

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
 Data File : BF104892.D
 Acq On : 27 Apr 2018 20:12
 Operator : JU/SJ
 Sample : J2564-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

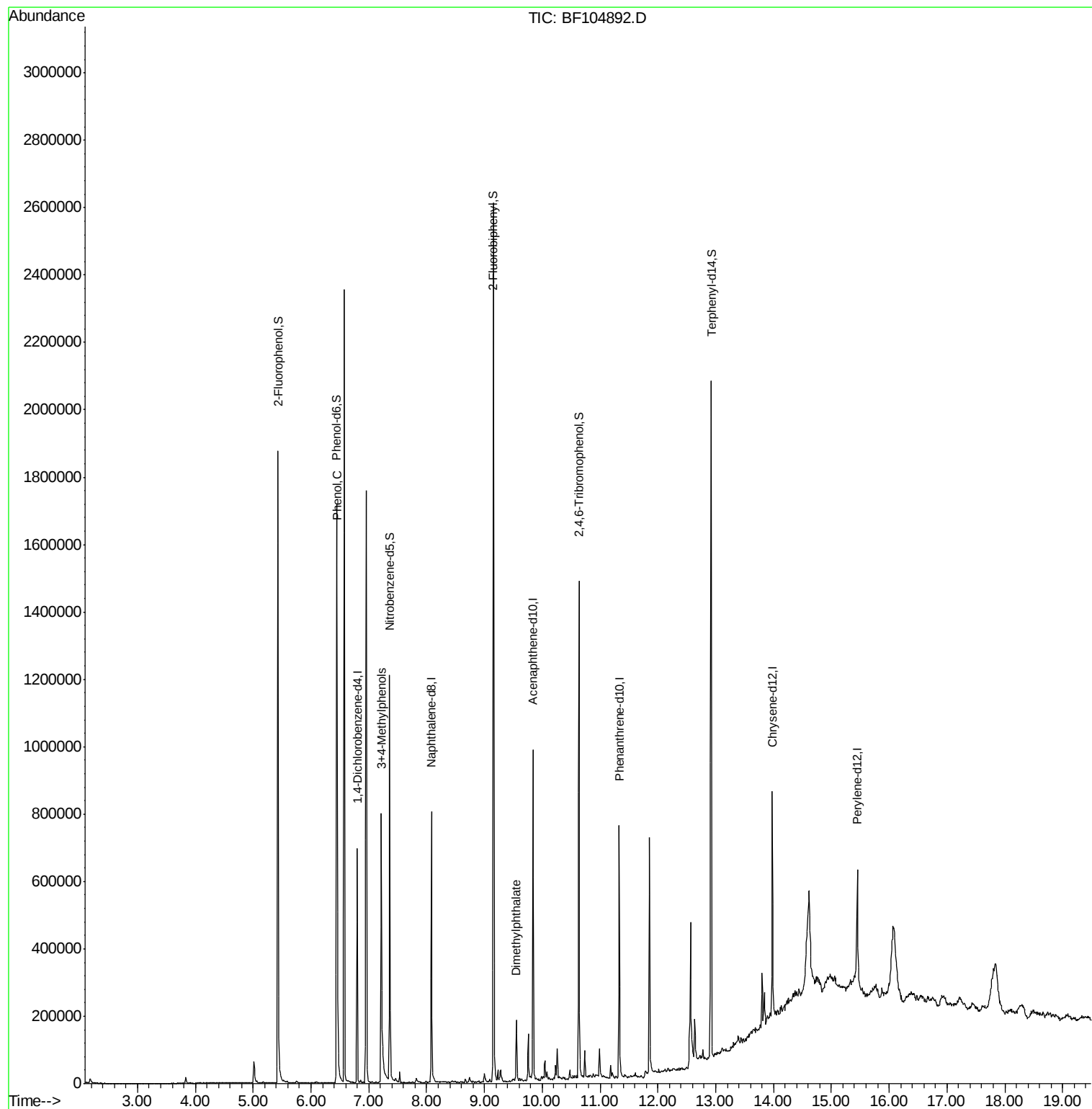
Quant Time: Apr 27 23:34:24 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 17:16:11 2018
 Response via : Initial Calibration

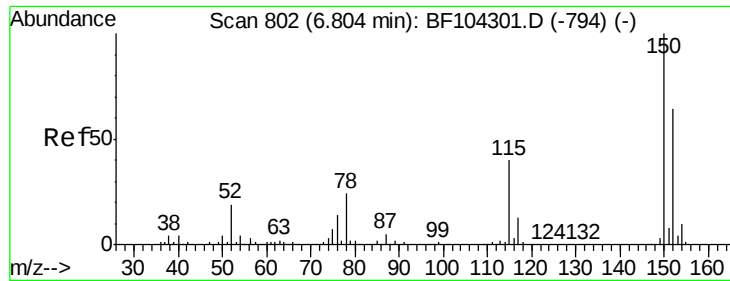
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	97089	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	400281	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	180165	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	297387	20.00	ng	0.00
75) Chrysene-d12	13.98	240	213341	20.00	ng	0.00
86) Perylene-d12	15.45	264	171084	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	622675	98.07	ng	0.02
7) Phenol-d6	6.45	99	753260	96.55	ng	0.00
23) Nitrobenzene-d5	7.36	82	448661	73.19	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	184430	98.68	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	860458	75.45	ng	0.00
78) Terphenyl-d14	12.92	244	697028	74.49	ng	0.00
Target Compounds						
10) Phenol	6.46	94	34235	4.136	ng	86
20) 3+4-Methylphenols	7.22	107	307764	42.597	ng	85
49) Dimethylphthalate	9.55	163	70012	4.928	ng	99

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

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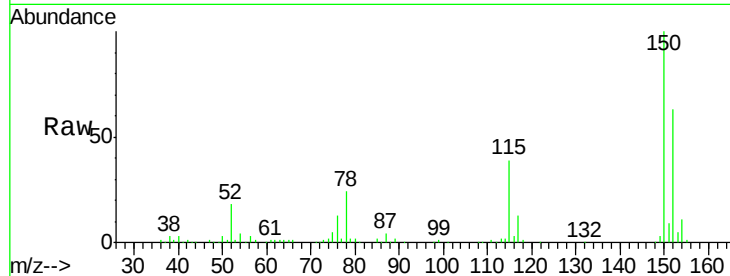




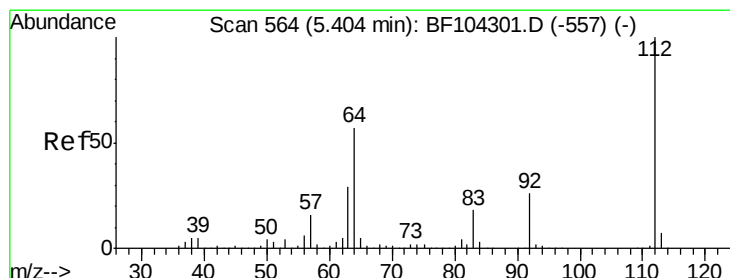
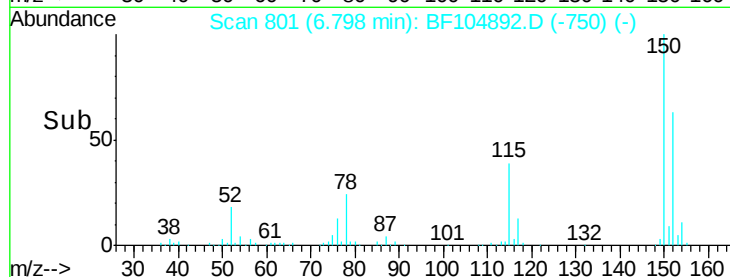
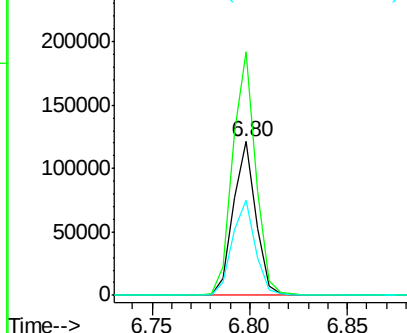
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF104892.D
Acq: 27 Apr 2018 20:12

Tot Ion:152 Resp: 97089
Ion Ratio Lower Upper
152 100
150 158.2 124.6 186.8
115 61.8 50.1 75.1



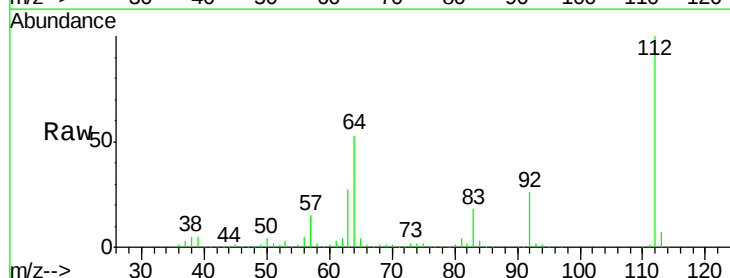
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



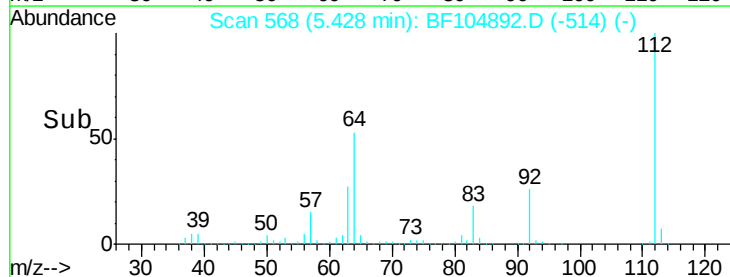
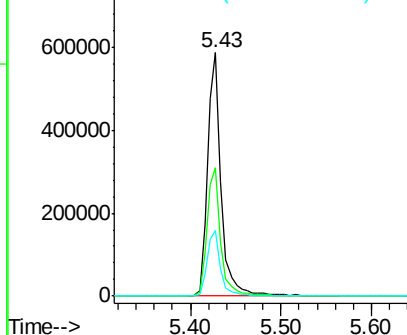
#5

2-Fluorophenol
Concen: 98.065 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF104892.D
Acq: 27 Apr 2018 20:12

Tgt Ion:112 Resp: 622675
Ion Ratio Lower Upper
112 100
64 52.8 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: 96.552 ng

RT: 6.45 min Scan# 741

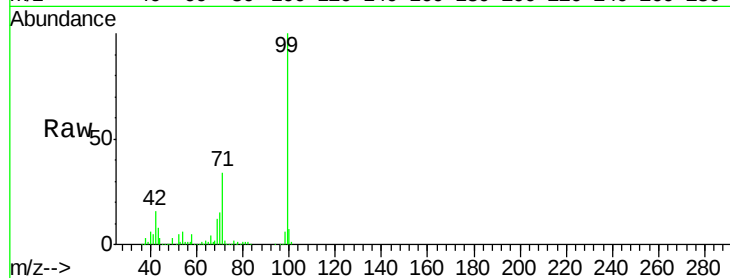
Delta R.T. 0.00 min

Lab File: BF104892.D

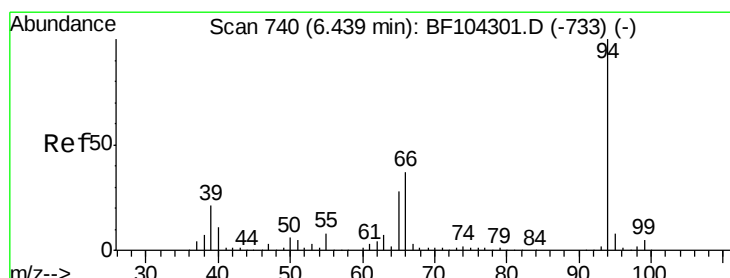
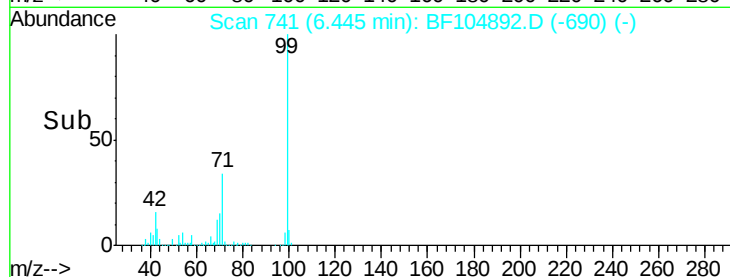
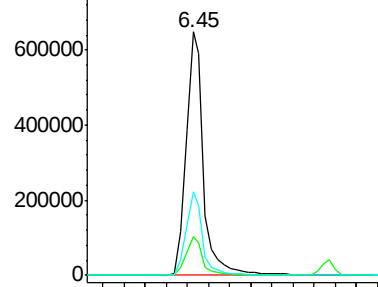
Acq: 27 Apr 2018 20:12

Tot Ion: 99 Resp: 753260

Ion	Ratio	Lower	Upper
99	100		
42	15.9	14.5	21.7
71	34.4	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: 4.136 ng

RT: 6.46 min Scan# 743

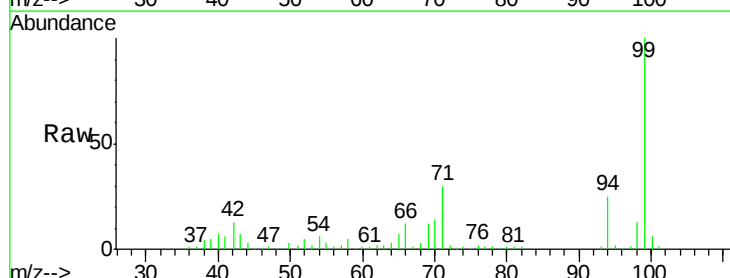
Delta R.T. 0.00 min

Lab File: BF104892.D

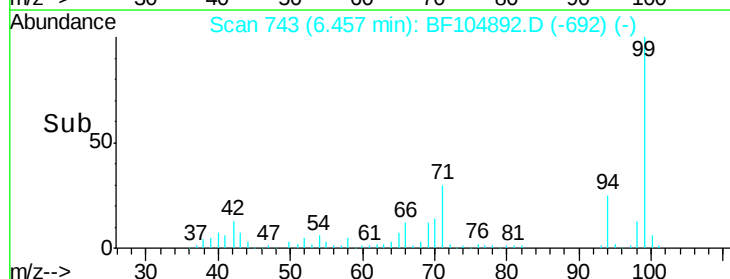
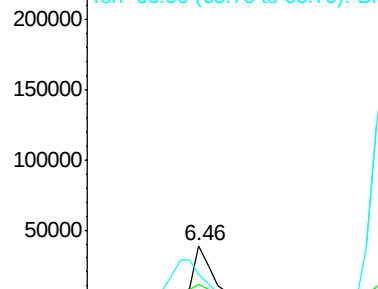
Acq: 27 Apr 2018 20:12

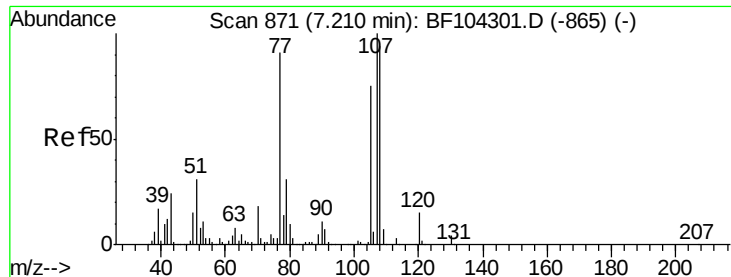
Tgt Ion: 94 Resp: 34235

Ion	Ratio	Lower	Upper
94	100		
65	29.9	7.9	47.9
66	49.0	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





#20

3+4-Methylphenols

Concen: 42.597 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF104892.D

Acq: 27 Apr 2018 20:12

Tot Ion:107 Resp: 307764

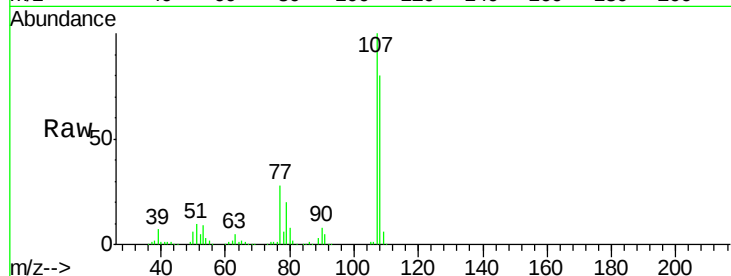
Ion Ratio Lower Upper

107 100

108 80.2 68.2 108.2

77 28.3 26.7 66.7

79 20.0 6.3 46.3

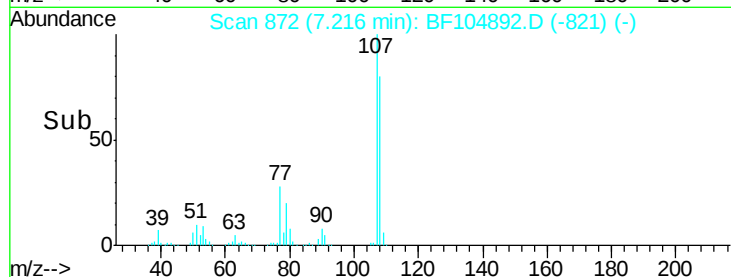


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Abundance

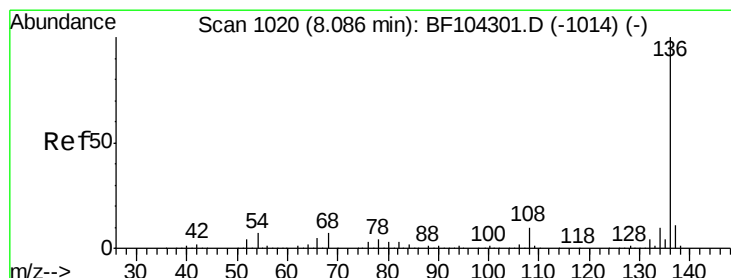
7.22

200000

100000

0

Time--> 7.10 7.20 7.30 7.40



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF104892.D

Acq: 27 Apr 2018 20:12

Tgt Ion:136 Resp: 400281

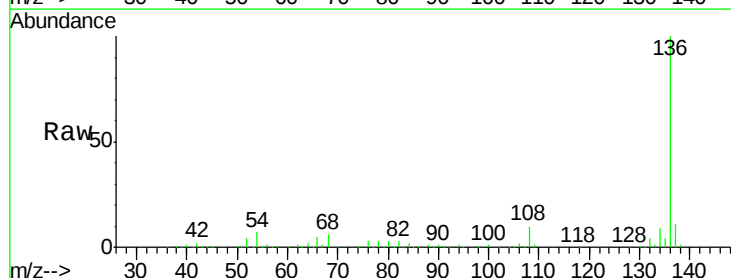
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 6.7 6.6 9.8

68 6.1 5.0 7.4

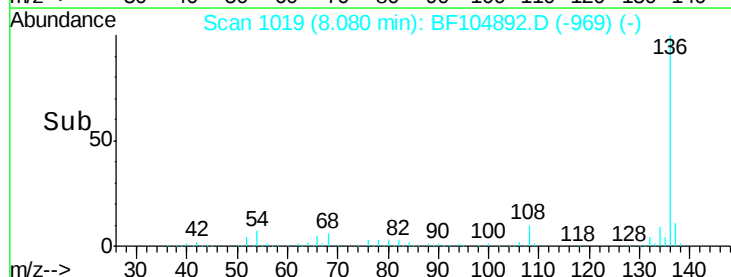


Abundance Ion 136.00 (135.70 to 136.70): E

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



Abundance

8.08

600000

500000

400000

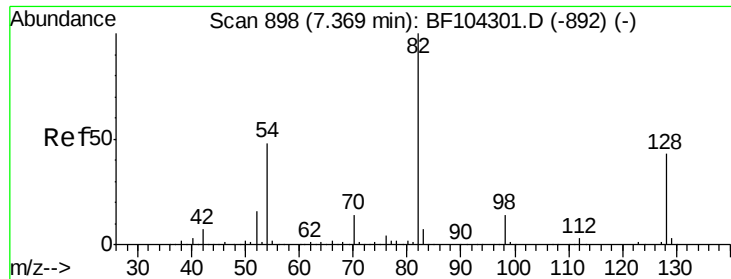
300000

200000

100000

0

Time--> 8.00 8.10 8.20 8.30



#23

Nitrobenzene-d5

Concen: 73.190 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF104892.D

Acq: 27 Apr 2018 20:12

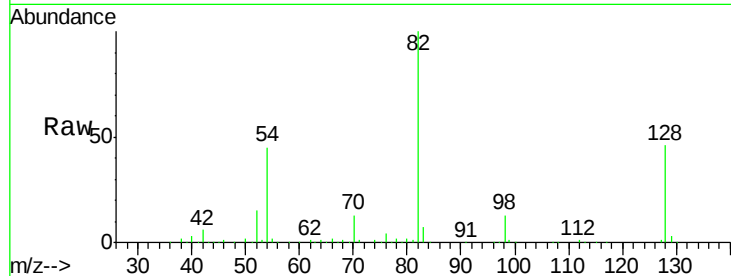
Tot Ion: 82 Resp: 448661

Ion Ratio Lower Upper

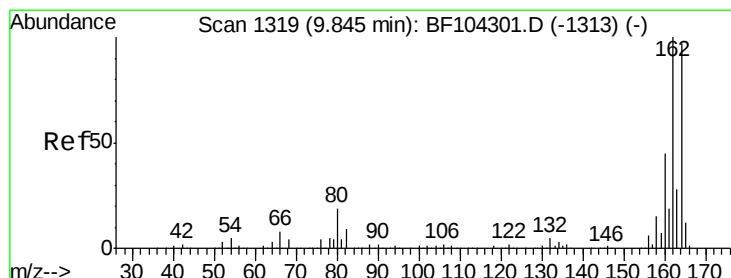
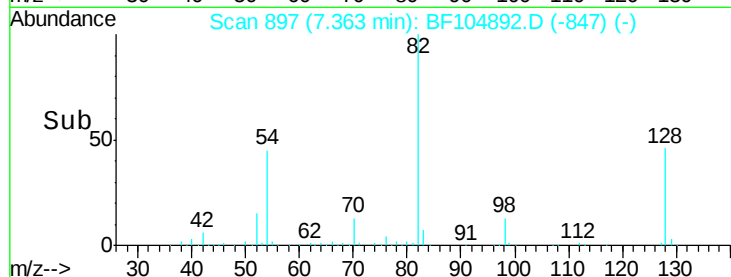
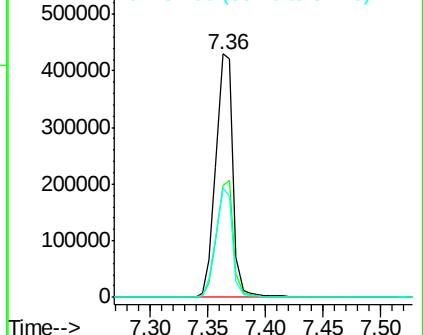
82 100

128 45.9 36.1 54.1

54 44.6 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: 9.84 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF104892.D

Acq: 27 Apr 2018 20:12

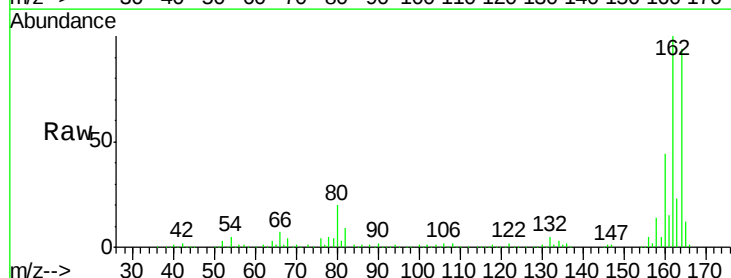
Tgt Ion:164 Resp: 180165

Ion Ratio Lower Upper

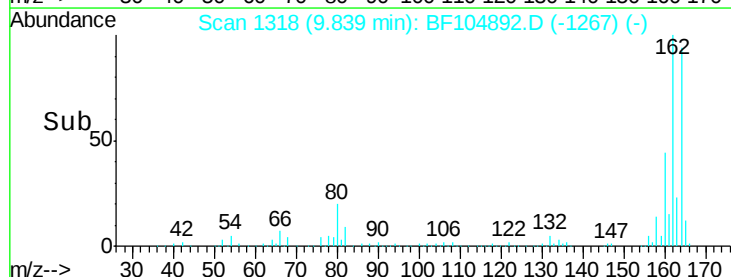
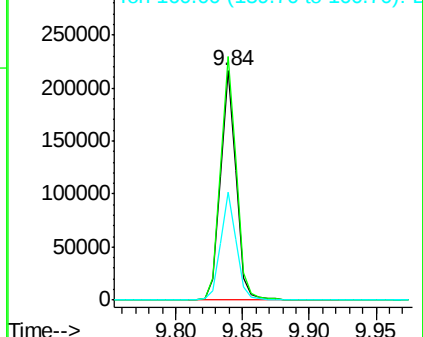
164 100

162 106.2 86.1 129.1

160 46.8 38.3 57.5



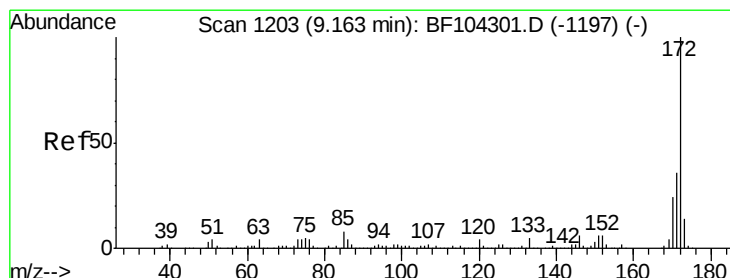
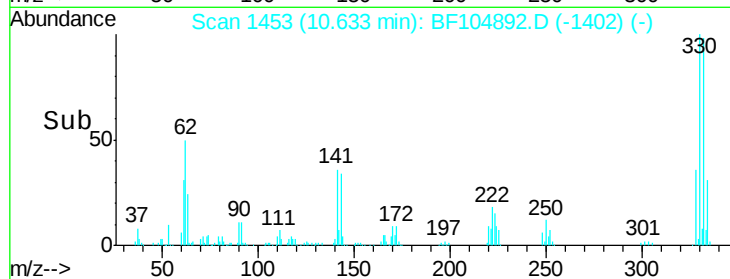
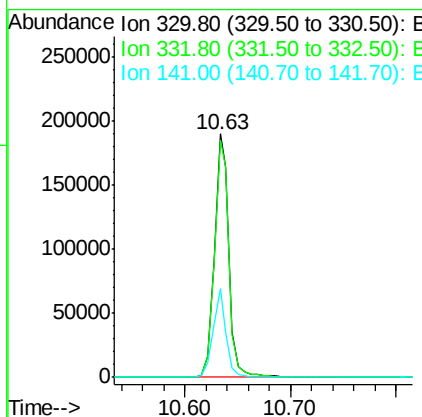
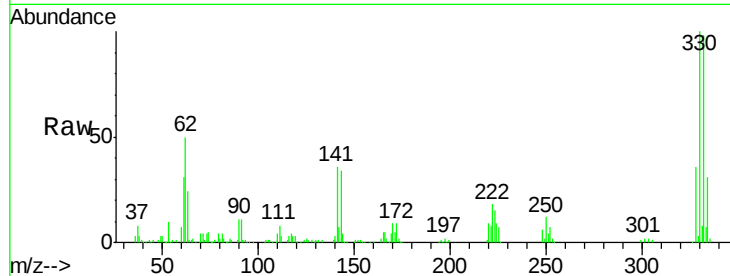
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





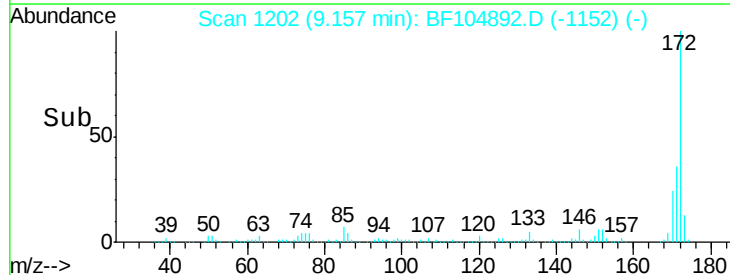
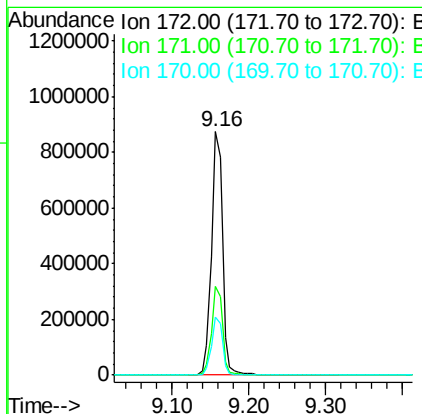
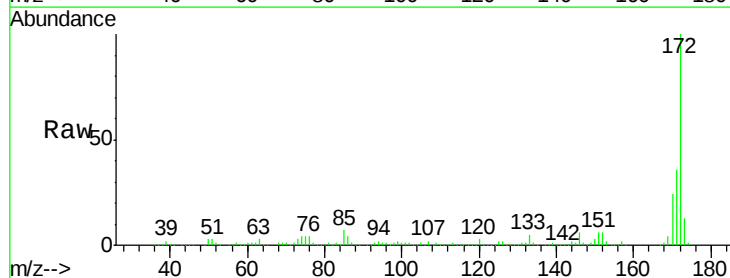
#41
 2,4,6-Tribromophenol
 Concen: 98.684 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.00 min
 Lab File: BF104892.D
 Acq: 27 Apr 2018 20:12

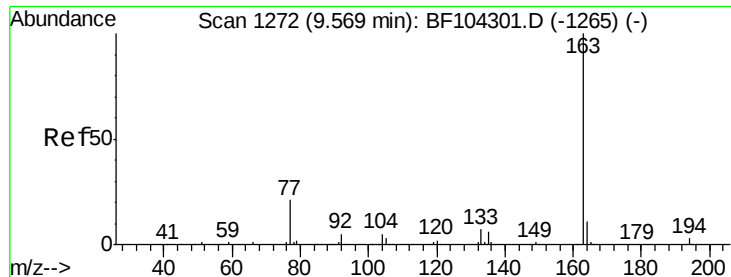
Tot Ion	330	Resp	184430
Ion Ratio	100		
Lower		77.0	
Upper		115.6	
332	97.7		
141	33.0	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 75.448 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF104892.D
 Acq: 27 Apr 2018 20:12

Tgt Ion	172	Resp	860458
Ion Ratio	100		
Lower		29.7	
Upper		44.5	
171	36.5		
170	24.1	19.6	29.4





#49

Dimethylphthalate

Concen: 4.928 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF104892.D

Acq: 27 Apr 2018 20:12

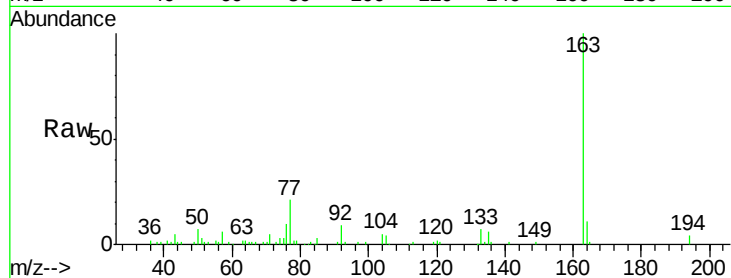
Tot Ion:163 Resp: 70012

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

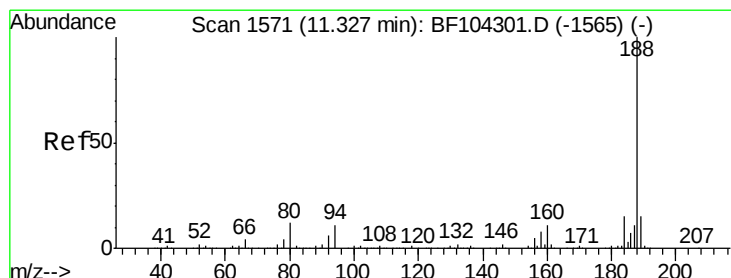
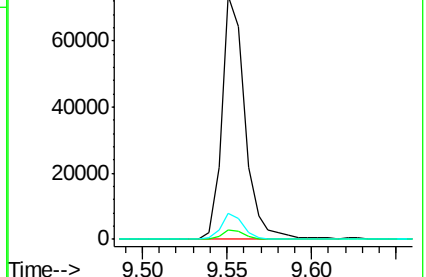
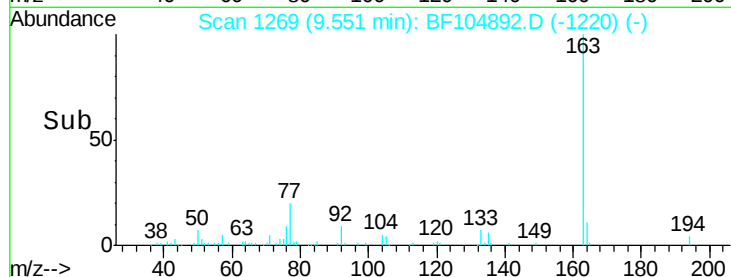
164 10.6 8.2 12.2



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: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF104892.D

Acq: 27 Apr 2018 20:12

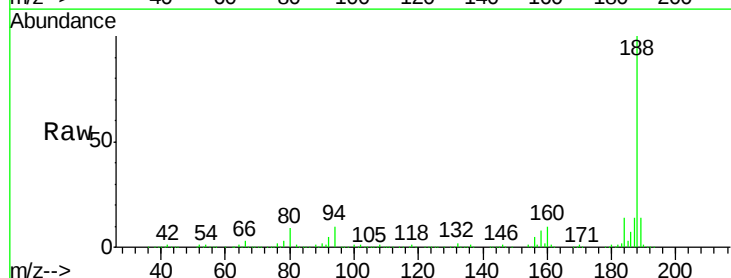
Tgt Ion:188 Resp: 297387

Ion Ratio Lower Upper

188 100

94 9.7 8.5 12.7

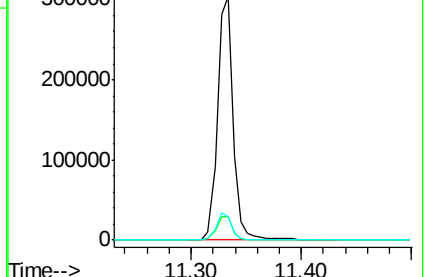
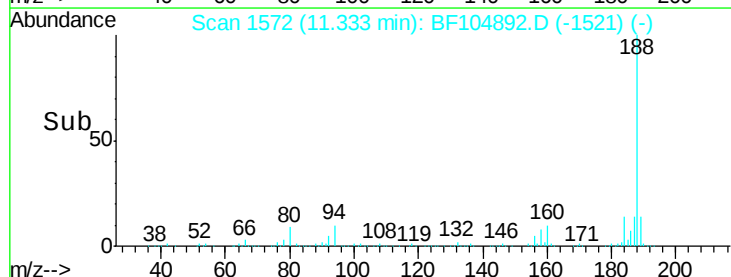
80 9.4 9.2 13.8

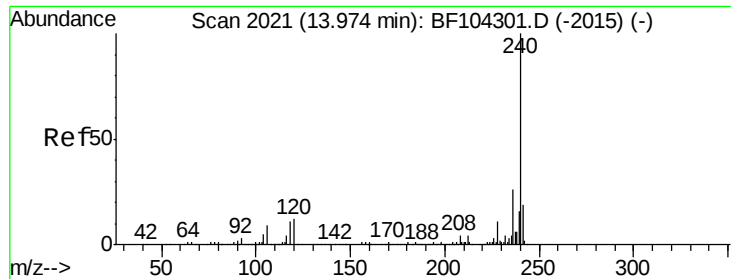


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF104892.D

Acq: 27 Apr 2018 20:12

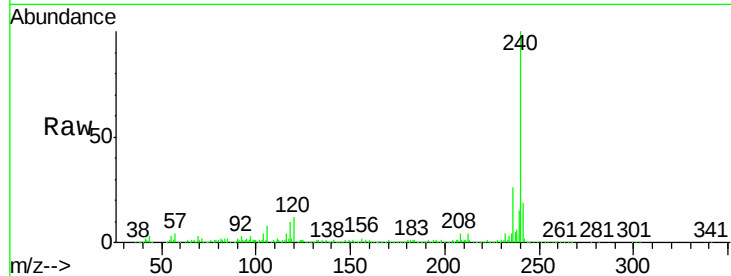
Tot Ion:240 Resp: 213341

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.5	14.3
236	25.7	20.7	31.1

240 100

120 11.7 9.5 14.3

236 25.7 20.7 31.1

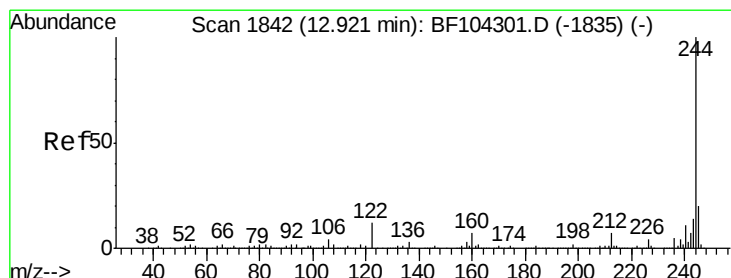
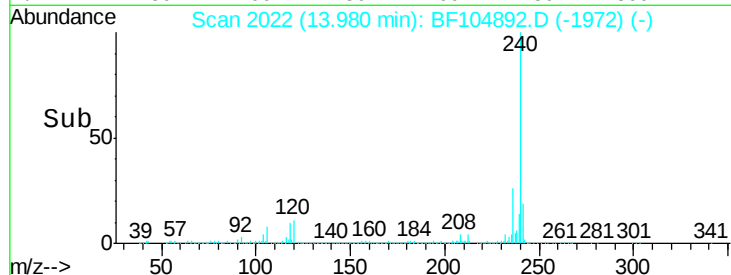


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->



#78

Terphenyl-d14

Concen: 74.487 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF104892.D

Acq: 27 Apr 2018 20:12

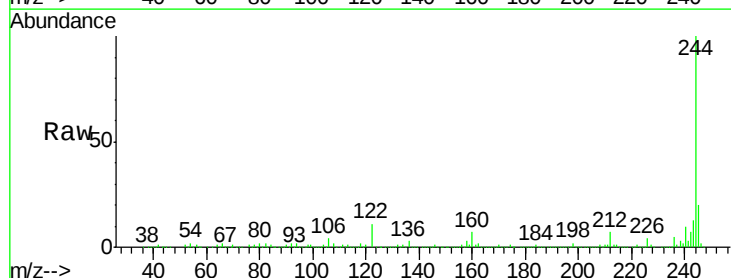
Tgt Ion:244 Resp: 697028

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.3	11.0	16.4

244 100

212 6.8 5.4 8.0

122 11.3 11.0 16.4

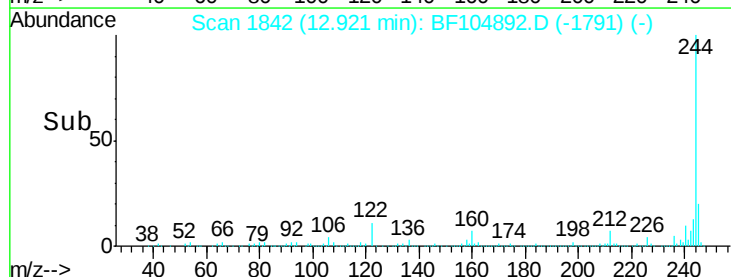


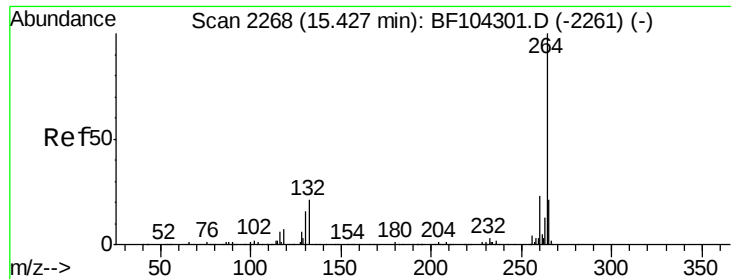
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

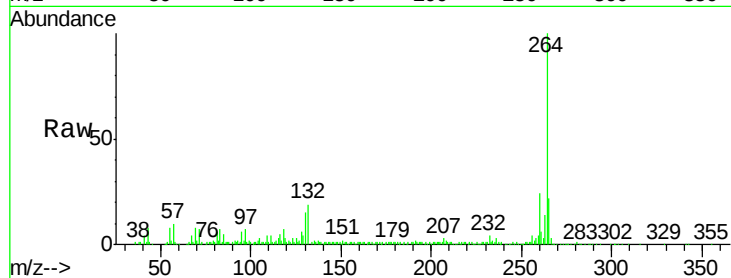
Time-->





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.00 min
Lab File: BF104892.D
Acq: 27 Apr 2018 20:12

Tot Ion:	264	Resp:	171084
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.3	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

