

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
 Data File : BF104884.D
 Acq On : 27 Apr 2018 16:36
 Operator : JU/SJ
 Sample : J2544-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

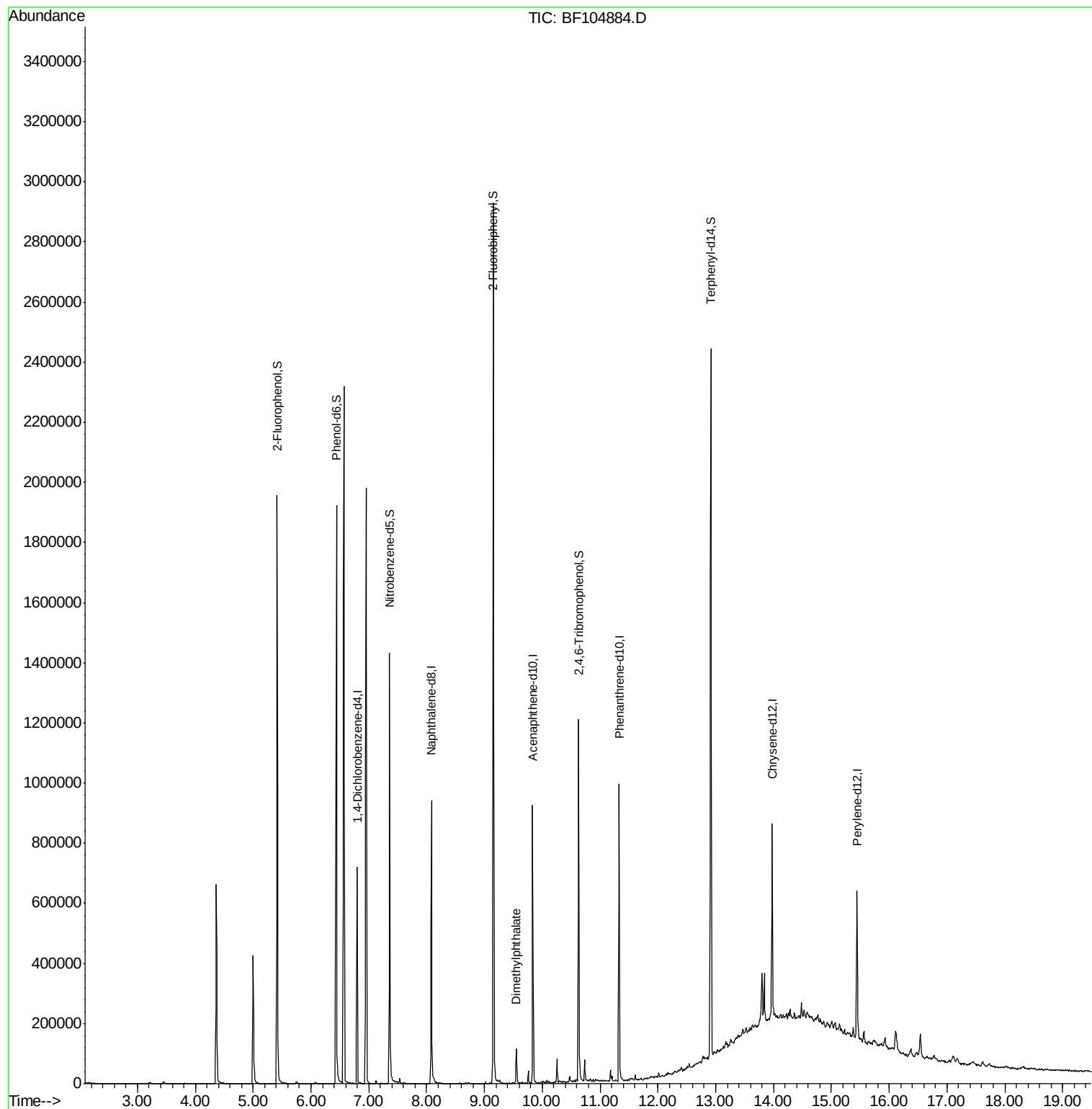
Quant Time: Apr 27 17:24:56 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 17:16:11 2018
 Response via : Initial Calibration

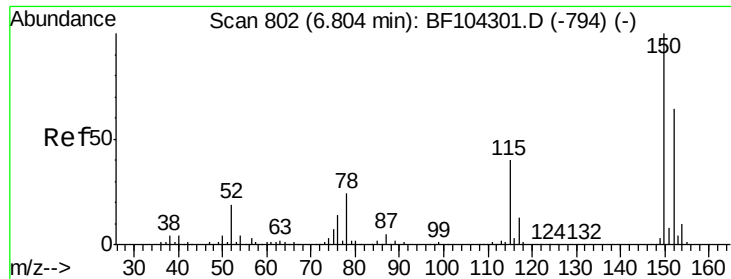
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	109914	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	451436	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	206227	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	358384	20.00	ng	0.00
75) Chrysene-d12	13.97	240	210430	20.00	ng	-0.01
86) Perylene-d12	15.44	264	226240	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	584484	81.31	ng	0.00
7) Phenol-d6	6.44	99	754581	85.44	ng	0.00
23) Nitrobenzene-d5	7.36	82	488270	70.63	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	167018	78.07	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	909144	69.64	ng	0.00
78) Terphenyl-d14	12.92	244	775948	84.07	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.55	163	52991	3.258	ng	99

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

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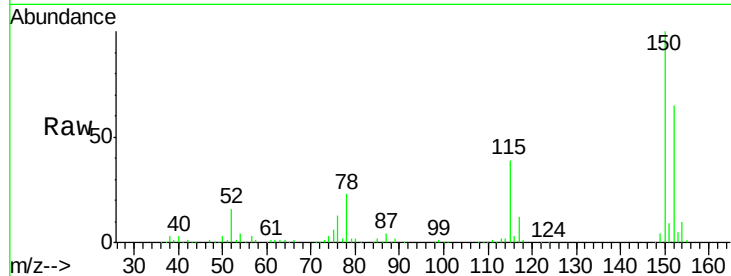




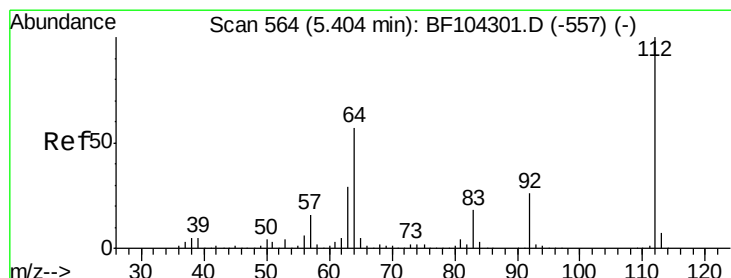
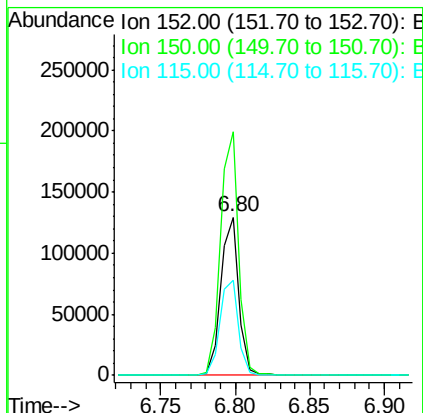
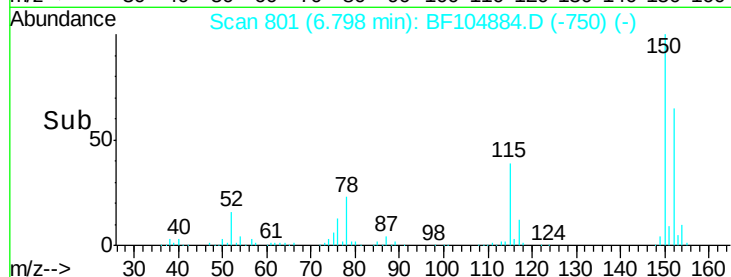
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF104884.D
Acq: 27 Apr 2018 16:36

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.6	186.8
115	60.3	50.1	75.1



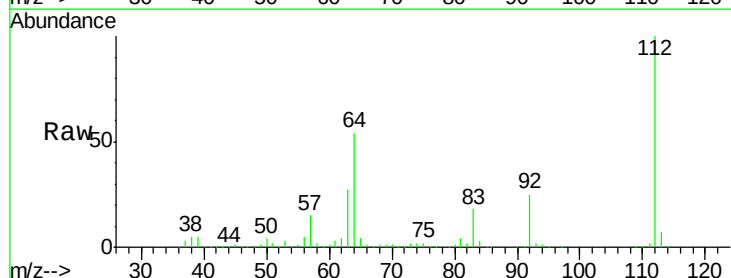
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



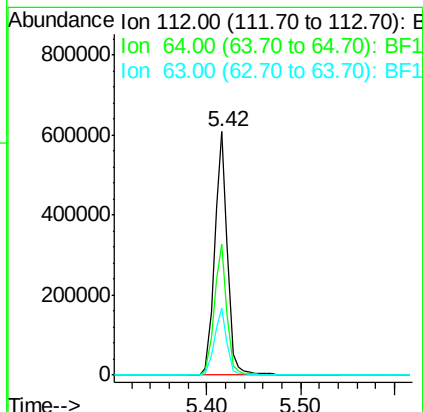
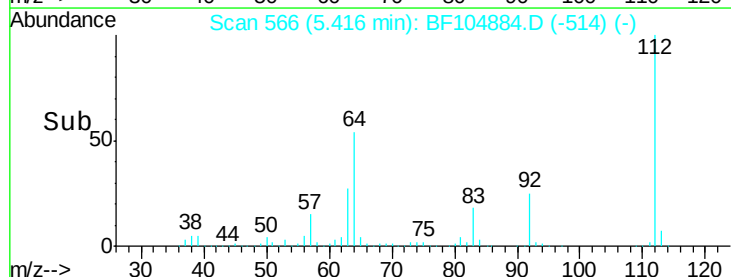
#5

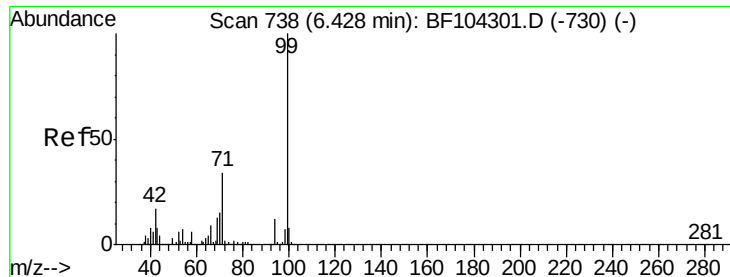
2-Fluorophenol
Concen: 81.310 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF104884.D
Acq: 27 Apr 2018 16:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.6	47.9	71.9
63	27.5	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: 85.436 ng

RT: 6.44 min Scan# 740

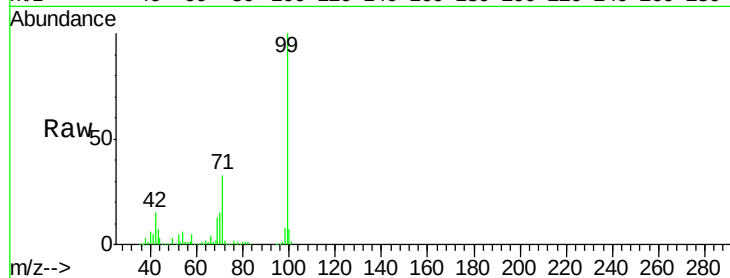
Delta R.T. -0.01 min

Lab File: BF104884.D

Acq: 27 Apr 2018 16:36

Tot Ion: 99 Resp: 754581

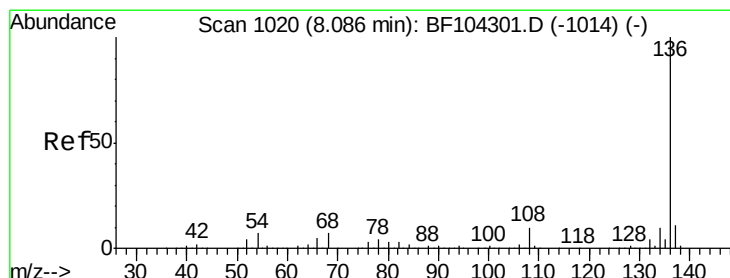
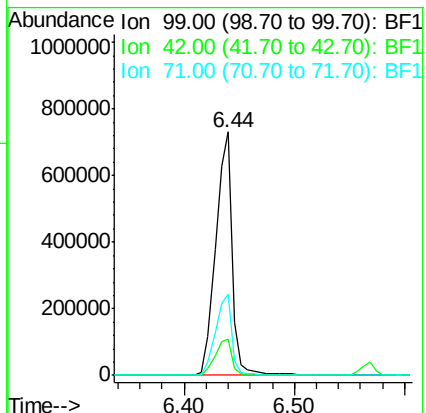
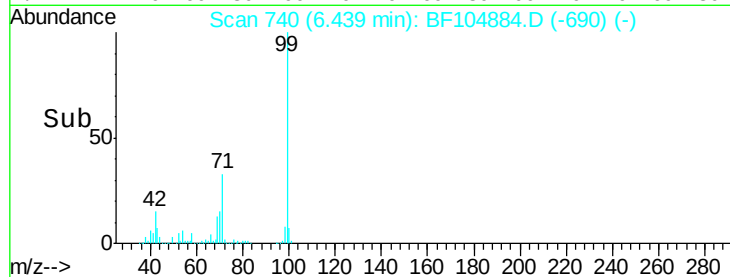
Ion	Ratio	Lower	Upper
99	100		
42	14.7	14.5	21.7
71	33.1	25.4	38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

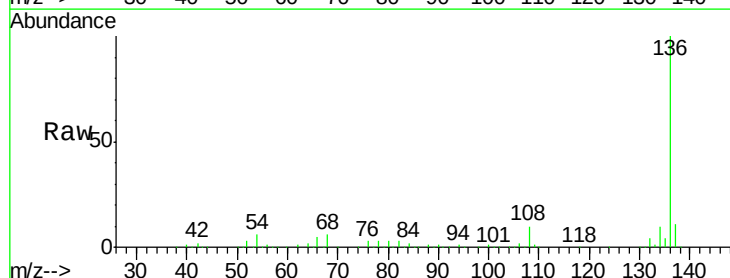
Delta R.T. -0.01 min

Lab File: BF104884.D

Acq: 27 Apr 2018 16:36

Tgt Ion: 136 Resp: 451436

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.5	6.6	9.8#
68	5.8	5.0	7.4

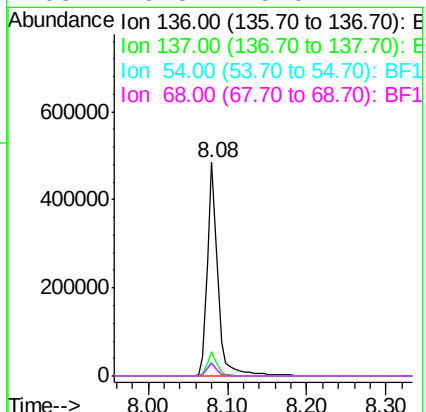
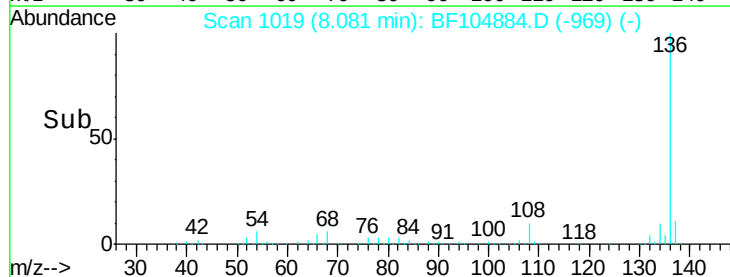


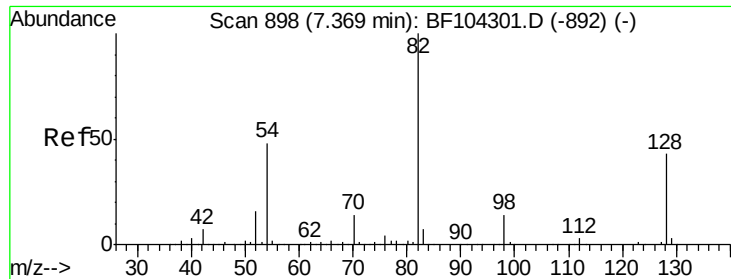
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

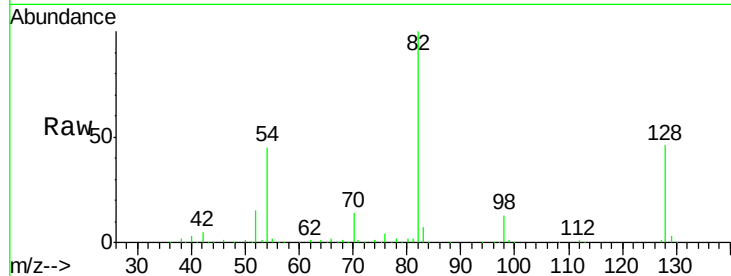
Ion 68.00 (67.70 to 68.70): BF1



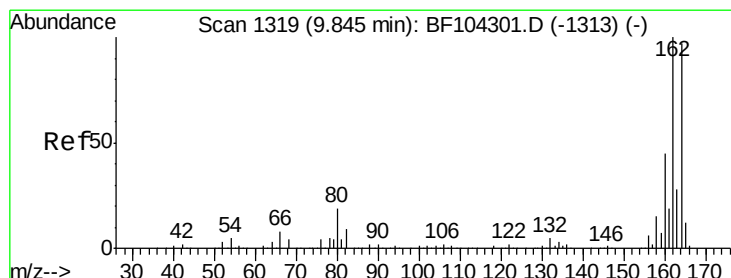
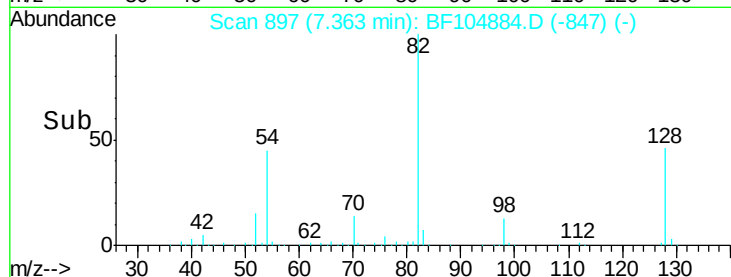
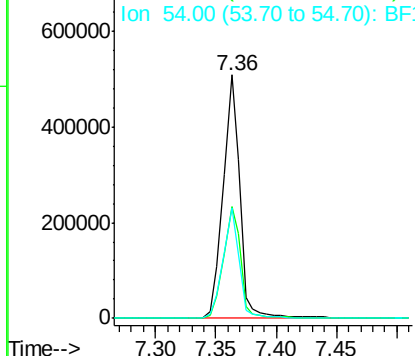


#23
Nitrobenzene-d5
Concen: 70.626 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF104884.D
Acq: 27 Apr 2018 16:36

Tot Ion	82	Resp	488270
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
54	45.2	41.4	62.2

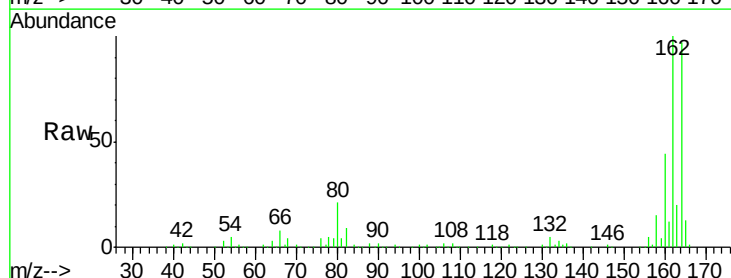


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

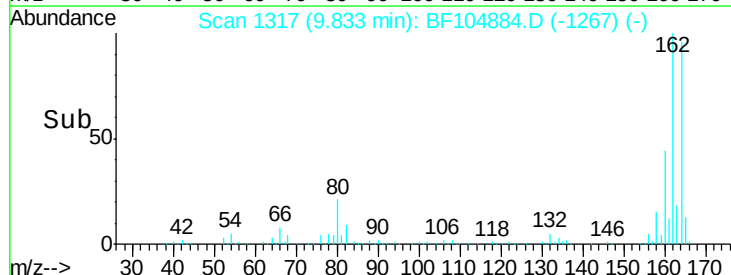
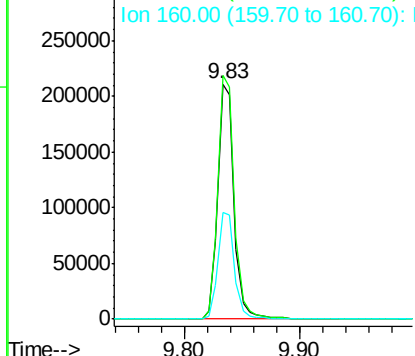


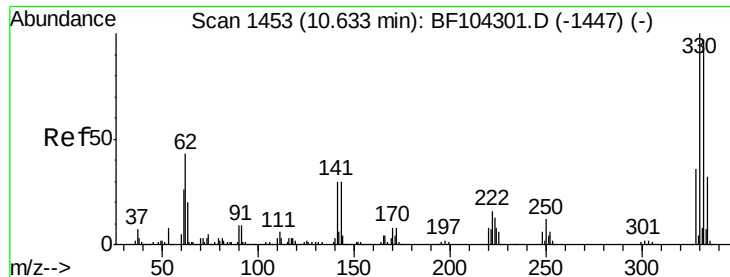
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF104884.D
Acq: 27 Apr 2018 16:36

Tgt Ion	164	Resp	206227
Ion Ratio	100		
Lower	86.1		
Upper	129.1		
162	103.5	38.3	57.5



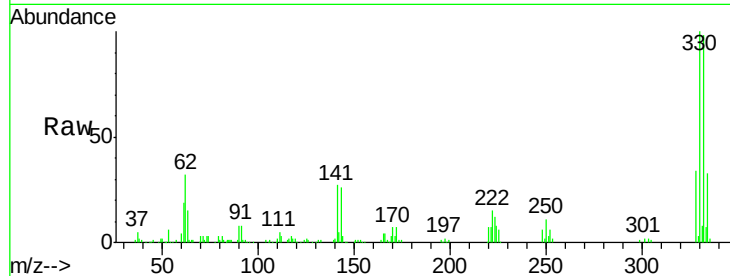
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



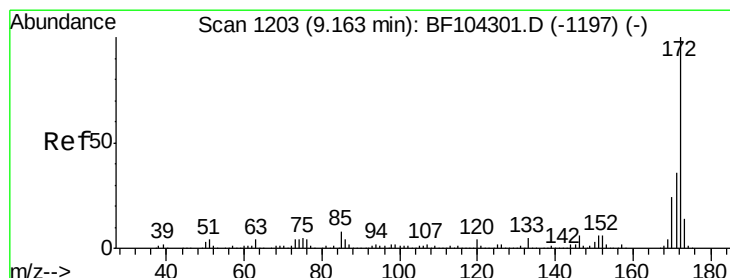
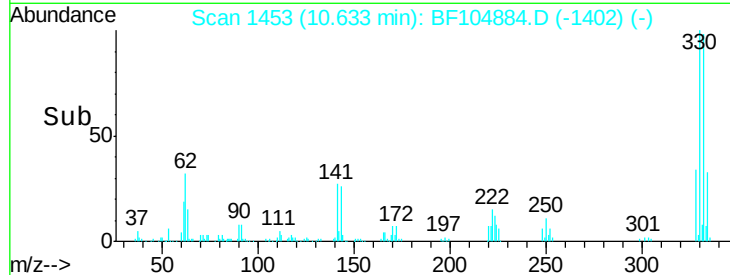
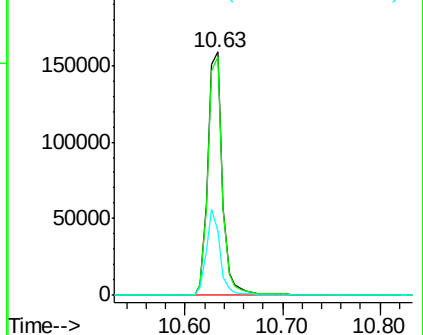


#41
 2,4,6-Tribromophenol
 Concen: 78.073 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.00 min
 Lab File: BF104884.D
 Acq: 27 Apr 2018 16:36

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	33.1	29.9	44.9

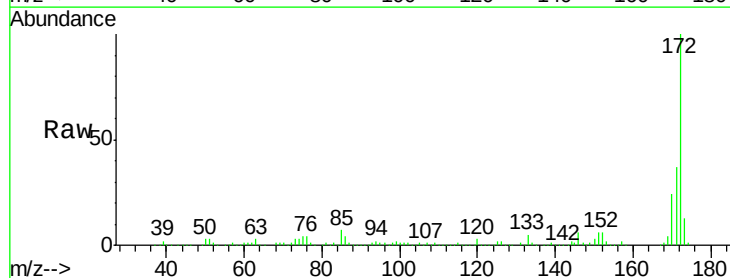


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

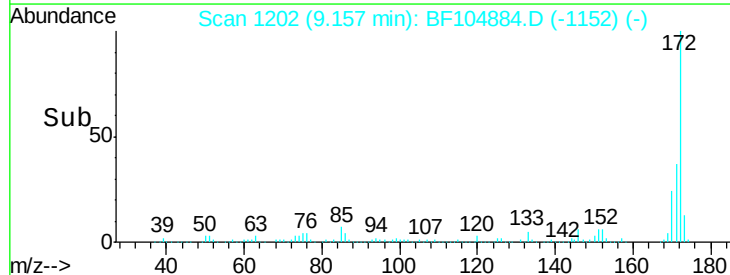
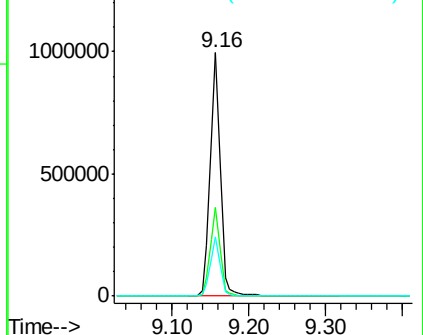


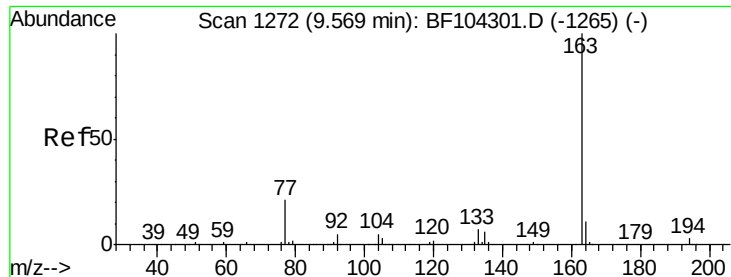
#44
 2-Fluorobiphenyl
 Concen: 69.643 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF104884.D
 Acq: 27 Apr 2018 16:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.4	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: 3.258 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF104884.D

Acq: 27 Apr 2018 16:36

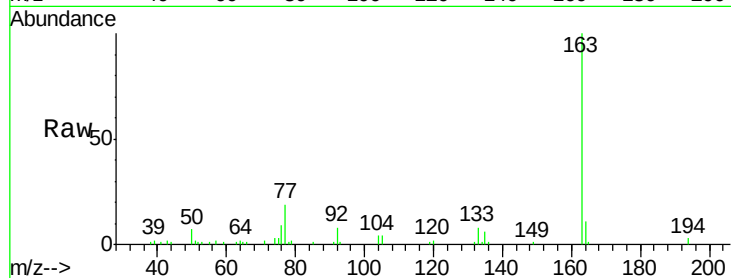
Tot Ion:163 Resp: 52991

Ion Ratio Lower Upper

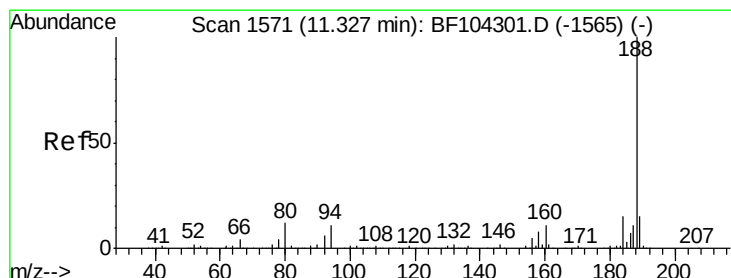
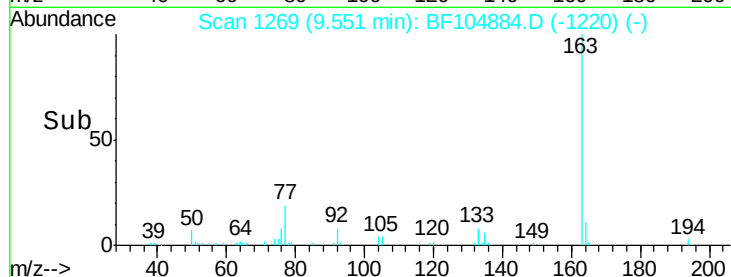
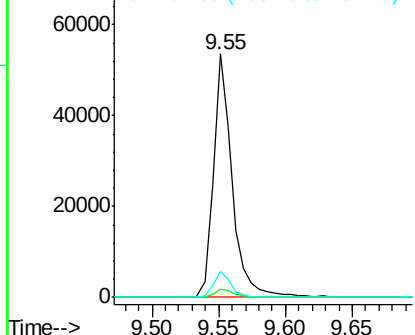
163 100

194 3.3 2.7 4.1

164 10.8 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: BF104884.D

Acq: 27 Apr 2018 16:36

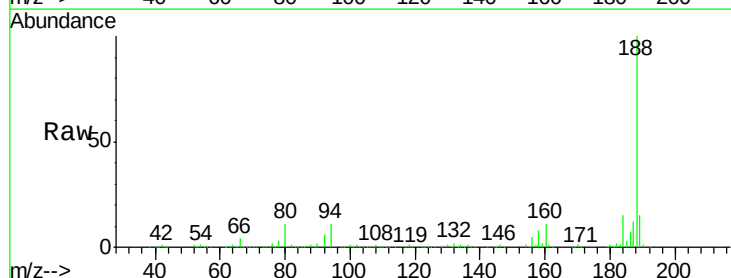
Tgt Ion:188 Resp: 358384

Ion Ratio Lower Upper

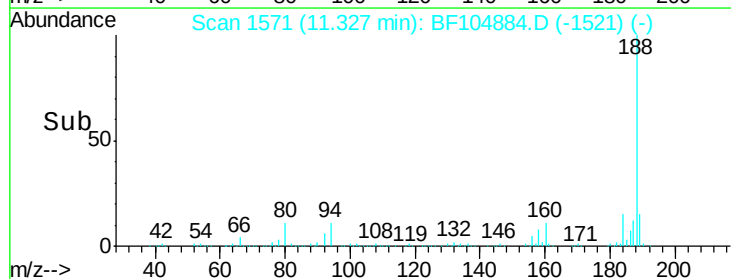
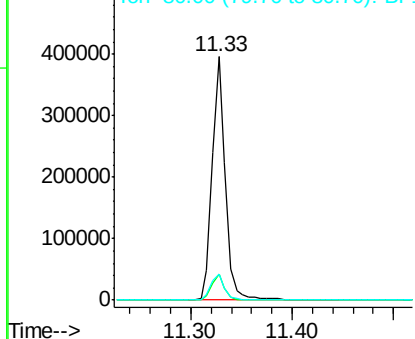
188 100

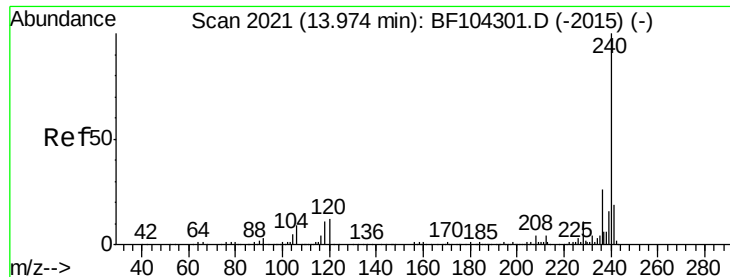
94 10.7 8.5 12.7

80 10.7 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF104884.D

Acq: 27 Apr 2018 16:36

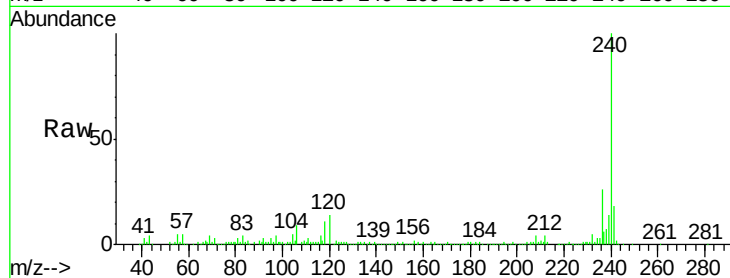
Tot Ion:240 Resp: 210430

Ion Ratio Lower Upper

240 100

120 13.7 9.5 14.3

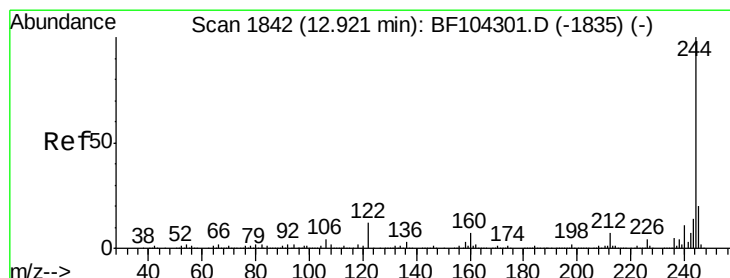
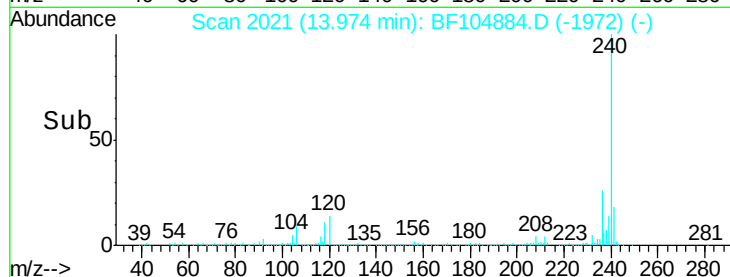
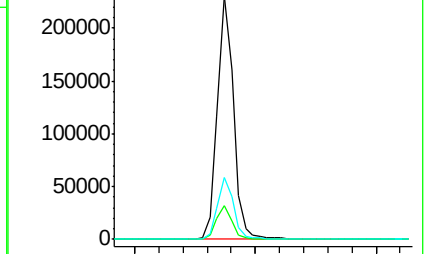
236 25.7 20.7 31.1



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: 84.067 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF104884.D

Acq: 27 Apr 2018 16:36

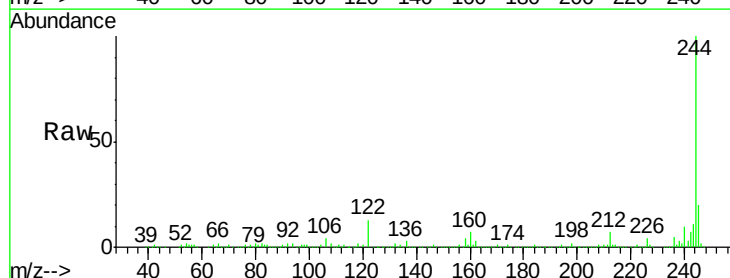
Tgt Ion:244 Resp: 775948

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

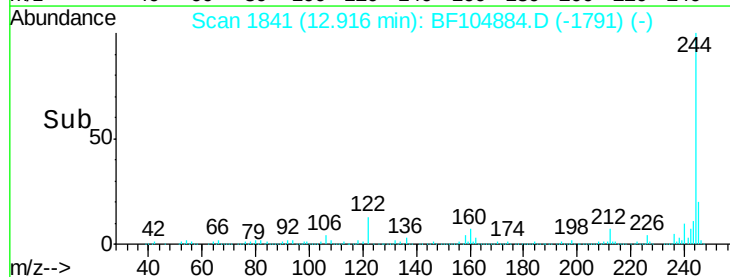
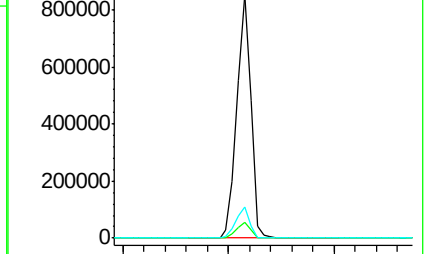
122 12.7 11.0 16.4

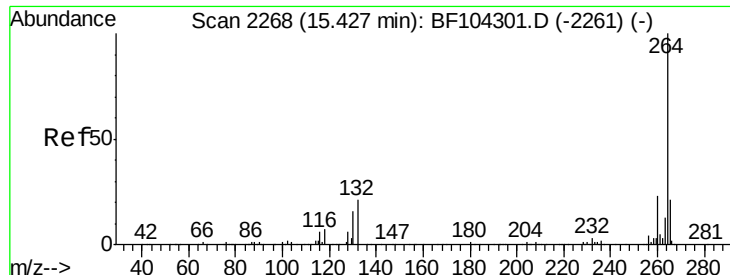


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

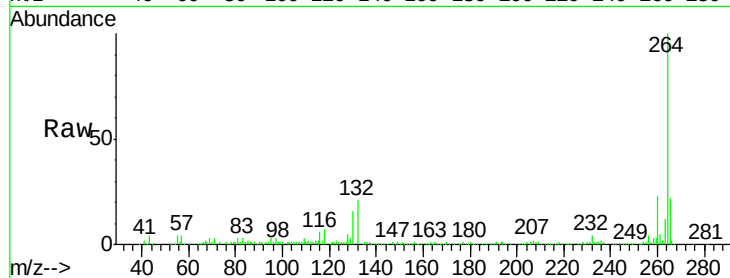
Ion 122.00 (121.70 to 122.70): E





#86
Pervlone-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF104884.D
Acq: 27 Apr 2018 16:36

Tot Ion:264	Resp: 226240
Ion Ratio	Lower Upper
264 100	
260 23.4	19.2 28.8
265 22.1	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

