Apr 2015 14:12

Tgt Ion:164 Resp: 195763
 Ion Ratio Lower Upper
 164 100
 162 105.9 82.7 124.1
 160 50.1 35.8 53.8

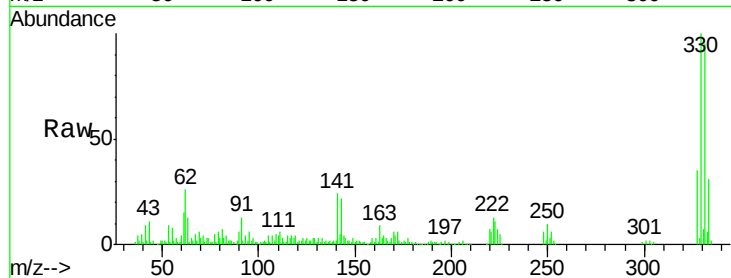




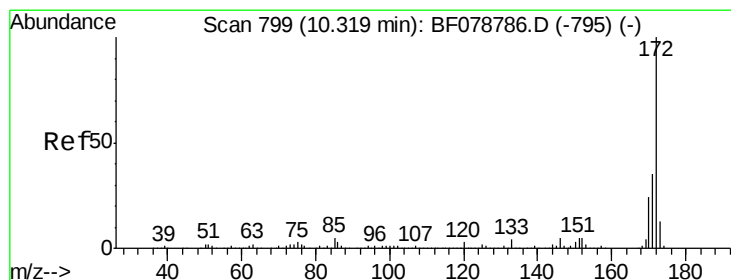
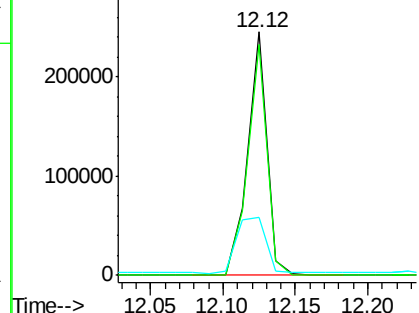
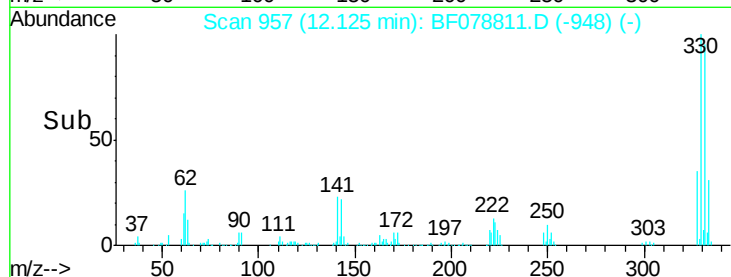
#41
 2,4,6-Tribromophenol
 Concen: 117.13 ng
 RT: 12.12 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: BF078811.D
 Acq: 29 Apr 2015 14:12

Instrument :
 BNA_F
 ClientSampleId :
 S8-0433

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	0.0	0.0#
141	34.6	0.0	0.0#

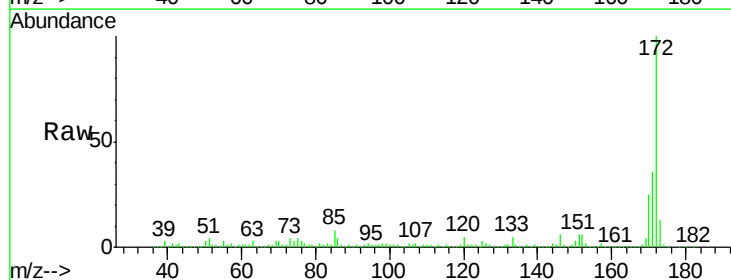


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

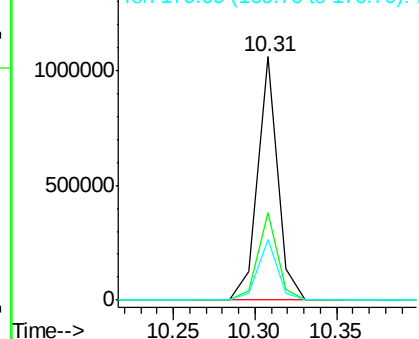
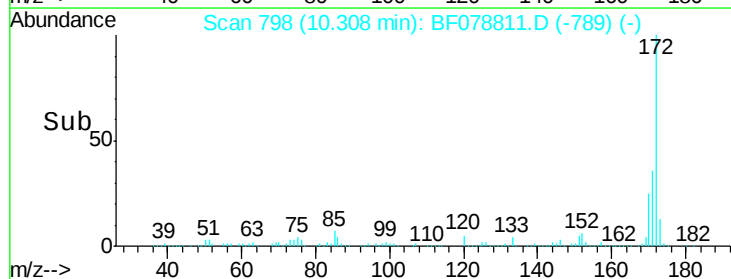


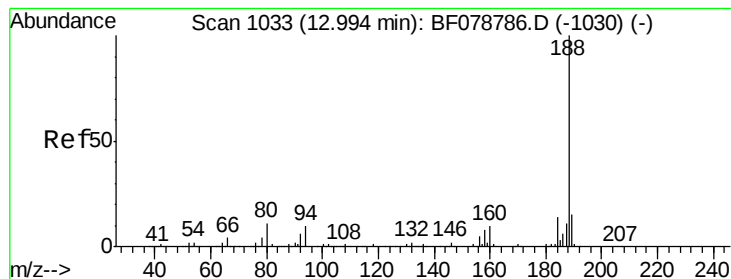
#44
 2-Fluorobiphenyl
 Concen: 63.40 ng
 RT: 10.31 min Scan# 798
 Delta R.T. -0.00 min
 Lab File: BF078811.D
 Acq: 29 Apr 2015 14:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	27.9	41.9
170	24.7	19.4	29.0



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: 12.99 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BF078811.D

Acq: 29 Apr 2015 14:12

Instrument :

BNA_F

ClientSampleId :

S8-0433

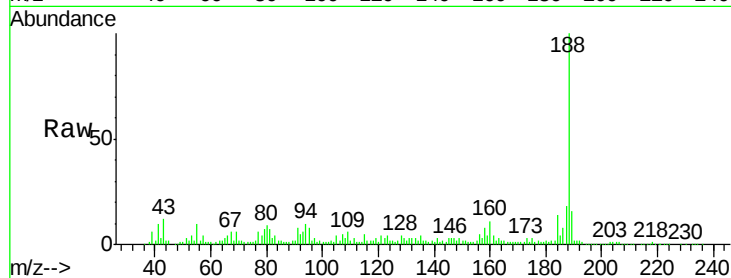
Tot Ion:188 Resp: 284690

Ion Ratio Lower Upper

188 100

94 10.1 8.2 12.2

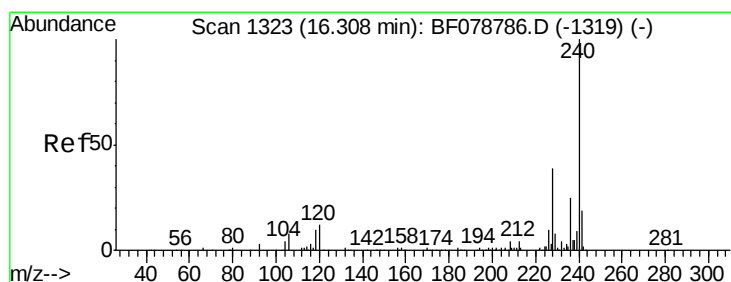
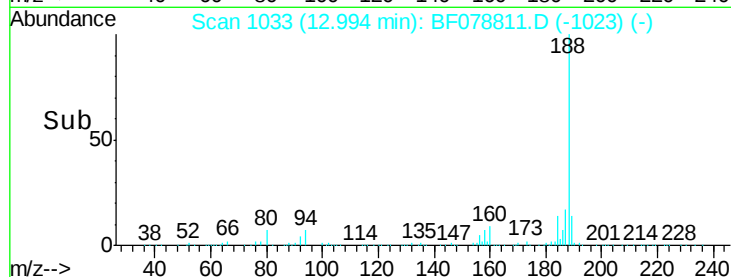
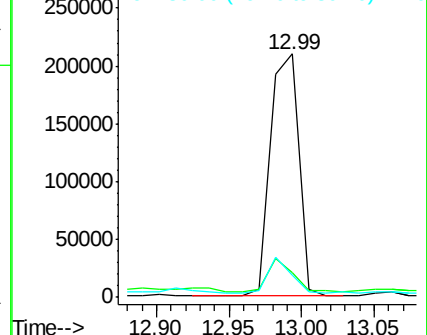
80 9.4 8.9 13.3



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: 16.29 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF078811.D

Acq: 29 Apr 2015 14:12

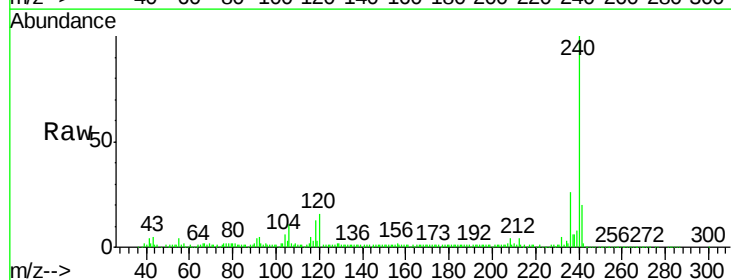
Tgt Ion:240 Resp: 294291

Ion Ratio Lower Upper

240 100

120 15.8 9.7 14.5#

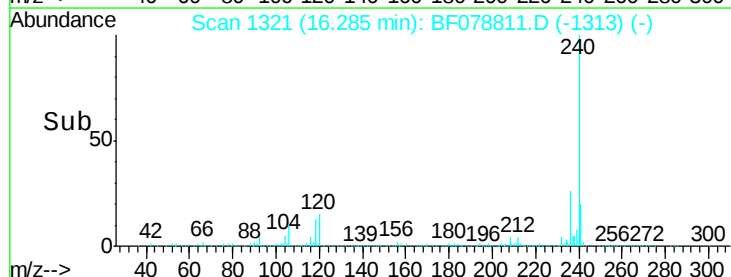
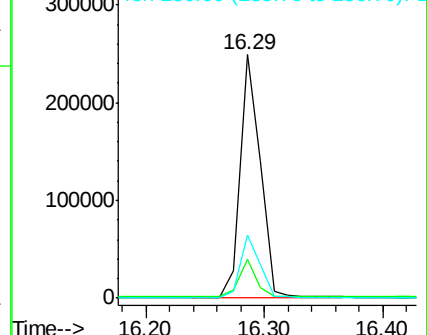
236 25.7 20.2 30.4

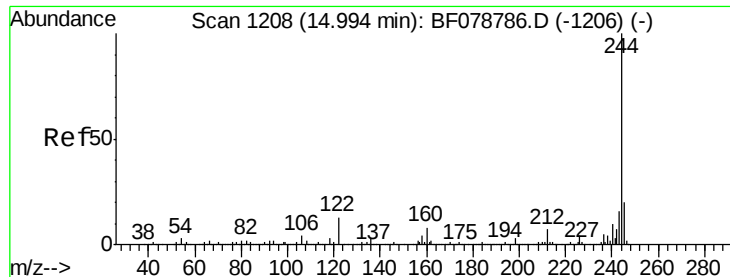


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 67.47 ng

RT: 14.98 min Scan# 1207

Delta R.T. -0.00 min

Lab File: BF078811.D

Acq: 29 Apr 2015 14:12

Instrument :

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S8-0433

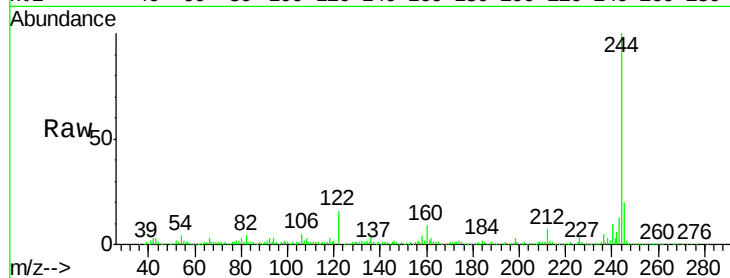
Tot Ion:244 Resp: 833760

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

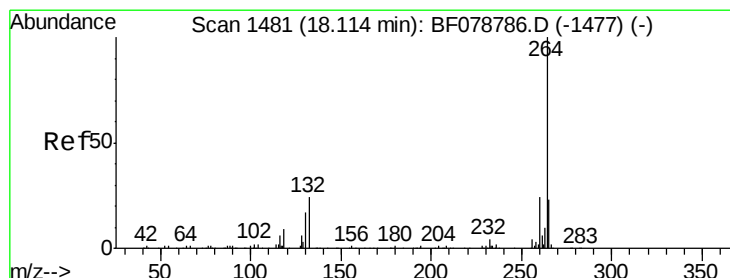
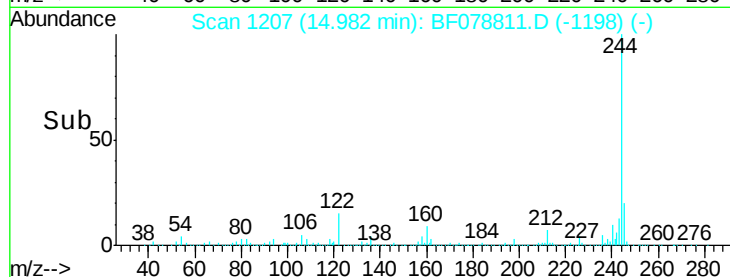
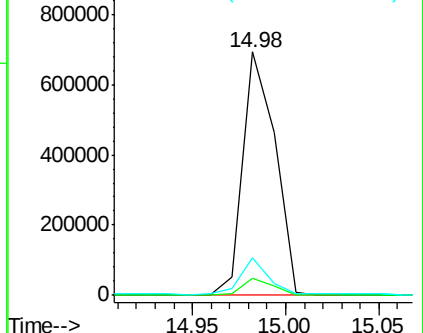
122 15.7 10.3 15.5#



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: 18.07 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BF078811.D

Acq: 29 Apr 2015 14:12

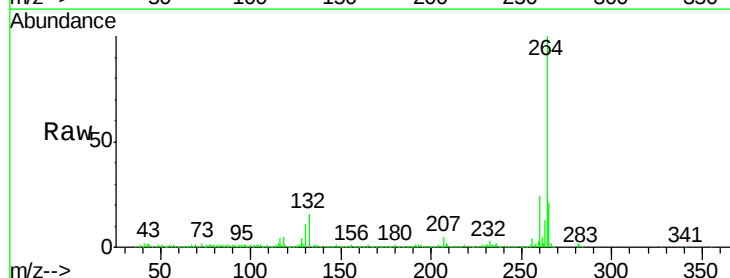
Tgt Ion:264 Resp: 310357

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

265 21.3 18.3 27.5



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

