

Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
 Data File : BF102084.D
 Acq On : 16 Jan 2018 00:53
 Operator : SJ/JU
 Sample : J1122-24
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-3

Quant Time: Jan 16 03:42:10 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

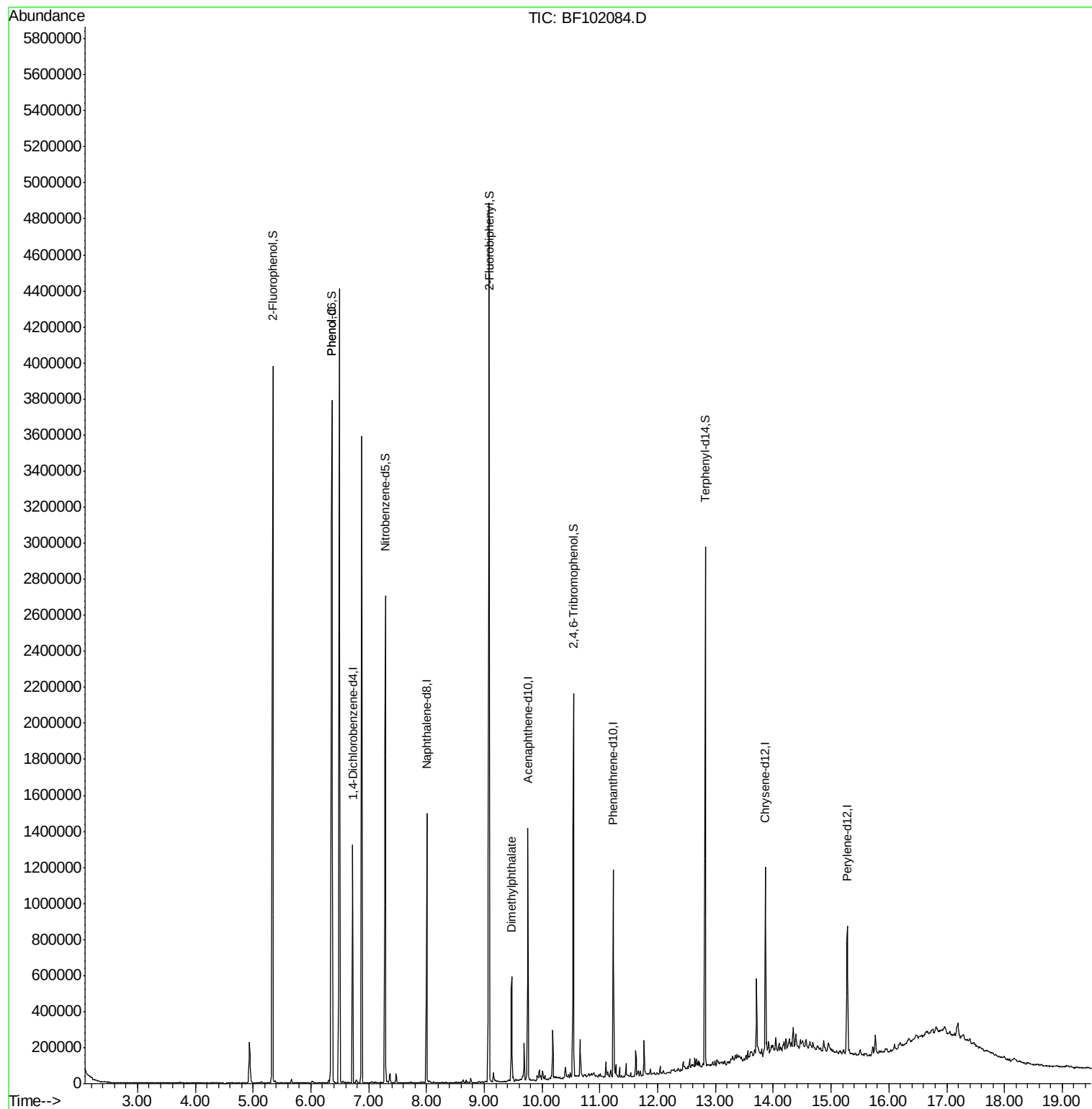
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	180834	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	679584	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	259171	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	351370	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	308841	20.00	ng	-0.02
86) Perylene-d12	15.28	264	304743	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1280789	100.01	ng	0.01
7) Phenol-d6	6.36	99	1503278	98.39	ng	0.00
23) Nitrobenzene-d5	7.29	82	953160	82.42	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	235148	103.97	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	1558351	93.94	ng	-0.01
78) Terphenyl-d14	12.82	244	959577	64.51	ng	-0.01
Target Compounds						
10) Phenol	6.37	94	41308	2.392	ng	Qvalue # 55
49) Dimethylphthalate	9.47	163	217947	10.483	ng	98

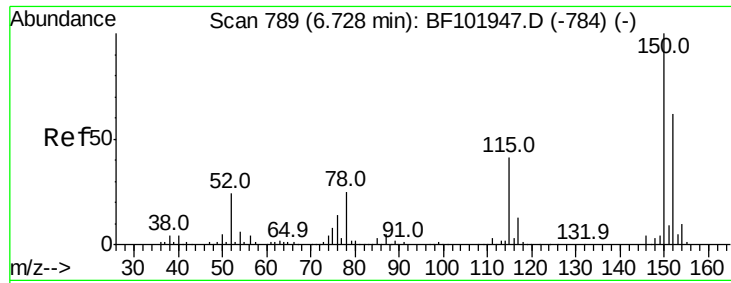
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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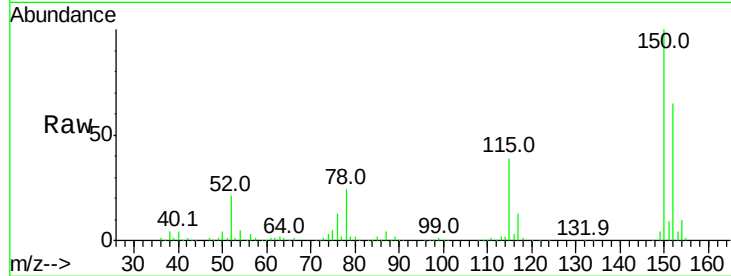


#1

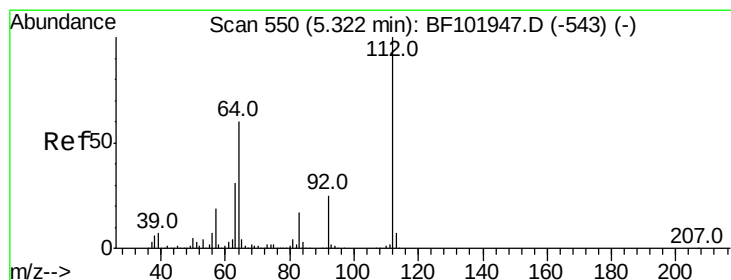
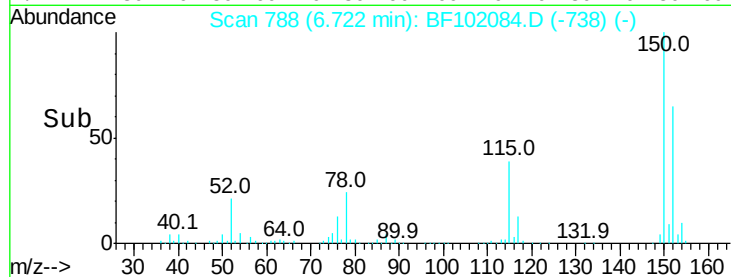
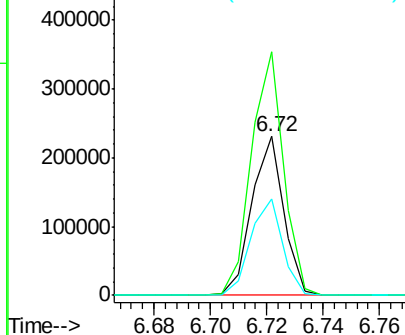
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102084.D
Acq: 16 Jan 2018 00:53

Instrument :
BNA_F
ClientSampleId :
G-3

Tot Ion:152 Resp: 180834
Ion Ratio Lower Upper
152 100
150 153.2 124.6 186.8
115 60.4 50.1 75.1



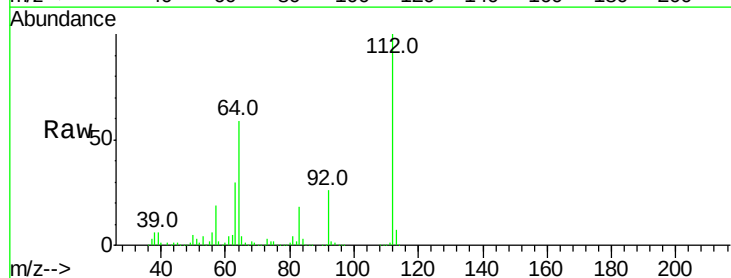
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



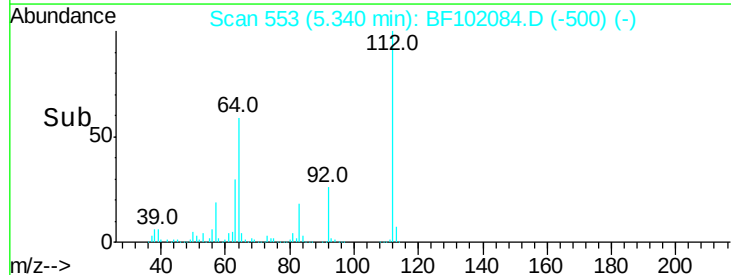
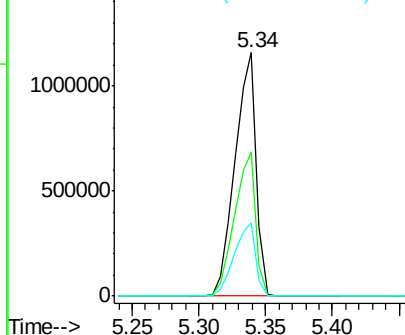
#5

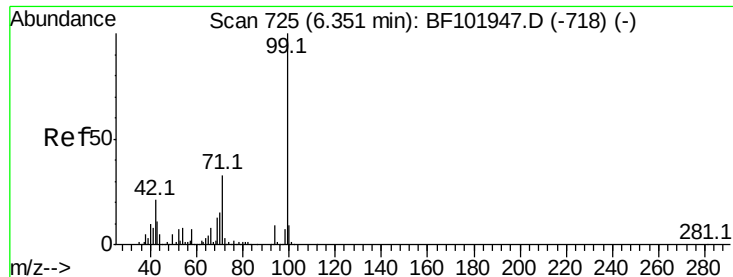
2-Fluorophenol
Concen: 100.013 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF102084.D
Acq: 16 Jan 2018 00:53

Tgt Ion:112 Resp: 1280789
Ion Ratio Lower Upper
112 100
64 58.9 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: 98.388 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF102084.D

Acq: 16 Jan 2018 00:53

Instrument :

BNA_F

ClientSampleId :

G-3

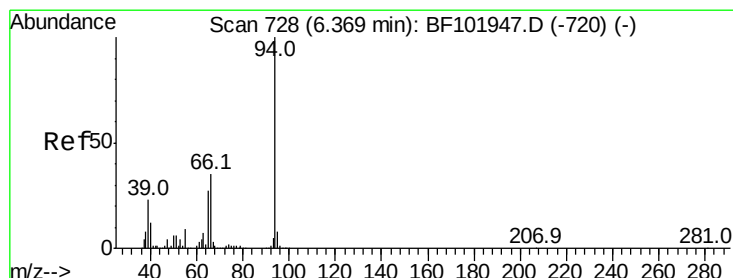
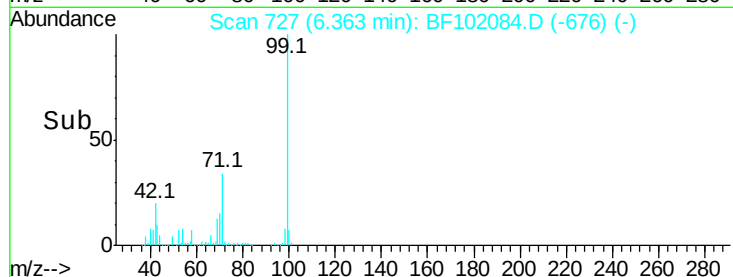
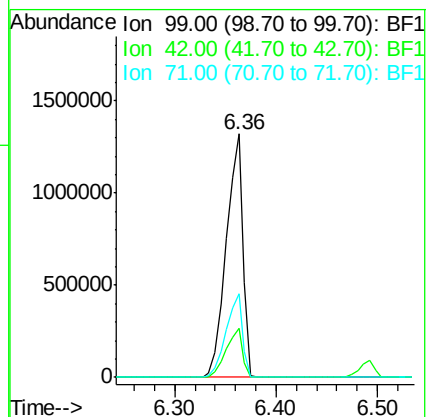
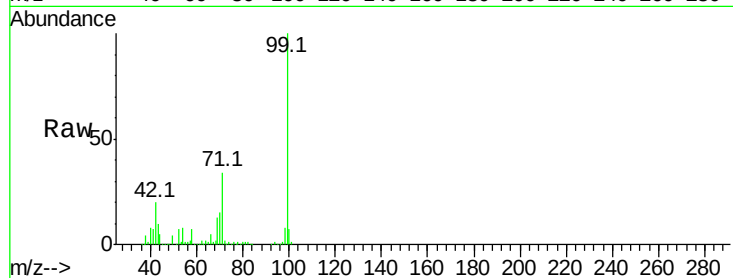
Tot Ion: 99 Resp: 1503278

Ion Ratio Lower Upper

99 100

42 19.9 14.5 21.7

71 34.3 25.4 38.0



#10

Phenol

Concen: 2.392 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102084.D

Acq: 16 Jan 2018 00:53

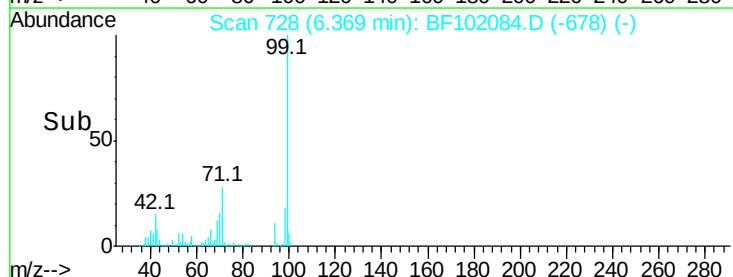
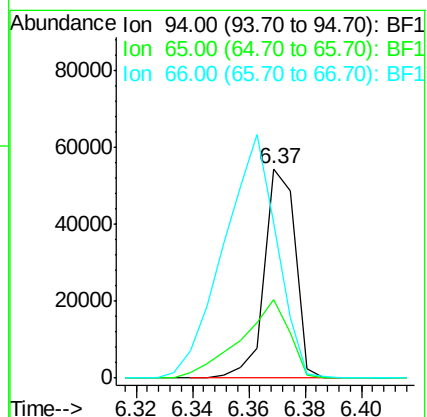
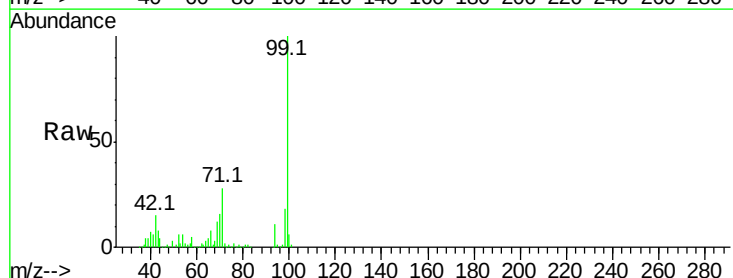
Tgt Ion: 94 Resp: 41308

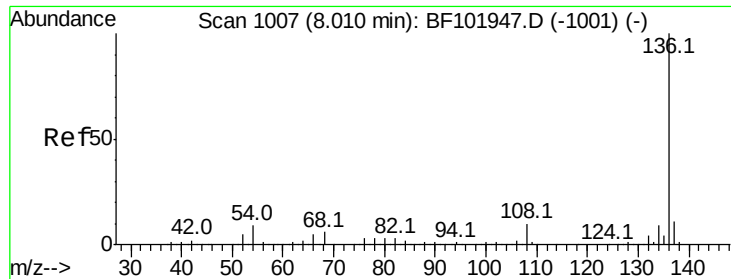
Ion Ratio Lower Upper

94 100

65 37.7 7.9 47.9

66 74.5 16.2 56.2#

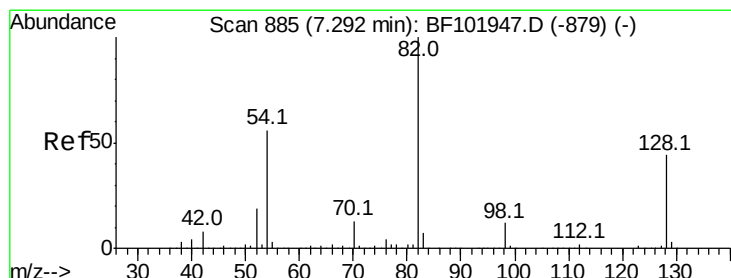
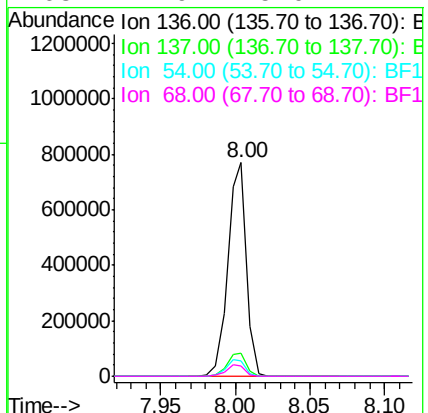
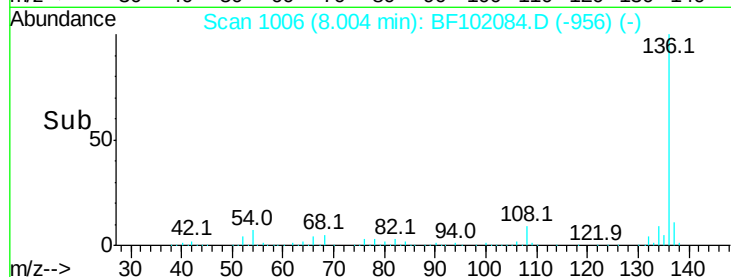
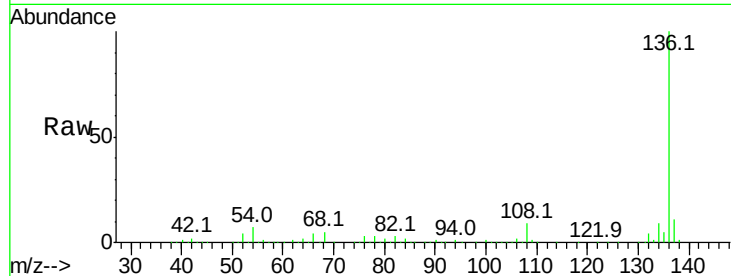




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102084.D
Acq: 16 Jan 2018 00:53

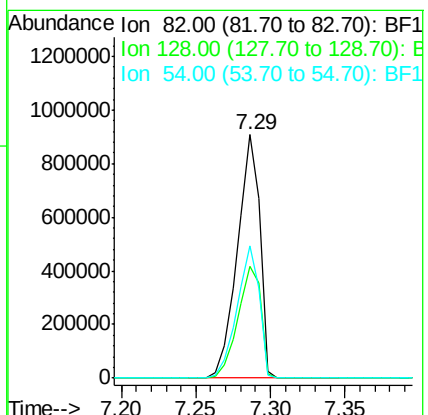
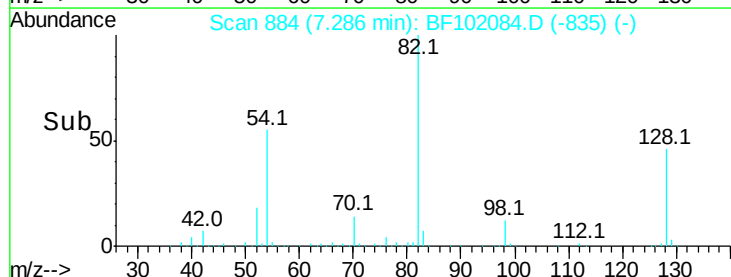
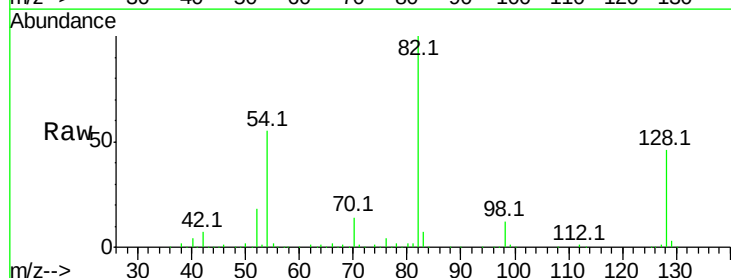
Instrument :
BNA_F
ClientSampled :
G-3

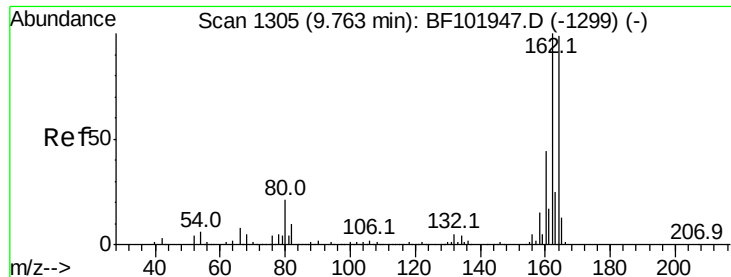
Tot Ion:	136	Resp:	679584
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.3	6.6	9.8
68	4.9	5.0	7.4#



#23
Nitrobenzene-d5
Concen: 82.420 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102084.D
Acq: 16 Jan 2018 00:53

Tgt Ion:	82	Resp:	953160
Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.1	54.1
54	54.6	41.4	62.2





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF102084.D

Acq: 16 Jan 2018 00:53

Instrument :

BNA_F

ClientSampleId :

G-3

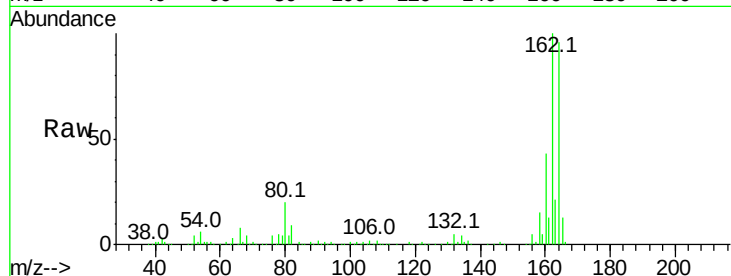
Tot Ion:164 Resp: 259171

Ion Ratio Lower Upper

164 100

162 104.3 86.1 129.1

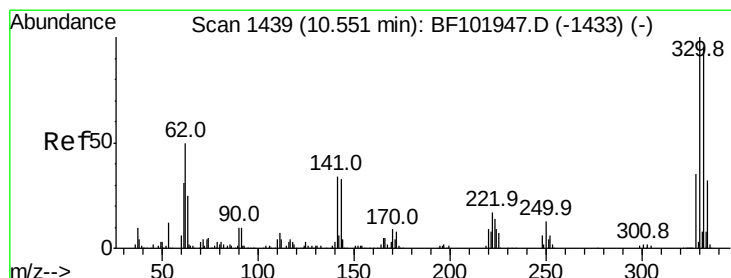
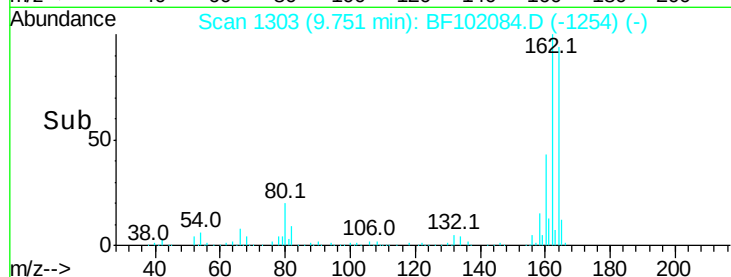
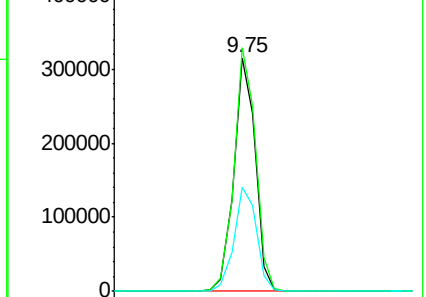
160 44.8 38.3 57.5



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: 103.967 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF102084.D

Acq: 16 Jan 2018 00:53

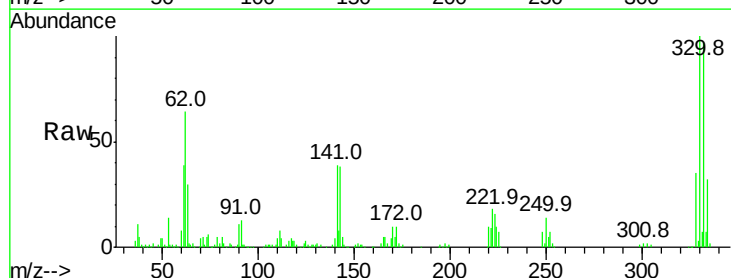
Tgt Ion:330 Resp: 235148

Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.6

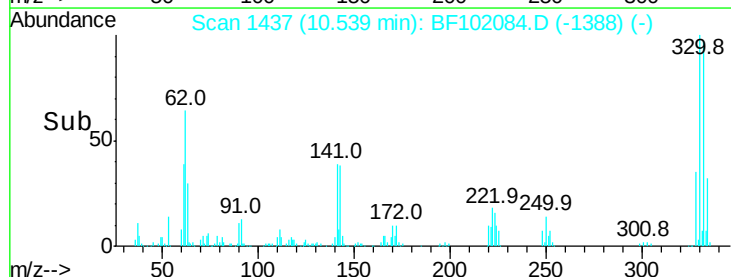
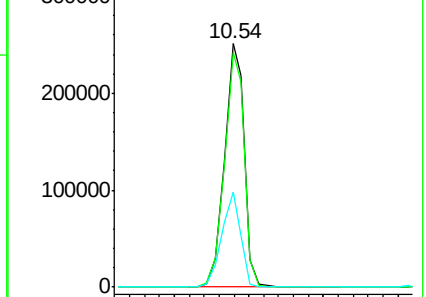
141 37.6 29.9 44.9

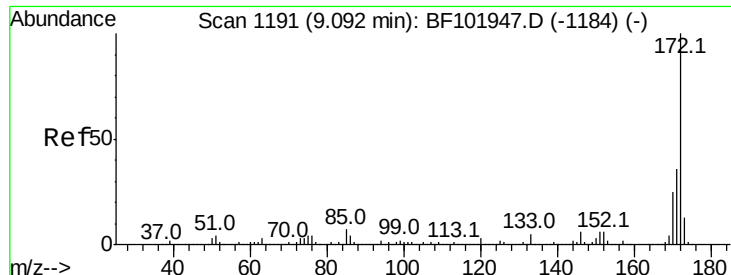


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

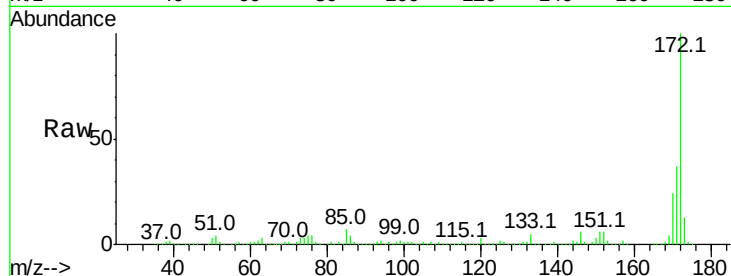




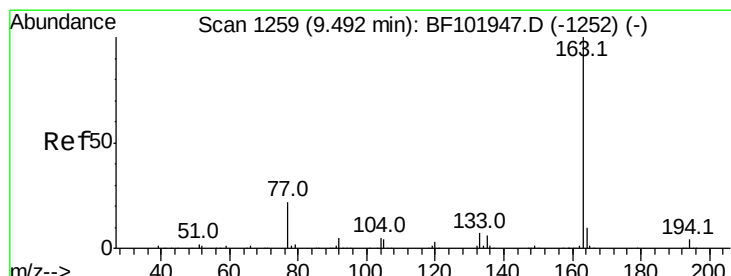
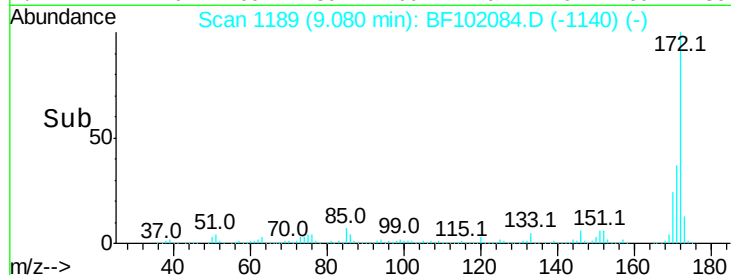
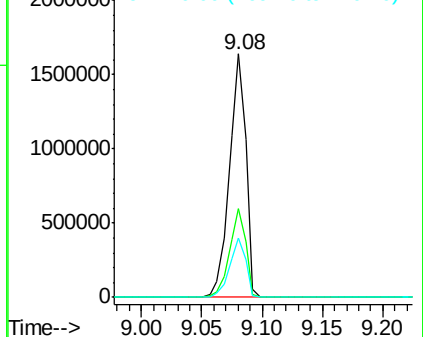
#44
2-Fluorobiphenyl
Concen: 93.937 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102084.D
Acq: 16 Jan 2018 00:53

Instrument :
BNA_F
ClientSampleId :
G-3

Tot Ion:172 Resp: 1558351
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 24.4 19.6 29.4

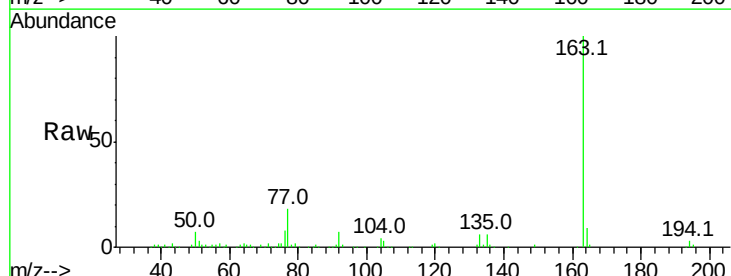


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

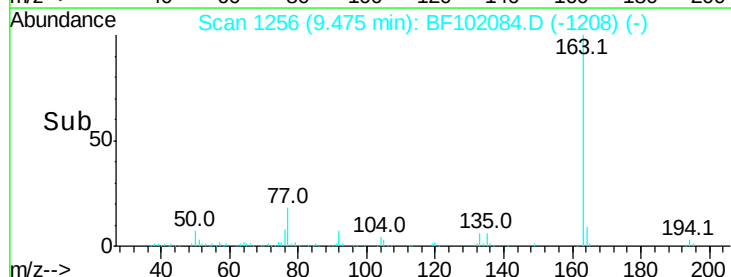
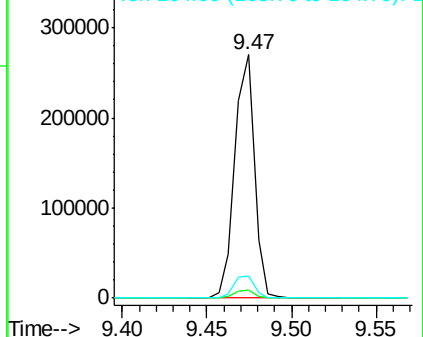


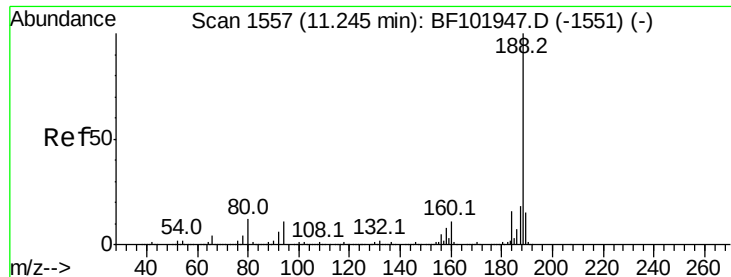
#49
Dimethylphthalate
Concen: 10.483 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF102084.D
Acq: 16 Jan 2018 00:53

Tgt Ion:163 Resp: 217947
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.3 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

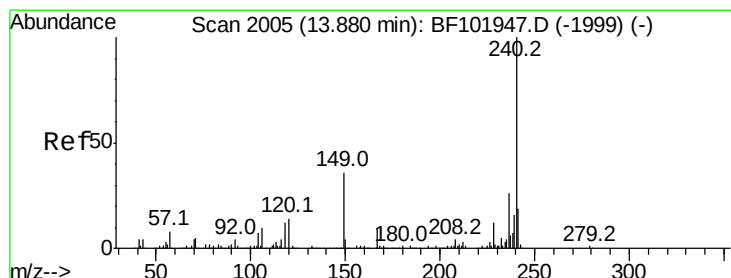
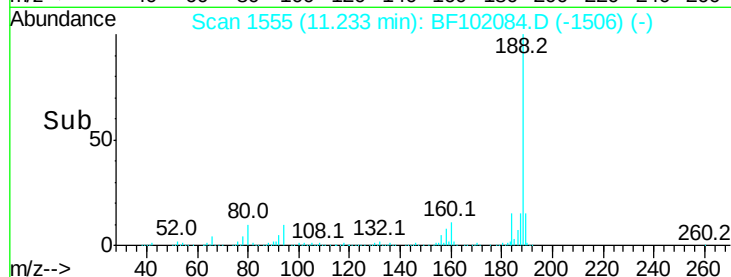
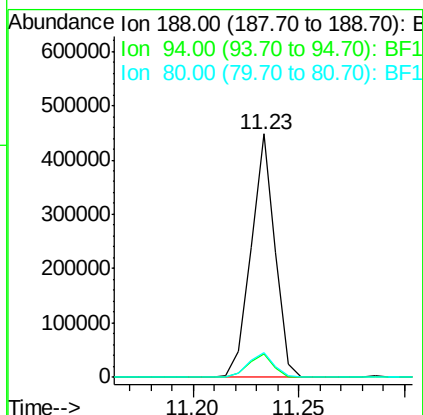
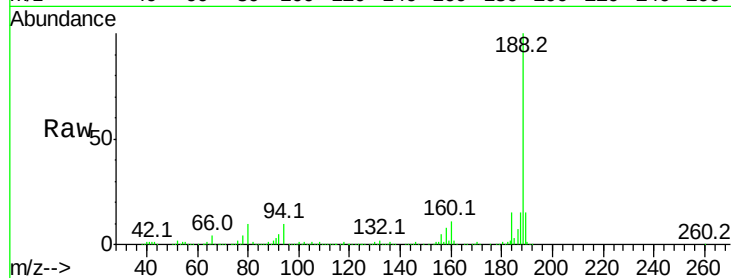




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102084.D
Acq: 16 Jan 2018 00:53

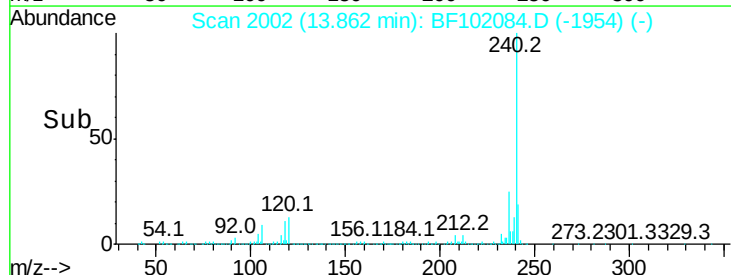
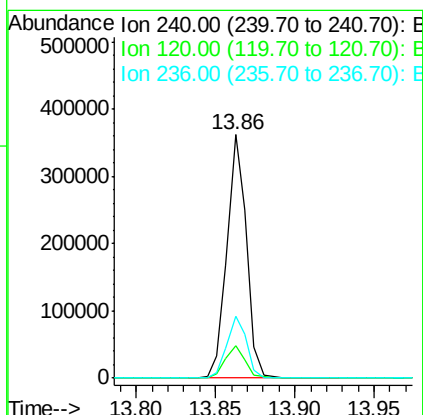
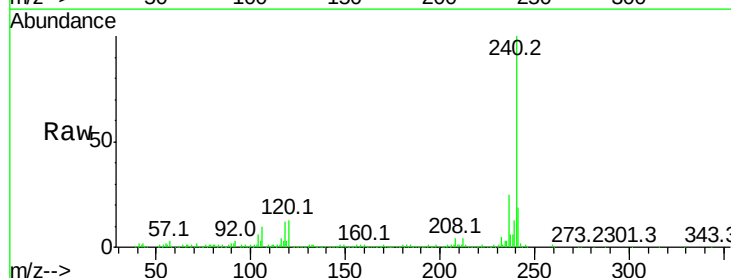
Instrument :
BNA_F
ClientSampleId :
G-3

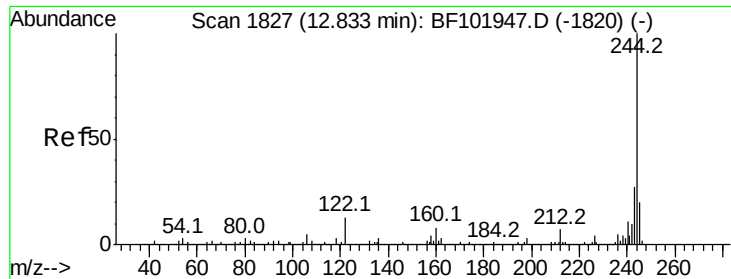
Tot Ion:188 Resp: 351370
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 10.4 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BF102084.D
Acq: 16 Jan 2018 00:53

Tgt Ion:240 Resp: 308841
Ion Ratio Lower Upper
240 100
120 13.2 9.5 14.3
236 25.2 20.7 31.1





#78

Terphenyl-d14

Concen: 64.510 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102084.D

Acq: 16 Jan 2018 00:53

Instrument :

BNA_F

ClientSampled :

G-3

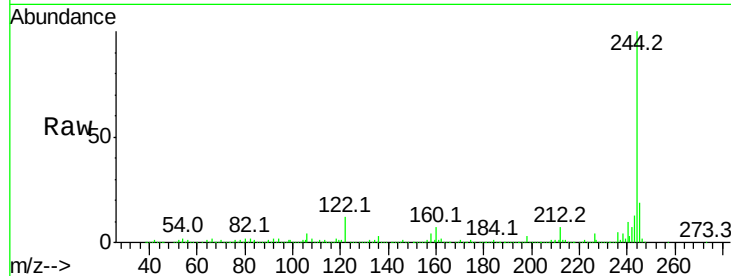
Tot Ion:244 Resp: 959577

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

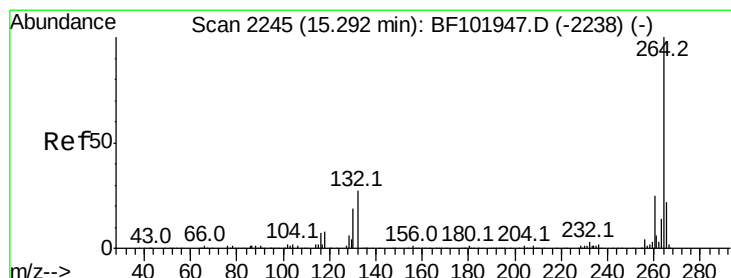
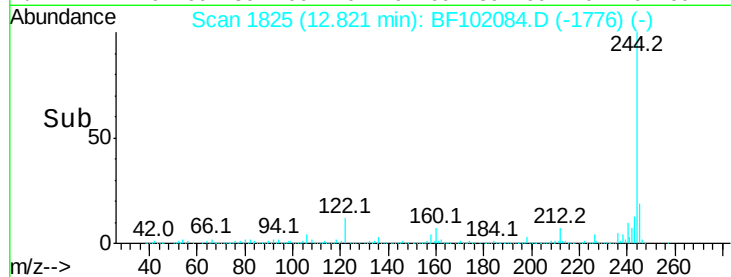
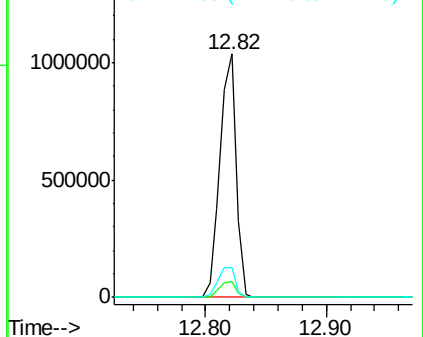
122 12.4 11.0 16.4



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: BF102084.D

Acq: 16 Jan 2018 00:53

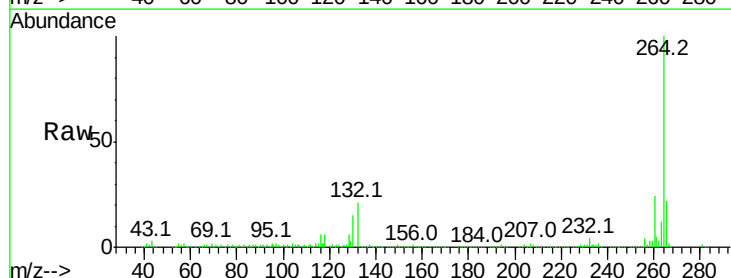
Tgt Ion:264 Resp: 304743

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 22.0 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

