

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
 Data File : BF104914.D
 Acq On : 28 Apr 2018 7:01
 Operator : JU/SJ
 Sample : J2574-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

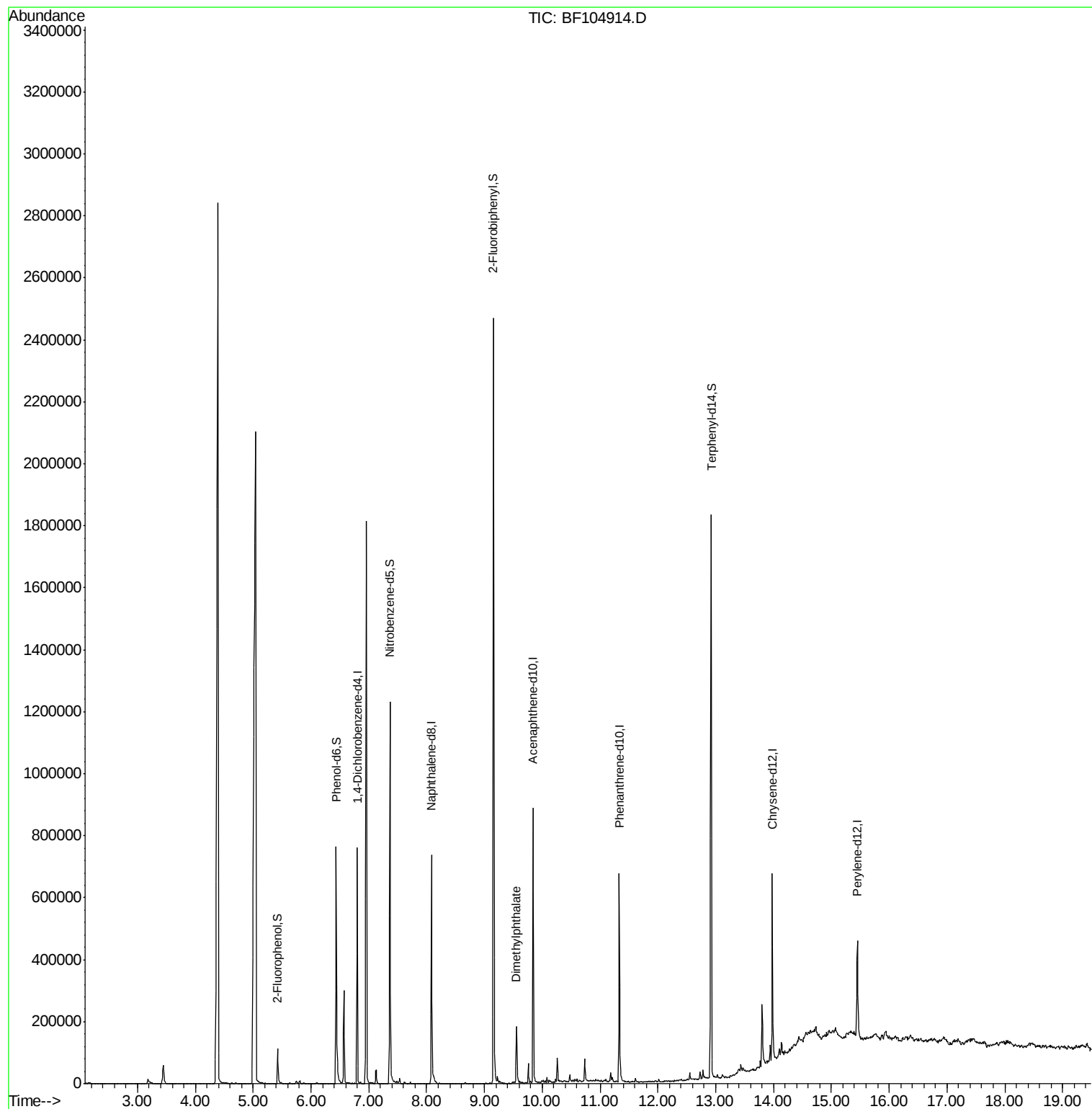
Quant Time: Apr 30 03:40:41 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 17:16:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	102455	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	416477	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	174036	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	269668	20.00	ng	0.00
75) Chrysene-d12	13.98	240	204745	20.00	ng	0.00
86) Perylene-d12	15.45	264	152015	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	45642	6.81	ng	0.01
7) Phenol-d6	6.43	99	308984	37.53	ng	-0.01
23) Nitrobenzene-d5	7.37	82	456863	71.63	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	600	0.33	ng	0.01
44) 2-Fluorobiphenyl	9.16	172	832248	75.54	ng	0.00
78) Terphenyl-d14	12.92	244	655010	72.94	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.56	163	95414	6.952	ng	98

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

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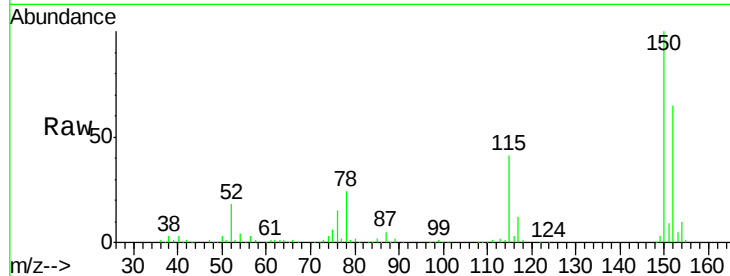




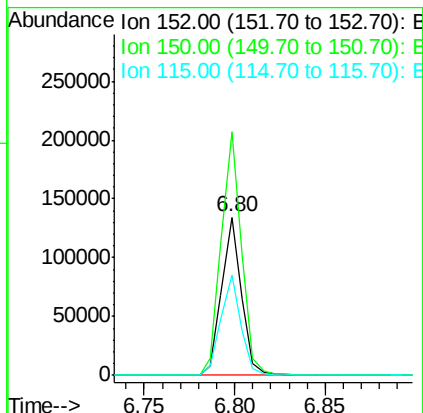
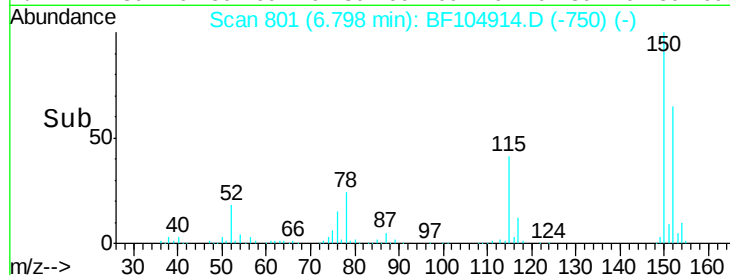
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF104914.D
Acq: 28 Apr 2018 7:01

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	124.6	186.8
115	63.1	50.1	75.1



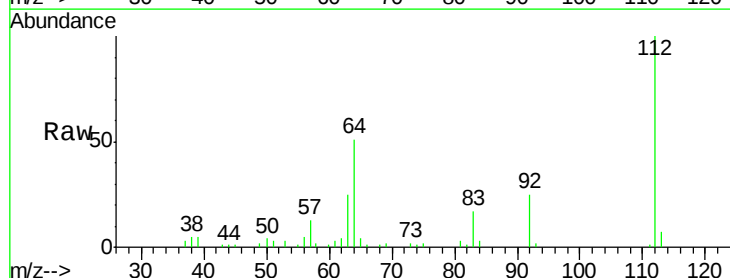
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



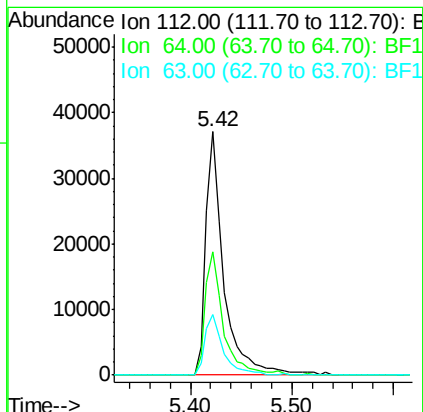
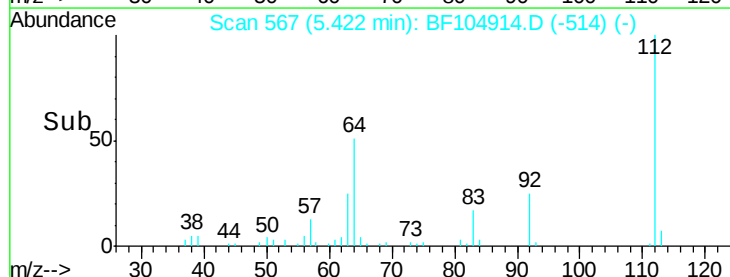
#5

2-Fluorophenol
Concen: 6.812 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104914.D
Acq: 28 Apr 2018 7:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.7	47.9	71.9
63	24.7	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: 37.531 ng

RT: 6.43 min Scan# 739

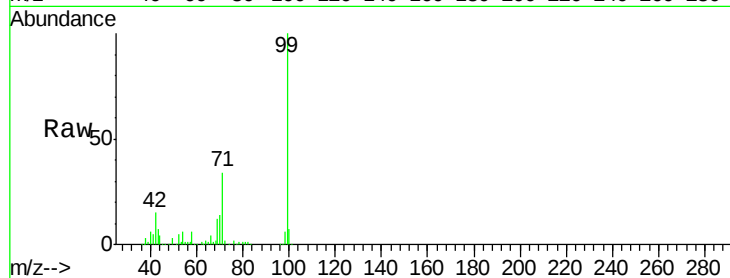
Delta R.T. -0.01 min

Lab File: BF104914.D

Acq: 28 Apr 2018 7:01

Tot Ion: 99 Resp: 308984

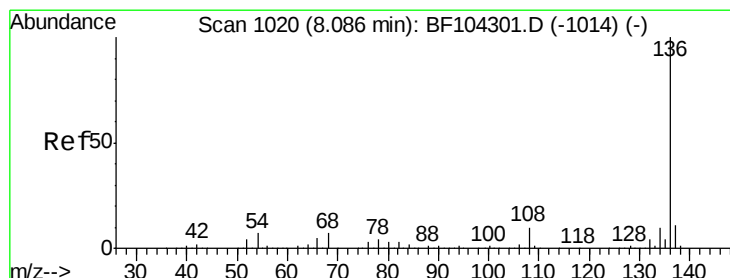
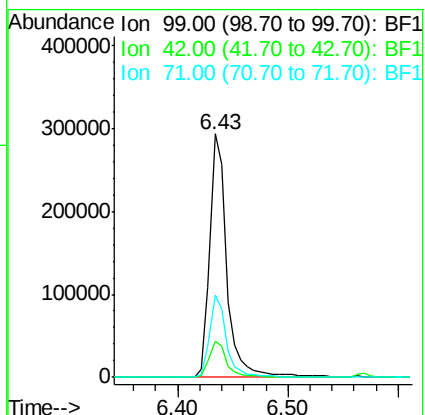
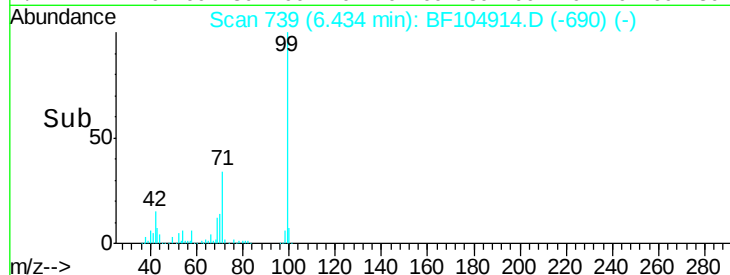
Ion	Ratio	Lower	Upper
99	100		
42	15.1	14.5	21.7
71	33.9	25.4	38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

400000 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: 8.09 min Scan# 1020

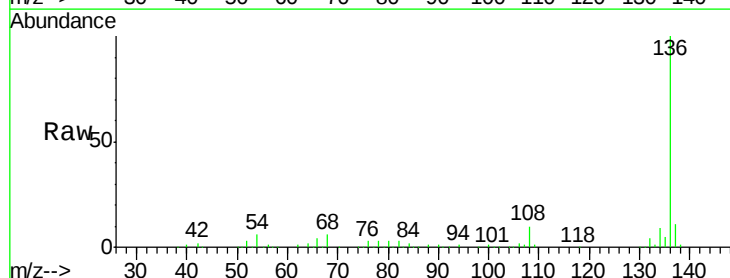
Delta R.T. 0.00 min

Lab File: BF104914.D

Acq: 28 Apr 2018 7:01

Tgt Ion: 136 Resp: 416477

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	5.9	6.6	9.8
68	5.6	5.0	7.4

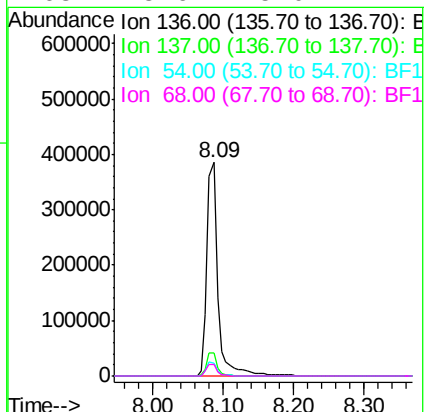
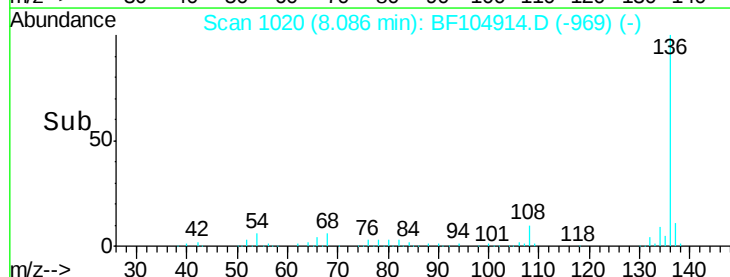


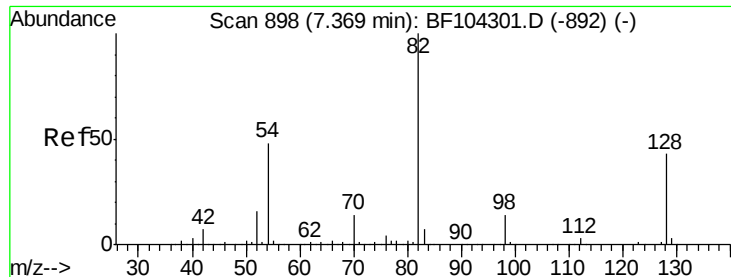
Abundance Ion 136.00 (135.70 to 136.70): E

600000 Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

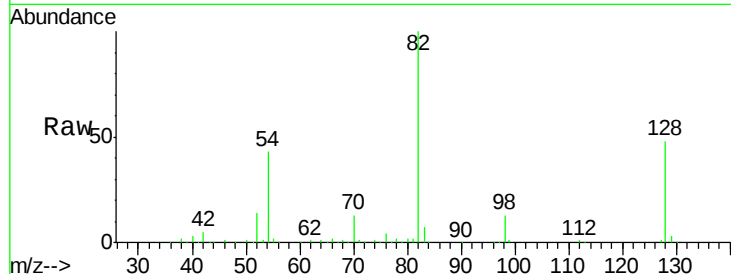
Ion 68.00 (67.70 to 68.70): BF1



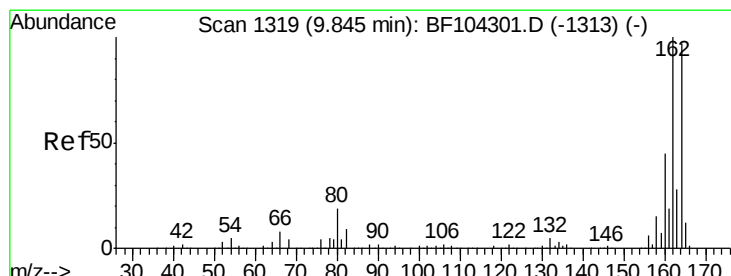
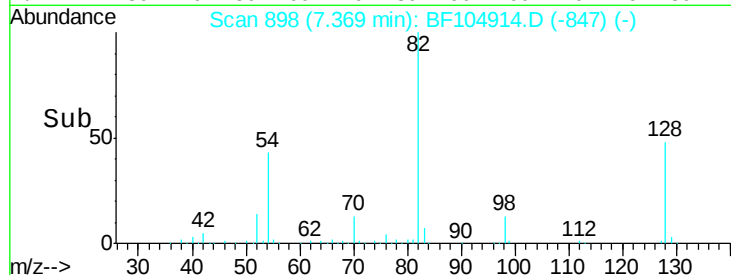
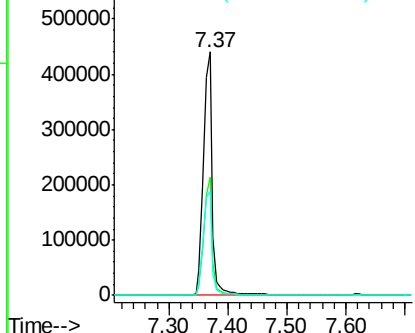


#23
 Nitrobenzene-d5
 Concen: 71.630 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BF104914.D
 Acq: 28 Apr 2018 7:01

Tot Ion: 82 Resp: 456863
 Ion Ratio Lower Upper
 82 100
 128 48.4 36.1 54.1
 54 42.6 41.4 62.2

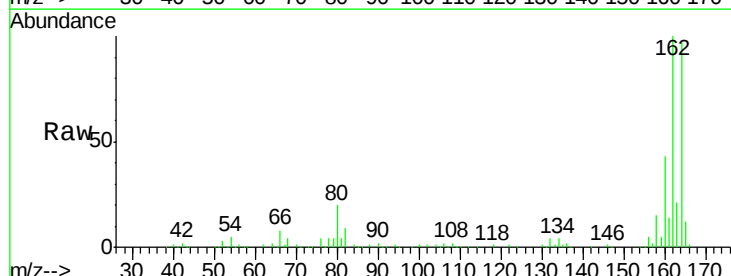


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

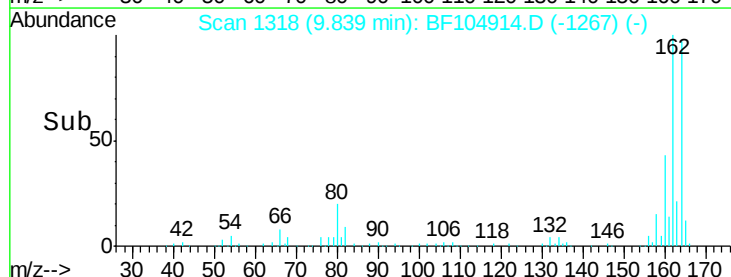
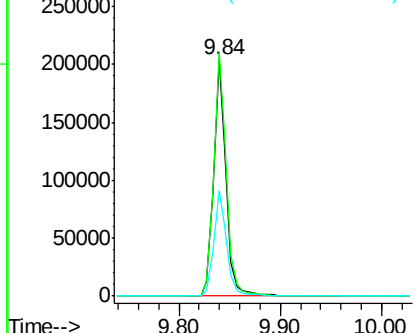


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: BF104914.D
 Acq: 28 Apr 2018 7:01

Tgt Ion: 164 Resp: 174036
 Ion Ratio Lower Upper
 164 100
 162 103.0 86.1 129.1
 160 44.7 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: 0.332 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BF104914.D

Acq: 28 Apr 2018 7:01

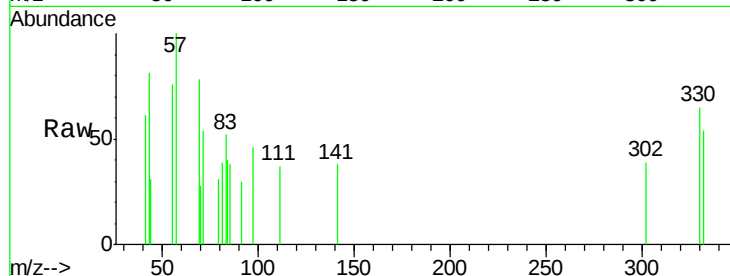
Tot Ion:330 Resp: 600

Ion Ratio Lower Upper

330 100

332 113.8 77.0 115.6

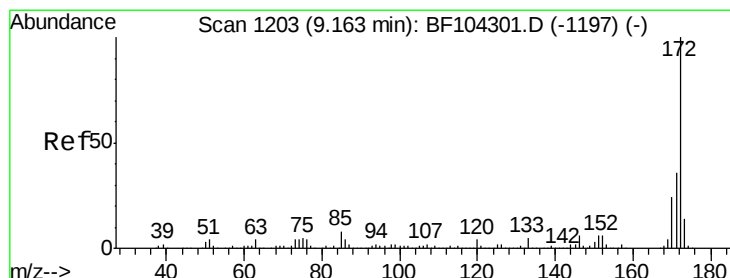
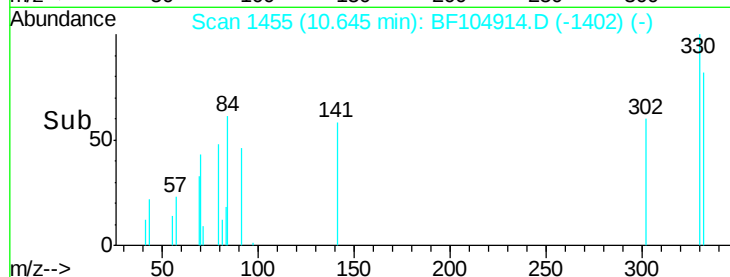
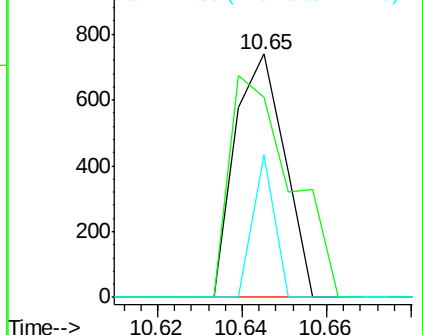
141 25.3 29.9 44.9#



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: 75.544 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF104914.D

Acq: 28 Apr 2018 7:01

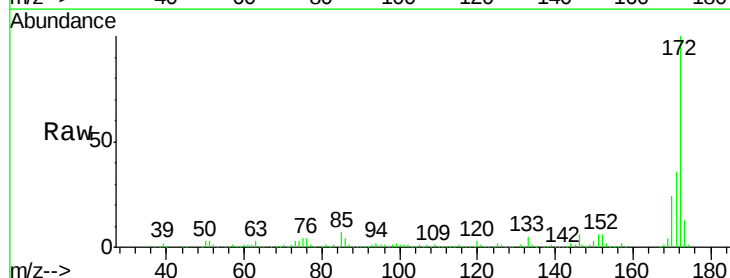
Tgt Ion:172 Resp: 832248

Ion Ratio Lower Upper

172 100

171 36.0 29.7 44.5

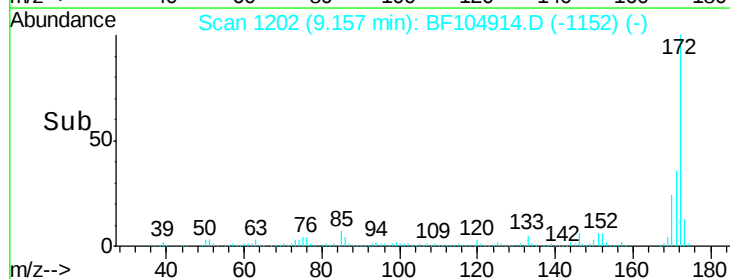
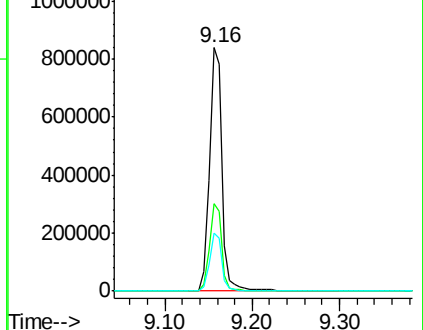
170 23.6 19.6 29.4



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: 6.952 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF104914.D

Acq: 28 Apr 2018 7:01

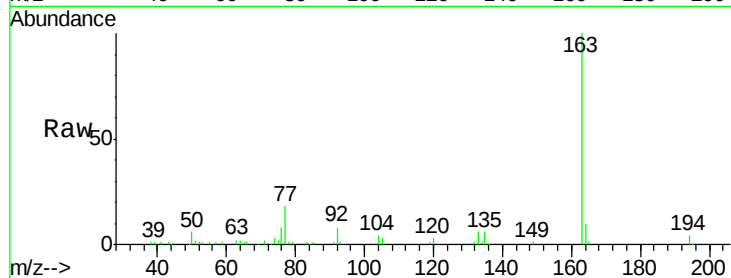
Tot Ion:163 Resp: 95414

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

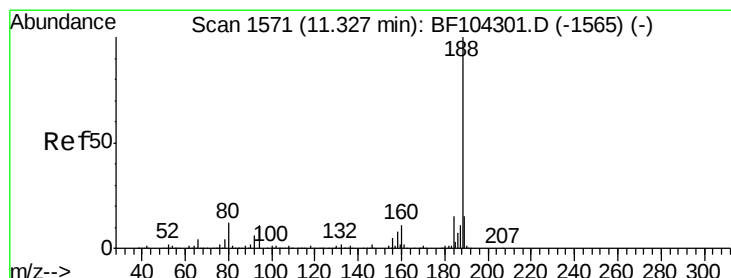
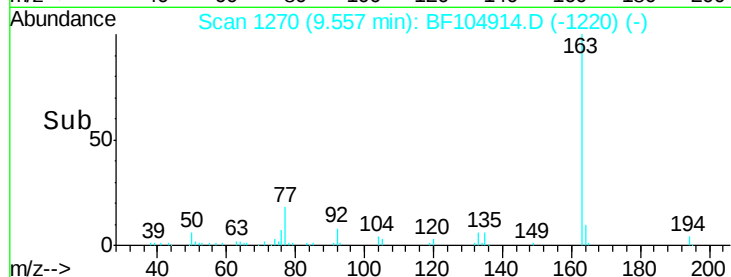
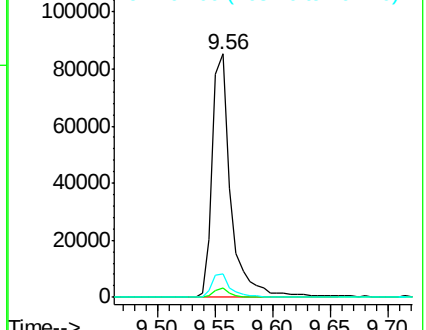
164 9.6 8.2 12.2



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# 1572

Delta R.T. 0.00 min

Lab File: BF104914.D

Acq: 28 Apr 2018 7:01

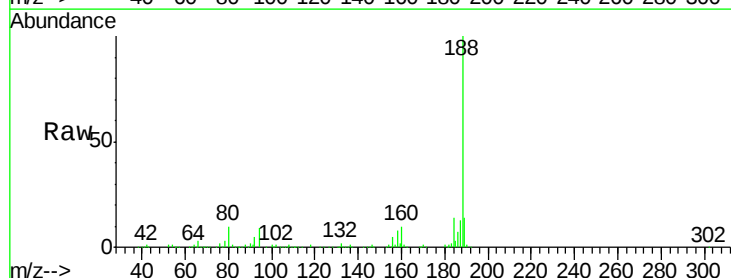
Tgt Ion:188 Resp: 269668

Ion Ratio Lower Upper

188 100

94 9.3 8.5 12.7

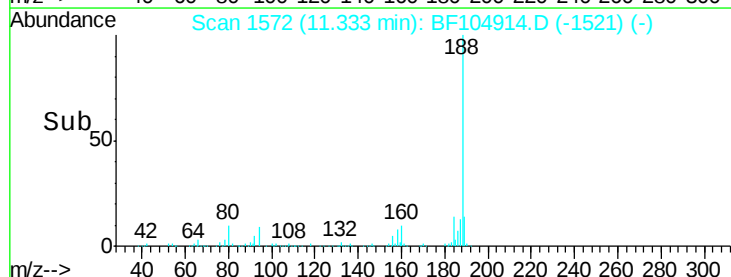
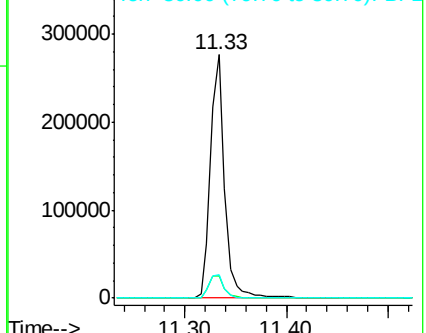
80 9.8 9.2 13.8

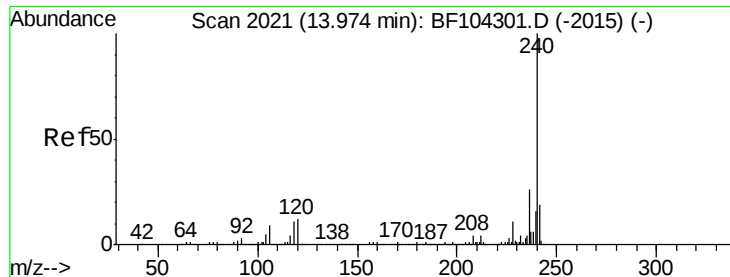


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF104914.D

Acq: 28 Apr 2018 7:01

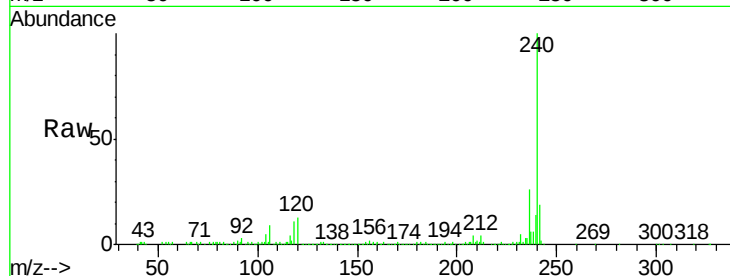
Tot Ion:240 Resp: 204745

Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.5	14.3
236	25.7	20.7	31.1

240 100

120 12.5 9.5 14.3

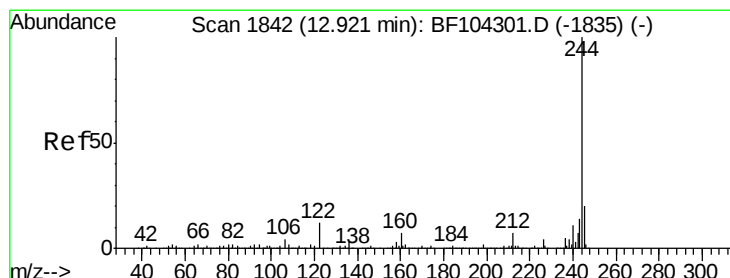
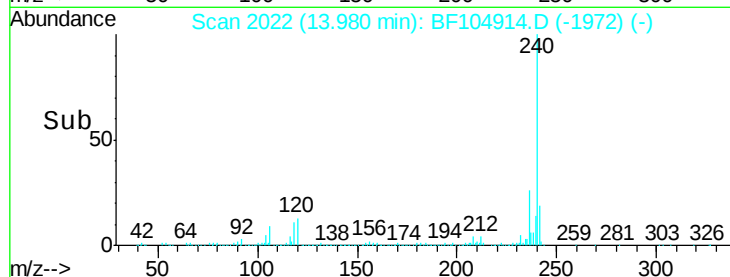
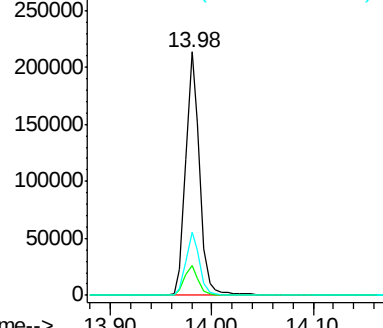
236 25.7 20.7 31.1



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: 72.935 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF104914.D

Acq: 28 Apr 2018 7:01

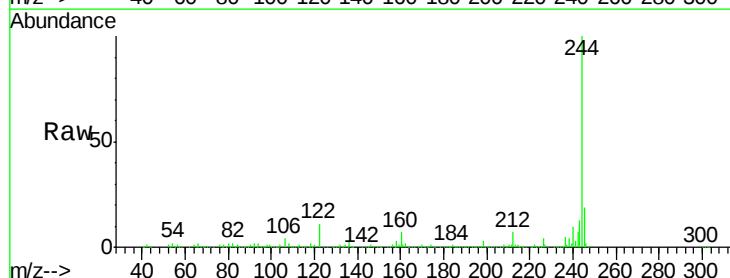
Tgt Ion:244 Resp: 655010

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.1	11.0	16.4

244 100

212 6.8 5.4 8.0

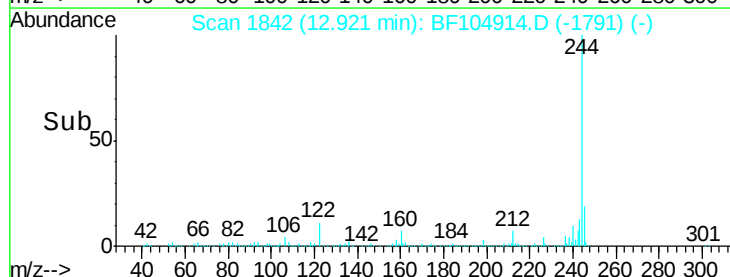
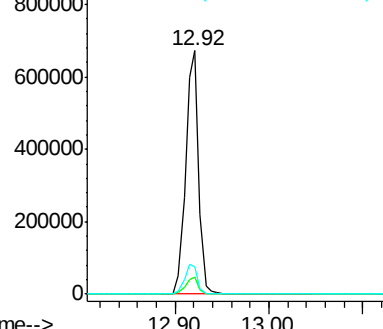
122 11.1 11.0 16.4

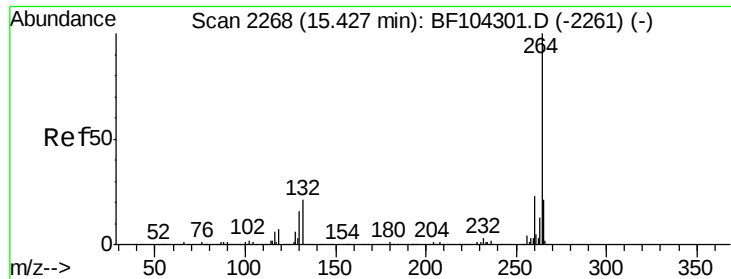


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

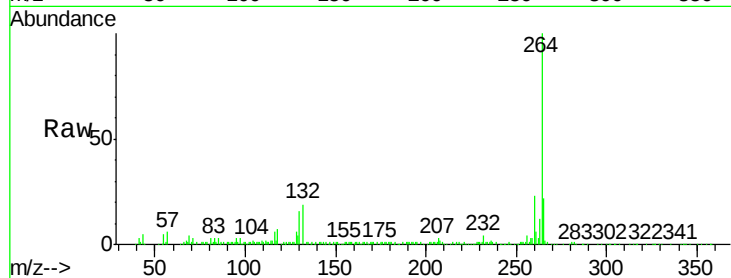
Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.00 min
Lab File: BF104914.D
Acq: 28 Apr 2018 7:01

Tot Ion:	264	Resp:	152015
Ion	Ratio	Lower	Upper
264	100		
260	23.2	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

