

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040918\
 Data File : BF104374.D
 Acq On : 9 Apr 2018 16:10
 Operator : JU/SJ
 Sample : J2104-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20180221-COMPOSITE-B

Quant Time: Apr 10 02:03:09 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 06 16:44:53 2018
 Response via : Initial Calibration

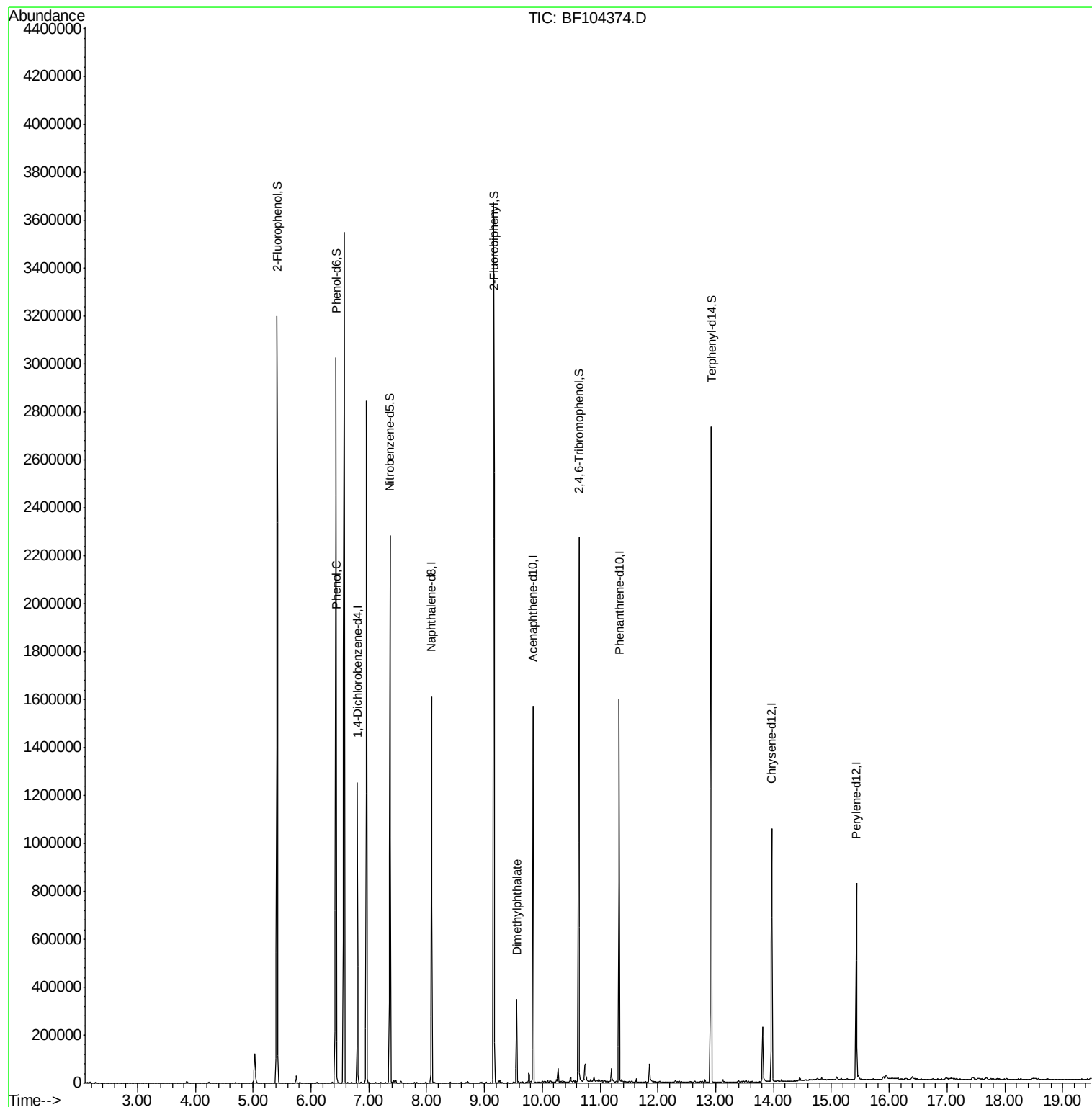
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	166417	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	673292	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	309455	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	526527	20.00	ng	0.00
75) Chrysene-d12	13.97	240	325787	20.00	ng	0.00
86) Perylene-d12	15.43	264	348860	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1074123	98.69	ng	0.01
7) Phenol-d6	6.43	99	1292661	96.67	ng	0.00
23) Nitrobenzene-d5	7.37	82	792541	76.86	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	291605	90.84	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1179877	60.23	ng	0.00
78) Terphenyl-d14	12.92	244	956935	66.97	ng	0.00
Target Compounds						
10) Phenol	6.45	94	30546	2.153	ng	93
49) Dimethylphthalate	9.56	163	128960	5.285	ng	99

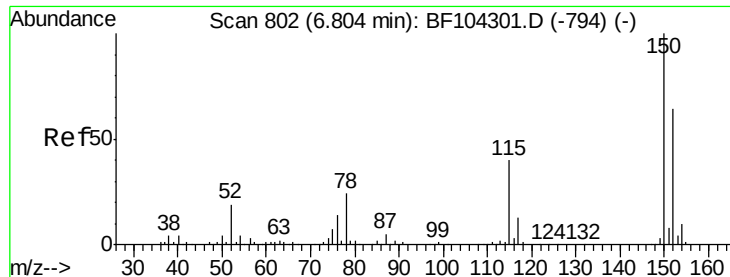
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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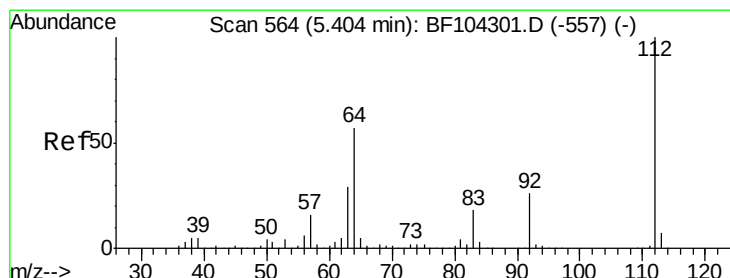
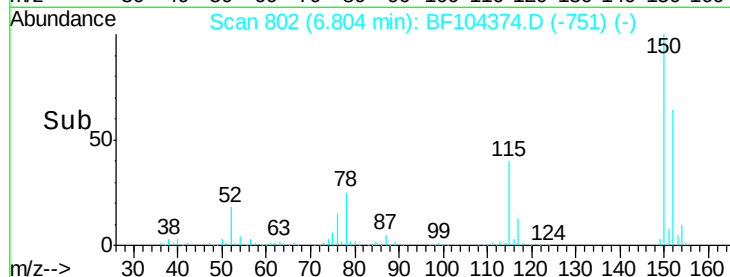
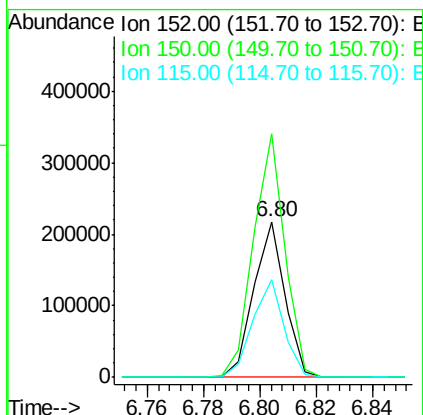
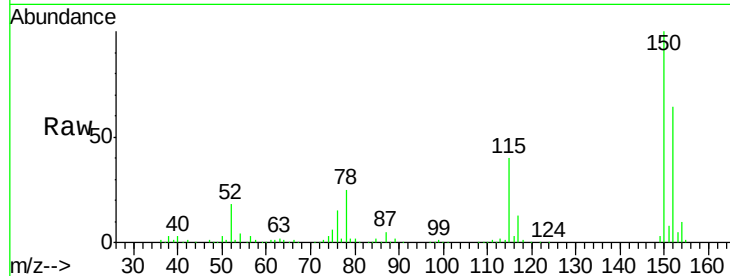


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104374.D
Acq: 9 Apr 2018 16:10

Instrument :
BNA_F
ClientSampleId :
20180221-COMPOSITE-B

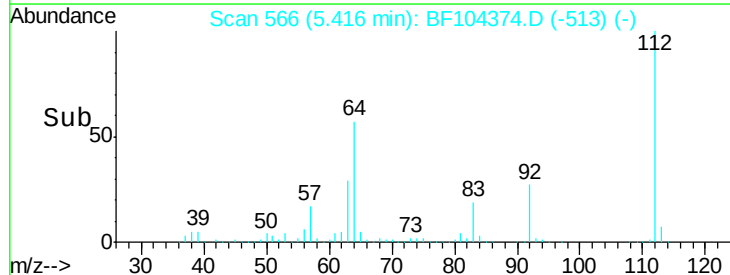
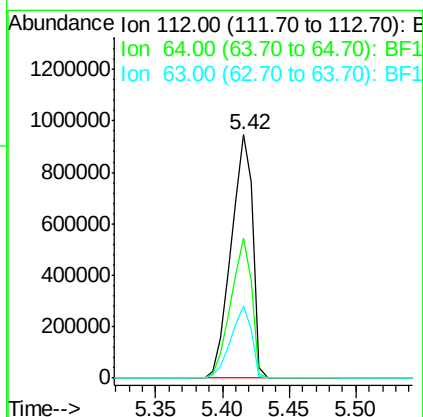
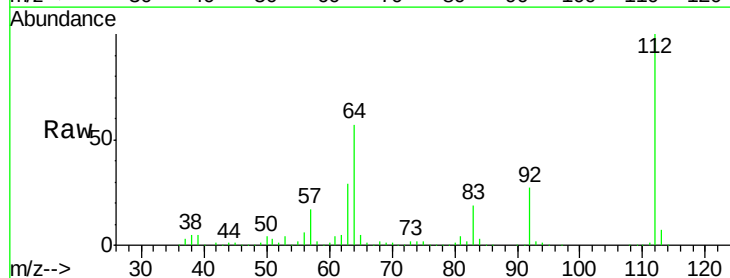
Tot Ion:152 Resp: 166417
Ion Ratio Lower Upper
152 100
150 156.5 124.6 186.8
115 62.9 50.1 75.1

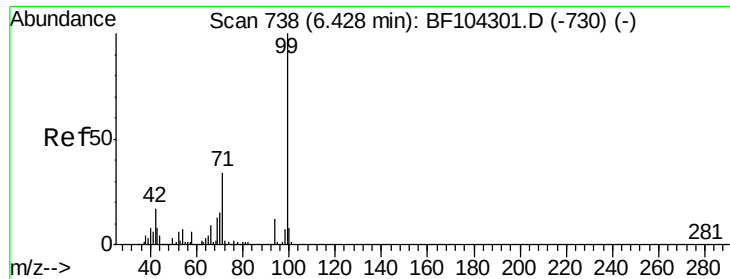


#5

2-Fluorophenol
Concen: 98.691 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF104374.D
Acq: 9 Apr 2018 16:10

Tgt Ion:112 Resp: 1074123
Ion Ratio Lower Upper
112 100
64 57.3 47.9 71.9
63 29.4 23.7 35.5





#7

Phenol-d6

Concen: 96.666 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF104374.D

Acq: 9 Apr 2018 16:10

Instrument :

BNA_F

ClientSampleId :

20180221-COMPOSITE-B

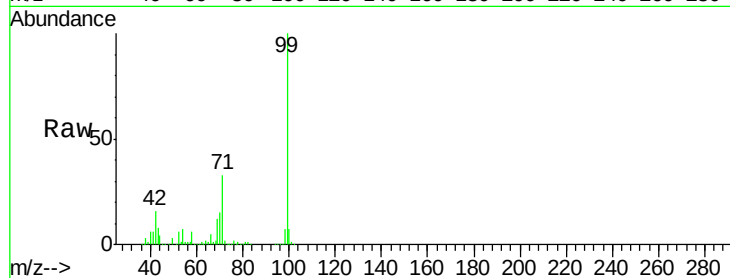
Tot Ion: 99 Resp: 1292661

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

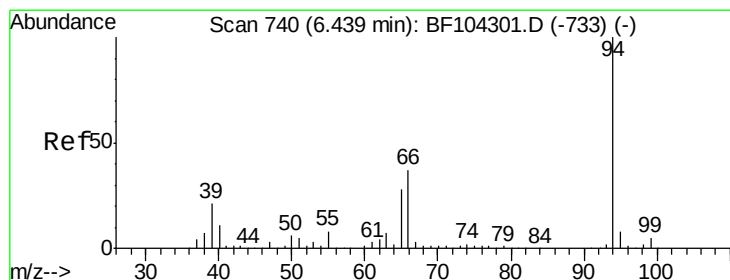
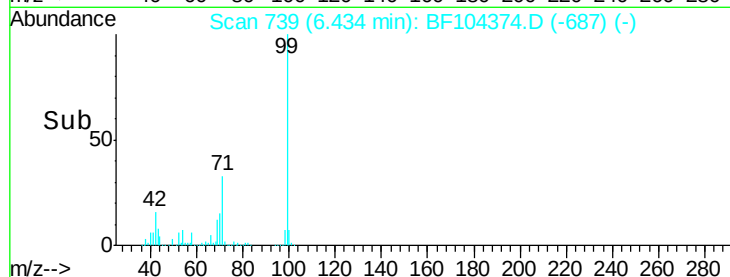
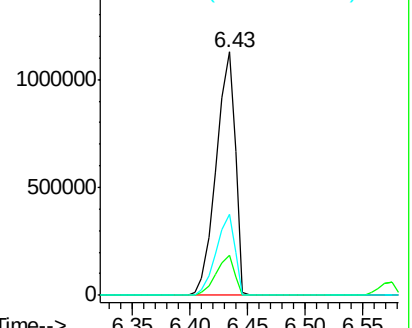
71 33.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.153 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF104374.D

Acq: 9 Apr 2018 16:10

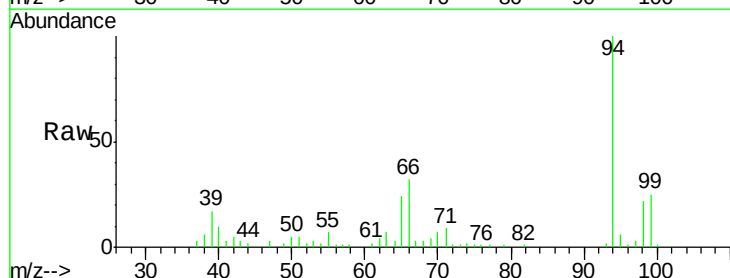
Tgt Ion: 94 Resp: 30546

Ion Ratio Lower Upper

94 100

65 24.3 7.9 47.9

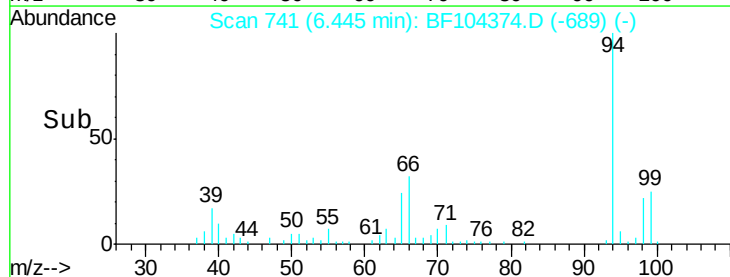
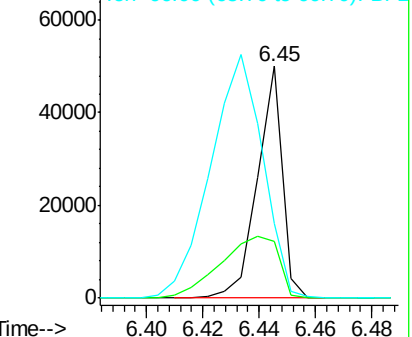
66 32.4 16.2 56.2

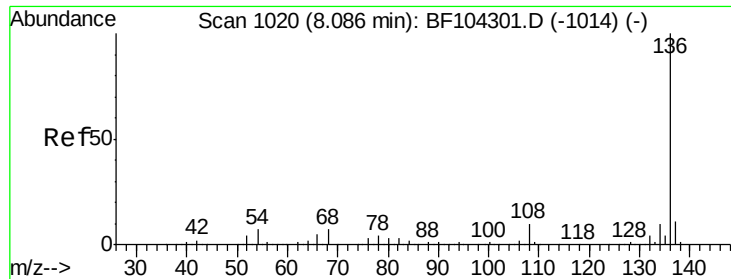


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

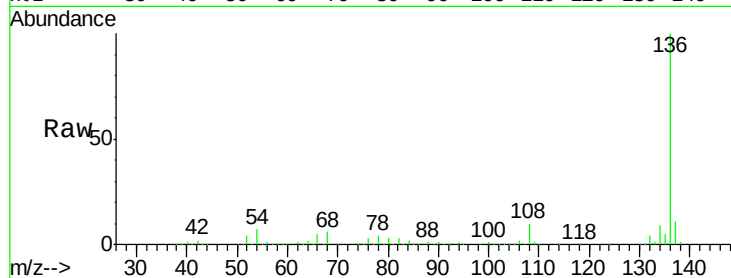




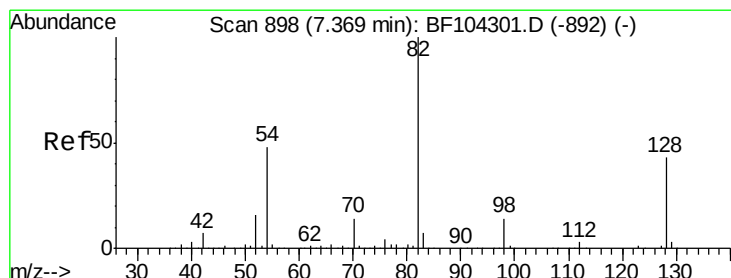
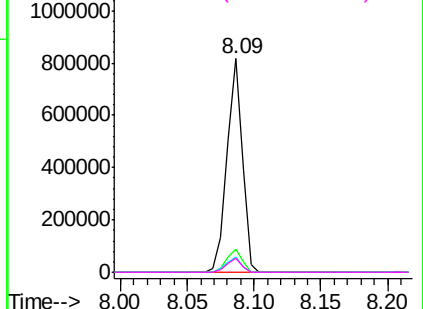
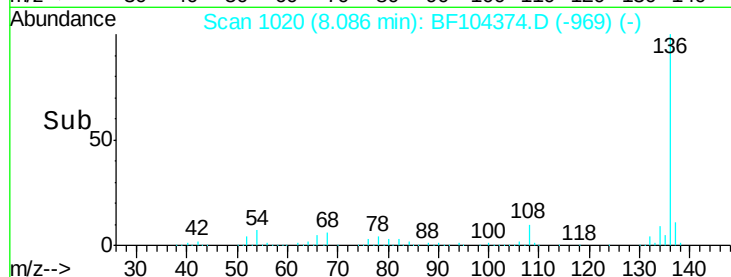
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF104374.D
Acq: 9 Apr 2018 16:10

Instrument :
BNA_F
ClientSampleId :
20180221-COMPOSITE-B

Tot Ion:136	Resp:	673292	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	8.9	13.3	
54 7.3	6.6	9.8	
68 6.5	5.0	7.4	

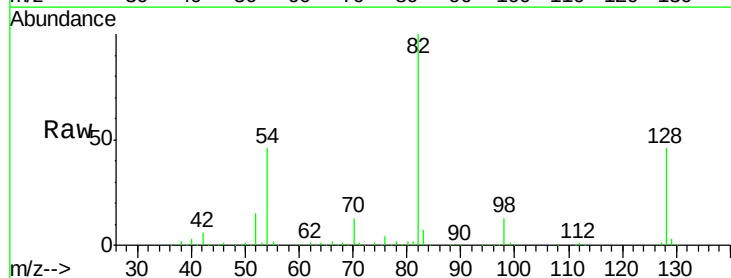


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

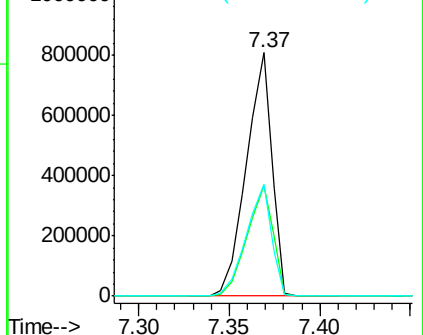
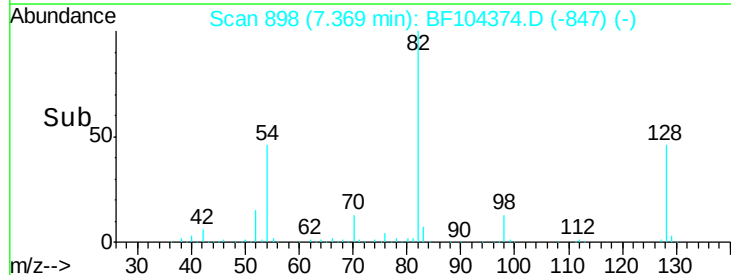


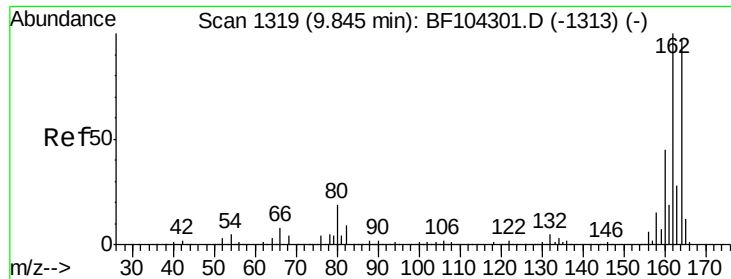
#23
Nitrobenzene-d5
Concen: 76.863 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF104374.D
Acq: 9 Apr 2018 16:10

Tgt Ion: 82	Resp: 792541
Ion Ratio	Lower Upper
82 100	
128 45.6	36.1 54.1
54 45.8	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

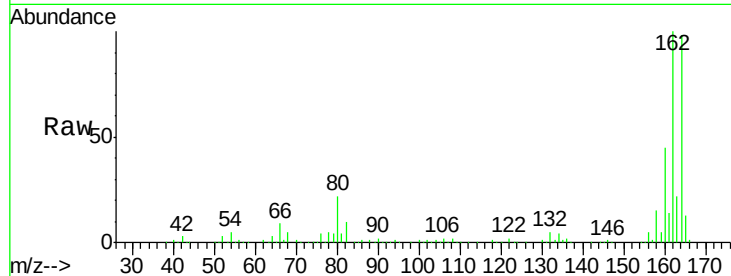




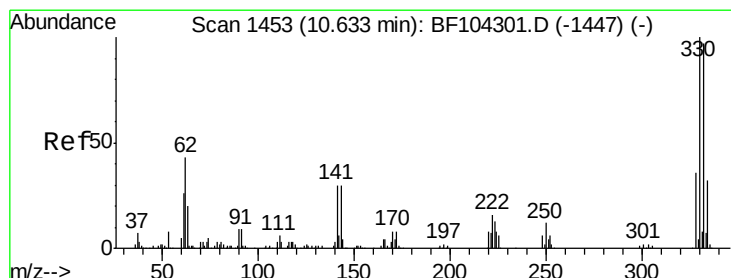
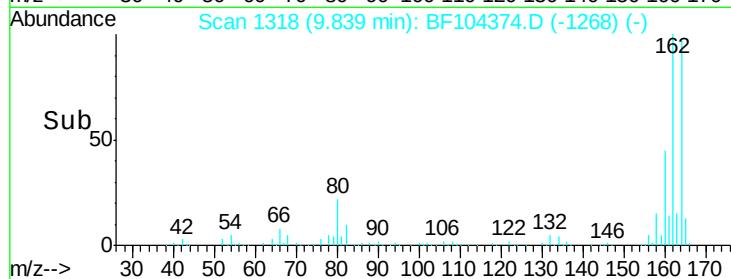
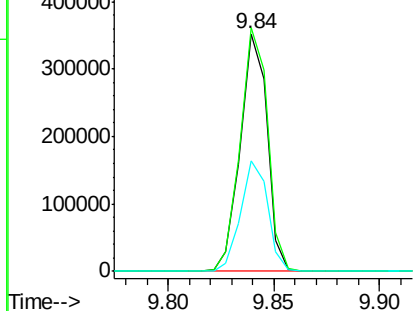
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF104374.D
 Acq: 9 Apr 2018 16:10

Instrument :
 BNA_F
 ClientSampleId :
 20180221-COMPOSITE-B

Tot Ion:164 Resp: 309455
 Ion Ratio Lower Upper
 164 100
 162 102.5 86.1 129.1
 160 46.4 38.3 57.5

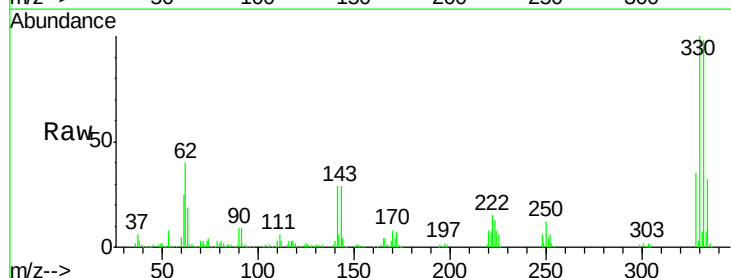


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

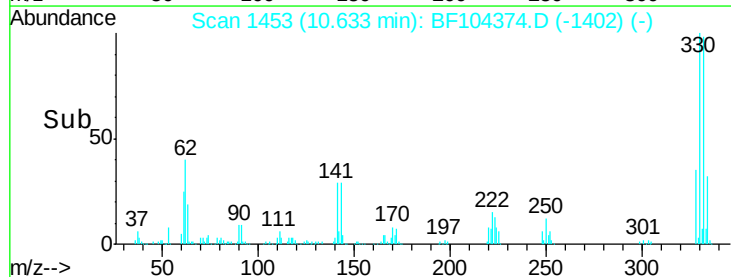
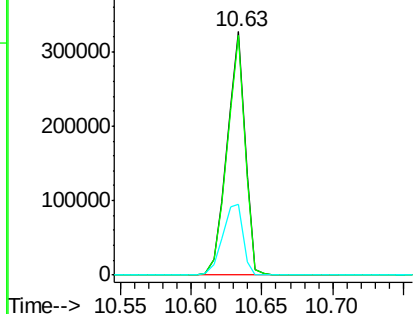


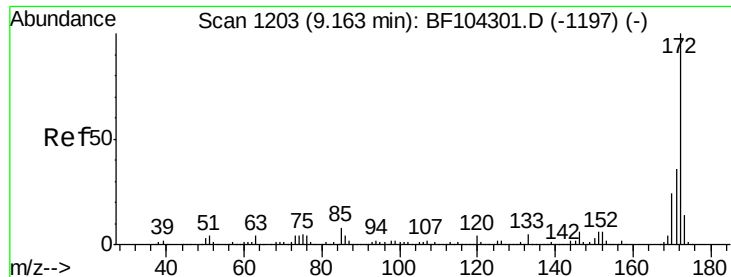
#41
 2,4,6-Tribromophenol
 Concen: 90.841 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.00 min
 Lab File: BF104374.D
 Acq: 9 Apr 2018 16:10

Tgt Ion:330 Resp: 291605
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 33.1 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



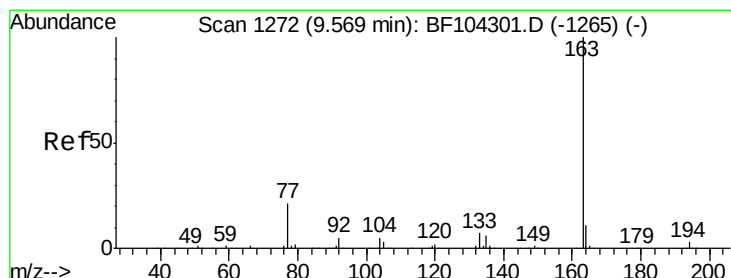
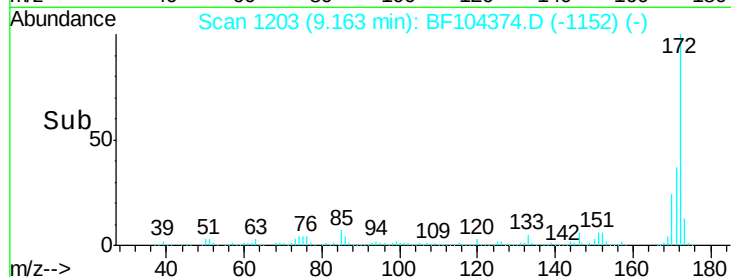
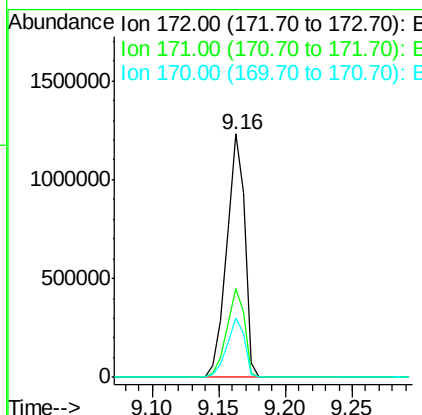
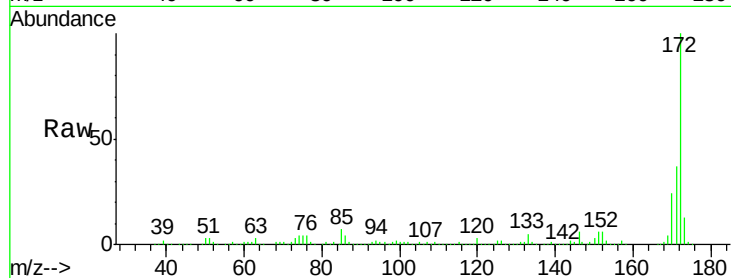


#44
2-Fluorobiphenyl
Concen: 60.232 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF104374.D
Acq: 9 Apr 2018 16:10

Instrument :
BNA_F
ClientSampleId :
20180221-COMPOSITE-B

Tot Ion:172 Resp: 1179877

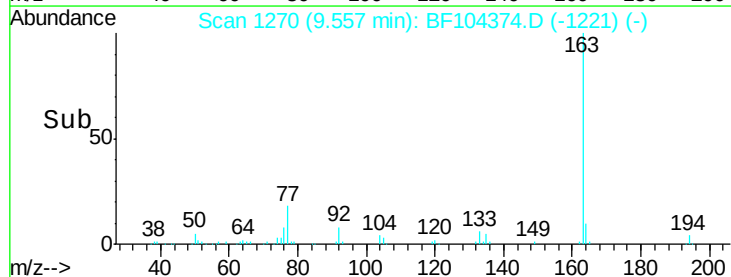
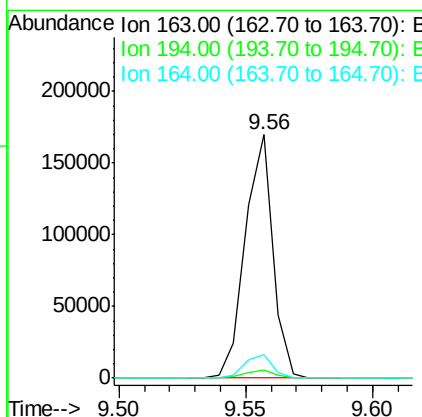
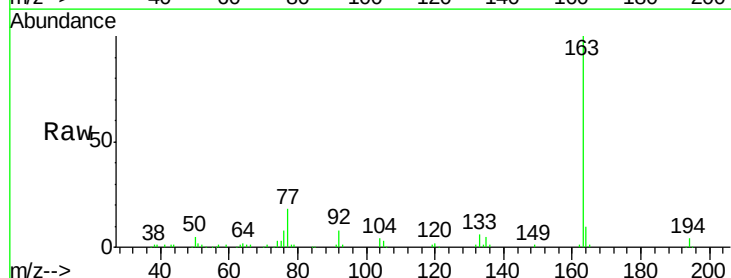
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.3	19.6	29.4

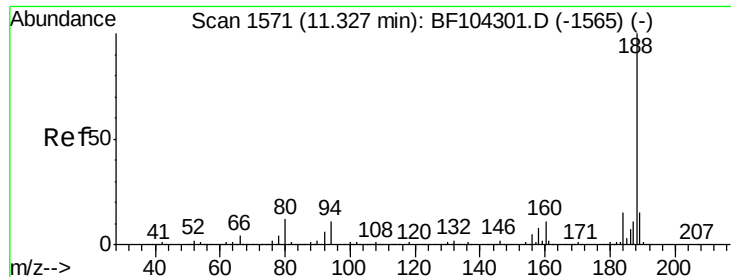


#49
Dimethylphthalate
Concen: 5.285 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF104374.D
Acq: 9 Apr 2018 16:10

Tgt Ion:163 Resp: 128960

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	9.5	8.2	12.2

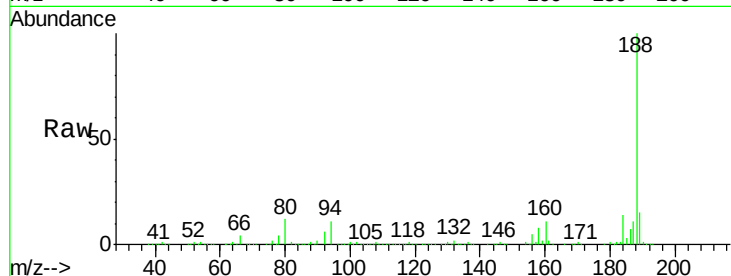




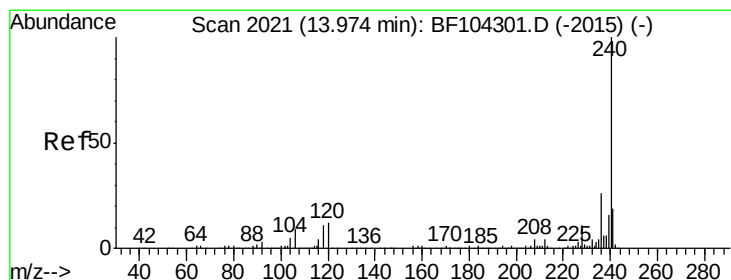
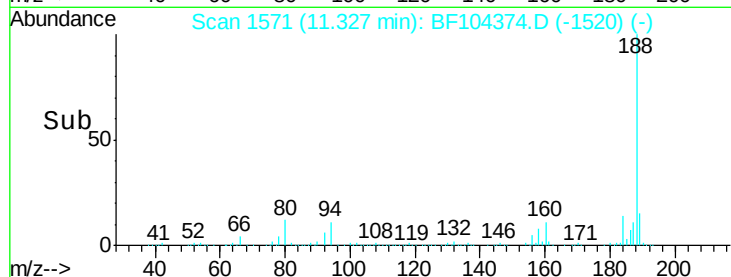
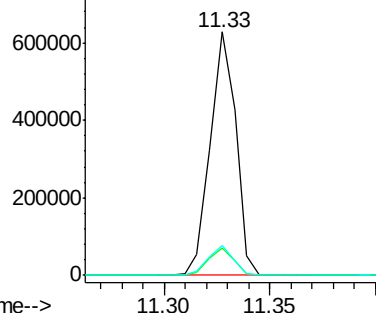
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF104374.D
Acq: 9 Apr 2018 16:10

Instrument :
BNA_F
ClientSampleId :
20180221-COMPOSITE-B

Tot Ion:188 Resp: 526527
Ion Ratio Lower Upper
188 100
94 11.4 8.5 12.7
80 12.1 9.2 13.8

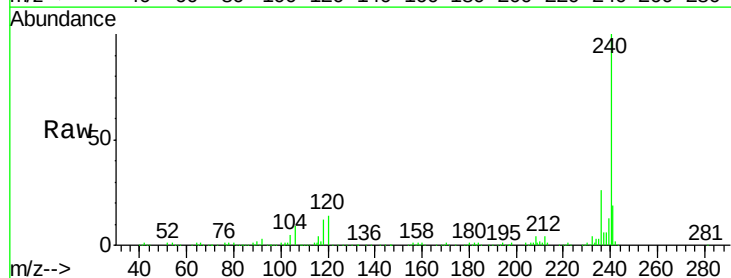


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

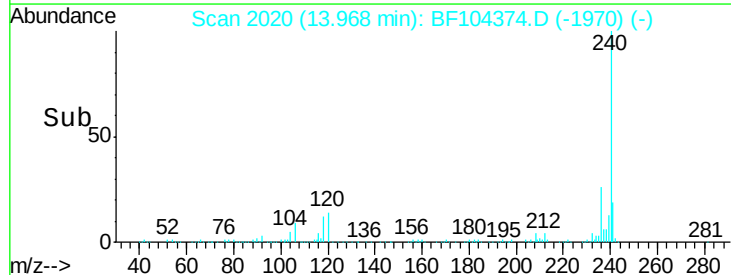
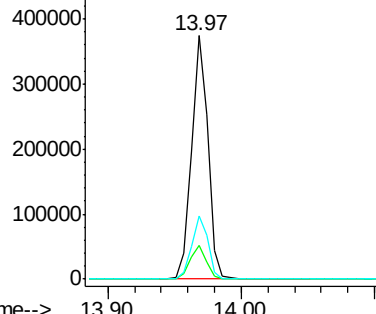


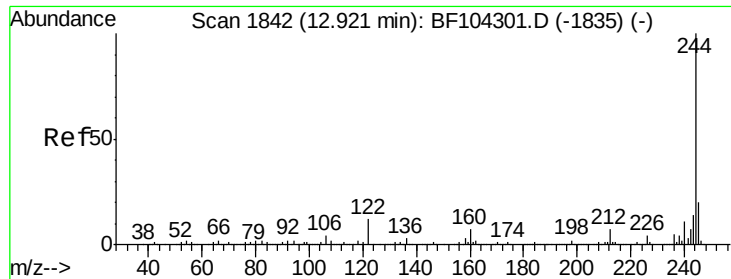
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF104374.D
Acq: 9 Apr 2018 16:10

Tgt Ion:240 Resp: 325787
Ion Ratio Lower Upper
240 100
120 13.8 9.5 14.3
236 26.0 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: 66.965 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF104374.D

Acq: 9 Apr 2018 16:10

Instrument :

BNA_F

ClientSampleId :

20180221-COMPOSITE-B

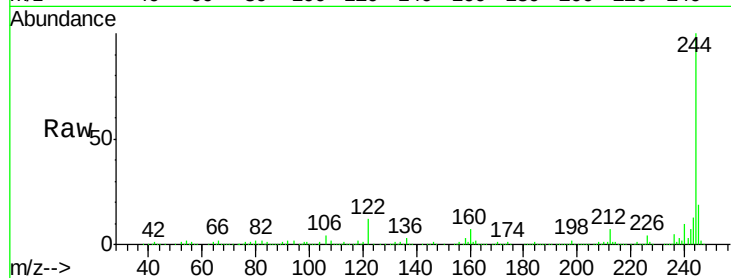
Tot Ion:244 Resp: 956935

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

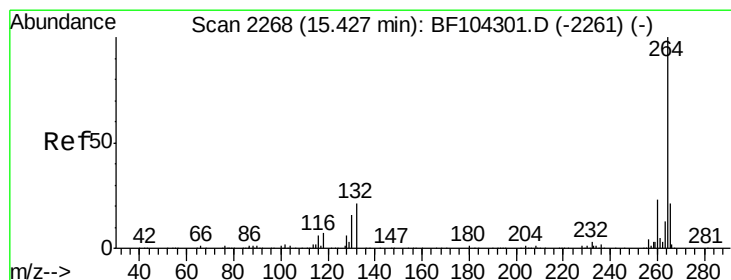
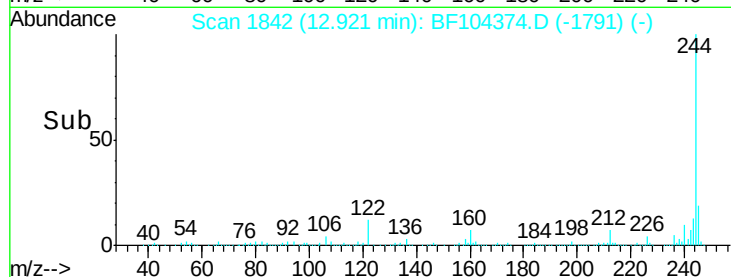
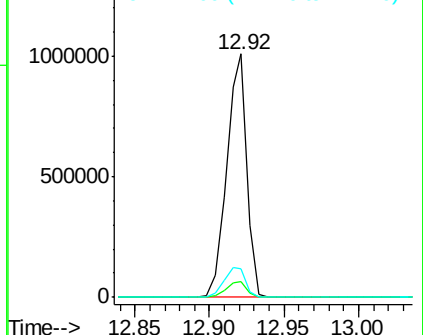
122 11.8 11.0 16.4



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: 15.43 min Scan# 2269

Delta R.T. 0.01 min

Lab File: BF104374.D

Acq: 9 Apr 2018 16:10

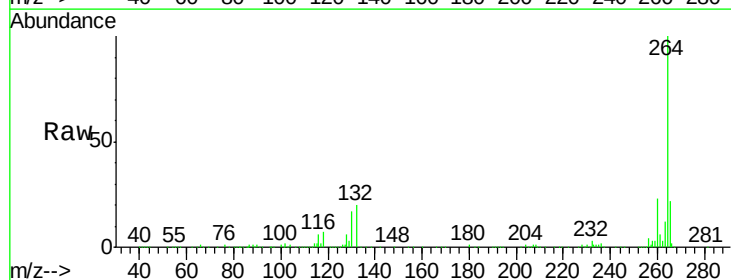
Tgt Ion:264 Resp: 348860

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.6 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

