

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
 Data File : BF102106.D
 Acq On : 16 Jan 2018 13:48
 Operator : SJ/JU
 Sample : J1113-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-3.5-4.0-DUP

Quant Time: Jan 17 00:39:42 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

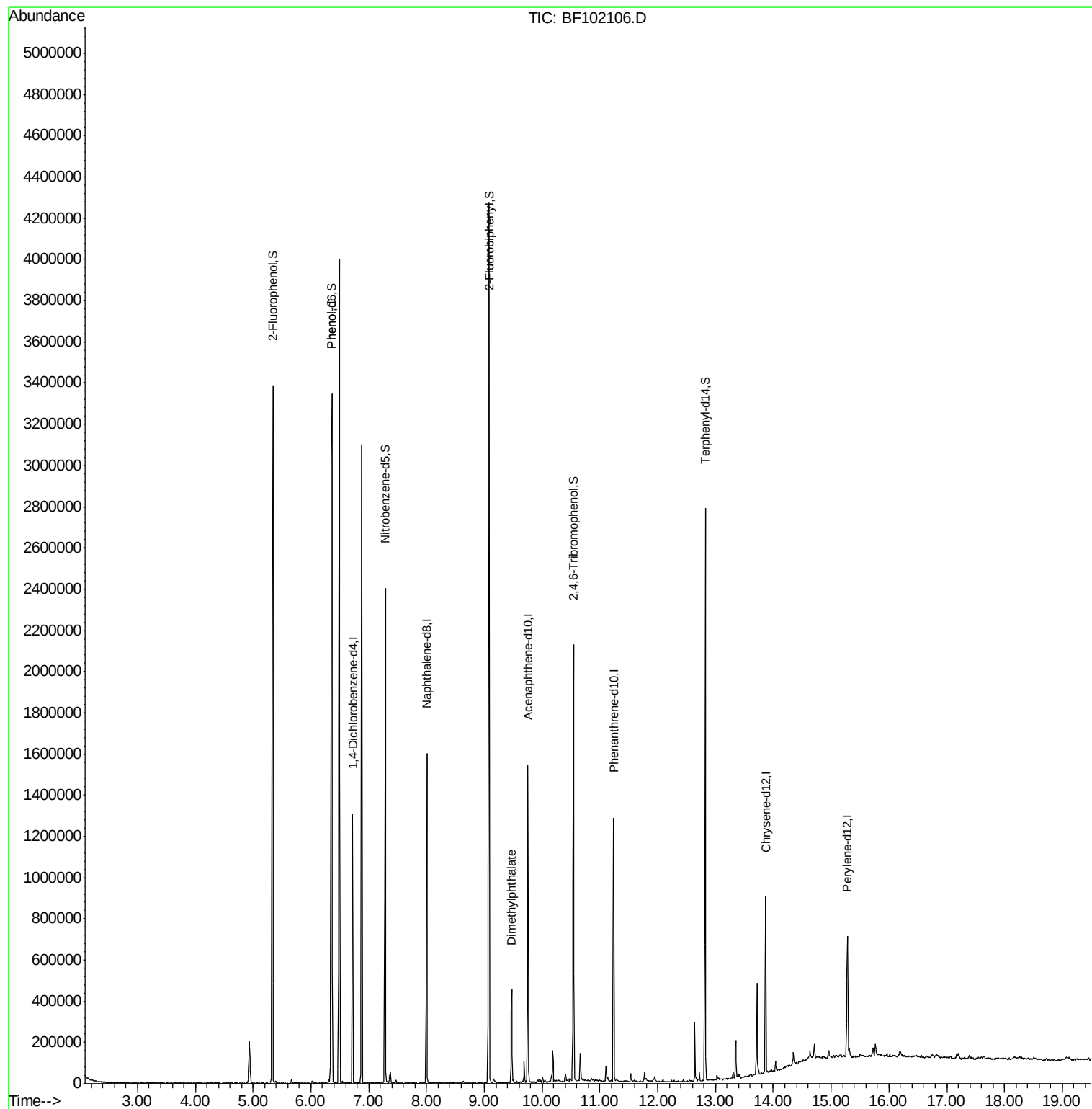
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	177094	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	704330	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	297761	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	455708	20.00	ng	0.00
75) Chrysene-d12	13.87	240	290709	20.00	ng	-0.01
86) Perylene-d12	15.28	264	256879	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1090536	86.96	ng	0.01
7) Phenol-d6	6.36	99	1307660	87.39	ng	0.00
23) Nitrobenzene-d5	7.29	82	835422	69.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	251789	96.90	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1311114	68.79	ng	-0.01
78) Terphenyl-d14	12.82	244	873613	62.39	ng	-0.01
Target Compounds						
10) Phenol	6.37	94	37754	2.233	ng	90
49) Dimethylphthalate	9.47	163	168951	7.073	ng	98

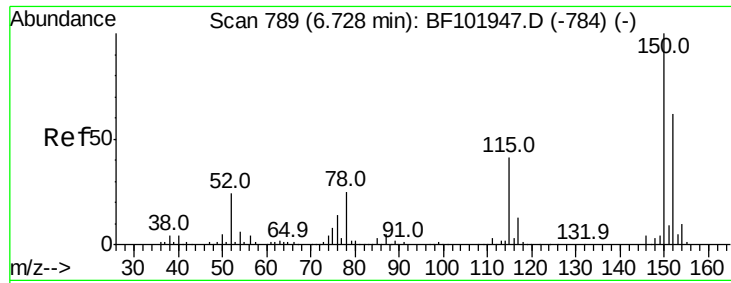
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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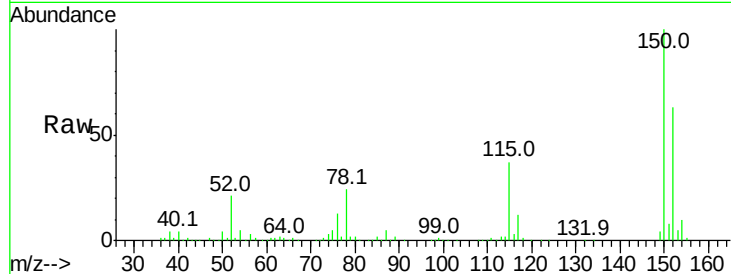


#1

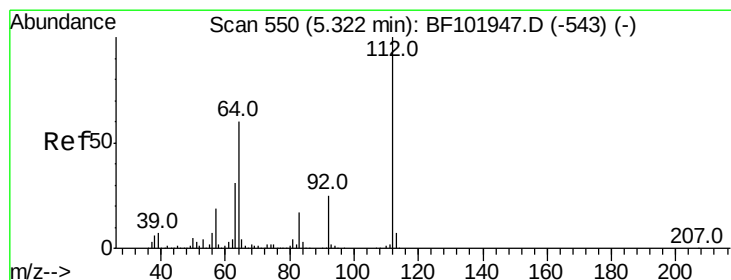
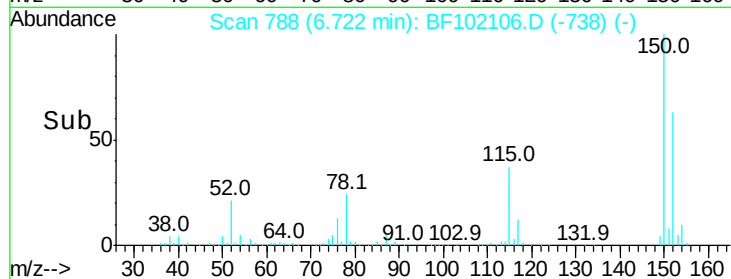
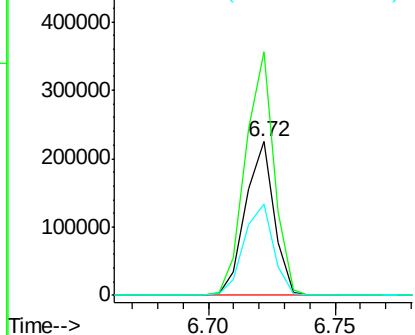
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102106.D
Acq: 16 Jan 2018 13:48

Instrument :
BNA_F
ClientSampleId :
SB-12-3.5-4.0-DUP

Tot Ion:152 Resp: 177094
Ion Ratio Lower Upper
152 100
150 158.5 124.6 186.8
115 59.1 50.1 75.1



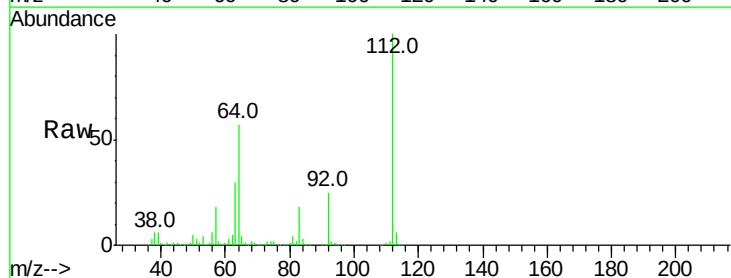
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



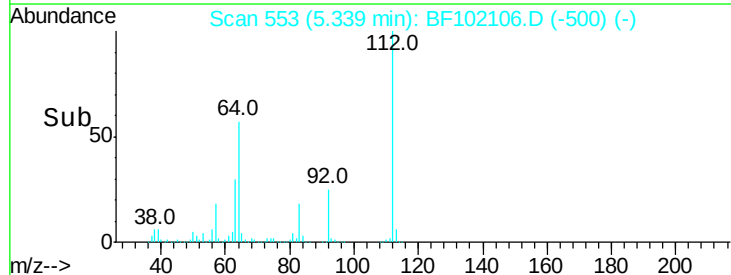
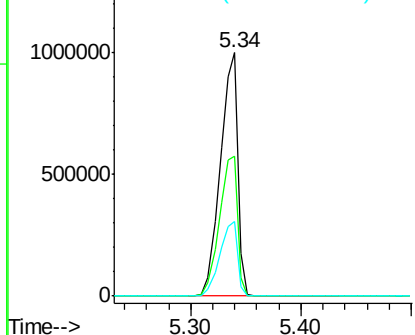
#5

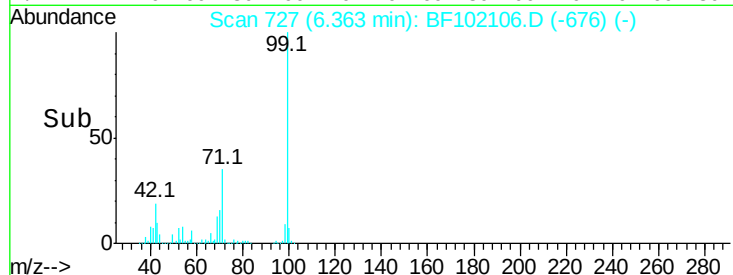
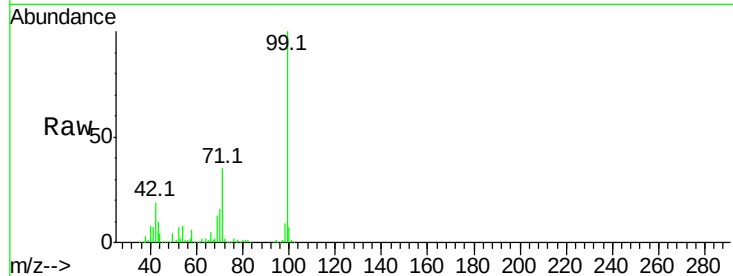
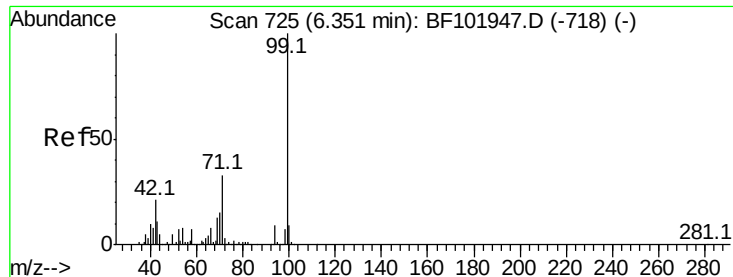
2-Fluorophenol
Concen: 86.955 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF102106.D
Acq: 16 Jan 2018 13:48

Tgt Ion:112 Resp: 1090536
Ion Ratio Lower Upper
112 100
64 57.4 47.9 71.9
63 30.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 87.392 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF102106.D

Acq: 16 Jan 2018 13:48

Instrument :

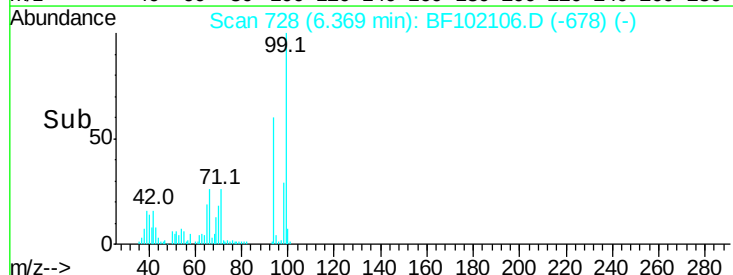
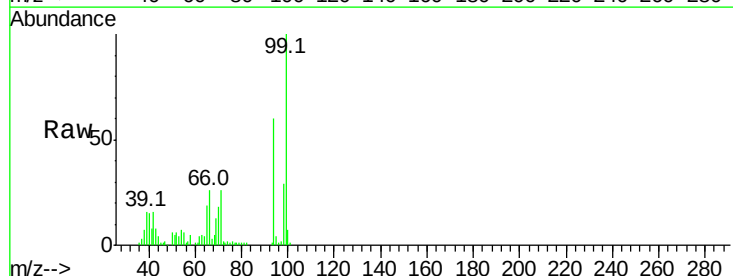
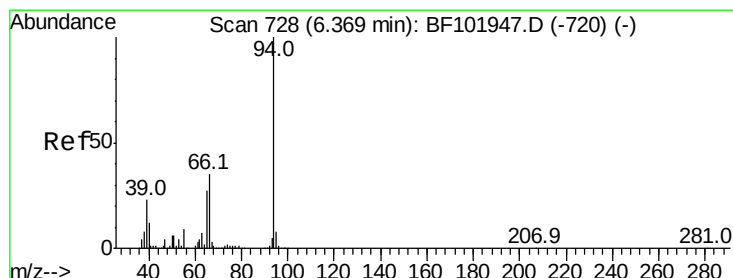
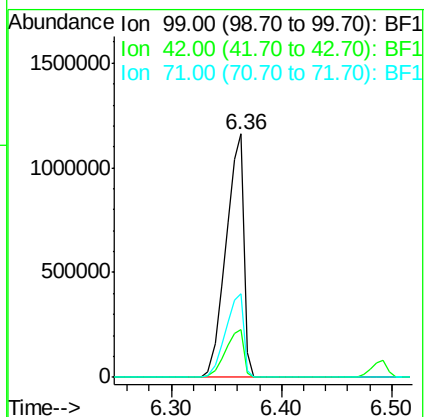
BNA_F

ClientSampleId :

SB-12-3.5-4.0-DUP

Tot Ion: 99 Resp: 1307660

Ion	Ratio	Lower	Upper
99	100		
42	19.4	14.5	21.7
71	34.5	25.4	38.0



#10

Phenol

Concen: 2.233 ng

RT: 6.37 min Scan# 728

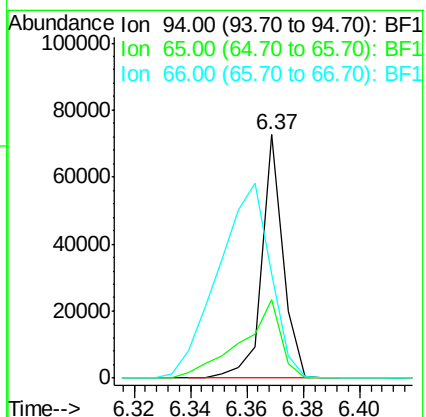
Delta R.T. -0.01 min

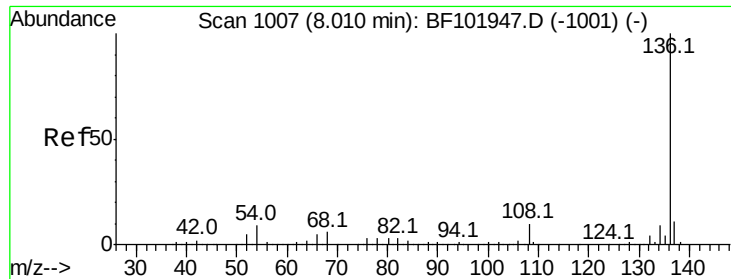
Lab File: BF102106.D

Acq: 16 Jan 2018 13:48

Tgt Ion: 94 Resp: 37754

Ion	Ratio	Lower	Upper
94	100		
65	32.0	7.9	47.9
66	42.9	16.2	56.2

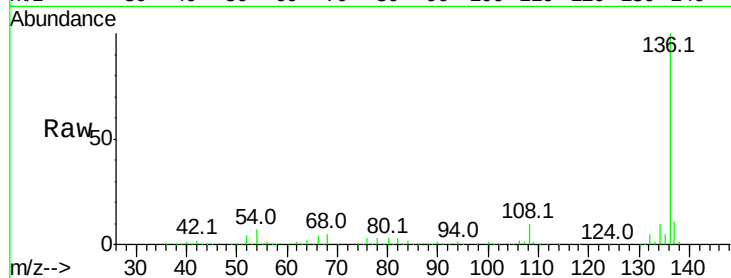




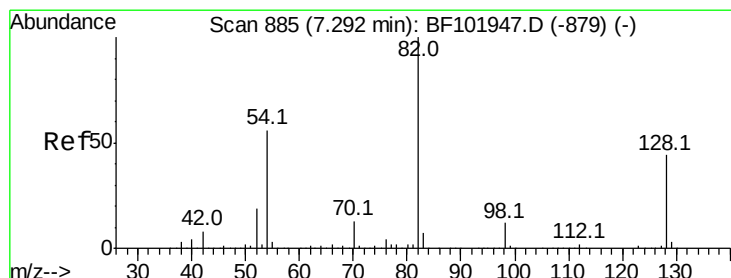
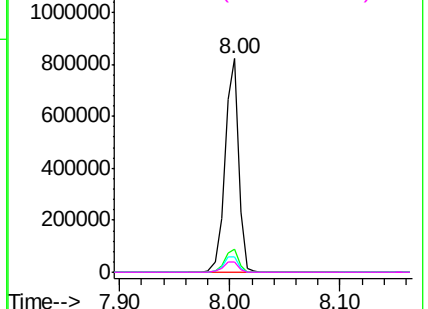
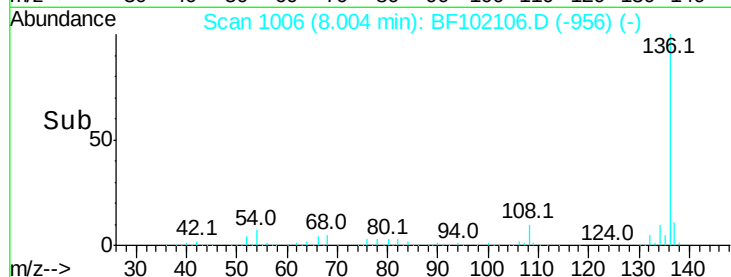
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102106.D
Acq: 16 Jan 2018 13:48

Instrument :
BNA_F
ClientSampleId :
SB-12-3.5-4.0-DUP

Tot Ion:136	Resp:	704330
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	7.4	6.6 9.8
68	4.9	5.0 7.4#

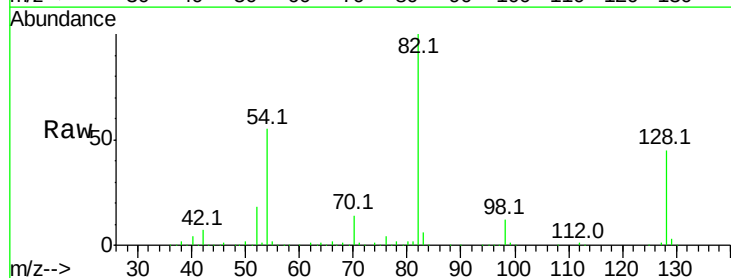


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

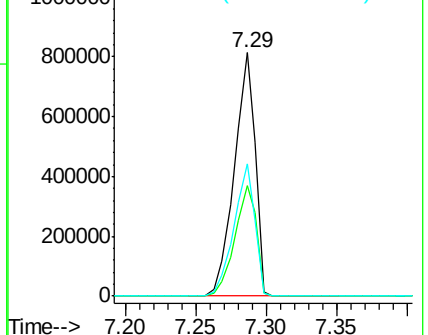
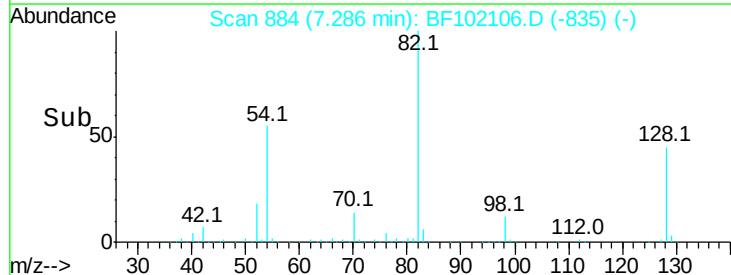


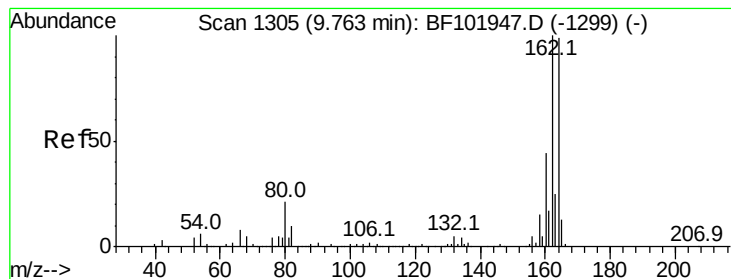
#23
Nitrobenzene-d5
Concen: 69.701 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102106.D
Acq: 16 Jan 2018 13:48

Tgt Ion: 82	Resp:	835422
Ion Ratio	Lower	Upper
82	100	
128	45.2	36.1 54.1
54	54.6	41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF102106.D

Acq: 16 Jan 2018 13:48

Instrument :

BNA_F

ClientSampleId :

SB-12-3.5-4.0-DUP

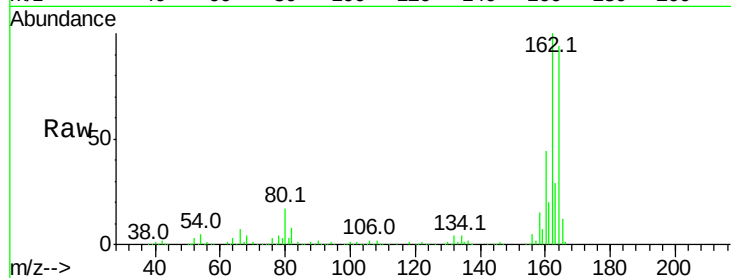
Tot Ion:164 Resp: 297761

Ion Ratio Lower Upper

164 100

162 106.2 86.1 129.1

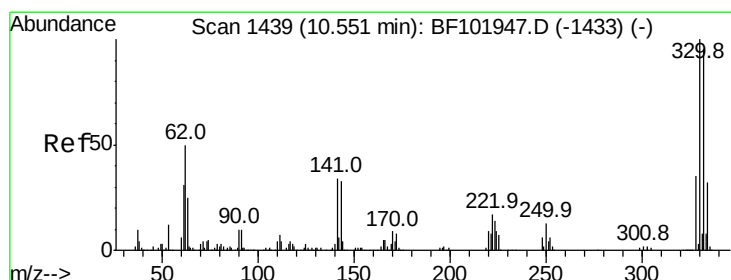
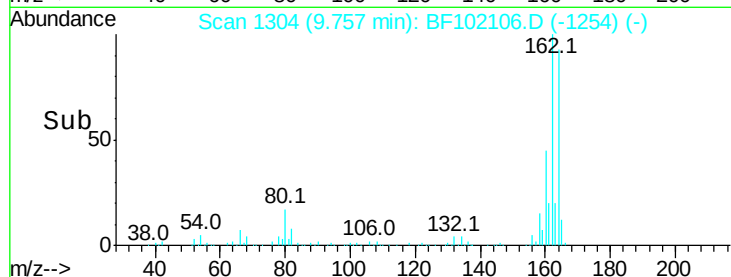
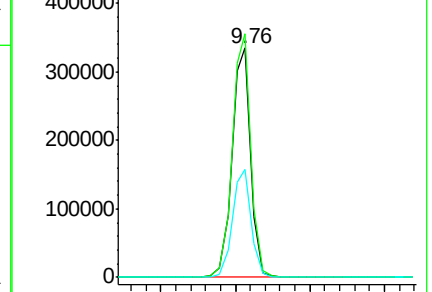
160 47.2 38.3 57.5



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: 96.897 ng

RT: 10.54 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF102106.D

Acq: 16 Jan 2018 13:48

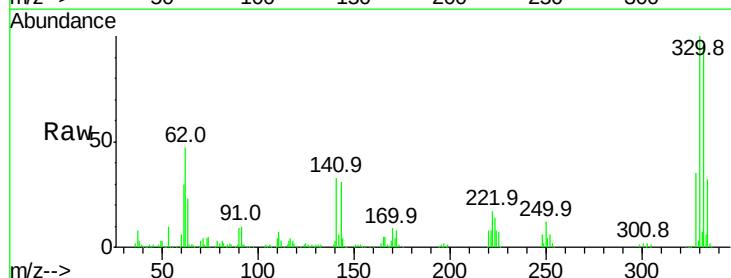
Tgt Ion:330 Resp: 251789

Ion Ratio Lower Upper

330 100

332 97.5 77.0 115.6

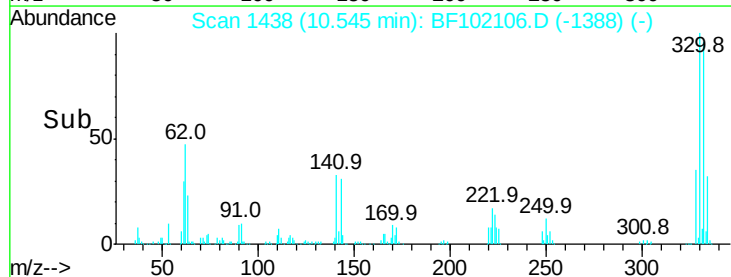
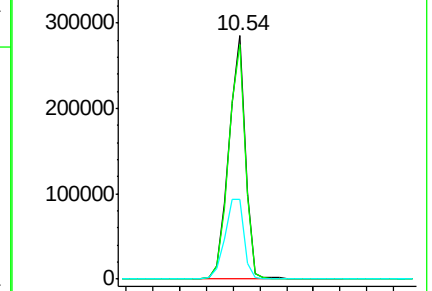
141 37.9 29.9 44.9

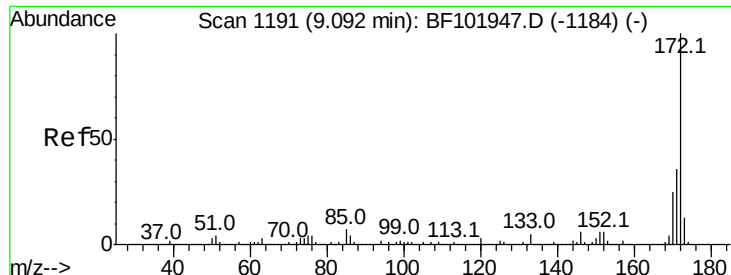


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

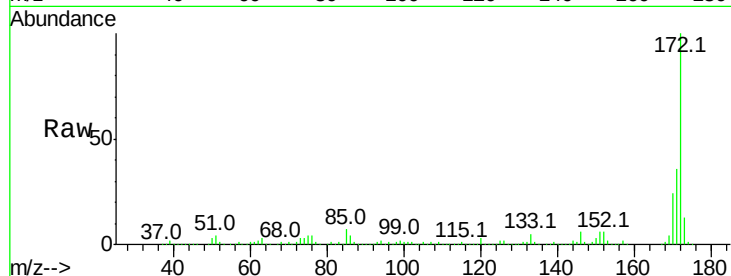




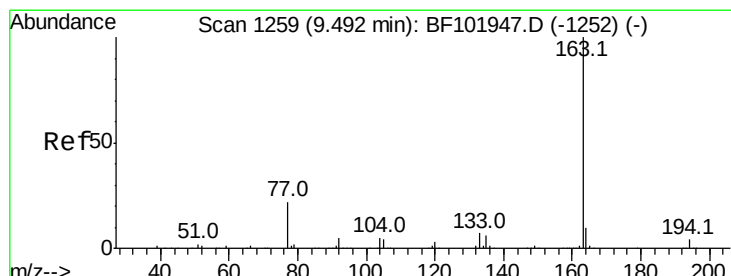
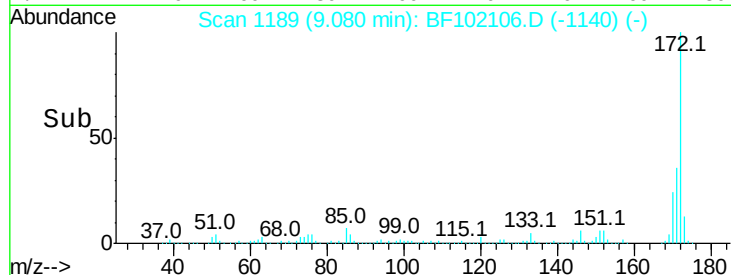
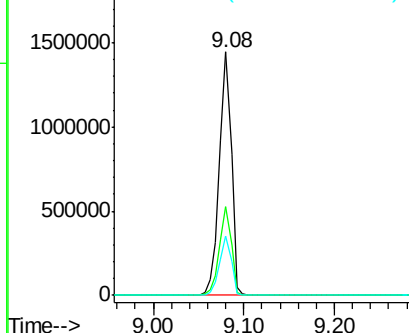
#44
2-Fluorobiphenyl
Concen: 68.791 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102106.D
Acq: 16 Jan 2018 13:48

Instrument :
BNA_F
ClientSampleId :
SB-12-3.5-4.0-DUP

Tot Ion:172 Resp: 1311114
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 24.1 19.6 29.4

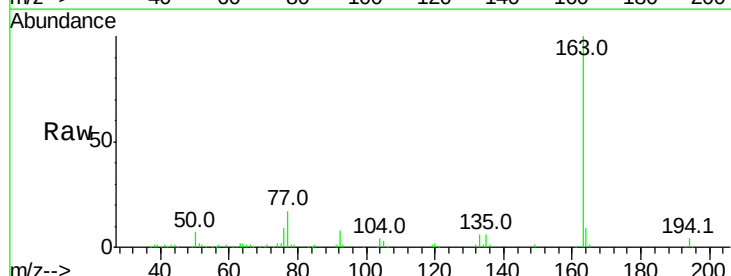


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

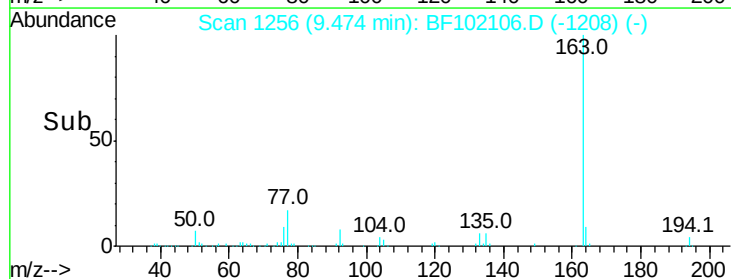
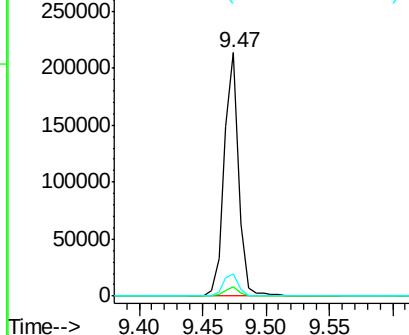


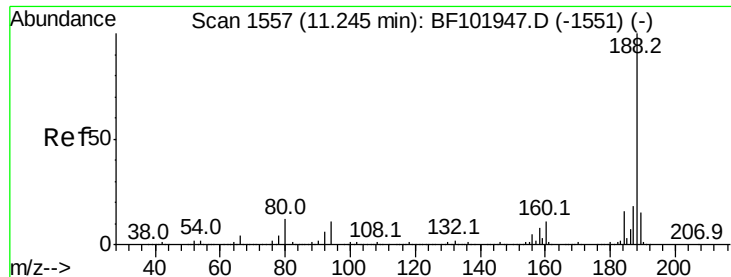
#49
Dimethylphthalate
Concen: 7.073 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF102106.D
Acq: 16 Jan 2018 13:48

Tgt Ion:163 Resp: 168951
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.1 8.2 12.2



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: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF102106.D

Acq: 16 Jan 2018 13:48

Instrument :

BNA_F

ClientSampleId :

SB-12-3.5-4.0-DUP

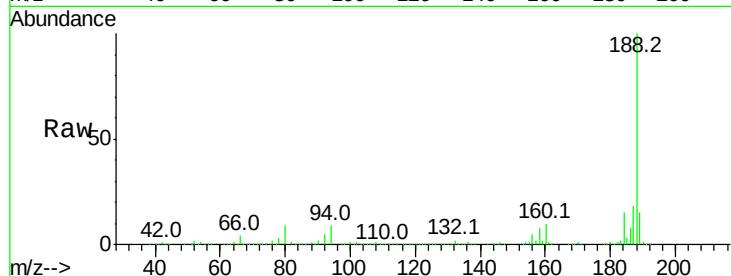
Tot Ion:188 Resp: 455708

Ion Ratio Lower Upper

188 100

94 9.0 8.5 12.7

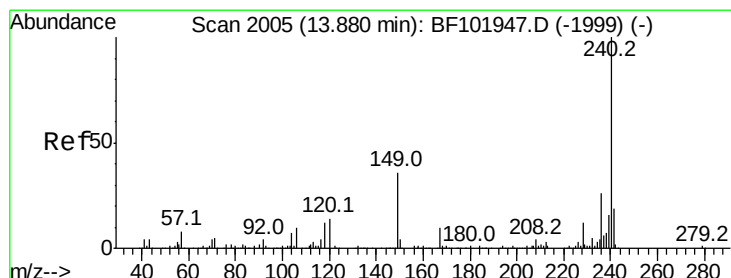
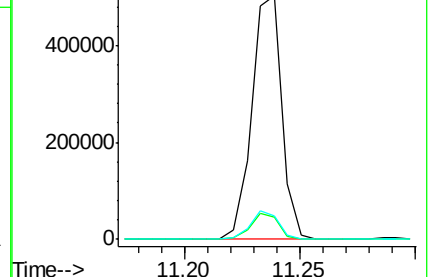
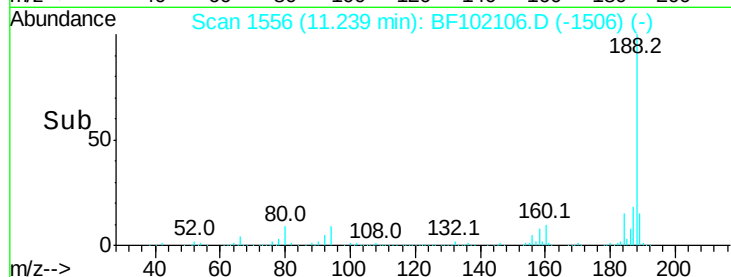
80 9.5 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102106.D

Acq: 16 Jan 2018 13:48

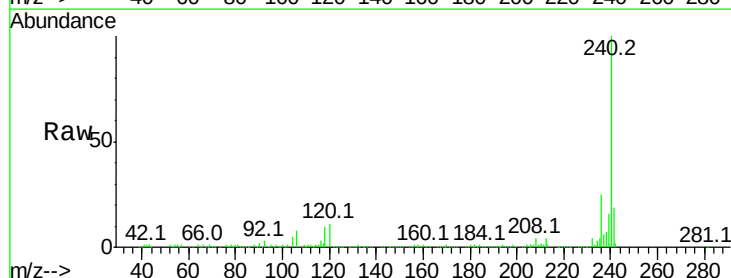
Tgt Ion:240 Resp: 290709

Ion Ratio Lower Upper

240 100

120 11.1 9.5 14.3

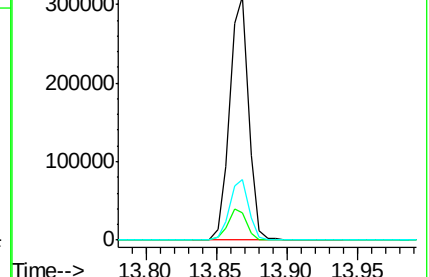
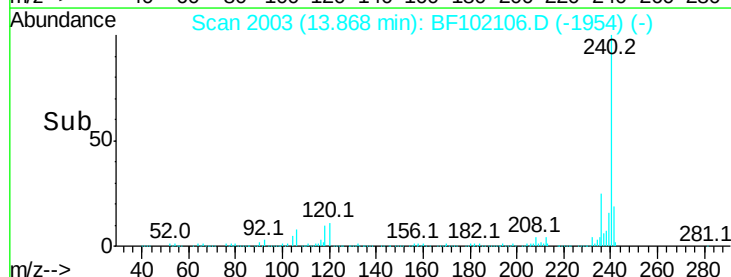
236 25.0 20.7 31.1

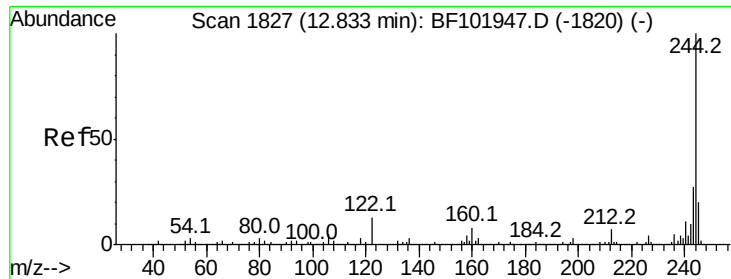


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 62.394 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102106.D

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SB-12-3.5-4.0-DUP

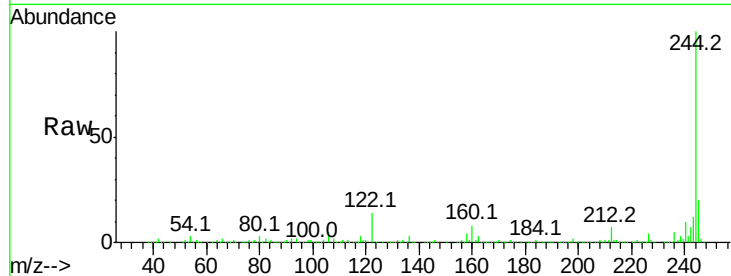
Tot Ion:244 Resp: 873613

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

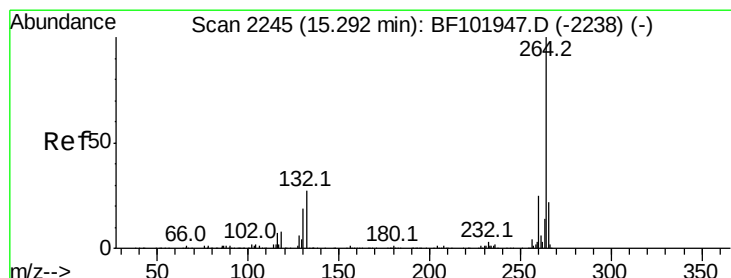
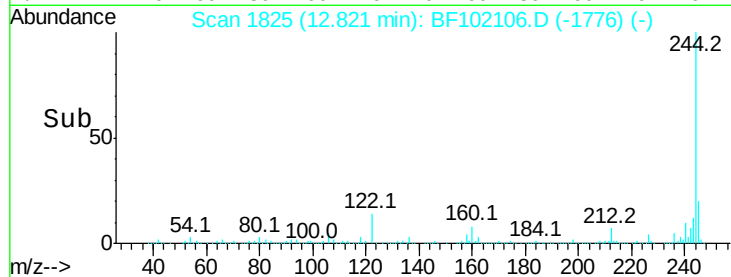
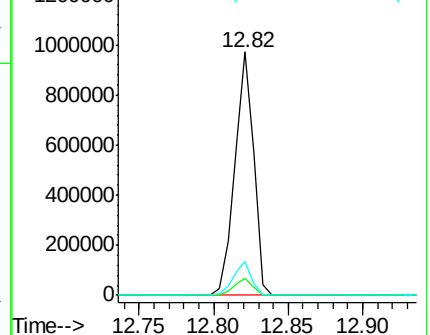
122 13.6 11.0 16.4



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: 20.000 ng

RT: 15.28 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BF102106.D

Acq: 16 Jan 2018 13:48

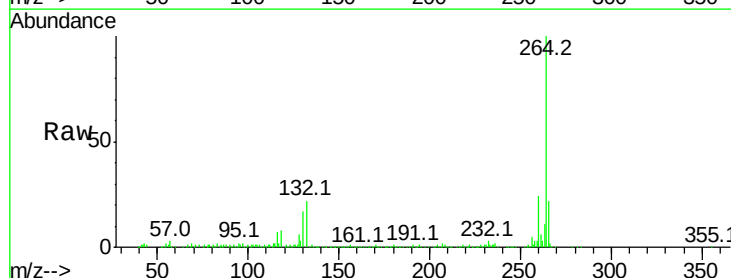
Tgt Ion:264 Resp: 256879

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.9 17.5 26.3



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

