

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
 Data File : BF104894.D
 Acq On : 27 Apr 2018 21:05
 Operator : JU/SJ
 Sample : J2522-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

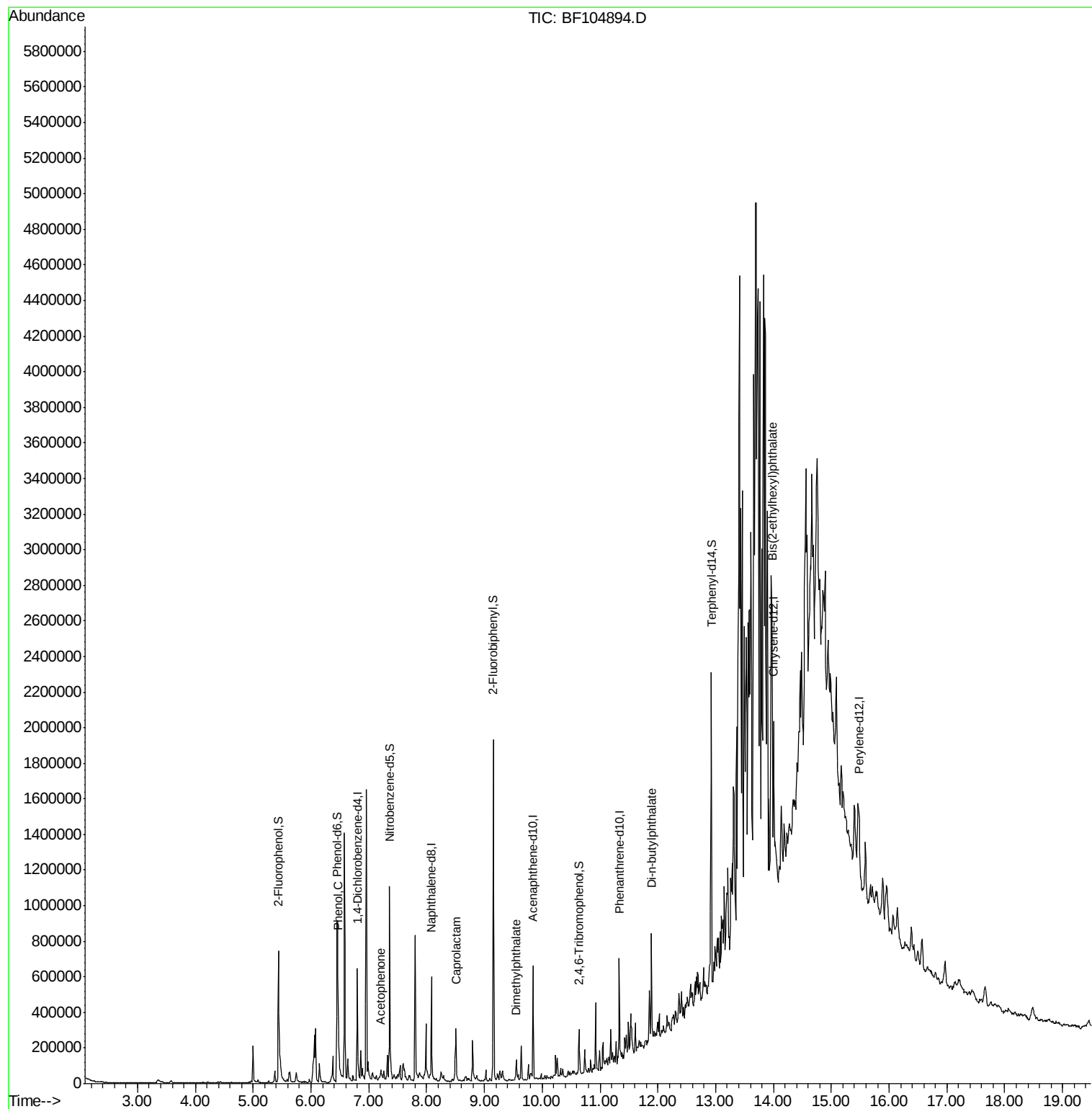
Quant Time: Apr 28 03:41:53 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 17:16:11 2018
 Response via : Initial Calibration

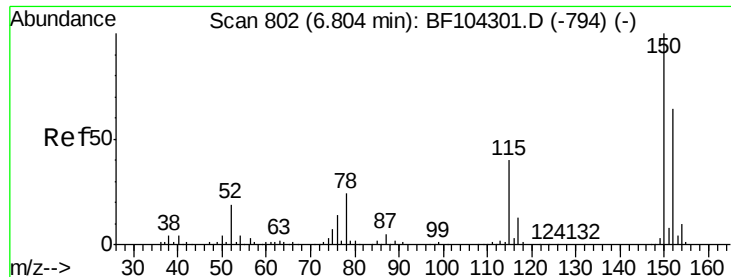
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	81890	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	281068	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	108128	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	214437	20.00	ng	0.00
75) Chrysene-d12	14.00	240	188033	20.00	ng	0.02
86) Perylene-d12	15.48	264	128584	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	357848	66.82	ng	0.02
7) Phenol-d6	6.46	99	556219	84.53	ng	0.01
23) Nitrobenzene-d5	7.36	82	322054	74.82	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	27553	24.56	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	539548	78.83	ng	0.00
78) Terphenyl-d14	12.92	244	598680	72.59	ng	0.00
Target Compounds						
10) Phenol	6.47	94	29990	4.295	ng	# 69
22) Acetophenone	7.21	105	15602	2.255	ng	# 90
35) Caprolactam	8.50	113	42406	31.715	ng	# 81
49) Dimethylphthalate	9.55	163	35402	4.152	ng	99
73) Di-n-butylphthalate	11.89	149	304654	21.025	ng	100
83) Bis(2-ethylhexyl)phthalate	13.97	149	1283257	151.940	ng	# 59

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

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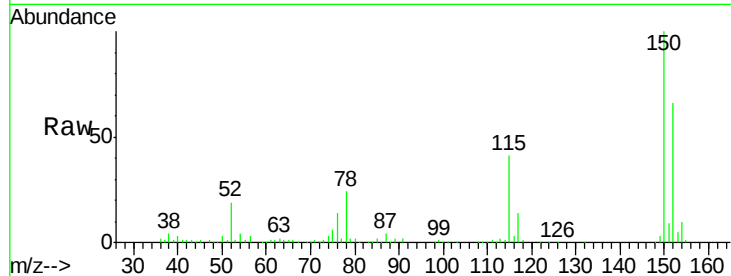




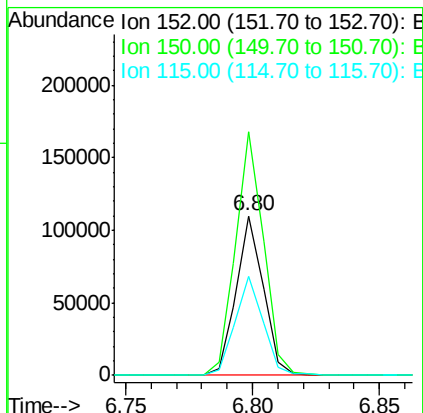
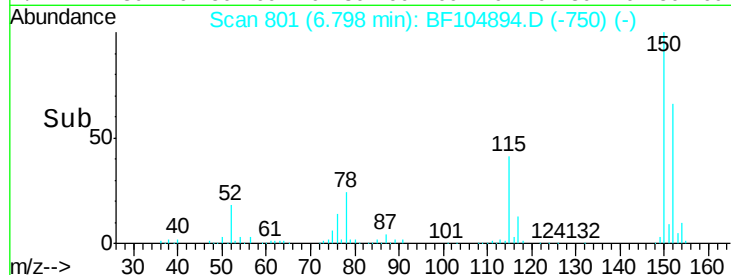
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF104894.D
Acq: 27 Apr 2018 21:05

Tot Ion:152 Resp: 81890
Ion Ratio Lower Upper
152 100
150 152.4 124.6 186.8
115 61.8 50.1 75.1



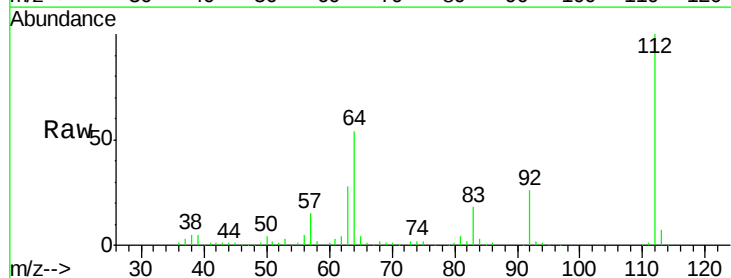
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



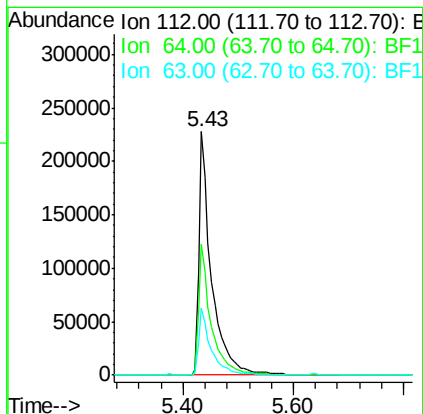
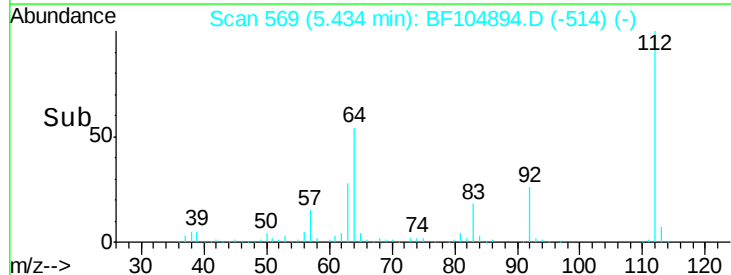
#5

2-Fluorophenol
Concen: 66.818 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.02 min
Lab File: BF104894.D
Acq: 27 Apr 2018 21:05

Tgt Ion:112 Resp: 357848
Ion Ratio Lower Upper
112 100
64 53.7 47.9 71.9
63 27.6 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: 84.528 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF104894.D

Acq: 27 Apr 2018 21:05

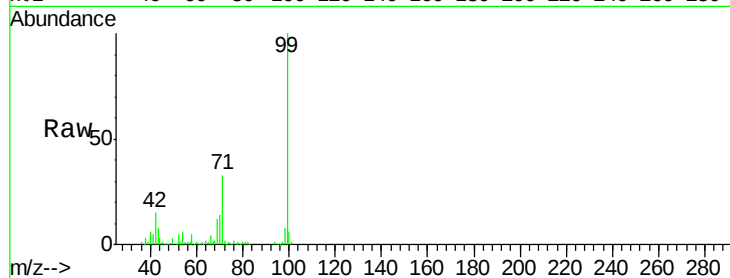
Tot Ion: 99 Resp: 556219

Ion Ratio Lower Upper

99 100

42 14.7 14.5 21.7

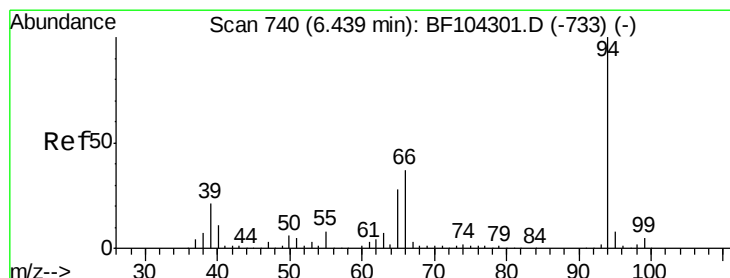
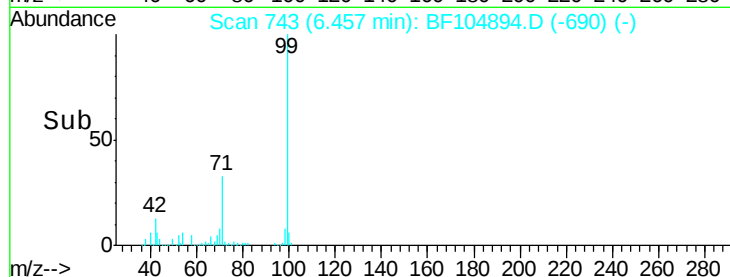
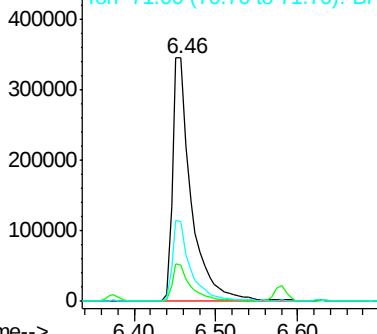
71 33.0 25.4 38.0



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: 4.295 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF104894.D

Acq: 27 Apr 2018 21:05

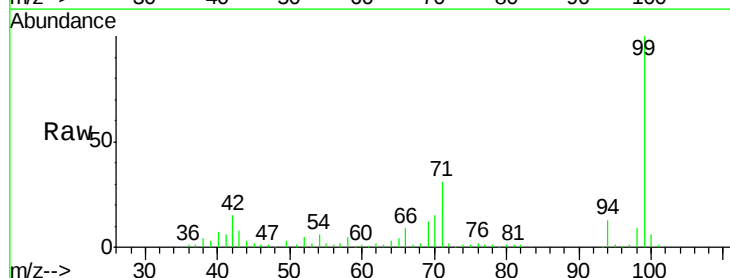
Tgt Ion: 94 Resp: 29990

Ion Ratio Lower Upper

94 100

65 29.9 7.9 47.9

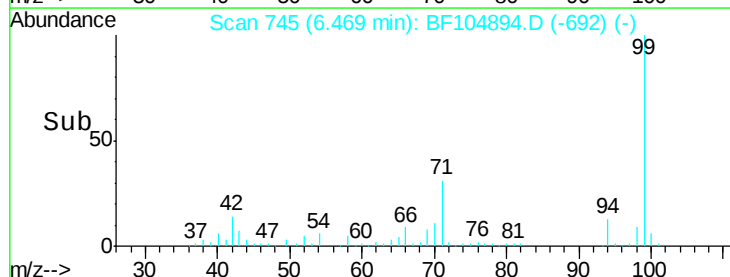
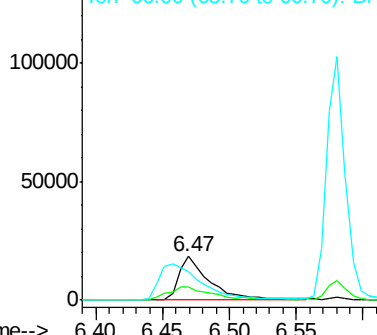
66 66.5 16.2 56.2#

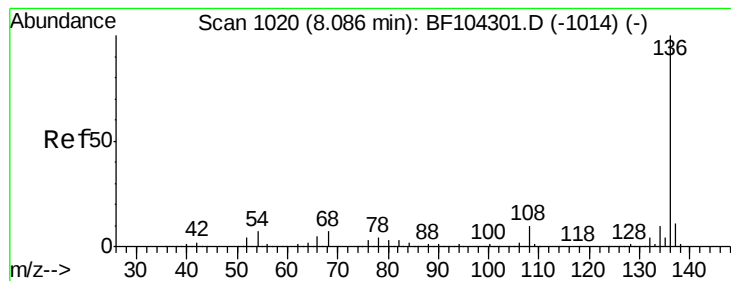


Abundance Ion 94.00 (93.70 to 94.70): BF1

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: 8.09 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BF104894.D

Acq: 27 Apr 2018 21:05

Tot Ion:136 Resp: 281068

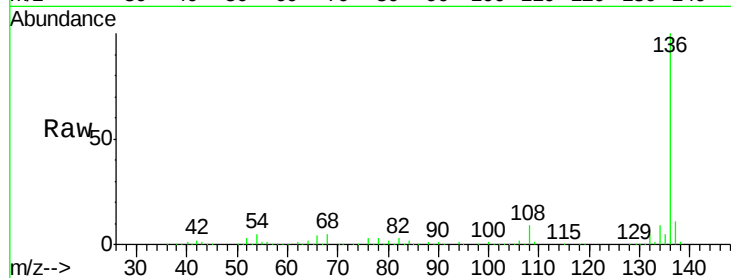
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 5.4 6.6 9.8#

68 5.0 5.0 7.4

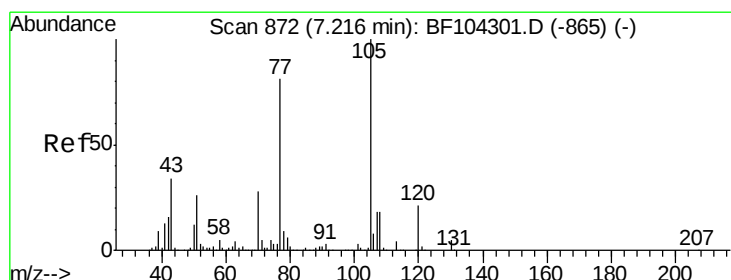
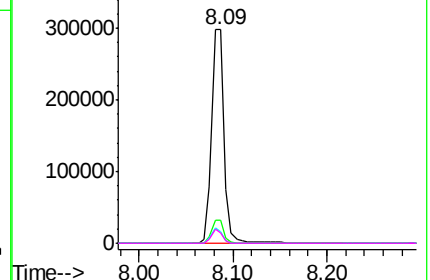
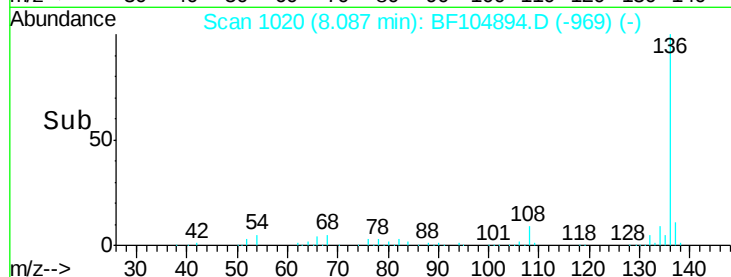


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 2.255 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF104894.D

Acq: 27 Apr 2018 21:05

Tgt Ion:105 Resp: 15602

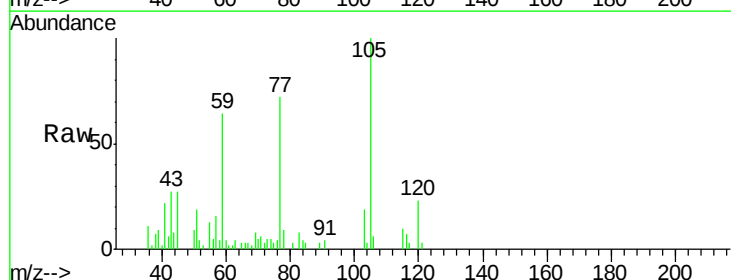
Ion Ratio Lower Upper

105 100

71 6.2 4.4 6.6

51 19.4 22.3 33.5#

120 22.9 16.9 25.3

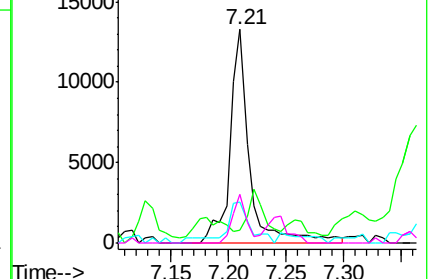
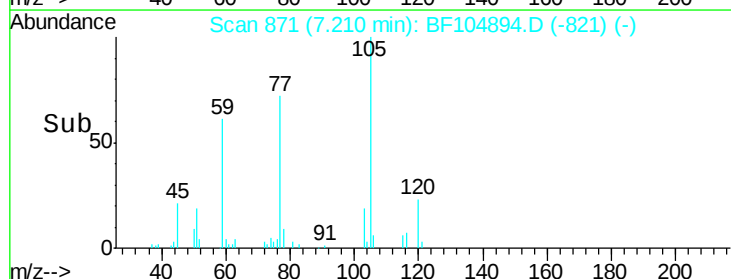


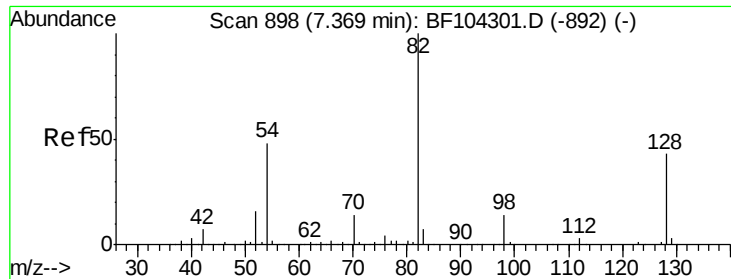
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

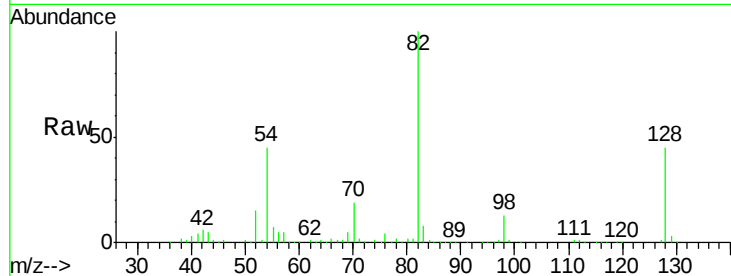
Ion 120.00 (119.70 to 120.70): E



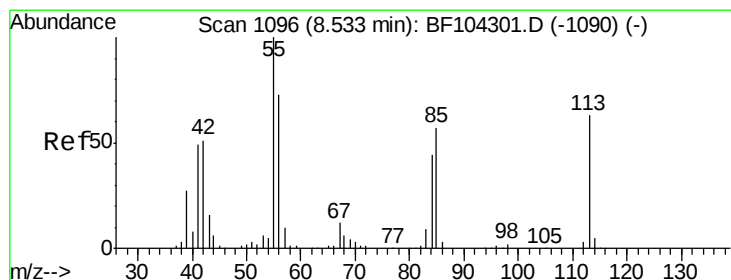
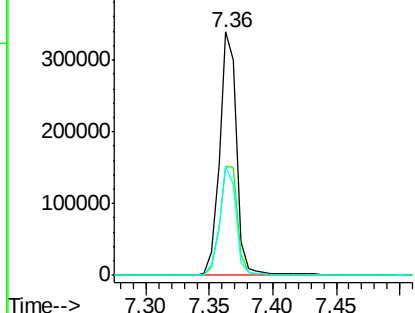
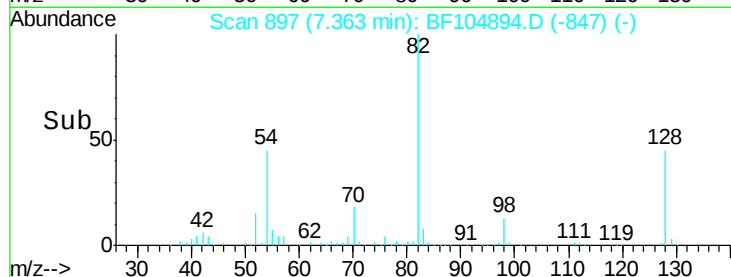


#23
 Nitrobenzene-d5
 Concen: 74.820 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF104894.D
 Acq: 27 Apr 2018 21:05

Tot Ion	82	Resp	322054
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
54	44.7	41.4	62.2

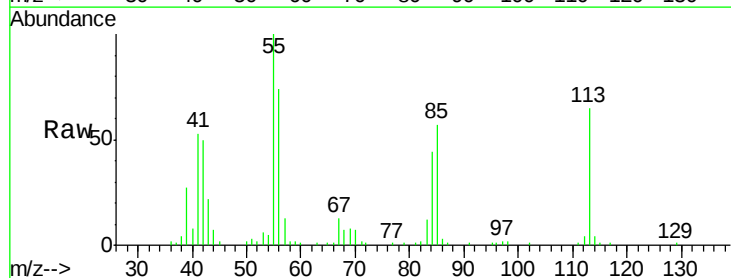


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

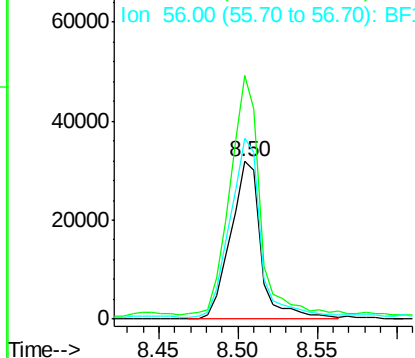
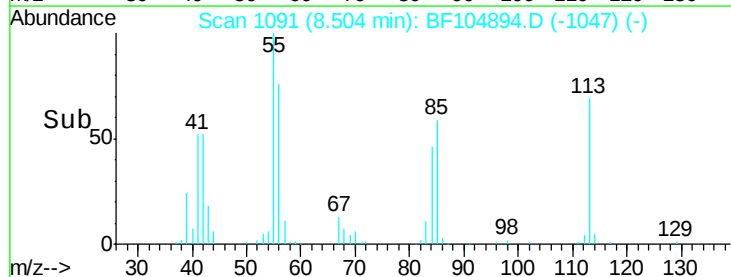


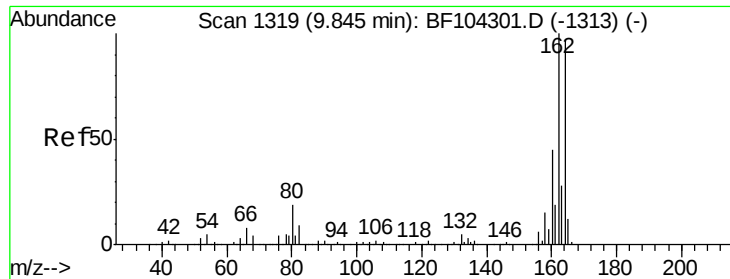
#35
 Caprolactam
 Concen: 31.715 ng
 RT: 8.50 min Scan# 1091
 Delta R.T. -0.04 min
 Lab File: BF104894.D
 Acq: 27 Apr 2018 21:05

Tgt Ion	113	Resp	42406
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower	163.3		
Upper	203.3#		
55	154.4	115.7	155.7#
56	114.9		



Abundance Ion 113.00 (112.70 to 113.70): BF1
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF104894.D

Acq: 27 Apr 2018 21:05

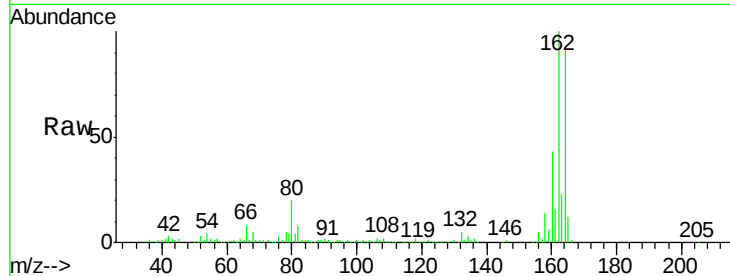
Tot Ion:164 Resp: 108128

Ion Ratio Lower Upper

164 100

162 107.2 86.1 129.1

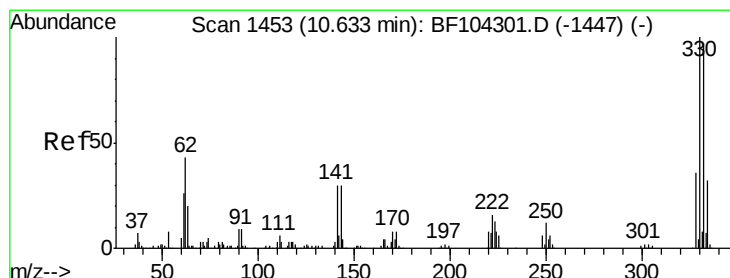
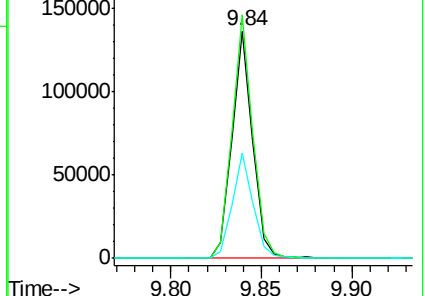
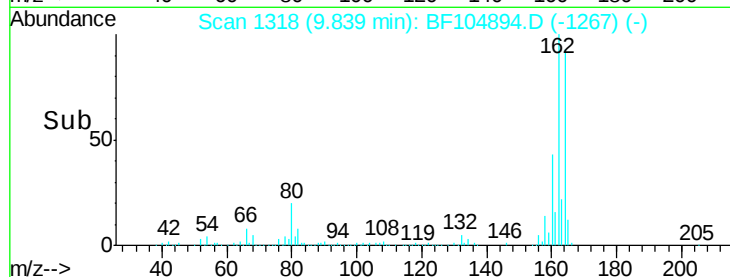
160 46.5 38.3 57.5



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: 24.565 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF104894.D

Acq: 27 Apr 2018 21:05

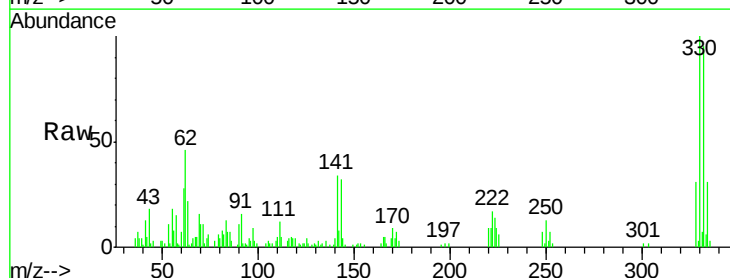
Tgt Ion:330 Resp: 27553

Ion Ratio Lower Upper

330 100

332 95.6 77.0 115.6

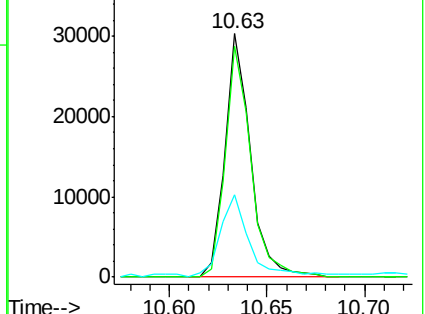
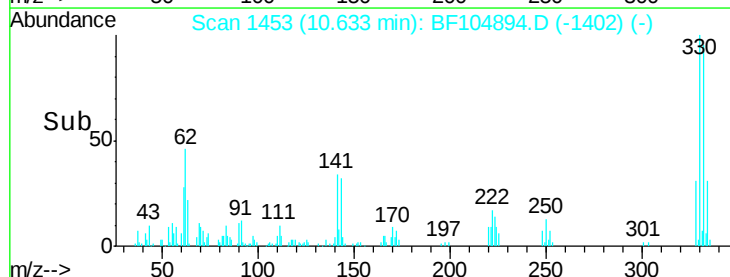
141 39.8 29.9 44.9

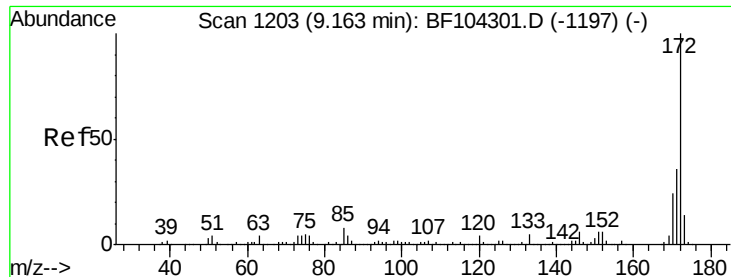


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

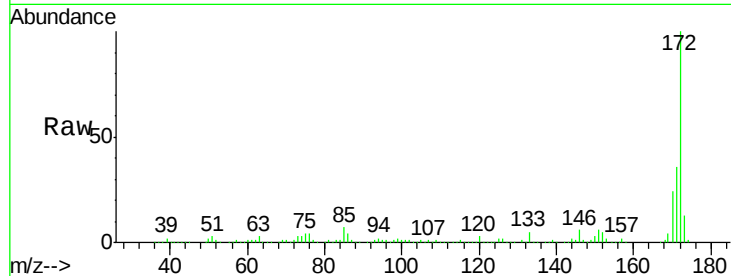
Ion 141.00 (140.70 to 141.70): E



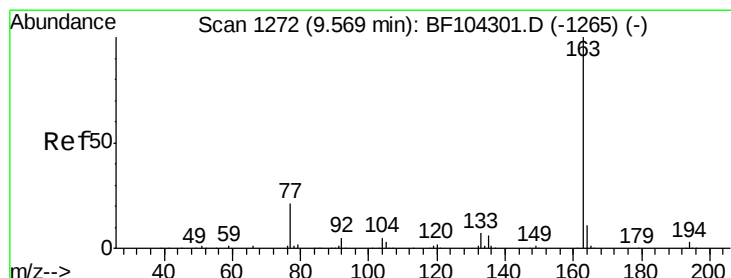
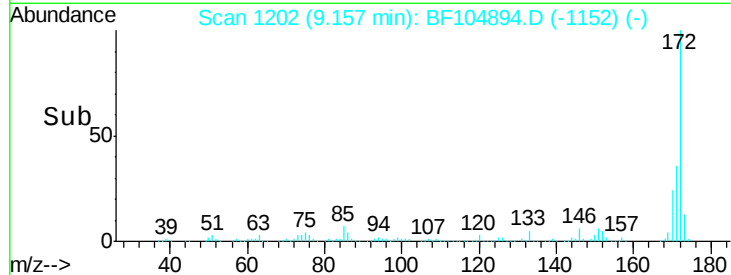
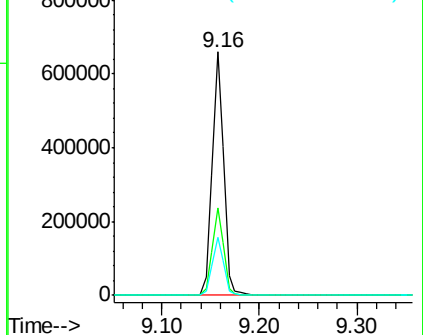


#44
2-Fluorobiphenyl
Concen: 78.828 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF104894.D
Acq: 27 Apr 2018 21:05

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.7	19.6	29.4

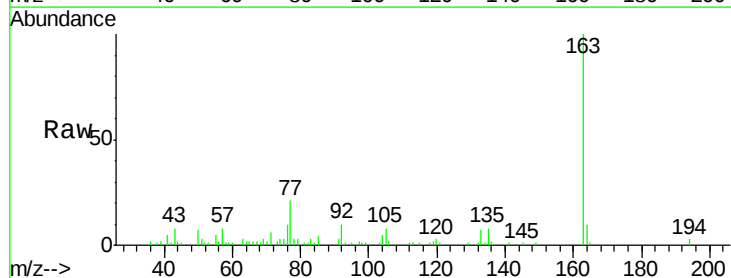


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

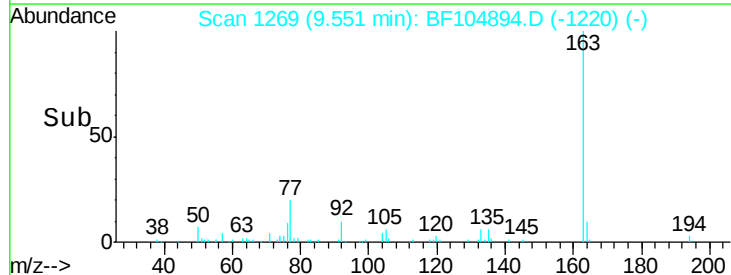
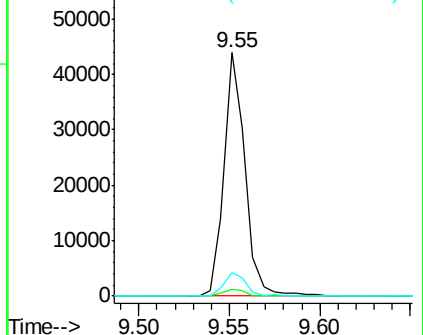


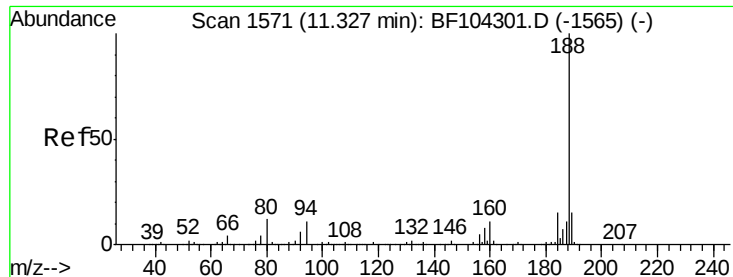
#49
Dimethylphthalate
Concen: 4.152 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF104894.D
Acq: 27 Apr 2018 21:05

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.7	4.1
164	9.7	8.2	12.2



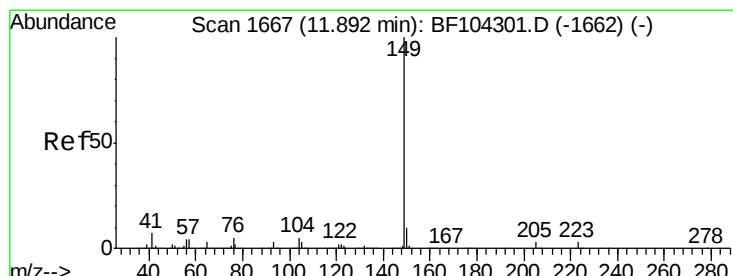
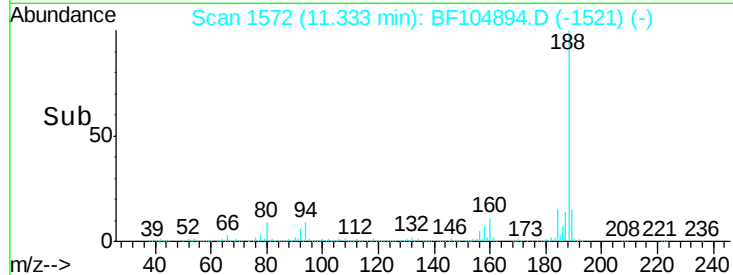
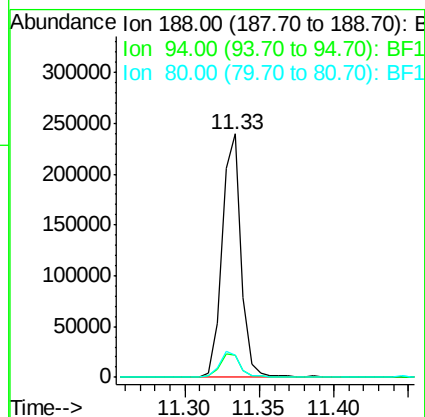
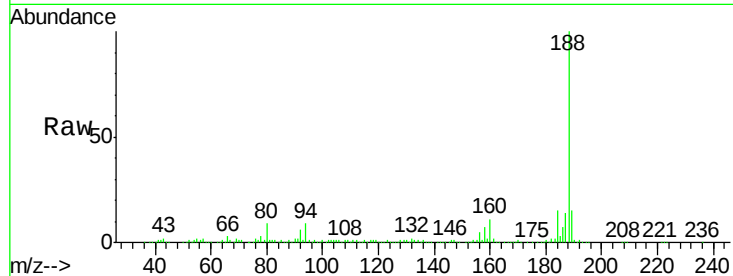
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





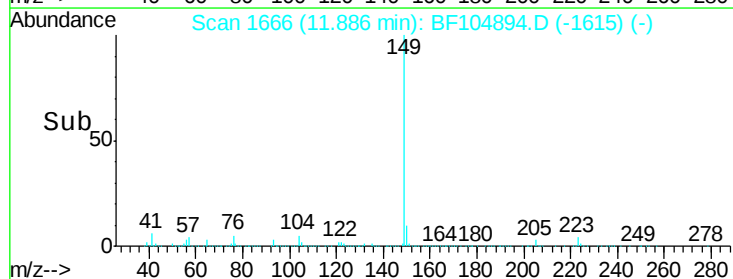
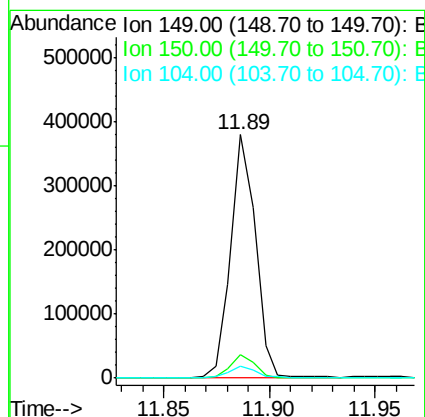
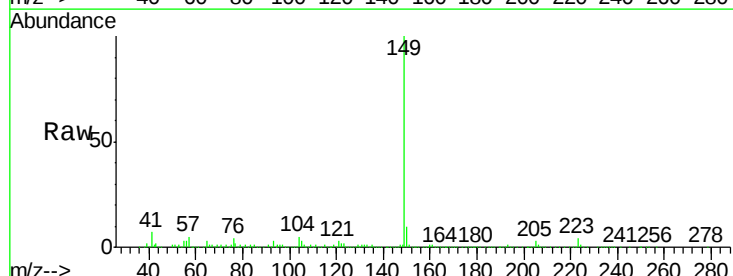
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF104894.D
Acq: 27 Apr 2018 21:05

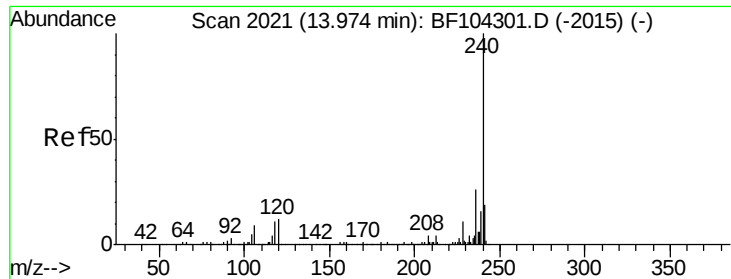
Tot Ion:188 Resp: 214437
Ion Ratio Lower Upper
188 100
94 9.1 8.5 12.7
80 9.1 9.2 13.8#



#73
Di-n-butylphthalate
Concen: 21.025 ng
RT: 11.89 min Scan# 1666
Delta R.T. 0.00 min
Lab File: BF104894.D
Acq: 27 Apr 2018 21:05

Tgt Ion:149 Resp: 304654
Ion Ratio Lower Upper
149 100
150 9.6 7.8 11.6
104 4.8 3.8 5.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.02 min

Lab File: BF104894.D

Acq: 27 Apr 2018 21:05

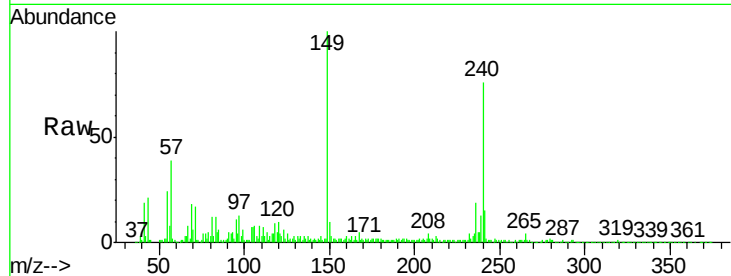
Tot Ion:240 Resp: 188033

Ion Ratio Lower Upper

240 100

120 13.1 9.5 14.3

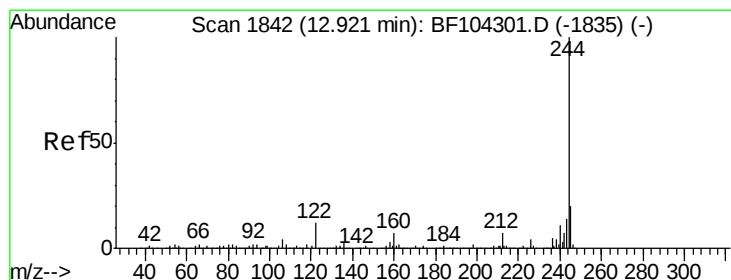
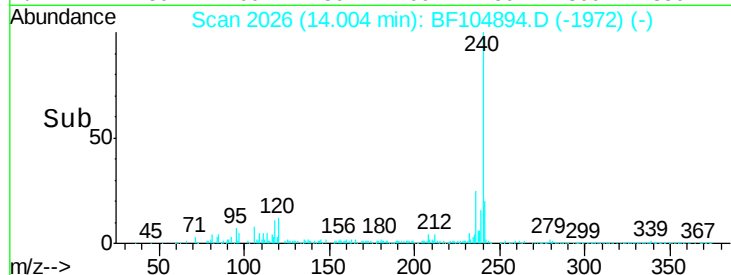
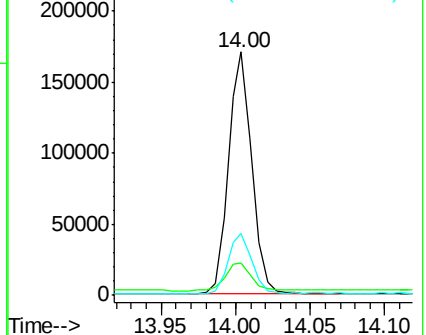
236 25.6 20.7 31.1



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: 72.588 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF104894.D

Acq: 27 Apr 2018 21:05

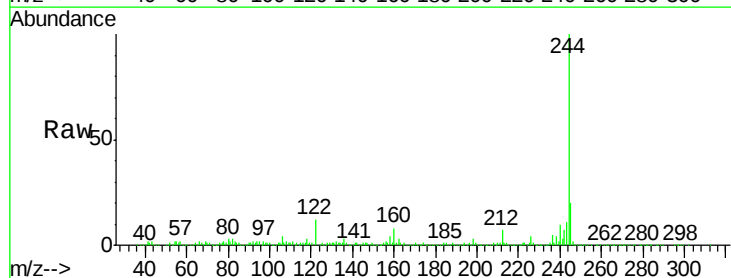
Tgt Ion:244 Resp: 598680

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

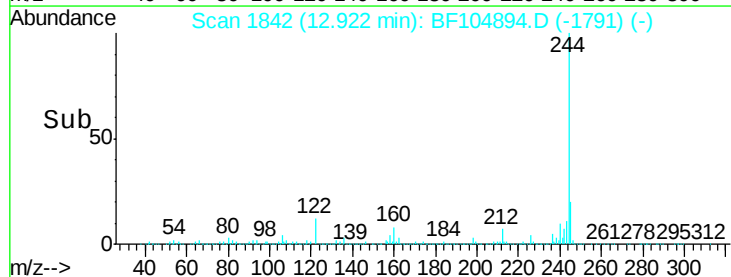
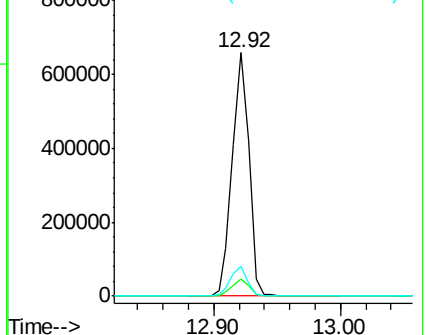
122 12.4 11.0 16.4

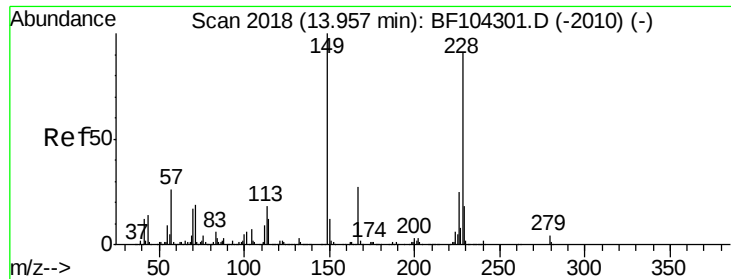


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

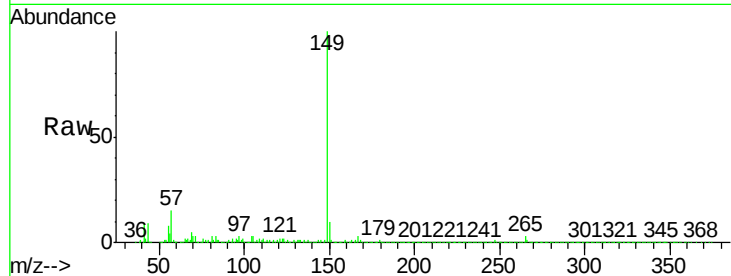
Ion 122.00 (121.70 to 122.70): E



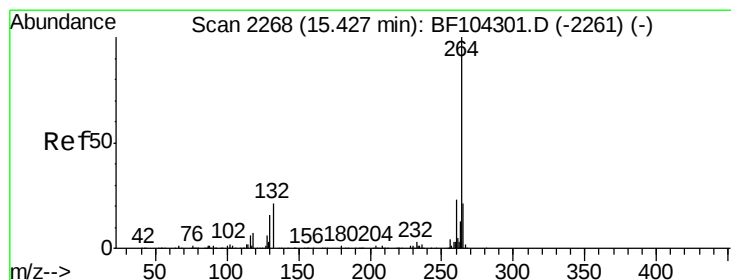
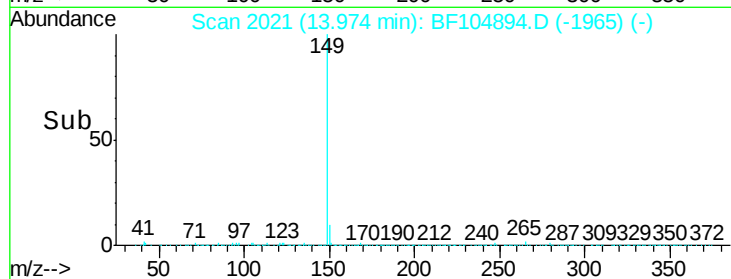
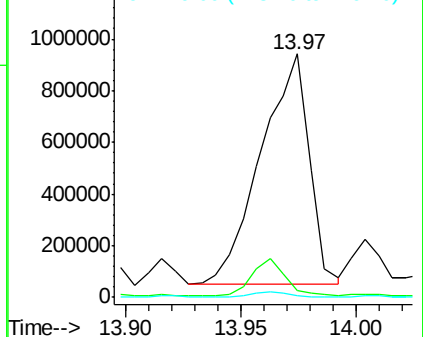


#83
Bis(2-ethylhexyl)phthalate
Concen: 151.940 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.03 min
Lab File: BF104894.D
Acq: 27 Apr 2018 21:05

Tot Ion:149 Resp: 1283257
Ion Ratio Lower Upper
149 100
167 3.0 21.3 31.9#
279 0.4 3.0 4.4#

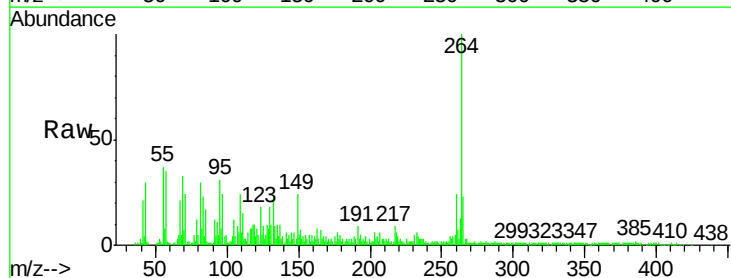


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.03 min
Lab File: BF104894.D
Acq: 27 Apr 2018 21:05

Tgt Ion:264 Resp: 128584
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 22.8 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

