

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
 Data File : BF104630.D
 Acq On : 19 Apr 2018 14:45
 Operator : JU/SJ
 Sample : PB108328BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108328BL

Quant Time: Apr 19 16:28:00 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 14:44:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	118384	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	447453	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	175390	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	260020	20.00	ng	0.00
75) Chrysene-d12	13.97	240	256497	20.00	ng	-0.02
86) Perylene-d12	15.43	264	272356	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	559941	72.32	ng	0.00
7) Phenol-d6	6.44	99	631053	66.34	ng	0.00
23) Nitrobenzene-d5	7.37	82	595648	86.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	117970	64.84	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	977563	88.05	ng	0.00
78) Terphenyl-d14	12.92	244	777867	69.14	ng	0.00

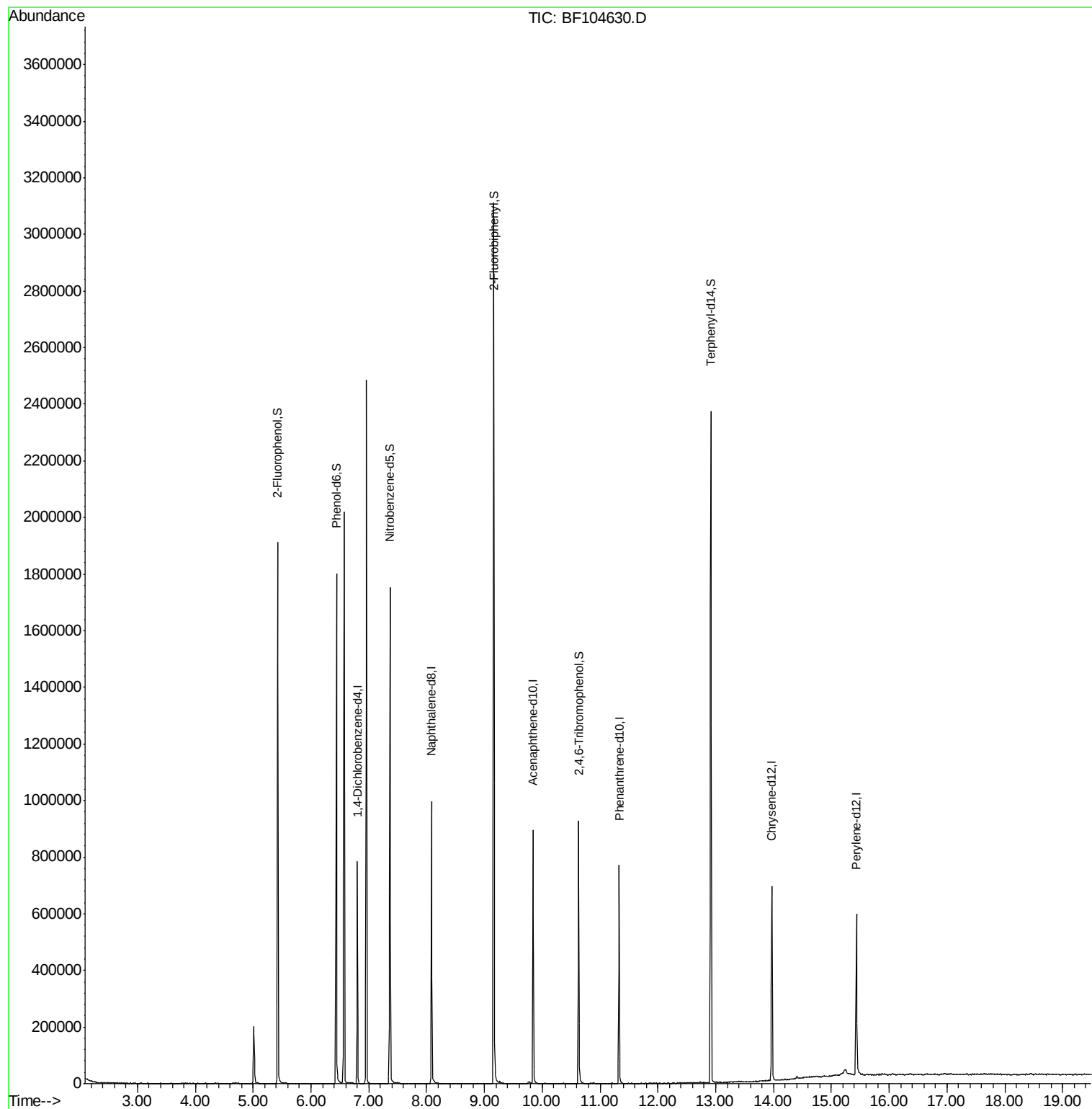
Target Compounds Qvalue

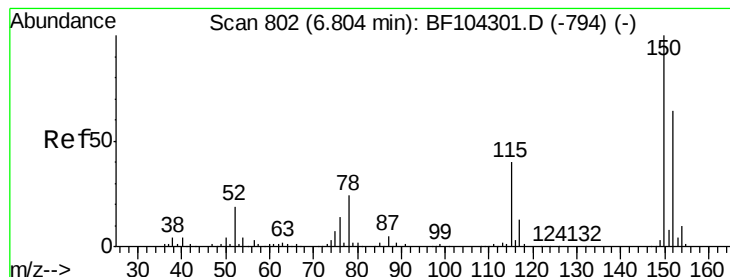
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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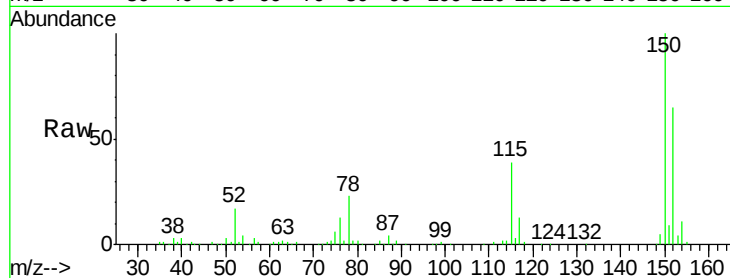


#1

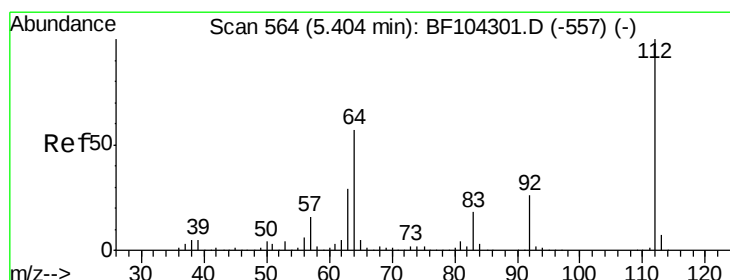
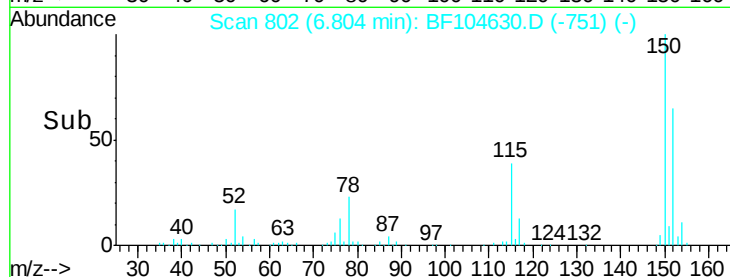
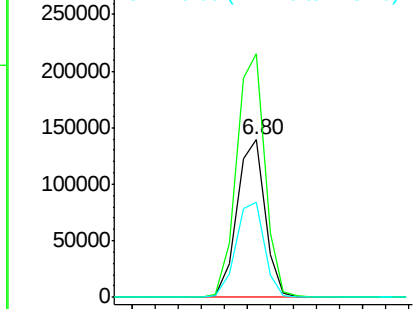
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104630.D
Acq: 19 Apr 2018 14:45

Instrument :
BNA_F
ClientSampleId :
PB108328BL

Tot Ion:152 Resp: 118384
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 60.2 50.1 75.1



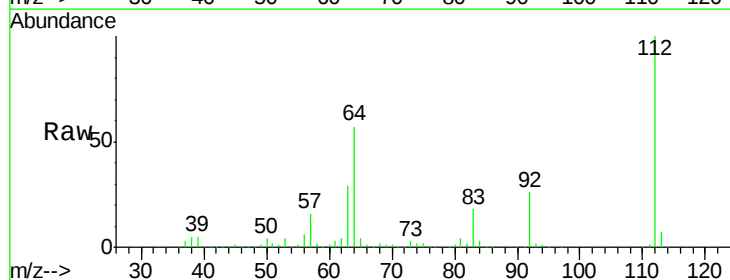
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



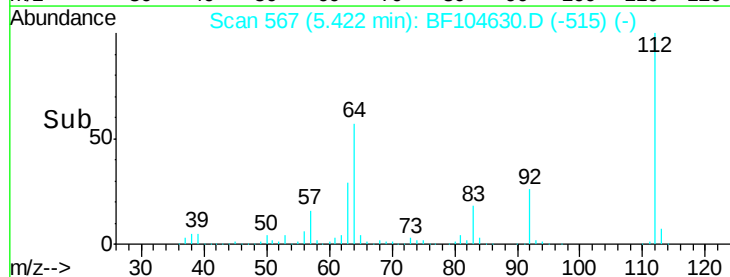
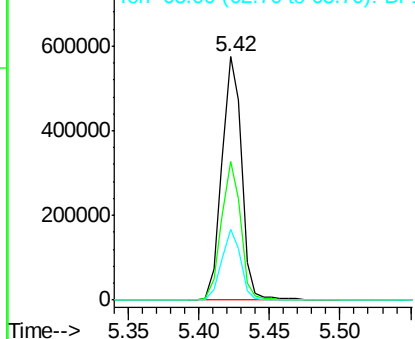
#5

2-Fluorophenol
Concen: 72.322 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104630.D
Acq: 19 Apr 2018 14:45

Tgt Ion:112 Resp: 559941
Ion Ratio Lower Upper
112 100
64 57.1 47.9 71.9
63 28.9 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: 66.337 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104630.D

Acq: 19 Apr 2018 14:45

Instrument :

BNA_F

ClientSampleId :

PB108328BL

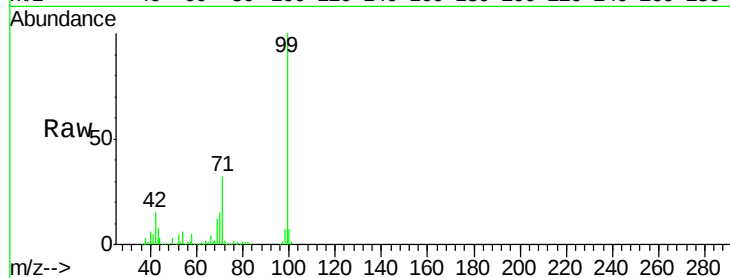
Tot Ion: 99 Resp: 631053

Ion Ratio Lower Upper

99 100

42 15.0 14.5 21.7

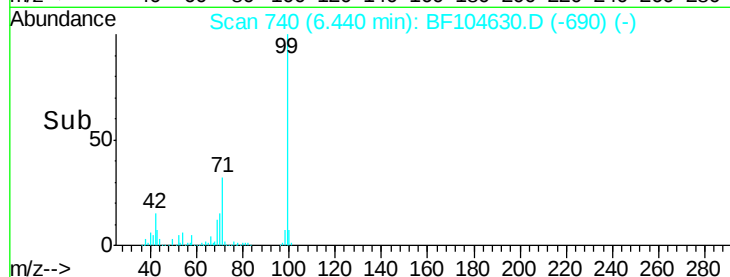
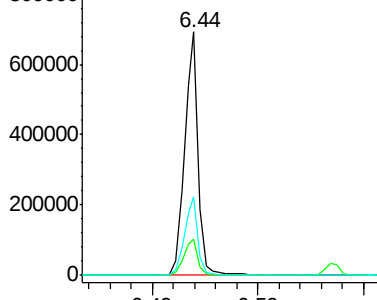
71 32.4 25.4 38.0



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. -0.01 min

Lab File: BF104630.D

Acq: 19 Apr 2018 14:45

Tgt Ion: 136 Resp: 447453

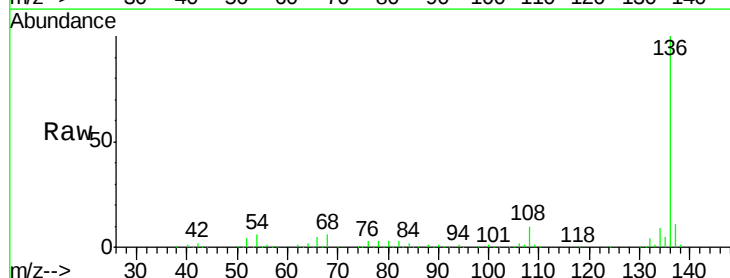
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 6.5 6.6 9.8#

68 6.0 5.0 7.4

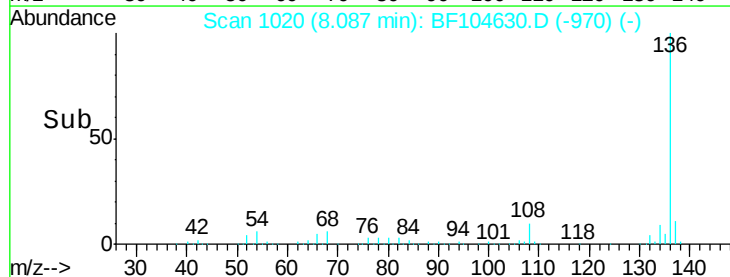
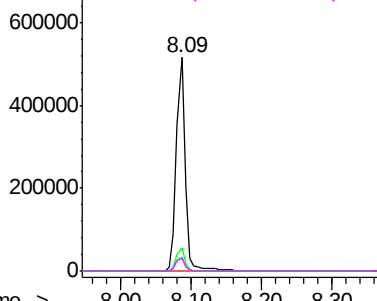


Abundance Ion 136.00 (135.70 to 136.70): E

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

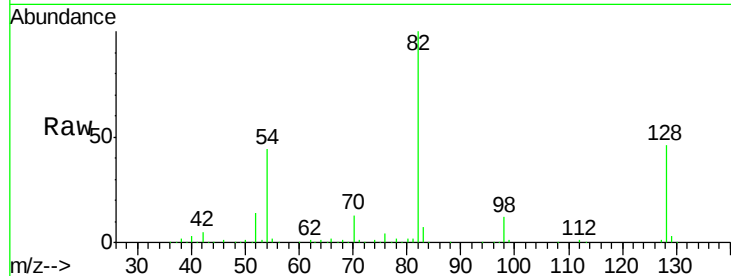




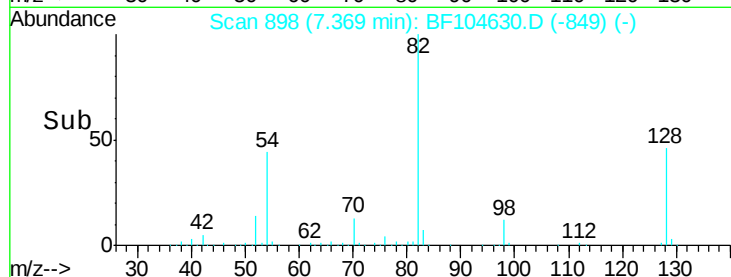
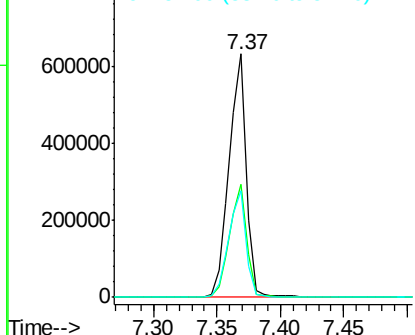
#23
 Nitrobenzene-d5
 Concen: 86.925 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF104630.D
 Acq: 19 Apr 2018 14:45

Instrument :
 BNA_F
 ClientSampleId :
 PB108328BL

Tot Ion	82	Resp	595648
Ion Ratio	100	Lower	Upper
128	46.3	36.1	54.1
54	43.9	41.4	62.2

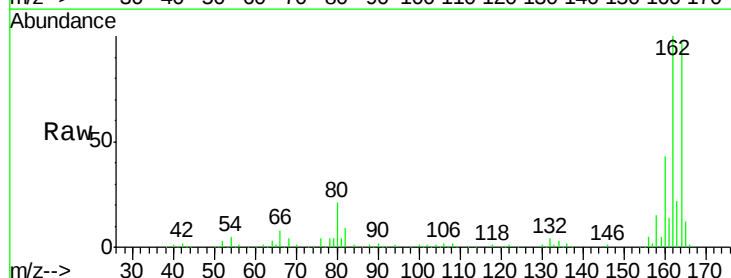


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

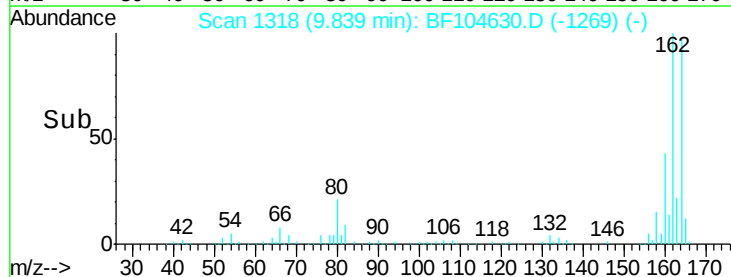
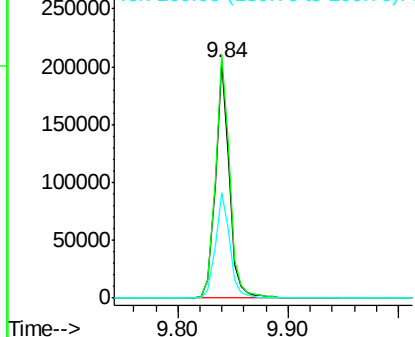


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF104630.D
 Acq: 19 Apr 2018 14:45

Tgt Ion	164	Resp	175390
Ion Ratio	100	Lower	Upper
162	103.4	86.1	129.1
160	44.5	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

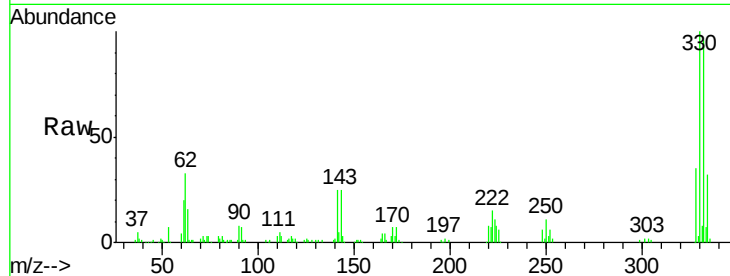




#41
 2,4,6-Tribromophenol
 Concen: 64.841 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104630.D
 Acq: 19 Apr 2018 14:45

Instrument :
 BNA_F
 ClientSampleId :
 PB108328BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	33.2	29.9	44.9

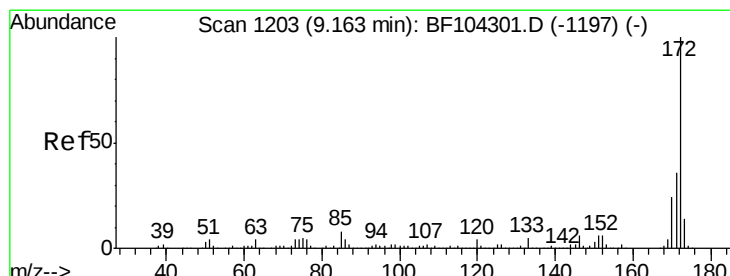
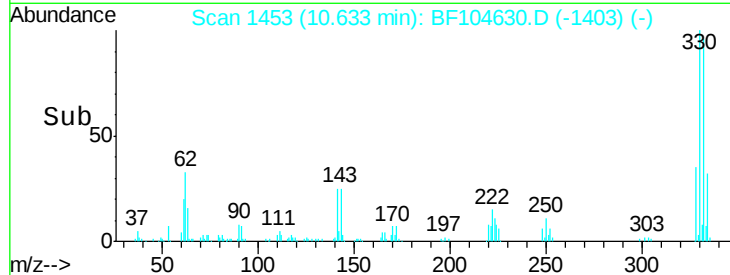
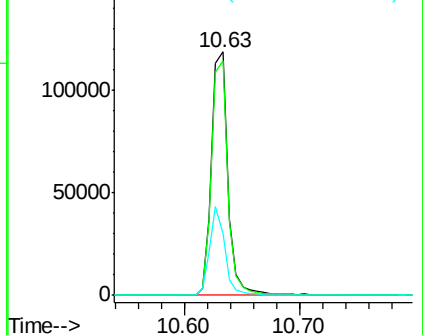


Abundance

Ion 329.80 (329.50 to 330.50): E

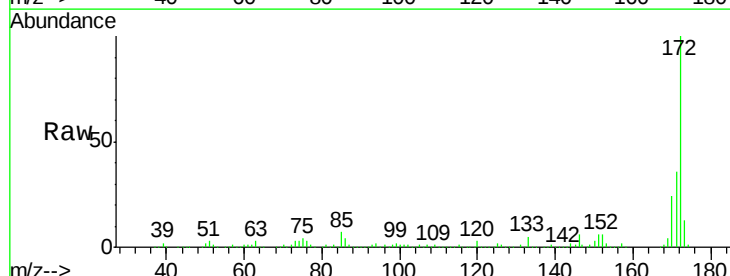
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 88.050 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF104630.D
 Acq: 19 Apr 2018 14:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.7	19.6	29.4

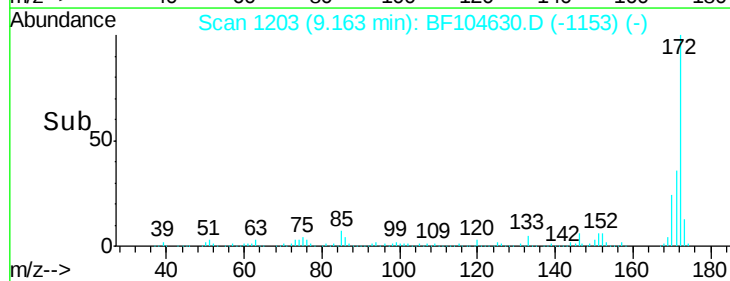
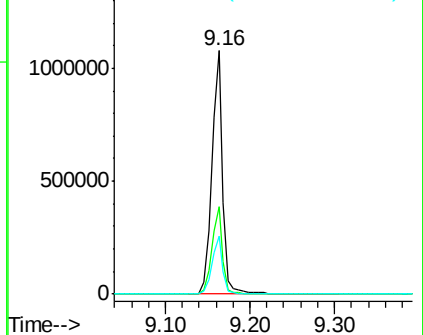


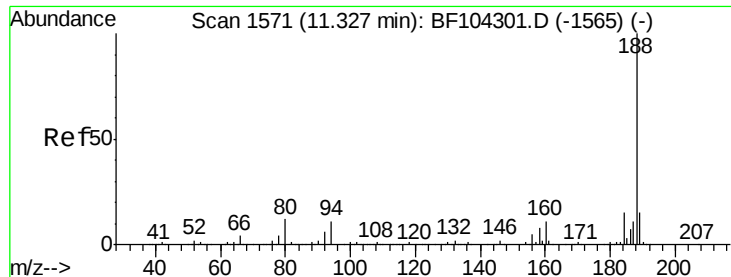
Abundance

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

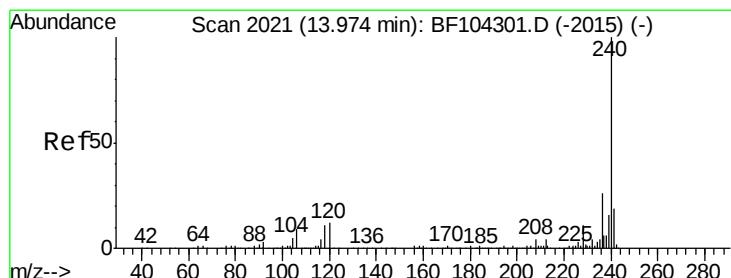
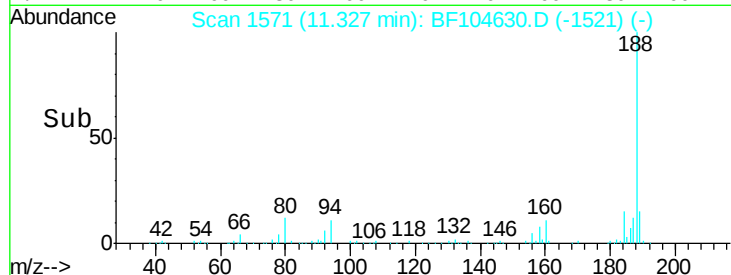
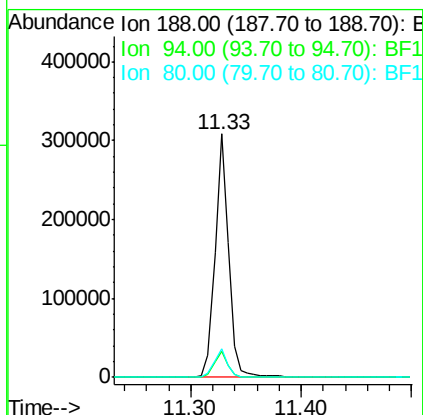
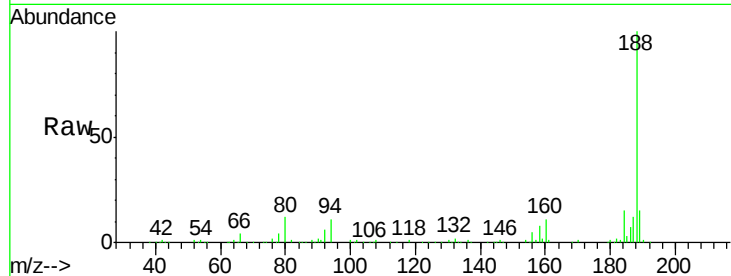




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF104630.D
Acq: 19 Apr 2018 14:45

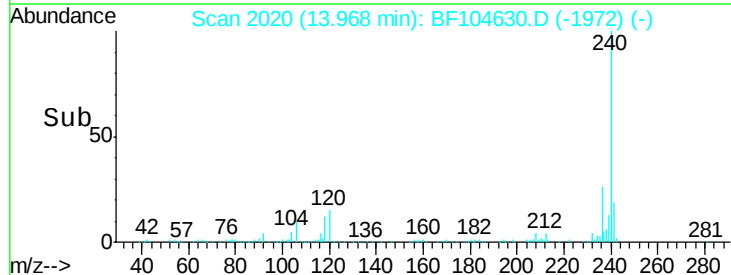
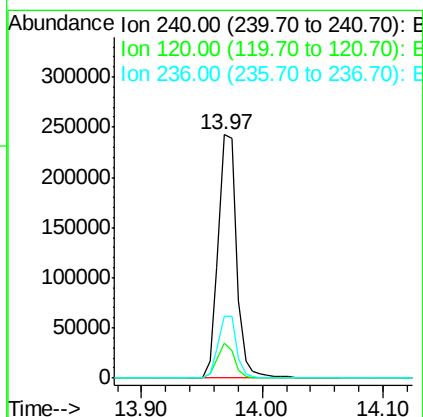
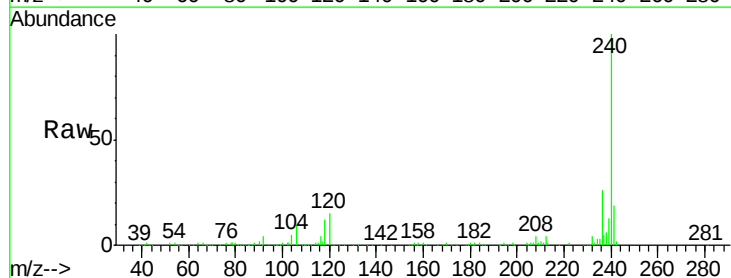
Instrument :
BNA_F
ClientSampleId :
PB108328BL

Tot Ion:188 Resp: 260020
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 11.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.02 min
Lab File: BF104630.D
Acq: 19 Apr 2018 14:45

Tgt Ion:240 Resp: 256497
Ion Ratio Lower Upper
240 100
120 14.5 9.5 14.3#
236 25.7 20.7 31.1

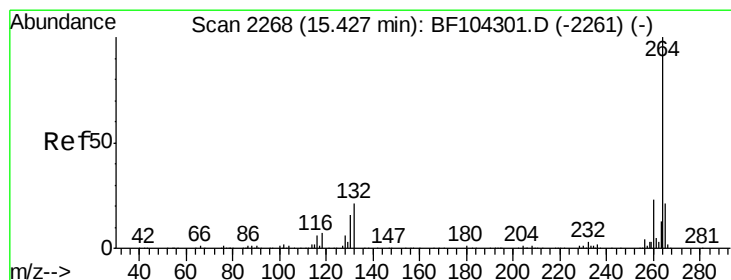
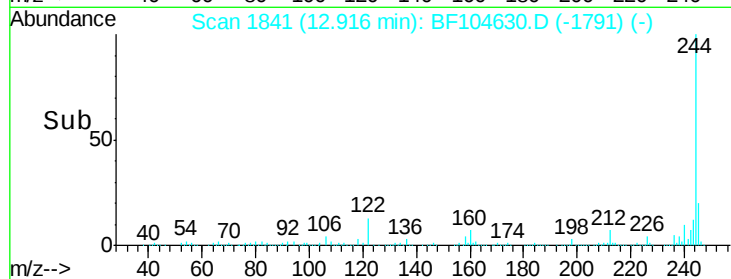
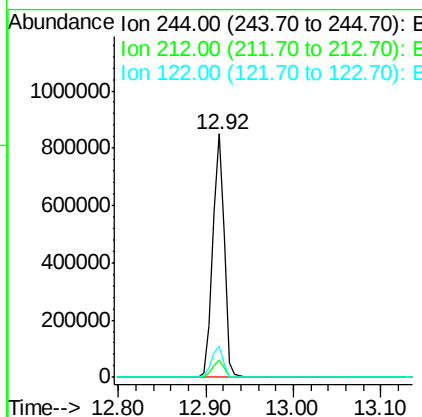
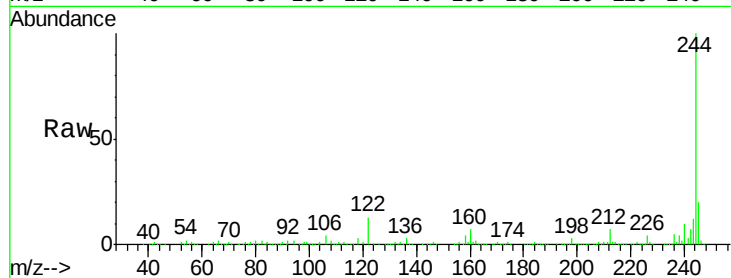




#78
 Terphenyl-d14
 Concen: 69.139 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF104630.D
 Acq: 19 Apr 2018 14:45

Instrument :
 BNA_F
 ClientSampleId :
 PB108328BL

Tot Ion:244 Resp: 777867
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 12.7 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: BF104630.D
 Acq: 19 Apr 2018 14:45

Tgt Ion:264 Resp: 272356
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.7 17.5 26.3

