

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
 Data File : BF084071.D
 Acq On : 24 Dec 2015 8:59
 Operator : UM/SJ
 Sample : G4925-09
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 24 10:43:56 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 18:54:09 2015
 Response via : Initial Calibration

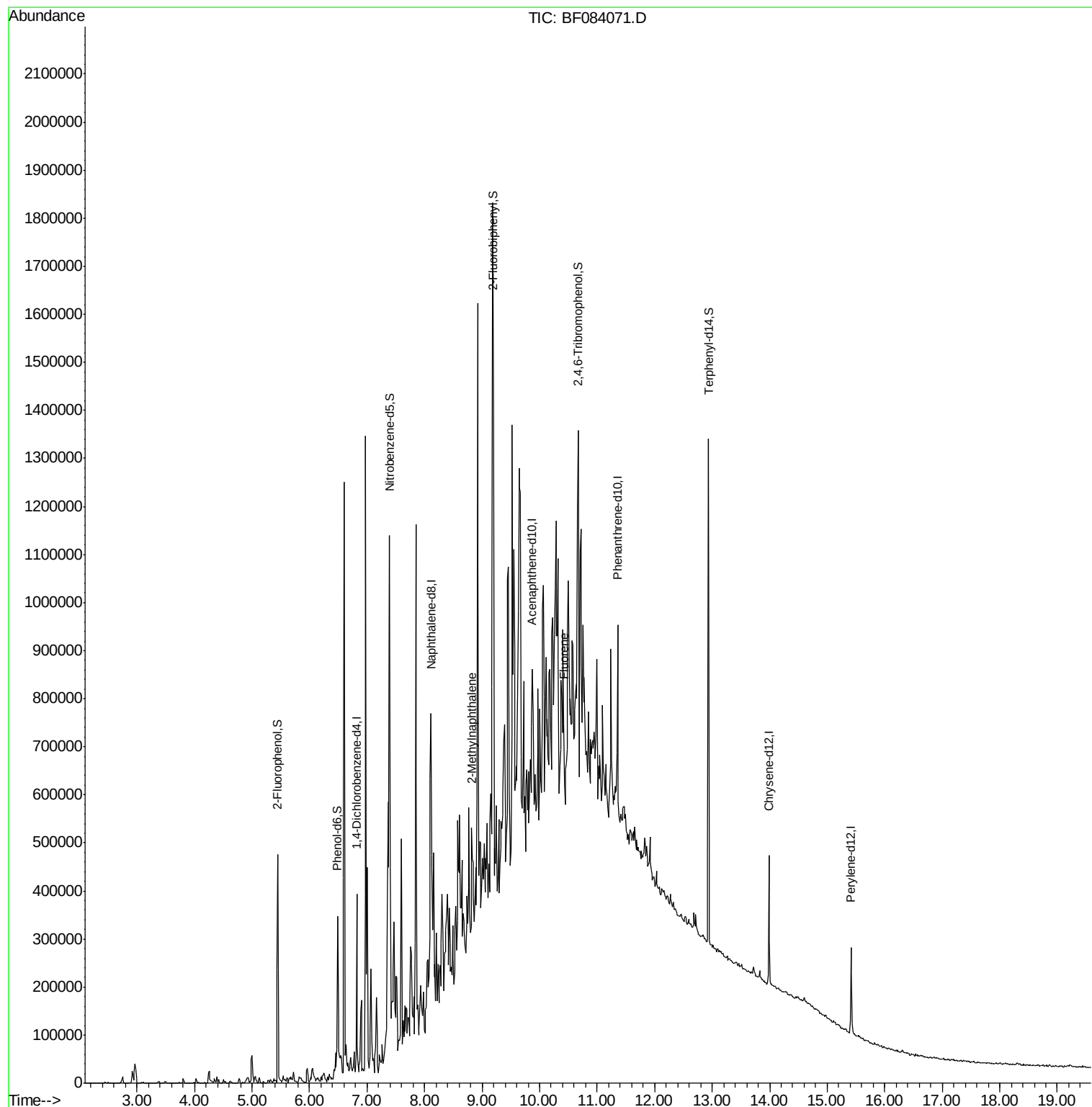
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	52371	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	192440	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	82672	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	132552	20.00	ng	0.00
75) Chrysene-d12	13.99	240	95330	20.00	ng	-0.01
86) Perylene-d12	15.41	264	83696	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	166918	54.34	ng	0.01
7) Phenol-d6	6.49	99	129241	35.79	ng	0.01
23) Nitrobenzene-d5	7.39	82	287756	91.86	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	124013	155.95	ng	0.01
44) 2-Fluorobiphenyl	9.18	172	562609	91.59	ng	-0.01
78) Terphenyl-d14	12.93	244	318611	79.70	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.82	142	87654	13.77	ng	# 94
57) Fluorene	10.42	166	21838	3.72	ng	# 88

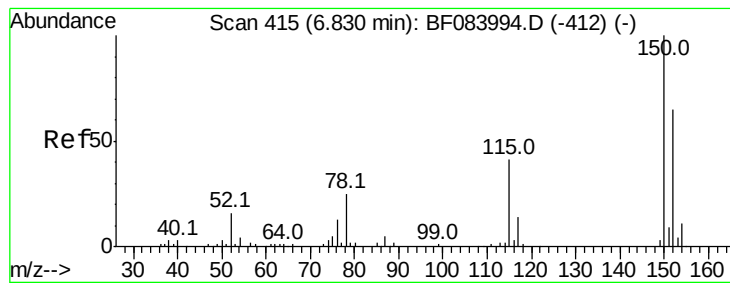
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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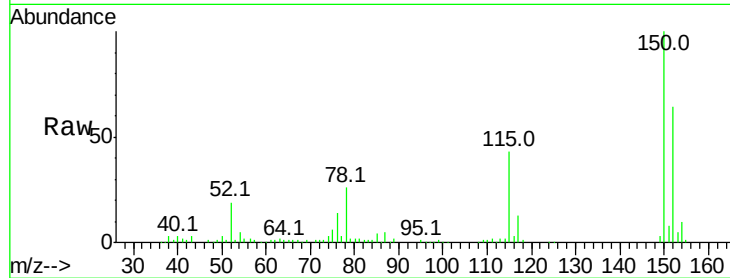


#1

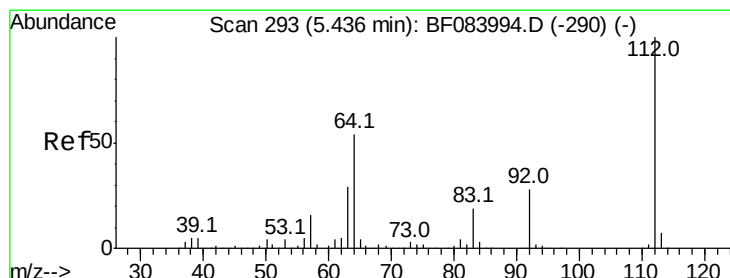
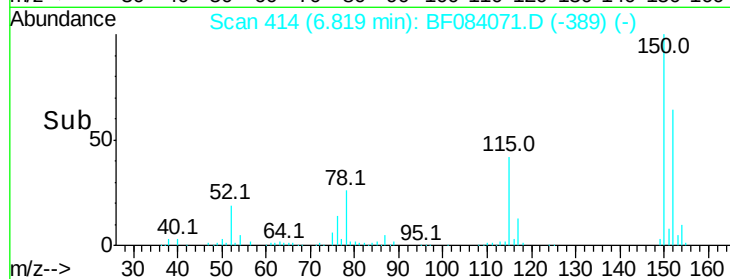
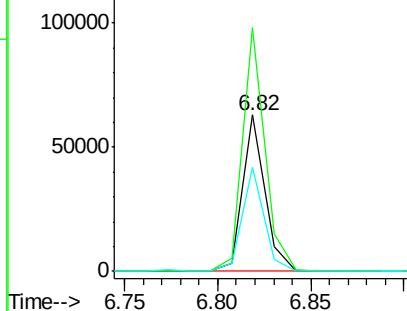
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.82 min Scan# 414
 Delta R.T. -0.01 min
 Lab File: BF084071.D
 Acq: 24 Dec 2015 8:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 52371
 Ion Ratio Lower Upper
 152 100
 150 155.6 123.0 184.4
 115 66.6 51.4 77.2



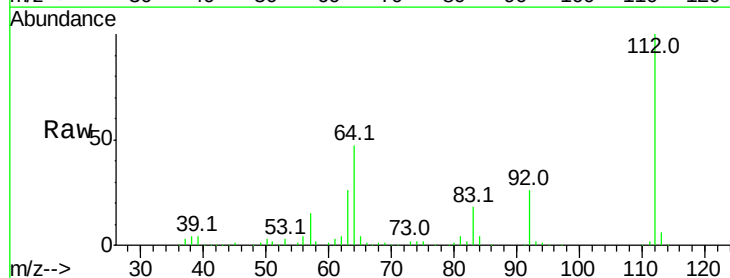
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



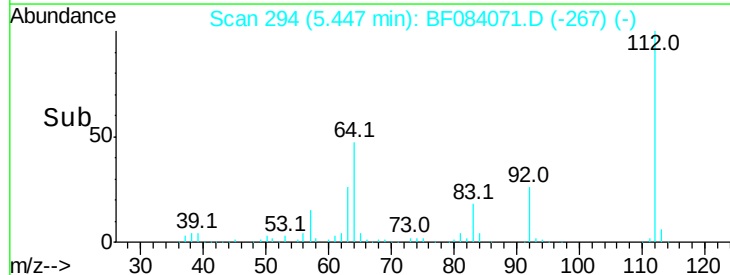
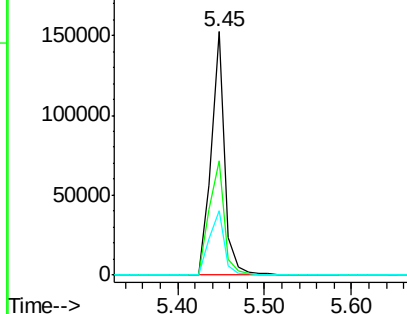
#5

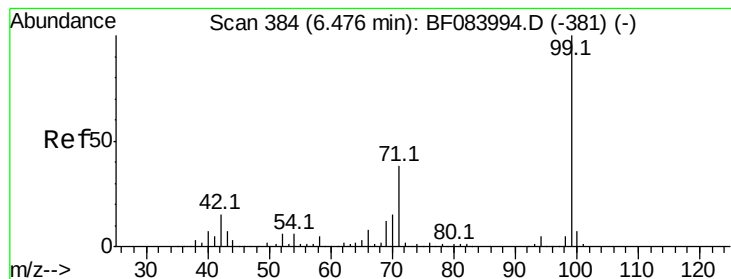
2-Fluorophenol
 Concen: 54.34 ng
 RT: 5.45 min Scan# 294
 Delta R.T. 0.01 min
 Lab File: BF084071.D
 Acq: 24 Dec 2015 8:59

Tgt Ion:112 Resp: 166918
 Ion Ratio Lower Upper
 112 100
 64 47.2 36.6 55.0
 63 26.4 19.4 29.0



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: 35.79 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.01 min

Lab File: BF084071.D

Acq: 24 Dec 2015 8:59

Instrument :

BNA_F

ClientSampleId :

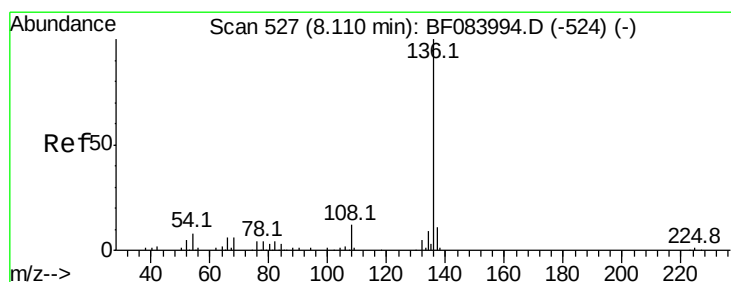
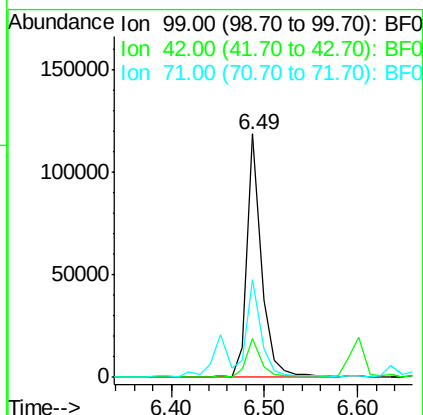
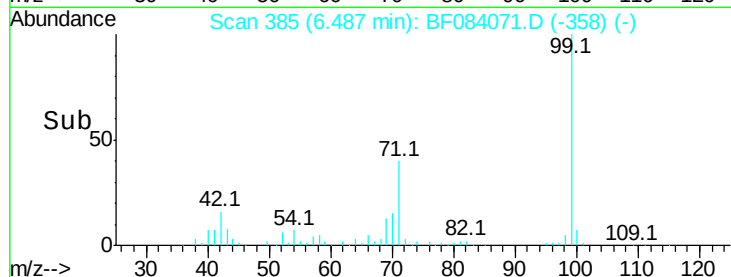
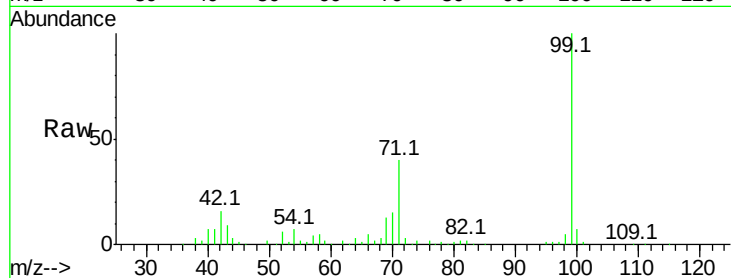
Tot Ion: 99 Resp: 129241

Ion Ratio Lower Upper

99 100

42 16.0 12.8 19.2

71 39.9 30.9 46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF084071.D

Acq: 24 Dec 2015 8:59

Tgt Ion: 136 Resp: 192440

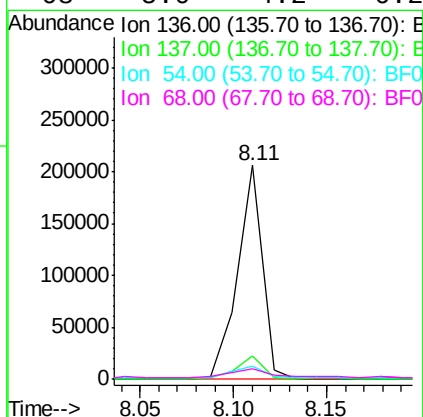
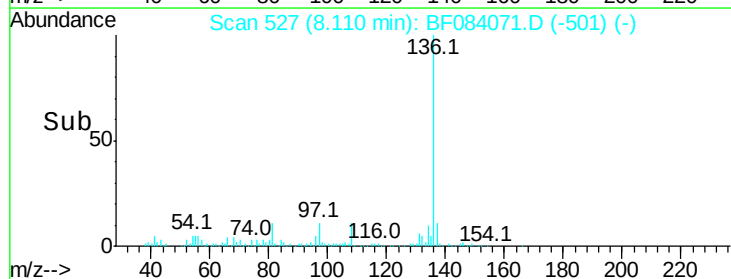
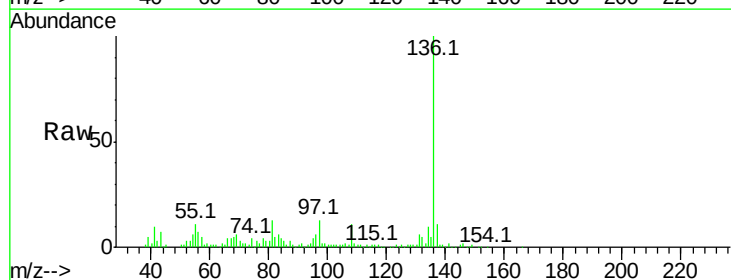
Ion Ratio Lower Upper

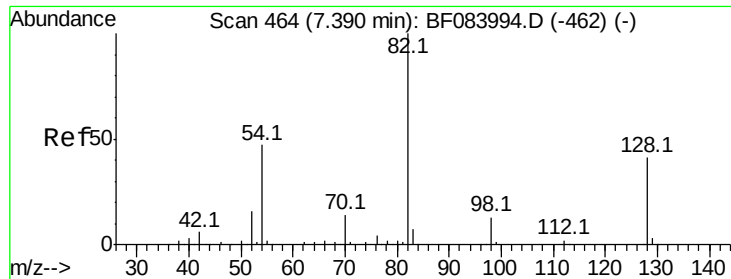
136 100

137 10.7 8.7 13.1

54 5.8 5.8 8.8#

68 5.0 4.2 6.2

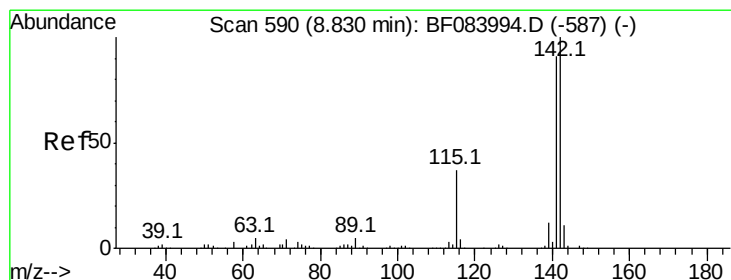
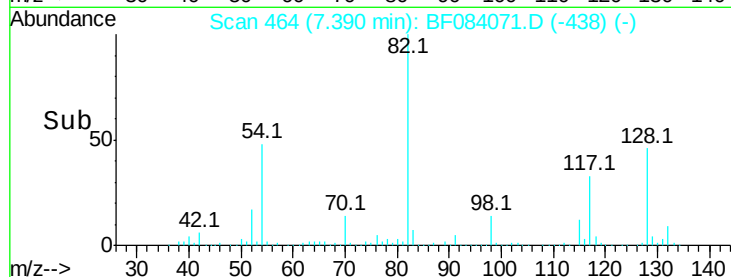
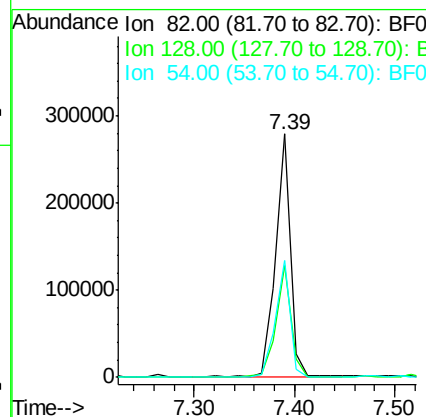
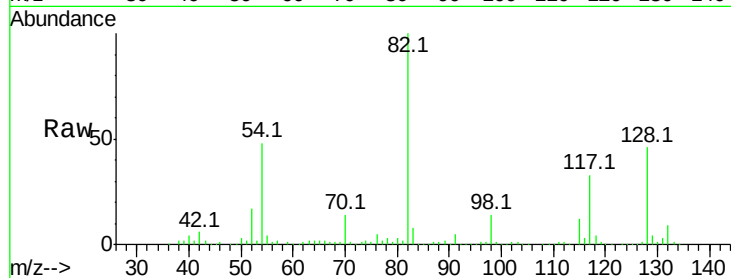




#23
Nitrobenzene-d5
Concen: 91.86 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF084071.D
Acq: 24 Dec 2015 8:59

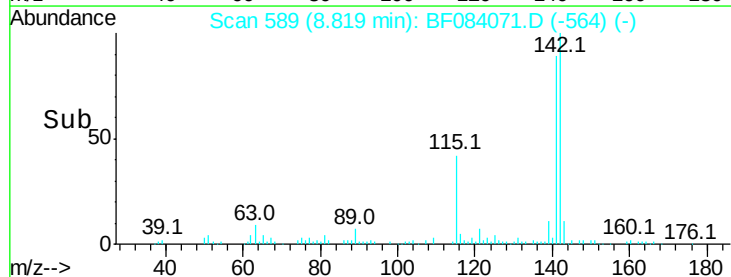
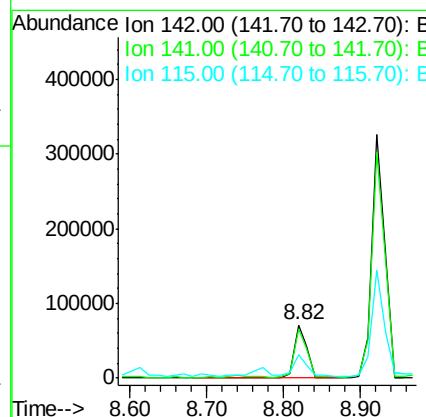
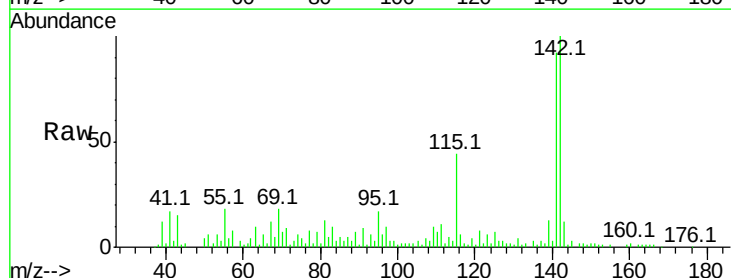
Instrument :
BNA_F
ClientSampleId :

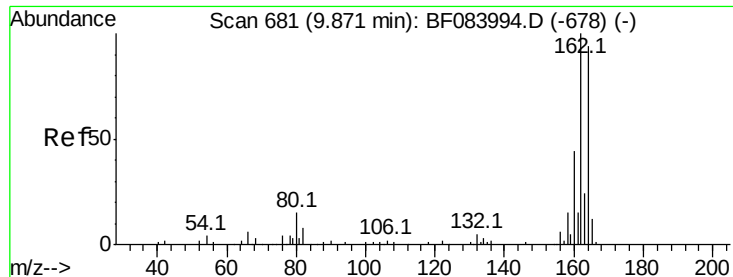
Tot Ion	82	Resp	287756
Ion	Ratio	Lower	Upper
82	100		
128	45.7	34.6	51.8
54	47.9	38.4	57.6



#37
2-Methylnaphthalene
Concen: 13.77 ng
RT: 8.82 min Scan# 589
Delta R.T. -0.01 min
Lab File: BF084071.D
Acq: 24 Dec 2015 8:59

Tgt Ion	142	Resp	87654
Ion	Ratio	Lower	Upper
142	100		
141	92.3	72.4	108.6
115	44.2	27.9	41.9#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF084071.D

Acq: 24 Dec 2015 8:59

Instrument :

BNA_F

ClientSampleId :

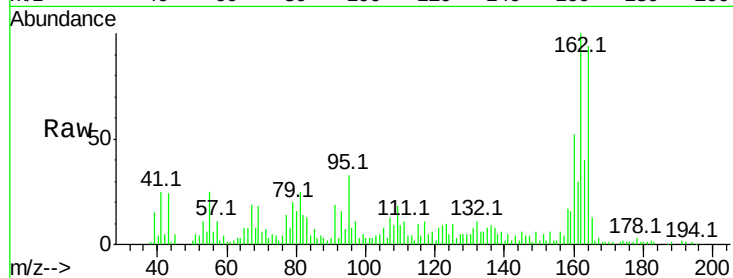
Tot Ion:164 Resp: 82672

Ion Ratio Lower Upper

164 100

162 105.9 85.1 127.7

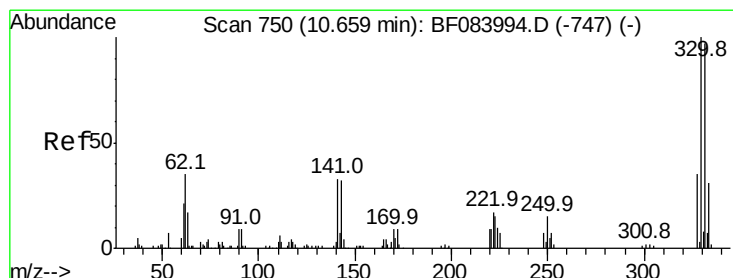
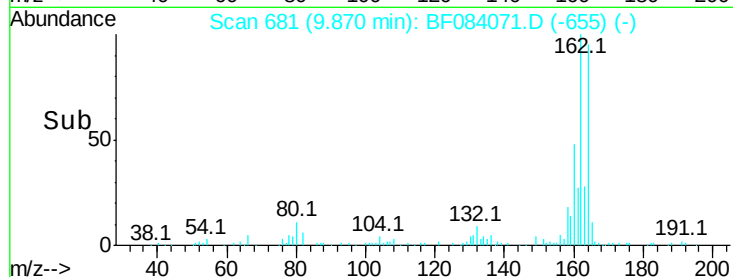
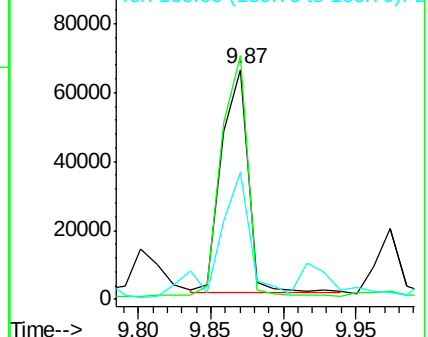
160 55.0 37.5 56.3



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: 155.95 ng

RT: 10.67 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF084071.D

Acq: 24 Dec 2015 8:59

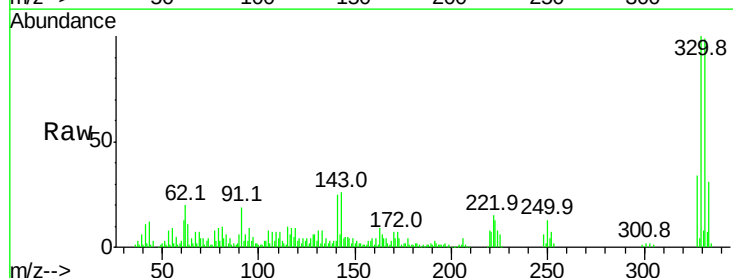
Tgt Ion:330 Resp: 124013

Ion Ratio Lower Upper

330 100

332 96.9 76.6 114.8

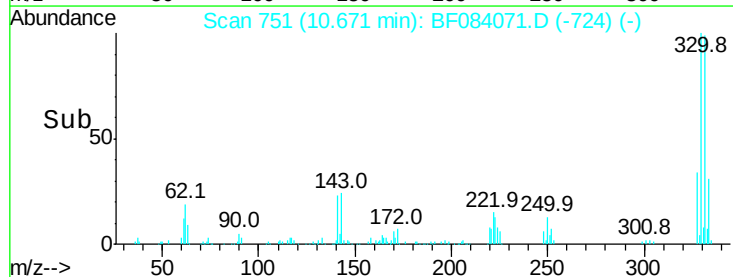
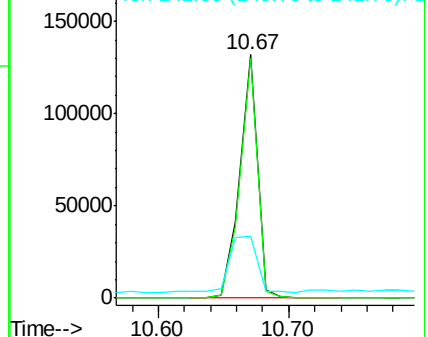
141 36.4 27.8 41.6

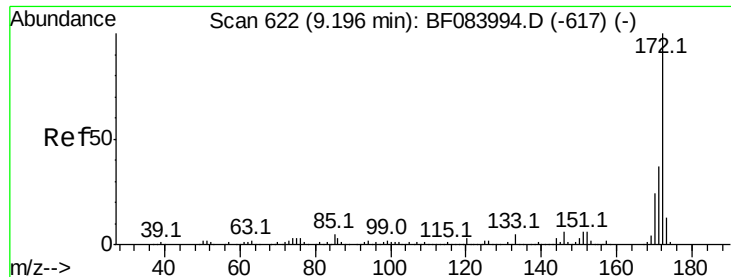


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

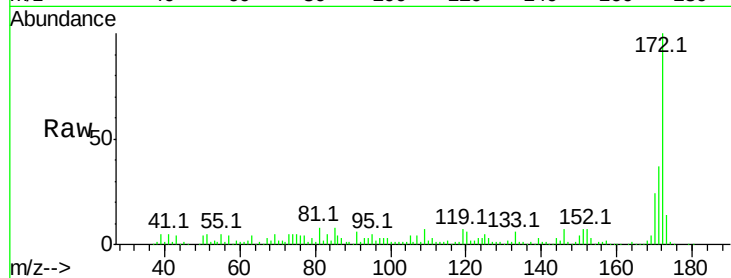




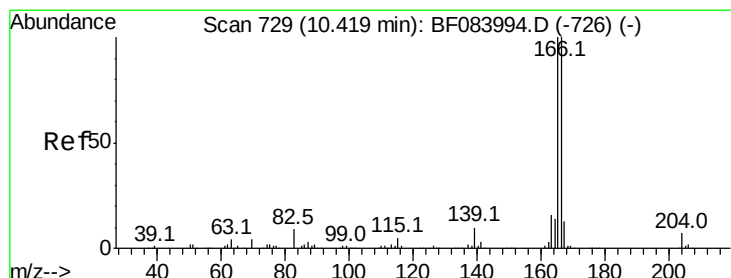
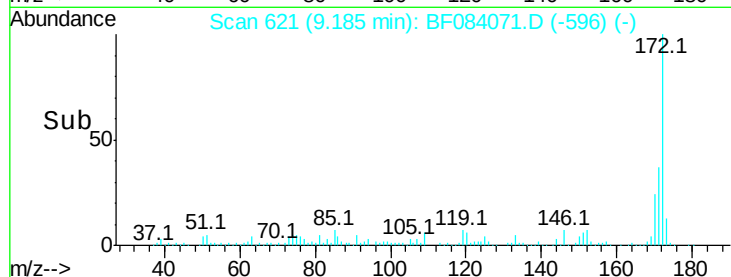
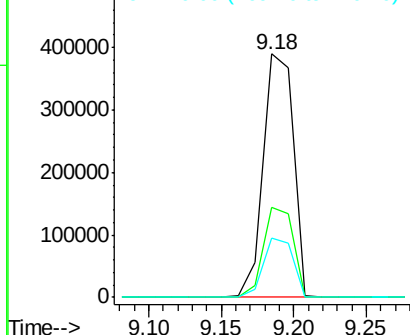
#44
2-Fluorobiphenyl
Concen: 91.59 ng
RT: 9.18 min Scan# 621
Delta R.T. -0.01 min
Lab File: BF084071.D
Acq: 24 Dec 2015 8:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 562609
Ion Ratio Lower Upper
172 100
171 36.8 28.9 43.3
170 24.4 18.6 27.8

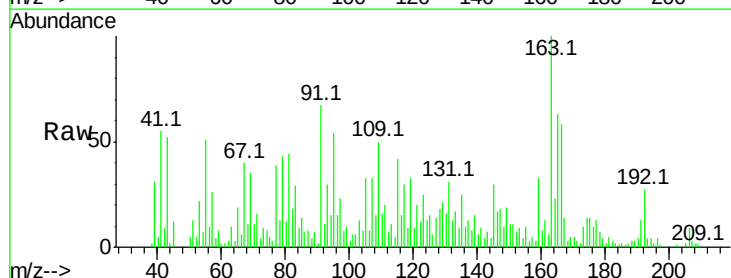


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

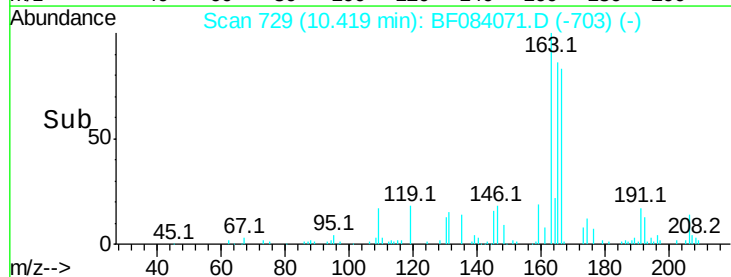
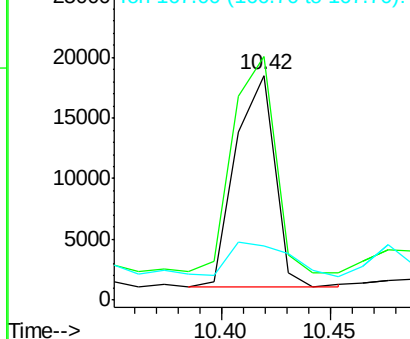


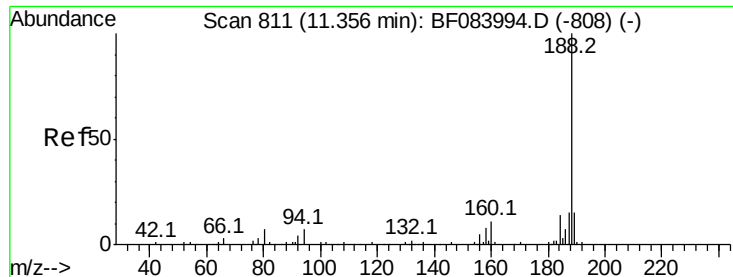
#57
Fluorene
Concen: 3.72 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF084071.D
Acq: 24 Dec 2015 8:59

Tgt Ion:166 Resp: 21838
Ion Ratio Lower Upper
166 100
165 108.5 79.1 118.7
167 24.1 10.4 15.6#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

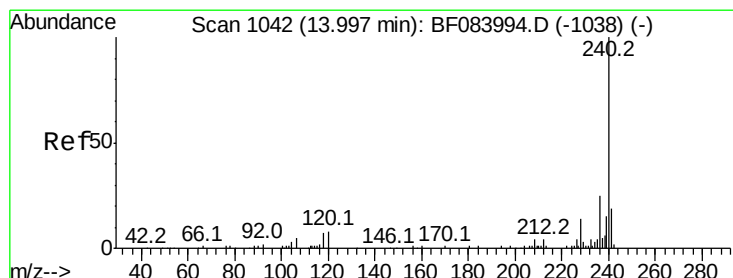
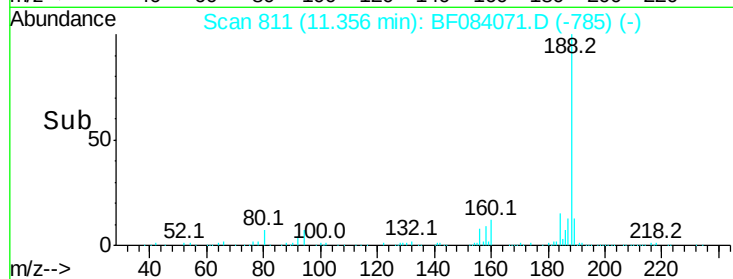
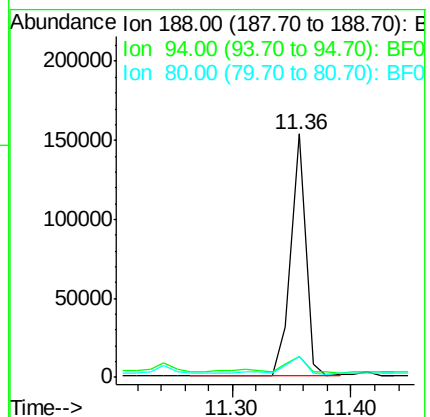
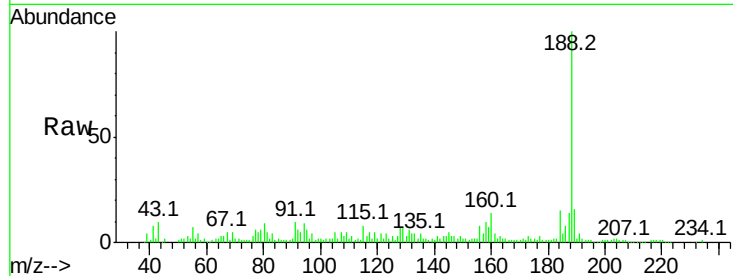




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF084071.D
Acq: 24 Dec 2015 8:59

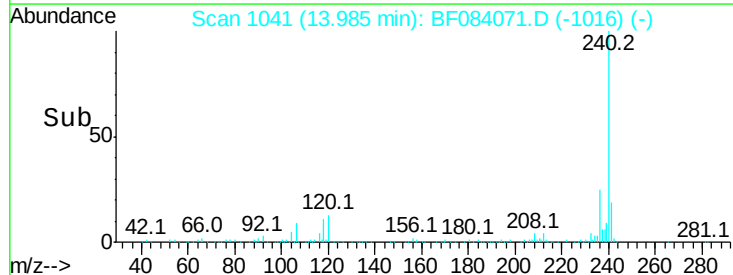
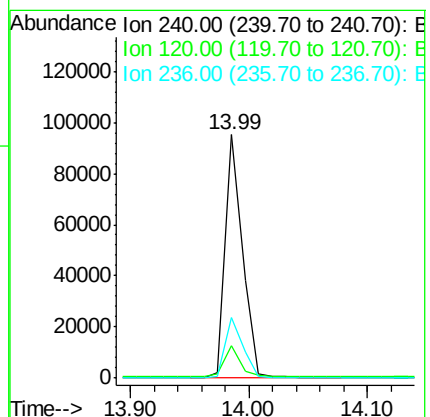
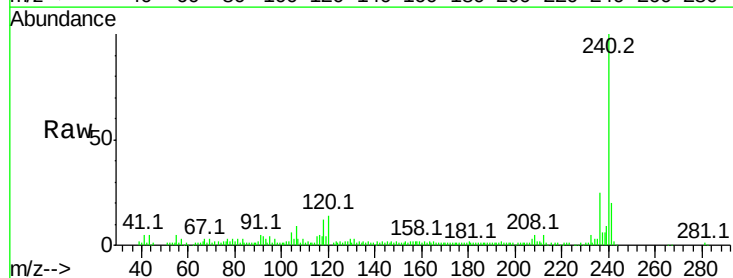
Instrument :
BNA_F
ClientSampleId :

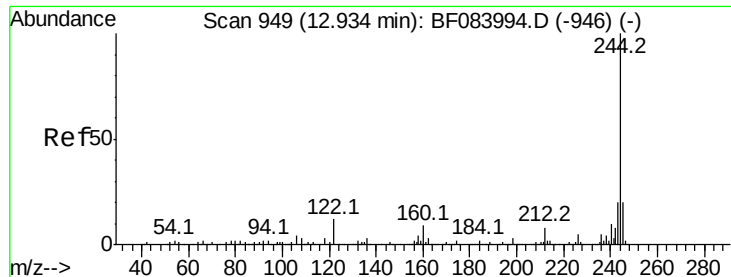
Tot Ion:188 Resp: 132552
Ion Ratio Lower Upper
188 100
94 8.8 9.0 13.4#
80 8.8 9.6 14.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF084071.D
Acq: 24 Dec 2015 8:59

Tgt Ion:240 Resp: 95330
Ion Ratio Lower Upper
240 100
120 13.5 9.5 14.3
236 24.7 20.6 31.0





#78

Terphenyl-d14

Concen: 79.70 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF084071.D

Acq: 24 Dec 2015 8:59

Instrument :

BNA_F

ClientSampleId :

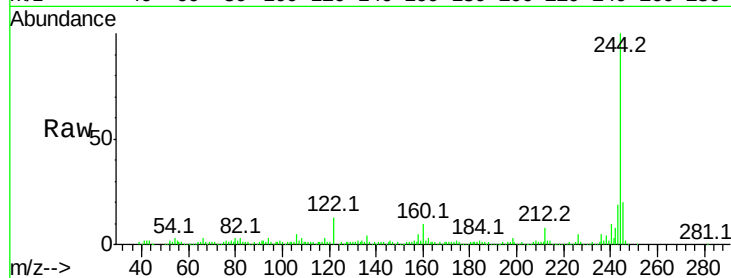
Tot Ion:244 Resp: 318611

Ion Ratio Lower Upper

244 100

212 8.2 5.7 8.5

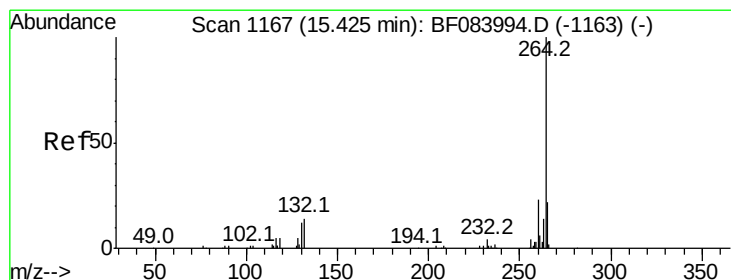
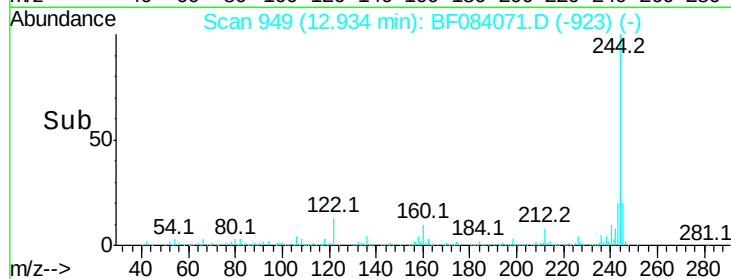
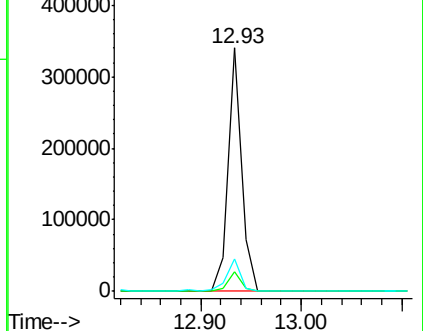
122 13.1 7.4 11.0#



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: 15.41 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF084071.D

Acq: 24 Dec 2015 8:59

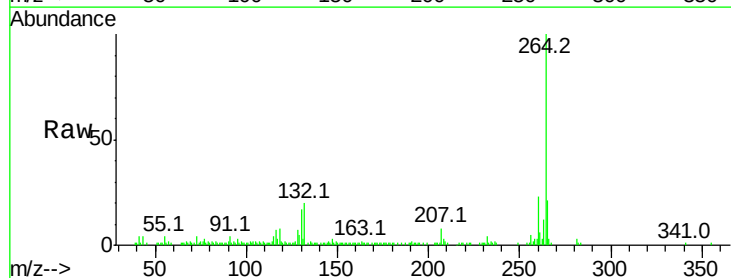
Tgt Ion:264 Resp: 83696

Ion Ratio Lower Upper

264 100

260 22.9 19.4 29.2

265 20.8 17.8 26.6



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

