

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
 Data File : BF104891.D
 Acq On : 27 Apr 2018 19:45
 Operator : JU/SJ
 Sample : J2522-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

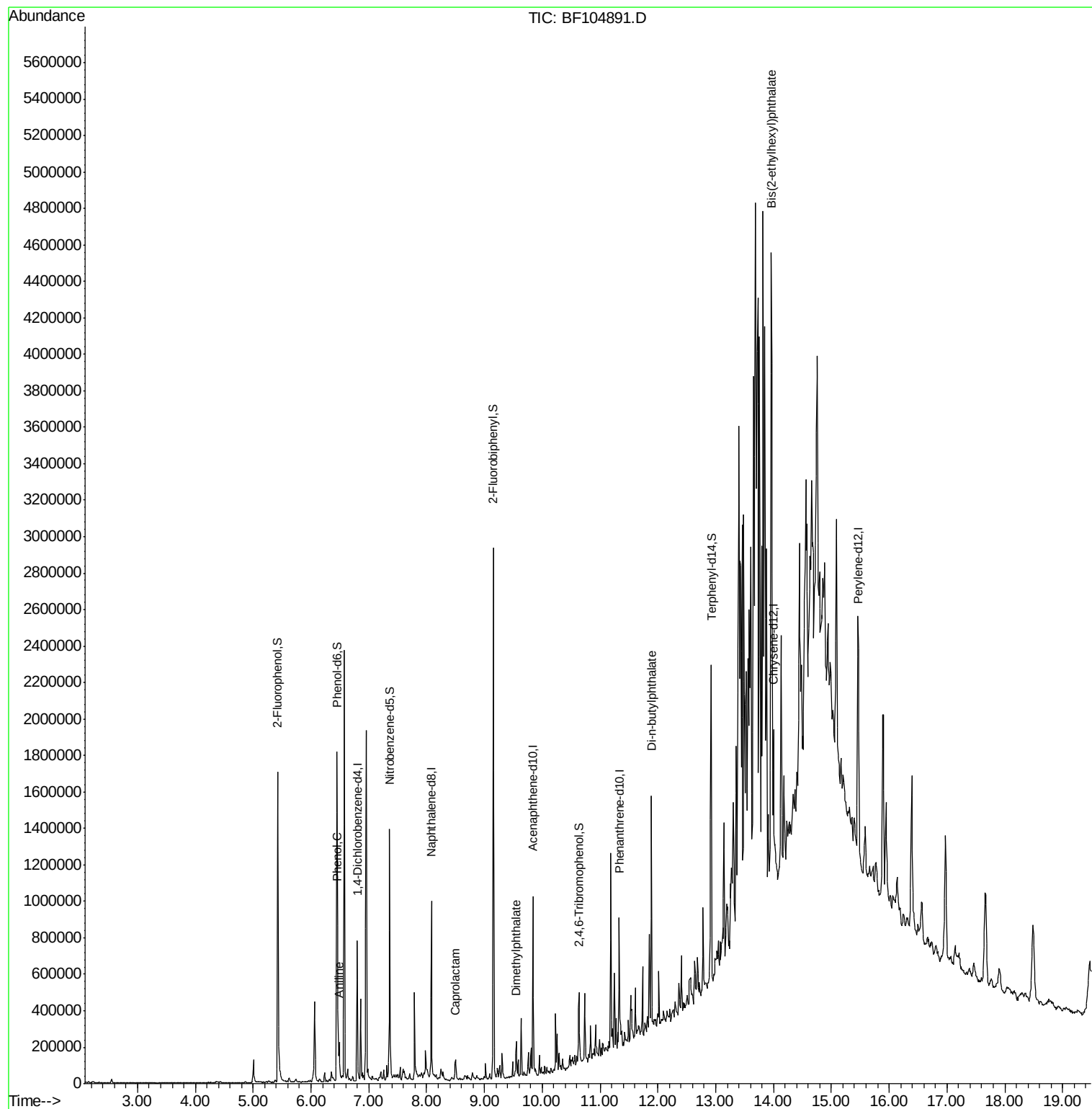
Quant Time: Apr 27 23:27:37 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 17:16:11 2018
 Response via : Initial Calibration

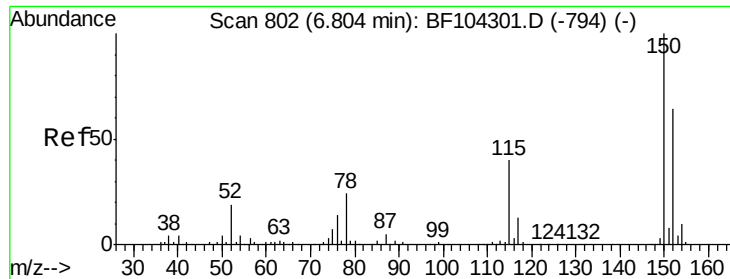
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	106009	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	414447	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	171113	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	257828	20.00	ng	0.00
75) Chrysene-d12	14.00	240	200297	20.00	ng	0.01
86) Perylene-d12	15.47	264	136898	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	624539	90.08	ng	0.01
7) Phenol-d6	6.45	99	790143	92.76	ng	0.00
23) Nitrobenzene-d5	7.36	82	472831	74.50	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	41263	23.25	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	856364	79.06	ng	0.00
78) Terphenyl-d14	12.92	244	662929	75.46	ng	0.00
Target Compounds						
6) Aniline	6.49	93	35855	3.030	ng	Qvalue # 52
10) Phenol	6.46	94	21522	2.381	ng	# 72
35) Caprolactam	8.50	113	13683	6.940	ng	91
49) Dimethylphthalate	9.55	163	64922	4.811	ng	99
73) Di-n-butylphthalate	11.89	149	660711	37.924	ng	100
83) Bis(2-ethylhexyl)phthalate	13.96	149	1940461	215.687	ng	98

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

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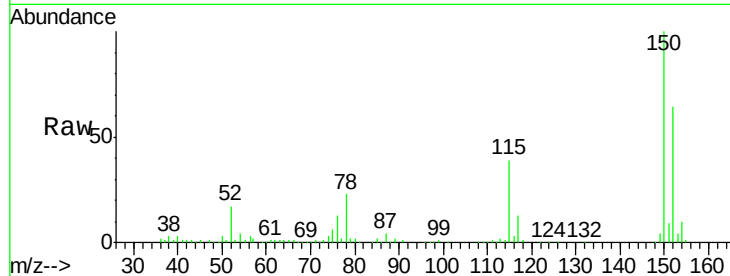




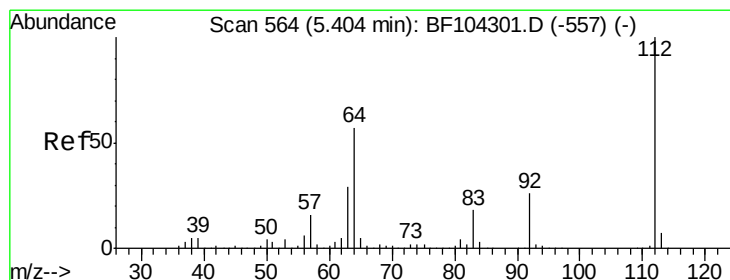
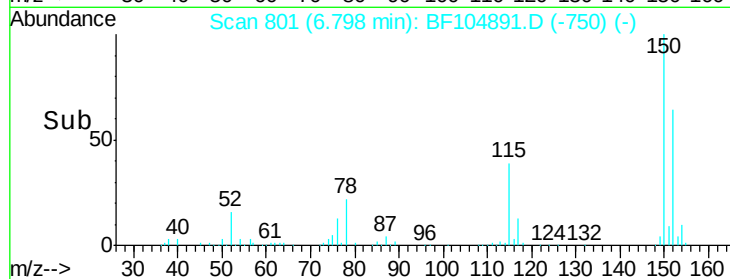
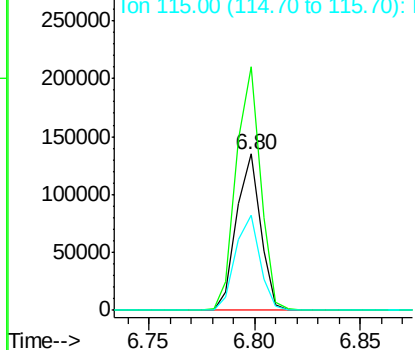
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF104891.D
Acq: 27 Apr 2018 19:45

Tot Ion:152 Resp: 106009
Ion Ratio Lower Upper
152 100
150 156.1 124.6 186.8
115 61.2 50.1 75.1



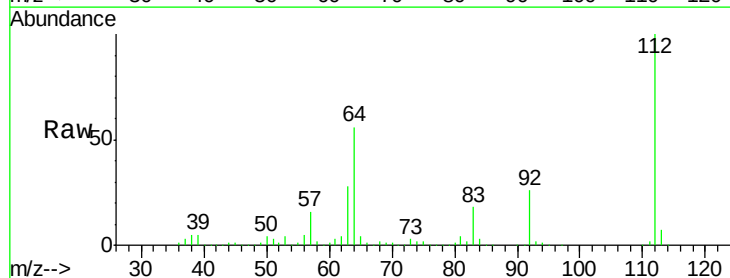
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



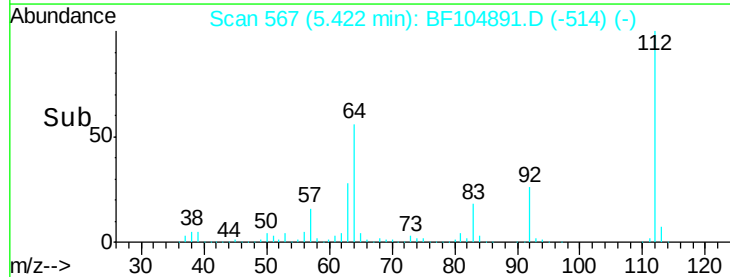
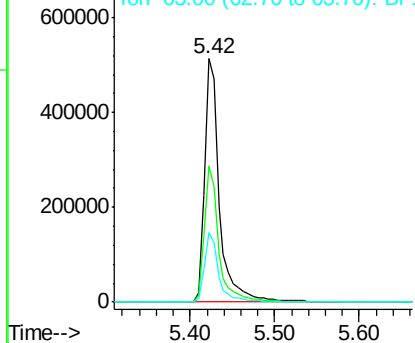
#5

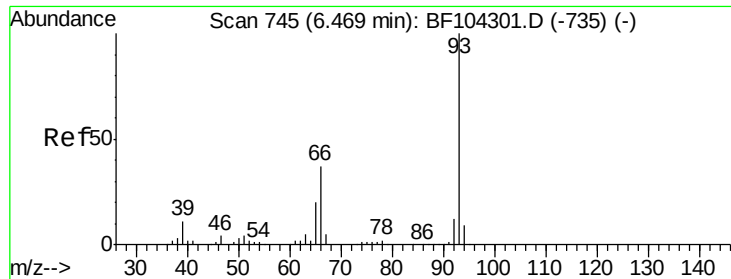
2-Fluorophenol
Concen: 90.082 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104891.D
Acq: 27 Apr 2018 19:45

Tgt Ion:112 Resp: 624539
Ion Ratio Lower Upper
112 100
64 55.9 47.9 71.9
63 28.3 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





#6

Aniline

Concen: 3.030 ng

RT: 6.49 min Scan# 749

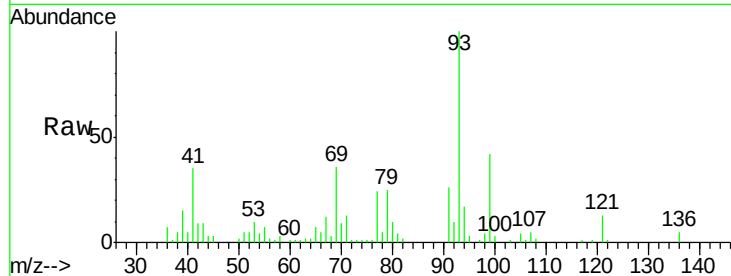
Delta R.T. 0.03 min

Lab File: BF104891.D

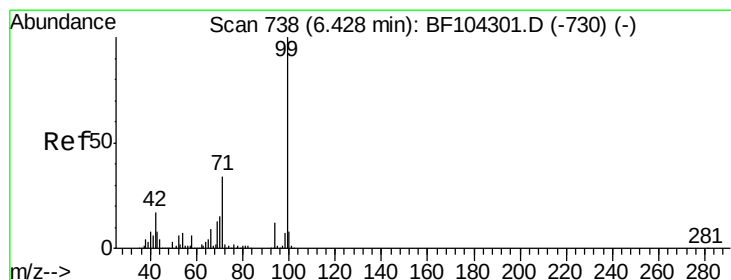
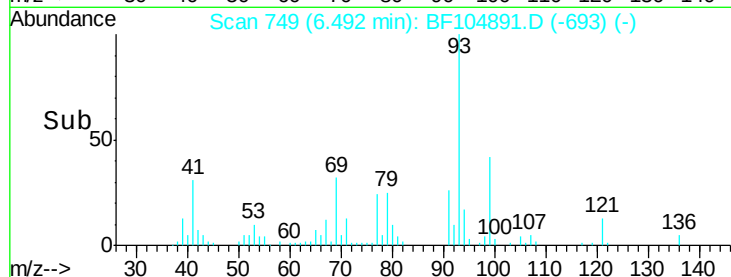
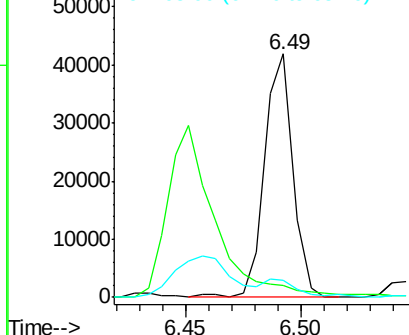
Acq: 27 Apr 2018 19:45

Tot Ion: 93 Resp: 35855

Ion	Ratio	Lower	Upper
93	100		
66	4.7	32.2	48.2#
65	7.1	16.4	24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1



#7

Phenol-d6

Concen: 92.758 ng

RT: 6.45 min Scan# 742

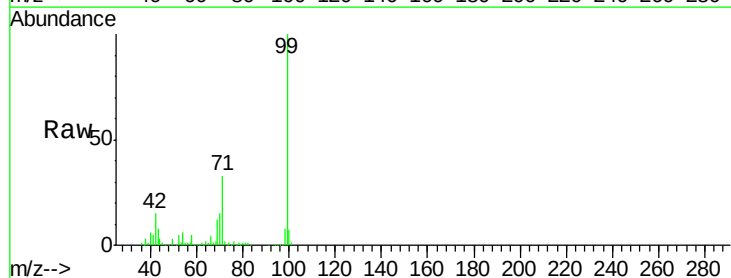
Delta R.T. 0.01 min

Lab File: BF104891.D

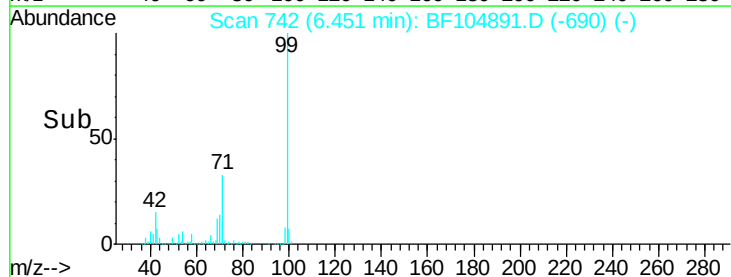
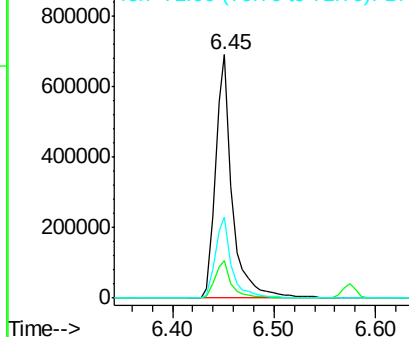
Acq: 27 Apr 2018 19:45

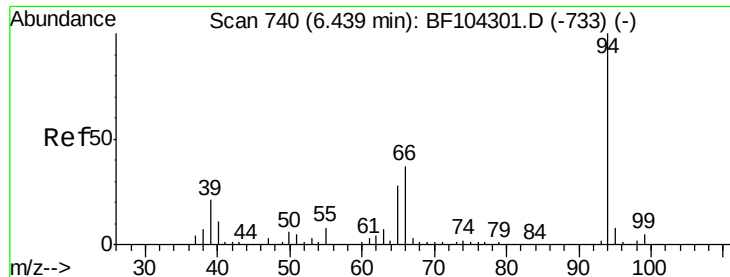
Tgt Ion: 99 Resp: 790143

Ion	Ratio	Lower	Upper
99	100		
42	15.2	14.5	21.7
71	33.2	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: 2.381 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF104891.D

Acq: 27 Apr 2018 19:45

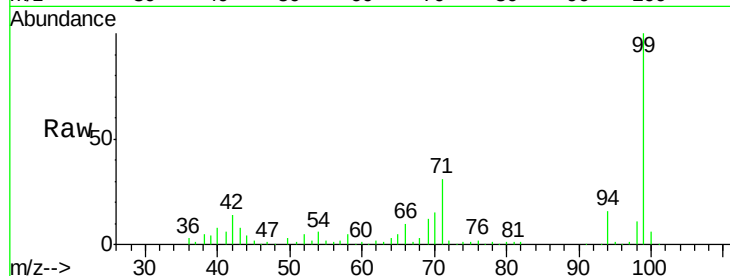
Tot Ion: 94 Resp: 21522

Ion Ratio Lower Upper

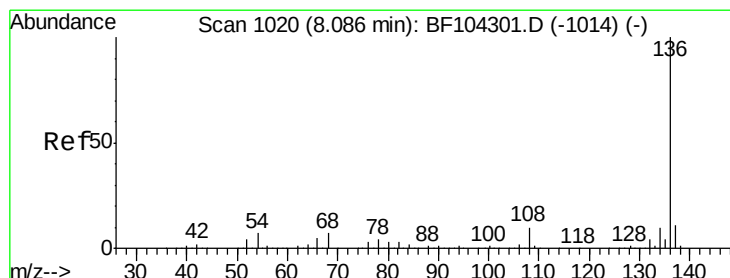
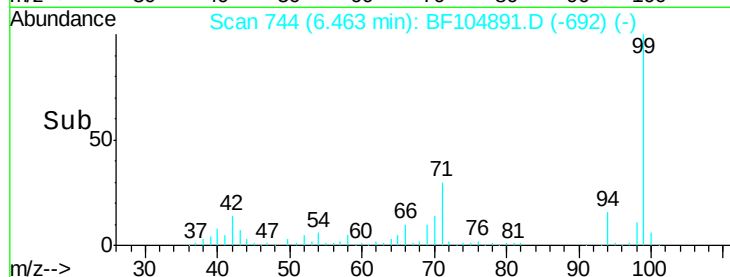
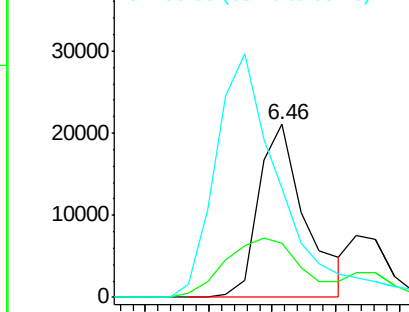
94 100

65 31.2 7.9 47.9

66 62.9 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF104891.D

Acq: 27 Apr 2018 19:45

Tgt Ion: 136 Resp: 414447

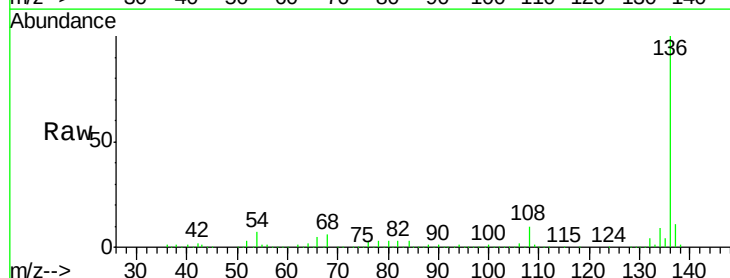
Ion Ratio Lower Upper

136 100

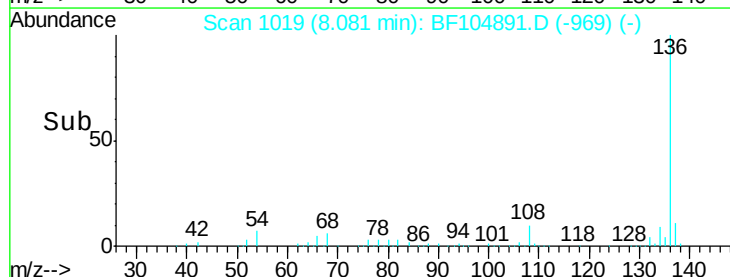
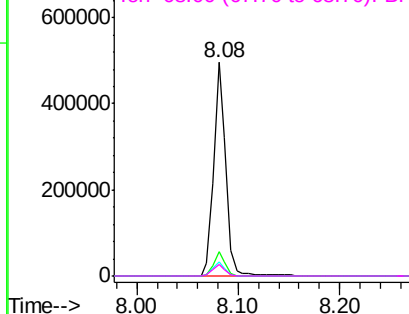
137 11.2 8.9 13.3

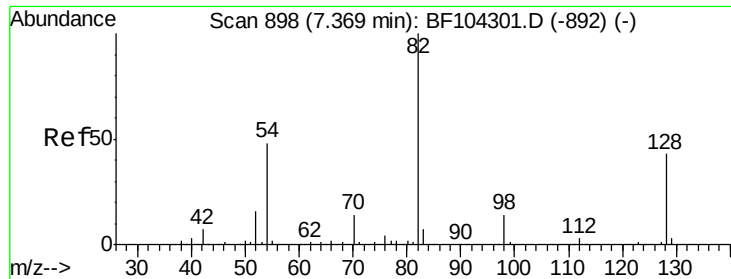
54 6.7 6.6 9.8

68 5.6 5.0 7.4



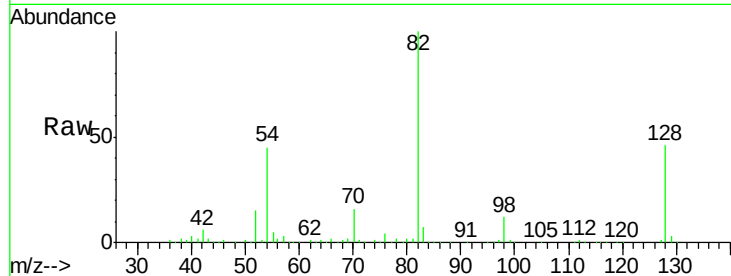
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



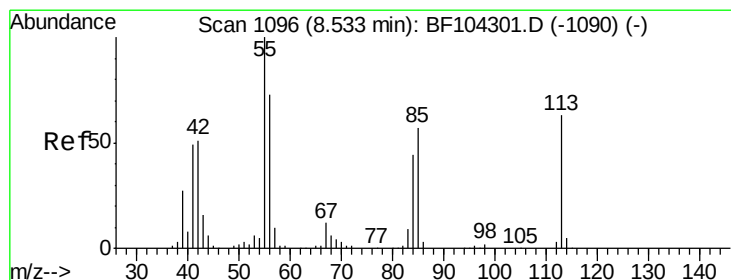
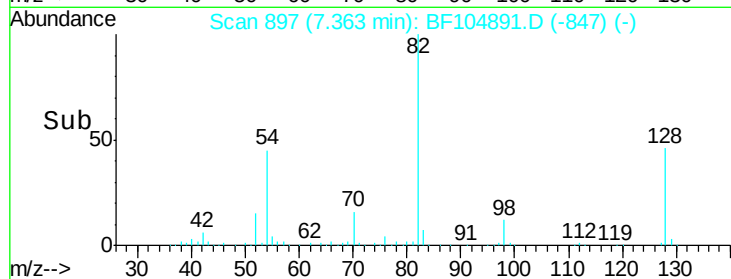
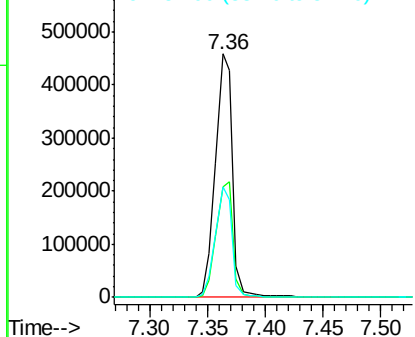


#23
Nitrobenzene-d5
Concen: 74.497 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF104891.D
Acq: 27 Apr 2018 19:45

Tot Ion	82	Resp	472831
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
54	45.2	41.4	62.2

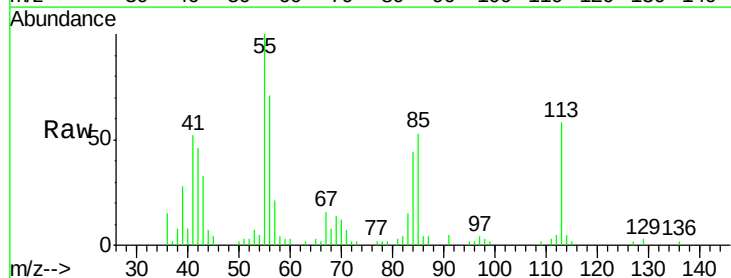


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

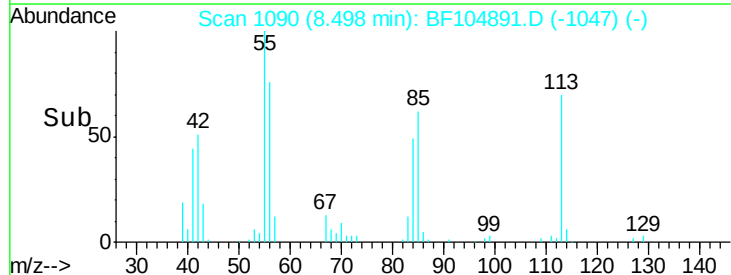
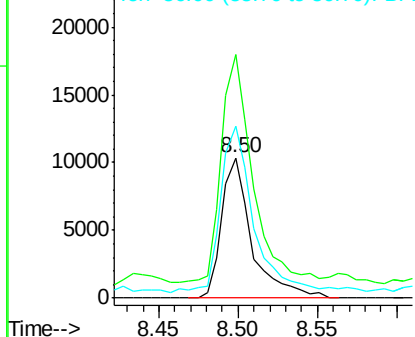


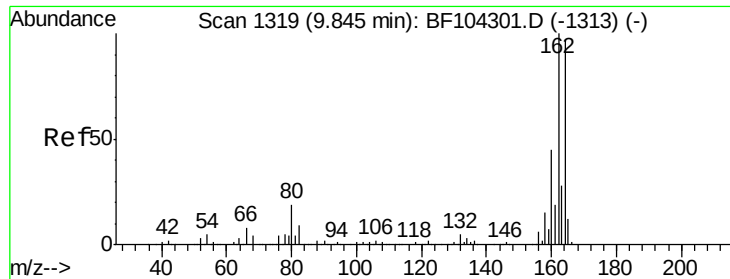
#35
Caprolactam
Concen: 6.940 ng
RT: 8.50 min Scan# 1090
Delta R.T. -0.05 min
Lab File: BF104891.D
Acq: 27 Apr 2018 19:45

Tgt Ion	113	Resp	13683
Ion Ratio	100		
Lower	163.3		
Upper	203.3		
55	173.4	115.7	155.7
56	122.3		



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: BF104891.D

Acq: 27 Apr 2018 19:45

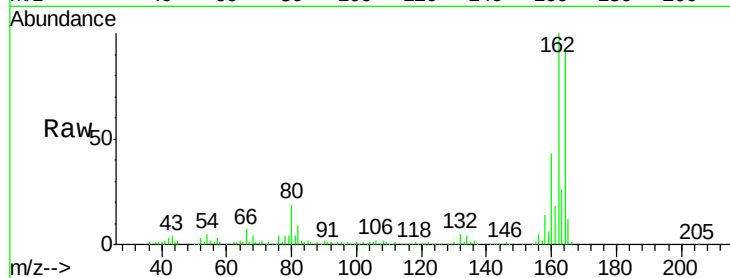
Tot Ion:164 Resp: 171113

Ion Ratio Lower Upper

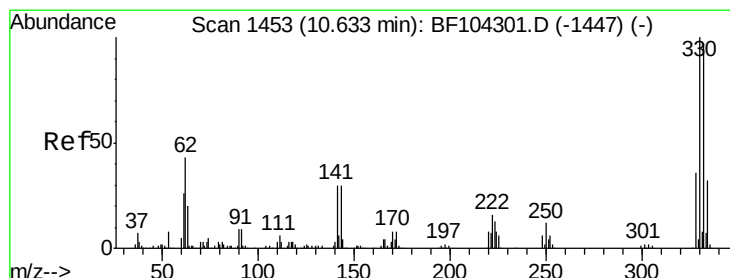
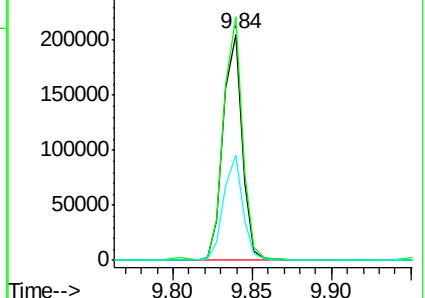
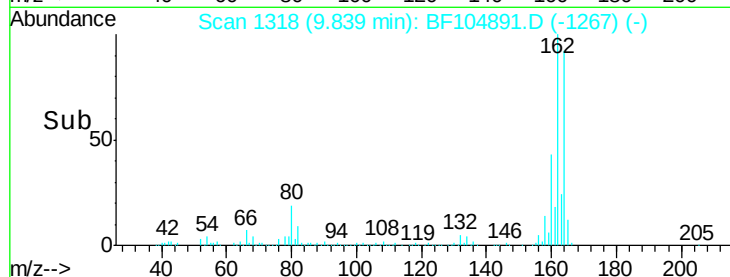
164 100

162 107.8 86.1 129.1

160 46.7 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: 23.247 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF104891.D

Acq: 27 Apr 2018 19:45

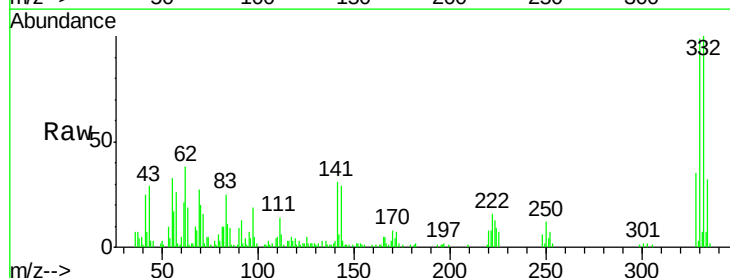
Tgt Ion:330 Resp: 41263

Ion Ratio Lower Upper

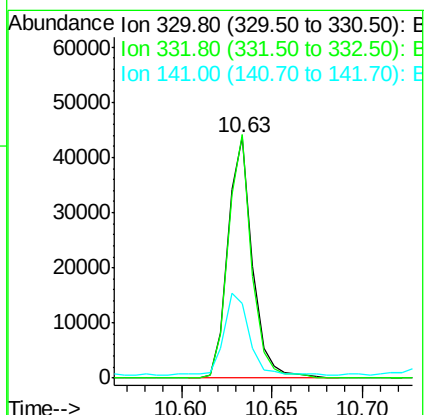
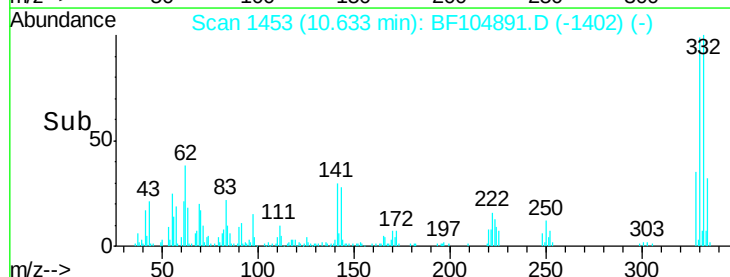
330 100

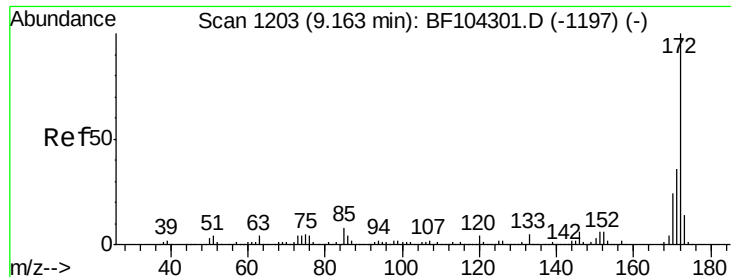
332 96.4 77.0 115.6

141 34.1 29.9 44.9



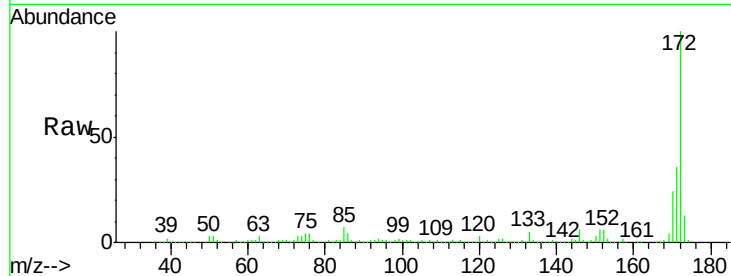
Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



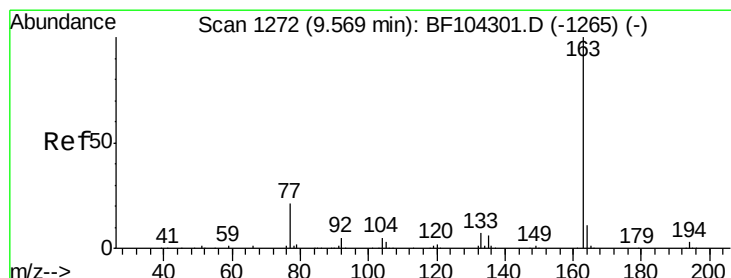
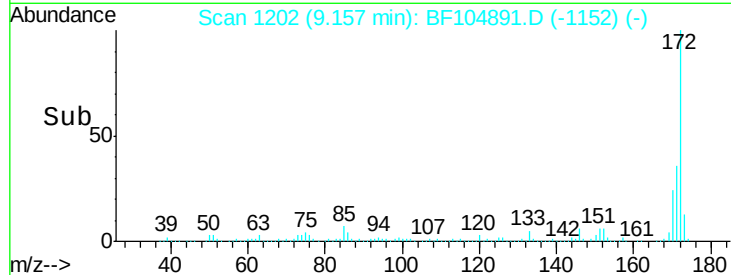
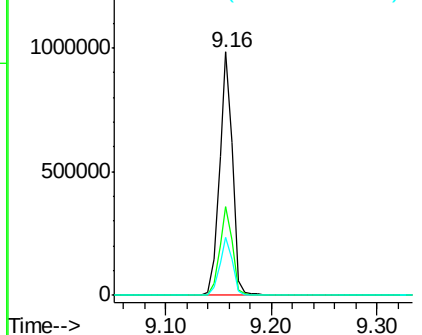


#44
2-Fluorobiphenyl
Concen: 79.061 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF104891.D
Acq: 27 Apr 2018 19:45

Tot Ion:172 Resp: 856364
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 23.8 19.6 29.4

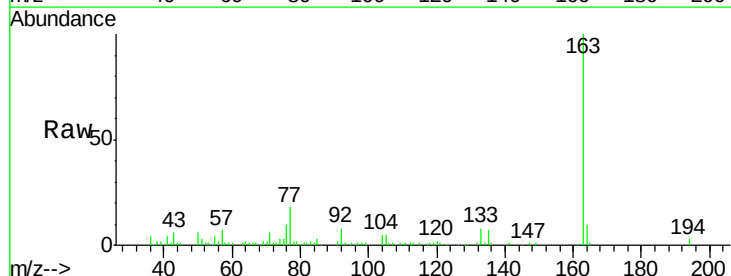


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

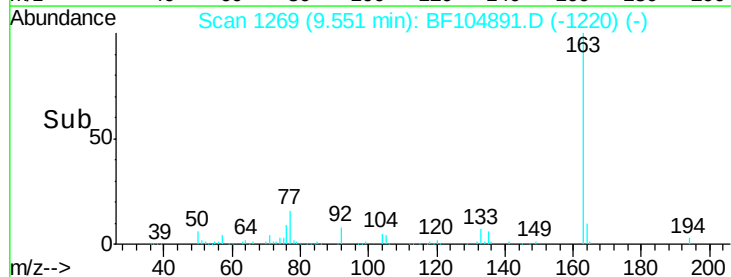
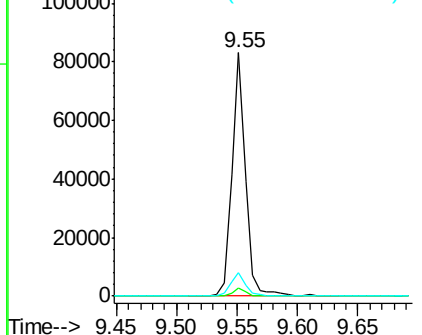


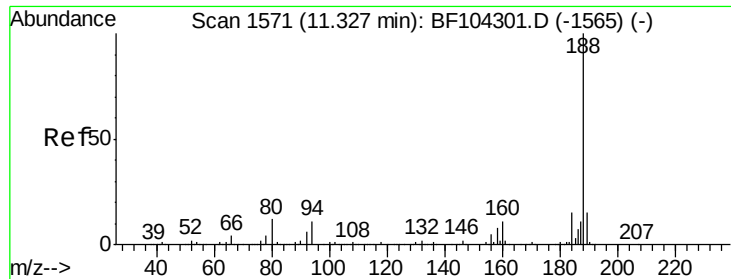
#49
Dimethylphthalate
Concen: 4.811 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF104891.D
Acq: 27 Apr 2018 19:45

Tgt Ion:163 Resp: 64922
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 9.9 8.2 12.2



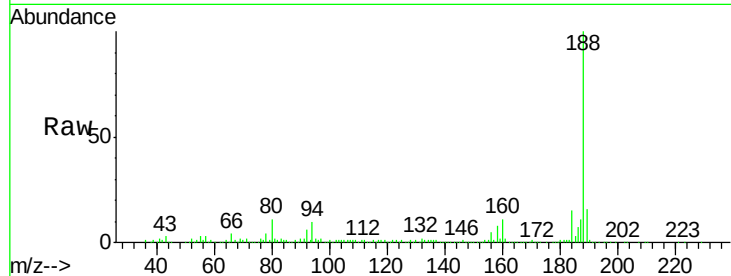
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF104891.D
 Acq: 27 Apr 2018 19:45

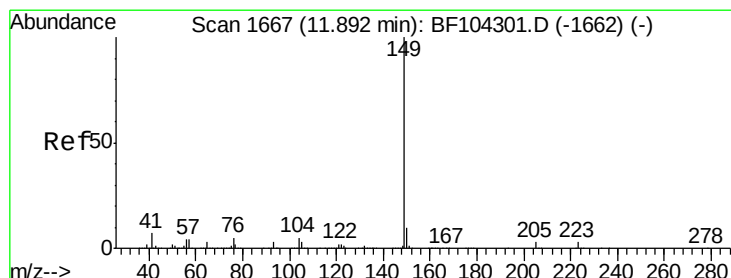
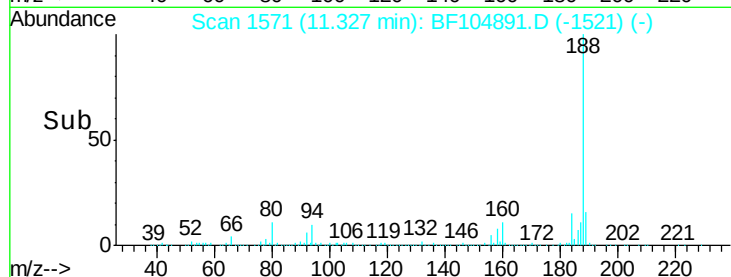
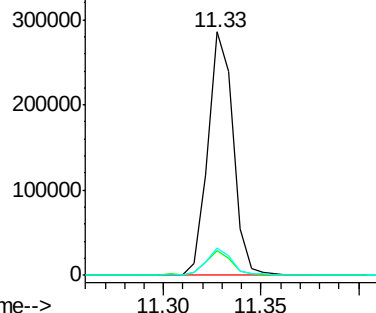
Tot	Ion:188	Resp:	257828
Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	11.3	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E

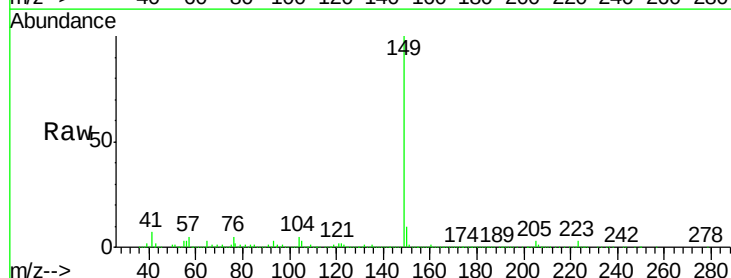
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#73
 Di-n-butylphthalate
 Concen: 37.924 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. 0.00 min
 Lab File: BF104891.D
 Acq: 27 Apr 2018 19:45

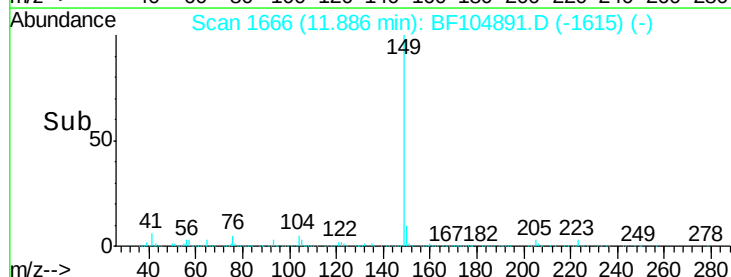
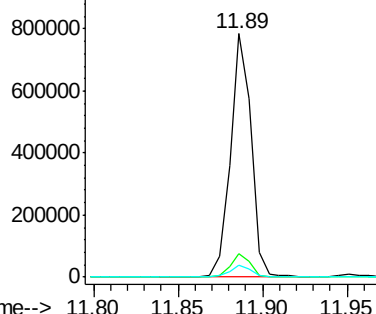
Tgt	Ion:149	Resp:	660711
Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.6
104	4.9	3.8	5.8

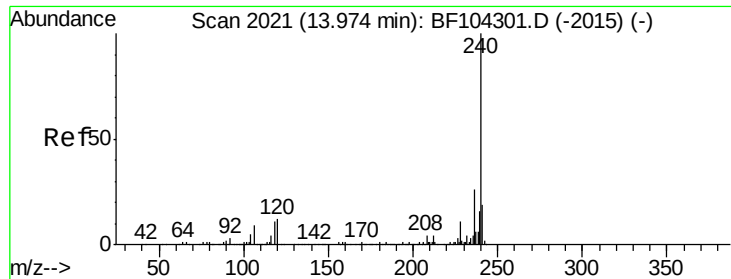


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2025

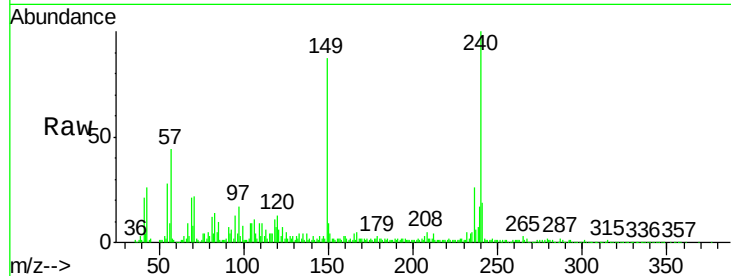
Delta R.T. 0.01 min

Lab File: BF104891.D

Acq: 27 Apr 2018 19:45

Tot Ion:240 Resp: 200297

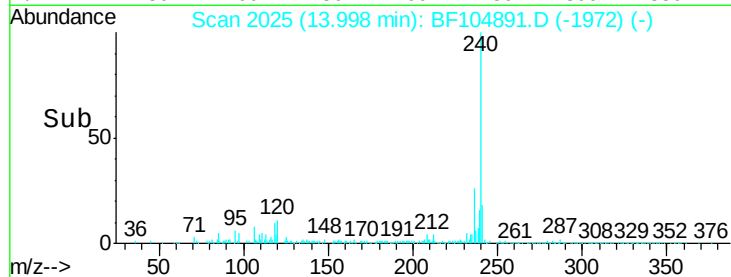
Ion	Ratio	Lower	Upper
240	100		
120	12.8	9.5	14.3
236	25.8	20.7	31.1



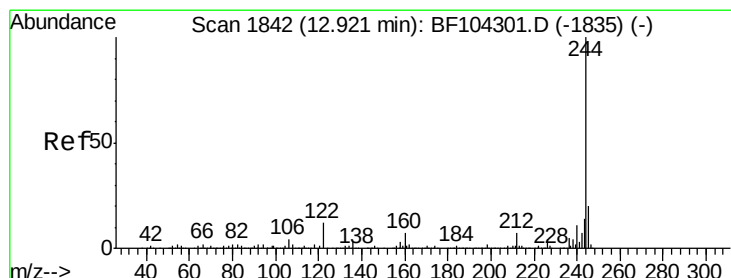
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 13.90 14.00 14.10



#78

Terphenyl-d14

Concen: 75.456 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF104891.D

Acq: 27 Apr 2018 19:45

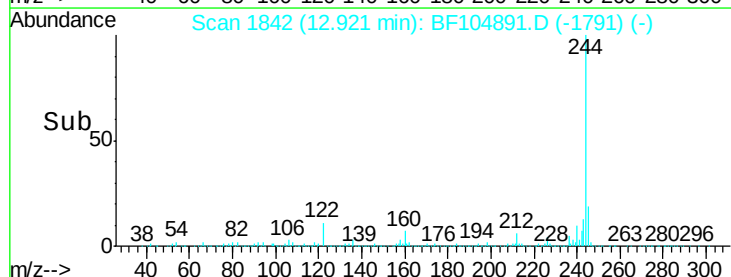
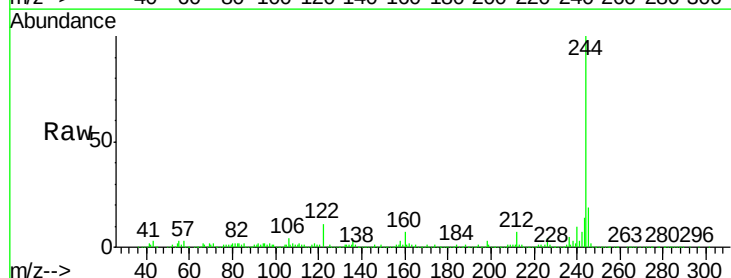
Tgt Ion:244 Resp: 662929

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	10.7	11.0	16.4

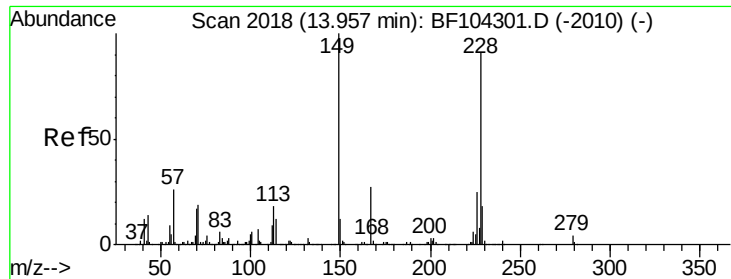
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

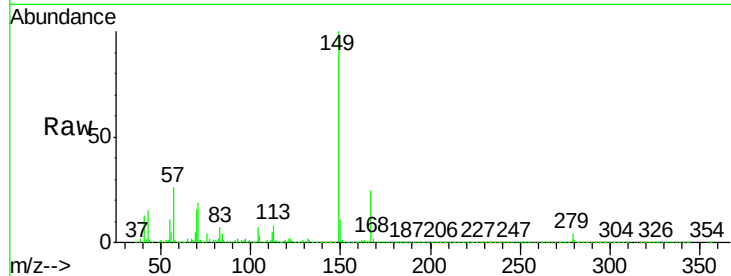


Time--> 12.90 13.00

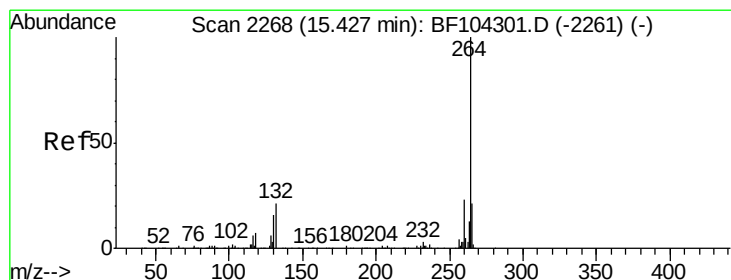
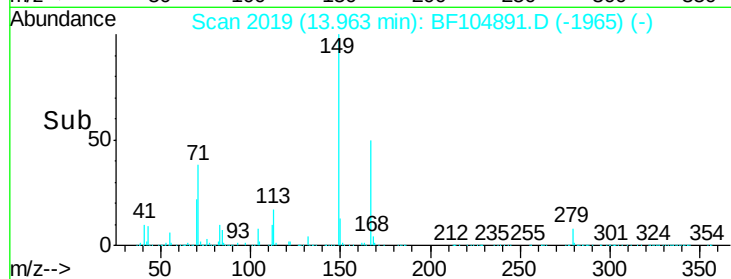
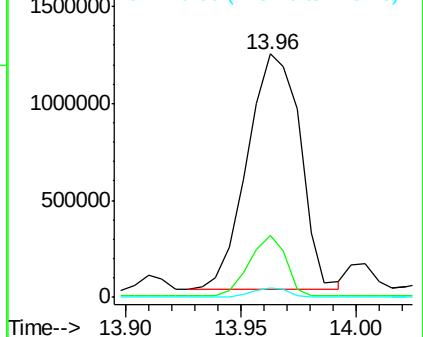


#83
Bis(2-ethylhexyl)phthalate
Concen: 215.687 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.02 min
Lab File: BF104891.D
Acq: 27 Apr 2018 19:45

Tot Ion:149 Resp: 1940461
Ion Ratio Lower Upper
149 100
167 25.2 21.3 31.9
279 3.7 3.0 4.4

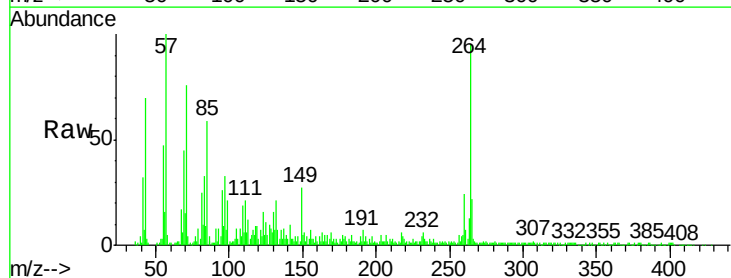


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.02 min
Lab File: BF104891.D
Acq: 27 Apr 2018 19:45

Tgt Ion:264 Resp: 136898
Ion Ratio Lower Upper
264 100
260 24.6 19.2 28.8
265 23.2 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

