

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
 Data File : BF104890.D
 Acq On : 27 Apr 2018 19:18
 Operator : JU/SJ
 Sample : J2522-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

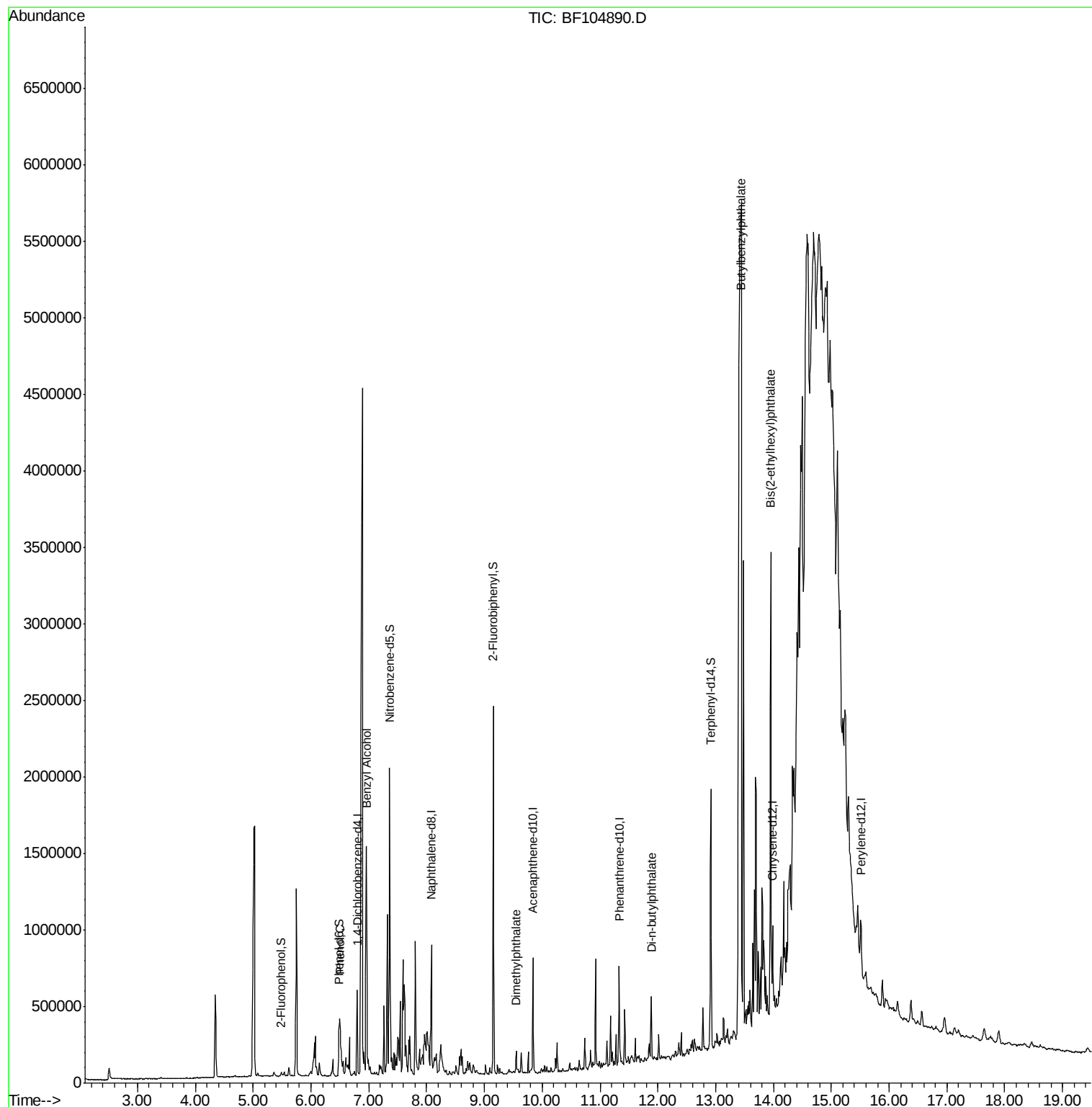
Quant Time: Apr 27 23:20:50 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 17:16:11 2018
 Response via : Initial Calibration

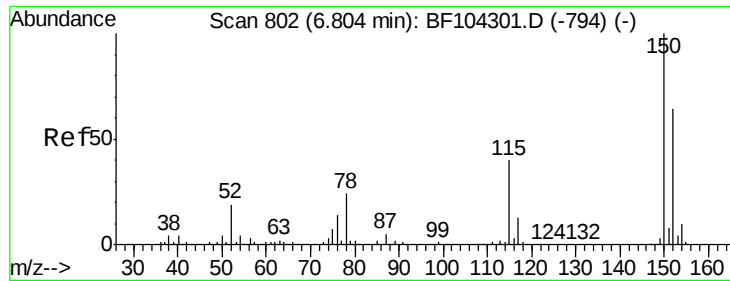
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	84029	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	340470	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	151488	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	227458	20.00	ng	0.00
75) Chrysene-d12	13.99	240	178607	20.00	ng	0.00
86) Perylene-d12	15.51	264	129495	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	14782	2.69	ng	0.08
7) Phenol-d6	6.48	99	191716	28.39	ng	0.04
23) Nitrobenzene-d5	7.36	82	329485	63.19	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	269	0.17	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	686560	71.60	ng	0.00
78) Terphenyl-d14	12.92	244	529023	67.53	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.50	94	169888	23.713	ng	97
15) Benzyl Alcohol	6.96	79	133435	26.019	ng	99
49) Dimethylphthalate	9.55	163	45886	3.841	ng	98
73) Di-n-butylphthalate	11.89	149	223259	14.526	ng	98
79) Butylbenzylphthalate	13.44	149	4095123	656.578	ng	92
83) Bis(2-ethylhexyl)phthalate	13.95	149	1115883	139.095	ng	98

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

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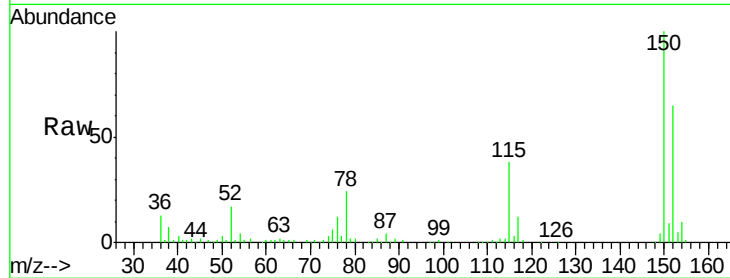




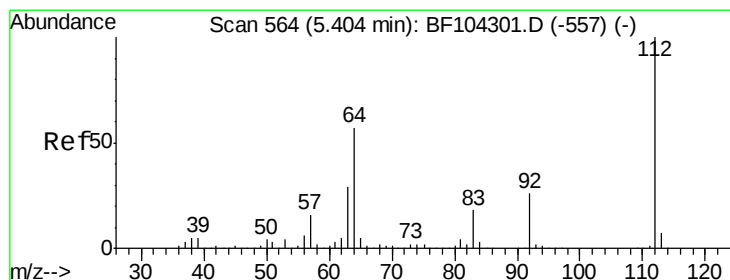
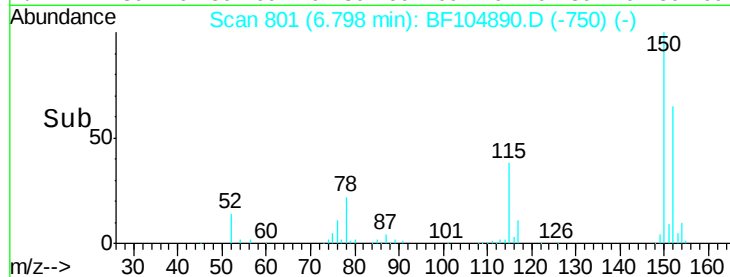
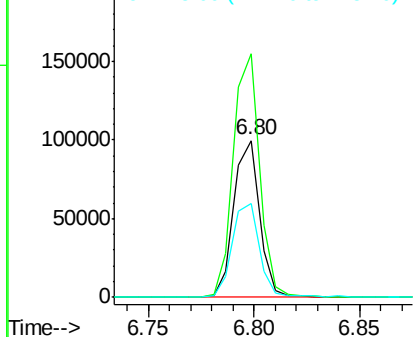
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF104890.D
Acq: 27 Apr 2018 19:18

Tot Ion:152 Resp: 84029
Ion Ratio Lower Upper
152 100
150 155.0 124.6 186.8
115 59.5 50.1 75.1



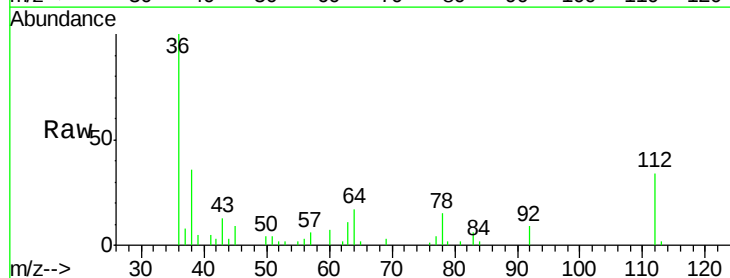
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



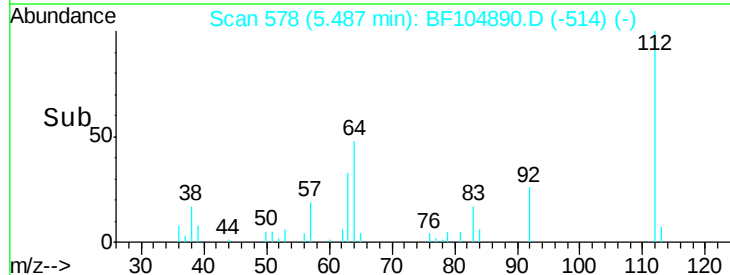
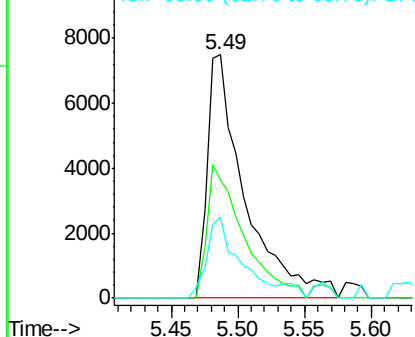
#5

2-Fluorophenol
Concen: 2.690 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.08 min
Lab File: BF104890.D
Acq: 27 Apr 2018 19:18

Tgt Ion:112 Resp: 14782
Ion Ratio Lower Upper
112 100
64 48.5 47.9 71.9
63 33.2 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: 28.393 ng

RT: 6.48 min Scan# 747

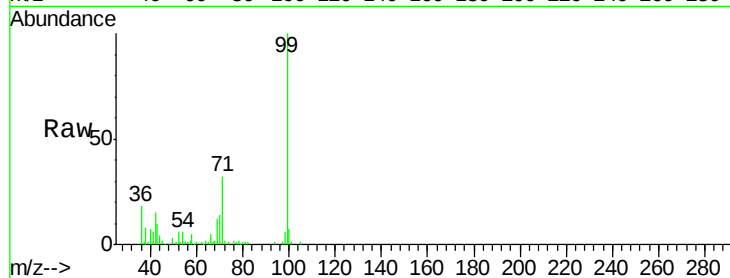
Delta R.T. 0.04 min

Lab File: BF104890.D

Acq: 27 Apr 2018 19:18

Tot Ion: 99 Resp: 191716

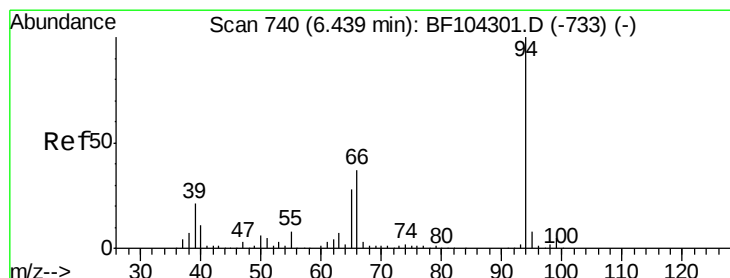
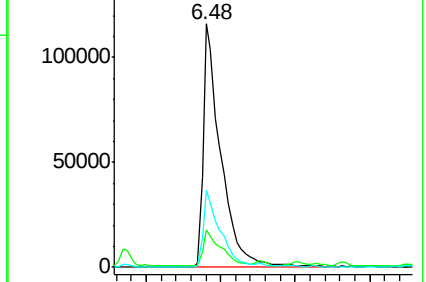
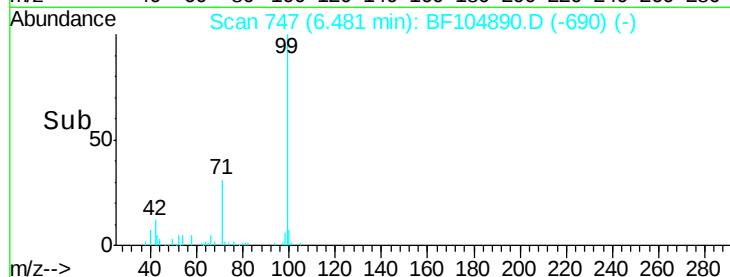
Ion	Ratio	Lower	Upper
99	100		
42	15.4	14.5	21.7
71	32.0	25.4	38.0



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: 23.713 ng

RT: 6.50 min Scan# 750

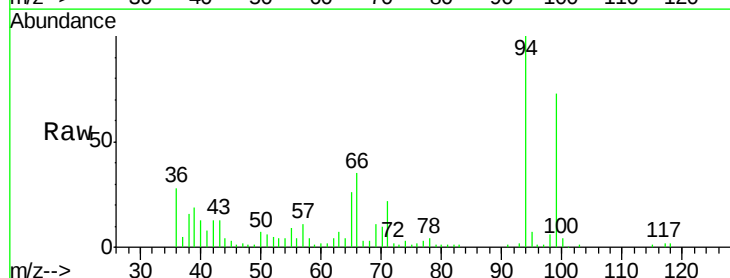
Delta R.T. 0.04 min

Lab File: BF104890.D

Acq: 27 Apr 2018 19:18

Tgt Ion: 94 Resp: 169888

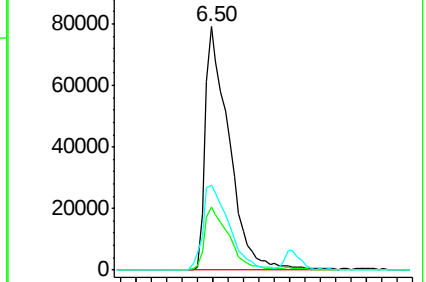
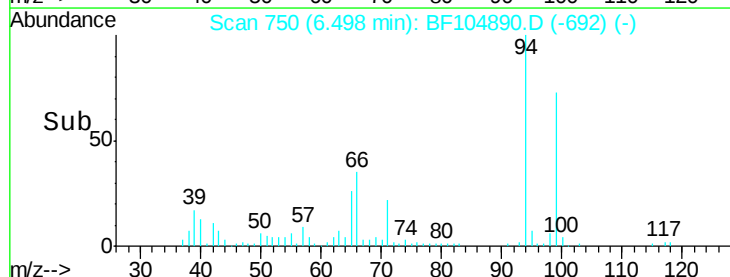
Ion	Ratio	Lower	Upper
94	100		
65	25.9	7.9	47.9
66	34.9	16.2	56.2

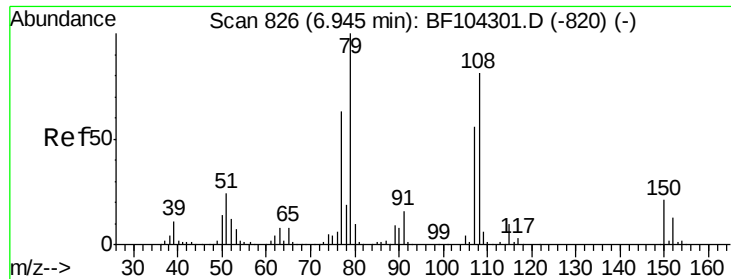


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#15

Benzyl Alcohol

Concen: 26.019 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.02 min

Lab File: BF104890.D

Acq: 27 Apr 2018 19:18

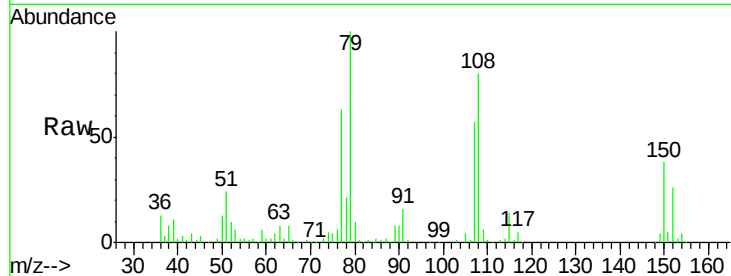
Tot Ion: 79 Resp: 133435

Ion Ratio Lower Upper

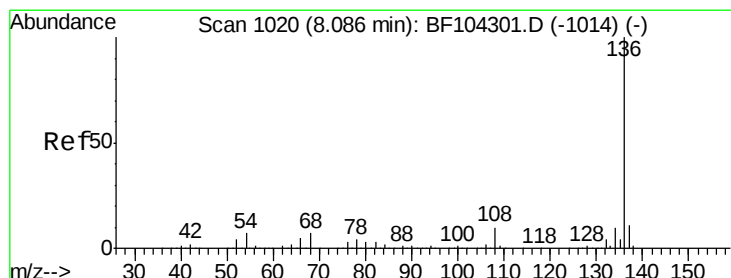
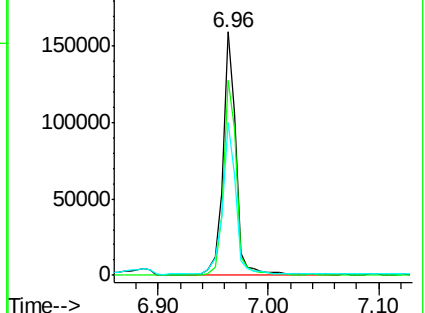
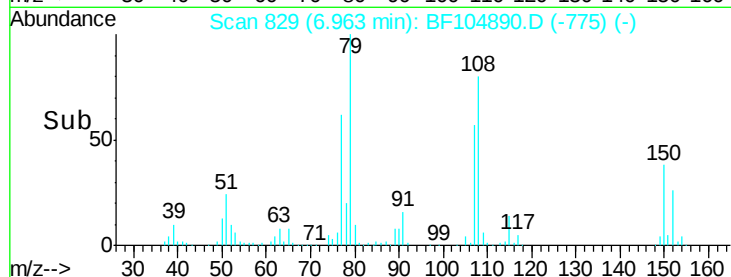
79 100

108 80.0 65.1 97.7

77 63.0 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF104890.D

Acq: 27 Apr 2018 19:18

Tgt Ion: 136 Resp: 340470

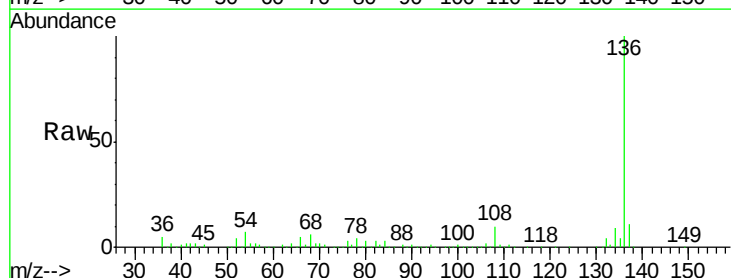
Ion Ratio Lower Upper

136 100

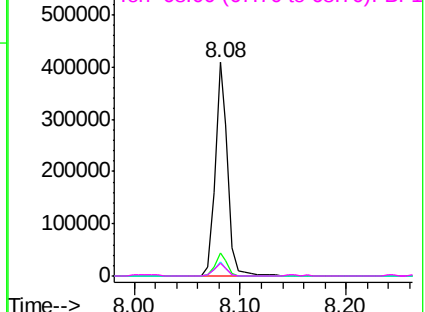
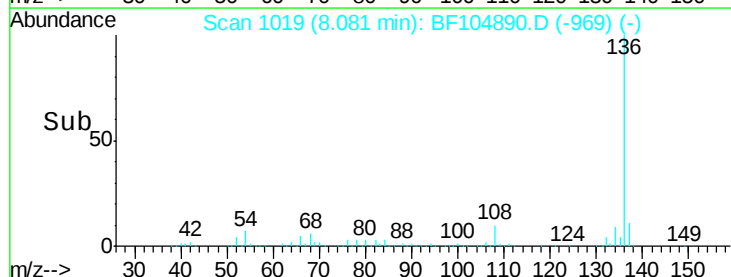
137 10.9 8.9 13.3

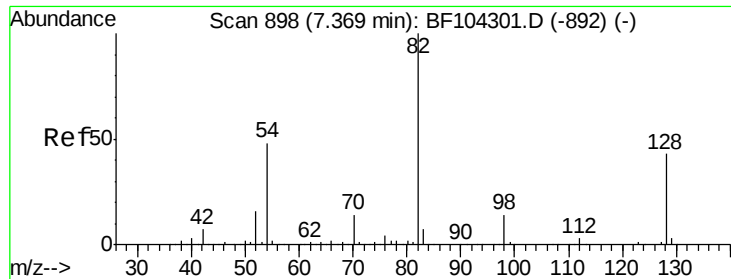
54 6.7 6.6 9.8

68 5.9 5.0 7.4



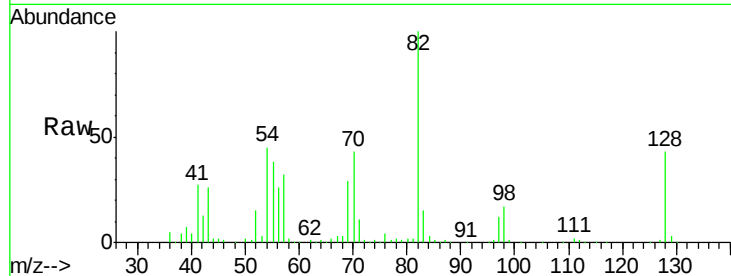
Abundance Ion 136.00 (135.70 to 136.70): BF1
Ion 137.00 (136.70 to 137.70): BF1
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



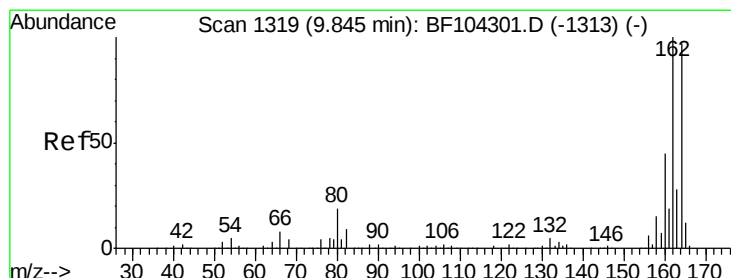
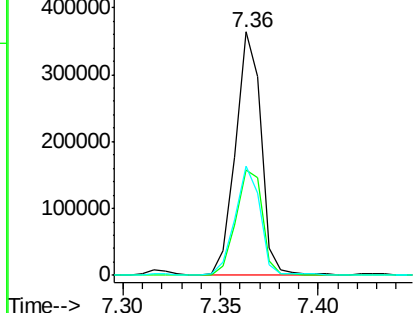
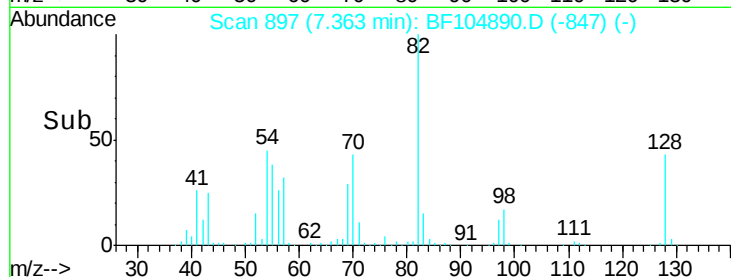


#23
 Nitrobenzene-d5
 Concen: 63.191 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF104890.D
 Acq: 27 Apr 2018 19:18

Tot Ion	82	Resp	329485
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
54	45.0	41.4	62.2

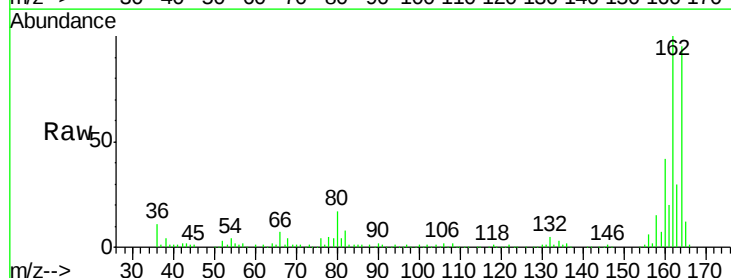


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

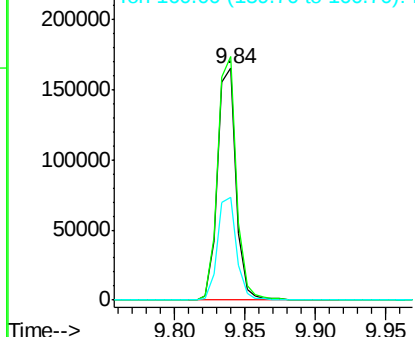
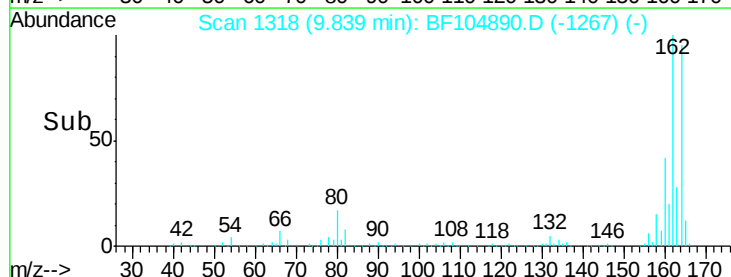


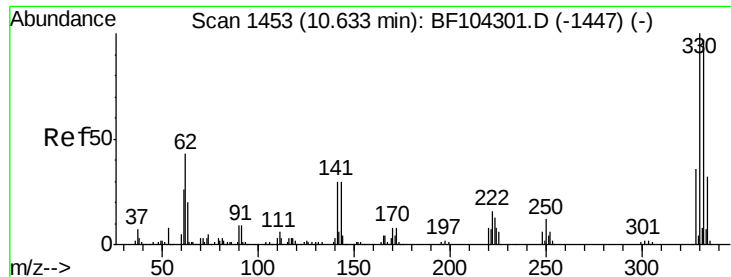
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: BF104890.D
 Acq: 27 Apr 2018 19:18

Tgt Ion	164	Resp	151488
Ion Ratio	100		
Lower	86.1		
Upper	129.1		
162	105.2	38.3	57.5



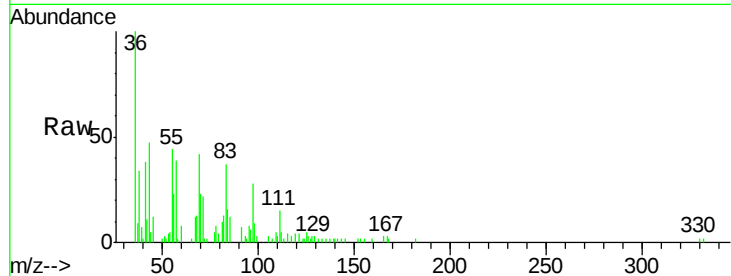
Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1



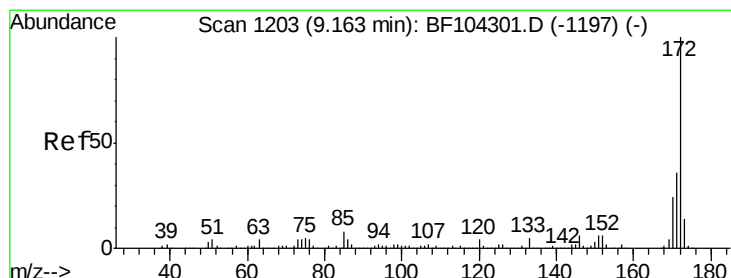
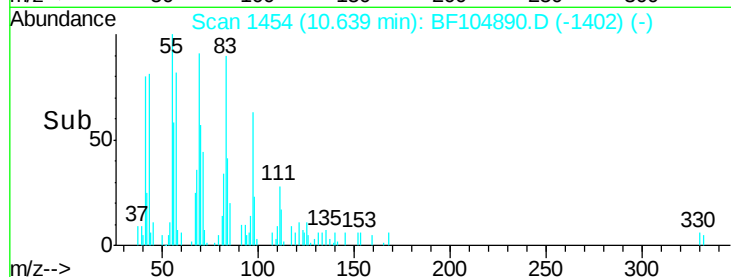
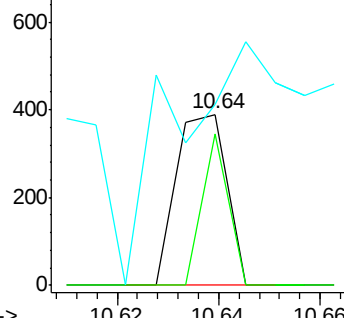


#41
 2,4,6-Tribromophenol
 Concen: 0.171 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.01 min
 Lab File: BF104890.D
 Acq: 27 Apr 2018 19:18

Tot Ion	Ratio	Lower	Upper
330	100		
332	45.0	77.0	115.6#
141	546.1	29.9	44.9#

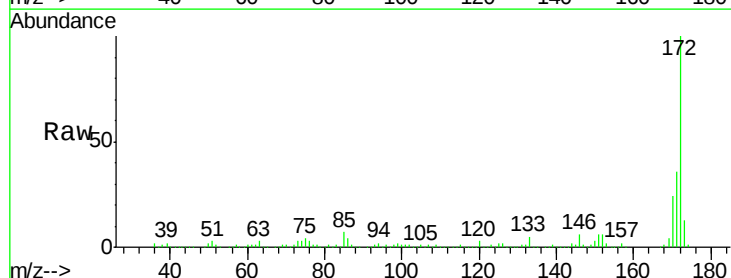


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

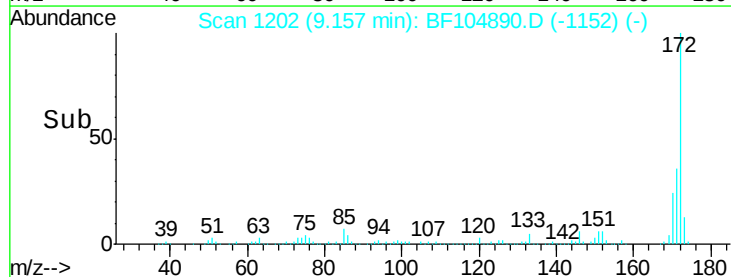
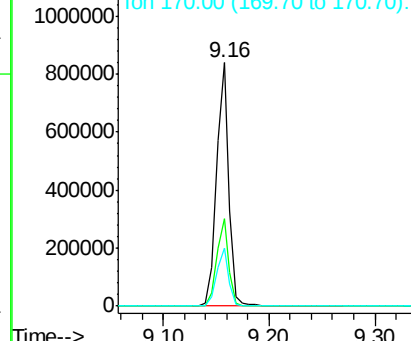


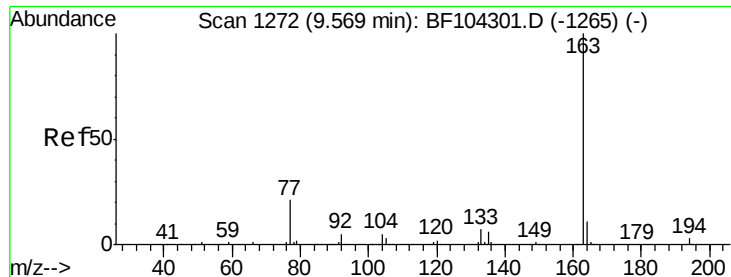
#44
 2-Fluorobiphenyl
 Concen: 71.596 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF104890.D
 Acq: 27 Apr 2018 19:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.6	19.6	29.4



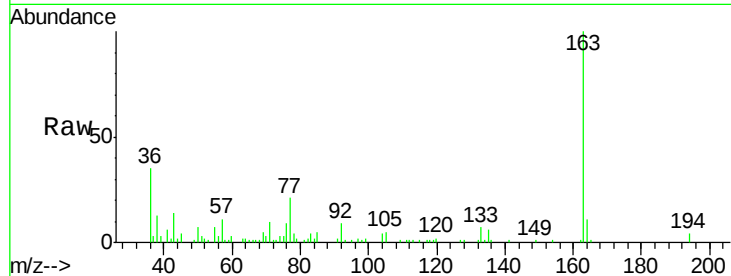
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



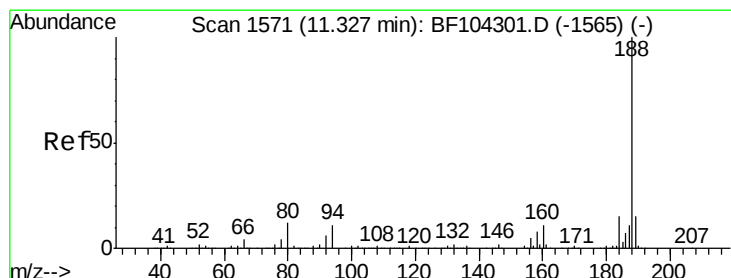
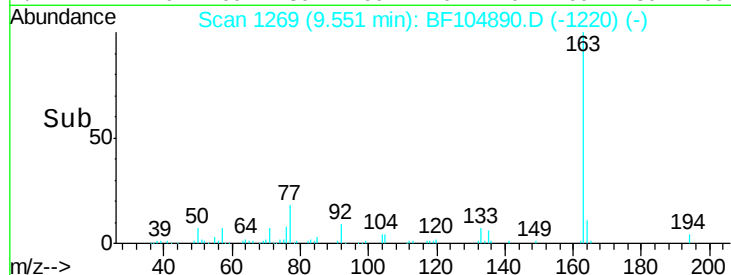
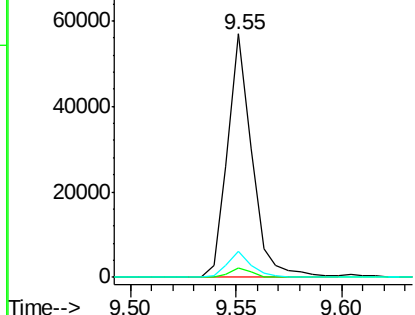


#49
Dimethylphthalate
Concen: 3.841 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF104890.D
Acq: 27 Apr 2018 19:18

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.7	8.2	12.2

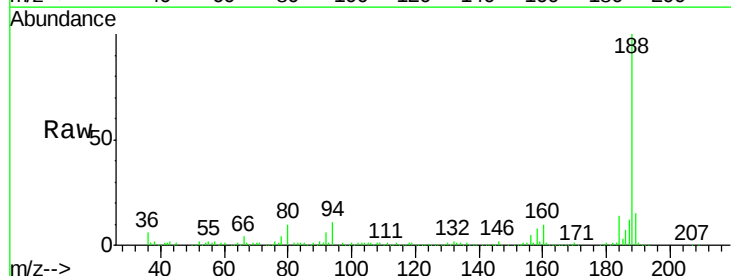


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

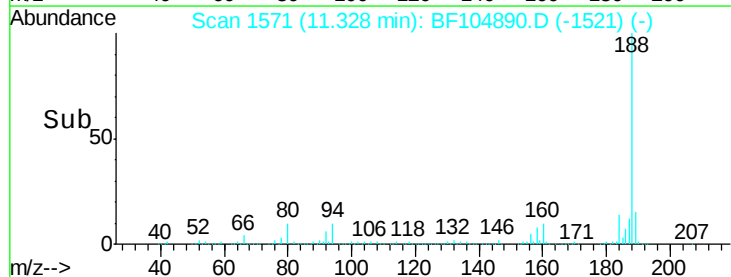
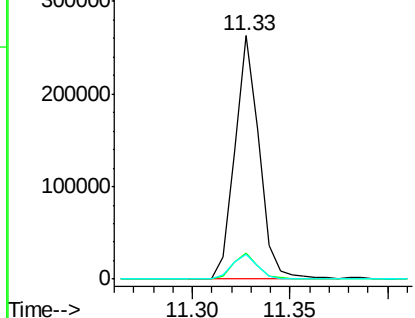


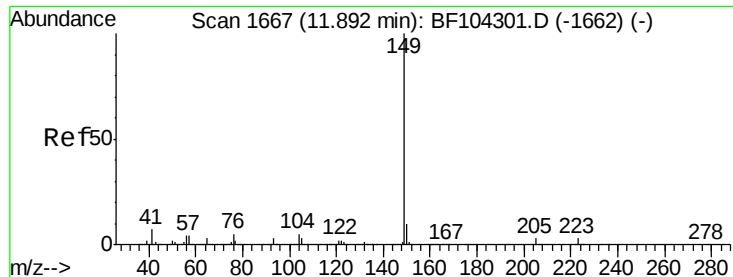
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF104890.D
Acq: 27 Apr 2018 19:18

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	10.3	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





#73

Di-n-butylphthalate

Concen: 14.526 ng

RT: 11.89 min Scan# 1666

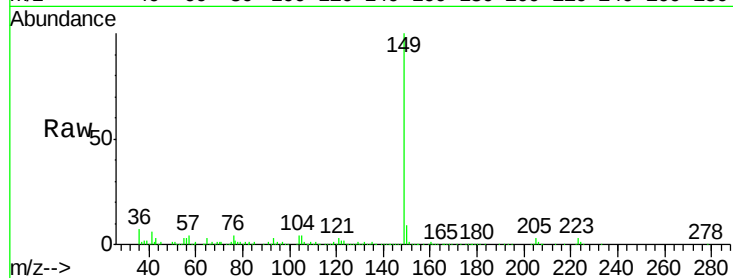
Delta R.T. 0.00 min

Lab File: BF104890.D

Acq: 27 Apr 2018 19:18

Tot Ion:149 Resp: 223259

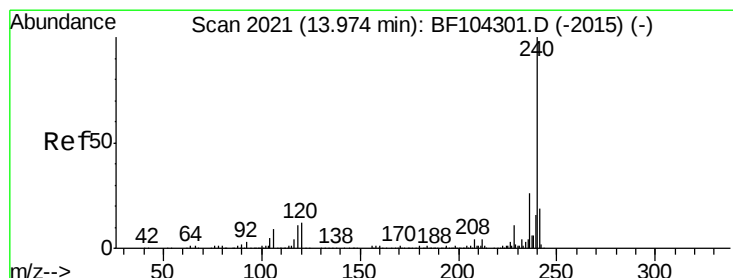
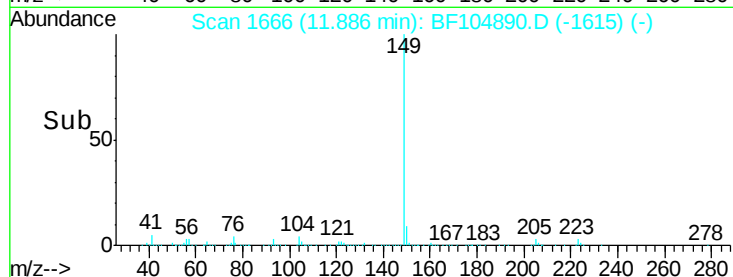
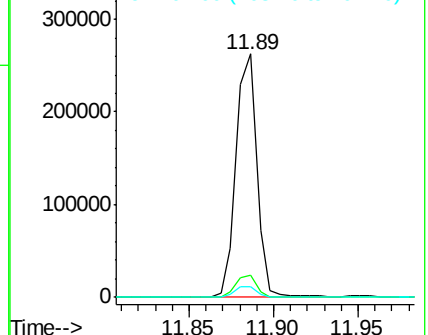
Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.8	11.6
104	4.4	3.8	5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

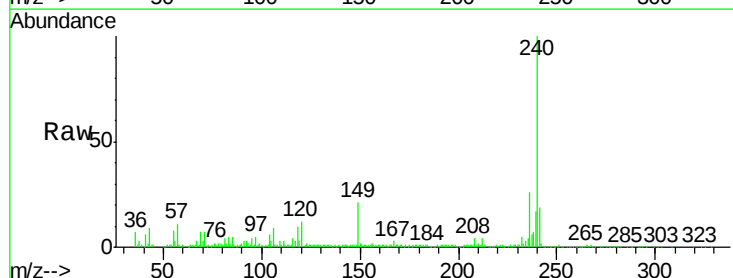
Delta R.T. 0.00 min

Lab File: BF104890.D

Acq: 27 Apr 2018 19:18

Tgt Ion:240 Resp: 178607

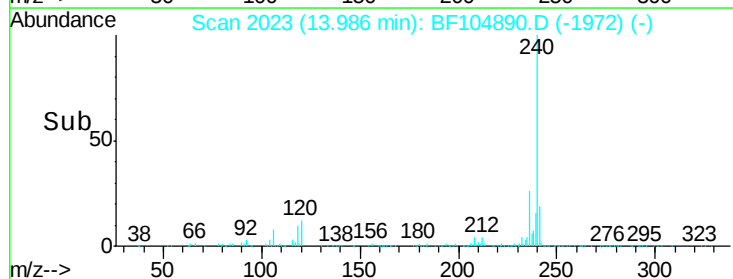
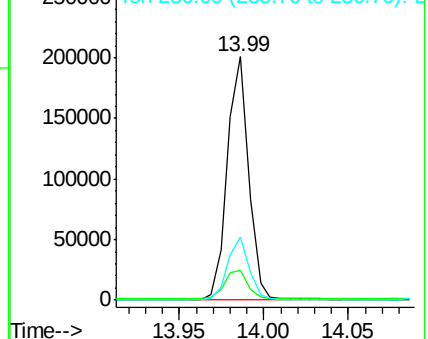
Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.5	14.3
236	25.7	20.7	31.1

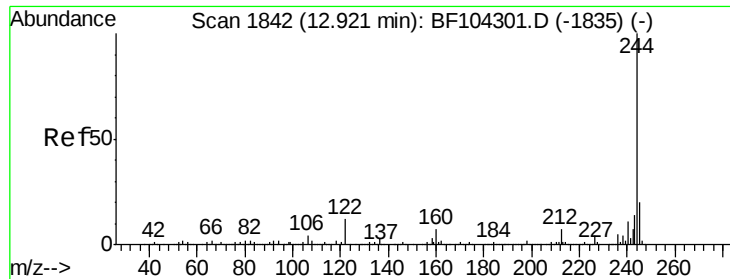


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 67.527 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF104890.D

Acq: 27 Apr 2018 19:18

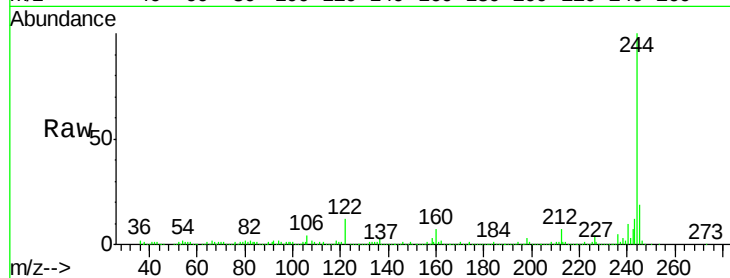
Tot Ion:244 Resp: 529023

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

122 12.2 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

12.92

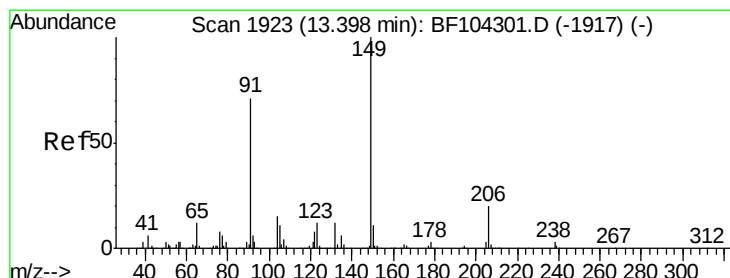
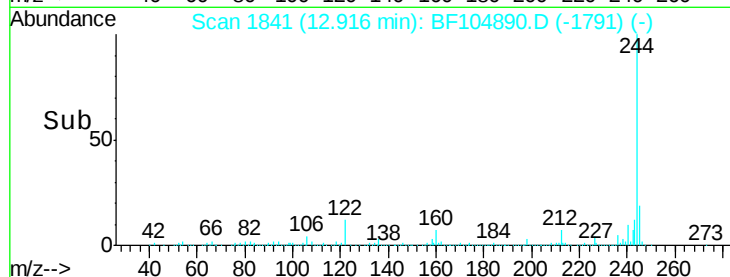
600000

400000

200000

0

Time-->



#79

Butylbenzylphthalate

Concen: 656.578 ng

RT: 13.44 min Scan# 1930

Delta R.T. 0.05 min

Lab File: BF104890.D

Acq: 27 Apr 2018 19:18

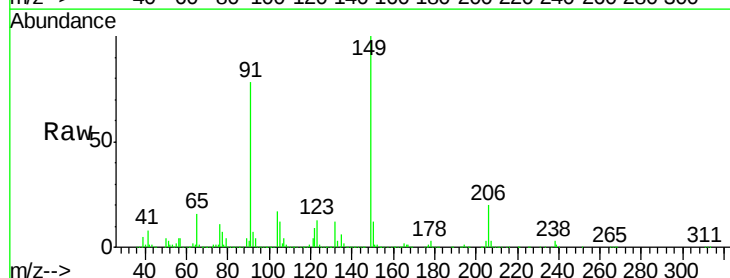
Tgt Ion:149 Resp: 4095123

Ion Ratio Lower Upper

149 100

91 77.9 56.8 85.2

206 19.8 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

13.44

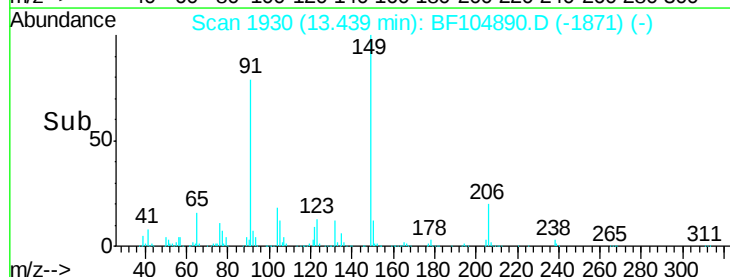
1500000

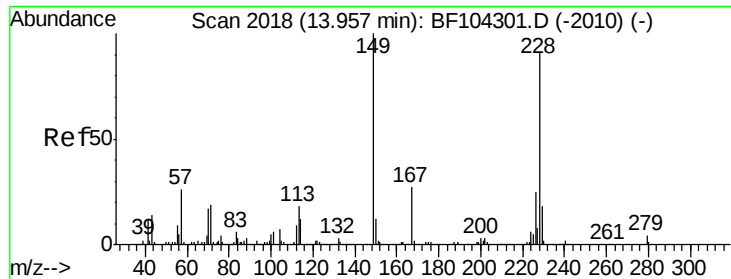
1000000

500000

0

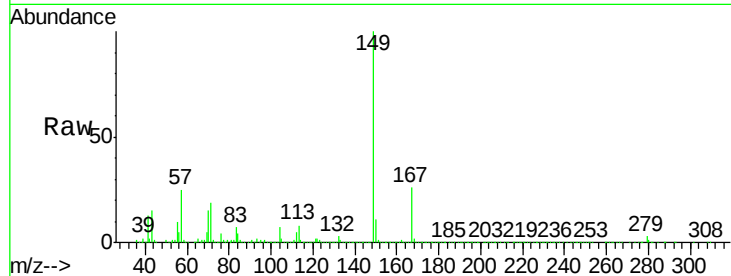
Time-->



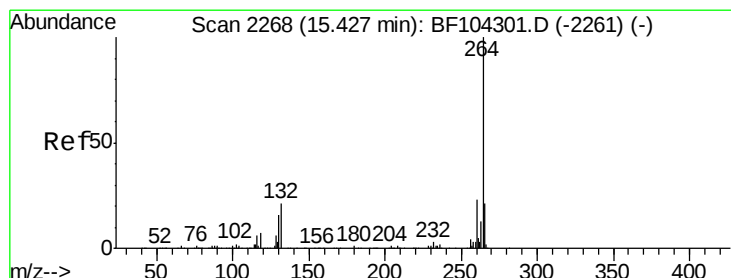
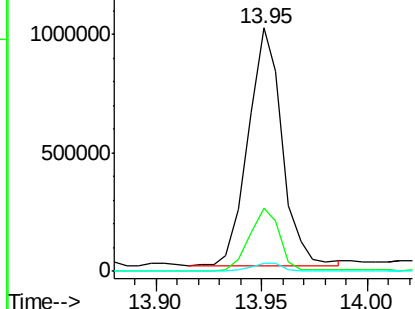
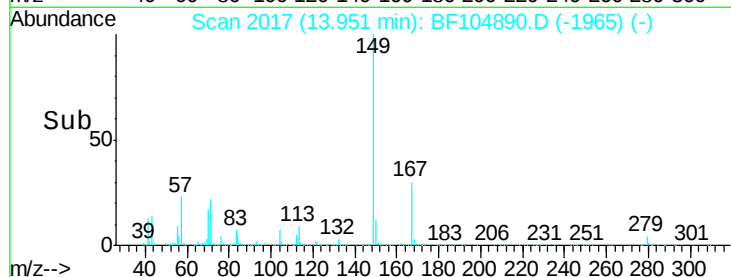


#83
Bis(2-ethylhexyl)phthalate
Concen: 139.095 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF104890.D
Acq: 27 Apr 2018 19:18

Tot Ion:149 Resp: 1115883
Ion Ratio Lower Upper
149 100
167 25.7 21.3 31.9
279 3.4 3.0 4.4

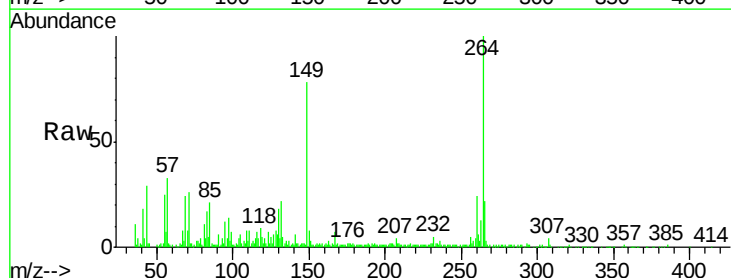


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.06 min
Lab File: BF104890.D
Acq: 27 Apr 2018 19:18

Tgt Ion:264 Resp: 129495
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 22.2 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

