

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040318\
 Data File : BF104199.D
 Acq On : 4 Apr 2018 00:08
 Operator : JU/SJ
 Sample : J2182-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 6-WM-DIP-1-WW@5.5

Quant Time: Apr 04 02:16:47 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 03 15:22:43 2018
 Response via : Initial Calibration

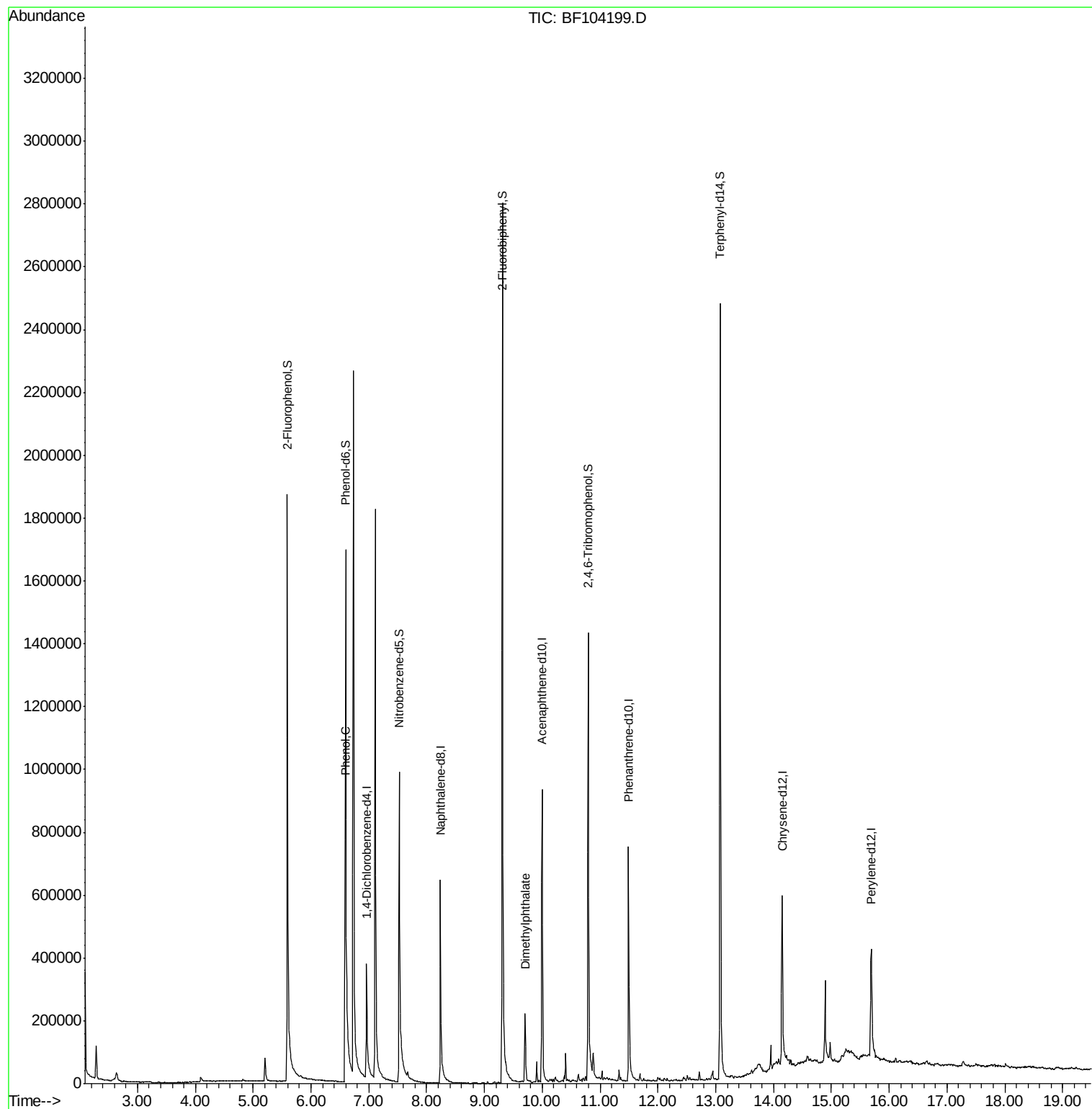
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	102761	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	441179	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	206400	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	375533	20.00	ng	0.00
75) Chrysene-d12	14.15	240	259058	20.00	ng	0.00
86) Perylene-d12	15.69	264	217351	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	780518	121.13	ng	0.00
7) Phenol-d6	6.60	99	1001358	126.31	ng	0.00
23) Nitrobenzene-d5	7.53	82	627560	86.99	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	264097	114.91	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1159336	88.57	ng	0.00
78) Terphenyl-d14	13.08	244	1028715	91.69	ng	0.00
Target Compounds						
10) Phenol	6.61	94	29063	3.309	ng	Qvalue # 54
49) Dimethylphthalate	9.70	163	120351	7.385	ng	99

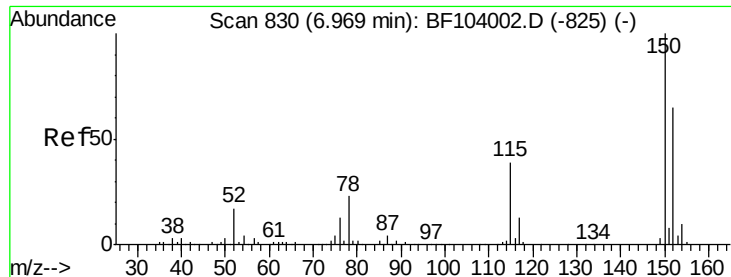
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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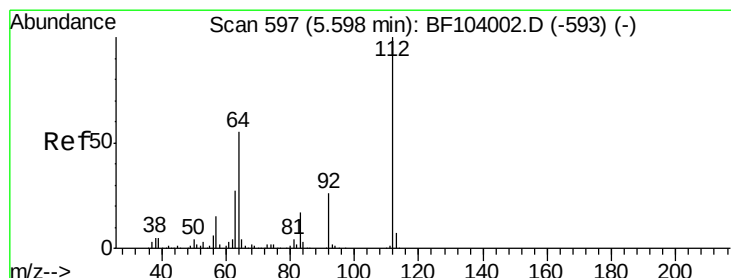
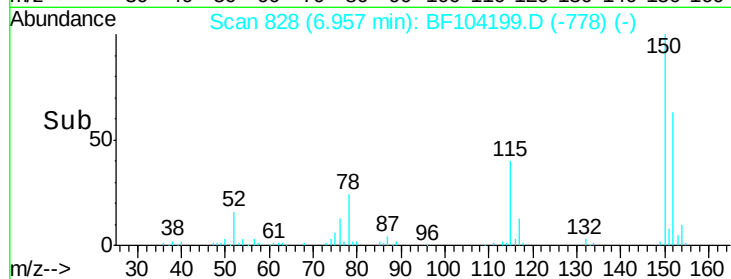
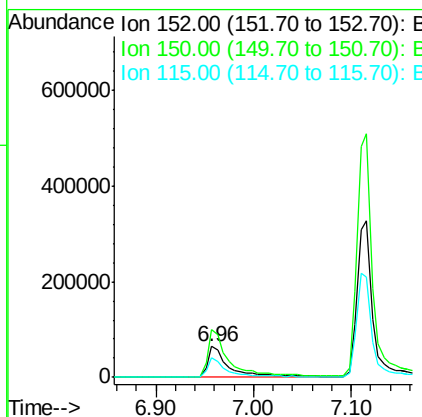
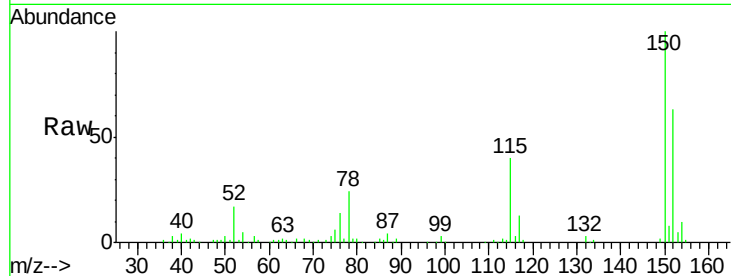


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF104199.D
 Acq: 4 Apr 2018 00:08

Instrument :
 BNA_F
 ClientSampleId :
 6-WM-DIP-1-WW@5.5

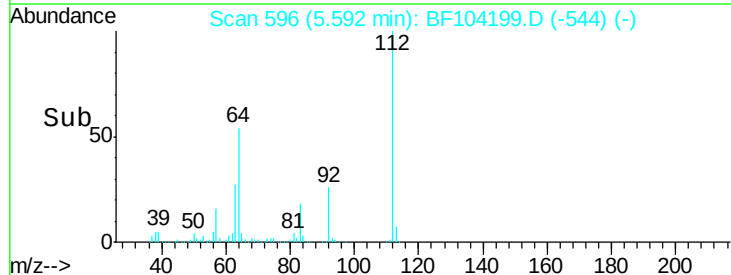
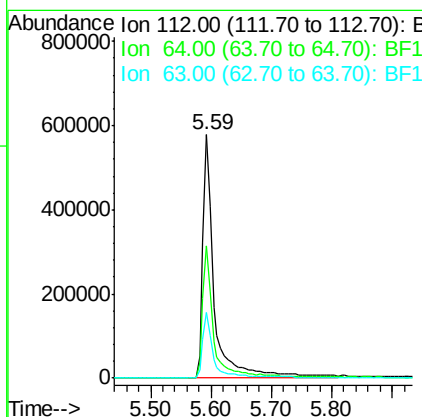
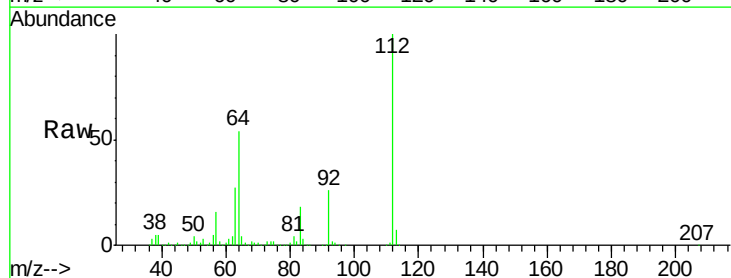
Tot Ion:152 Resp: 102761
 Ion Ratio Lower Upper
 152 100
 150 158.1 124.6 186.8
 115 63.7 50.1 75.1

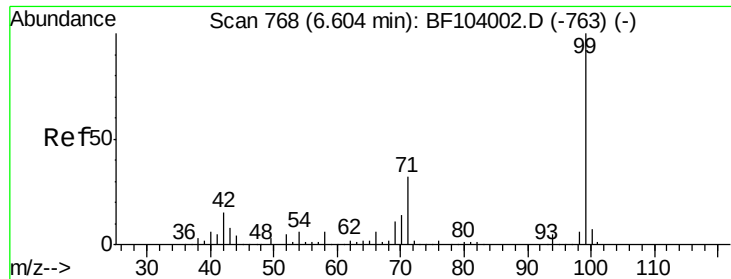


#5

2-Fluorophenol
 Concen: 121.129 ng
 RT: 5.59 min Scan# 596
 Delta R.T. 0.01 min
 Lab File: BF104199.D
 Acq: 4 Apr 2018 00:08

Tgt Ion:112 Resp: 780518
 Ion Ratio Lower Upper
 112 100
 64 54.1 47.9 71.9
 63 27.0 23.7 35.5





#7

Phenol-d6

Concen: 126.311 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF104199.D

Acq: 4 Apr 2018 00:08

Instrument :

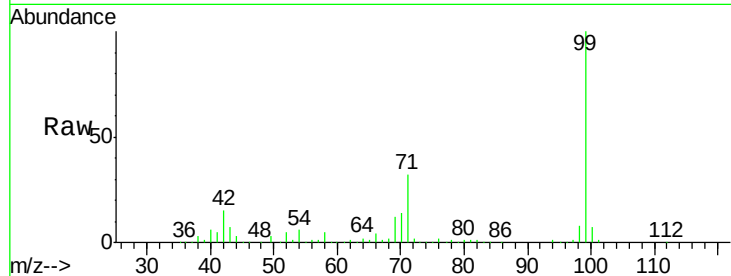
BNA_F

ClientSampleId :

6-WM-DIP-1-WW@5.5

Tot Ion: 99 Resp: 1001358

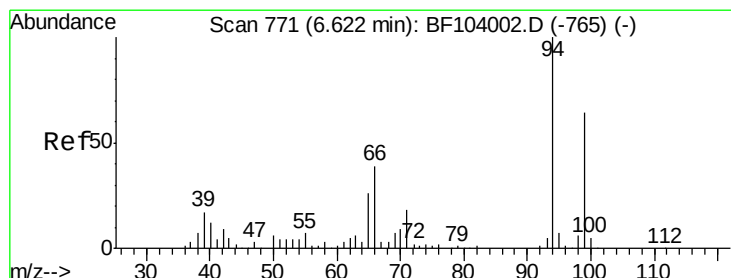
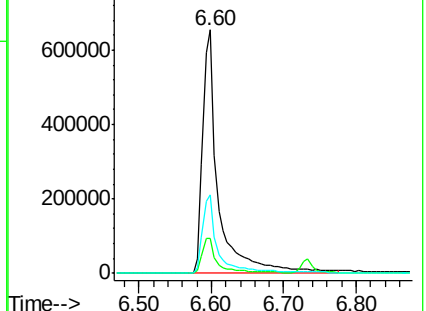
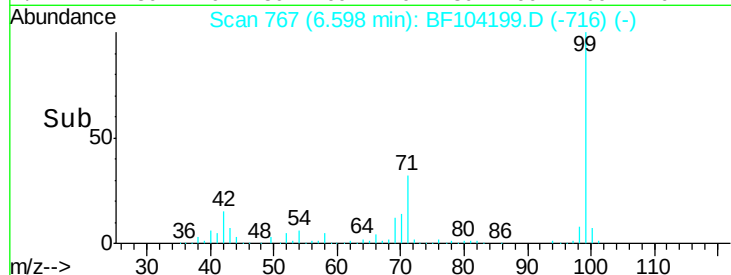
Ion	Ratio	Lower	Upper
99	100		
42	14.5	14.5	21.7
71	32.3	25.4	38.0



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: 3.309 ng

RT: 6.61 min Scan# 769

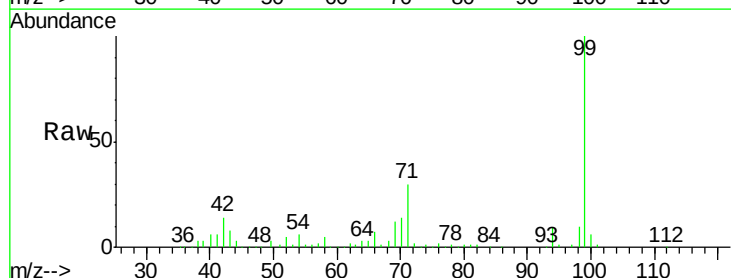
Delta R.T. -0.01 min

Lab File: BF104199.D

Acq: 4 Apr 2018 00:08

Tgt Ion: 94 Resp: 29063

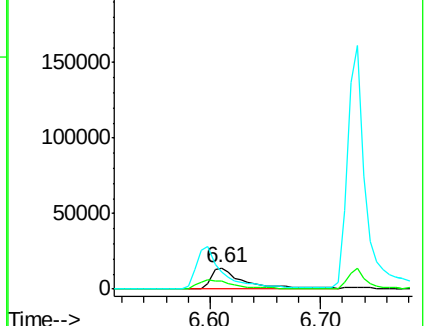
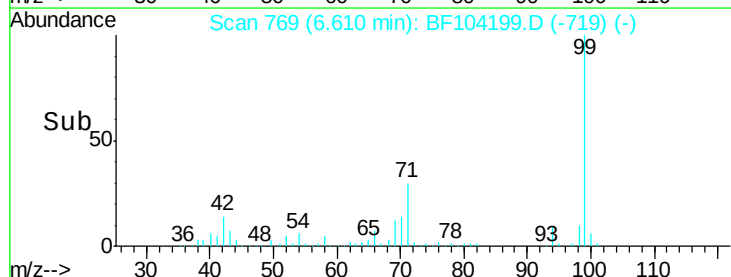
Ion	Ratio	Lower	Upper
94	100		
65	35.1	7.9	47.9
66	78.2	16.2	56.2

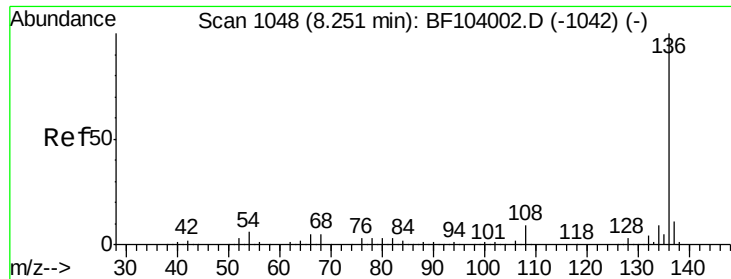


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

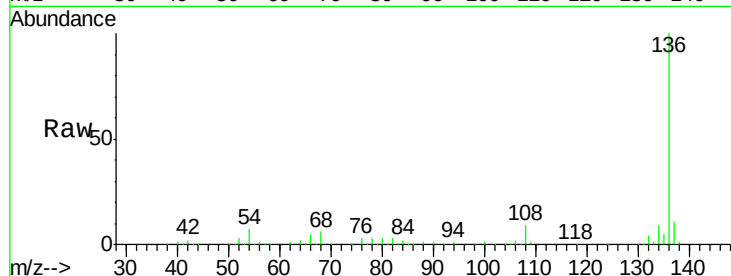




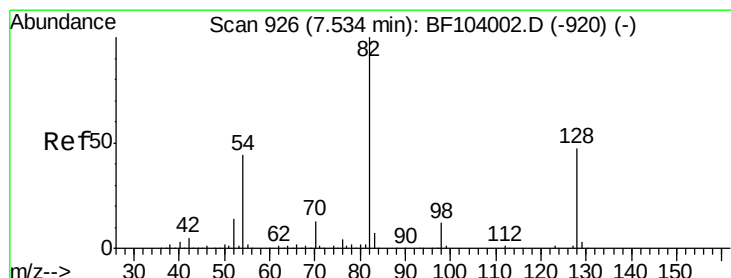
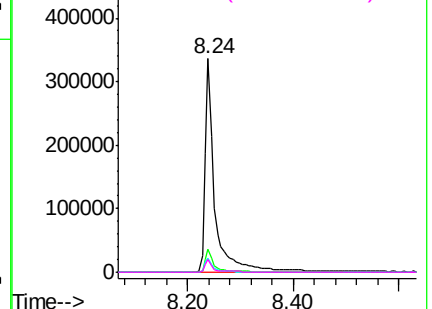
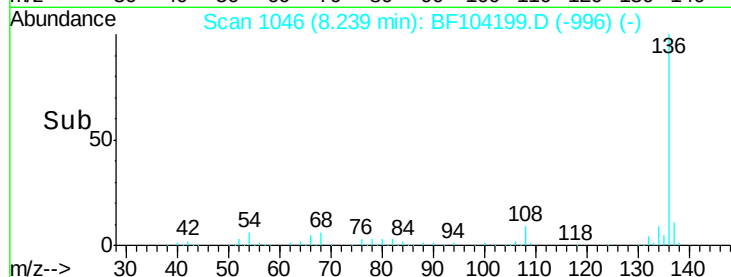
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF104199.D
Acq: 4 Apr 2018 00:08

Instrument :
BNA_F
ClientSampleId :
6-WM-DIP-1-WW@5.5

Tot Ion:136	Resp:	441179
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.9	13.3
54 6.6	6.6	9.8
68 5.8	5.0	7.4

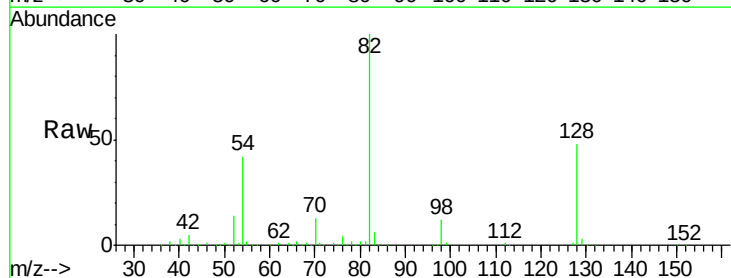


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

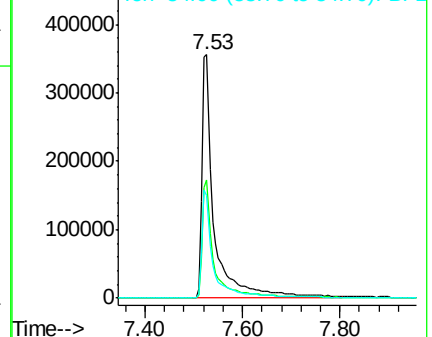
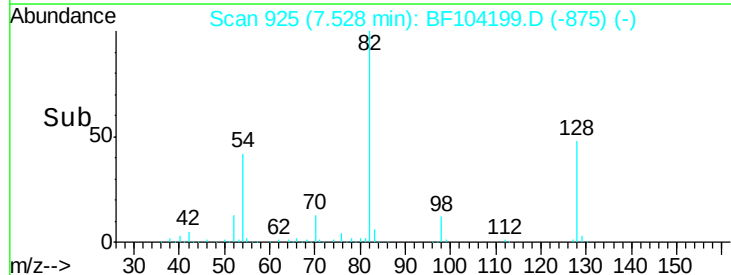


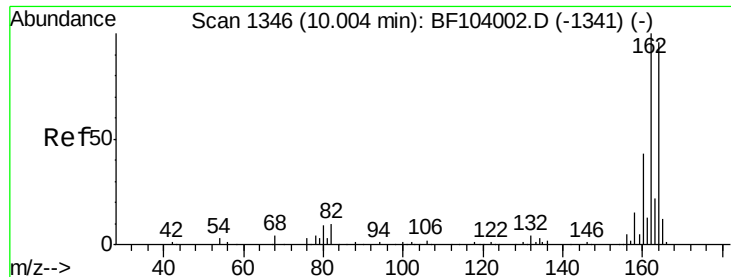
#23
Nitrobenzene-d5
Concen: 86.991 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF104199.D
Acq: 4 Apr 2018 00:08

Tgt	Ion: 82	Resp:	627560
Ion	Ratio	Lower	Upper
82	100		
128	48.3	36.1	54.1
54	42.3	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: 10.00 min Scan# 1345

Delta R.T. -0.01 min

Lab File: BF104199.D

Acq: 4 Apr 2018 00:08

Instrument :

BNA_F

ClientSampleId :

6-WM-DIP-1-WW@5.5

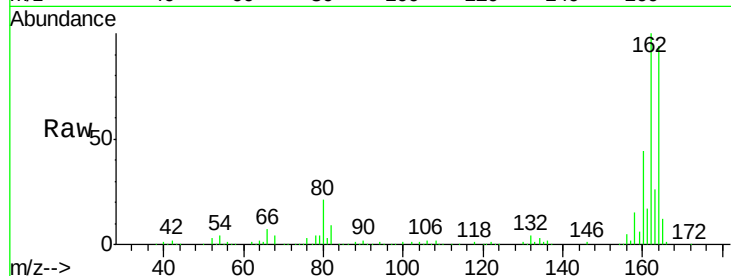
Tot Ion:164 Resp: 206400

Ion Ratio Lower Upper

164 100

162 105.8 86.1 129.1

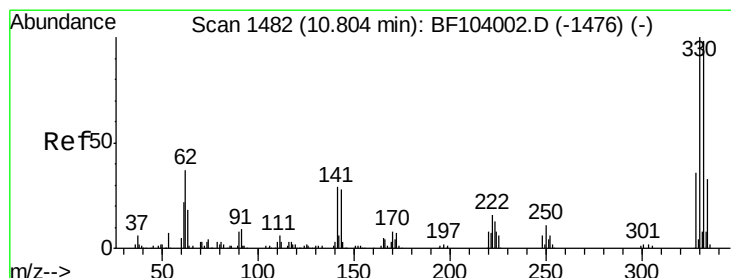
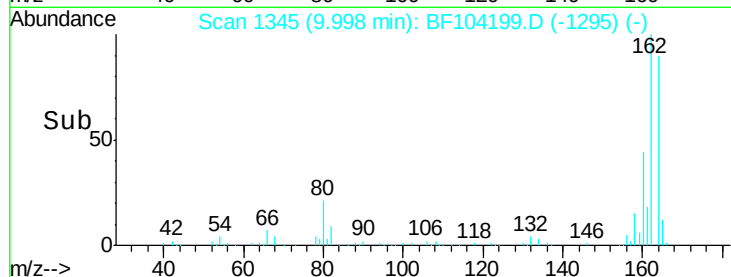
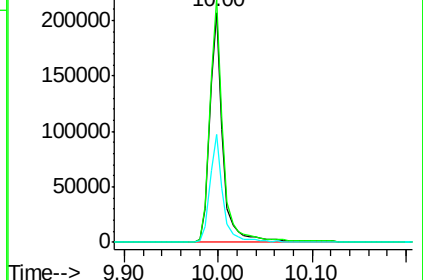
160 46.8 38.3 57.5



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: 114.911 ng

RT: 10.80 min Scan# 1481

Delta R.T. -0.00 min

Lab File: BF104199.D

Acq: 4 Apr 2018 00:08

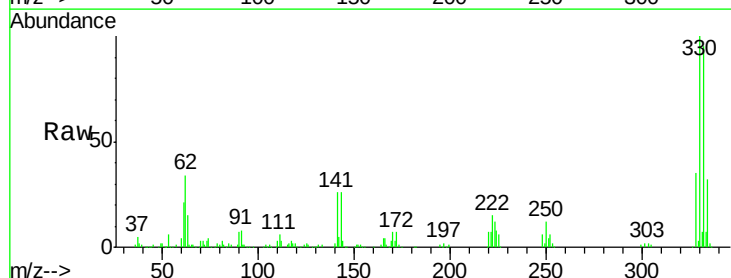
Tgt Ion:330 Resp: 264097

Ion Ratio Lower Upper

330 100

332 95.6 77.0 115.6

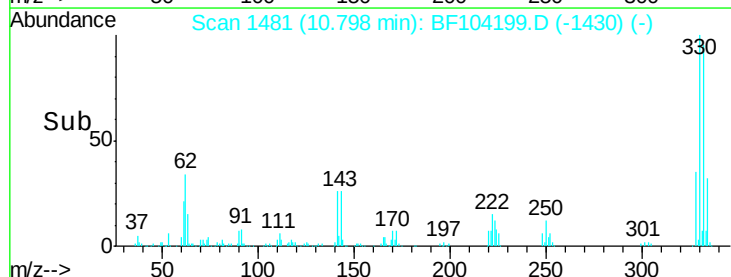
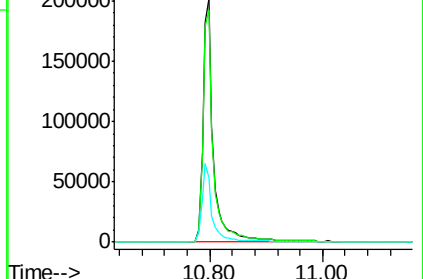
141 31.7 29.9 44.9

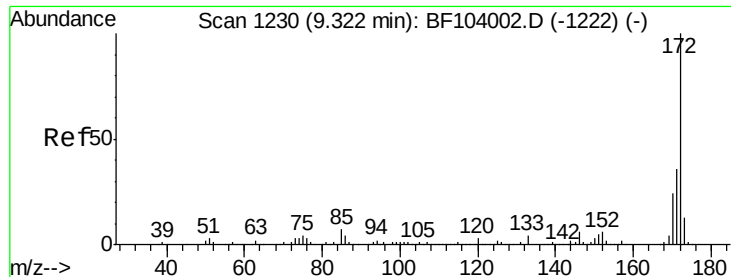


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



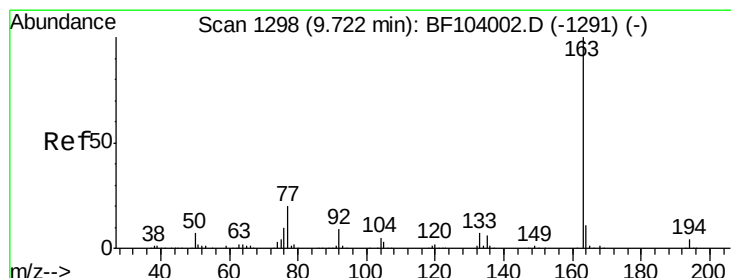
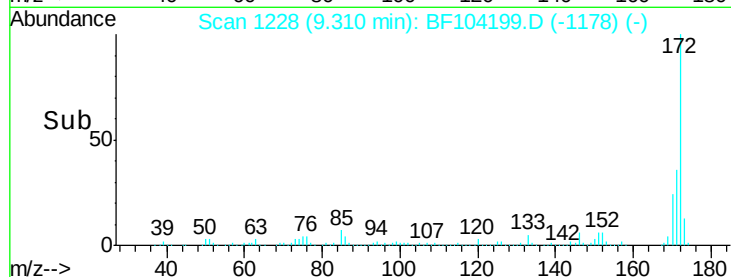
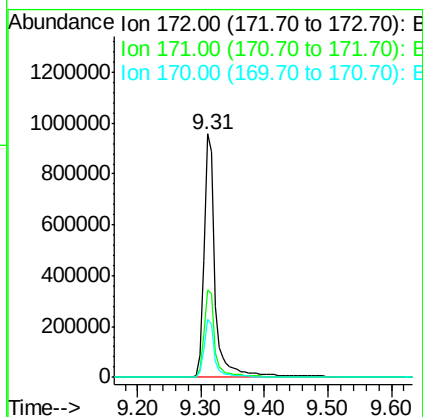
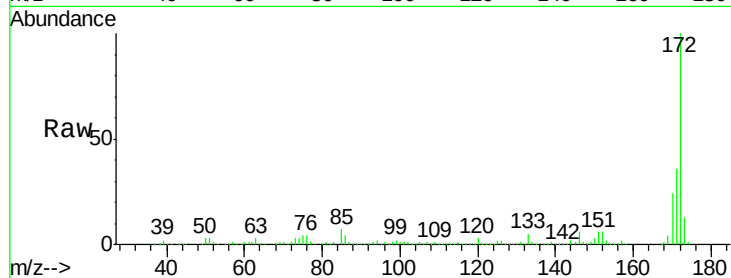


#44
 2-Fluorobiphenyl
 Concen: 88.574 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF104199.D
 Acq: 4 Apr 2018 00:08

Instrument :
 BNA_F
 ClientSampleId :
 6-WM-DIP-1-WW@5.5

Tot Ion:172 Resp: 1159336

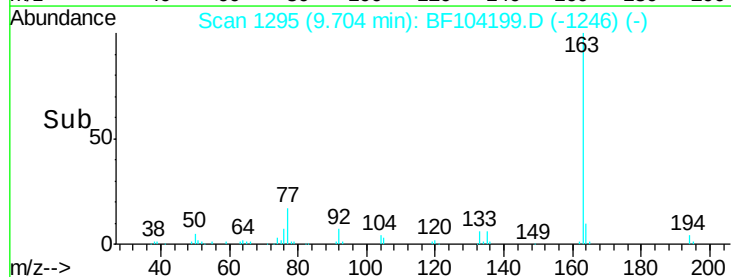
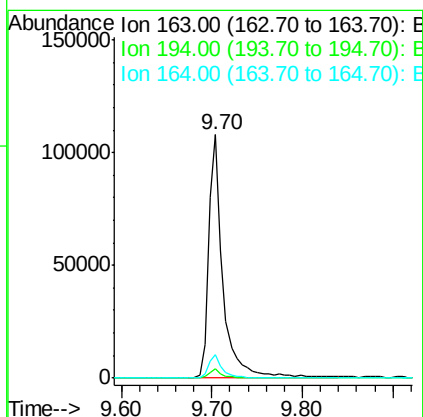
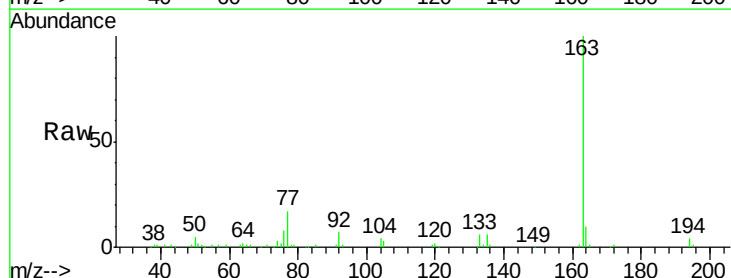
Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.9	19.6	29.4

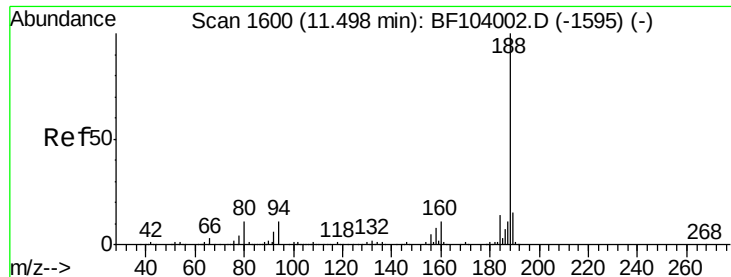


#49
 Dimethylphthalate
 Concen: 7.385 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF104199.D
 Acq: 4 Apr 2018 00:08

Tgt Ion:163 Resp: 120351

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	9.7	8.2	12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BF104199.D

Acq: 4 Apr 2018 00:08

Instrument :

BNA_F

ClientSampleId :

6-WM-DIP-1-WW@5.5

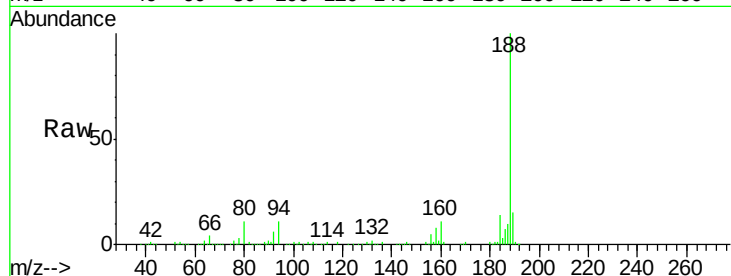
Tot Ion:188 Resp: 375533

Ion Ratio Lower Upper

188 100

94 10.8 8.5 12.7

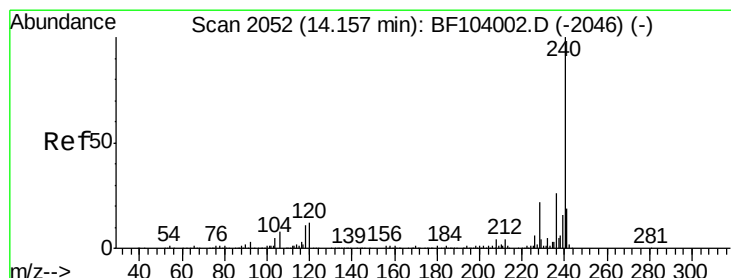
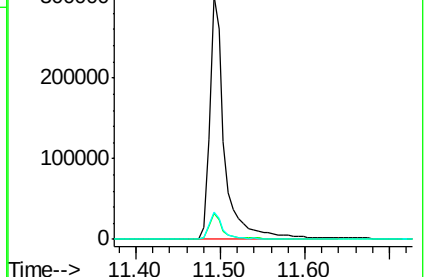
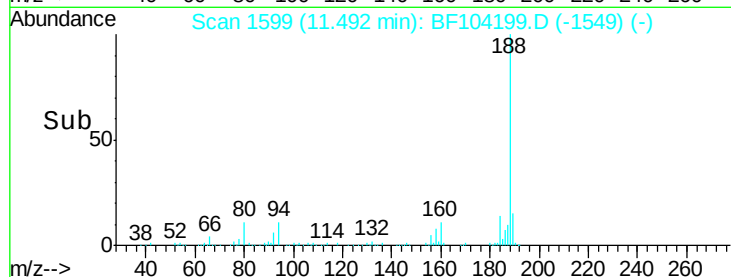
80 11.5 9.2 13.8



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: 14.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF104199.D

Acq: 4 Apr 2018 00:08

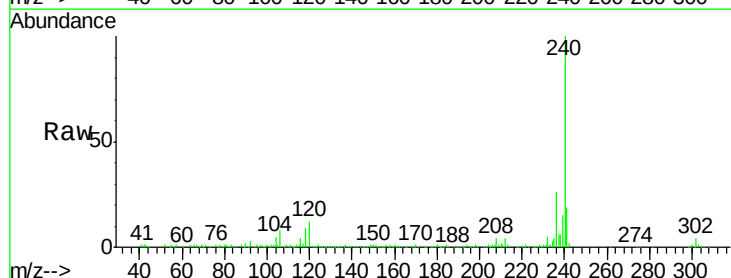
Tgt Ion:240 Resp: 259058

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

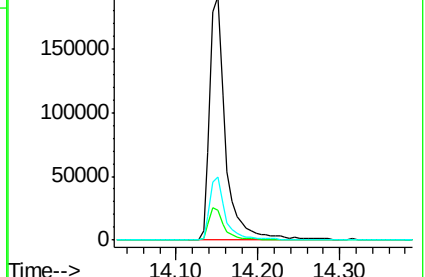
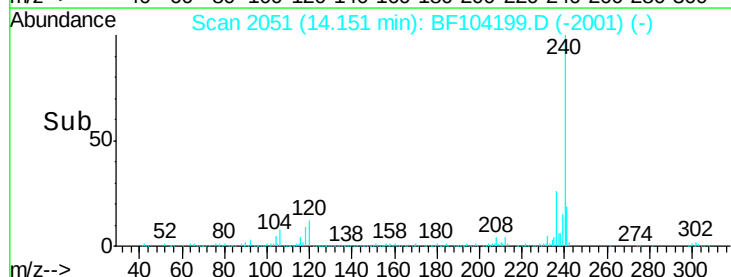
236 25.8 20.7 31.1

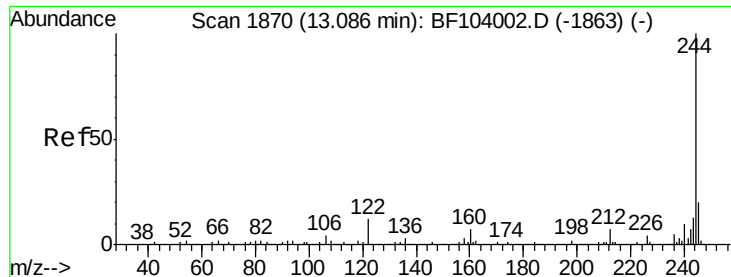


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 91.688 ng

RT: 13.08 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BF104199.D

Acq: 4 Apr 2018 00:08

Instrument :

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ClientSampleId :

6-WM-DIP-1-WW@5.5

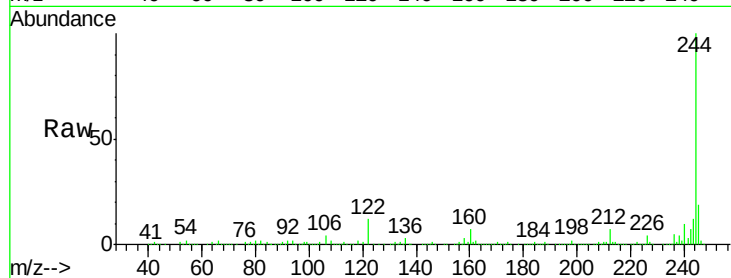
Tot Ion:244 Resp: 1028715

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

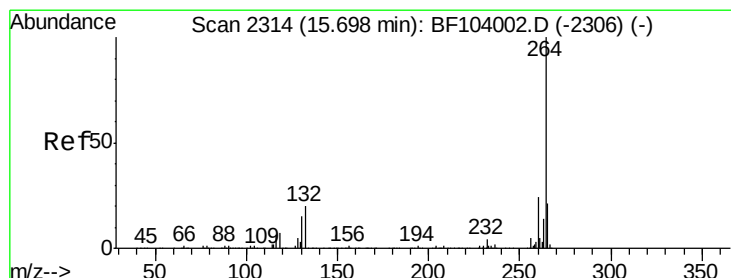
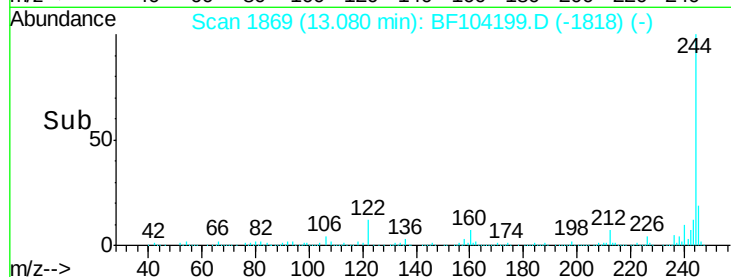
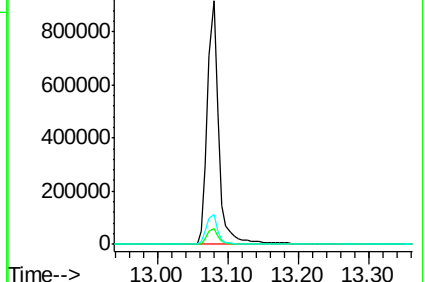
122 12.0 11.0 16.4



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: 15.69 min Scan# 2313

Delta R.T. -0.01 min

Lab File: BF104199.D

Acq: 4 Apr 2018 00:08

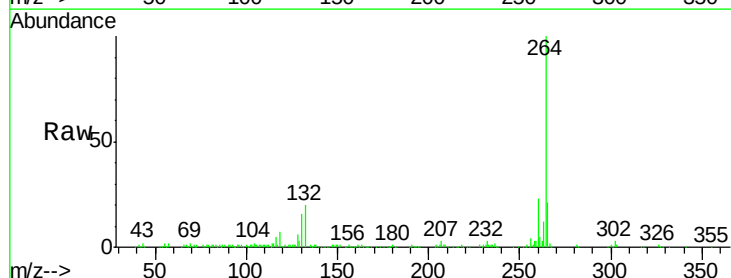
Tgt Ion:264 Resp: 217351

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.2 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

