

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
 Data File : BF104804.D
 Acq On : 25 Apr 2018 22:08
 Operator : JU/SJ
 Sample : PB108602BL
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108602BL

Quant Time: Apr 26 12:31:34 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 14:01:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	101040	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	406383	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	172627	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	258901	20.00	ng	0.00
75) Chrysene-d12	13.98	240	199595	20.00	ng	0.00
86) Perylene-d12	15.45	264	149051	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	807283	122.17	ng	0.01
7) Phenol-d6	6.45	99	983474	121.13	ng	0.00
23) Nitrobenzene-d5	7.37	82	610189	98.05	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	202976	113.35	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1091560	99.89	ng	0.00
78) Terphenyl-d14	12.92	244	794562	90.76	ng	0.00

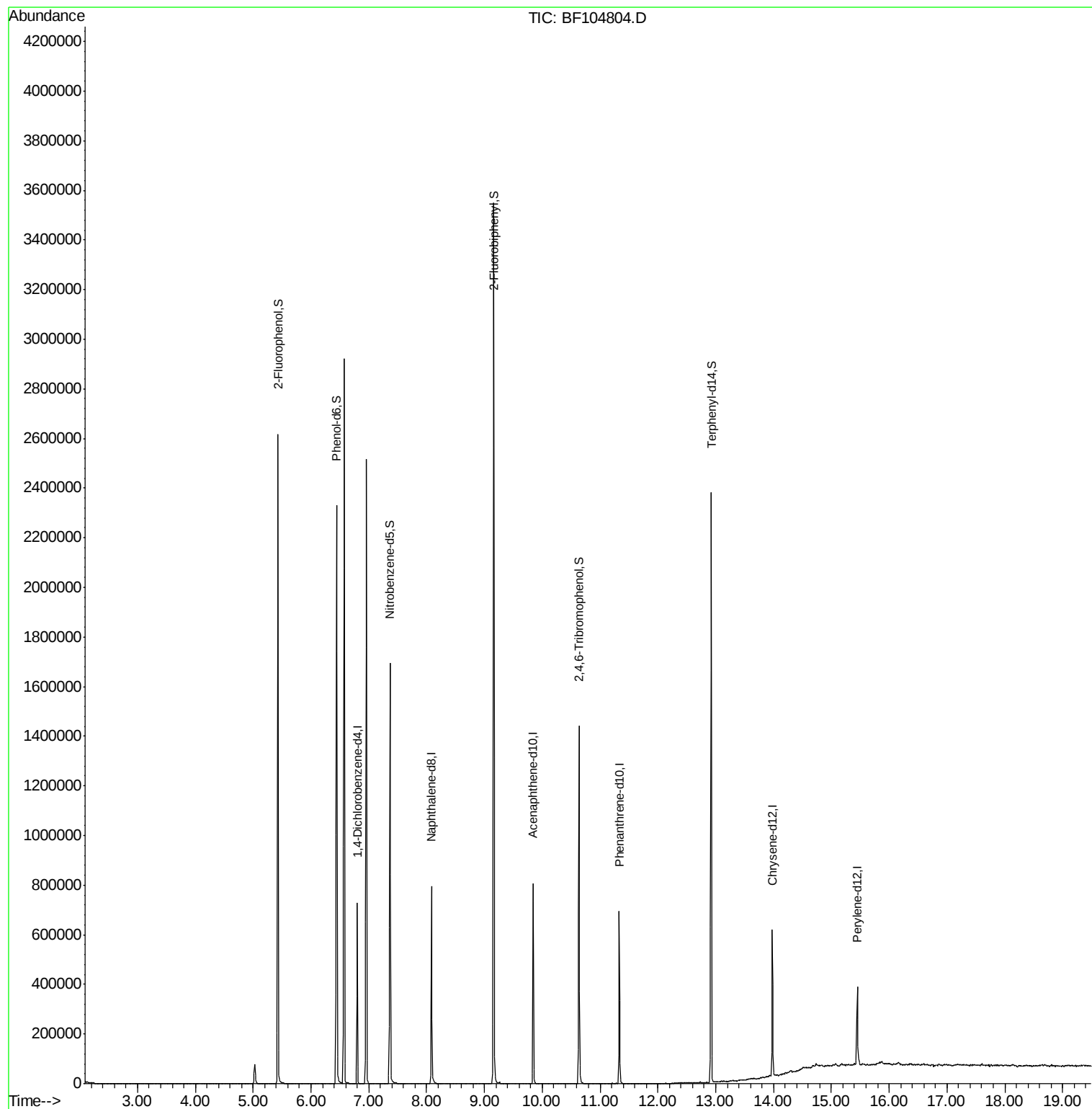
Target Compounds Qvalue

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

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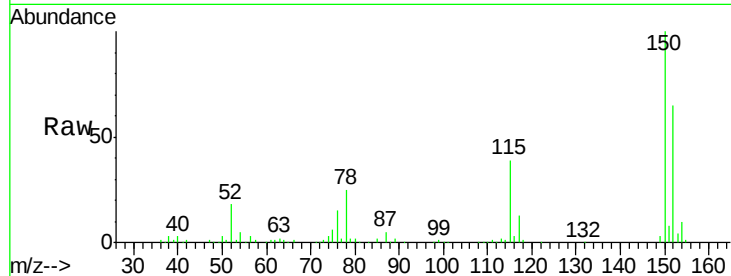


#1

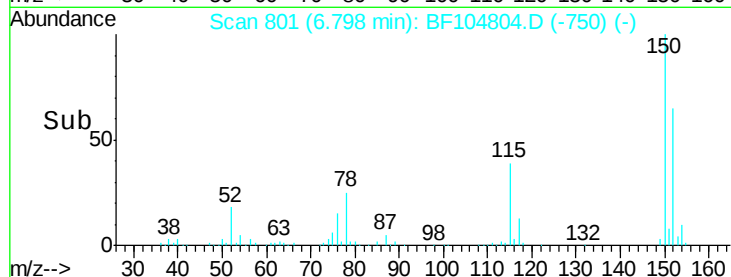
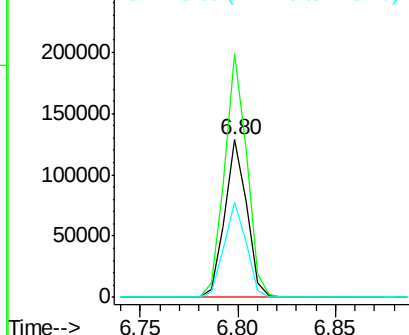
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF104804.D
 Acq: 25 Apr 2018 22:08

Instrument :
 BNA_F
 ClientSampleId :
 PB108602BL

Tot Ion:152 Resp: 101040
 Ion Ratio Lower Upper
 152 100
 150 154.7 124.6 186.8
 115 60.4 50.1 75.1



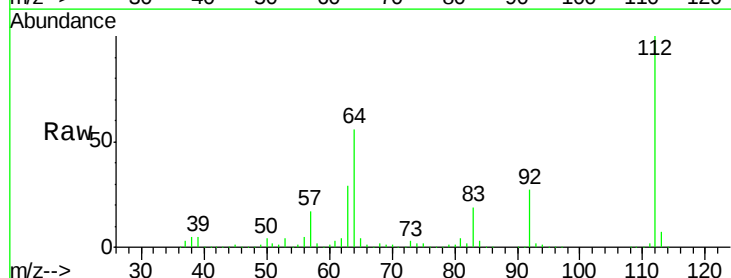
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



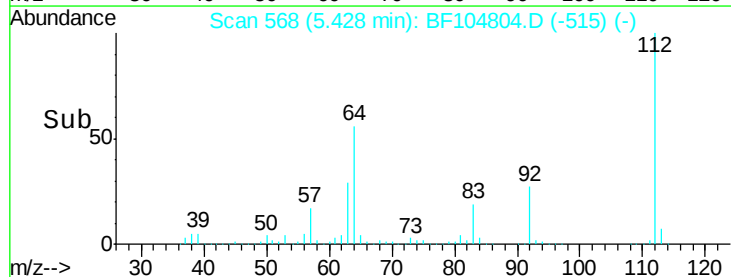
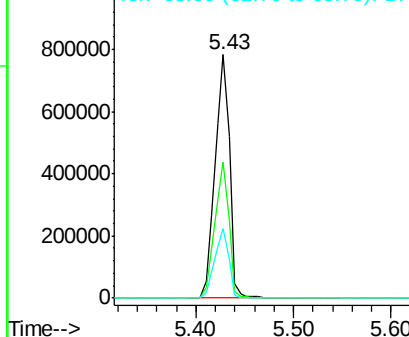
#5

2-Fluorophenol
 Concen: 122.168 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.01 min
 Lab File: BF104804.D
 Acq: 25 Apr 2018 22:08

Tgt Ion:112 Resp: 807283
 Ion Ratio Lower Upper
 112 100
 64 55.7 47.9 71.9
 63 28.8 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: 121.131 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF104804.D

Acq: 25 Apr 2018 22:08

Instrument :

BNA_F

ClientSampleId :

PB108602BL

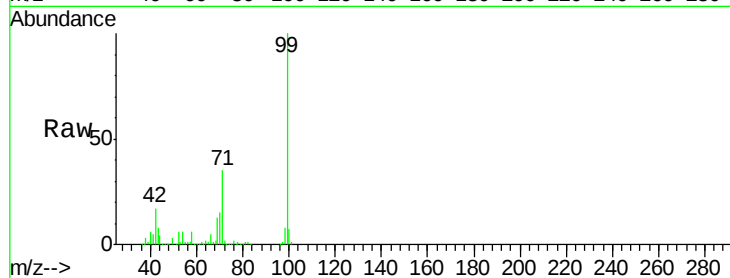
Tot Ion: 99 Resp: 983474

Ion Ratio Lower Upper

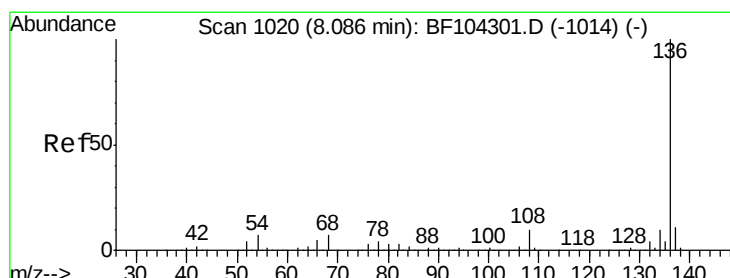
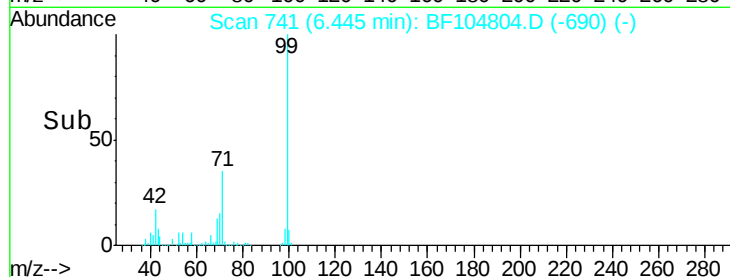
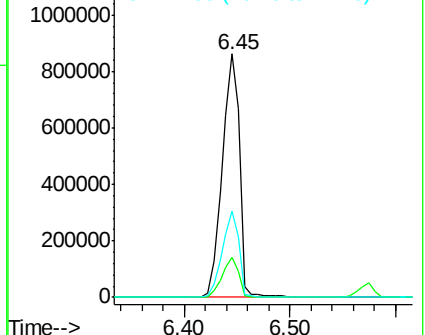
99 100

42 16.5 14.5 21.7

71 35.3 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: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF104804.D

Acq: 25 Apr 2018 22:08

Tgt Ion: 136 Resp: 406383

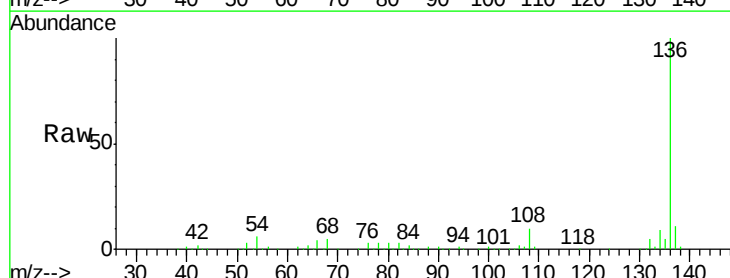
Ion Ratio Lower Upper

136 100

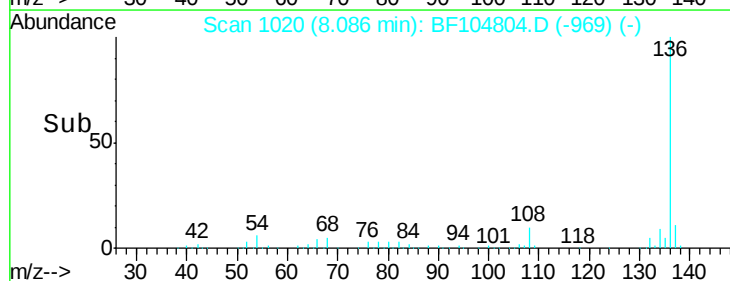
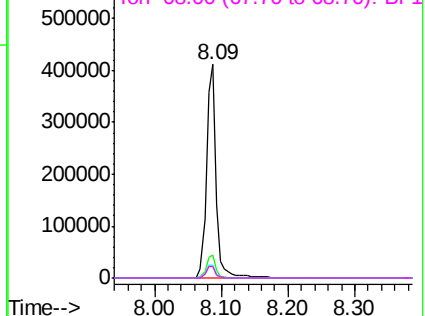
137 10.6 8.9 13.3

54 6.0 6.6 9.8#

68 5.2 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

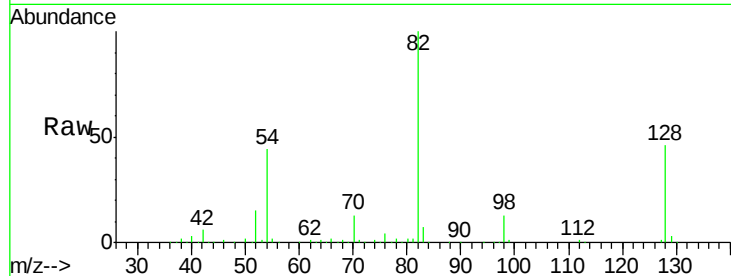




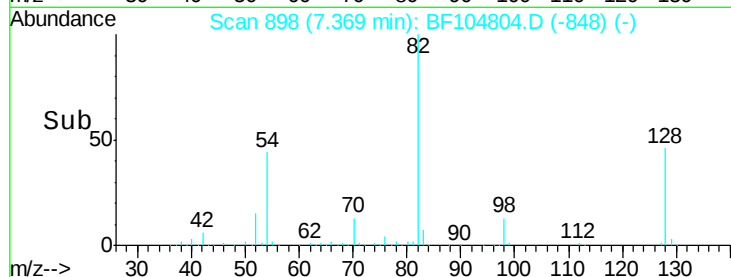
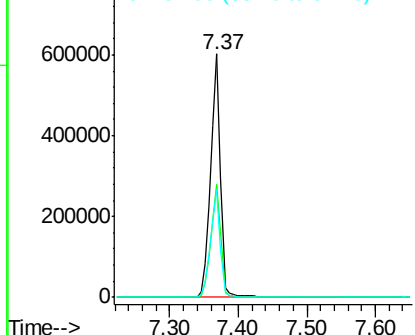
#23
 Nitrobenzene-d5
 Concen: 98.046 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF104804.D
 Acq: 25 Apr 2018 22:08

Instrument :
 BNA_F
 ClientSampleID :
 PB108602BL

Tot Ion	82	Resp	610189
Ion Ratio	100	Lower	Upper
128	46.5	36.1	54.1
54	44.1	41.4	62.2

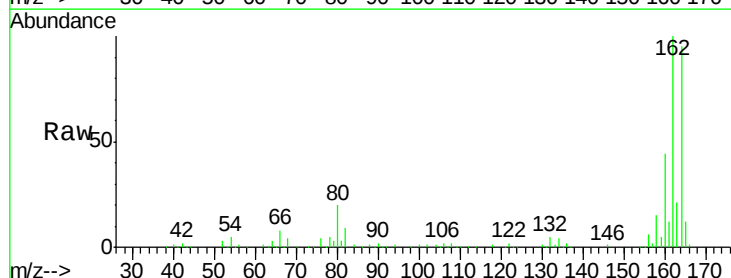


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

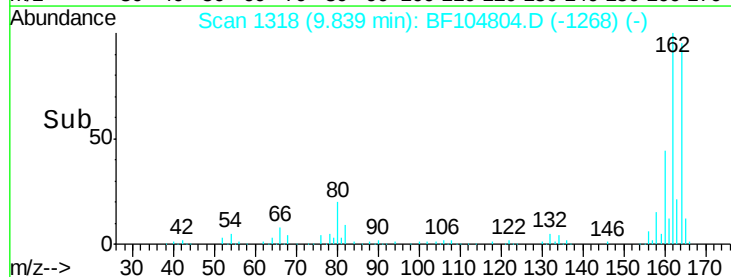
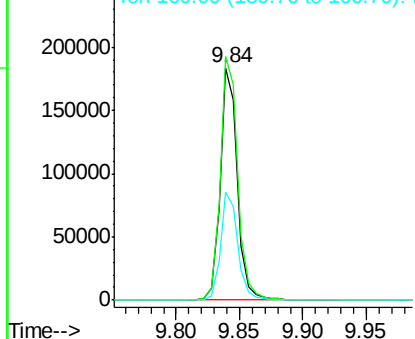


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF104804.D
 Acq: 25 Apr 2018 22:08

Tgt Ion	164	Resp	172627
Ion Ratio	100	Lower	Upper
162	104.8	86.1	129.1
160	46.3	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

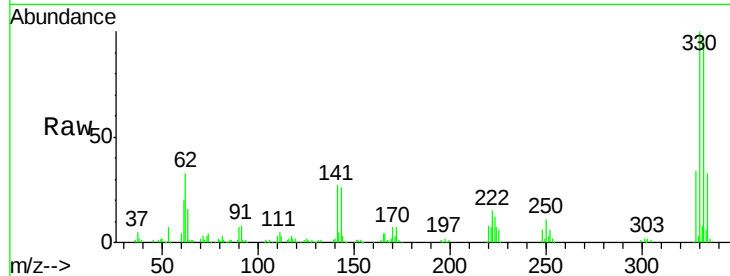




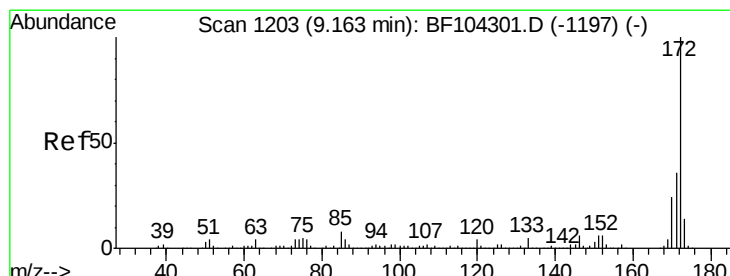
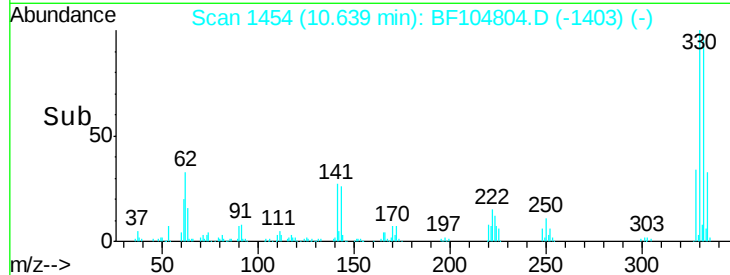
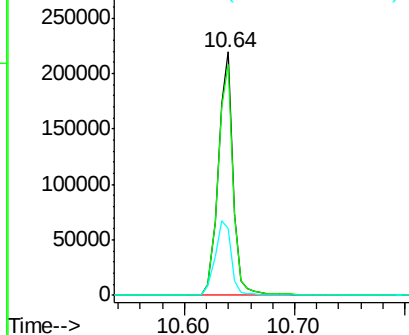
#41
 2,4,6-Tribromophenol
 Concen: 113.350 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BF104804.D
 Acq: 25 Apr 2018 22:08

Instrument :
 BNA_F
 ClientSampleId :
 PB108602BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	33.6	29.9	44.9

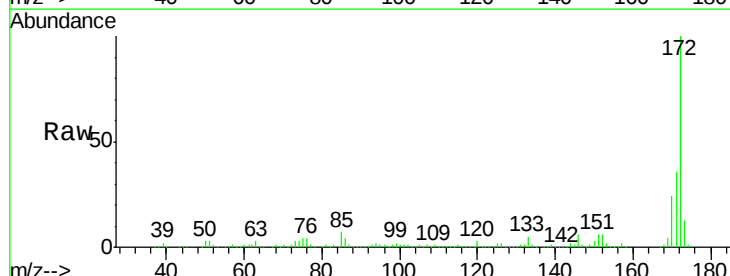


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

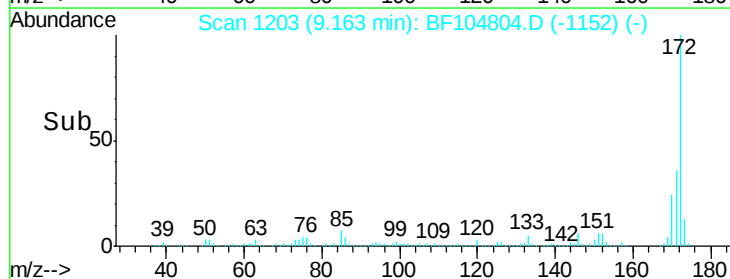
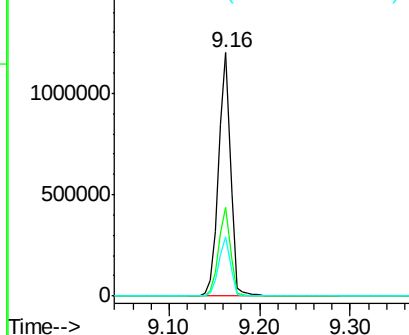


#44
 2-Fluorobiphenyl
 Concen: 99.891 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF104804.D
 Acq: 25 Apr 2018 22:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.1	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

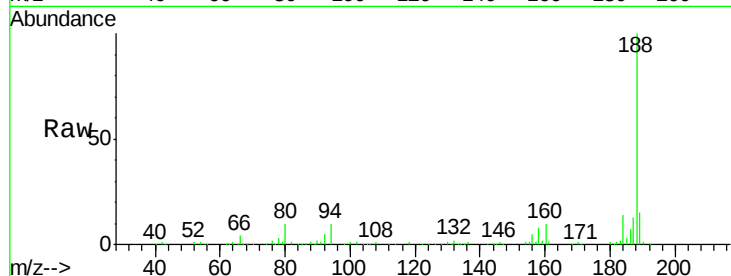




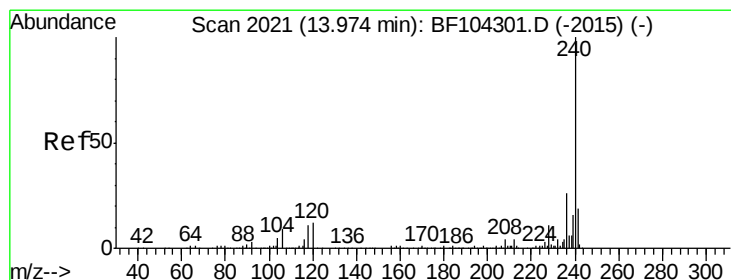
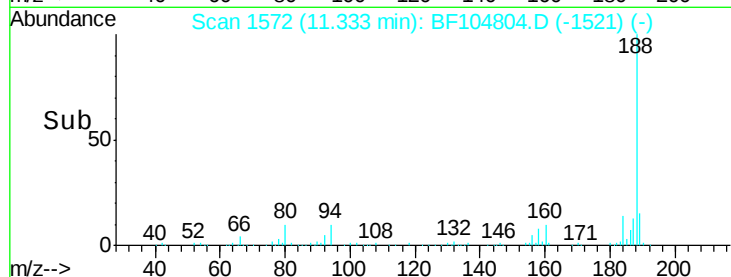
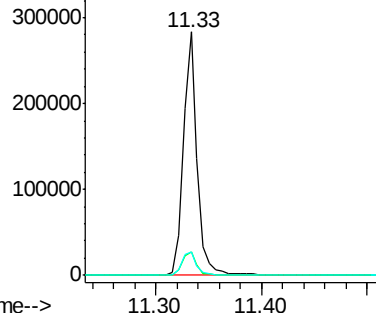
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF104804.D
Acq: 25 Apr 2018 22:08

Instrument :
BNA_F
ClientSampleId :
PB108602BL

Tot Ion:188 Resp: 258901
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 9.7 9.2 13.8

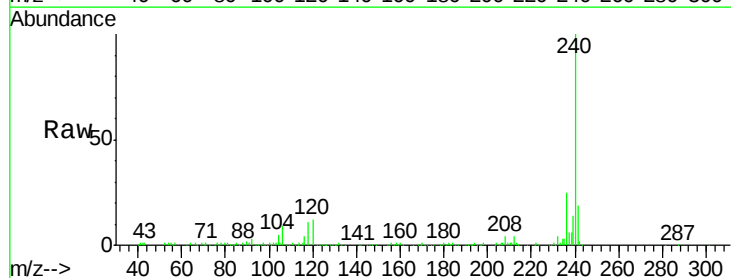


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

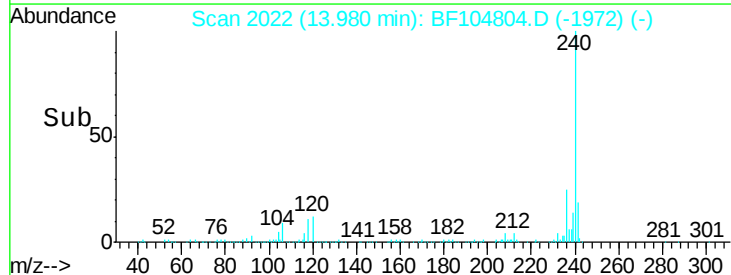
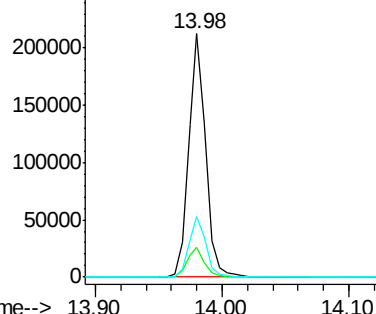


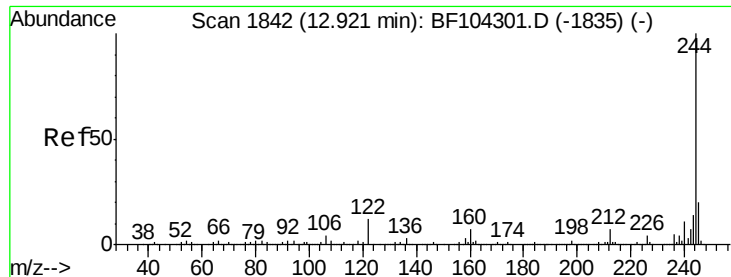
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF104804.D
Acq: 25 Apr 2018 22:08

Tgt Ion:240 Resp: 199595
Ion Ratio Lower Upper
240 100
120 12.3 9.5 14.3
236 24.8 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

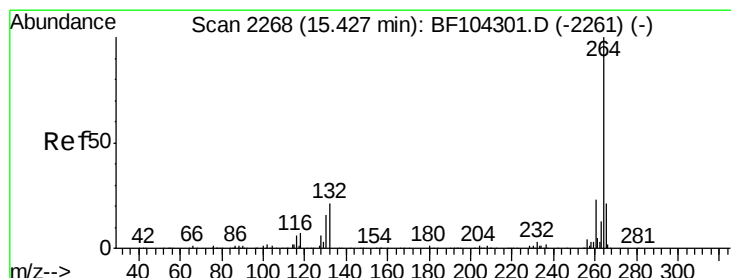
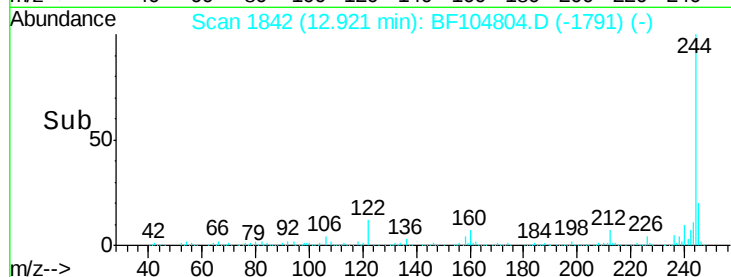
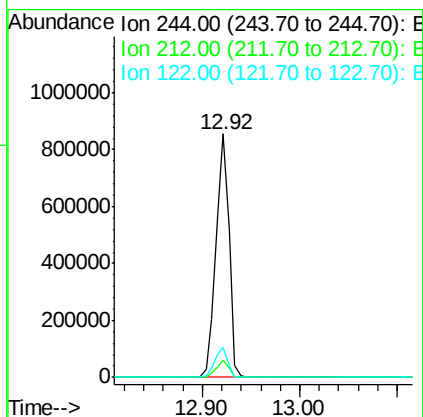
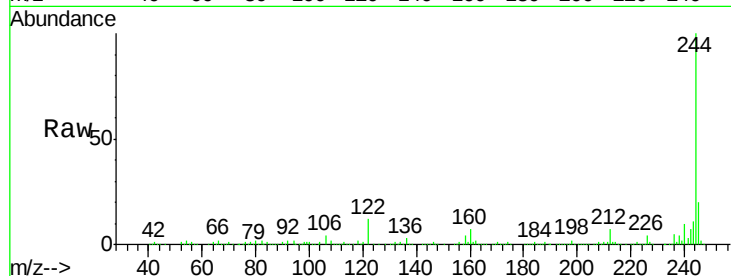




#78
 Terphenyl-d14
 Concen: 90.757 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BF104804.D
 Acq: 25 Apr 2018 22:08

Instrument :
 BNA_F
 ClientSampleId :
 PB108602BL

Tot Ion:244 Resp: 794562
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 12.2 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. -0.01 min
 Lab File: BF104804.D
 Acq: 25 Apr 2018 22:08

Tgt Ion:264 Resp: 149051
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.2 28.8
 265 20.7 17.5 26.3

