

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
 Data File : BF104917.D
 Acq On : 28 Apr 2018 8:20
 Operator : JU/SJ
 Sample : J2574-13
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

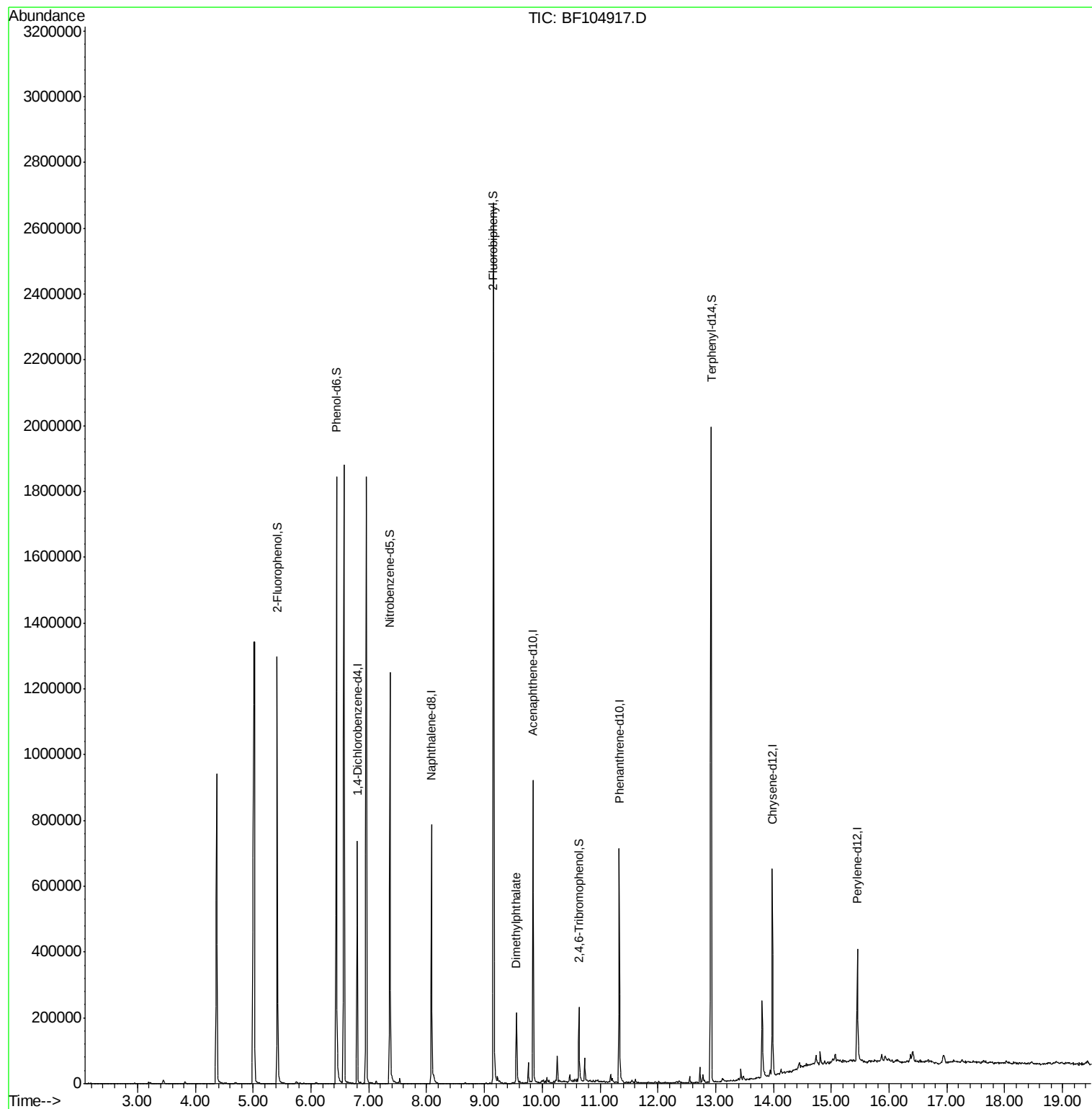
Quant Time: Apr 30 03:45:54 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 17:16:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	104328	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	423217	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	182371	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	292647	20.00	ng	0.00
75) Chrysene-d12	13.98	240	211209	20.00	ng	0.00
86) Perylene-d12	15.45	264	158175	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	393416	57.66	ng	0.00
7) Phenol-d6	6.44	99	705482	84.15	ng	0.00
23) Nitrobenzene-d5	7.37	82	473288	73.02	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	33608	17.77	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	890675	77.15	ng	0.00
78) Terphenyl-d14	12.92	244	733401	79.16	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.55	163	108207	7.524	ng	Qvalue 100

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

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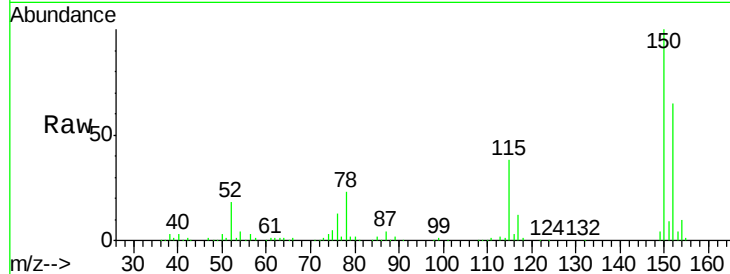




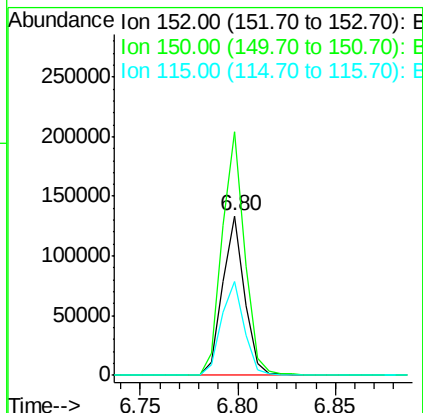
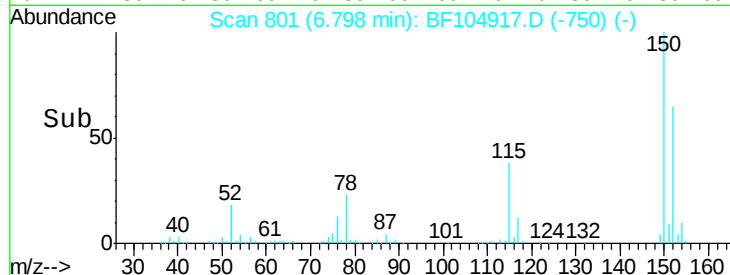
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF104917.D
Acq: 28 Apr 2018 8:20

Tot Ion:152 Resp: 104328
Ion Ratio Lower Upper
152 100
150 153.0 124.6 186.8
115 58.8 50.1 75.1



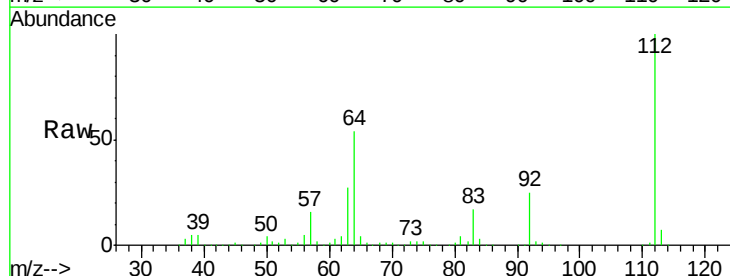
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



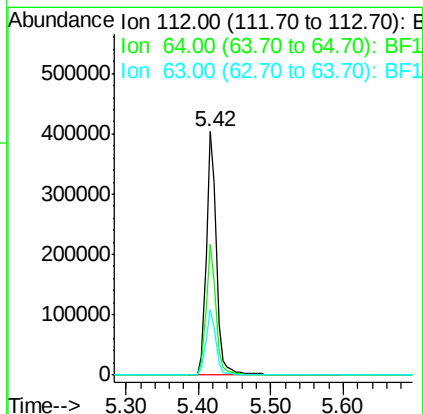
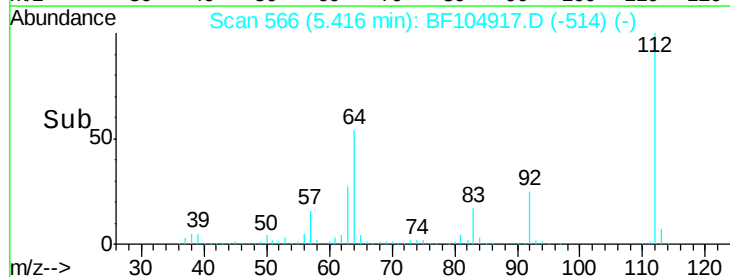
#5

2-Fluorophenol
Concen: 57.660 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF104917.D
Acq: 28 Apr 2018 8:20

Tgt Ion:112 Resp: 393416
Ion Ratio Lower Upper
112 100
64 54.0 47.9 71.9
63 27.1 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: 84.153 ng

RT: 6.44 min Scan# 740

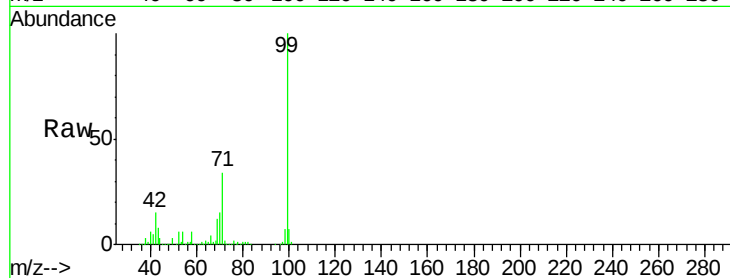
Delta R.T. -0.01 min

Lab File: BF104917.D

Acq: 28 Apr 2018 8:20

Tot Ion: 99 Resp: 705482

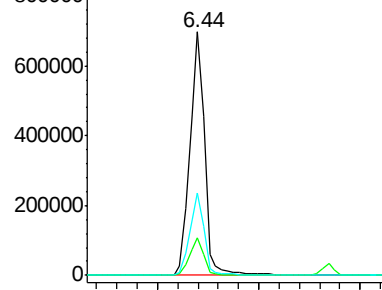
Ion	Ratio	Lower	Upper
99	100		
42	15.4	14.5	21.7
71	34.0	25.4	38.0



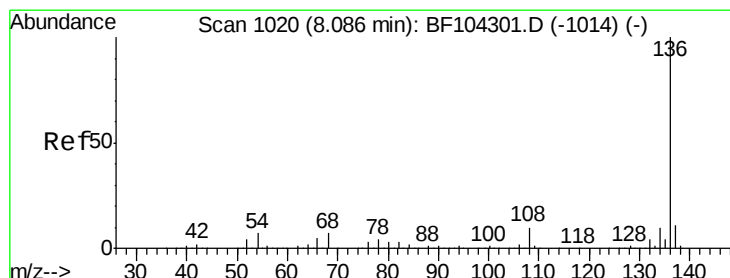
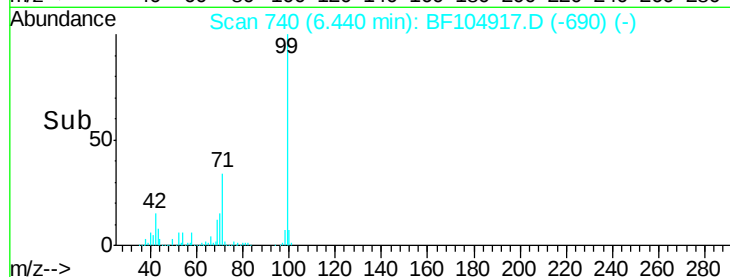
Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

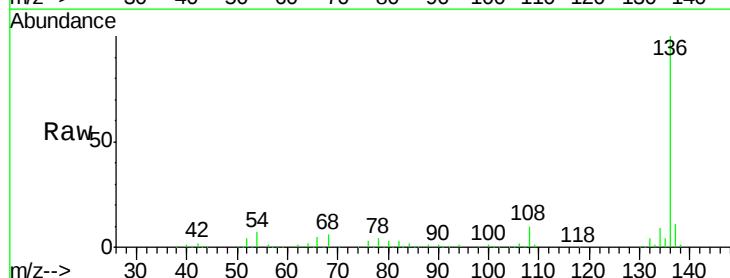
Delta R.T. -0.01 min

Lab File: BF104917.D

Acq: 28 Apr 2018 8:20

Tgt Ion: 136 Resp: 423217

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.9	6.6	9.8
68	6.0	5.0	7.4

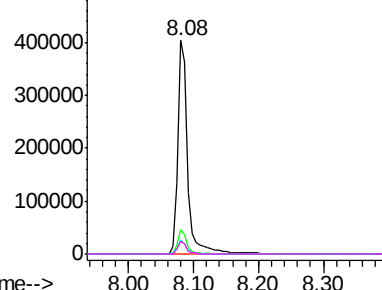


Abundance Ion 136.00 (135.70 to 136.70): E

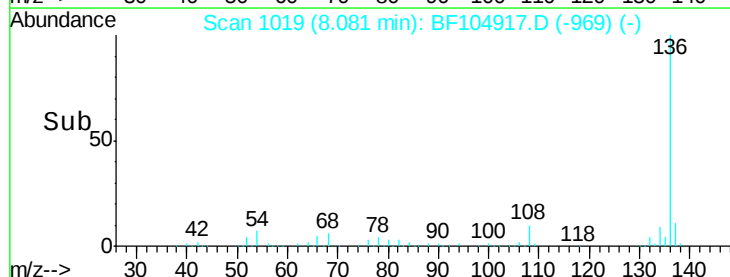
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->





#23

Nitrobenzene-d5

Concen: 73.024 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.00 min

Lab File: BF104917.D

Acq: 28 Apr 2018 8:20

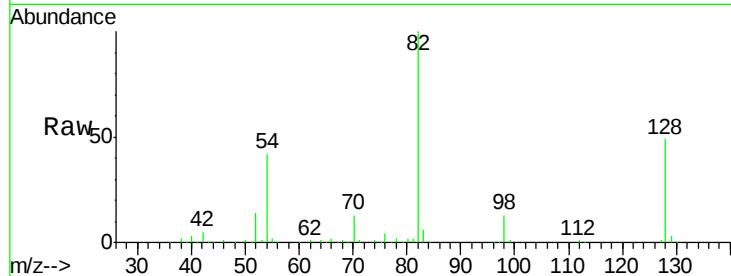
Tot Ion: 82 Resp: 473288

Ion Ratio Lower Upper

82 100

128 49.4 36.1 54.1

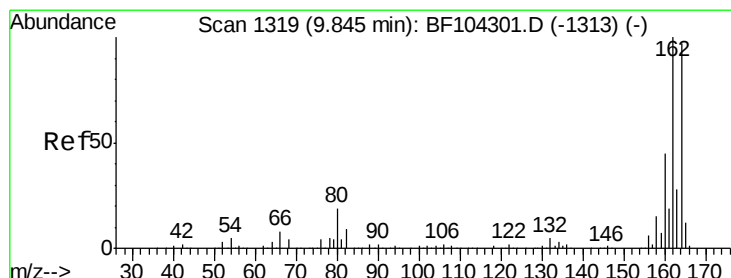
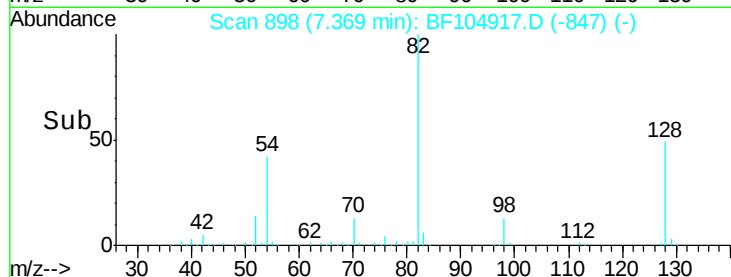
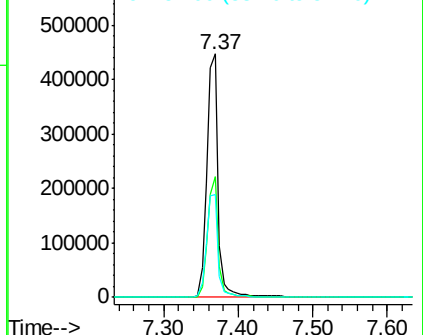
54 42.2 41.4 62.2



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: 9.84 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF104917.D

Acq: 28 Apr 2018 8:20

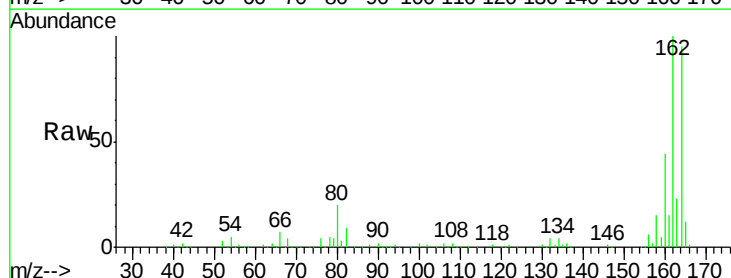
Tgt Ion: 164 Resp: 182371

Ion Ratio Lower Upper

164 100

162 105.7 86.1 129.1

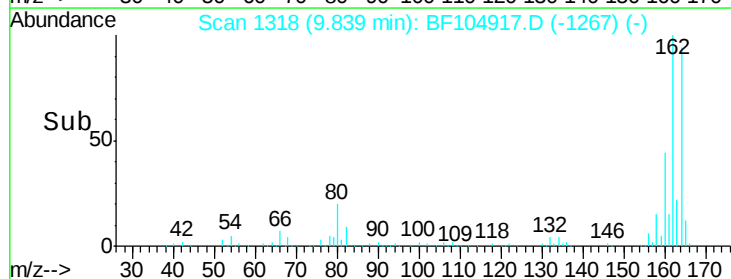
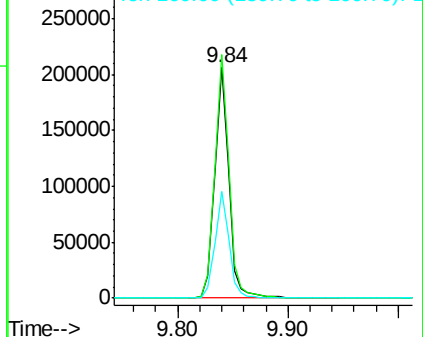
160 46.3 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

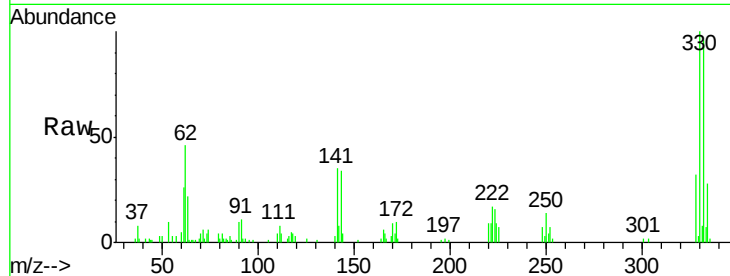
Ion 160.00 (159.70 to 160.70): E



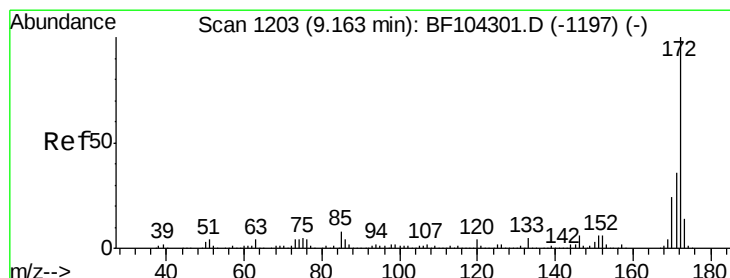
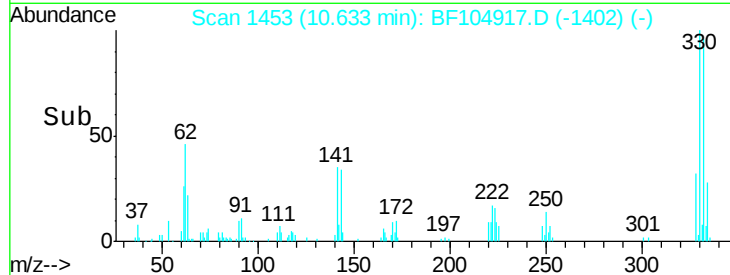
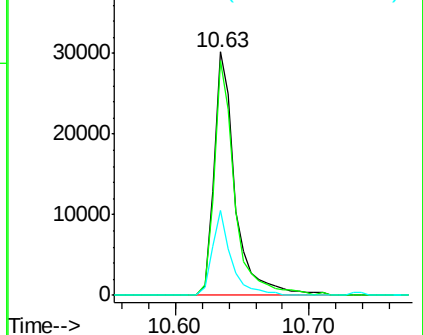


#41
 2,4,6-Tribromophenol
 Concen: 17.765 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.00 min
 Lab File: BF104917.D
 Acq: 28 Apr 2018 8:20

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.2	77.0	115.6
141	31.1	29.9	44.9

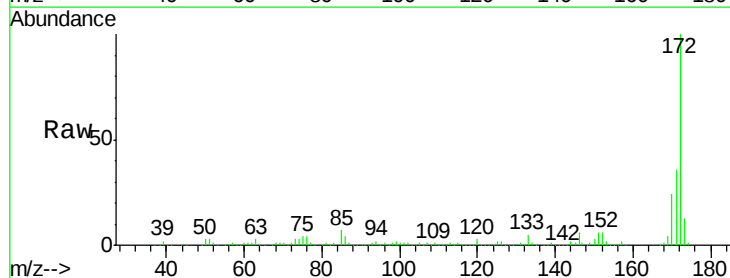


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

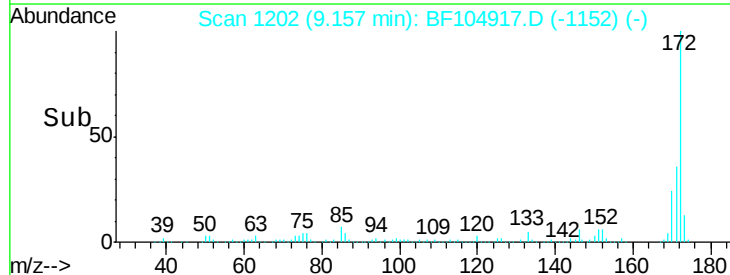
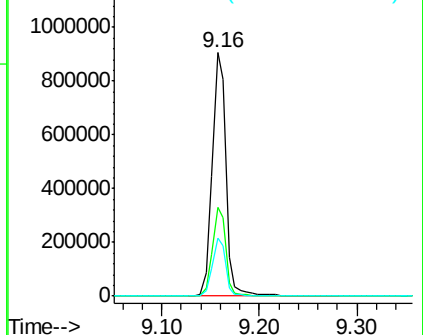


#44
 2-Fluorobiphenyl
 Concen: 77.153 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF104917.D
 Acq: 28 Apr 2018 8:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.0	19.6	29.4



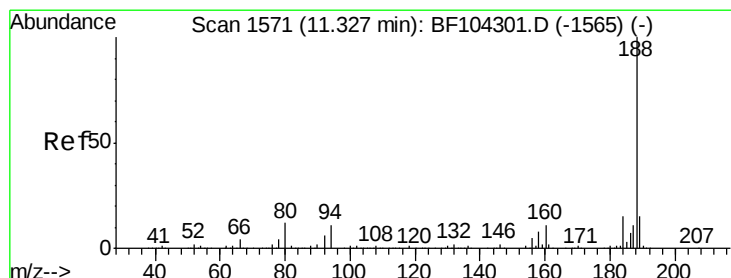
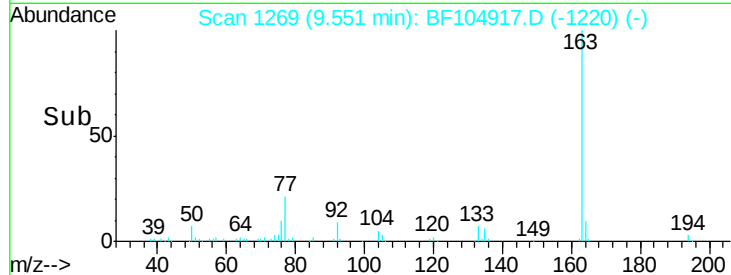
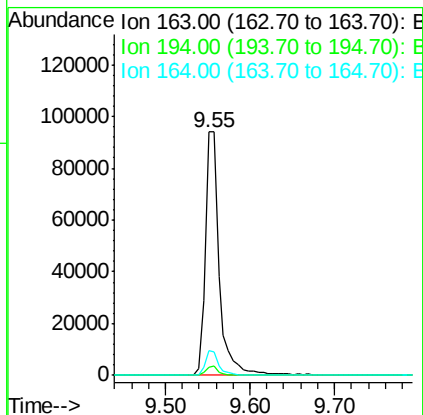
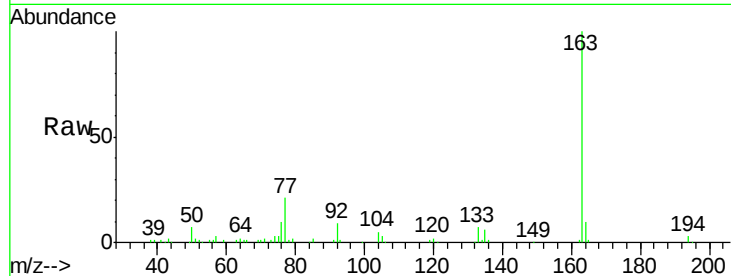
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





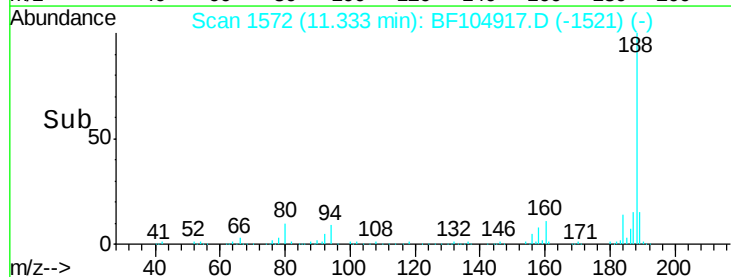
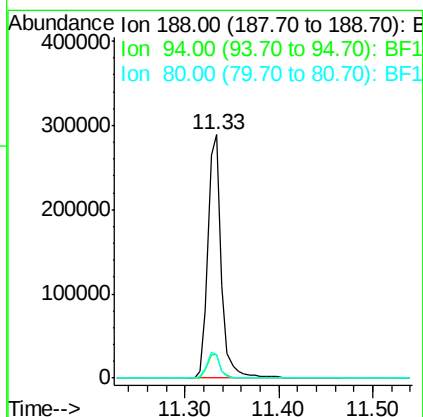
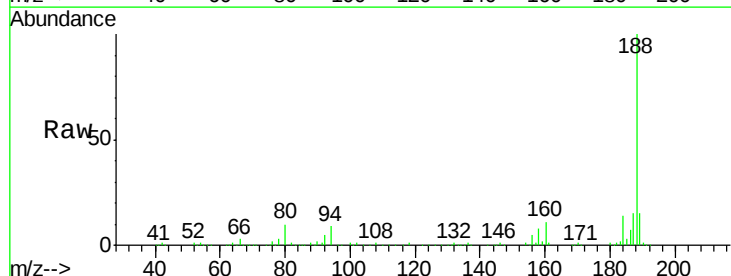
#49
Dimethylphthalate
Concen: 7.524 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF104917.D
Acq: 28 Apr 2018 8:20

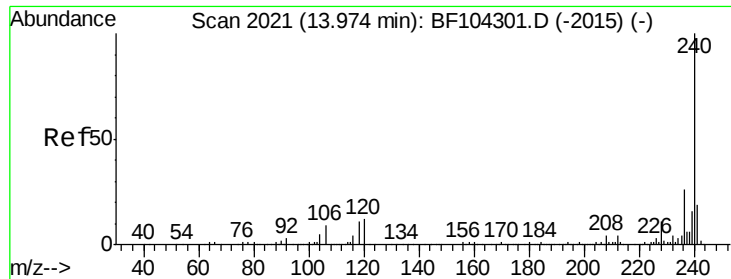
Tot Ion:163	Resp:	108207
Ion Ratio	Lower	Upper
163	100	
194	3.2	2.7 4.1
164	10.3	8.2 12.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF104917.D
Acq: 28 Apr 2018 8:20

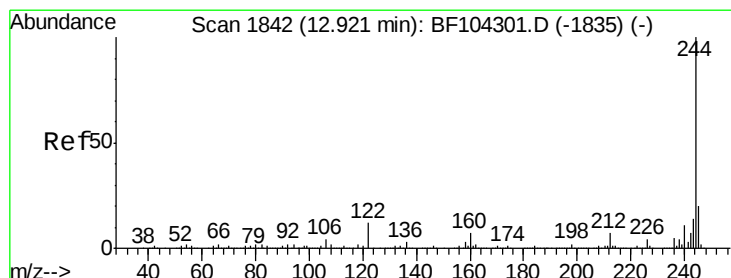
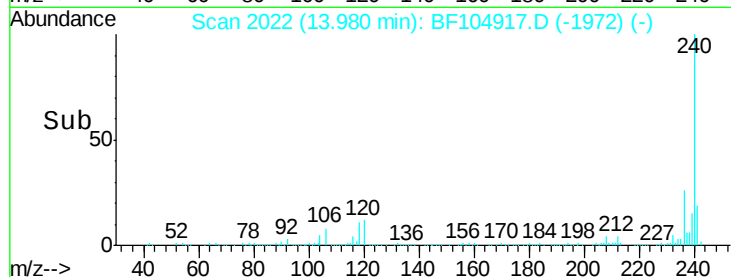
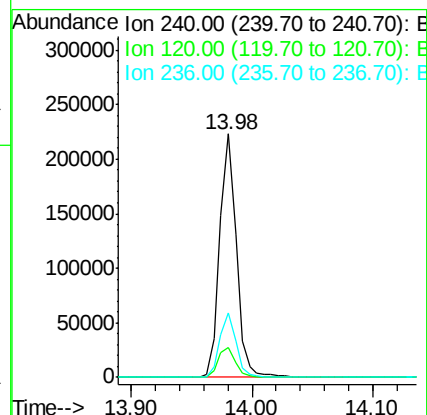
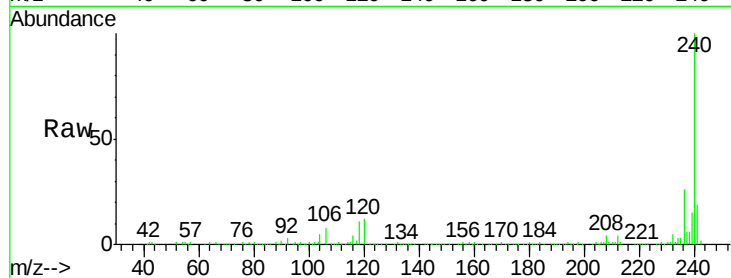
Tgt Ion:188	Resp:	292647
Ion Ratio	Lower	Upper
188	100	
94	9.5	8.5 12.7
80	9.8	9.2 13.8





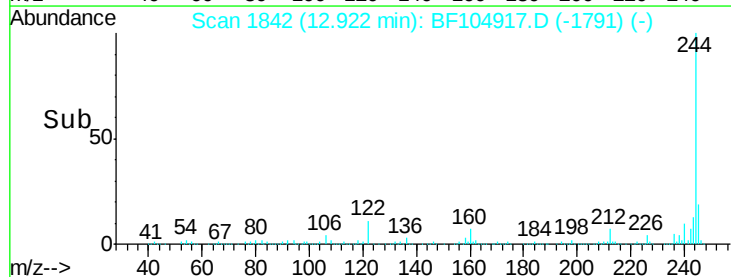
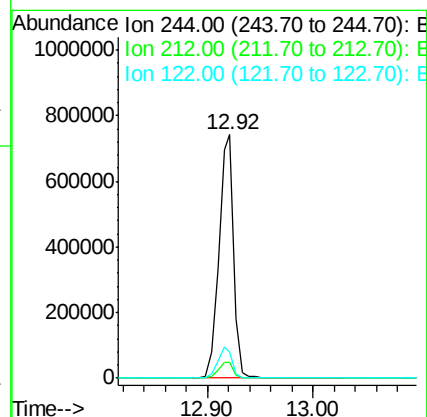
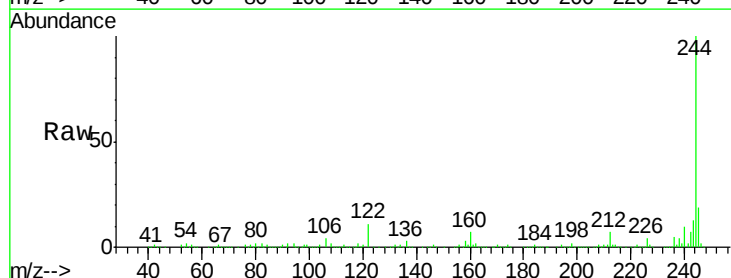
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF104917.D
 Acq: 28 Apr 2018 8:20

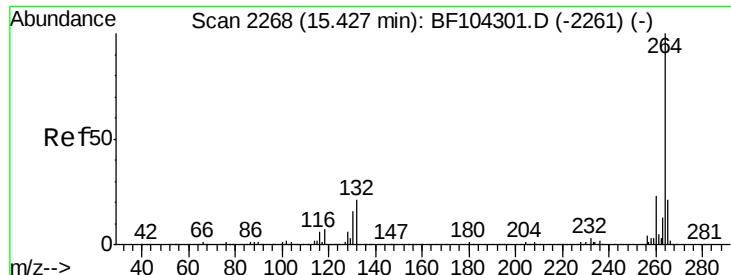
Tot Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.5	14.3
236	26.4	20.7	31.1



#78
 Terphenyl-d14
 Concen: 79.165 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF104917.D
 Acq: 28 Apr 2018 8:20

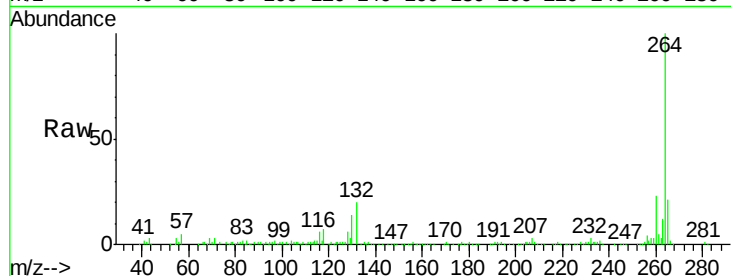
Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	10.7	11.0	16.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.00 min
Lab File: BF104917.D
Acq: 28 Apr 2018 8:20

Tot Ion:	264	Resp:	158175
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	20.9	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

