

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040318\
 Data File : BF104201.D
 Acq On : 4 Apr 2018 1:01
 Operator : JU/SJ
 Sample : J2182-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 6-WM-DIP-2-EW@4.5

Quant Time: Apr 04 03:02:36 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

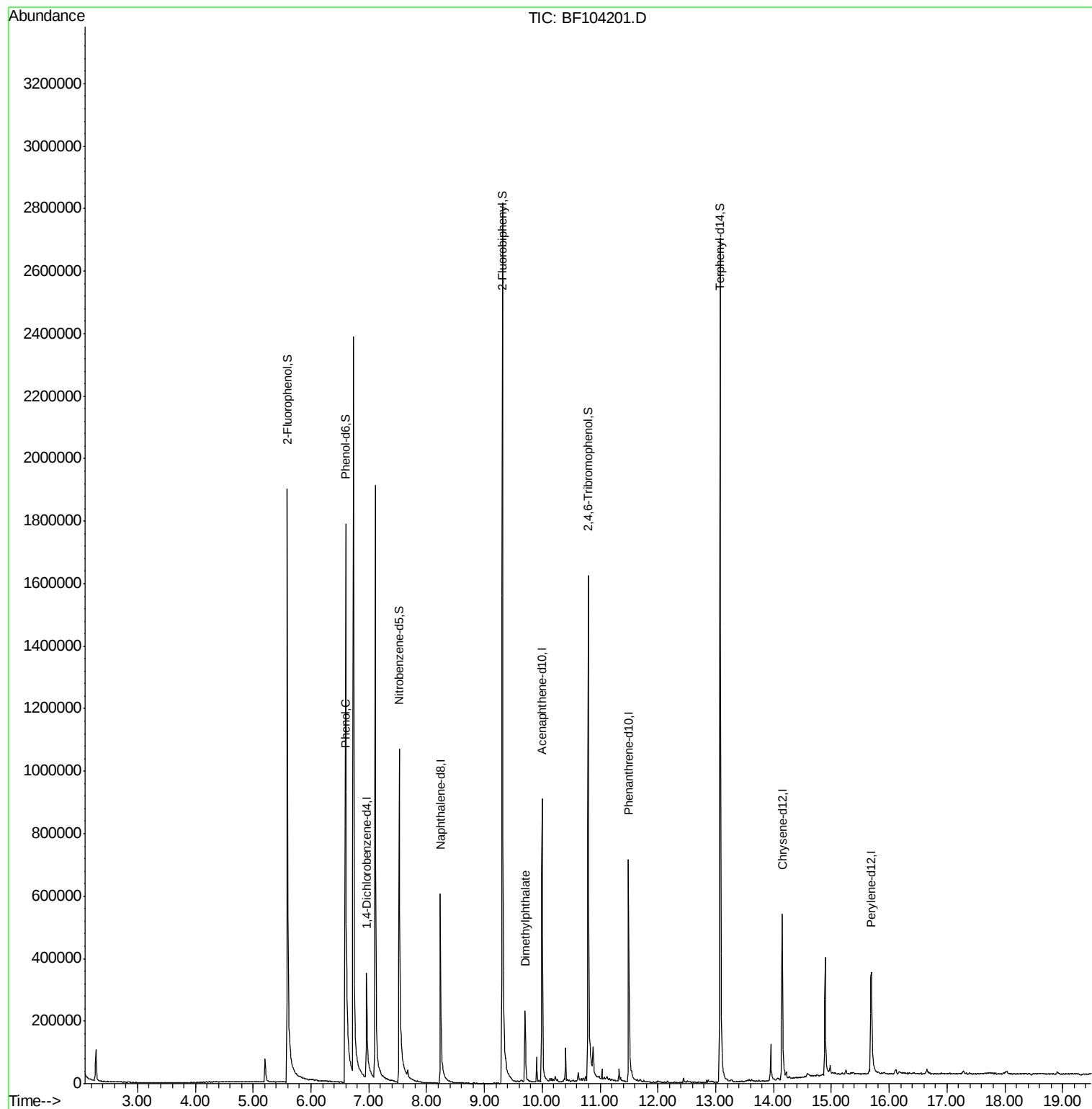
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	101878	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	440074	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	210770	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	390836	20.00	ng	0.00
75) Chrysene-d12	14.15	240	268087	20.00	ng	0.00
86) Perylene-d12	15.69	264	219069	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	841060	131.66	ng	0.00
7) Phenol-d6	6.60	99	1047690	133.30	ng	0.00
23) Nitrobenzene-d5	7.53	82	666259	92.59	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	290472	123.77	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1218378	91.16	ng	0.00
78) Terphenyl-d14	13.08	244	1140095	98.19	ng	0.00
Target Compounds						
10) Phenol	6.61	94	42913	4.928	ng	Qvalue # 61
49) Dimethylphthalate	9.70	163	125773	7.558	ng	99

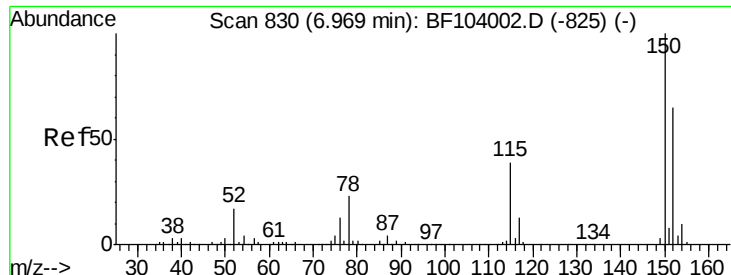
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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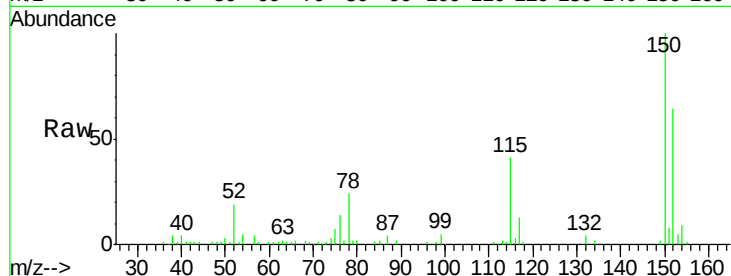


#1

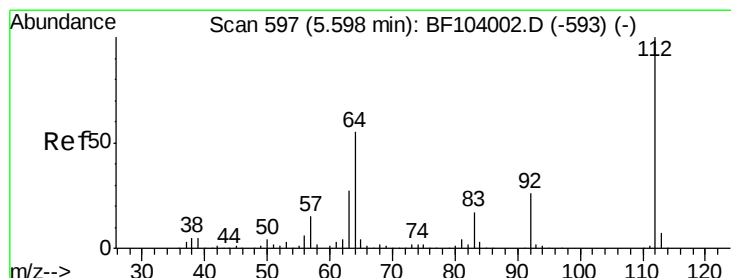
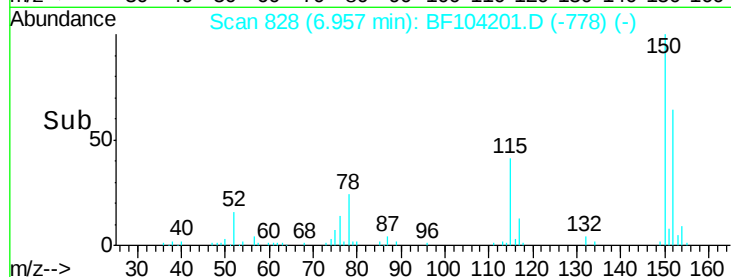
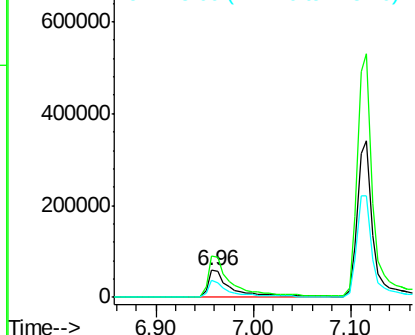
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF104201.D
Acq: 4 Apr 2018 1:01

Instrument :
BNA_F
ClientSampleId :
6-WM-DIP-2-EW@4.5

Tot Ion:152 Resp: 101878
Ion Ratio Lower Upper
152 100
150 156.3 124.6 186.8
115 63.7 50.1 75.1



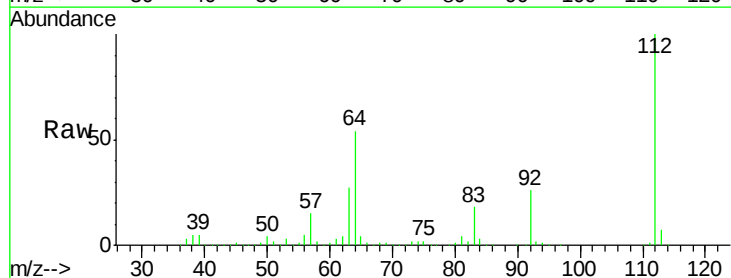
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



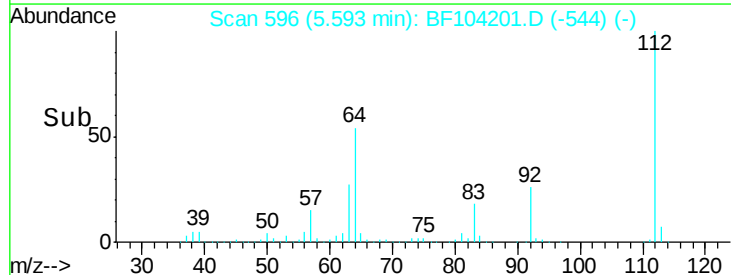
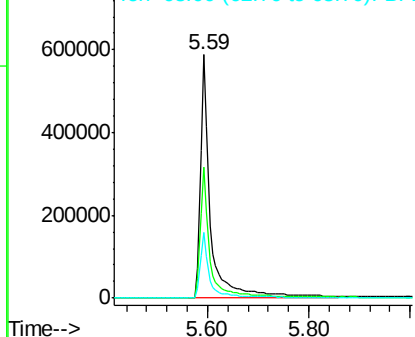
#5

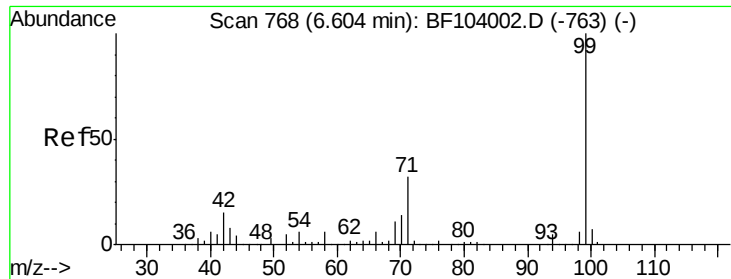
2-Fluorophenol
Concen: 131.655 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF104201.D
Acq: 4 Apr 2018 1:01

Tgt Ion:112 Resp: 841060
Ion Ratio Lower Upper
112 100
64 53.9 47.9 71.9
63 26.9 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: 133.301 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF104201.D

Acq: 4 Apr 2018 1:01

Instrument :

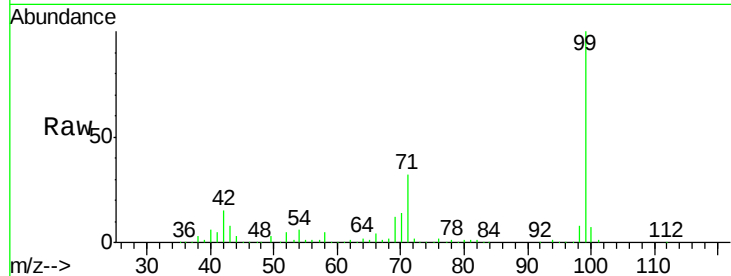
BNA_F

ClientSampleId :

6-WM-DIP-2-EW@4.5

Tot Ion: 99 Resp: 1047690

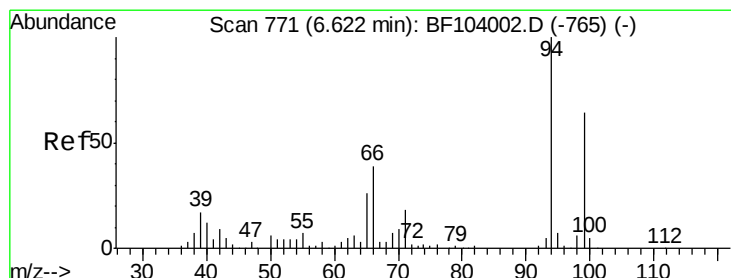
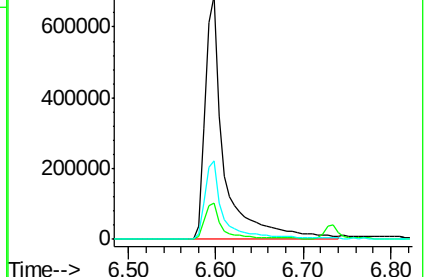
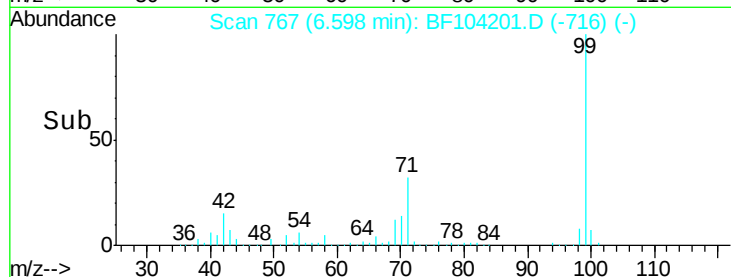
Ion	Ratio	Lower	Upper
99	100		
42	14.6	14.5	21.7
71	32.4	25.4	38.0



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: 4.928 ng

RT: 6.61 min Scan# 769

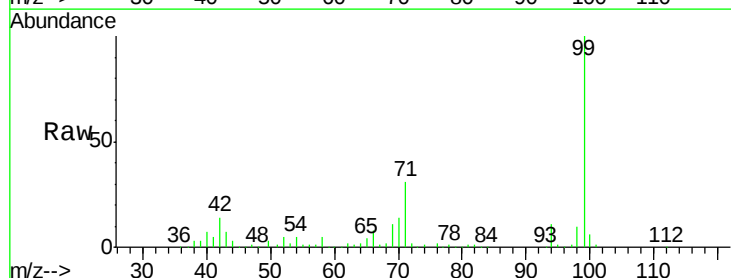
Delta R.T. -0.01 min

Lab File: BF104201.D

Acq: 4 Apr 2018 1:01

Tgt Ion: 94 Resp: 42913

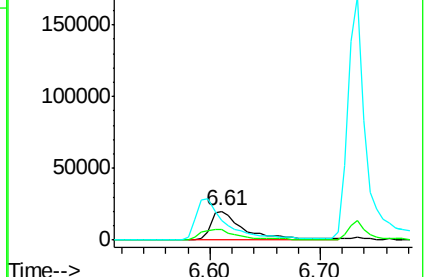
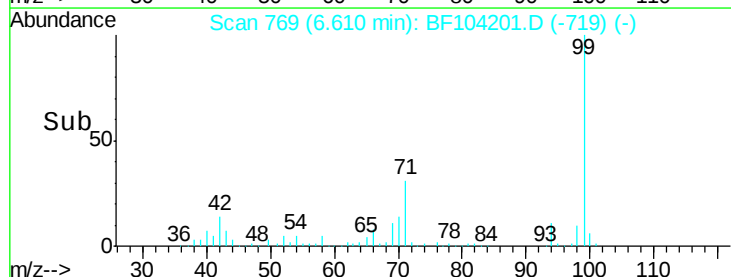
Ion	Ratio	Lower	Upper
94	100		
65	36.6	7.9	47.9
66	69.5	16.2	56.2

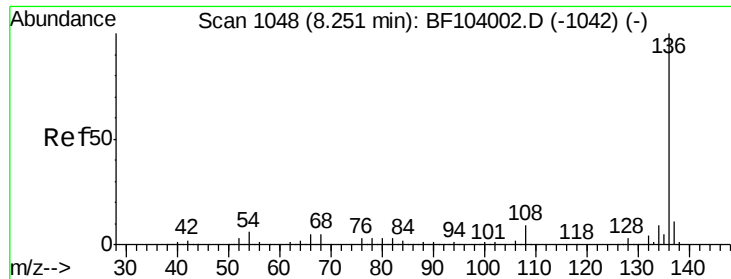


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

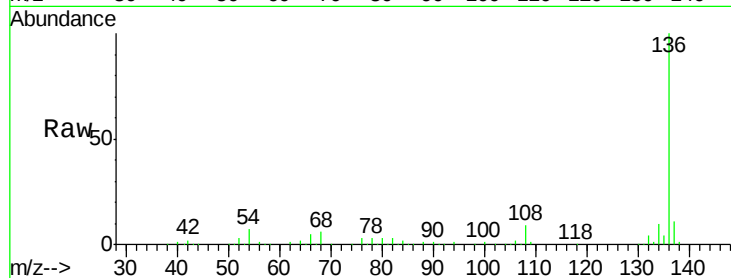




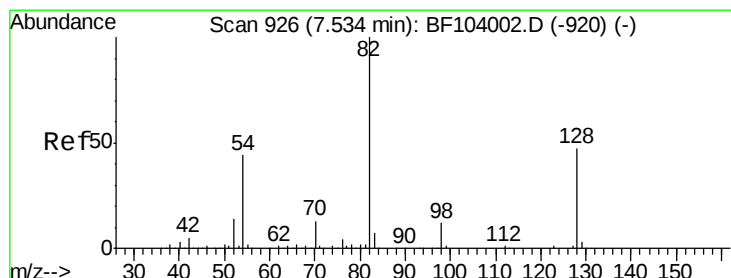
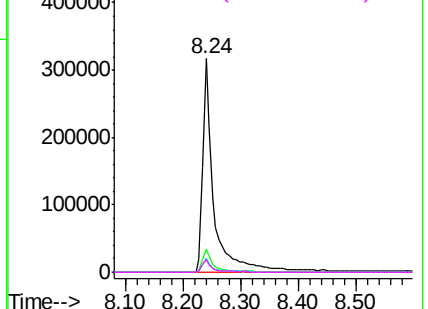
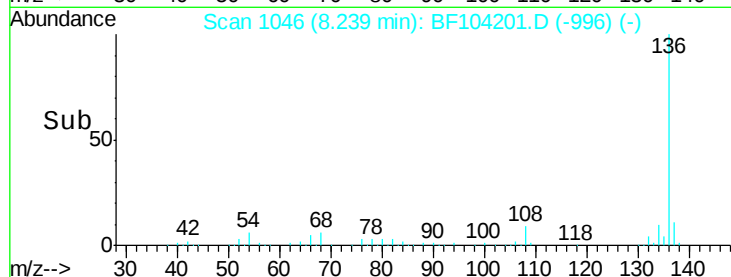
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF104201.D
Acq: 4 Apr 2018 1:01

Instrument :
BNA_F
ClientSampleId :
6-WM-DIP-2-EW@4.5

Tot Ion:136	Resp:	440074
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.9 13.3
54	6.6	6.6 9.8#
68	5.9	5.0 7.4

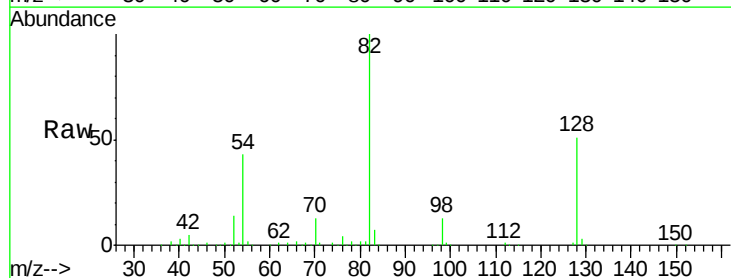


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

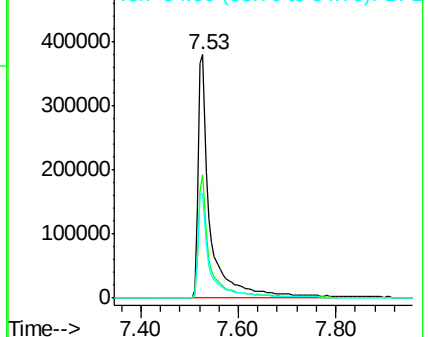
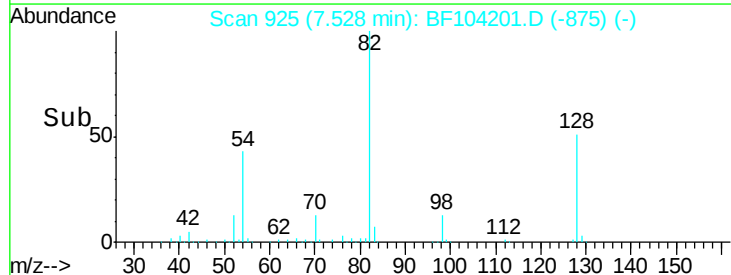


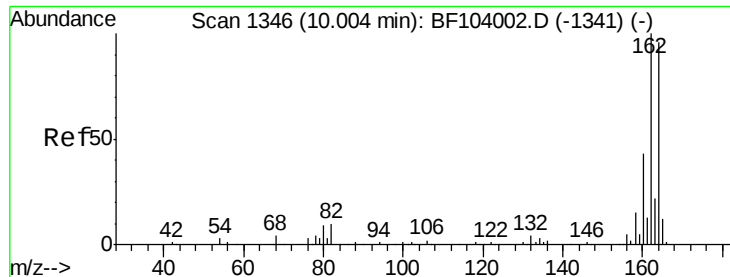
#23
Nitrobenzene-d5
Concen: 92.588 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF104201.D
Acq: 4 Apr 2018 1:01

Tgt Ion: 82	Resp:	666259
Ion Ratio	Lower	Upper
82	100	
128	50.8	36.1 54.1
54	42.8	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

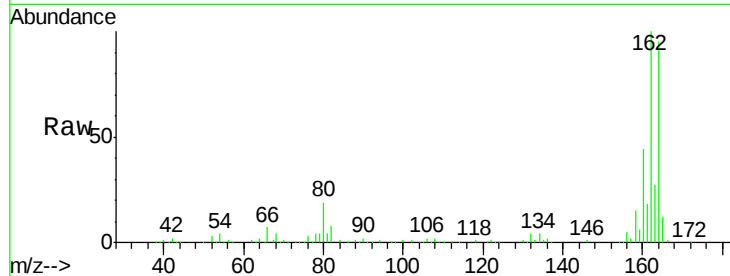




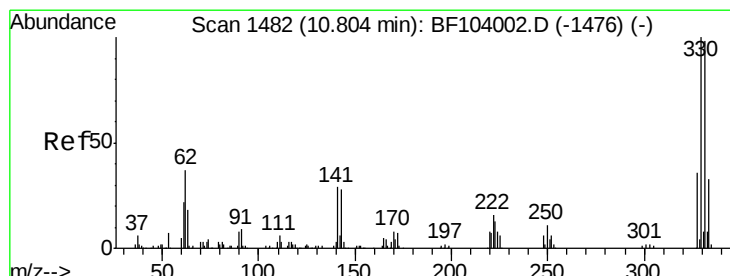
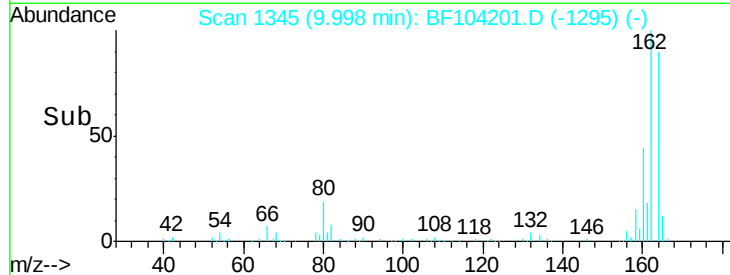
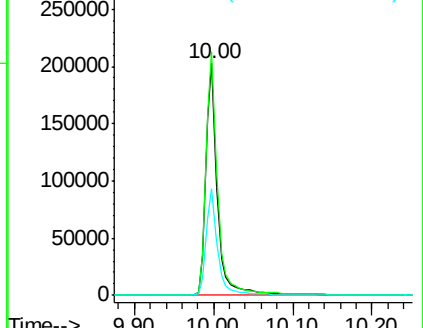
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: BF104201.D
 Acq: 4 Apr 2018 1:01

Instrument :
 BNA_F
 ClientSampleId :
 6-WM-DIP-2-EW@4.5

Tot Ion:164 Resp: 210770
 Ion Ratio Lower Upper
 164 100
 162 105.2 86.1 129.1
 160 46.0 38.3 57.5

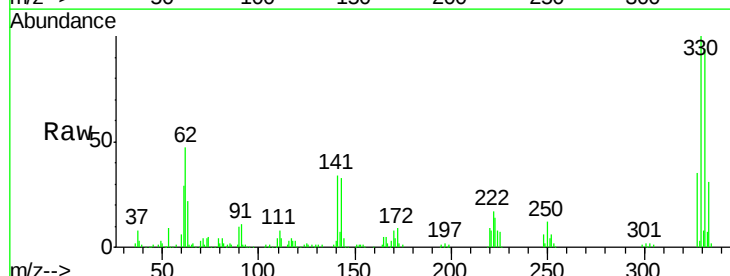


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

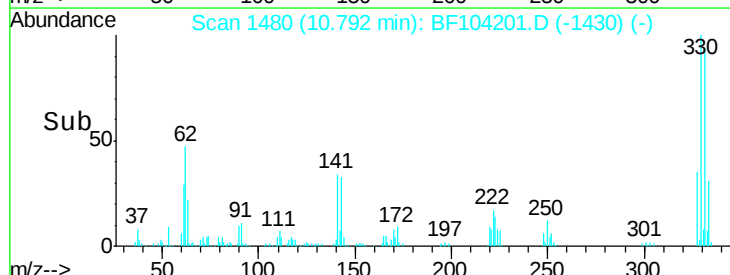
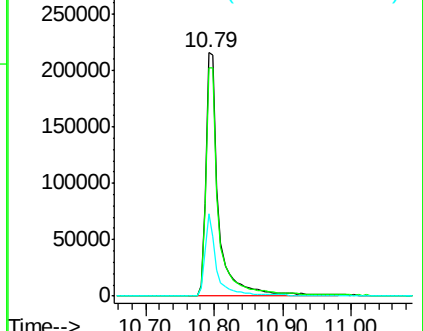


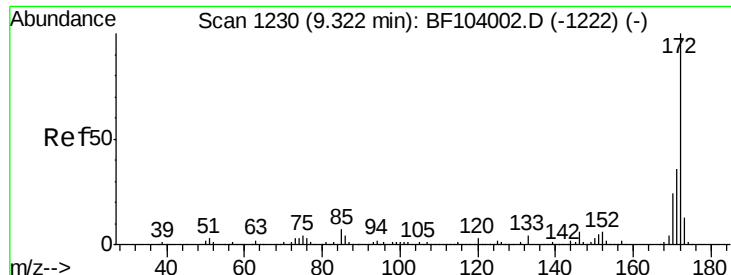
#41
 2,4,6-Tribromophenol
 Concen: 123.767 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BF104201.D
 Acq: 4 Apr 2018 1:01

Tgt Ion:330 Resp: 290472
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 29.5 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

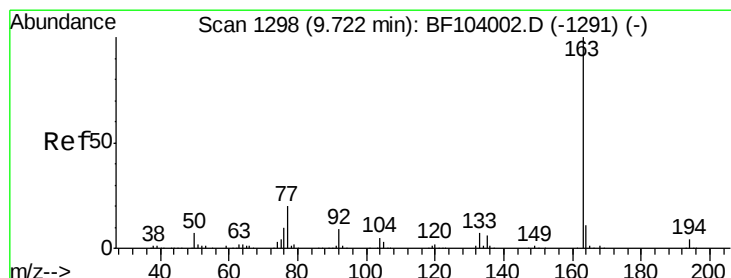
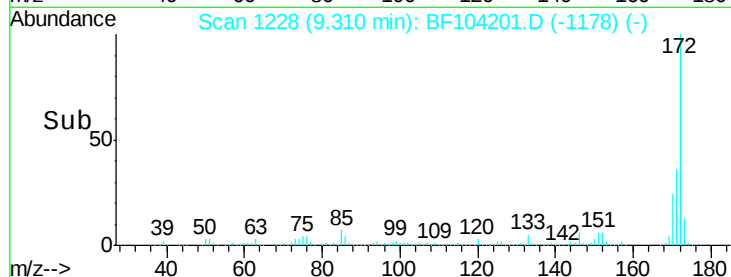
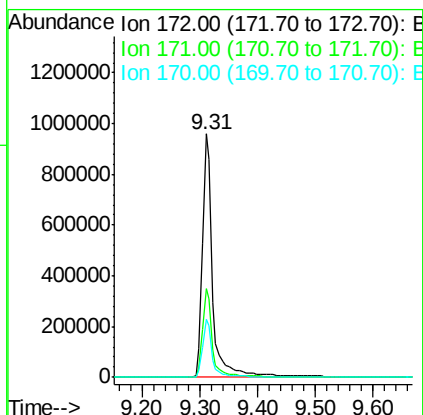
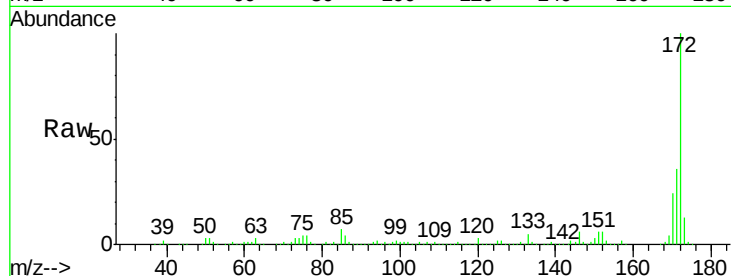




#44
2-Fluorobiphenyl
Concen: 91.155 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF104201.D
Acq: 4 Apr 2018 1:01

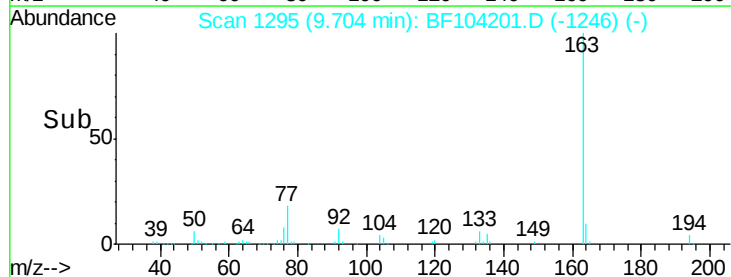
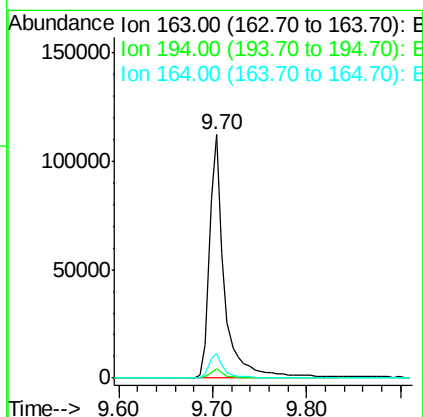
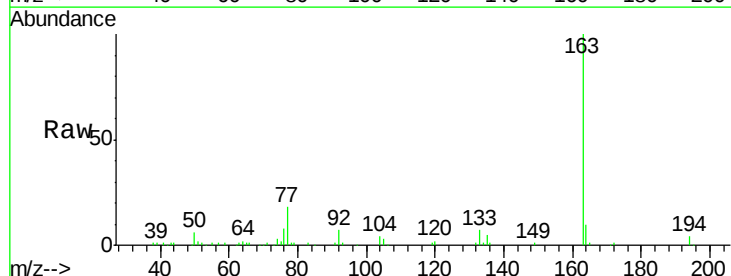
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6-WM-DIP-2-EW@4.5

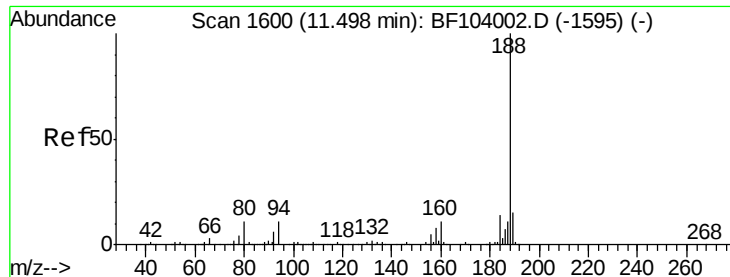
Tot Ion:172 Resp: 1218378
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 23.6 19.6 29.4



#49
Dimethylphthalate
Concen: 7.558 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF104201.D
Acq: 4 Apr 2018 1:01

Tgt Ion:163 Resp: 125773
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 9.9 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: BF104201.D

Acq: 4 Apr 2018 1:01

Instrument :

BNA_F

ClientSampleId :

6-WM-DIP-2-EW@4.5

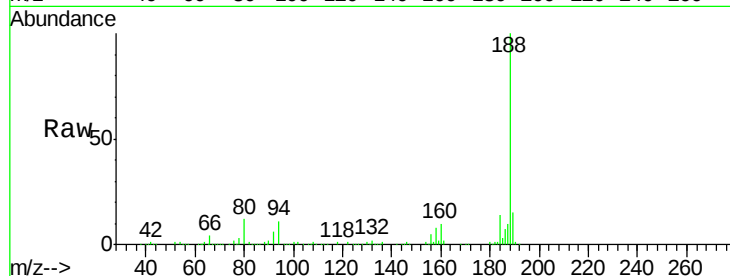
Tot Ion:188 Resp: 390836

Ion Ratio Lower Upper

188 100

94 10.9 8.5 12.7

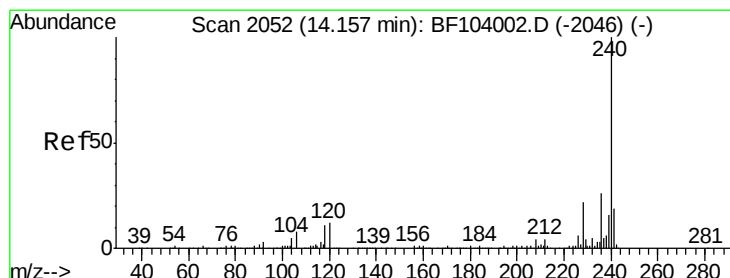
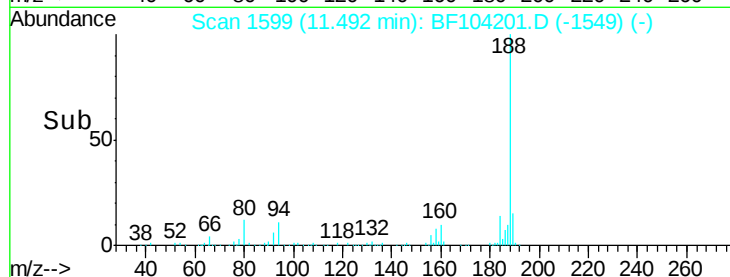
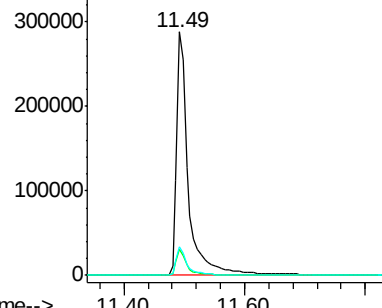
80 11.6 9.2 13.8



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: BF104201.D

Acq: 4 Apr 2018 1:01

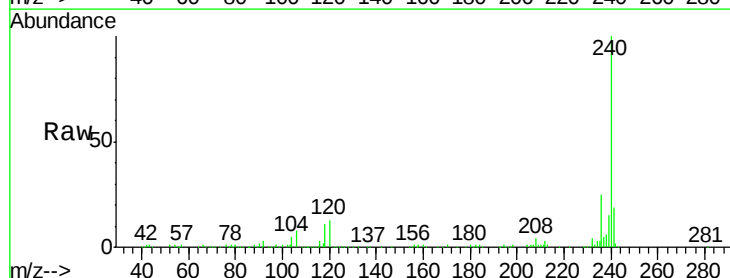
Tgt Ion:240 Resp: 268087

Ion Ratio Lower Upper

240 100

120 12.9 9.5 14.3

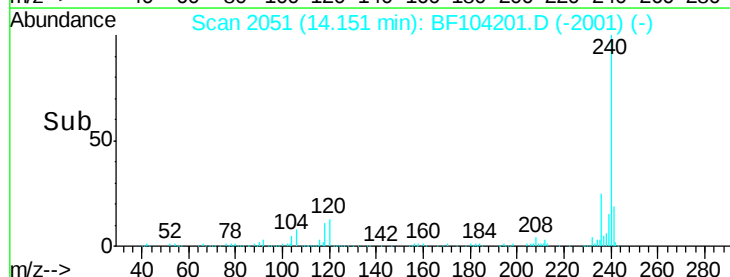
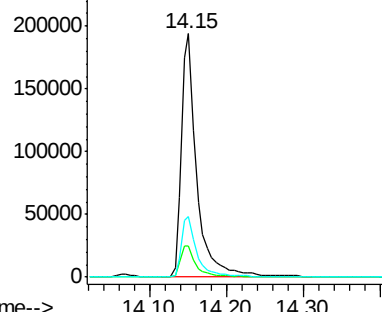
236 24.9 20.7 31.1

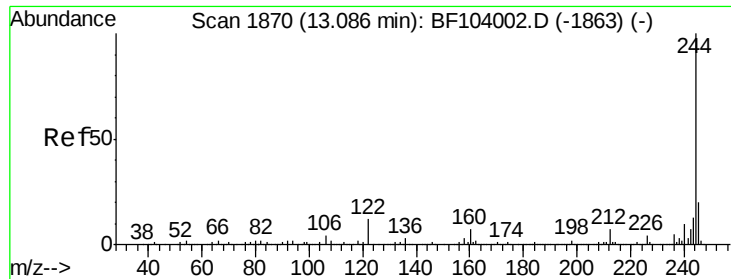


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 98.193 ng

RT: 13.08 min Scan# 1869

Delta R.T. 0.00 min

Lab File: BF104201.D

Acq: 4 Apr 2018 1:01

Instrument :

BNA_F

ClientSampleId :

6-WM-DIP-2-EW@4.5

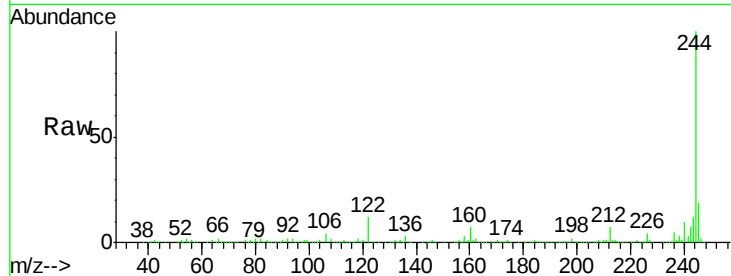
Tot Ion:244 Resp: 1140095

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

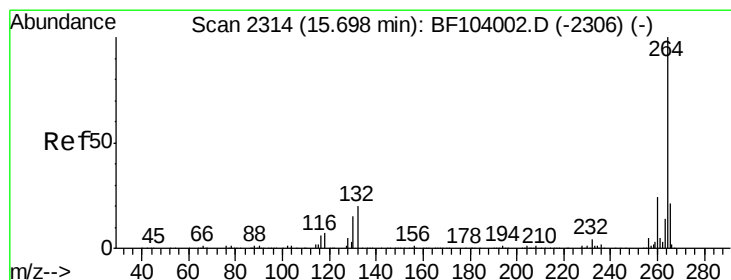
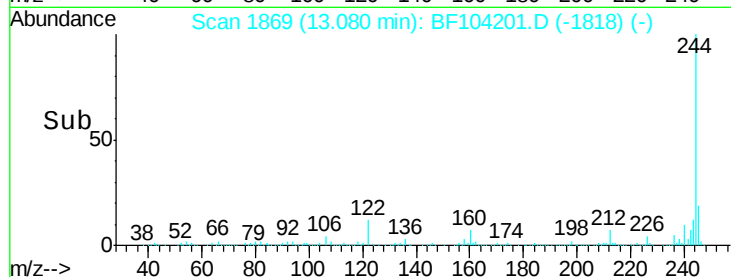
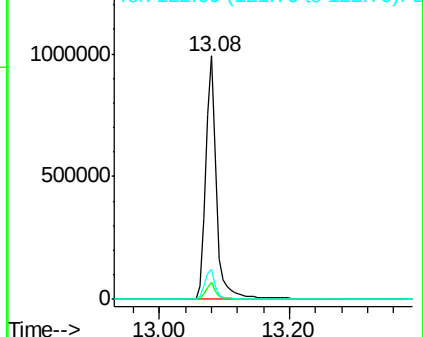
122 12.3 11.0 16.4



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: BF104201.D

Acq: 4 Apr 2018 1:01

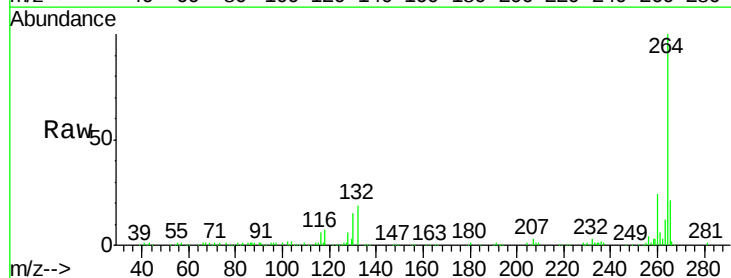
Tgt Ion:264 Resp: 219069

Ion Ratio Lower Upper

264 100

260 23.7 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

