

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
 Data File : BF104889.D
 Acq On : 27 Apr 2018 18:51
 Operator : JU/SJ
 Sample : J2522-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

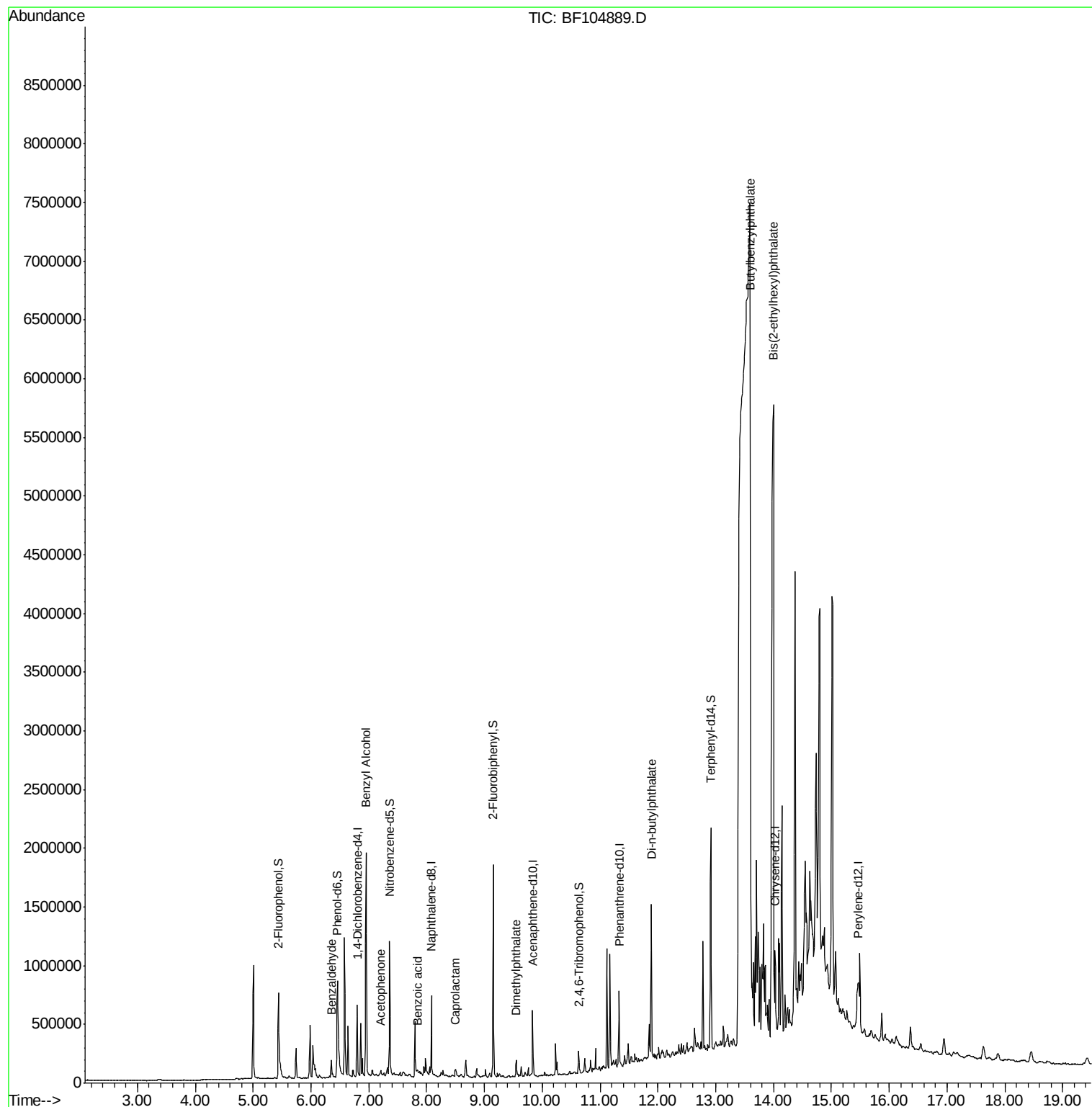
Quant Time: Apr 28 07:22:12 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 17:16:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	83837	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	292697	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	112488	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	211888	20.00	ng	0.00
75) Chrysene-d12	14.03	240	212459	20.00	ng	0.04
86) Perylene-d12	15.47	264	161001	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	364130	66.41	ng	0.02
7) Phenol-d6	6.46	99	534881	79.40	ng	0.01
23) Nitrobenzene-d5	7.36	82	331215	73.89	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	23744	20.35	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	558088	78.38	ng	0.00
78) Terphenyl-d14	12.92	244	618174	66.33	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.35	77	37444	7.746	ng	93
15) Benzyl Alcohol	6.95	79	99147	19.377	ng	97
22) Acetophenone	7.20	105	17433	2.419	ng	# 95
32) Benzoic acid	7.85	122	10759	3.223	ng	88
35) Caprolactam	8.50	113	10105	7.257	ng	89
49) Dimethylphthalate	9.55	163	49066	5.531	ng	98
73) Di-n-butylphthalate	11.89	149	648077	45.264	ng	99
79) Butylbenzylphthalate	13.60	149	18004527m	2426.747	ng	
83) Bis(2-ethylhexyl)phthalate	13.99	149	4235838	443.871	ng	# 99

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

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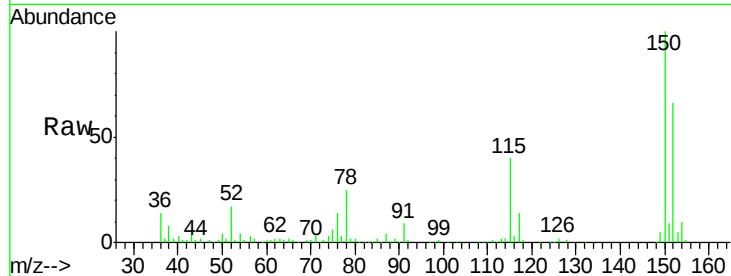




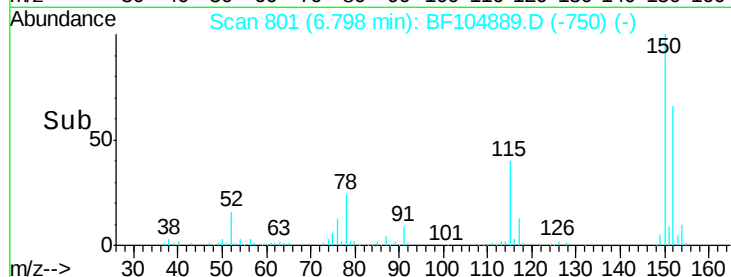
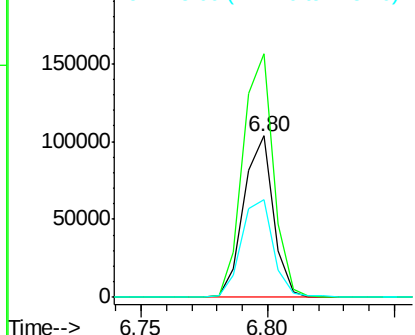
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF104889.D
Acq: 27 Apr 2018 18:51

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.1	124.6	186.8
115	61.0	50.1	75.1



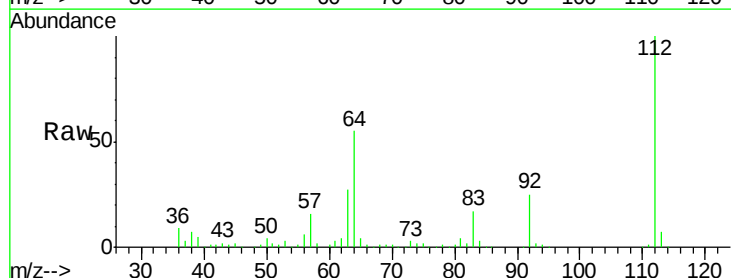
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



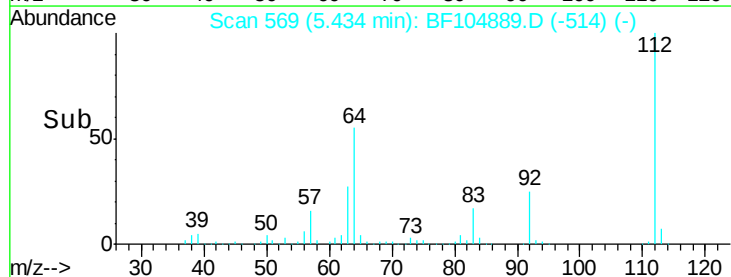
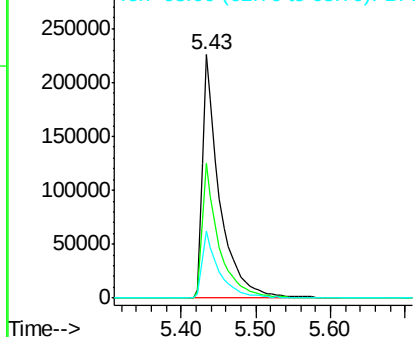
#5

2-Fluorophenol
Concen: 66.412 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.02 min
Lab File: BF104889.D
Acq: 27 Apr 2018 18:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.3	47.9	71.9
63	27.4	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: 79.398 ng

RT: 6.46 min Scan# 743

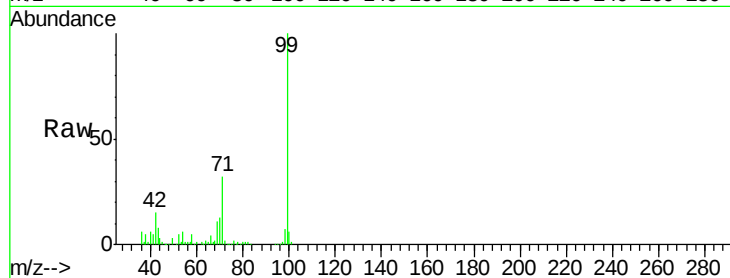
Delta R.T. 0.01 min

Lab File: BF104889.D

Acq: 27 Apr 2018 18:51

Tot Ion: 99 Resp: 534881

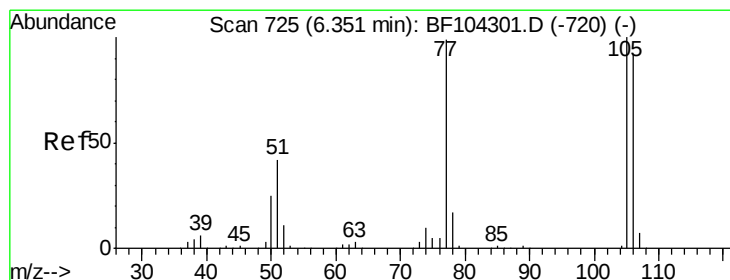
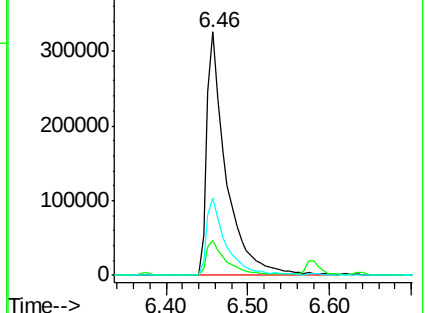
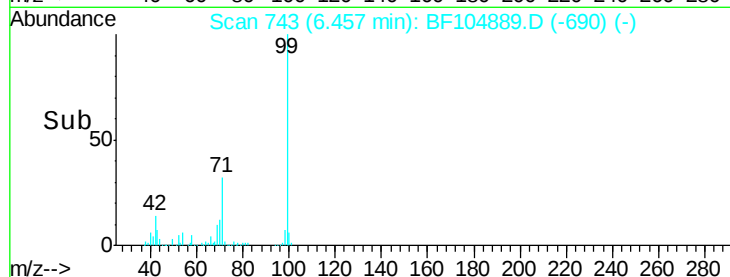
Ion	Ratio	Lower	Upper
99	100		
42	14.5	14.5	21.7
71	31.6	25.4	38.0



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



#9

Benzaldehyde

Concen: 7.746 ng

RT: 6.35 min Scan# 725

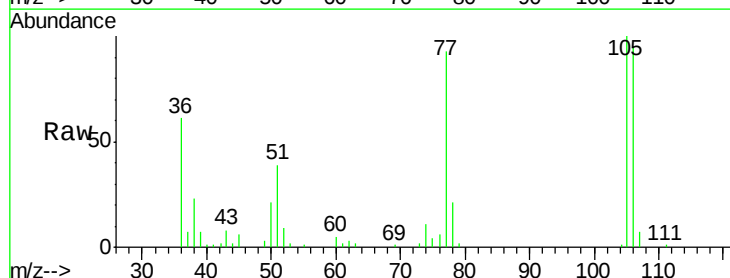
Delta R.T. 0.00 min

Lab File: BF104889.D

Acq: 27 Apr 2018 18:51

Tgt Ion: 77 Resp: 37444

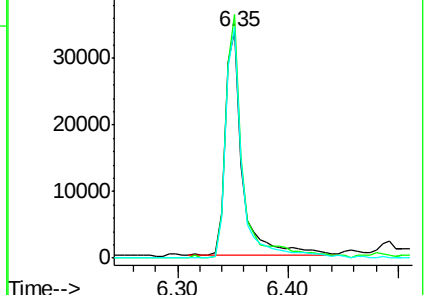
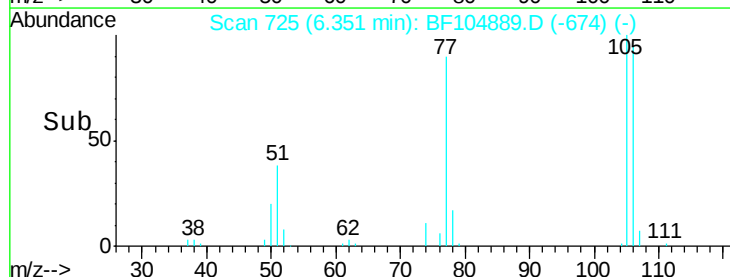
Ion	Ratio	Lower	Upper
77	100		
105	107.4	81.1	121.1
106	101.7	74.5	114.5

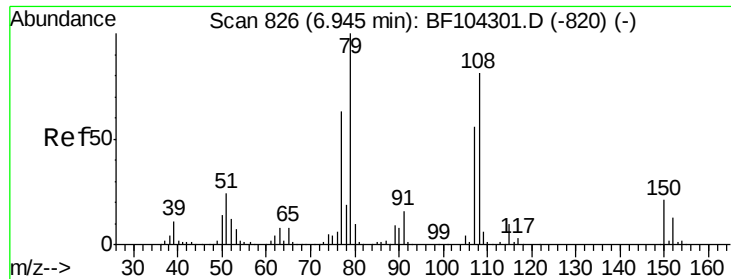


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#15

Benzyl Alcohol

Concen: 19.377 ng

RT: 6.95 min Scan# 826

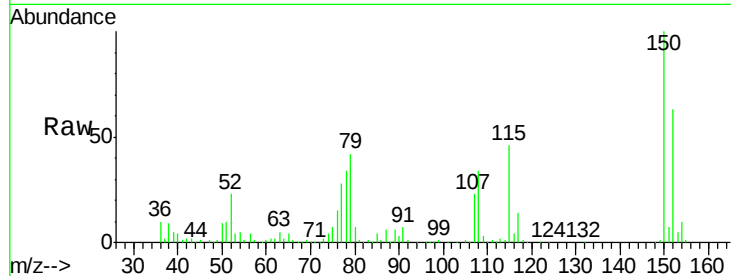
Delta R.T. 0.00 min

Lab File: BF104889.D

Acq: 27 Apr 2018 18:51

Tot Ion: 79 Resp: 99147

Ion	Ratio	Lower	Upper
79	100		
108	79.4	65.1	97.7
77	66.4	50.6	75.8

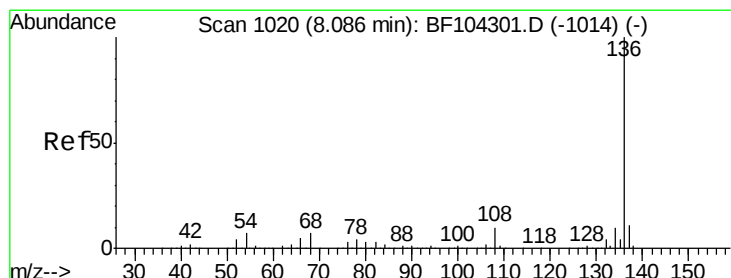
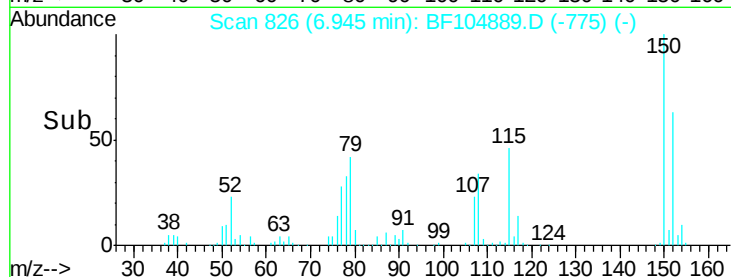
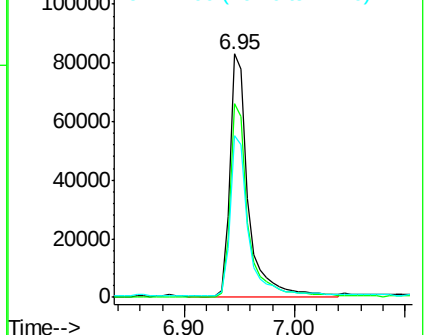


Abundance

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

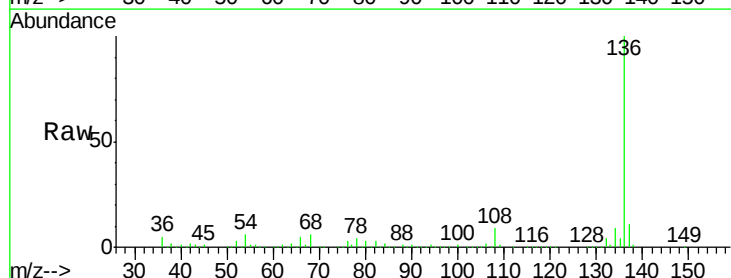
Delta R.T. -0.01 min

Lab File: BF104889.D

Acq: 27 Apr 2018 18:51

Tgt Ion: 136 Resp: 292697

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.3	6.6	9.8
68	5.8	5.0	7.4



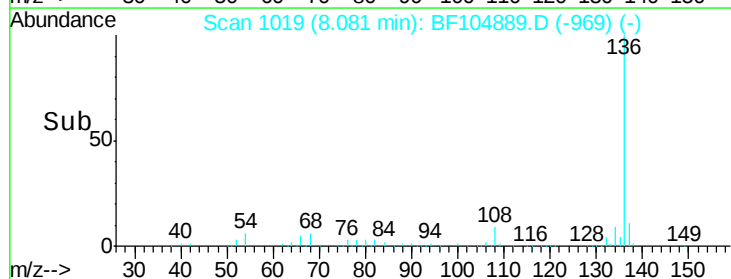
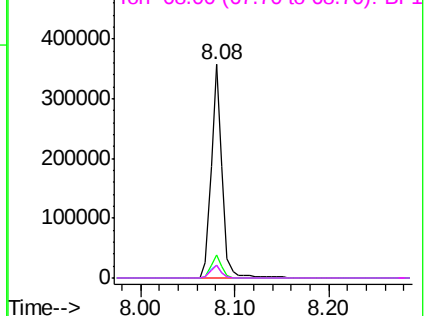
Abundance

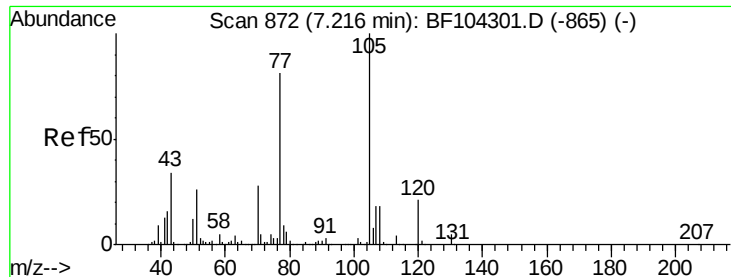
Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

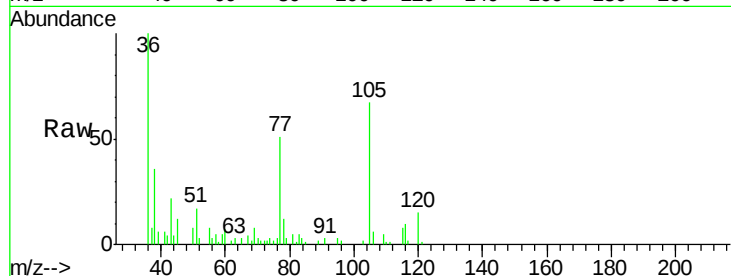
Ion 68.00 (67.70 to 68.70): BF1



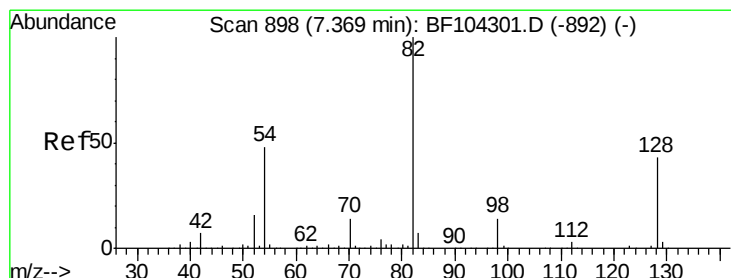
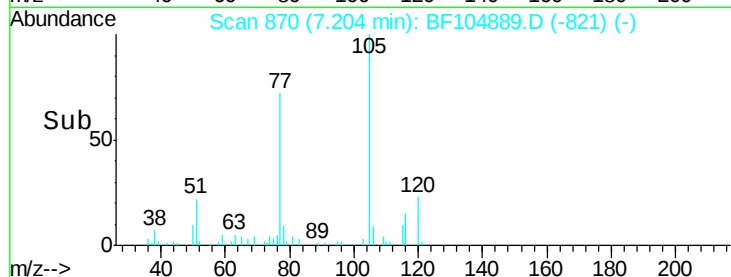
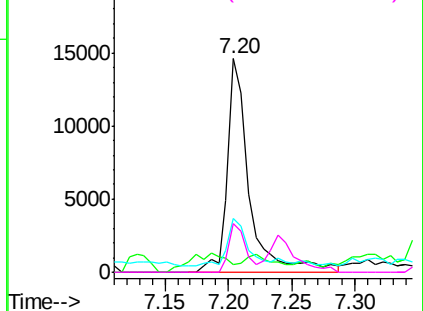


#22
Acetophenone
Concen: 2.419 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF104889.D
Acq: 27 Apr 2018 18:51

Tot Ion:105 Resp: 17433
Ion Ratio Lower Upper
105 100
71 3.5 4.4 6.6#
51 25.3 22.3 33.5
120 22.9 16.9 25.3

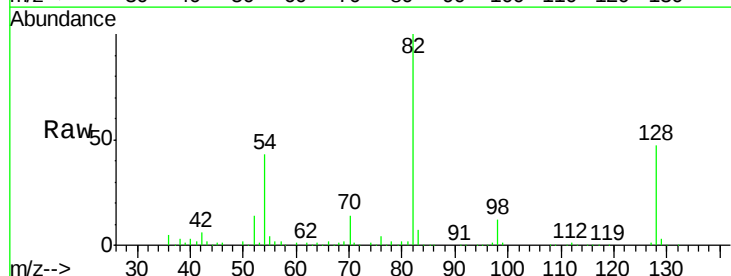


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

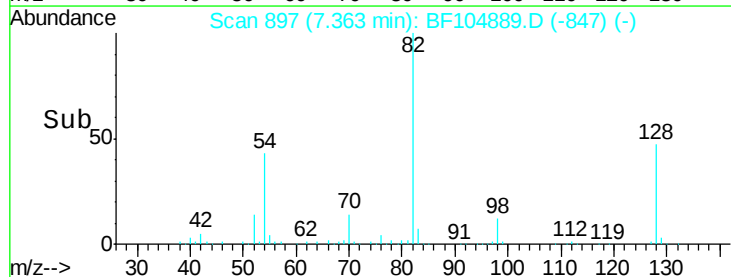
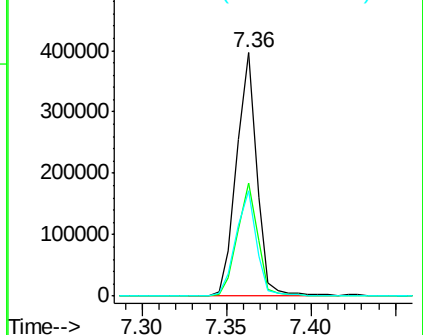


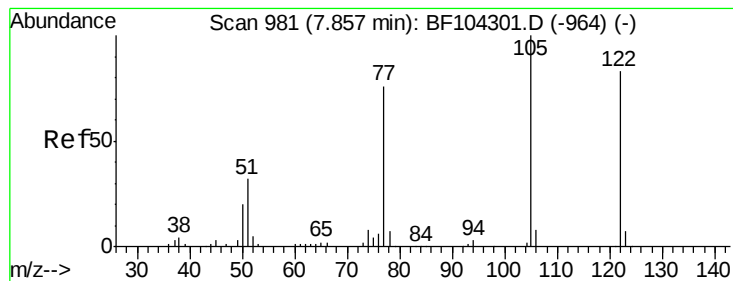
#23
Nitrobenzene-d5
Concen: 73.891 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF104889.D
Acq: 27 Apr 2018 18:51

Tgt Ion: 82 Resp: 331215
Ion Ratio Lower Upper
82 100
128 46.5 36.1 54.1
54 43.4 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





#32

Benzoic acid

Concen: 3.223 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.04 min

Lab File: BF104889.D

Acq: 27 Apr 2018 18:51

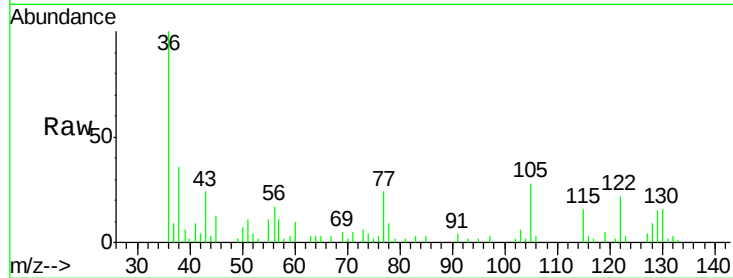
Tot Ion:122 Resp: 10759

Ion Ratio Lower Upper

122 100

105 128.1 101.1 141.1

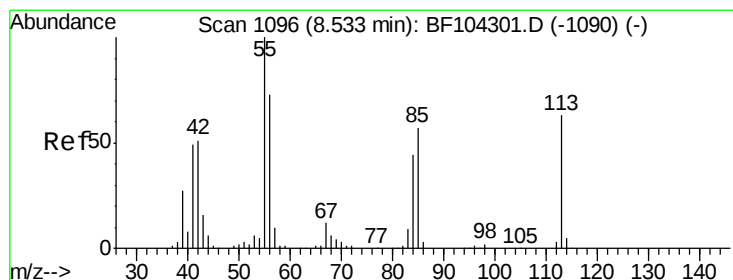
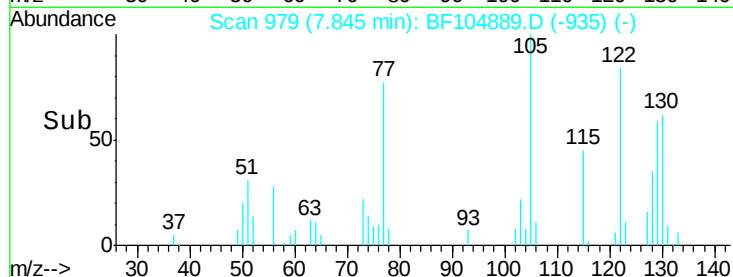
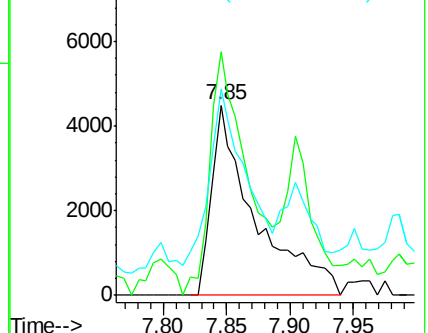
77 108.5 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#35

Caprolactam

Concen: 7.257 ng

RT: 8.50 min Scan# 1090

Delta R.T. -0.05 min

Lab File: BF104889.D

Acq: 27 Apr 2018 18:51

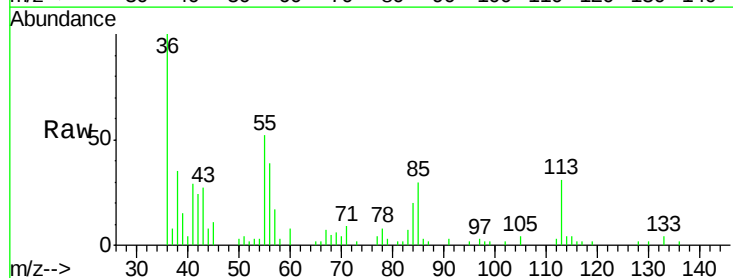
Tgt Ion:113 Resp: 10105

Ion Ratio Lower Upper

113 100

55 166.6 163.3 203.3

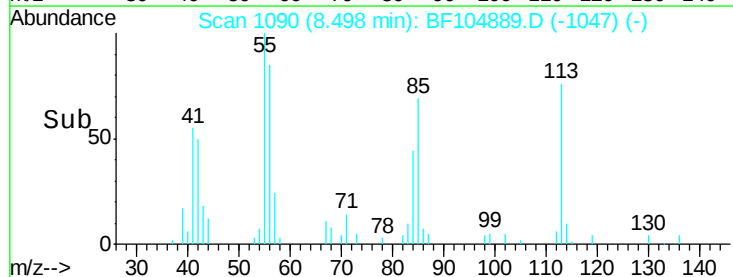
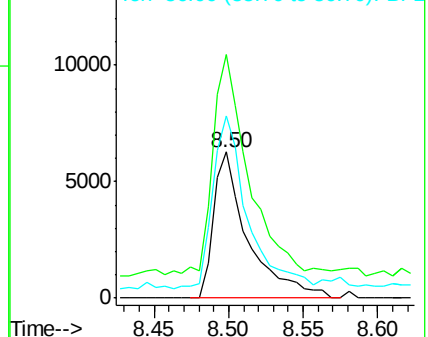
56 124.5 115.7 155.7

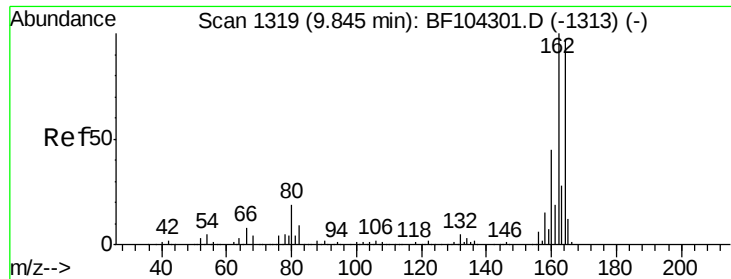


Abundance Ion 113.00 (112.70 to 113.70): E

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: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF104889.D

Acq: 27 Apr 2018 18:51

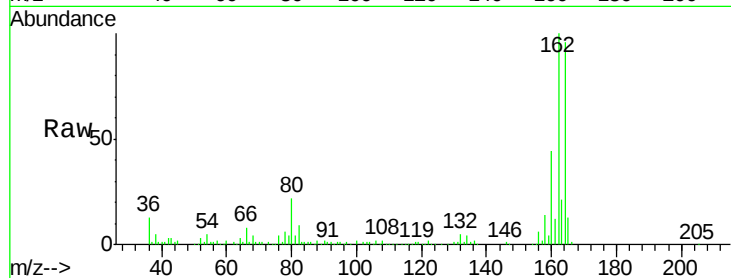
Tot Ion:164 Resp: 112488

Ion Ratio Lower Upper

164 100

162 103.7 86.1 129.1

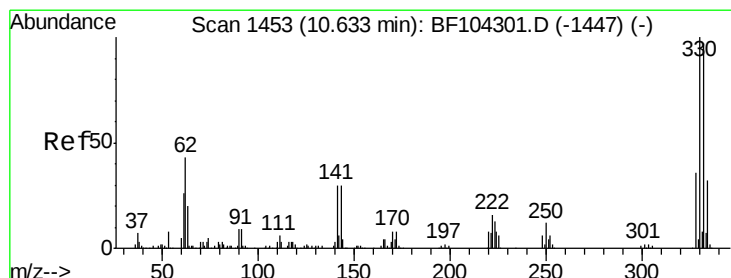
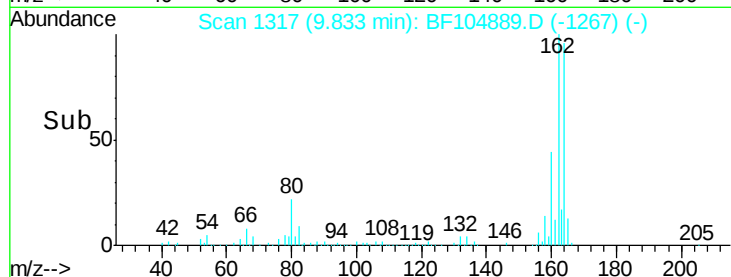
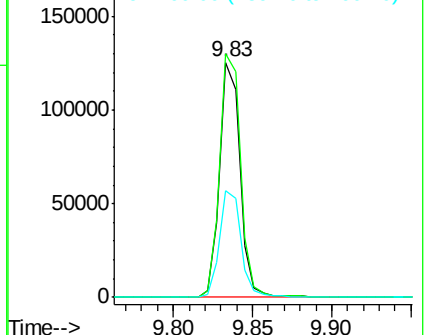
160 45.5 38.3 57.5



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: 20.348 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF104889.D

Acq: 27 Apr 2018 18:51

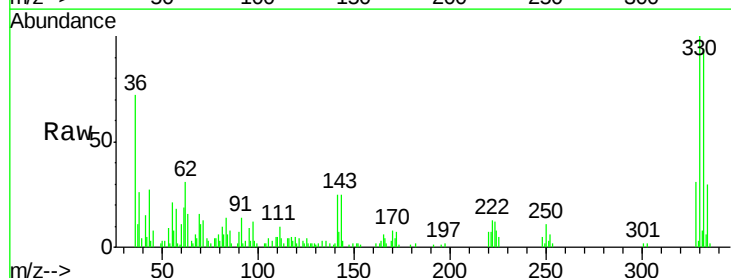
Tgt Ion:330 Resp: 23744

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

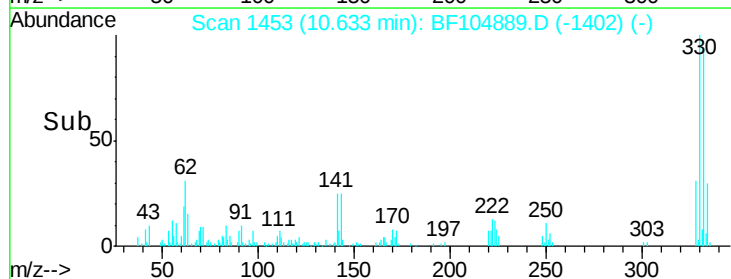
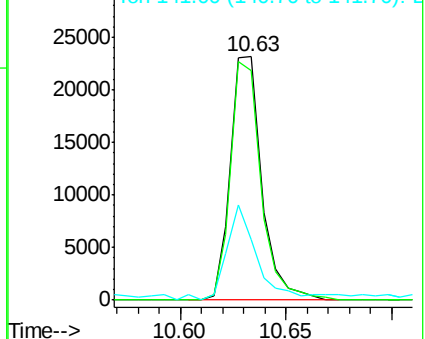
141 38.5 29.9 44.9

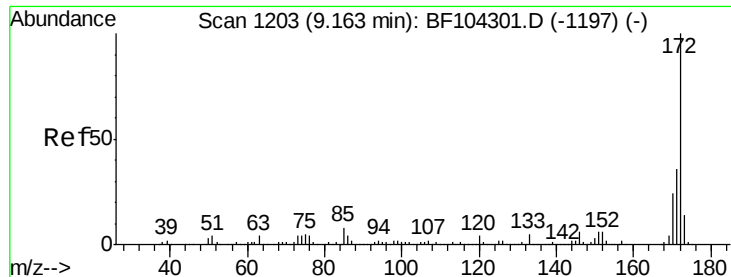


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

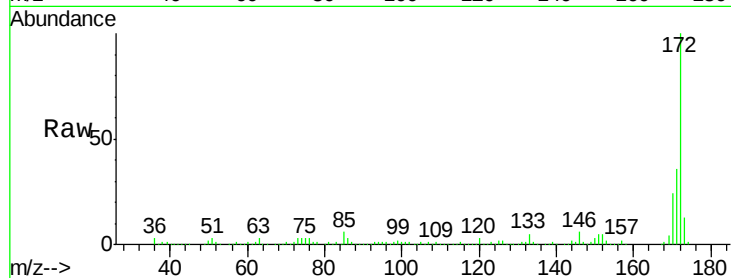
Ion 141.00 (140.70 to 141.70): E



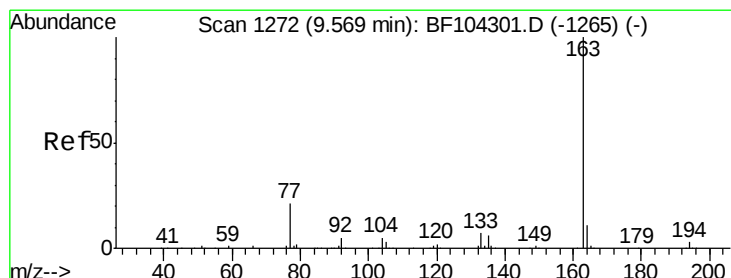
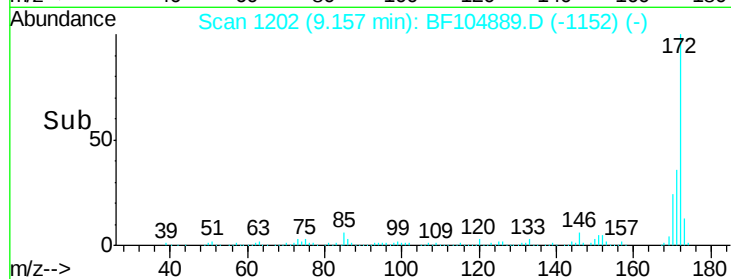
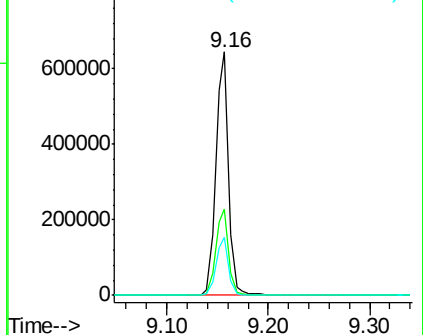


#44
2-Fluorobiphenyl
Concen: 78.376 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF104889.D
Acq: 27 Apr 2018 18:51

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.6	19.6	29.4

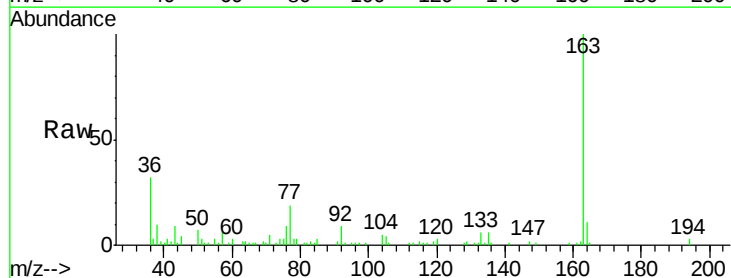


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

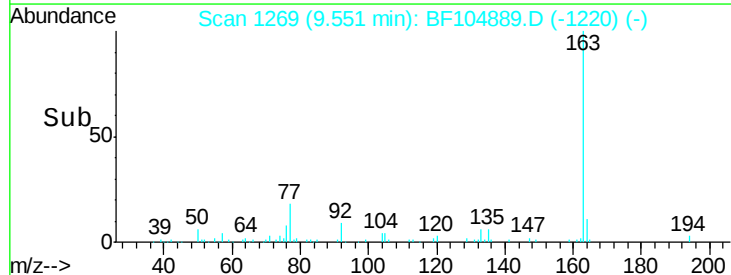
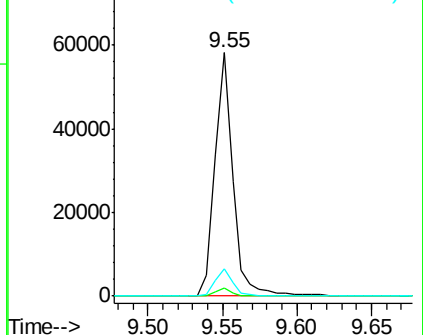


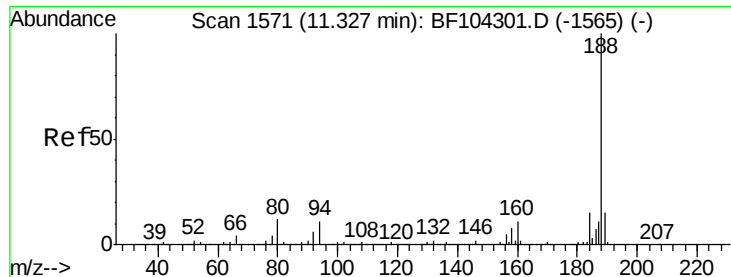
#49
Dimethylphthalate
Concen: 5.531 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF104889.D
Acq: 27 Apr 2018 18:51

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	11.3	8.2	12.2



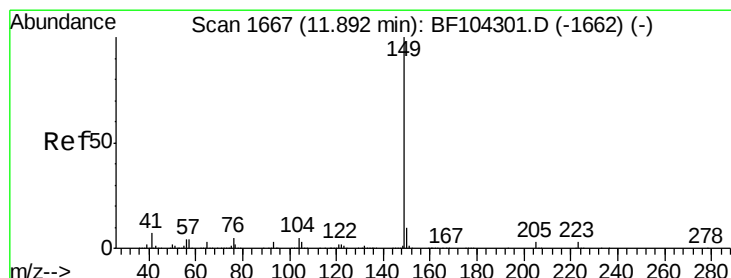
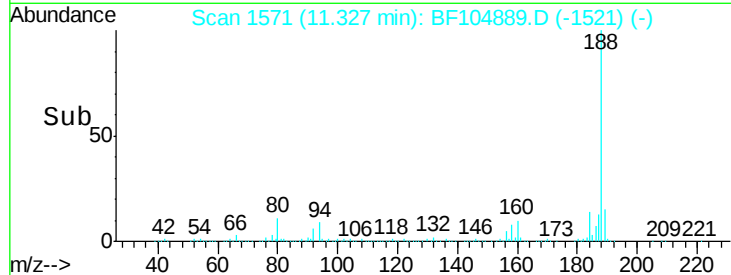
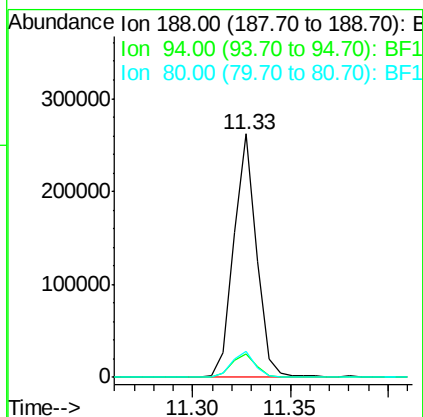
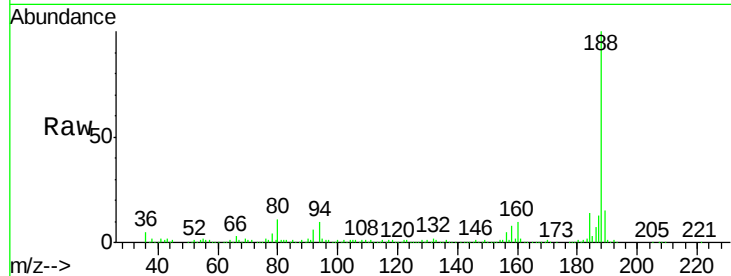
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





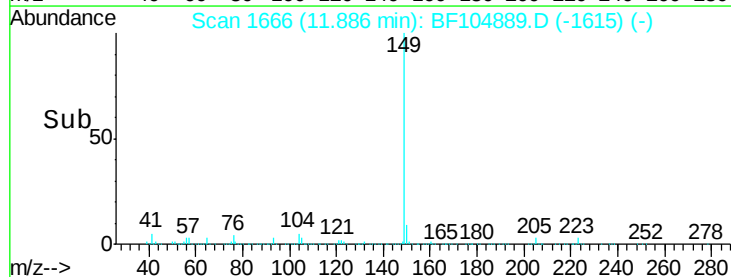
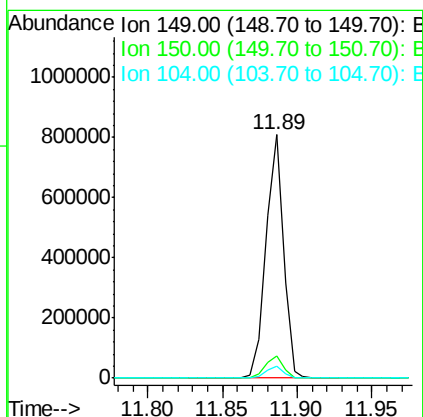
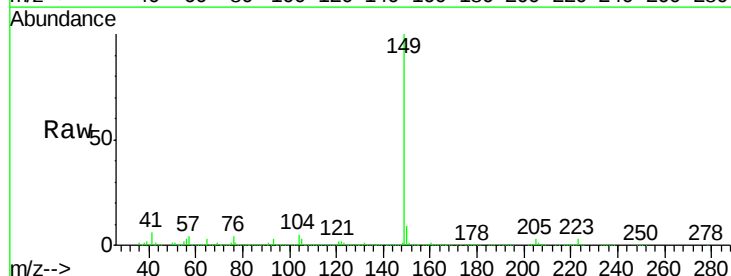
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF104889.D
 Acq: 27 Apr 2018 18:51

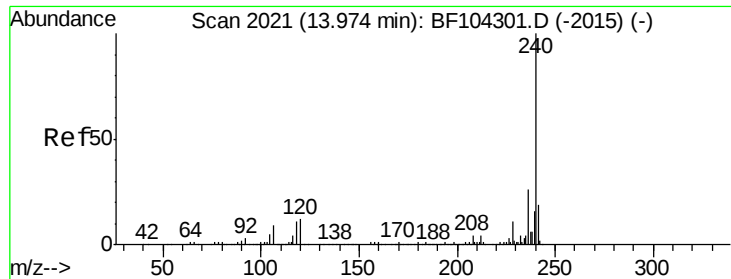
Tot Ion:188	Resp:	211888
Ion Ratio	Lower	Upper
188 100		
94 9.6	8.5	12.7
80 10.8	9.2	13.8



#73
 Di-n-butylphthalate
 Concen: 45.264 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. 0.00 min
 Lab File: BF104889.D
 Acq: 27 Apr 2018 18:51

Tgt Ion:149	Resp:	648077
Ion Ratio	Lower	Upper
149 100		
150 9.1	7.8	11.6
104 4.8	3.8	5.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

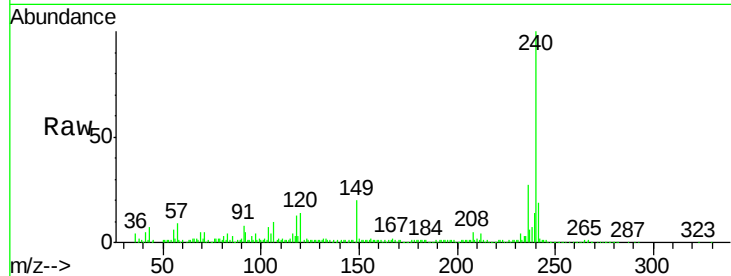
Delta R.T. 0.04 min

Lab File: BF104889.D

Acq: 27 Apr 2018 18:51

Tot Ion:240 Resp: 212459

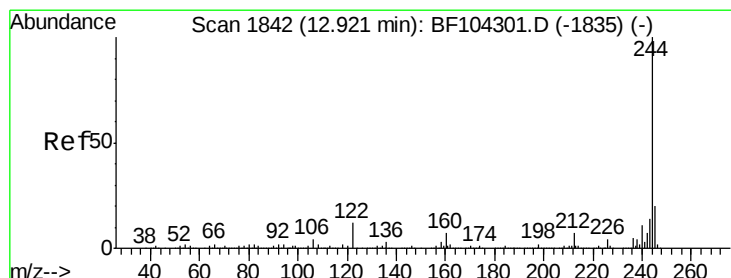
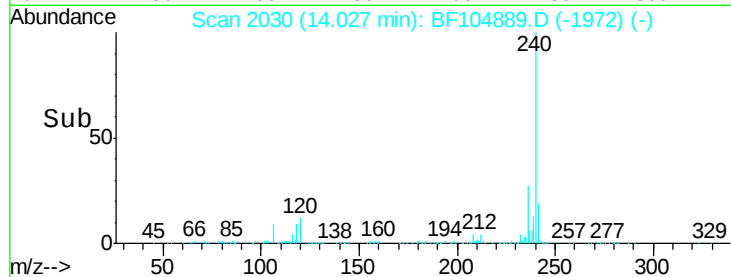
Ion	Ratio	Lower	Upper
240	100		
120	13.7	9.5	14.3
236	27.2	20.7	31.1



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: 66.334 ng

RT: 12.92 min Scan# 1841

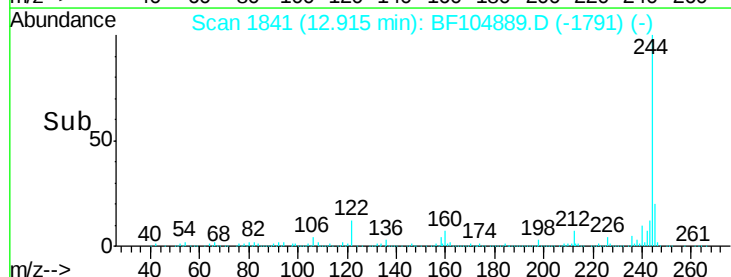
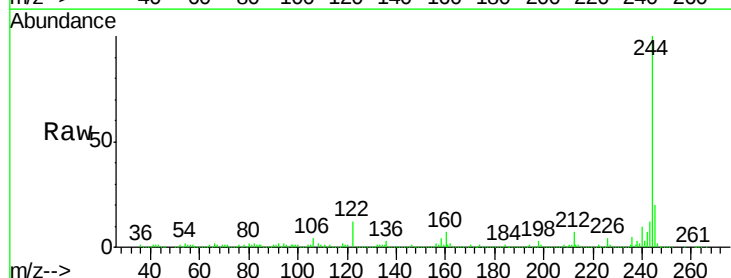
Delta R.T. -0.01 min

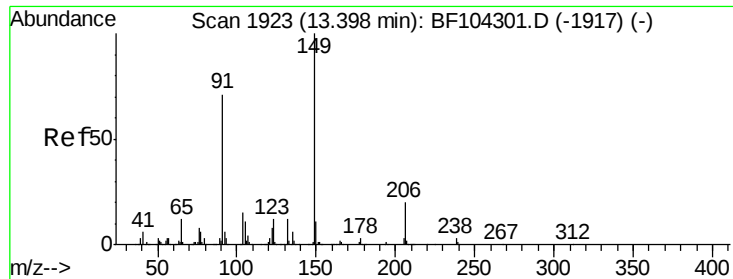
Lab File: BF104889.D

Acq: 27 Apr 2018 18:51

Tgt Ion:244 Resp: 618174

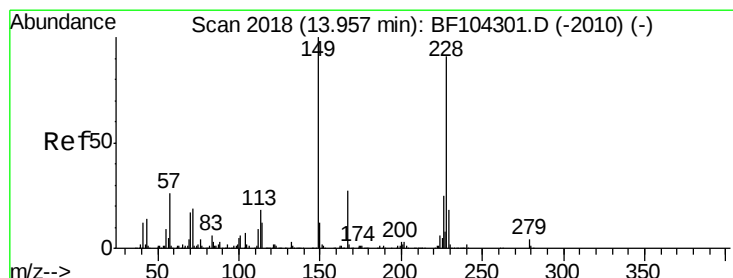
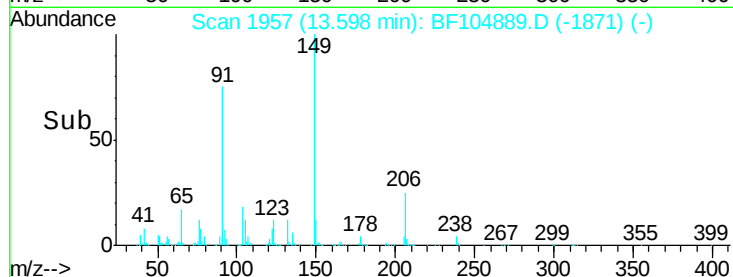
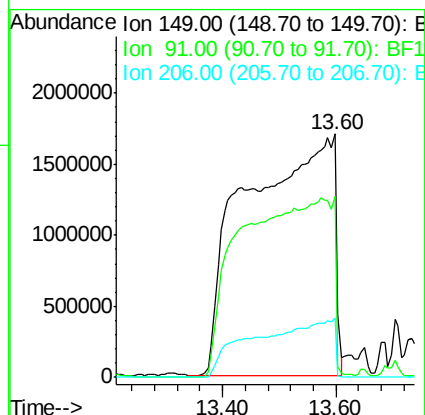
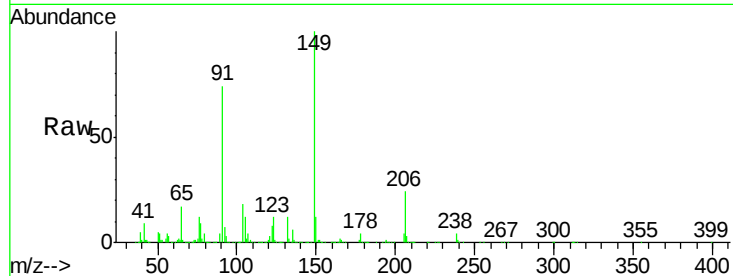
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.7	11.0	16.4





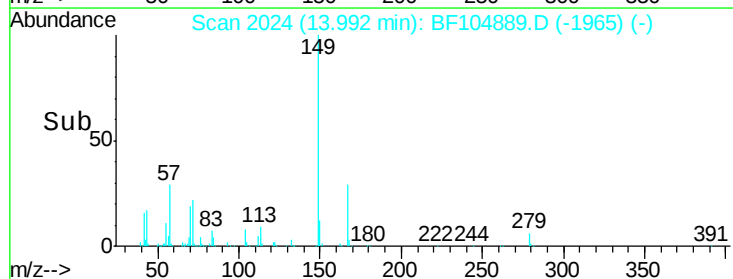
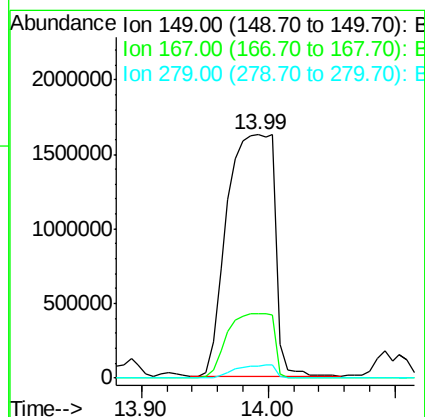
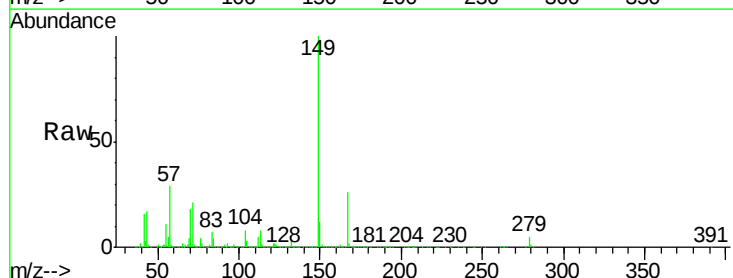
#79
Butylbenzylphthalate
Concen: 2426.747 ng/mL
RT: 13.60 min Scan# 1957
Delta R.T. 0.21 min
Lab File: BF104889.D
Acq: 27 Apr 2018 18:51

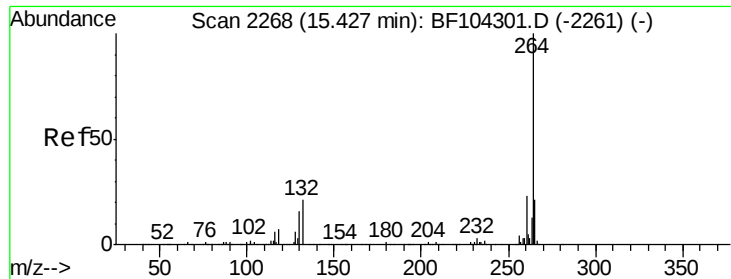
Tot Ion:149 Resp:18004527
Ion Ratio Lower Upper
149 100
91 74.2 56.8 85.2
206 24.5 14.1 21.1#



#83
Bis(2-ethylhexyl)phthalate
Concen: 443.871 ng/mL
RT: 13.99 min Scan# 2024
Delta R.T. 0.05 min
Lab File: BF104889.D
Acq: 27 Apr 2018 18:51

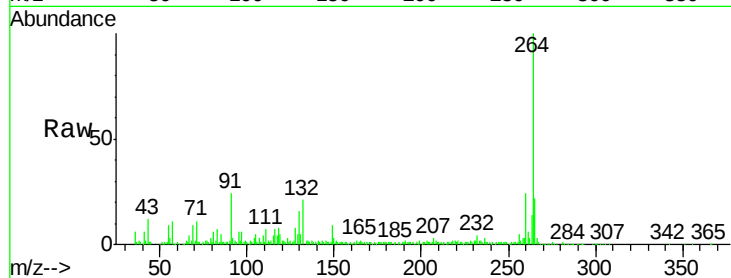
Tgt Ion:149 Resp: 4235838
Ion Ratio Lower Upper
149 100
167 26.2 21.3 31.9
279 4.9 3.0 4.4#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.02 min
Lab File: BF104889.D
Acq: 27 Apr 2018 18:51

Tot Ion:	264	Resp:	161001
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.5	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

