

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
 Data File : BF104739.D
 Acq On : 24 Apr 2018 6:31
 Operator : JU/SJ
 Sample : J2503-06
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-47184RT

Quant Time: Apr 24 08:44:13 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 15:38:25 2018
 Response via : Initial Calibration

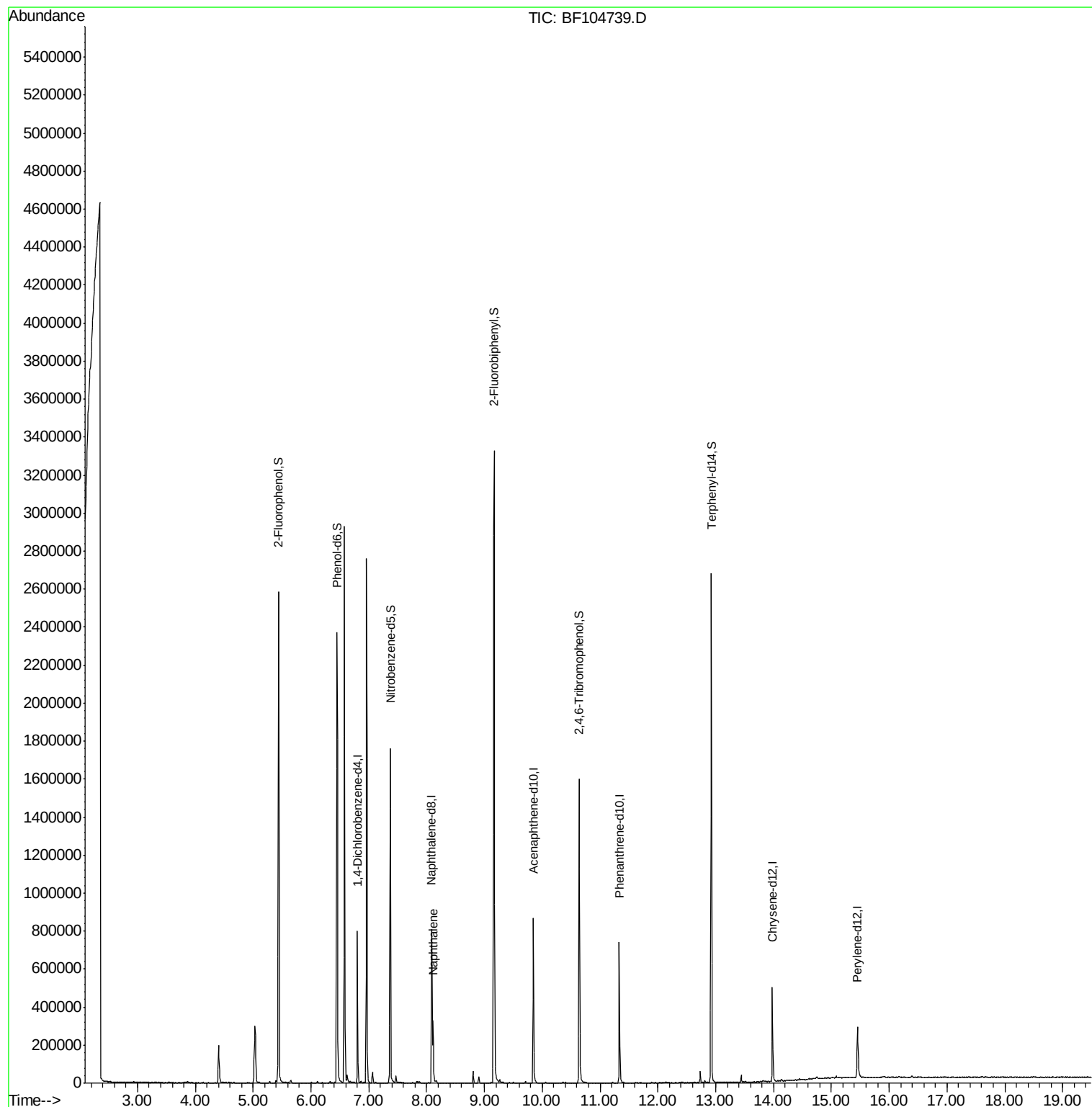
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	111045	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	431201	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	171721	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	288783	20.00	ng	0.00
75) Chrysene-d12	13.98	240	188586	20.00	ng	0.00
86) Perylene-d12	15.46	264	138413	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	847108	116.64	ng	0.02
7) Phenol-d6	6.45	99	933575	104.63	ng	0.00
23) Nitrobenzene-d5	7.37	82	635428	96.22	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	215719	121.10	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1157123	106.45	ng	0.00
78) Terphenyl-d14	12.93	244	990075	119.69	ng	0.00
Target Compounds						
31) Naphthalene	8.11	128	140413	6.540	ng	98

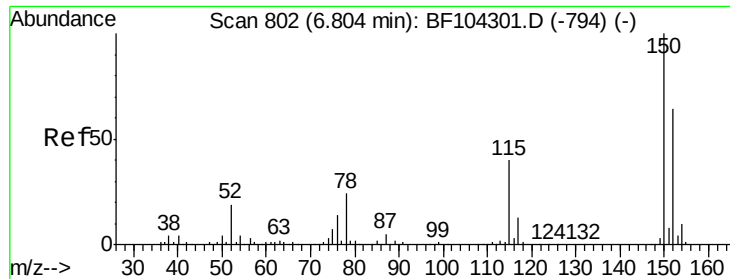
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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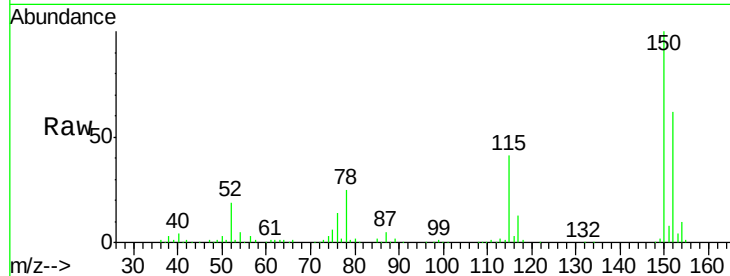




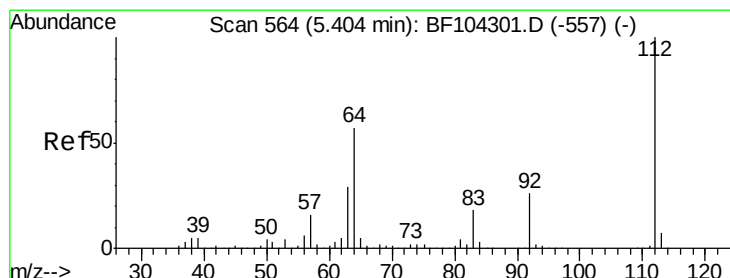
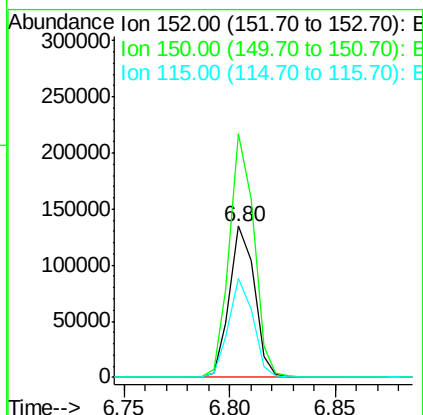
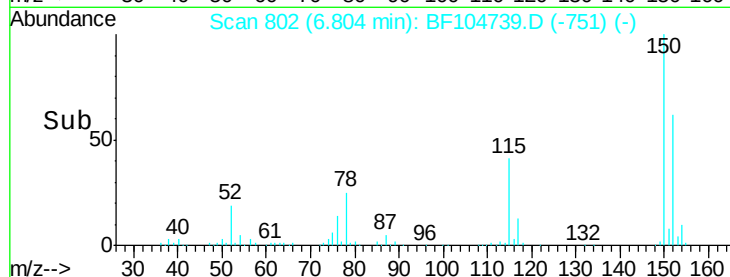
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF104739.D
 Acq: 24 Apr 2018 6:31

Instrument :
 BNA_F
 ClientSampleId :
 RBR-47184RT

Tot Ion:152 Resp: 111045
 Ion Ratio Lower Upper
 152 100
 150 161.4 124.6 186.8
 115 65.4 50.1 75.1

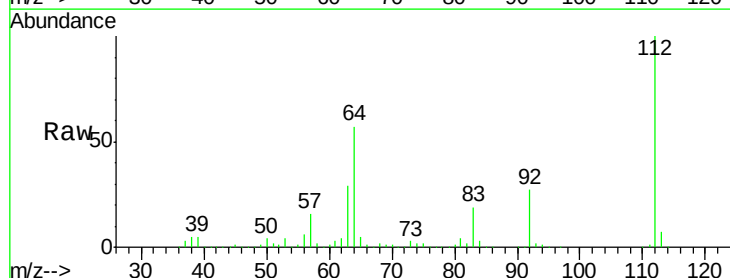


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

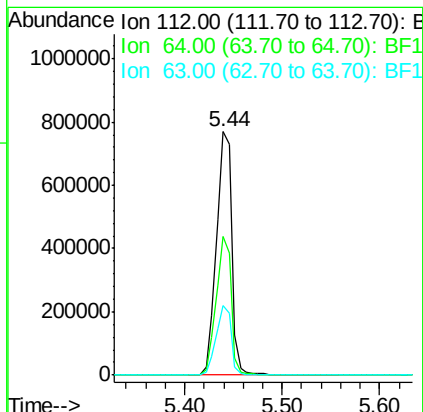
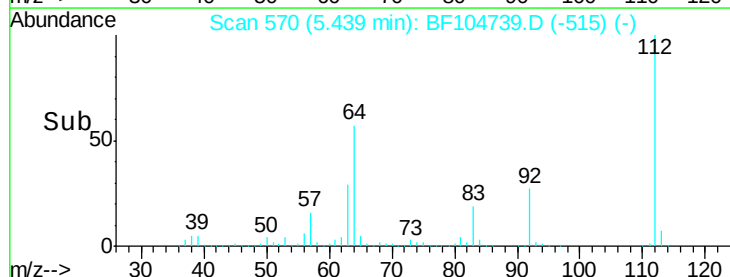


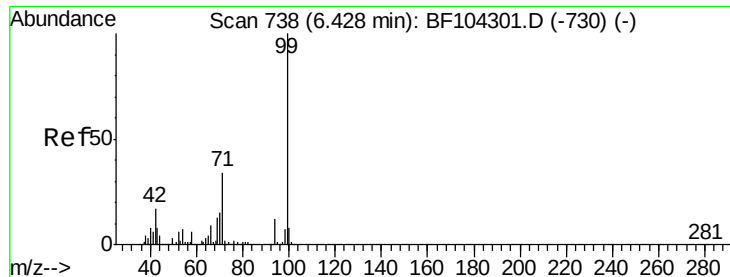
#5
 2-Fluorophenol
 Concen: 116.644 ng
 RT: 5.44 min Scan# 570
 Delta R.T. 0.02 min
 Lab File: BF104739.D
 Acq: 24 Apr 2018 6:31

Tgt Ion:112 Resp: 847108
 Ion Ratio Lower Upper
 112 100
 64 57.0 47.9 71.9
 63 28.6 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: 104.625 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF104739.D

Acq: 24 Apr 2018 6:31

Instrument :

BNA_F

ClientSampleId :

RBR-47184RT

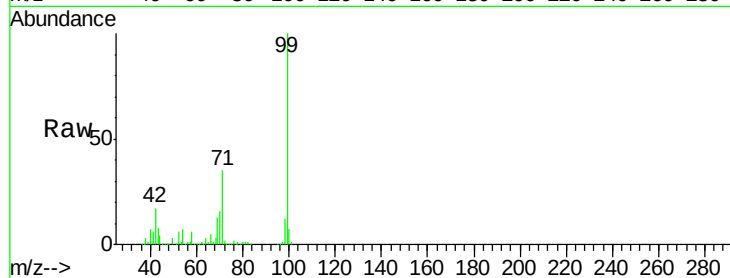
Tot Ion: 99 Resp: 933575

Ion Ratio Lower Upper

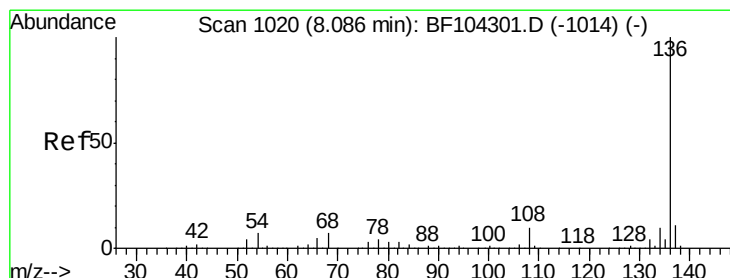
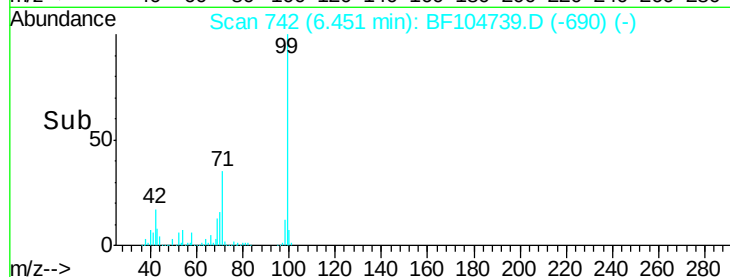
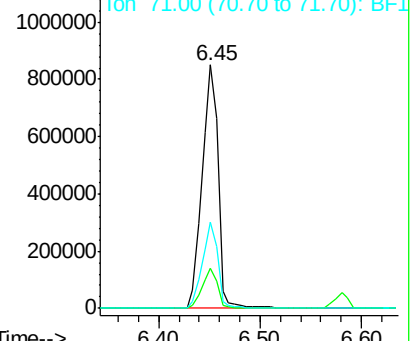
99 100

42 16.6 14.5 21.7

71 35.2 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: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF104739.D

Acq: 24 Apr 2018 6:31

Tgt Ion: 136 Resp: 431201

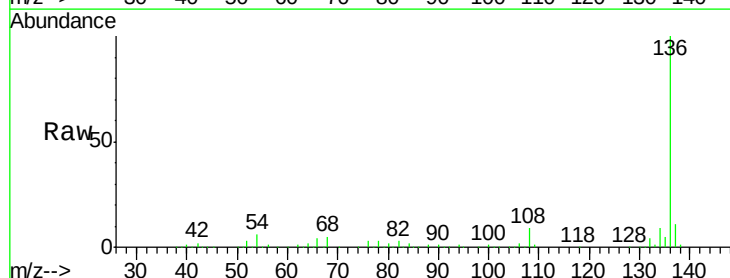
Ion Ratio Lower Upper

136 100

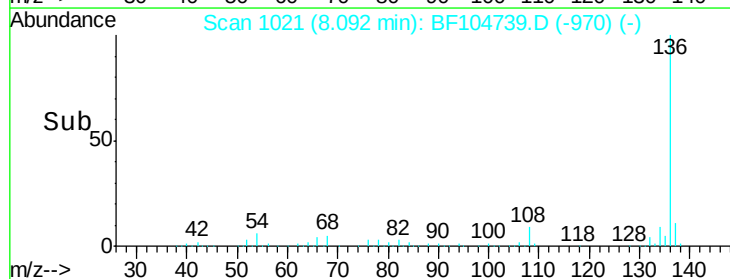
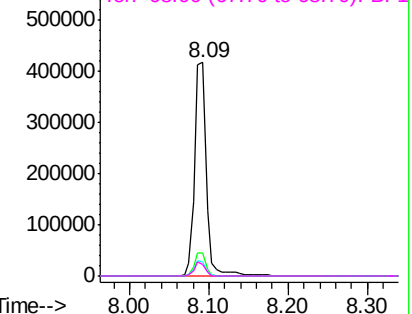
137 10.7 8.9 13.3

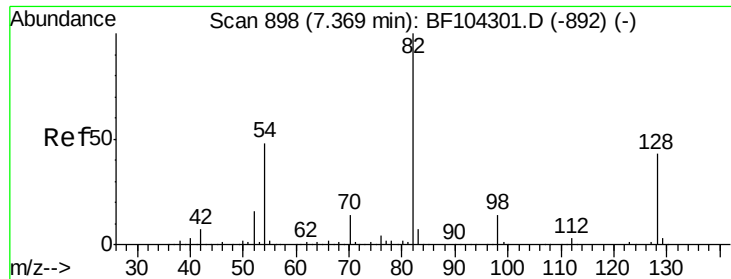
54 6.3 6.6 9.8#

68 5.4 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

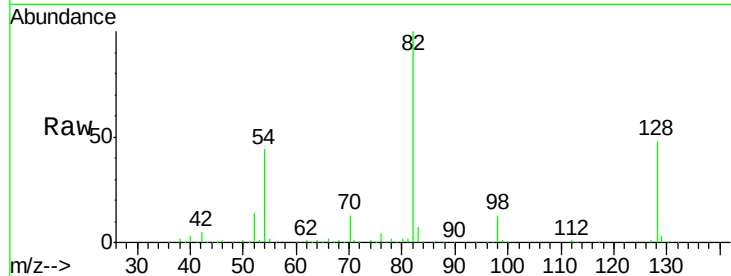




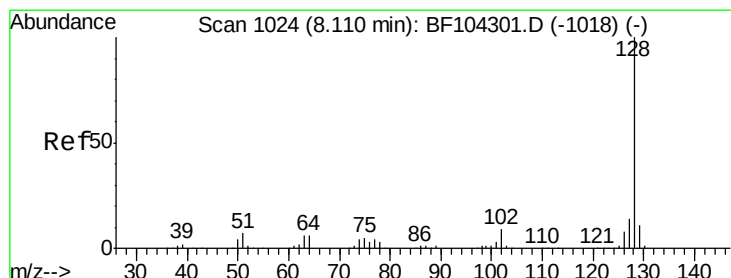
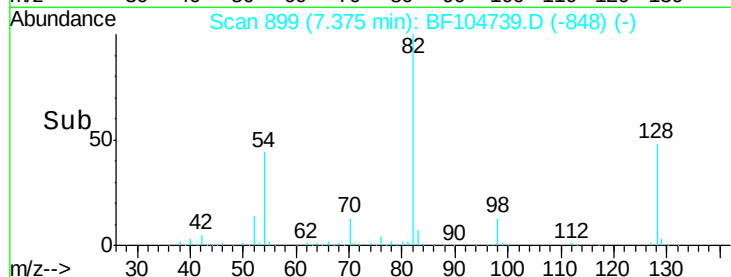
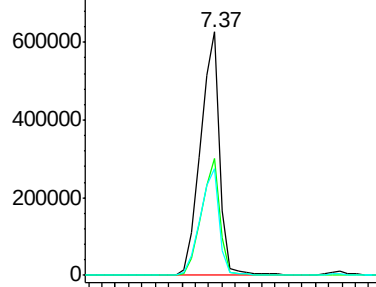
#23
Nitrobenzene-d5
Concen: 96.225 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF104739.D
Acq: 24 Apr 2018 6:31

Instrument :
BNA_F
ClientSampleId :
RBR-47184RT

Tot Ion: 82 Resp: 635428
Ion Ratio Lower Upper
82 100
128 47.8 36.1 54.1
54 43.9 41.4 62.2

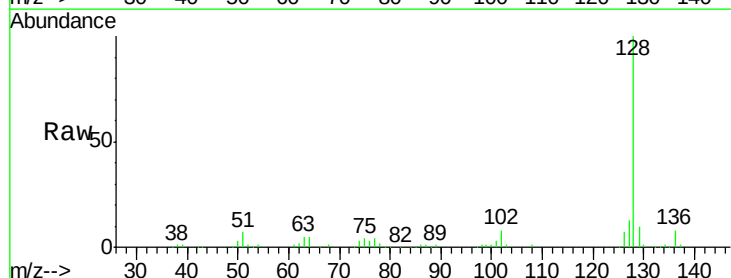


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

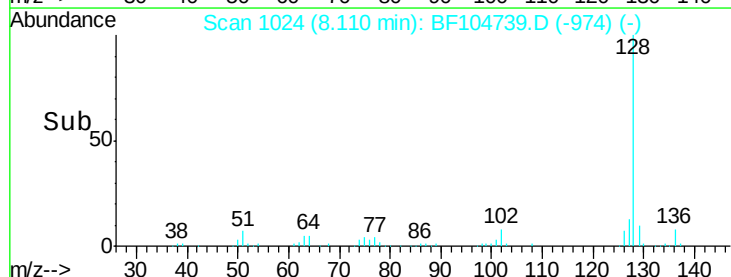
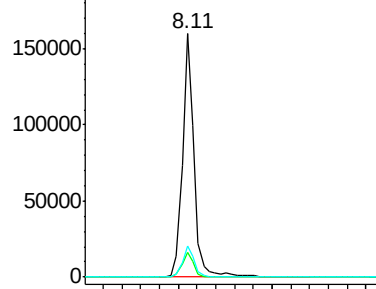


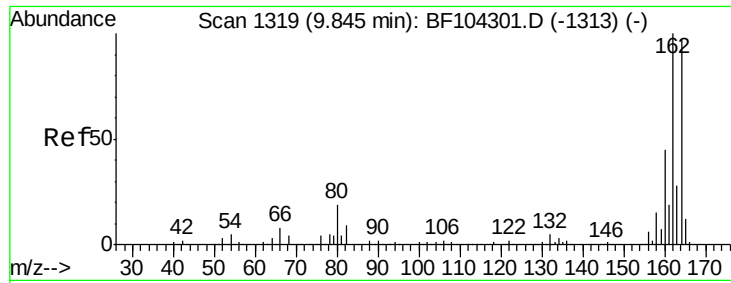
#31
Naphthalene
Concen: 6.540 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF104739.D
Acq: 24 Apr 2018 6:31

Tgt Ion: 128 Resp: 140413
Ion Ratio Lower Upper
128 100
129 10.1 8.8 13.2
127 12.7 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

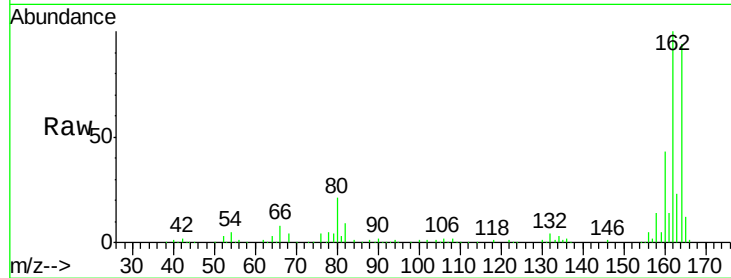




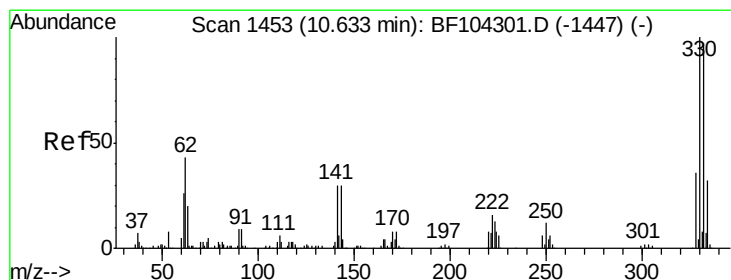
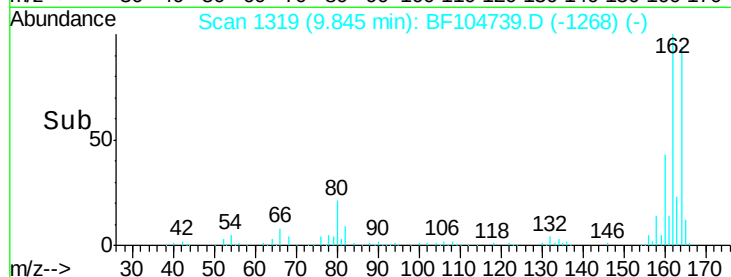
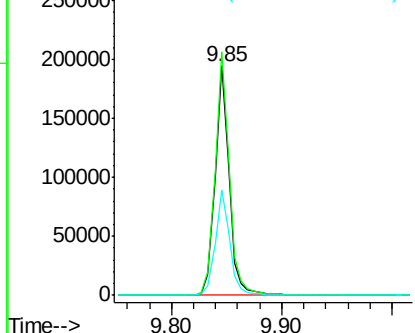
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF104739.D
 Acq: 24 Apr 2018 6:31

Instrument :
 BNA_F
 ClientSampleId :
 RBR-47184RT

Tot Ion:164 Resp: 171721
 Ion Ratio Lower Upper
 164 100
 162 106.2 86.1 129.1
 160 46.0 38.3 57.5

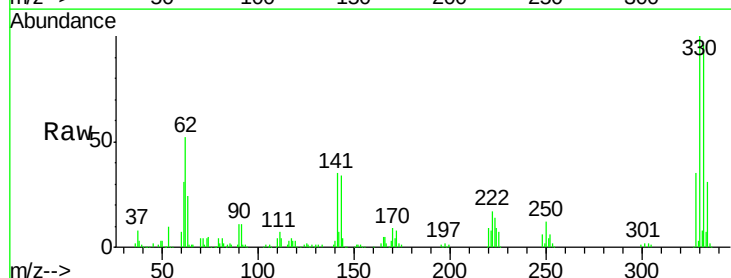


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

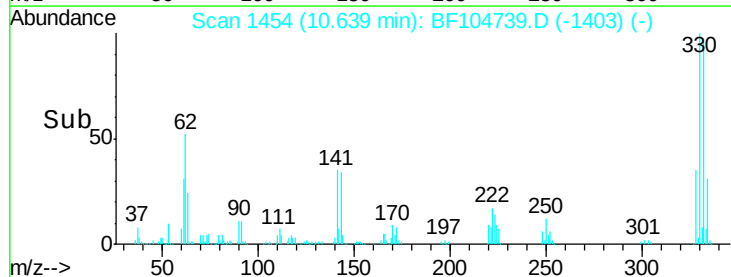
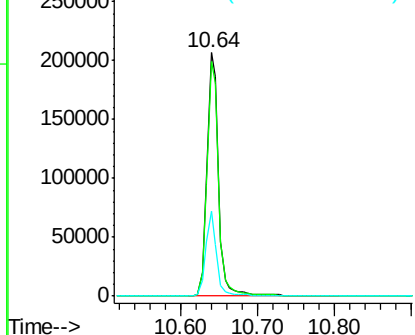


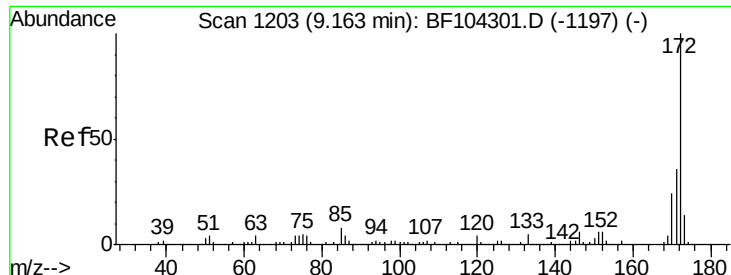
#41
 2,4,6-Tribromophenol
 Concen: 121.101 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BF104739.D
 Acq: 24 Apr 2018 6:31

Tgt Ion:330 Resp: 215719
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 32.9 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

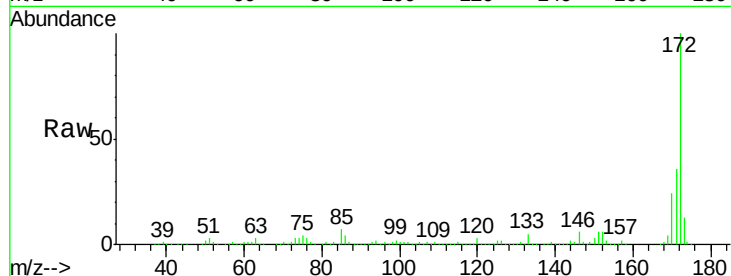




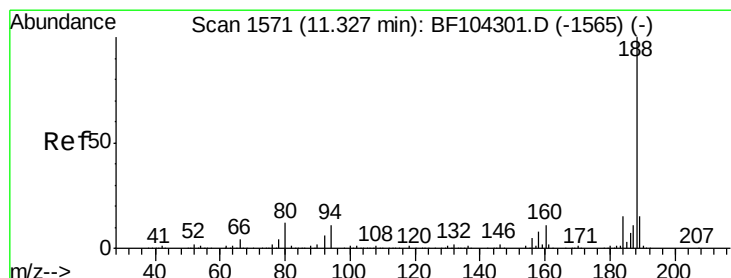
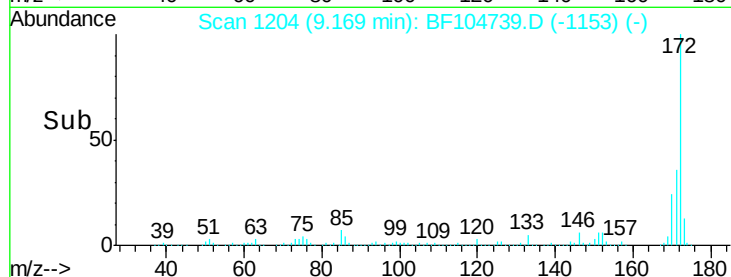
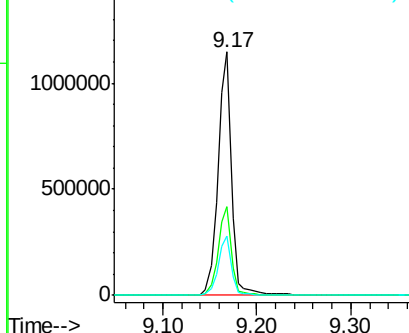
#44
 2-Fluorobiphenyl
 Concen: 106.450 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF104739.D
 Acq: 24 Apr 2018 6:31

Instrument :
 BNA_F
 ClientSampleId :
 RBR-47184RT

Tot Ion:172 Resp: 1157123
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.2 19.6 29.4

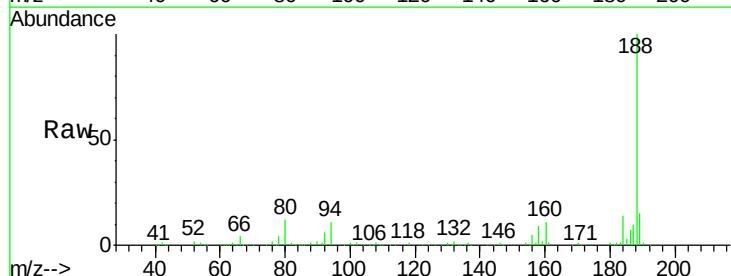


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

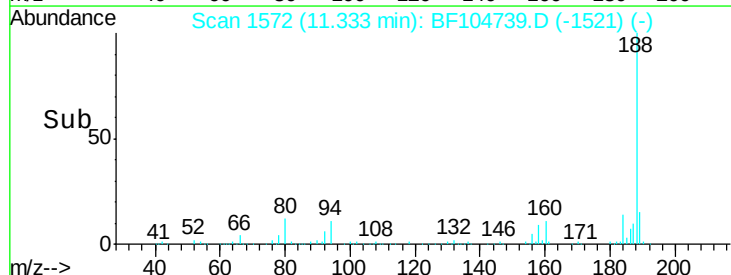
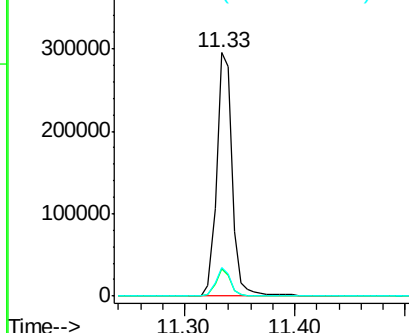


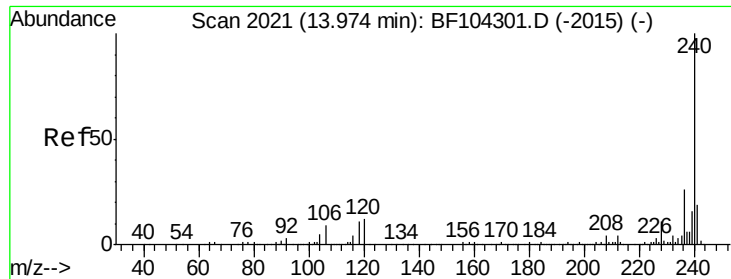
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: BF104739.D
 Acq: 24 Apr 2018 6:31

Tgt Ion:188 Resp: 288783
 Ion Ratio Lower Upper
 188 100
 94 11.4 8.5 12.7
 80 11.9 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

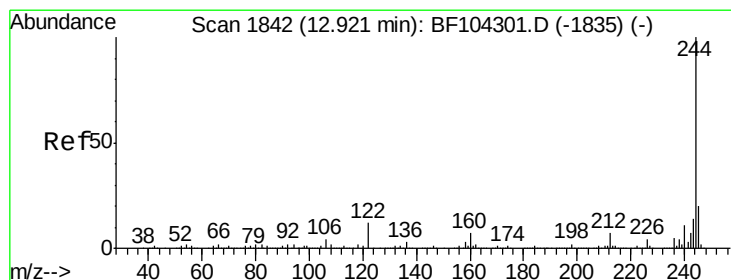
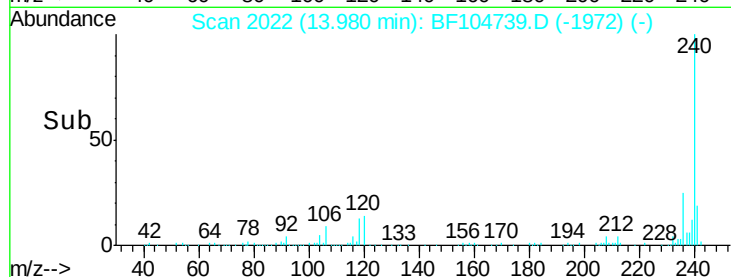
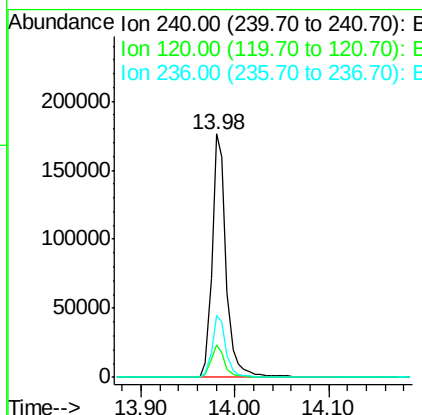
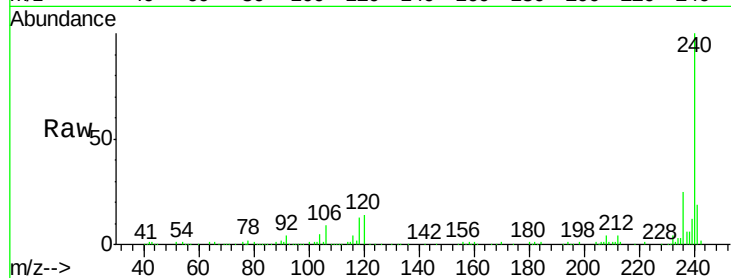




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF104739.D
 Acq: 24 Apr 2018 6:31

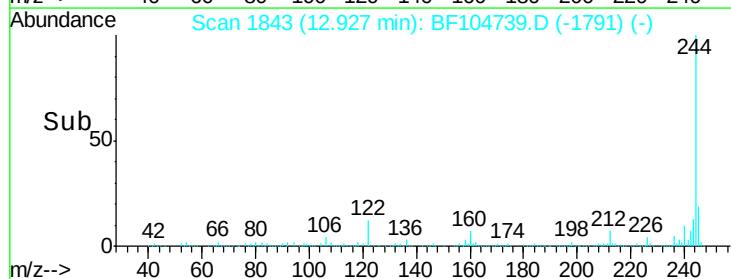
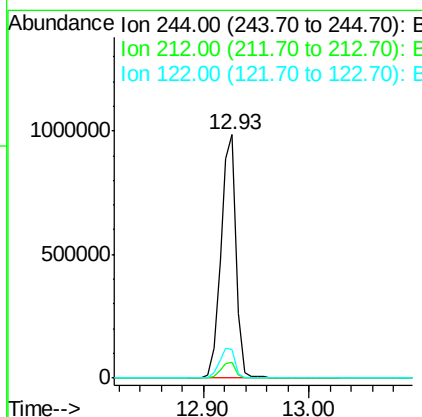
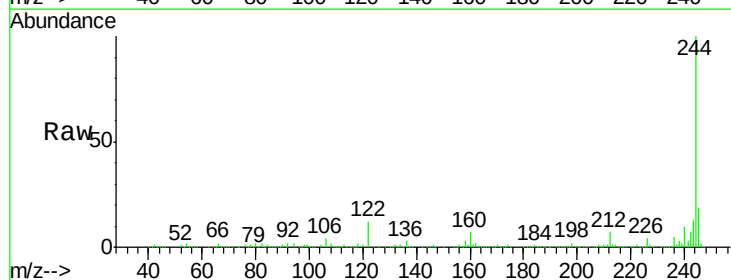
Instrument :
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 ClientSampleId :
 RBR-47184RT

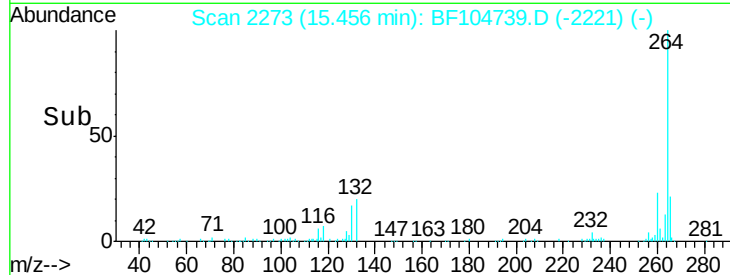
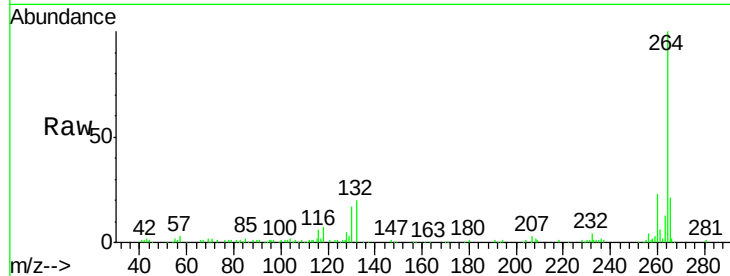
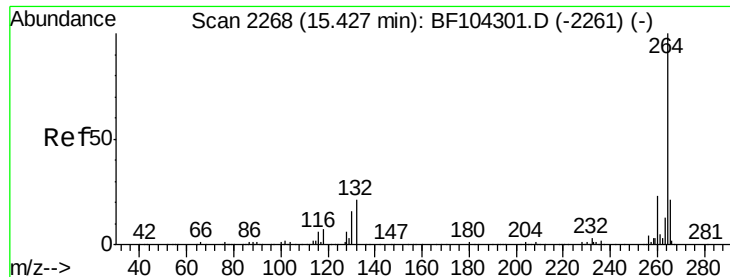
Tot Ion:240 Resp: 188586
 Ion Ratio Lower Upper
 240 100
 120 13.5 9.5 14.3
 236 25.3 20.7 31.1



#78
 Terphenyl-d14
 Concen: 119.691 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF104739.D
 Acq: 24 Apr 2018 6:31

Tgt Ion:244 Resp: 990075
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 11.5 11.0 16.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF104739.D
Acq: 24 Apr 2018 6:31

Instrument :
BNA_F
ClientSampleId :
RBR-47184RT

Tot Ion:	264	Resp:	138413
Ion Ratio	Lower	Upper	
264	100		
260	22.8	19.2	28.8
265	21.1	17.5	26.3

