

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

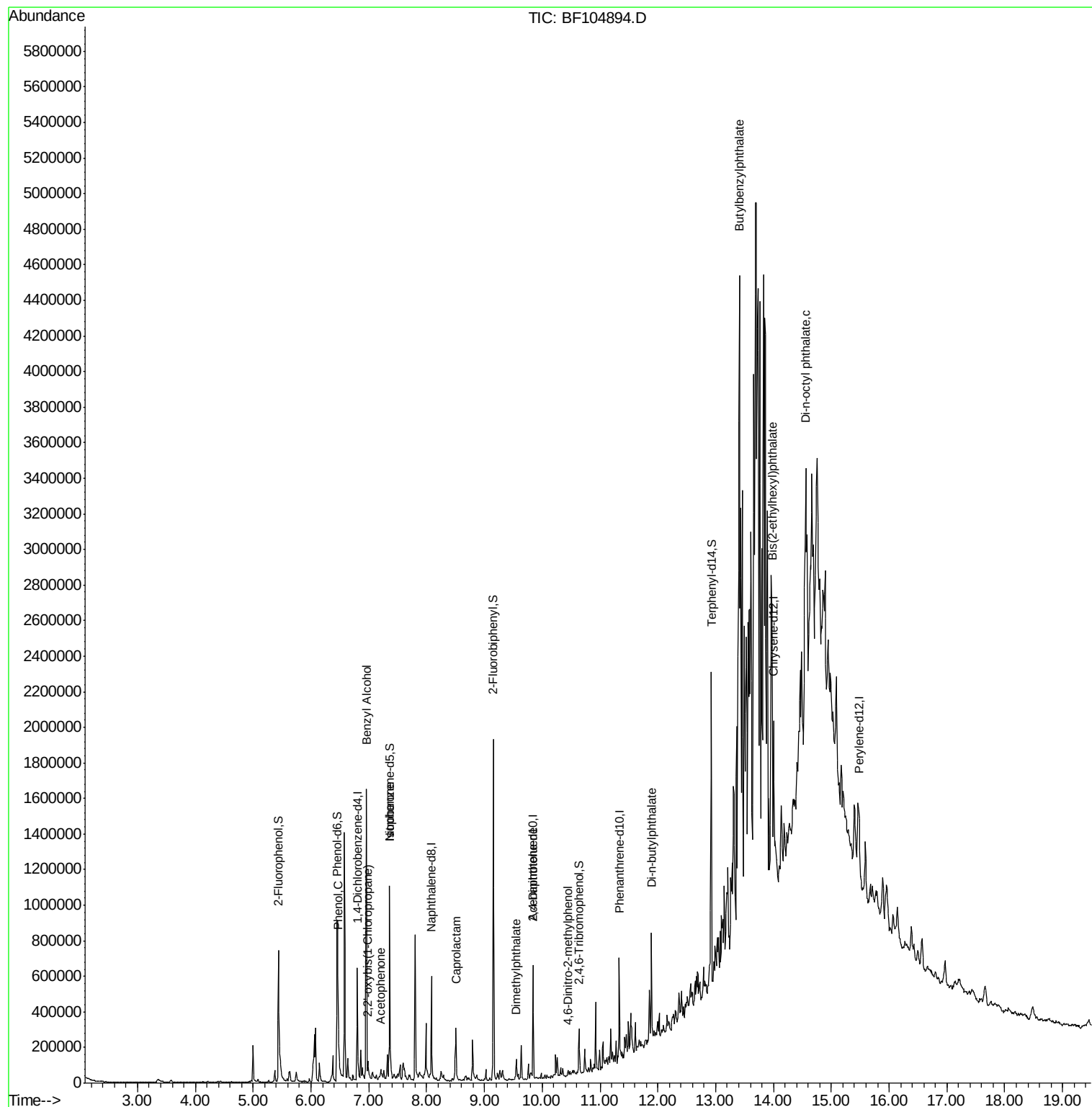
Quant Time: Apr 27 22:51:42 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 17:16:11 2018
 Response via : Initial Calibration

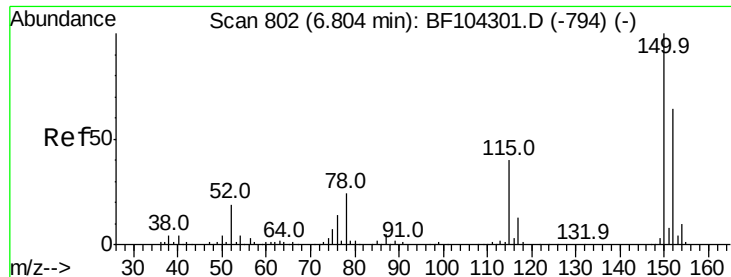
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	81890	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	281068	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	108128	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	214437	20.00	ng	0.00
75) Chrysene-d12	14.00	240	188033	20.00	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						
9) Benzaldehyde	6.36	77	4192	Below Cal		Qvalue 94
10) Phenol	6.47	94	29990	4.295 ng	#	69
15) Benzyl Alcohol	6.95	79	16338	3.269 ng	#	73
16) 2,2'-oxybis(1-Chloropropan	6.99	45	17847	2.385 ng		81
22) Acetophenone	7.21	105	15602	2.255 ng	#	90
25) Isophorone	7.36	82	319502	35.102 ng	#	64
35) Caprolactam	8.50	113	42406	31.715 ng	#	81
49) Dimethylphthalate	9.55	163	35402	4.152 ng		99
56) 2,4-Dinitrotoluene	9.84	165	13757	6.647 ng	#	27
64) 4,6-Dinitro-2-methylphenol	10.44	198	1512	8.573 ng	#	47
73) Di-n-butylphthalate	11.89	149	304654	21.025 ng		100
76) Benzidine	12.72	184	1796	Below Cal	#	1
79) Butylbenzylphthalate	13.41	149	2012224	306.450 ng	#	82
83) Bis(2-ethylhexyl)phthalate	13.97	149	1283257	151.940 ng	#	59
84) Di-n-octyl phthalate	14.56	149	1261666	89.402 ng	#	72

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

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 27 22:51:42 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

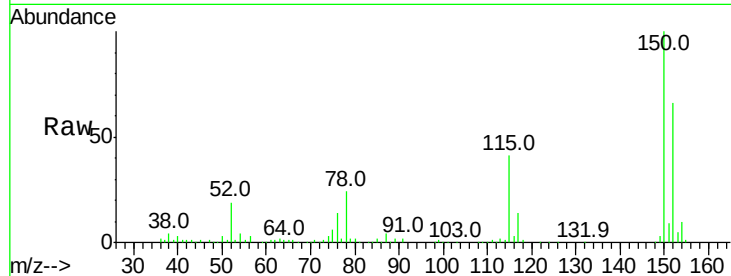




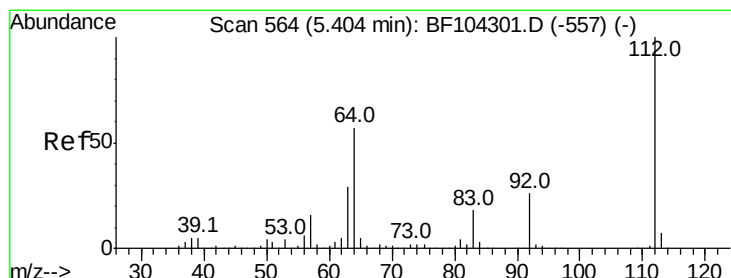
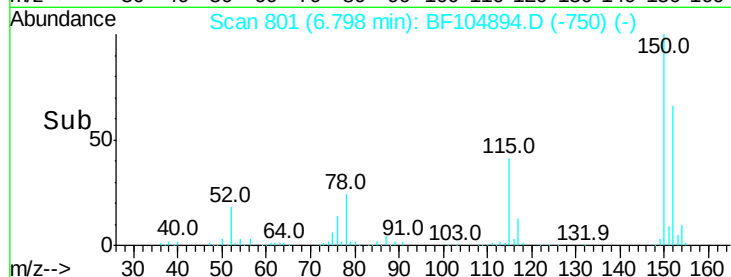
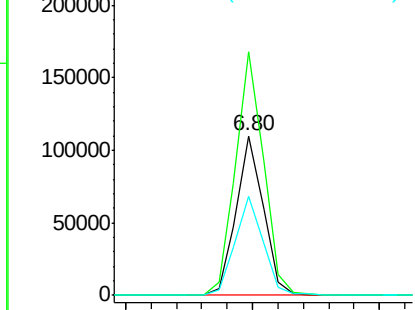
#1

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



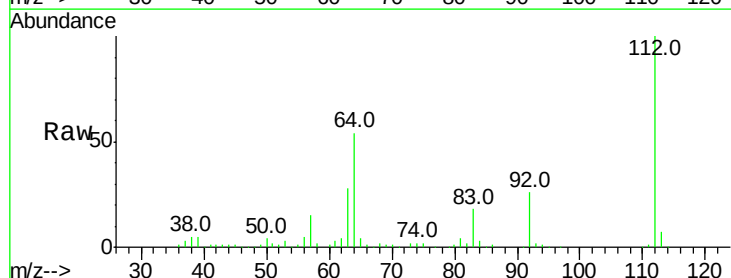
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



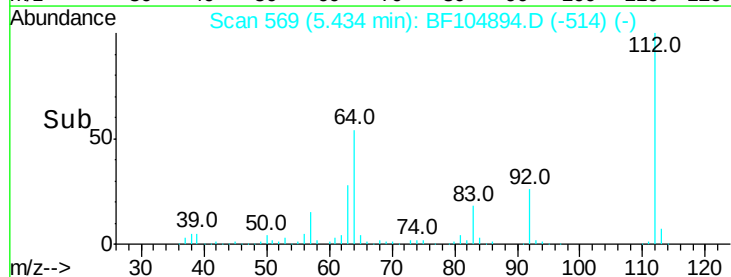
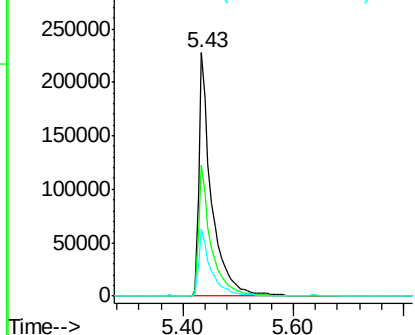
#5

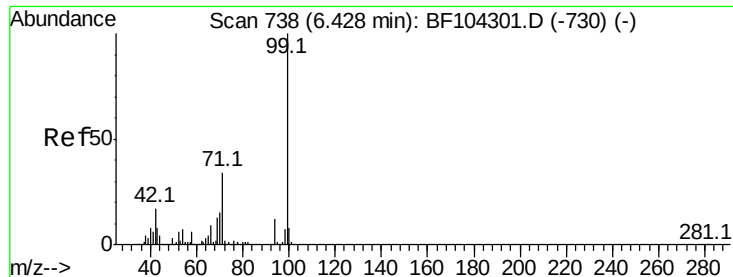
2-Fluorophenol
Concen: 66.818 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.02 min
Lab File: BF104894.D
Acq: 27 Apr 2018 21:05

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

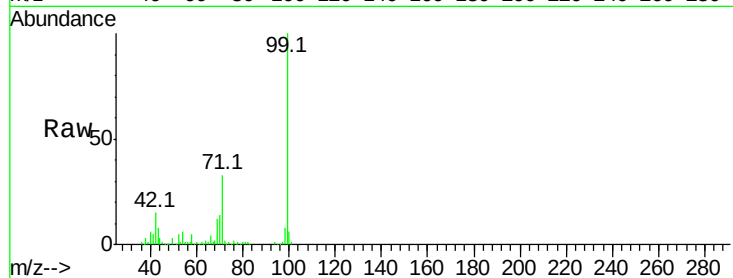
Delta R.T. 0.01 min

Lab File: BF104894.D

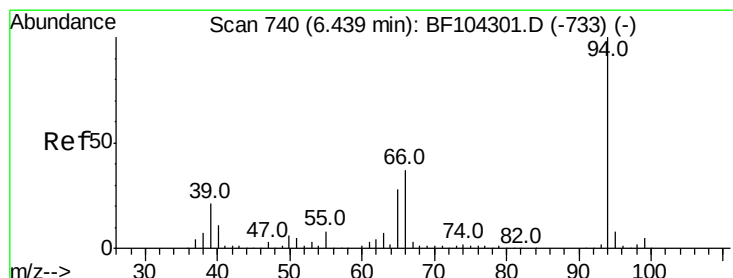
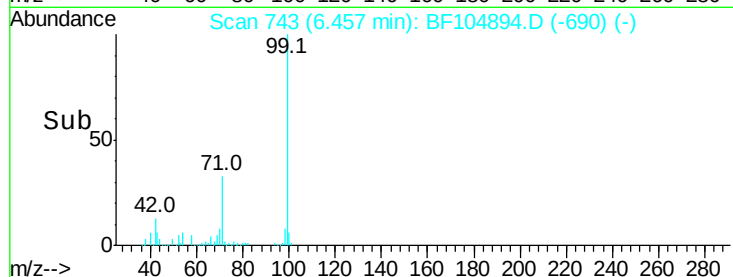
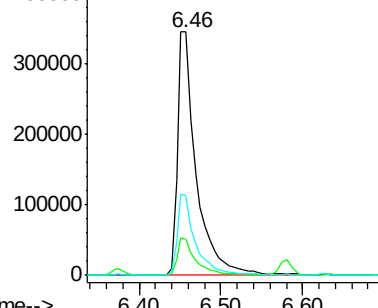
Acq: 27 Apr 2018 21:05

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

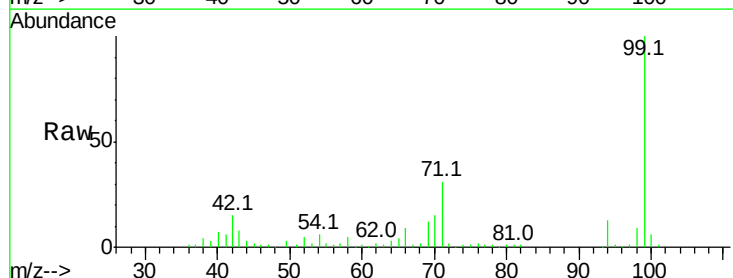
Delta R.T. 0.01 min

Lab File: BF104894.D

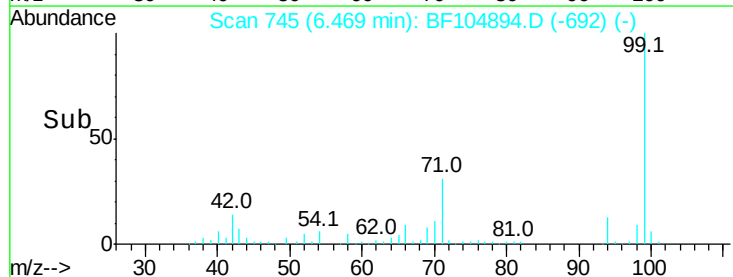
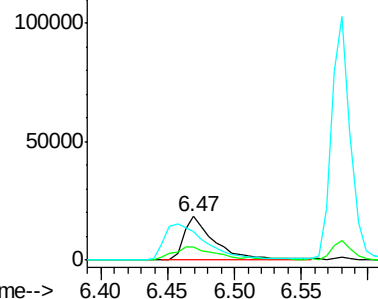
Acq: 27 Apr 2018 21:05

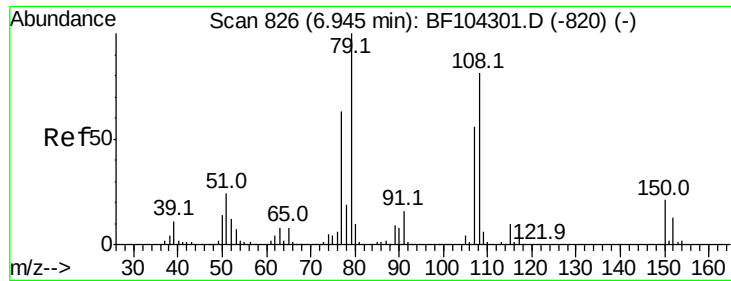
Tgt Ion: 94 Resp: 29990

Ion	Ratio	Lower	Upper
94	100		
65	29.9	7.9	47.9
66	66.5	16.2	56.2



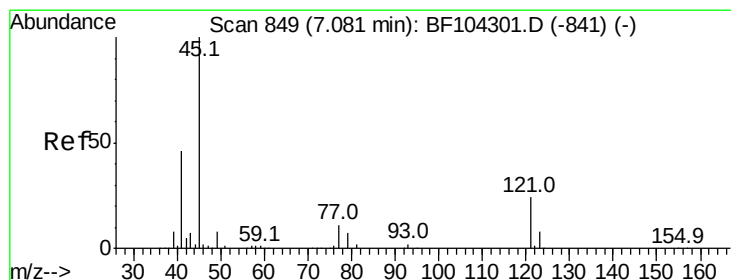
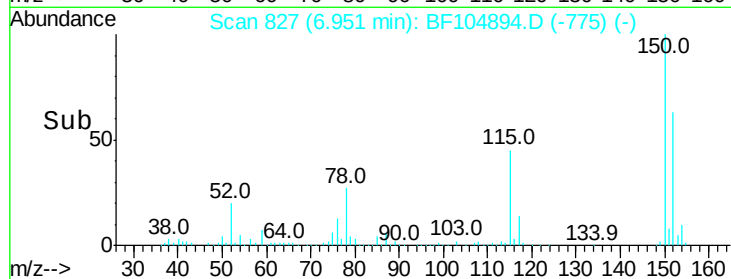
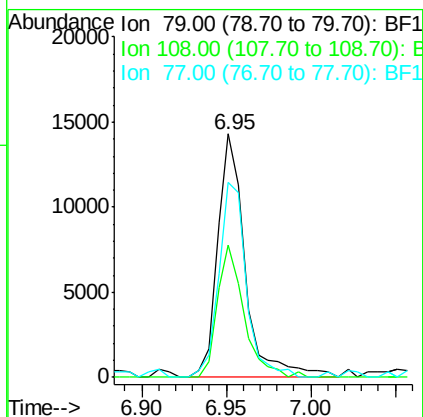
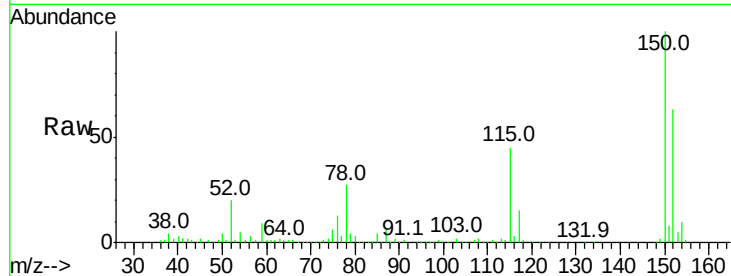
Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





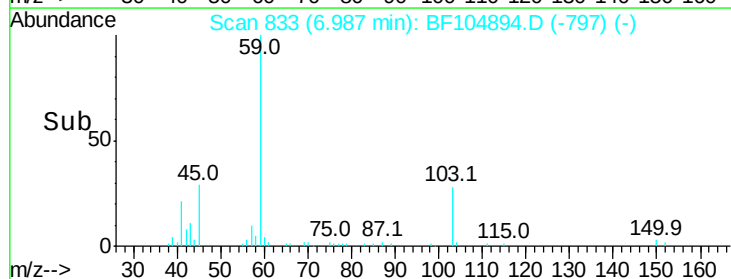
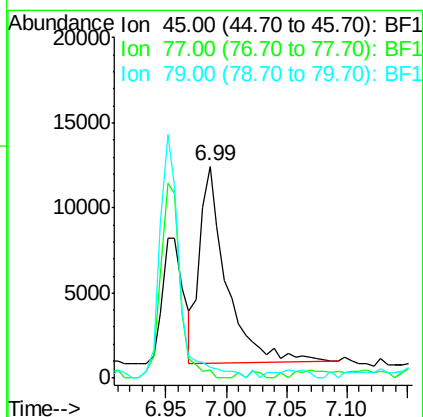
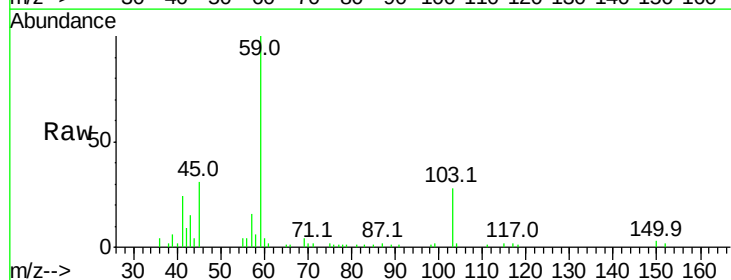
#15
Benzyl Alcohol
Concen: 3.269 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.01 min
Lab File: BF104894.D
Acq: 27 Apr 2018 21:05

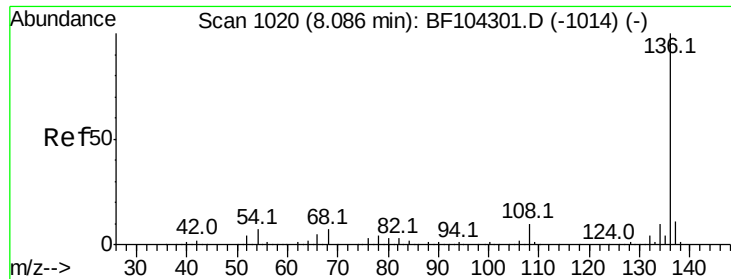
Tot Ion: 79 Resp: 16338
Ion Ratio Lower Upper
79 100
108 54.2 65.1 97.7#
77 80.3 50.6 75.8#



#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.385 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.09 min
Lab File: BF104894.D
Acq: 27 Apr 2018 21:05

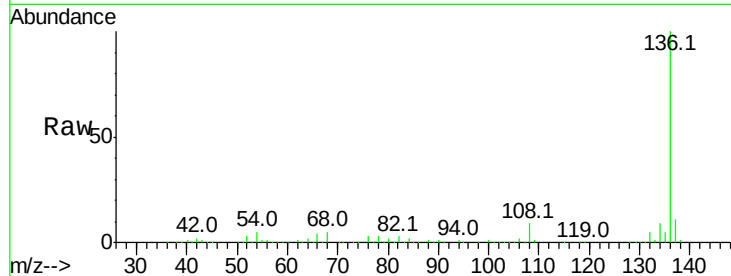
Tgt Ion: 45 Resp: 17847
Ion Ratio Lower Upper
45 100
77 3.6 0.0 32.9
79 4.8 0.0 29.6



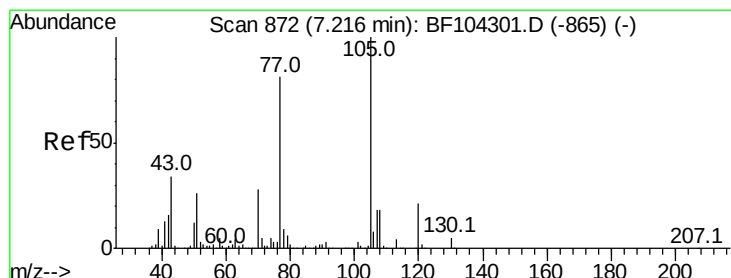
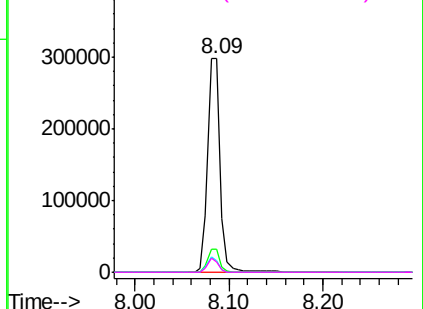
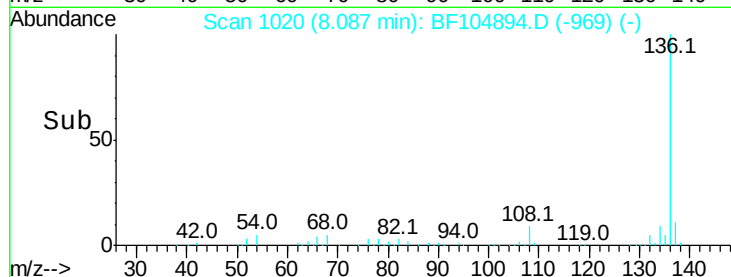


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF104894.D
Acq: 27 Apr 2018 21:05

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

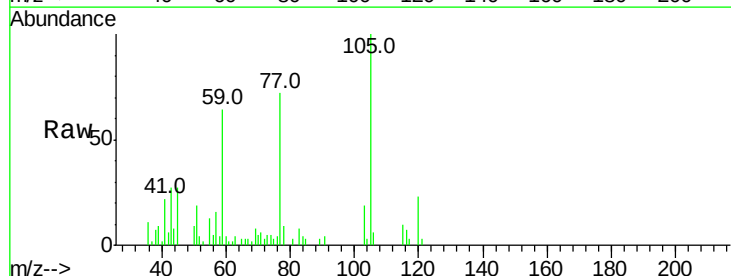


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

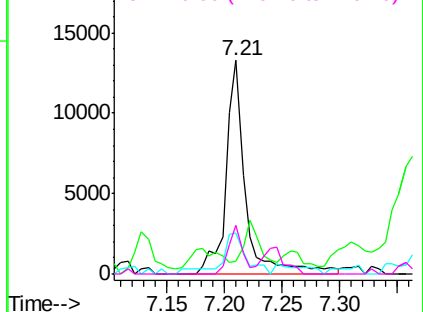
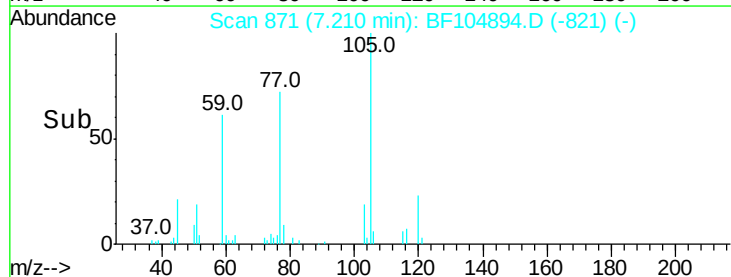


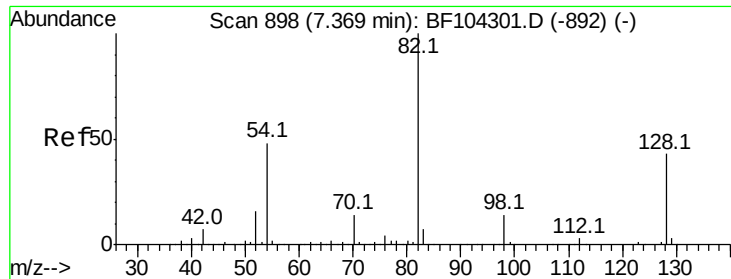
#22
Acetophenone
Concen: 2.255 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF104894.D
Acq: 27 Apr 2018 21:05

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



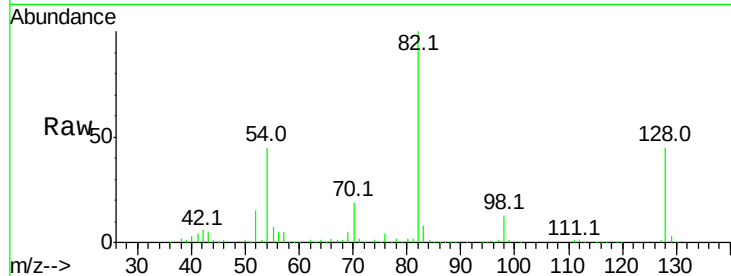
Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E



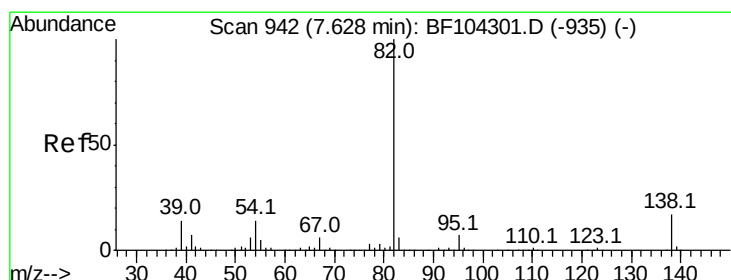
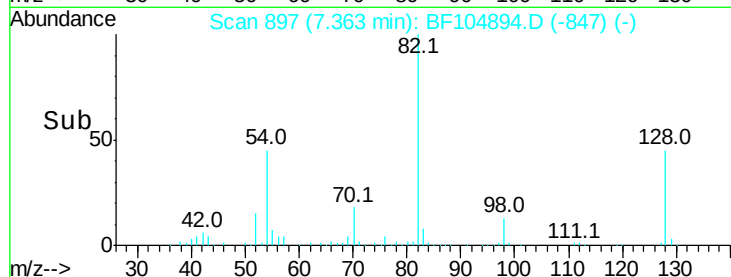
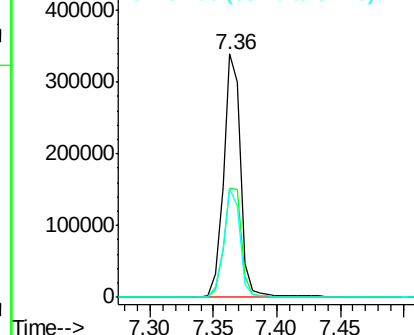


#23
 Nitrobenzene-d5
 Concen: 74.820 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF104894.D
 Acq: 27 Apr 2018 21:05

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

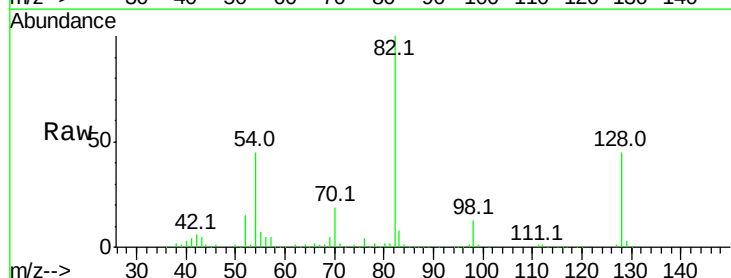


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

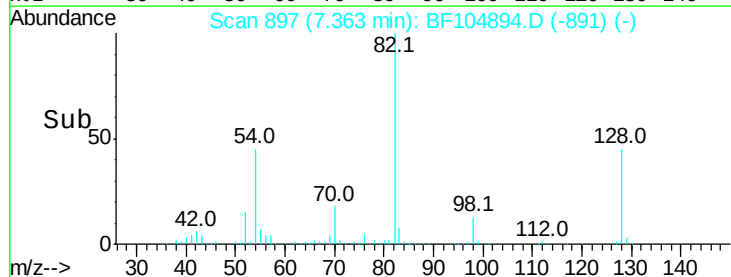
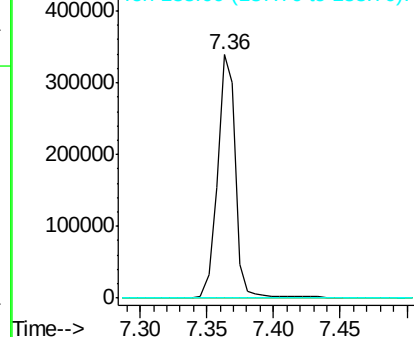


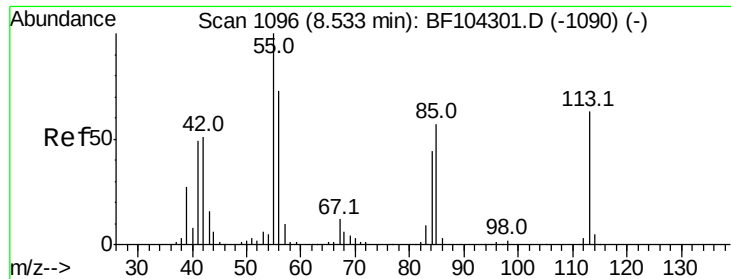
#25
 Isophorone
 Concen: 35.102 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.26 min
 Lab File: BF104894.D
 Acq: 27 Apr 2018 21:05

Tgt Ion	82	Resp	319502
Ion Ratio	100		
Lower	5.2		
Upper	7.8#		
95	0.1	14.9	22.3#
138	0.0		



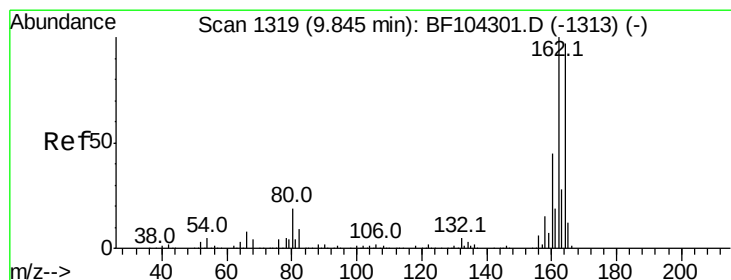
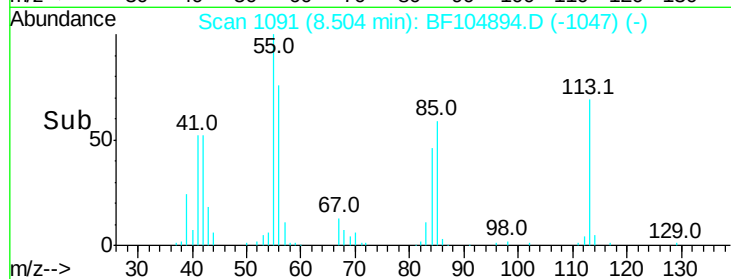
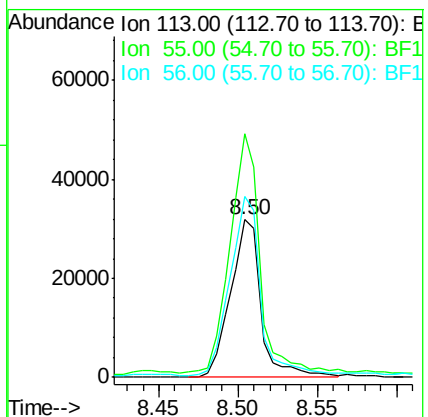
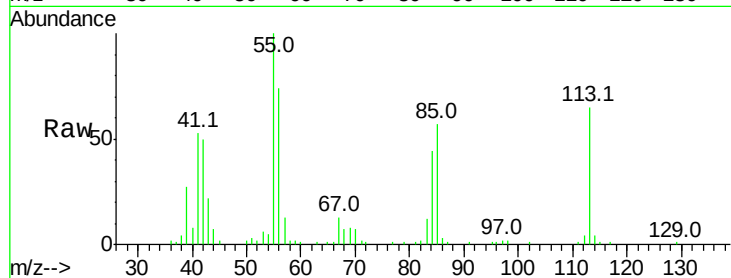
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1





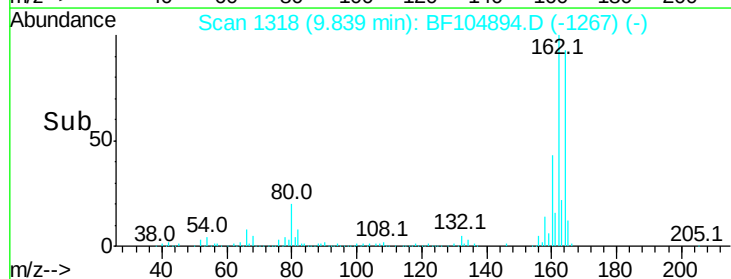
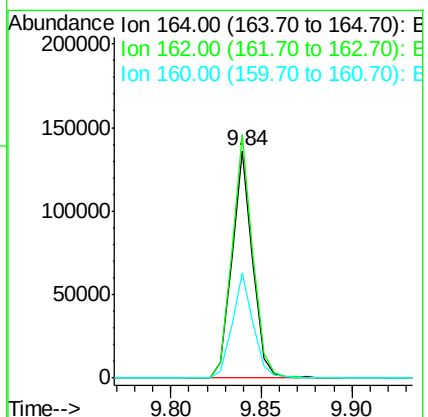
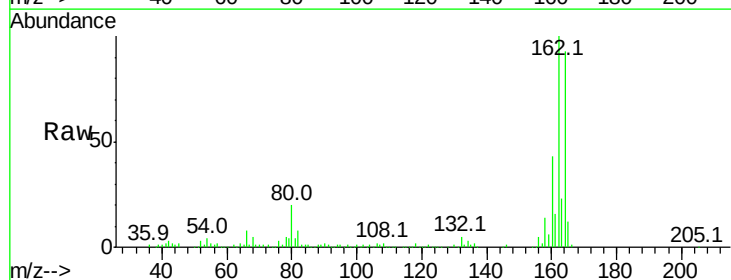
#35
 Caprolactam
 Concen: 31.715 ng
 RT: 8.50 min Scan# 1091
 Delta R.T. -0.04 min
 Lab File: BF104894.D
 Acq: 27 Apr 2018 21:05

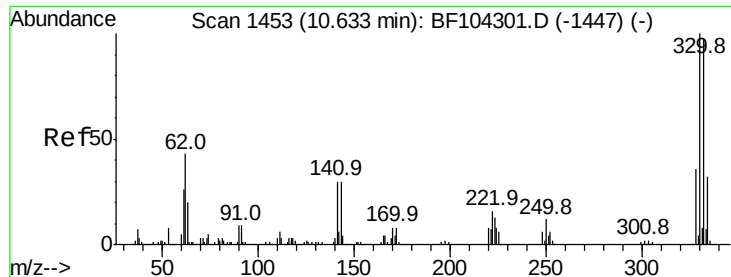
Tot Ion:113 Resp: 42406
 Ion Ratio Lower Upper
 113 100
 55 154.4 163.3 203.3#
 56 114.9 115.7 155.7#



#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

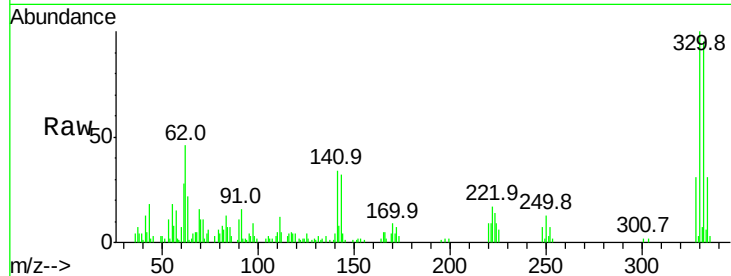
Tgt Ion:164 Resp: 108128
 Ion Ratio Lower Upper
 164 100
 162 107.2 86.1 129.1
 160 46.5 38.3 57.5



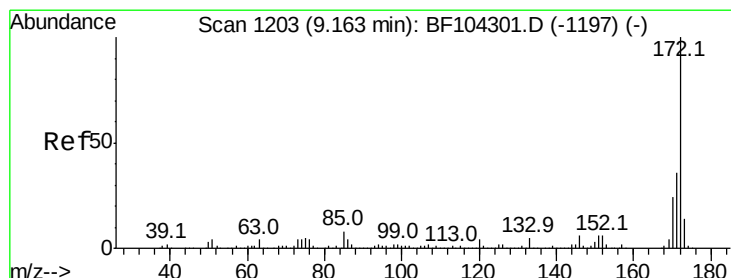
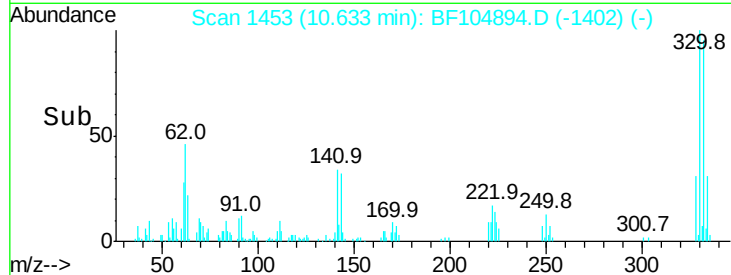
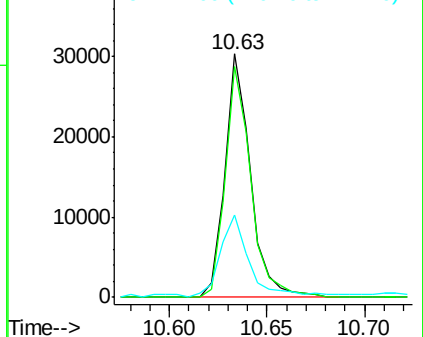


#41
 2,4,6-Tribromophenol
 Concen: 24.565 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.00 min
 Lab File: BF104894.D
 Acq: 27 Apr 2018 21:05

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	39.8	29.9	44.9

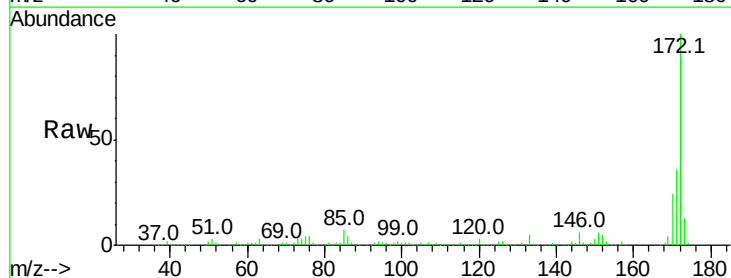


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

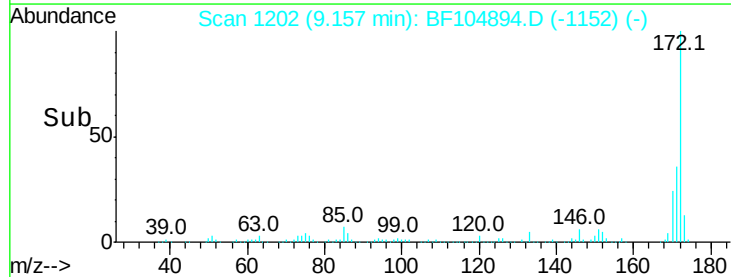
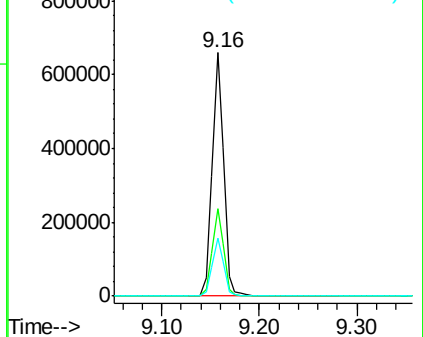


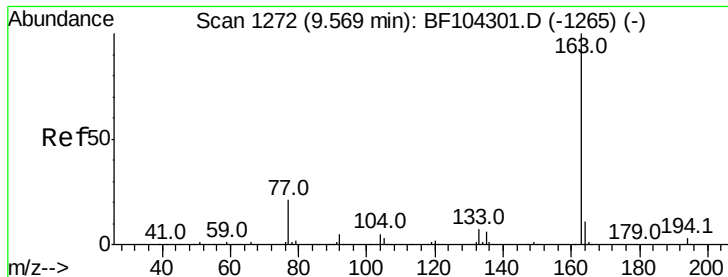
#44
 2-Fluorobiphenyl
 Concen: 78.828 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF104894.D
 Acq: 27 Apr 2018 21:05

Tgt 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

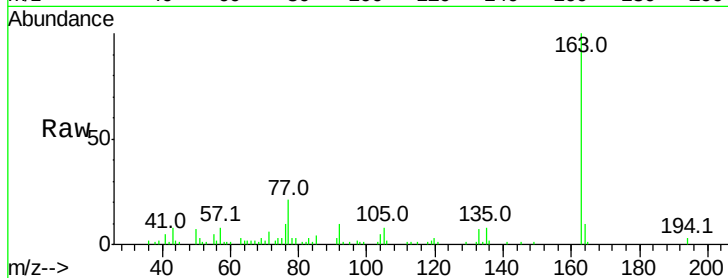
Tot Ion:163 Resp: 35402

Ion Ratio Lower Upper

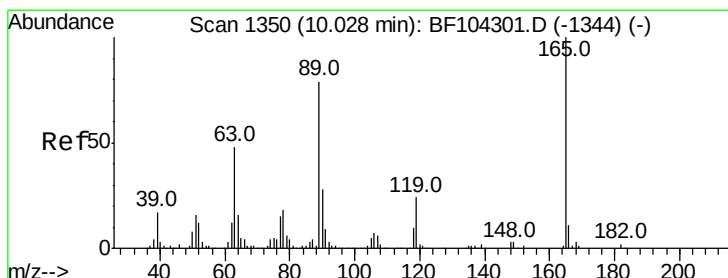
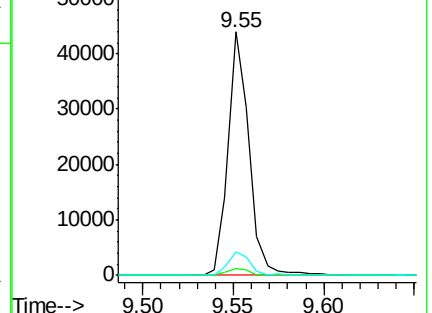
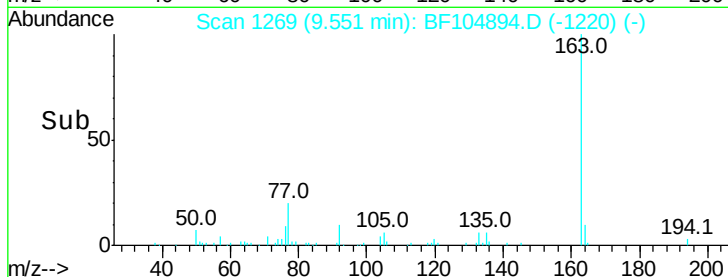
163 100

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



#56

2,4-Dinitrotoluene

Concen: 6.647 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.20 min

Lab File: BF104894.D

Acq: 27 Apr 2018 21:05

Tgt Ion:165 Resp: 13757

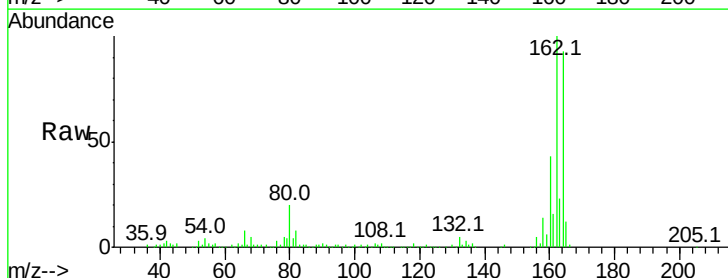
Ion Ratio Lower Upper

165 100

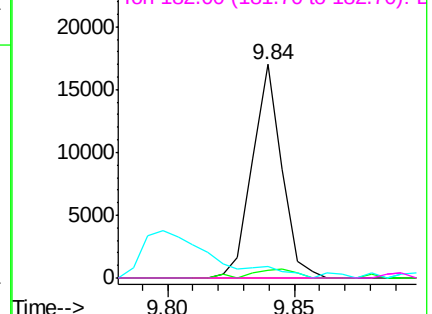
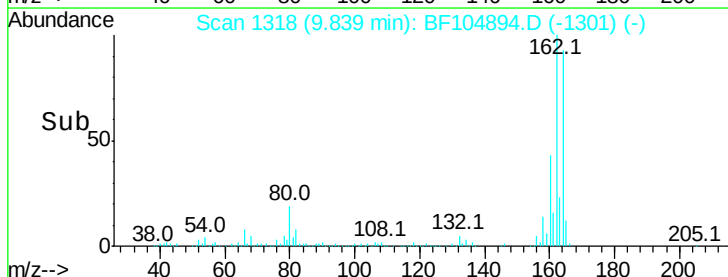
63 3.4 36.4 54.6#

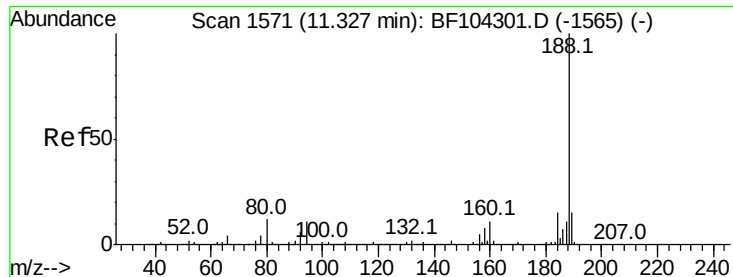
89 5.3 57.8 86.6#

182 0.0 1.6 2.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): 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

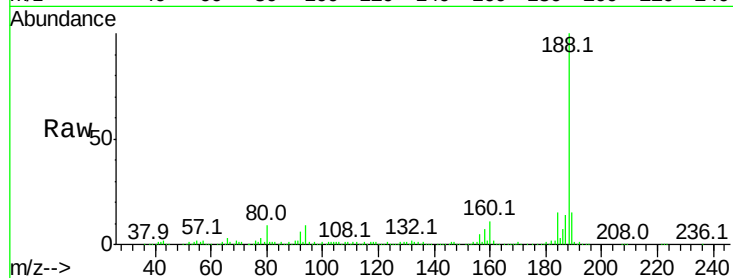
Tot Ion:188 Resp: 214437

Ion Ratio Lower Upper

188 100

94 9.1 8.5 12.7

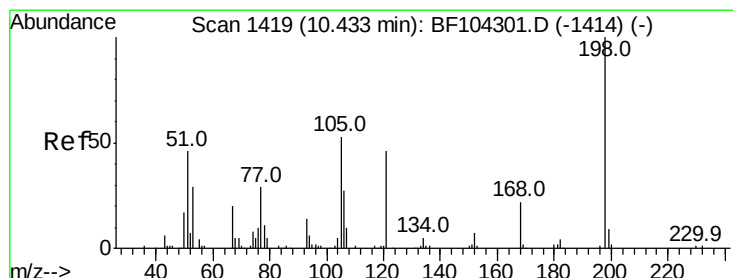
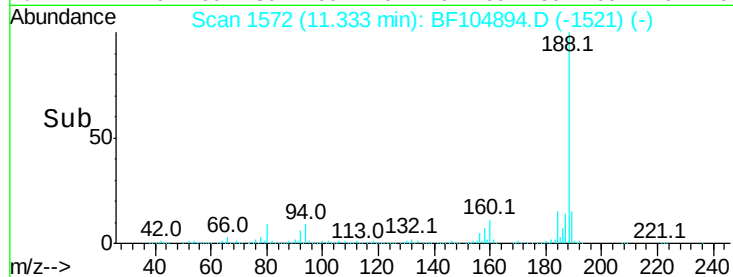
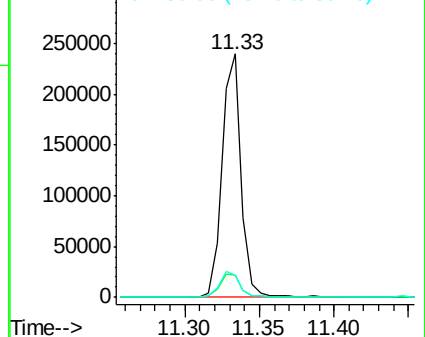
80 9.1 9.2 13.8#



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



#64

4,6-Dinitro-2-methylphenol

Concen: 8.573 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF104894.D

Acq: 27 Apr 2018 21:05

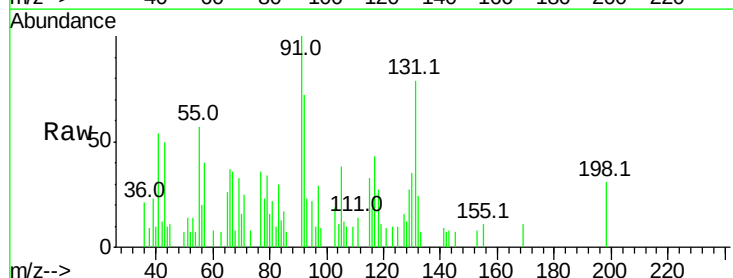
Tgt Ion:198 Resp: 1512

Ion Ratio Lower Upper

198 100

51 45.6 37.7 77.7

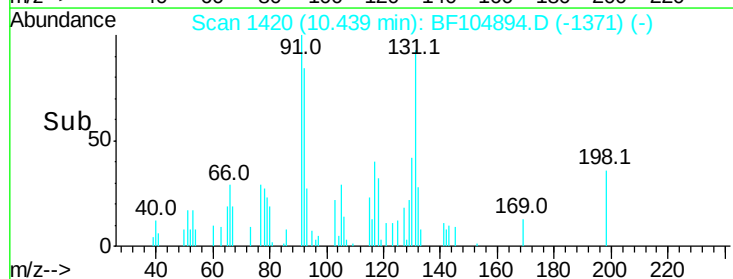
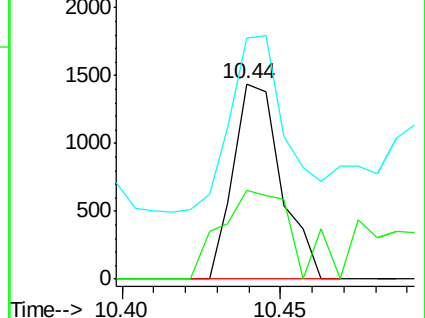
105 123.3 36.3 76.3#

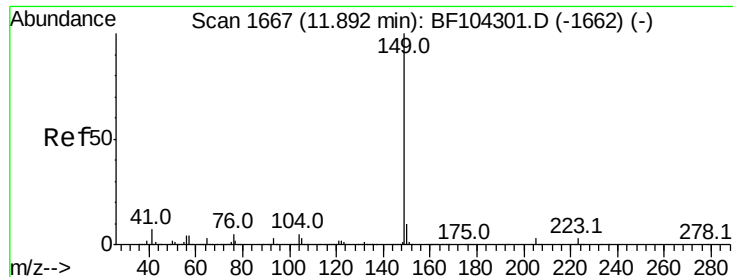


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#73

Di-n-butylphthalate

Concen: 21.025 ng

RT: 11.89 min Scan# 1666

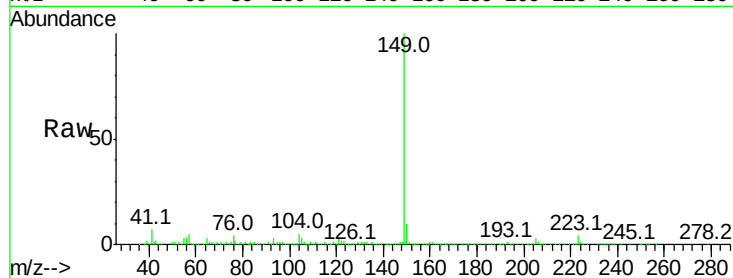
Delta R.T. 0.00 min

Lab File: BF104894.D

Acq: 27 Apr 2018 21:05

Tot Ion:149 Resp: 304654

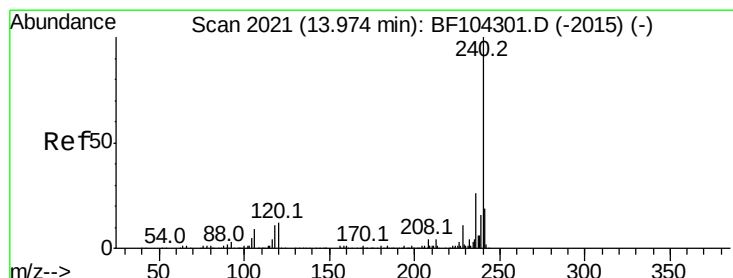
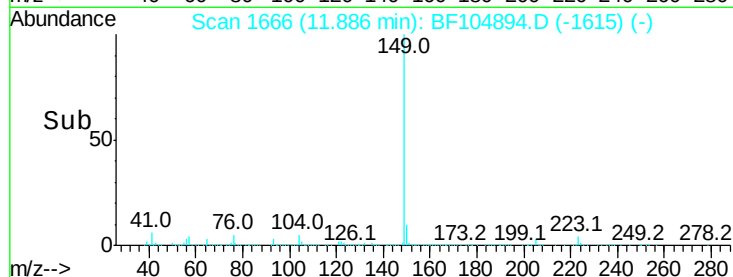
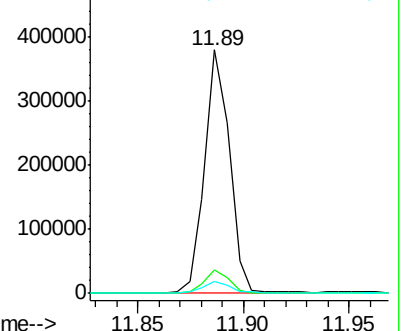
Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.6
104	4.8	3.8	5.8



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: 14.00 min Scan# 2026

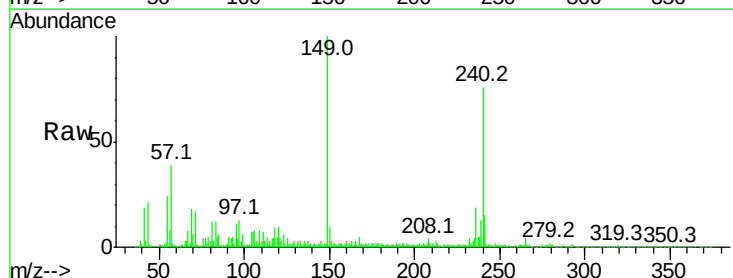
Delta R.T. 0.02 min

Lab File: BF104894.D

Acq: 27 Apr 2018 21:05

Tgt Ion:240 Resp: 188033

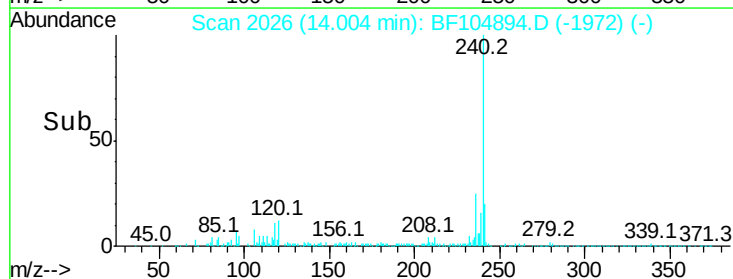
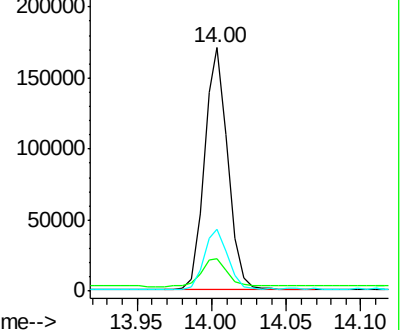
Ion	Ratio	Lower	Upper
240	100		
120	13.1	9.5	14.3
236	25.6	20.7	31.1

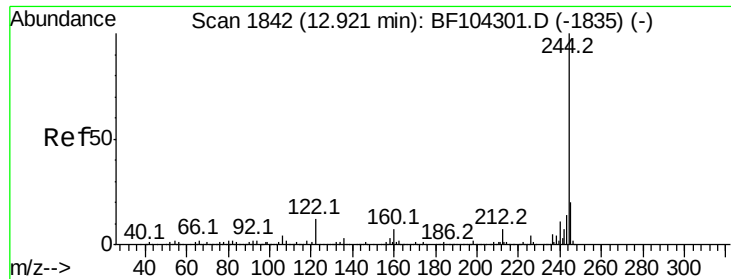


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

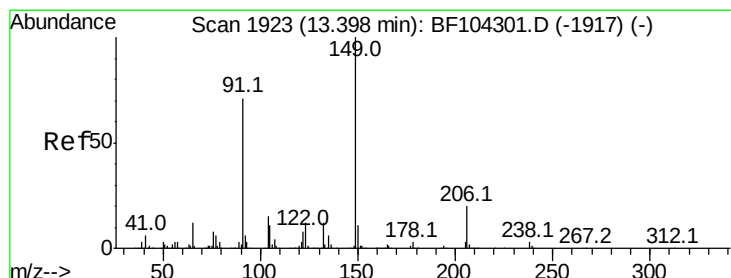
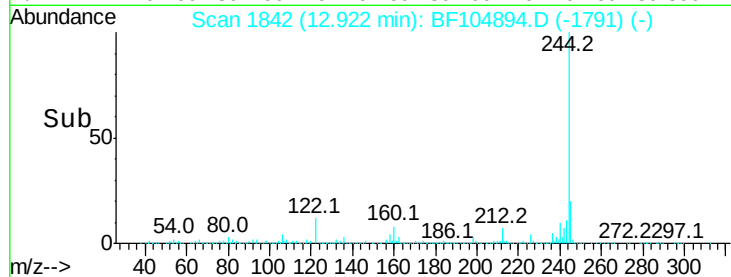
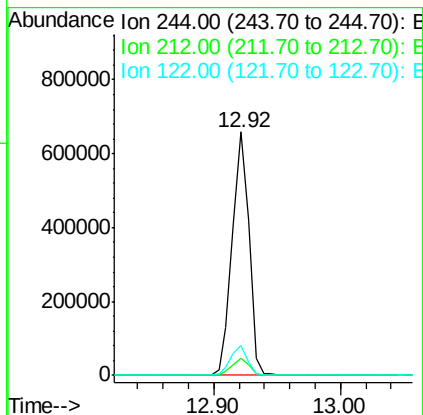
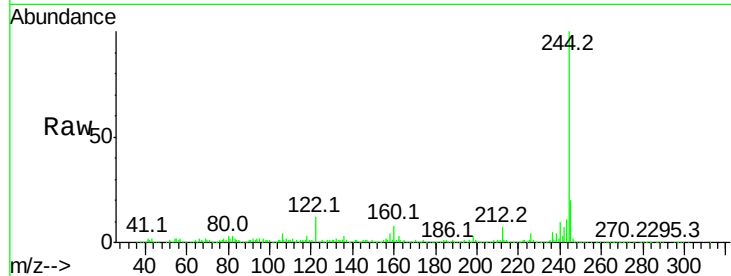
Ion 236.00 (235.70 to 236.70): E





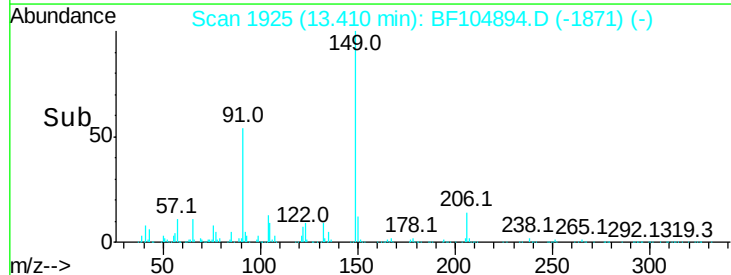
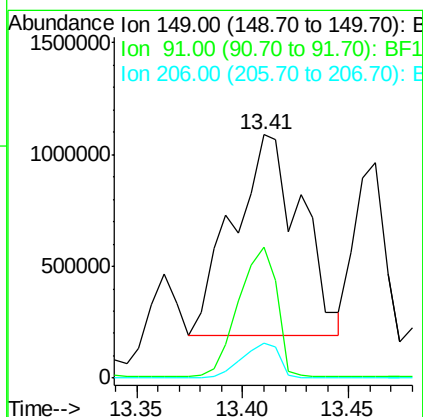
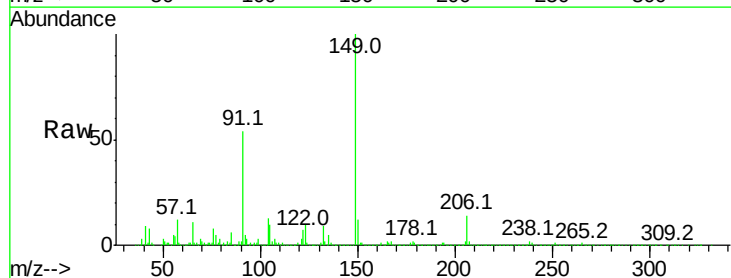
#78
 Terphenyl-d14
 Concen: 72.588 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF104894.D
 Acq: 27 Apr 2018 21:05

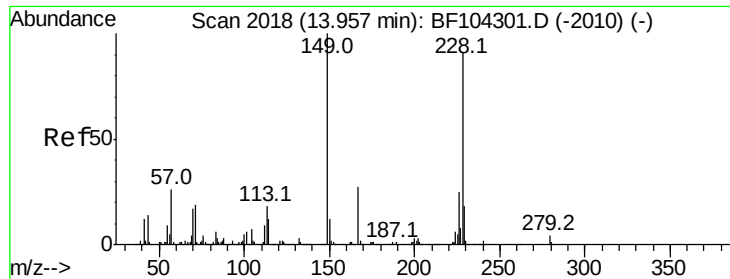
Tot Ion:244 Resp: 598680
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 12.4 11.0 16.4



#79
 Butylbenzylphthalate
 Concen: 306.450 ng
 RT: 13.41 min Scan# 1925
 Delta R.T. 0.02 min
 Lab File: BF104894.D
 Acq: 27 Apr 2018 21:05

Tgt Ion:149 Resp: 2012224
 Ion Ratio Lower Upper
 149 100
 91 53.8 56.8 85.2#
 206 14.2 14.1 21.1





#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

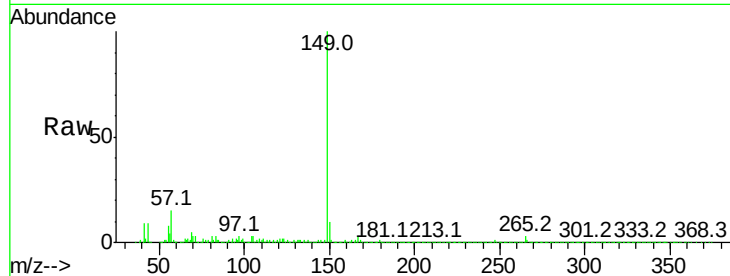
Tot Ion:149 Resp: 1283257

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

1200000

1000000

800000

600000

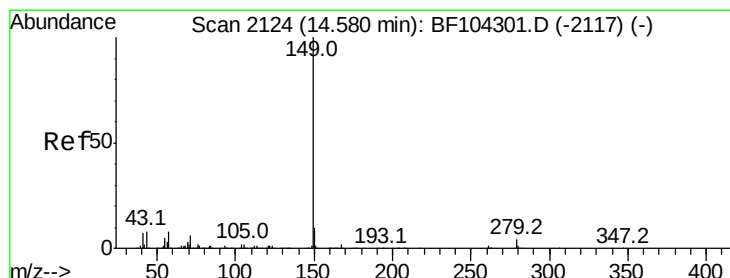
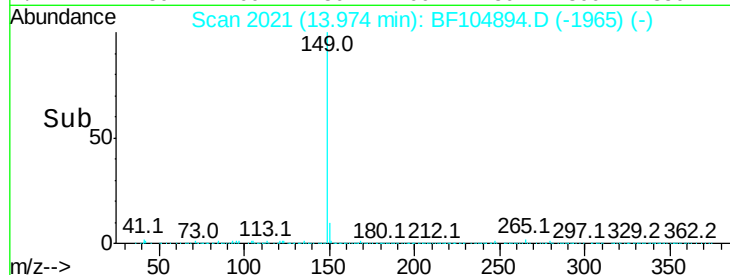
400000

200000

0

13.90 13.95 14.00

Time-->



#84

Di-n-octyl phthalate

Concen: 89.402 ng

RT: 14.56 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BF104894.D

Acq: 27 Apr 2018 21:05

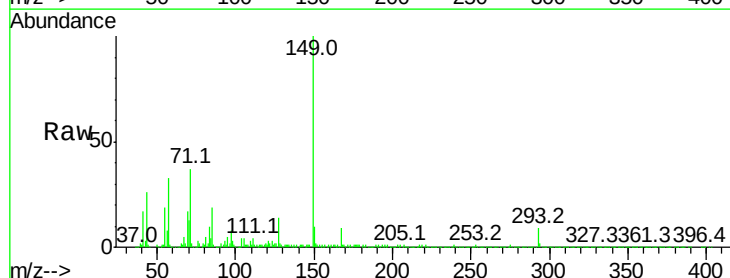
Tgt Ion:149 Resp: 1261666

Ion Ratio Lower Upper

149 100

167 6.4 1.2 1.8#

43 21.7 8.4 12.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

800000

600000

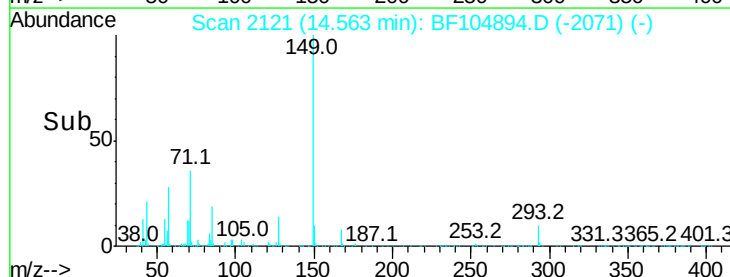
400000

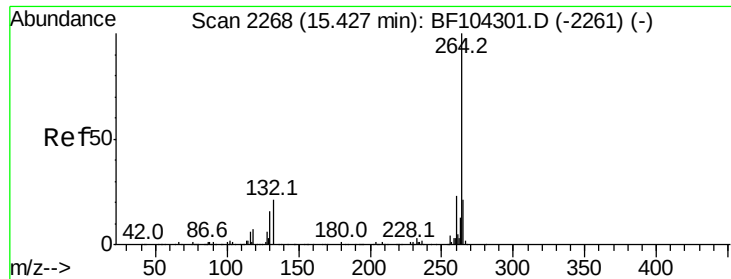
200000

0

14.50 14.55 14.60

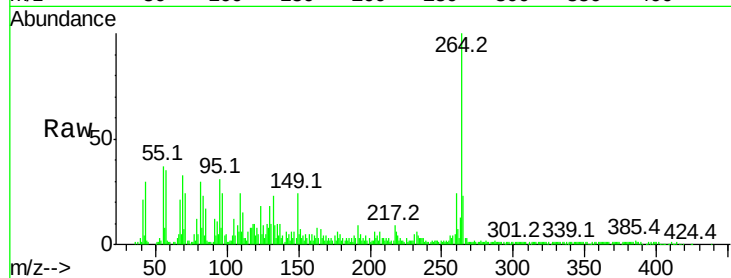
Time-->





#86
Pervlene-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

Tot 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

