

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
 Data File : BF104922.D
 Acq On : 28 Apr 2018 10:32
 Operator : JU/SJ
 Sample : J2574-05
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

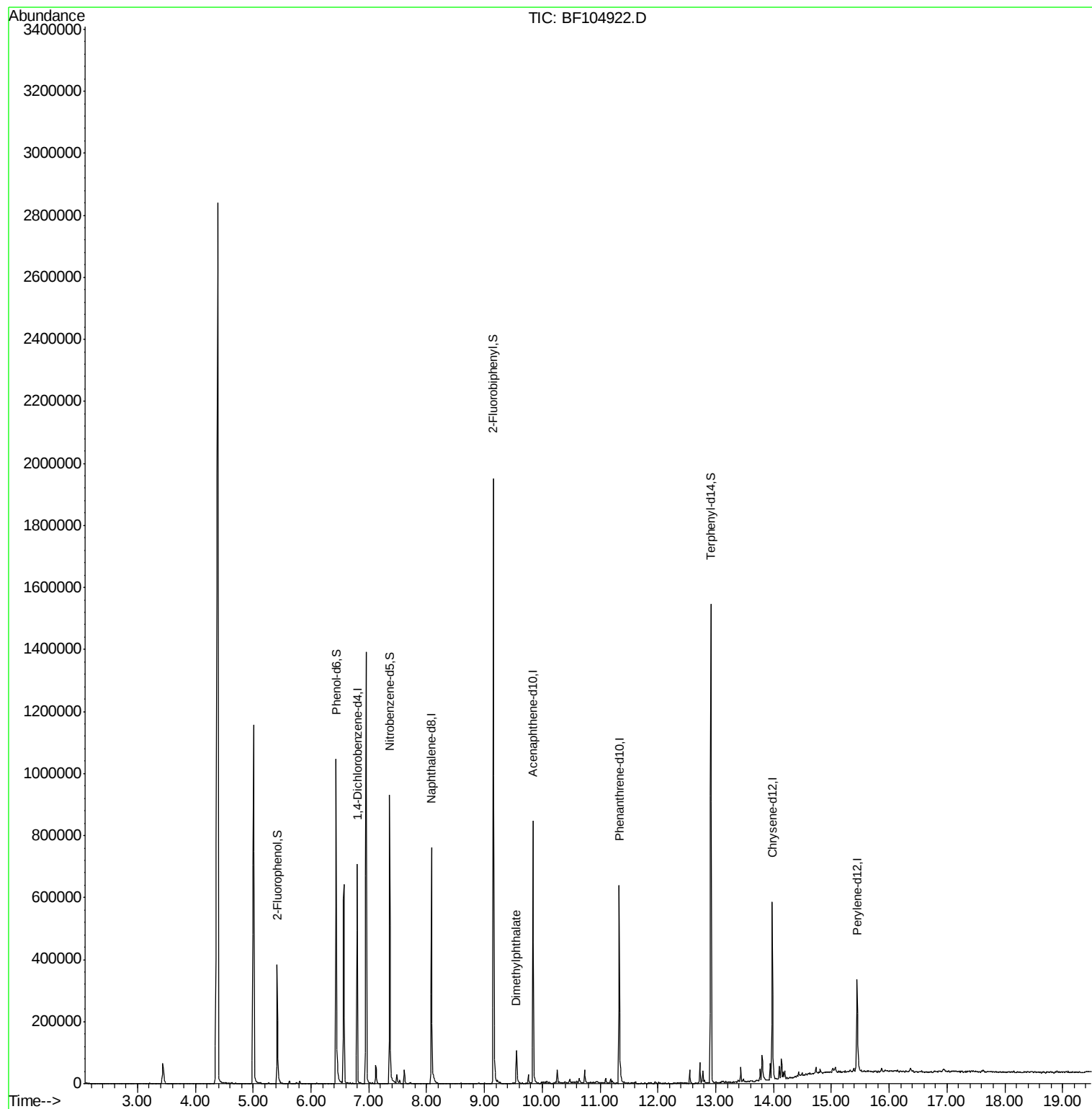
Quant Time: Apr 30 04:05:53 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 17:16:11 2018
 Response via : Initial Calibration

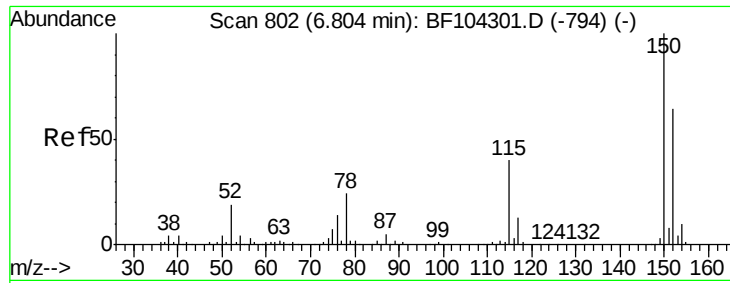
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	100337	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	405591	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	171917	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	275281	20.00	ng	0.00
75) Chrysene-d12	13.98	240	204599	20.00	ng	0.00
86) Perylene-d12	15.45	264	149221	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	132826	20.24	ng	0.00
7) Phenol-d6	6.43	99	405831	50.34	ng	-0.01
23) Nitrobenzene-d5	7.36	82	310553	50.00	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	3219	1.81	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	609449	56.00	ng	0.00
78) Terphenyl-d14	12.92	244	495284	55.19	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.56	163	64974	4.793	ng	97

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

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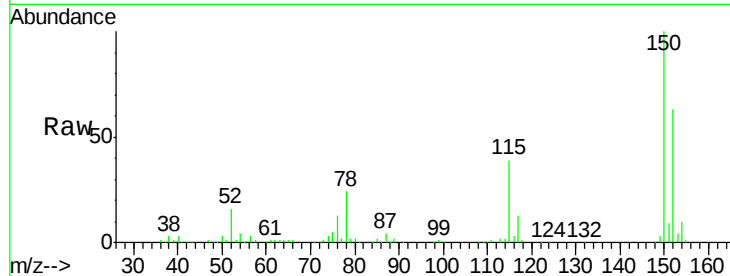




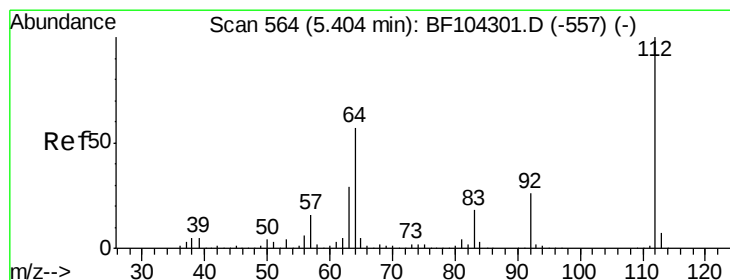
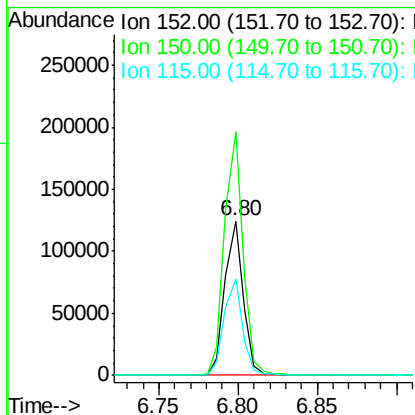
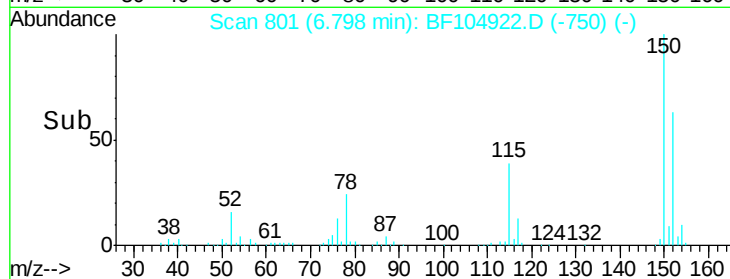
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF104922.D
Acq: 28 Apr 2018 10:32

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.6	186.8
115	62.3	50.1	75.1



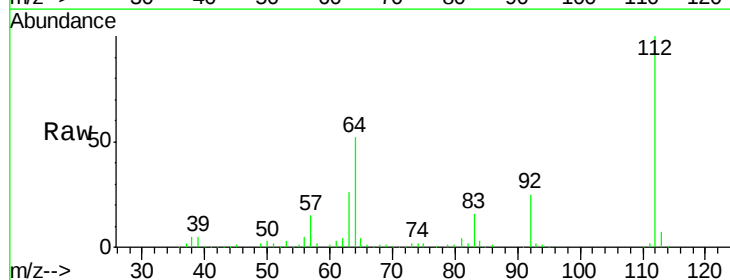
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



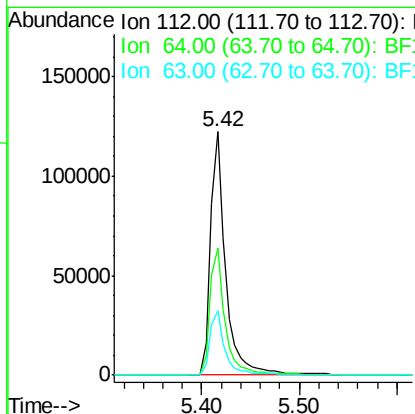
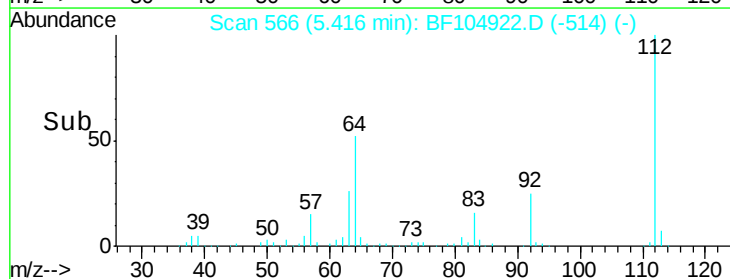
#5

2-Fluorophenol
Concen: 20.242 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF104922.D
Acq: 28 Apr 2018 10:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.0	47.9	71.9
63	26.4	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: 50.335 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF104922.D

Acq: 28 Apr 2018 10:32

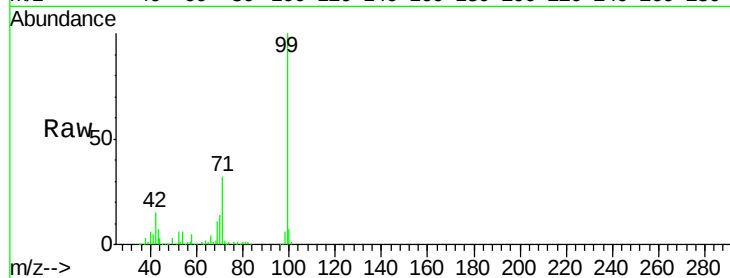
Tot Ion: 99 Resp: 405831

Ion Ratio Lower Upper

99 100

42 14.8 14.5 21.7

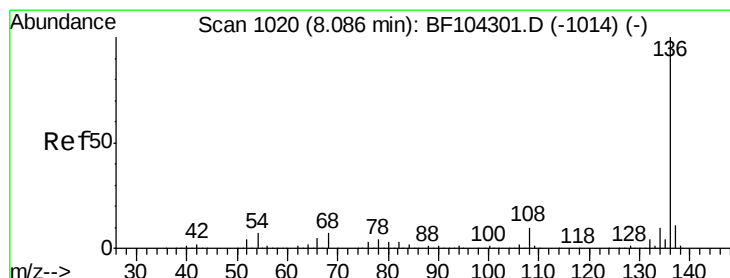
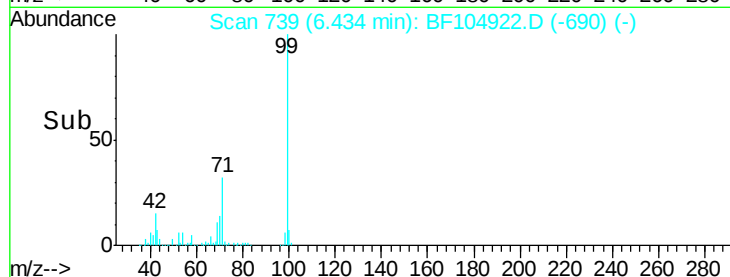
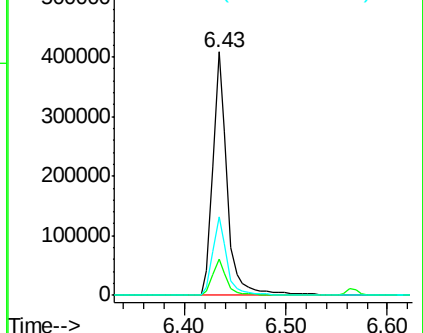
71 32.2 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF104922.D

Acq: 28 Apr 2018 10:32

Tgt Ion: 136 Resp: 405591

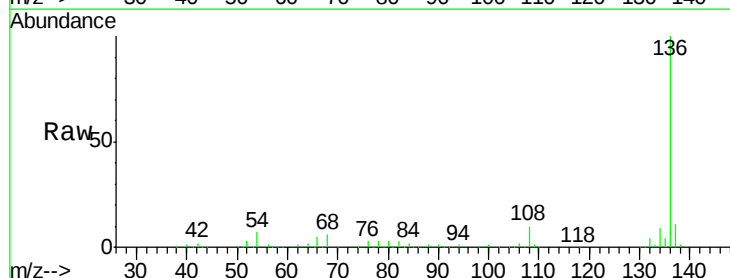
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.0 6.6 9.8

68 5.8 5.0 7.4

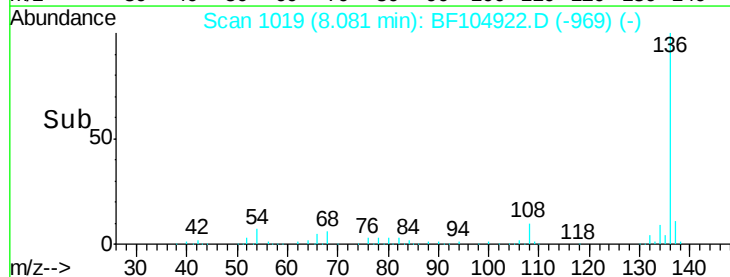
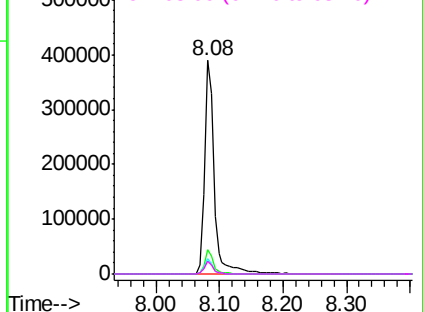


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

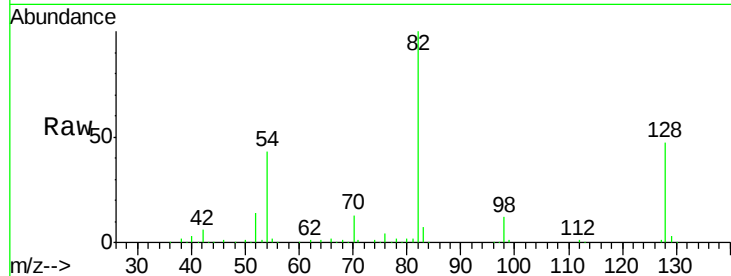
Ion 68.00 (67.70 to 68.70): BF1



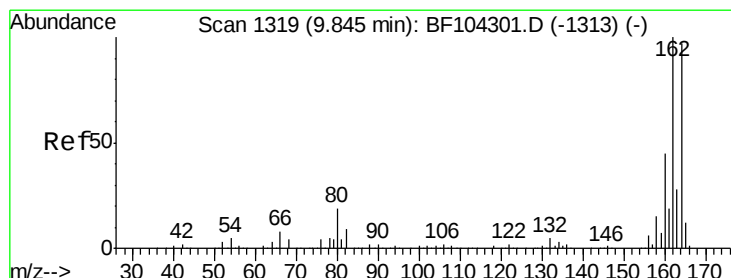
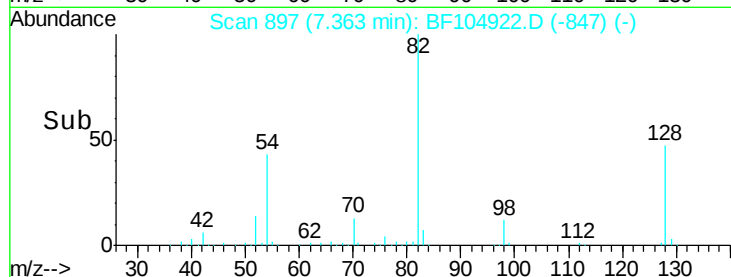
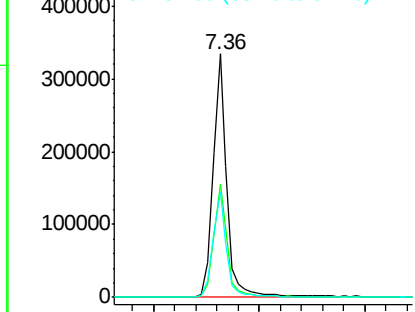


#23
Nitrobenzene-d5
Concen: 49.997 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF104922.D
Acq: 28 Apr 2018 10:32

Tot Ion	82	Resp	310553
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
54	43.4	41.4	62.2

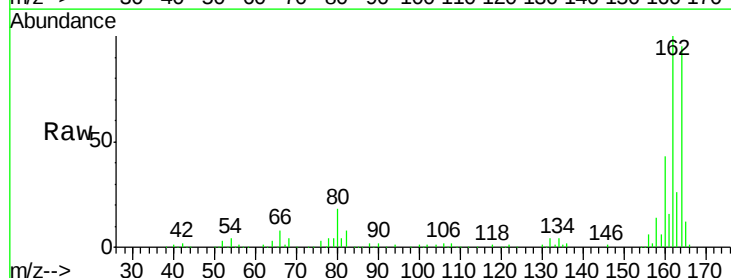


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

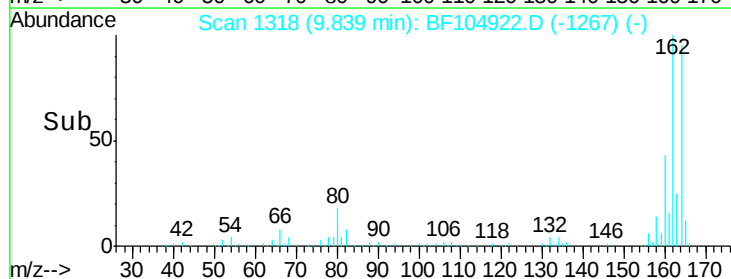
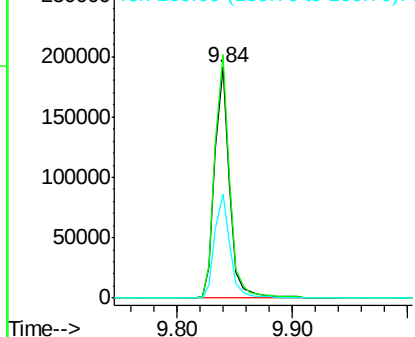


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF104922.D
Acq: 28 Apr 2018 10:32

Tgt Ion	164	Resp	171917
Ion Ratio	100		
Lower	86.1		
Upper	129.1		
162	105.6	38.3	57.5



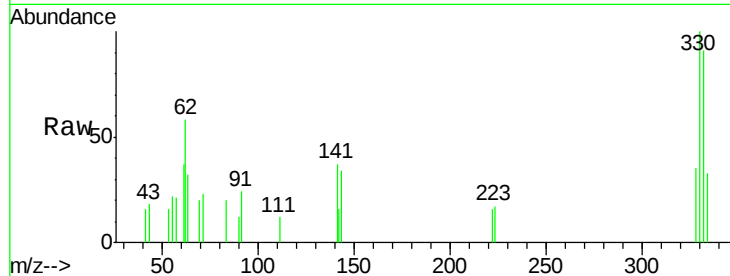
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



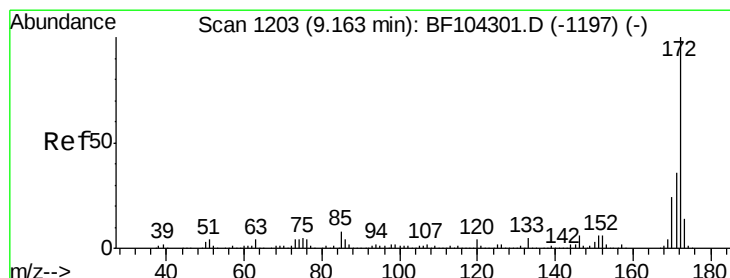
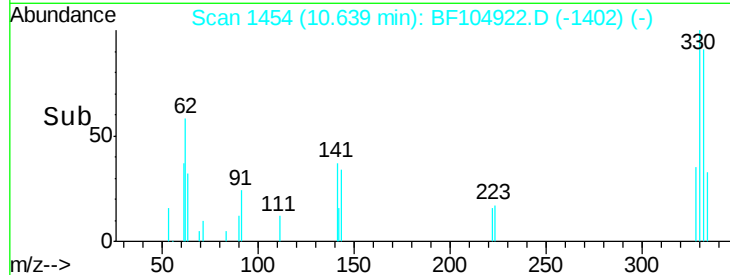
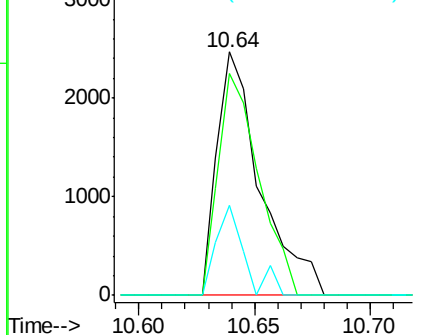


#41
 2,4,6-Tribromophenol
 Concen: 1.805 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.01 min
 Lab File: BF104922.D
 Acq: 28 Apr 2018 10:32

Tot Ion:330 Resp: 3219
 Ion Ratio Lower Upper
 330 100
 332 85.1 77.0 115.6
 141 24.0 29.9 44.9#

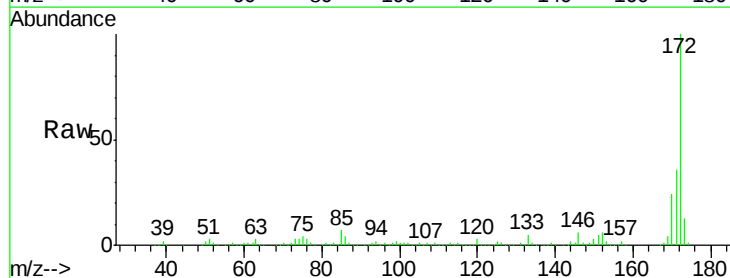


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

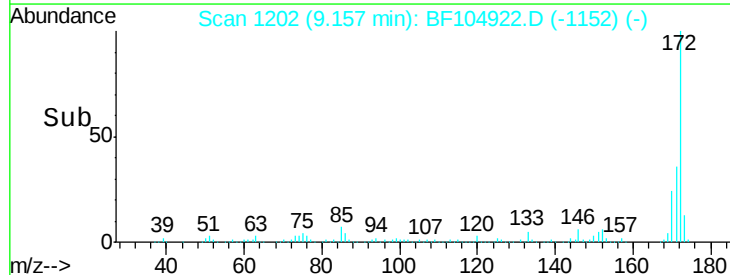
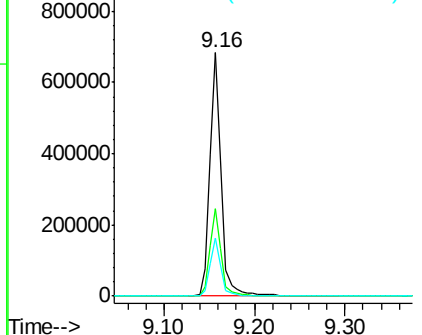


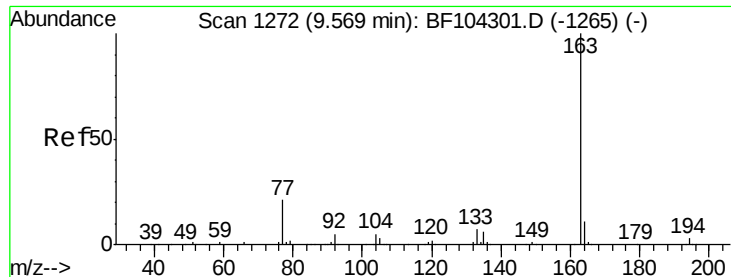
#44
 2-Fluorobiphenyl
 Concen: 56.002 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF104922.D
 Acq: 28 Apr 2018 10:32

Tgt Ion:172 Resp: 609449
 Ion Ratio Lower Upper
 172 100
 171 35.9 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: 4.793 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF104922.D

Acq: 28 Apr 2018 10:32

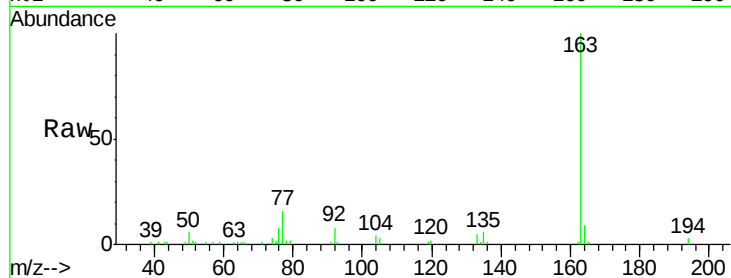
Tot Ion:163 Resp: 64974

Ion Ratio Lower Upper

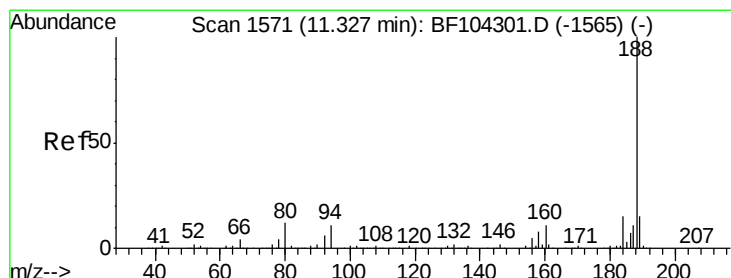
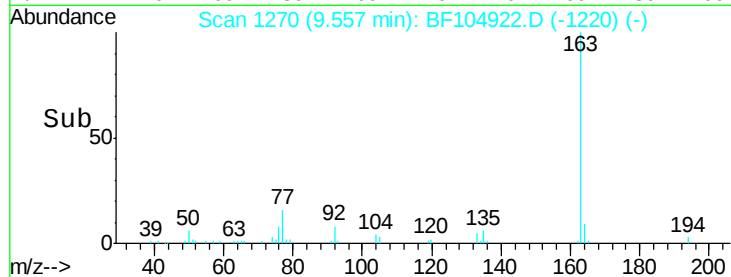
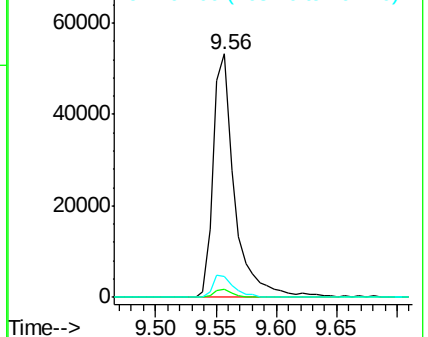
163 100

194 3.3 2.7 4.1

164 8.6 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# 1571

Delta R.T. -0.01 min

Lab File: BF104922.D

Acq: 28 Apr 2018 10:32

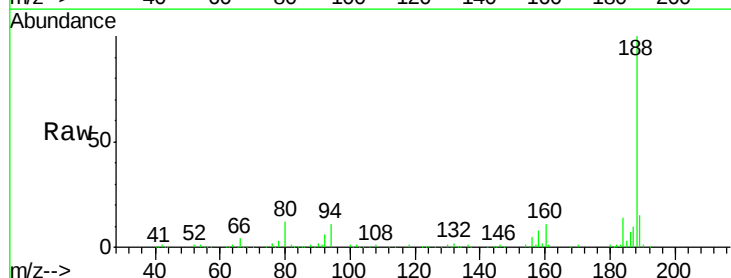
Tgt Ion:188 Resp: 275281

Ion Ratio Lower Upper

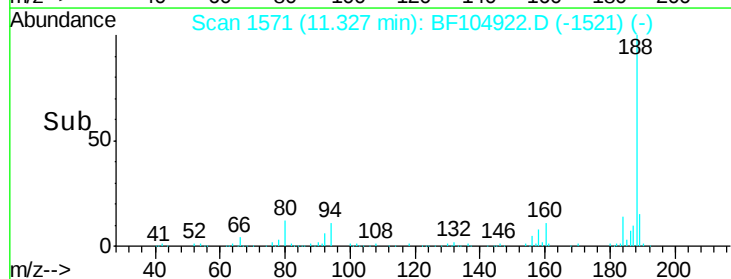
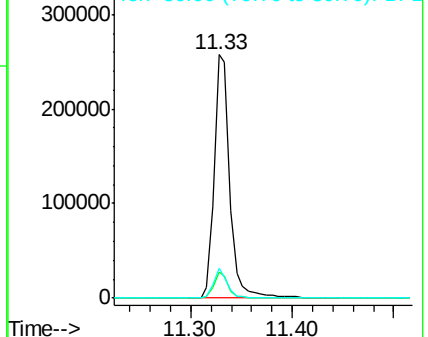
188 100

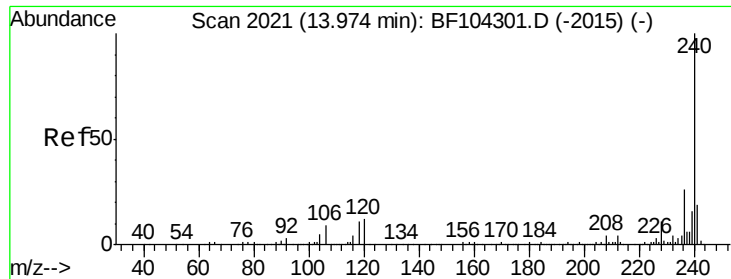
94 10.6 8.5 12.7

80 12.2 9.2 13.8



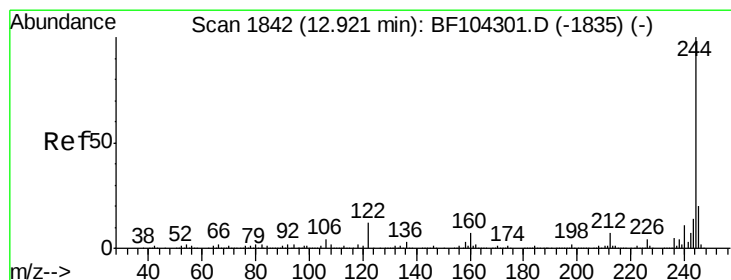
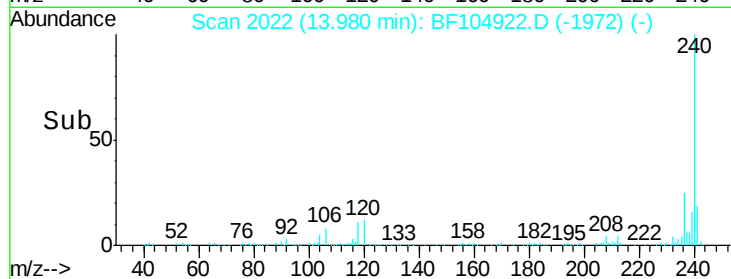
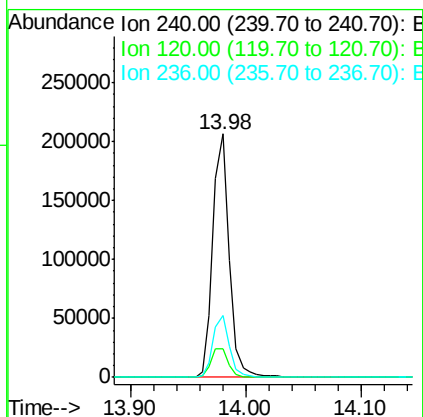
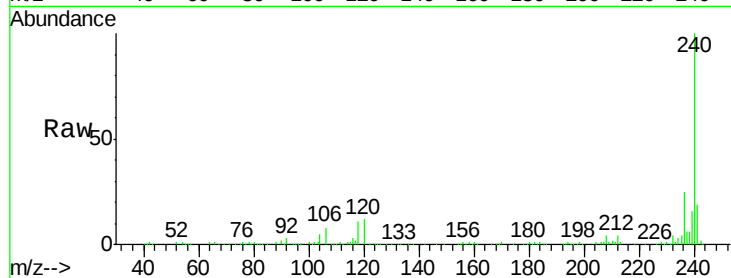
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





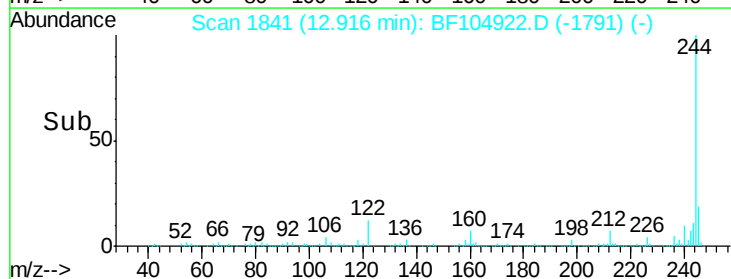
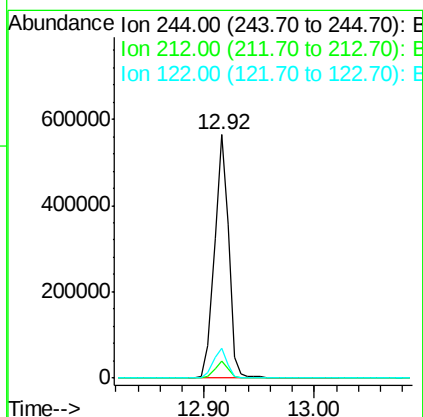
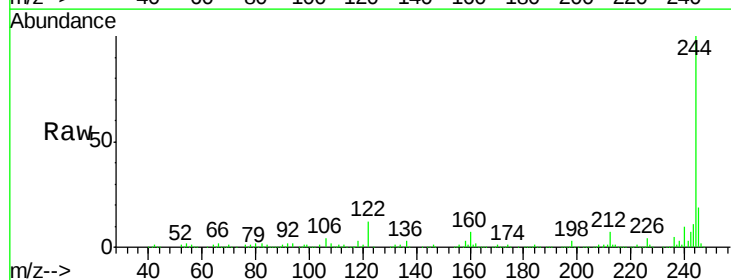
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF104922.D
Acq: 28 Apr 2018 10:32

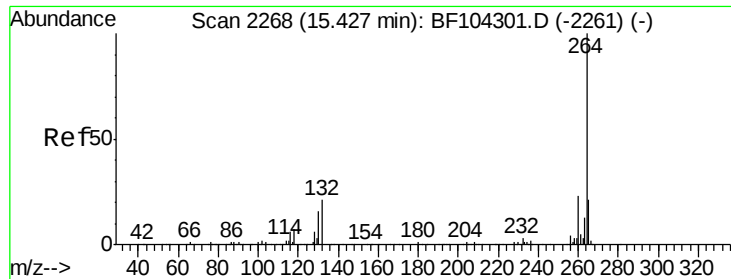
Tot Ion:240 Resp: 204599
Ion Ratio Lower Upper
240 100
120 11.8 9.5 14.3
236 25.3 20.7 31.1



#78
Terphenyl-d14
Concen: 55.189 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF104922.D
Acq: 28 Apr 2018 10:32

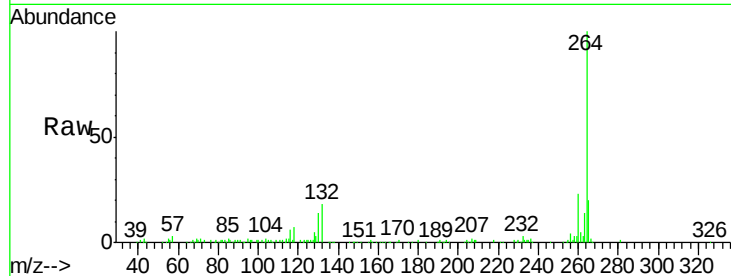
Tgt Ion:244 Resp: 495284
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 12.5 11.0 16.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.00 min
Lab File: BF104922.D
Acq: 28 Apr 2018 10:32

Tot Ion:264	Resp:	149221
Ion Ratio	Lower	Upper
264	100	
260	23.1	19.2 28.8
265	20.0	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

