

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
 Data File : BF104908.D
 Acq On : 28 Apr 2018 4:22
 Operator : JU/SJ
 Sample : J2592-03 10X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

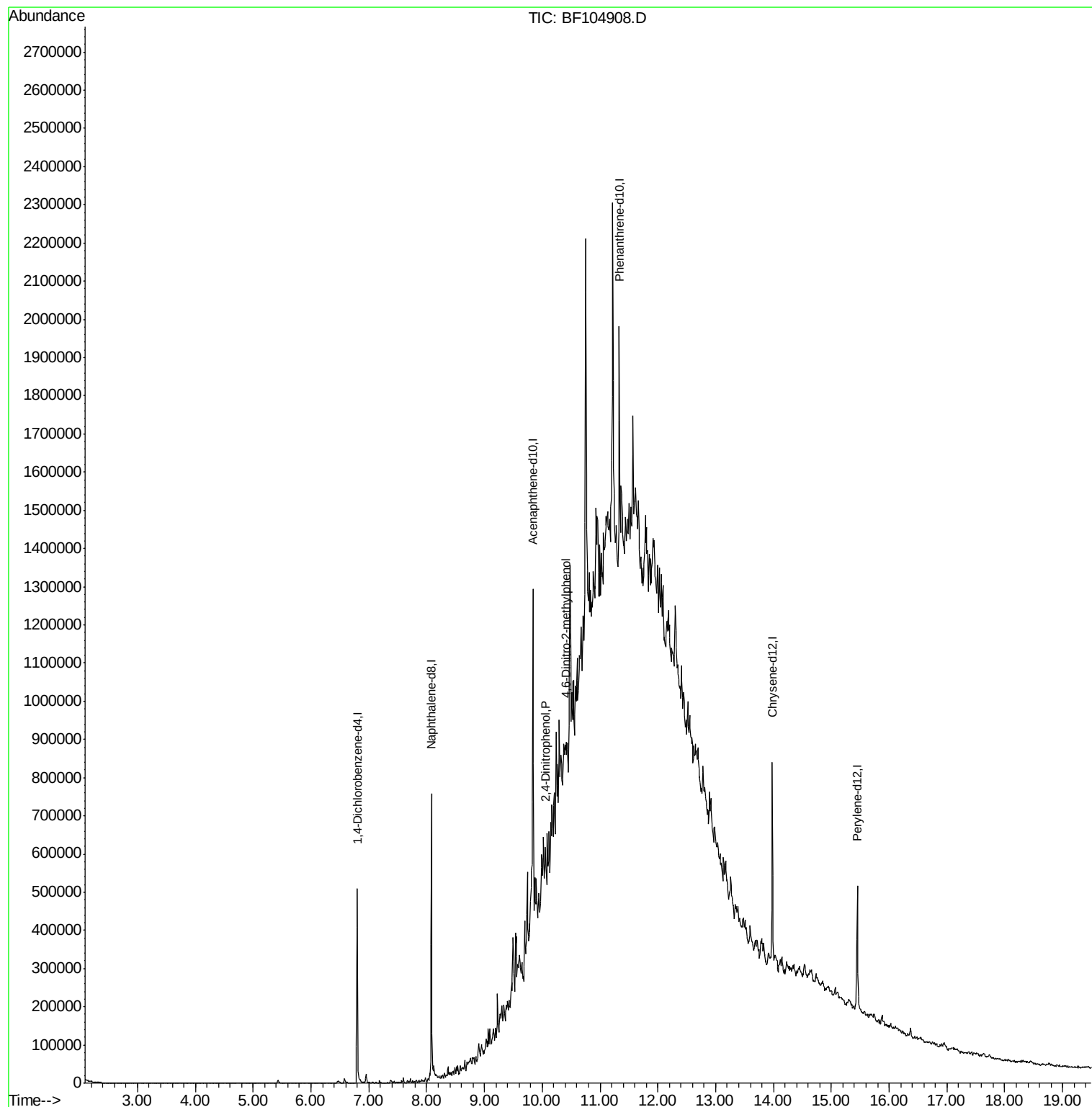
Quant Time: Apr 28 05:05:03 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 17:16:11 2018
 Response via : Initial Calibration

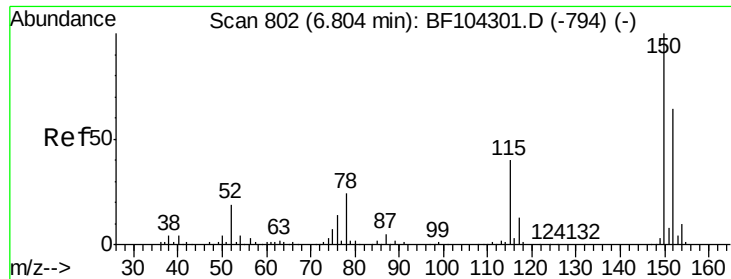
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	87839	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	371633	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	147369	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	210200	20.00	ng	0.00
75) Chrysene-d12	13.98	240	188461	20.00	ng	0.00
86) Perylene-d12	15.45	264	154619	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	7026	1.22	ng	0.02
7) Phenol-d6	6.47	99	8031	1.14	ng	0.02
23) Nitrobenzene-d5	7.37	82	5287	0.93	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	1495	0.98	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	13147	1.41	ng	0.00
78) Terphenyl-d14	12.92	244	11256	1.36	ng	0.00
Target Compounds						Qvalue
53) 2,4-Dinitrophenol	10.05	184	153	5.39	ng	# 71
64) 4,6-Dinitro-2-methylphenol	10.41	198	479	7.74	ng	# 1
76) Benzidine	12.62	184	358	Below Cal		# 1

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

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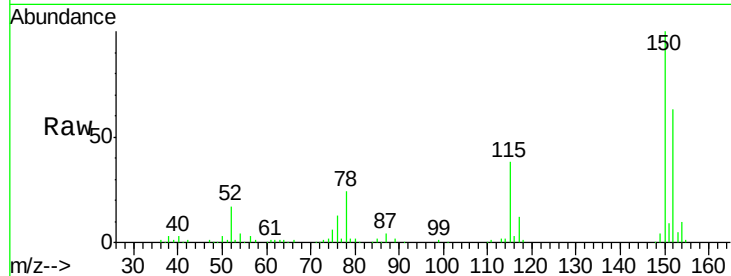




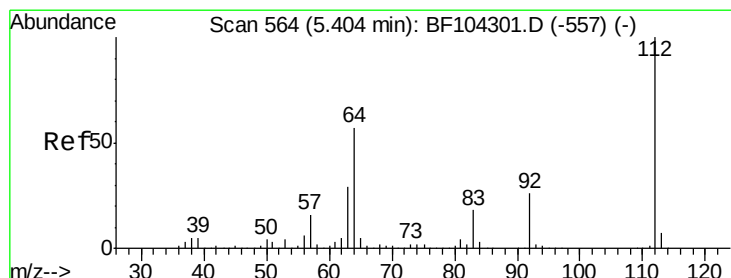
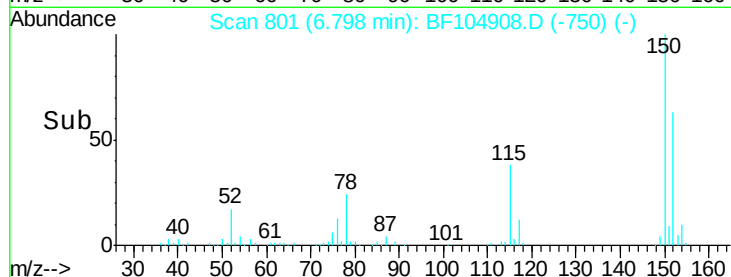
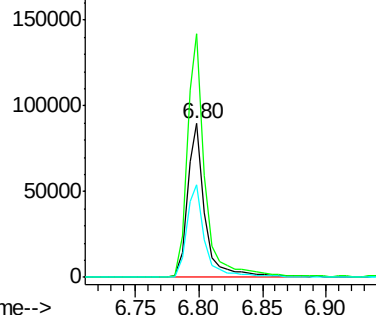
#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF104908.D
Acq: 28 Apr 2018 4:22

Tot Ion:152 Resp: 87839
Ion Ratio Lower Upper
152 100
150 158.2 124.6 186.8
115 59.8 50.1 75.1



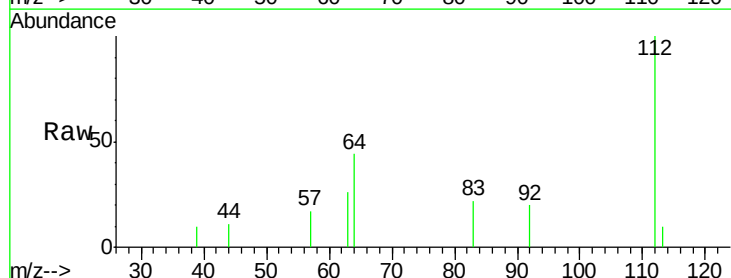
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



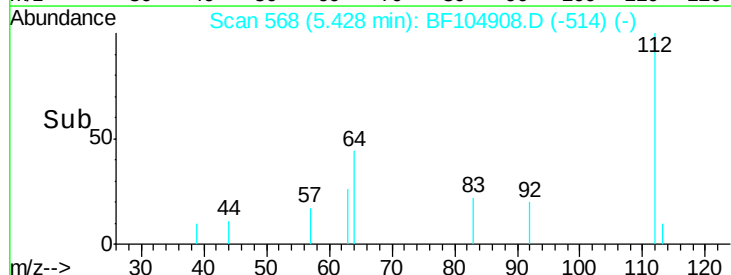
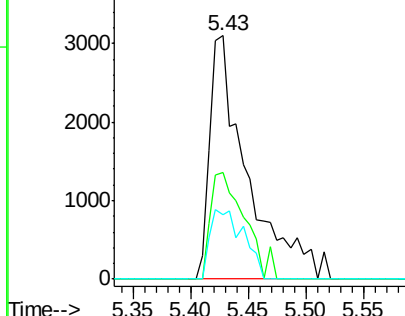
#5

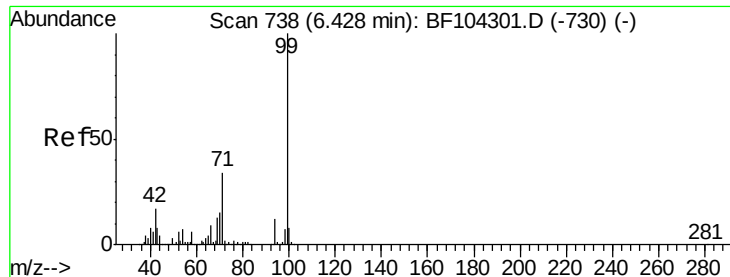
2-Fluorophenol
Concen: 1.22 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF104908.D
Acq: 28 Apr 2018 4:22

Tgt Ion:112 Resp: 7026
Ion Ratio Lower Upper
112 100
64 43.9 47.9 71.9#
63 26.2 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: 1.14 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.02 min

Lab File: BF104908.D

Acq: 28 Apr 2018 4:22

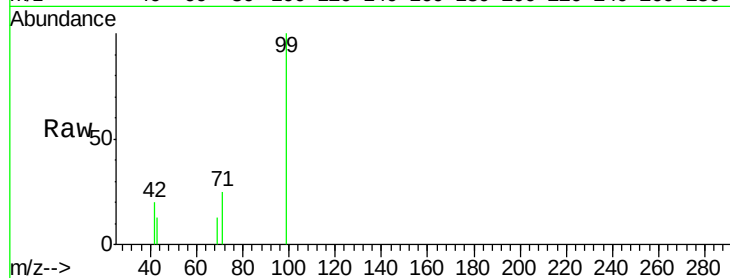
Tot Ion: 99 Resp: 8031

Ion Ratio Lower Upper

99 100

42 20.3 14.5 21.7

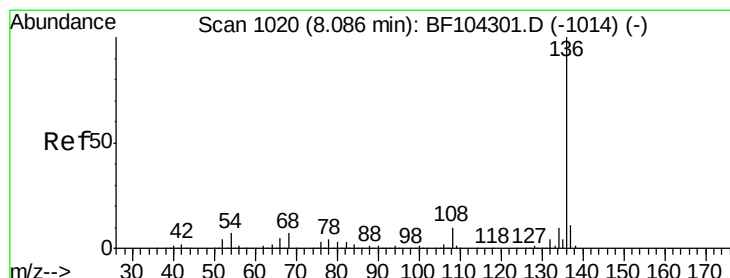
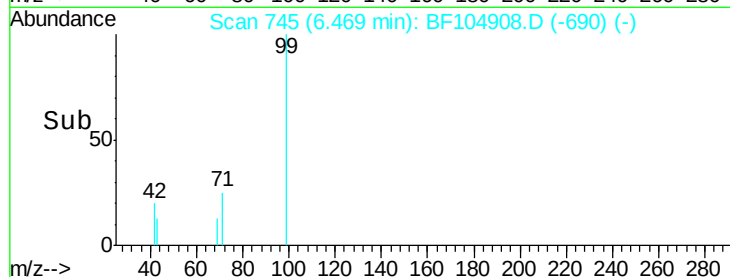
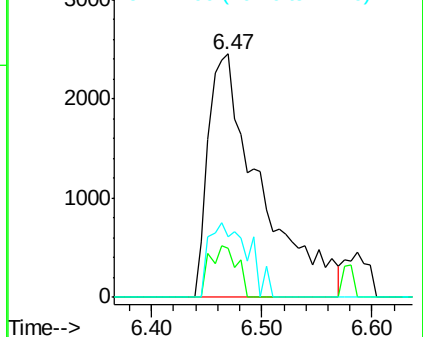
71 24.6 25.4 38.0#



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: 20.00 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF104908.D

Acq: 28 Apr 2018 4:22

Tgt Ion: 136 Resp: 371633

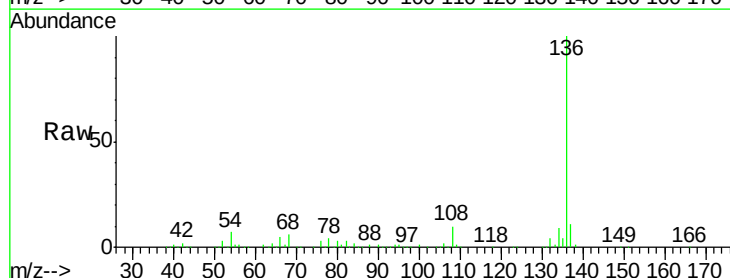
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 6.5 6.6 9.8#

68 6.1 5.0 7.4

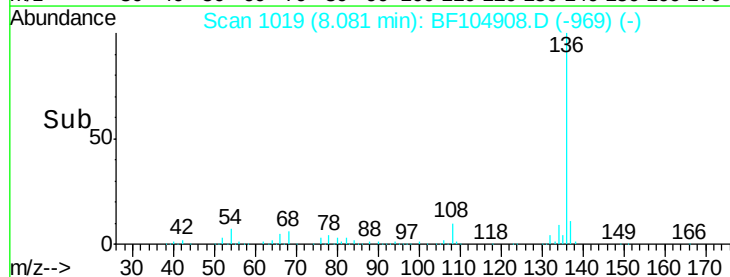
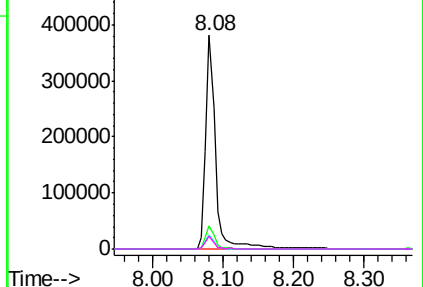


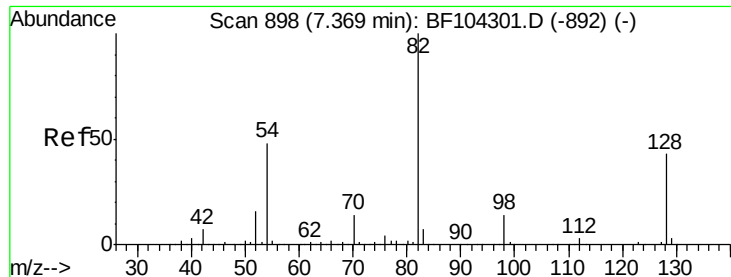
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

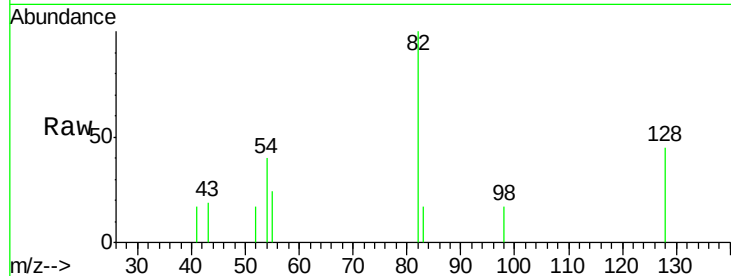
Ion 68.00 (67.70 to 68.70): BF1



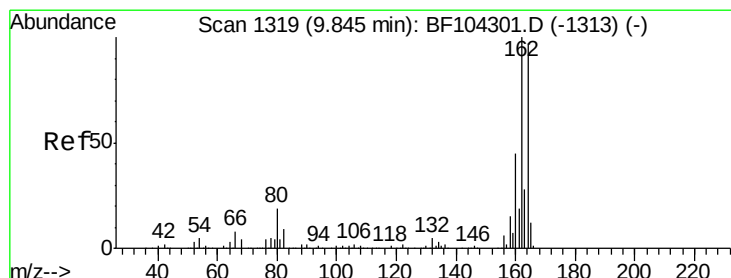
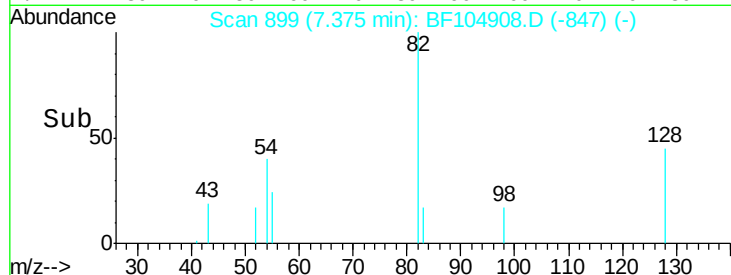
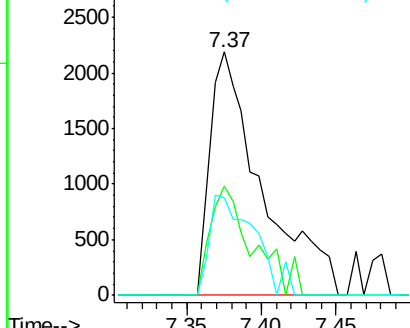


#23
 Nitrobenzene-d5
 Concen: 0.93 ng
 RT: 7.37 min Scan# 899
 Delta R.T. 0.01 min
 Lab File: BF104908.D
 Acq: 28 Apr 2018 4:22

Tot Ion: 82 Resp: 5287
 Ion Ratio Lower Upper
 82 100
 128 44.7 36.1 54.1
 54 40.2 41.4 62.2#

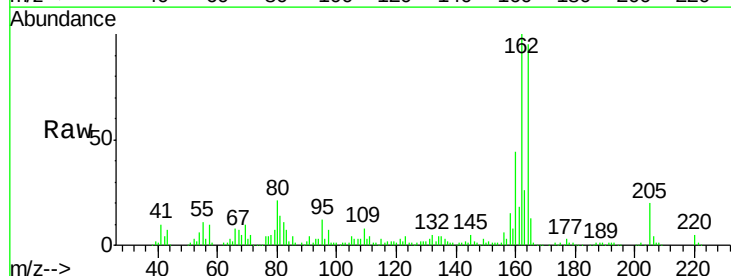


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

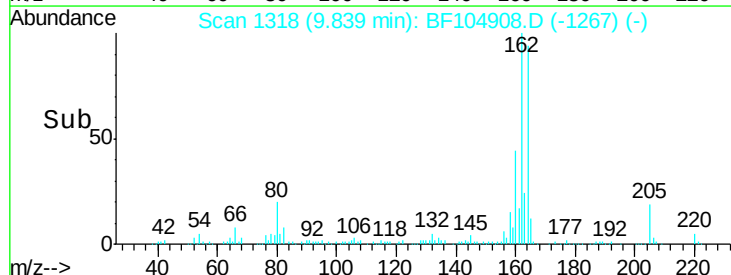
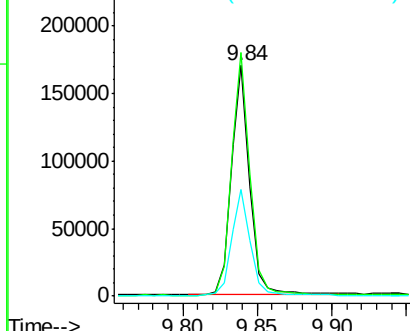


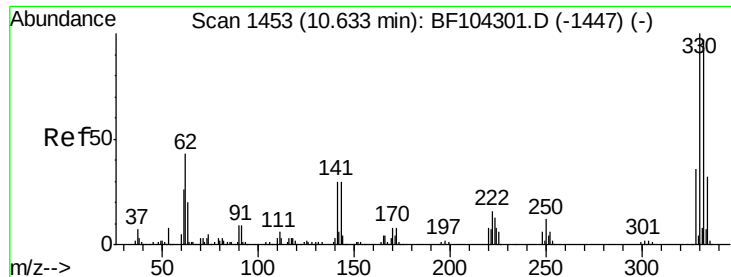
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: BF104908.D
 Acq: 28 Apr 2018 4:22

Tgt Ion: 164 Resp: 147369
 Ion Ratio Lower Upper
 164 100
 162 105.7 86.1 129.1
 160 46.1 38.3 57.5



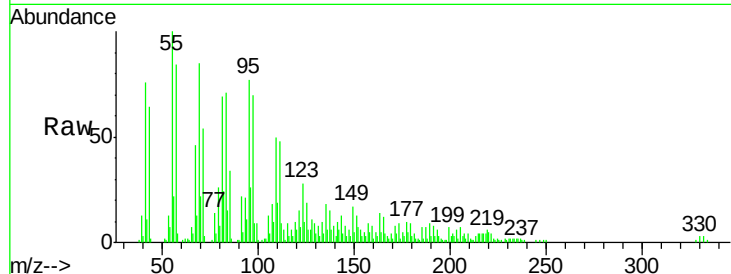
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E



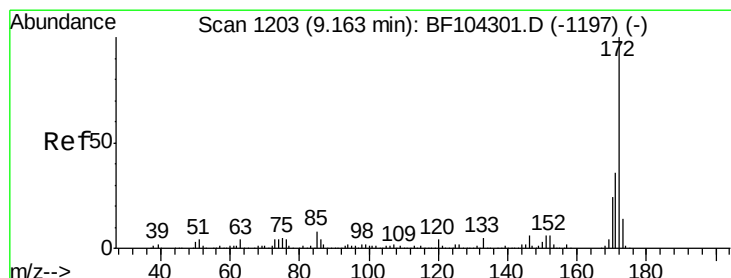
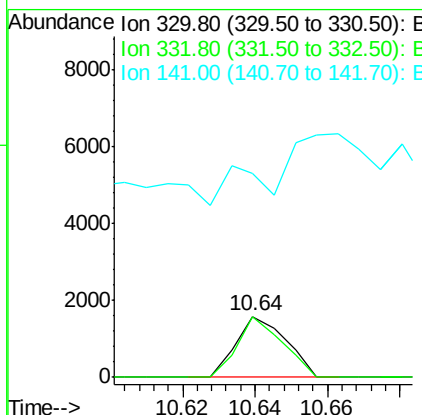
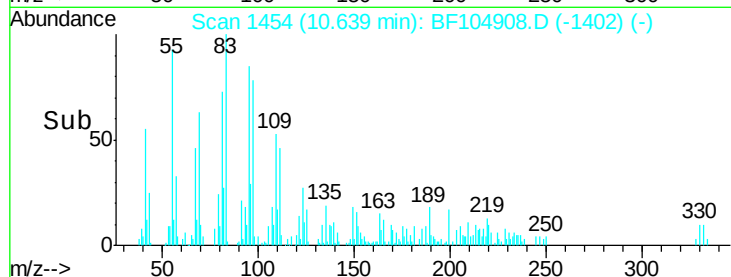


#41
 2,4,6-Tribromophenol
 Concen: 0.98 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.01 min
 Lab File: BF104908.D
 Acq: 28 Apr 2018 4:22

Tot Ion	Ratio	Lower	Upper
330	100		
332	90.6	77.0	115.6
141	0.0	29.9	44.9

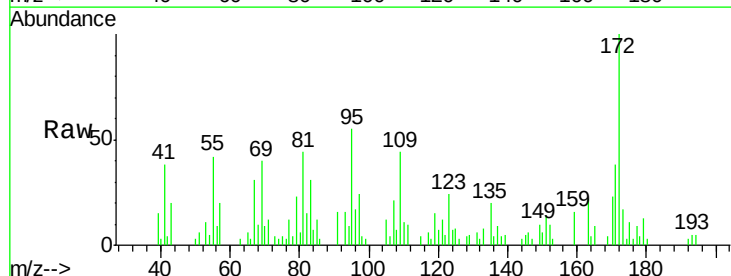


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

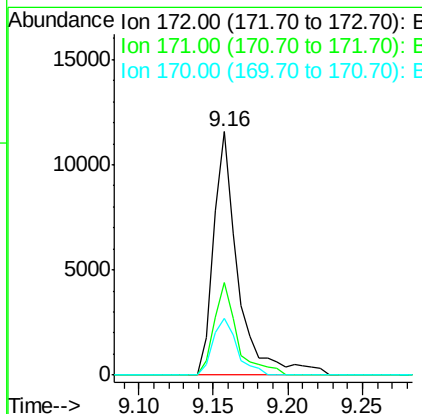
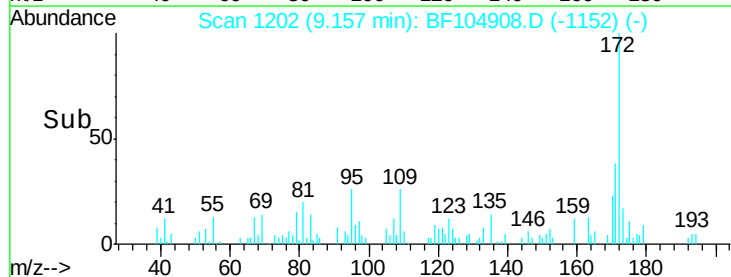


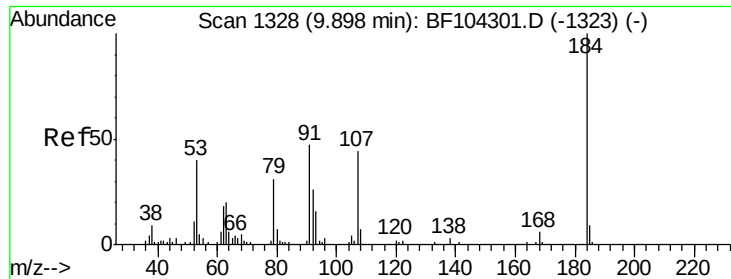
#44
 2-Fluorobiphenyl
 Concen: 1.41 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF104908.D
 Acq: 28 Apr 2018 4:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.7	44.5
170	23.4	19.6	29.4



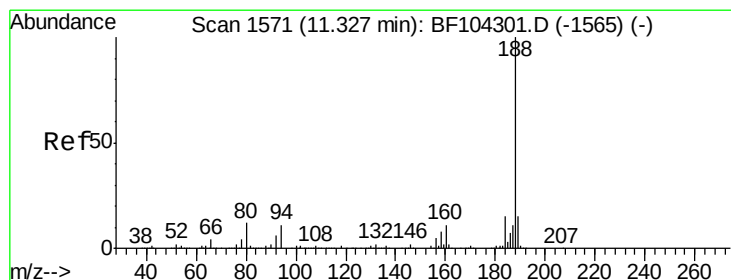
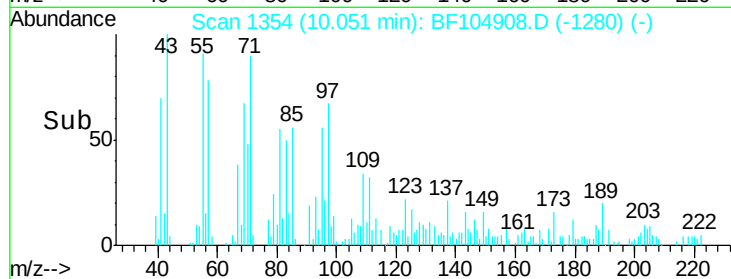
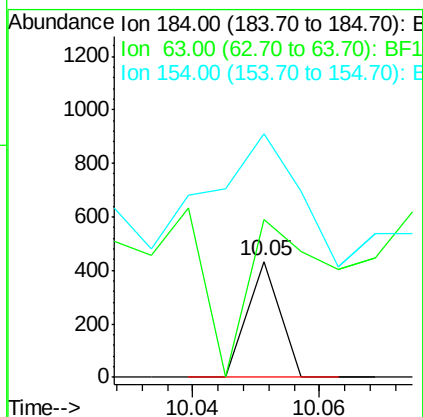
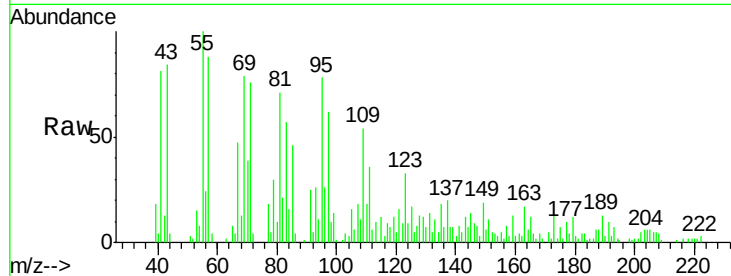
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





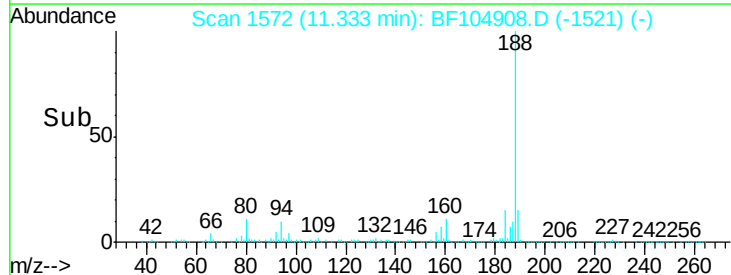
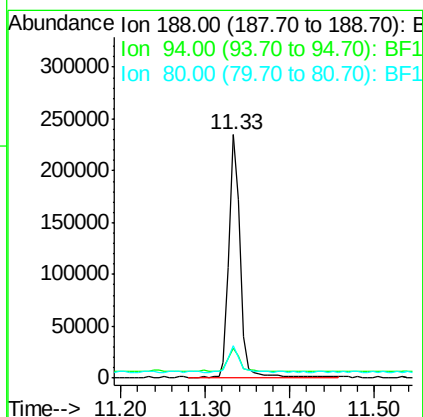
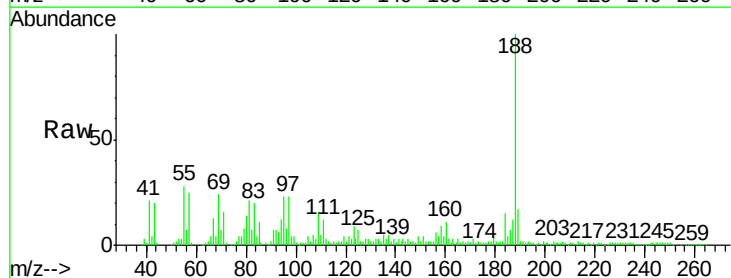
#53
2,4-Dinitrophenol
Concen: 5.39 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.14 min
Lab File: BF104908.D
Acq: 28 Apr 2018 4:22

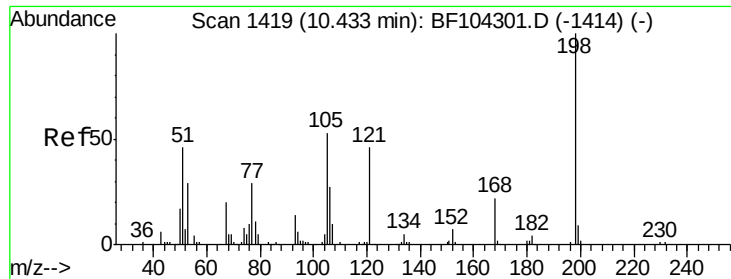
Tot Ion:184 Resp: 153
Ion Ratio Lower Upper
184 100
63 136.0 54.2 81.2#
154 210.2 184.0 276.0



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF104908.D
Acq: 28 Apr 2018 4:22

Tgt Ion:188 Resp: 210200
Ion Ratio Lower Upper
188 100
94 12.5 8.5 12.7
80 13.5 9.2 13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 7.74 ng

RT: 10.41 min Scan# 1415

Delta R.T. -0.04 min

Lab File: BF104908.D

Acq: 28 Apr 2018 4:22

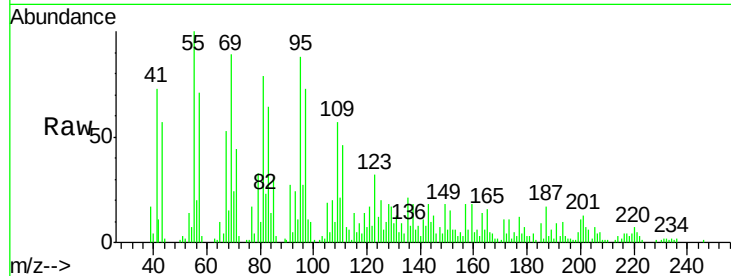
Tot Ion:198 Resp: 479

Ion Ratio Lower Upper

198 100

51 288.2 37.7 77.7#

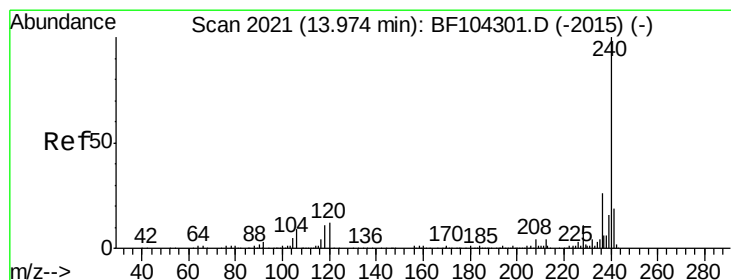
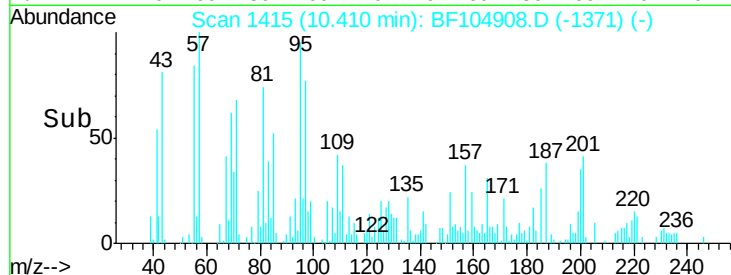
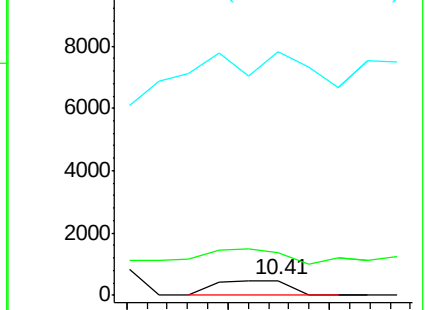
105 1648.1 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF104908.D

Acq: 28 Apr 2018 4:22

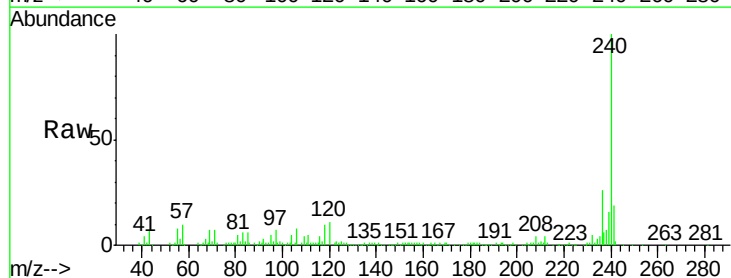
Tgt Ion:240 Resp: 188461

Ion Ratio Lower Upper

240 100

120 11.5 9.5 14.3

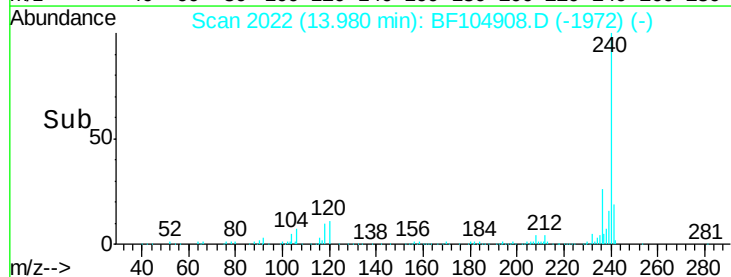
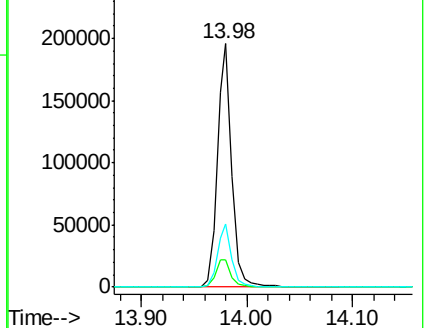
236 26.0 20.7 31.1

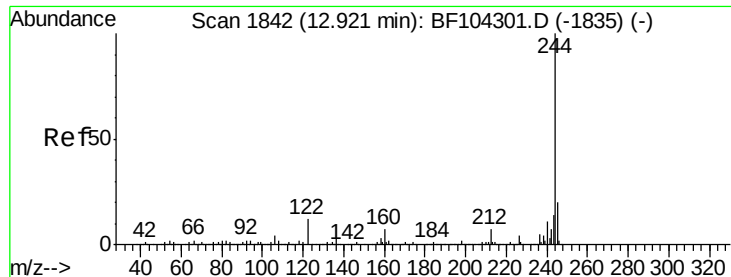


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 1.36 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF104908.D

Acq: 28 Apr 2018 4:22

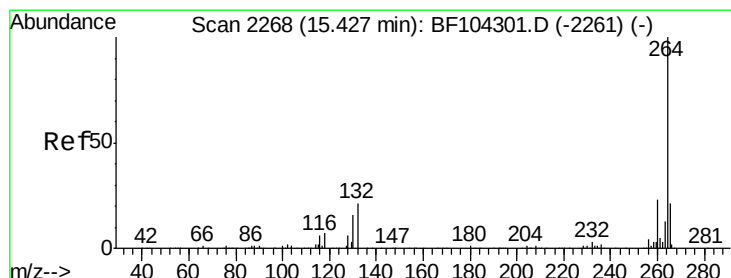
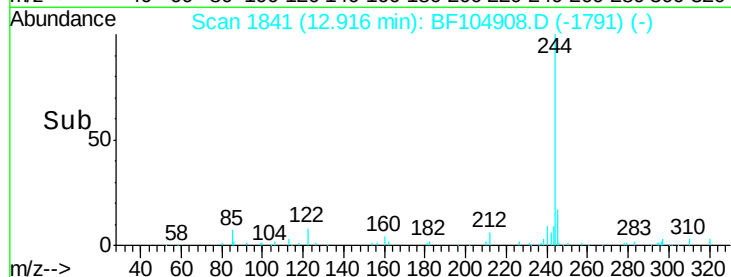
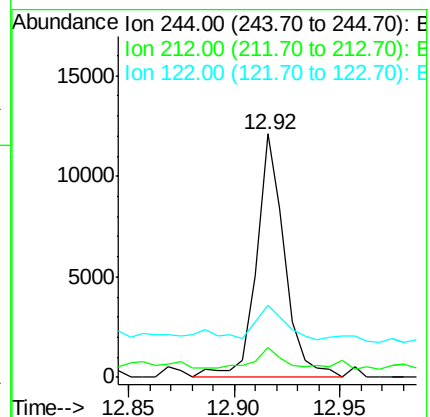
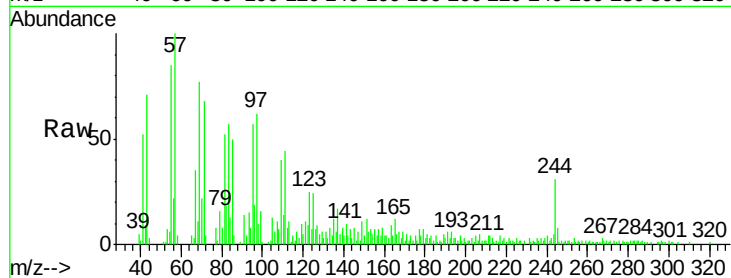
Tot Ion:244 Resp: 11256

Ion Ratio Lower Upper

244 100

212 12.5 5.4 8.0#

122 29.6 11.0 16.4#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.45 min Scan# 2272

Delta R.T. 0.00 min

Lab File: BF104908.D

Acq: 28 Apr 2018 4:22

Tgt Ion:264 Resp: 154619

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.2 17.5 26.3

