

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
 Data File : BF104709.D
 Acq On : 23 Apr 2018 15:07
 Operator : JU/SJ
 Sample : J2495-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RS-RO-1-7-B

Quant Time: Apr 24 09:01:27 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

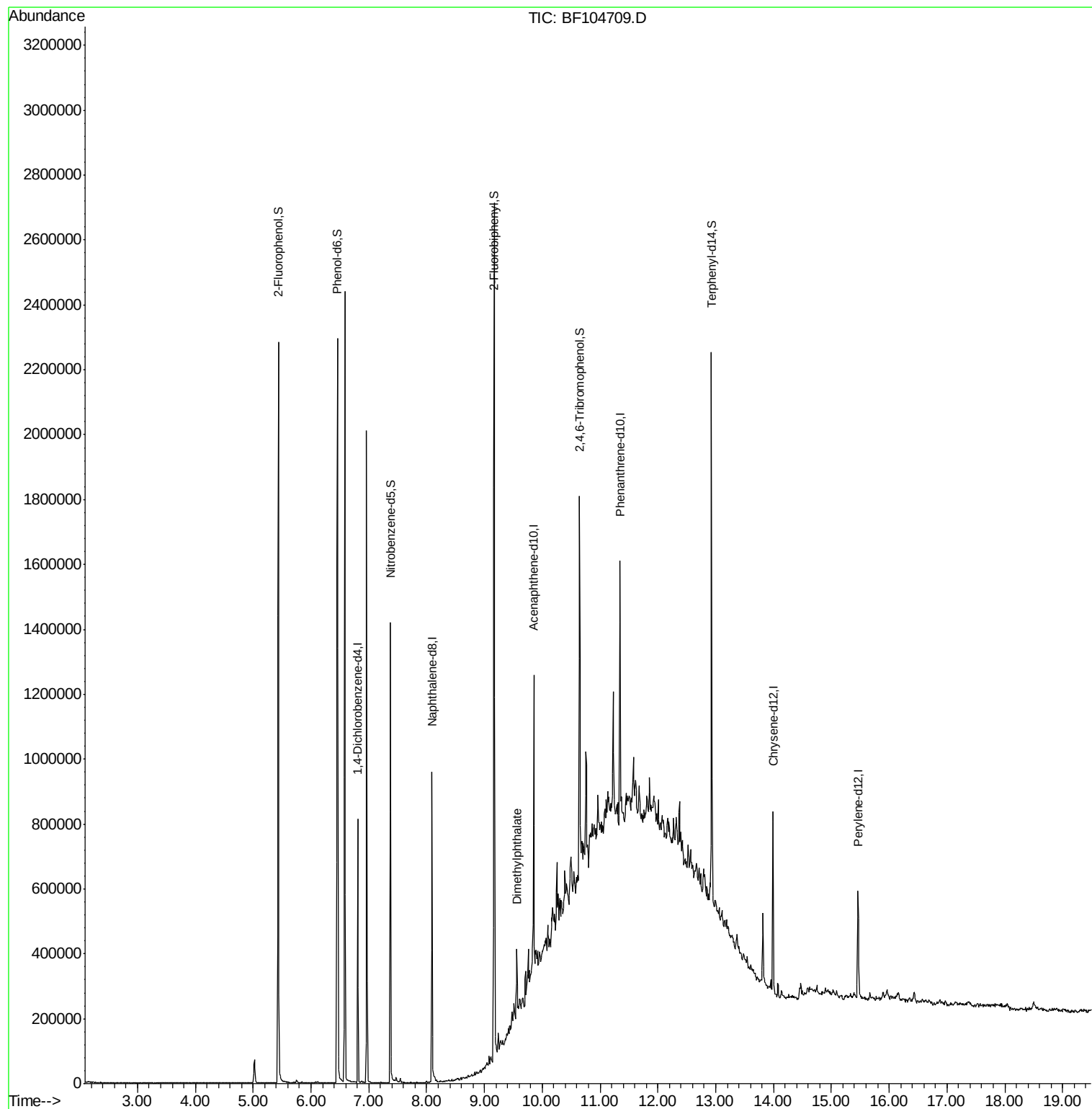
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	113178	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	435212	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	170001	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	261483	20.00	ng	0.01
75) Chrysene-d12	13.99	240	194743	20.00	ng	0.00
86) Perylene-d12	15.46	264	146330	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	686581	92.76	ng	0.02
7) Phenol-d6	6.46	99	803354	88.33	ng	0.01
23) Nitrobenzene-d5	7.37	82	438082	65.73	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	148192	84.03	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	782110	72.68	ng	0.00
78) Terphenyl-d14	12.93	244	620487	72.64	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.56	163	58766	4.384	ng	# 97

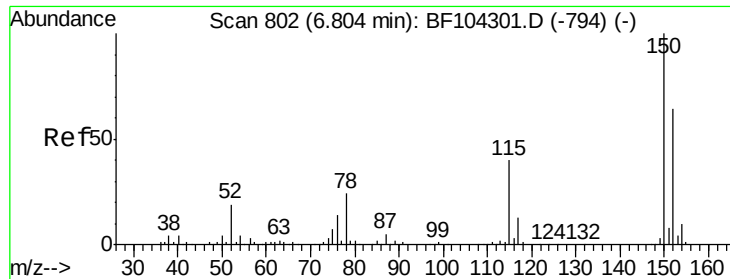
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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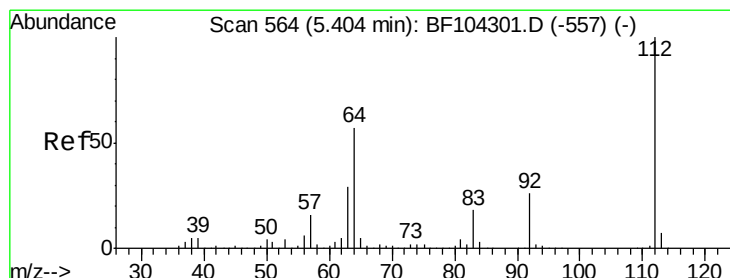
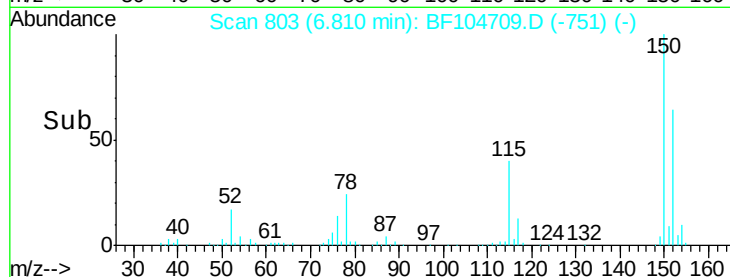
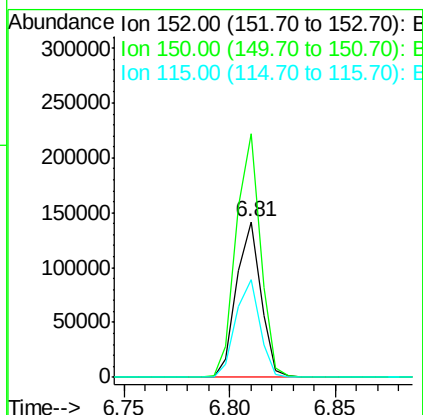
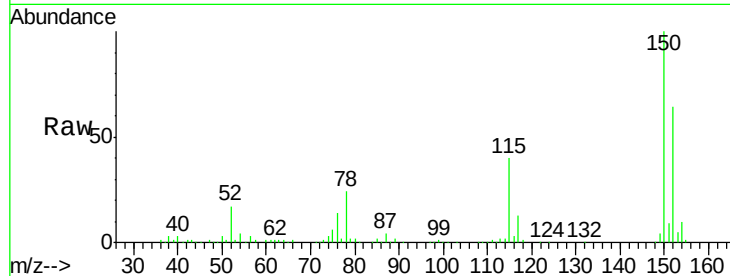


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.01 min
 Lab File: BF104709.D
 Acq: 23 Apr 2018 15:07

Instrument :
 BNA_F
 ClientSampleId :
 RS-RO-1-7-B

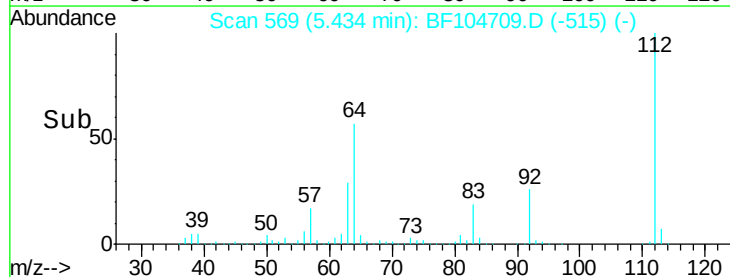
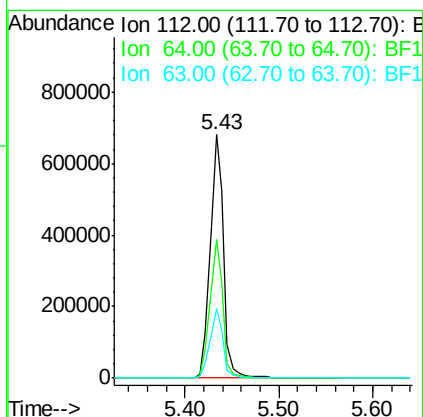
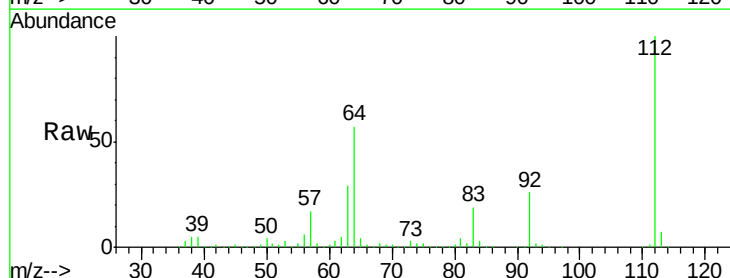
Tot Ion:152 Resp: 113178
 Ion Ratio Lower Upper
 152 100
 150 156.6 124.6 186.8
 115 62.7 50.1 75.1

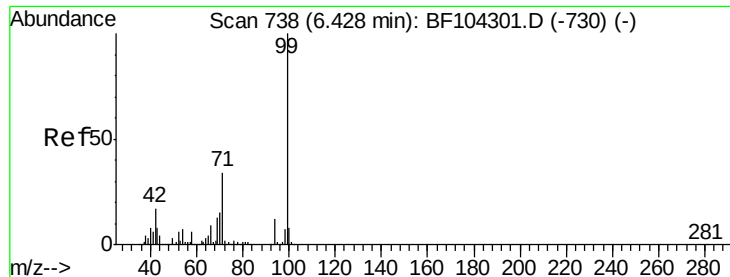


#5

2-Fluorophenol
 Concen: 92.758 ng
 RT: 5.43 min Scan# 569
 Delta R.T. 0.02 min
 Lab File: BF104709.D
 Acq: 23 Apr 2018 15:07

Tgt Ion:112 Resp: 686581
 Ion Ratio Lower Upper
 112 100
 64 57.1 47.9 71.9
 63 28.7 23.7 35.5





#7

Phenol-d6

Concen: 88.335 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF104709.D

Acq: 23 Apr 2018 15:07

Instrument :

BNA_F

ClientSampleId :

RS-RO-1-7-B

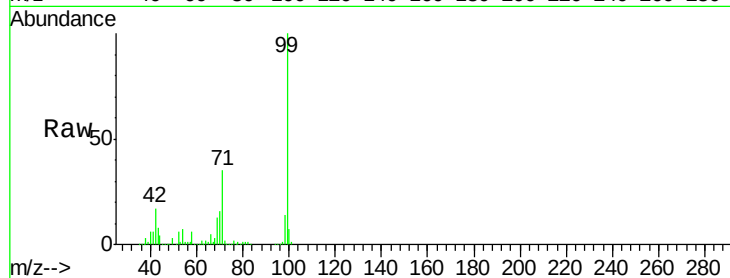
Tot Ion: 99 Resp: 803354

Ion Ratio Lower Upper

99 100

42 16.6 14.5 21.7

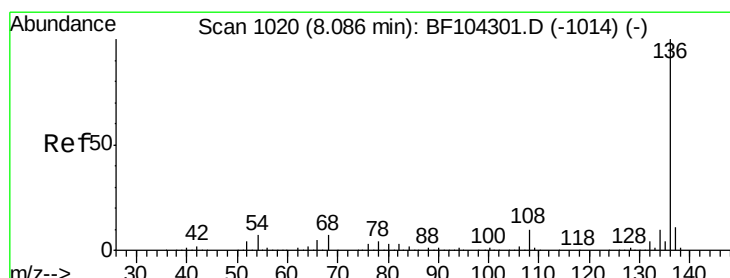
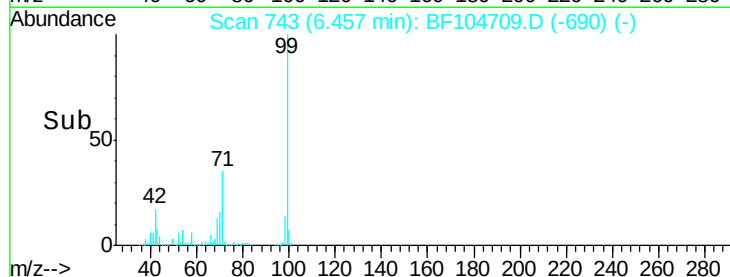
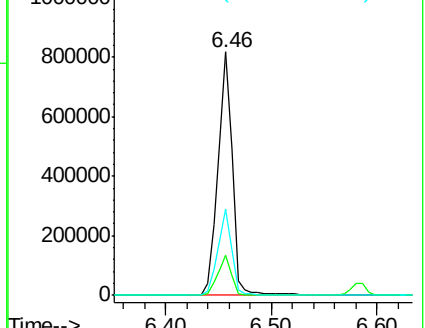
71 35.2 25.4 38.0



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: BF104709.D

Acq: 23 Apr 2018 15:07

Tgt Ion: 136 Resp: 435212

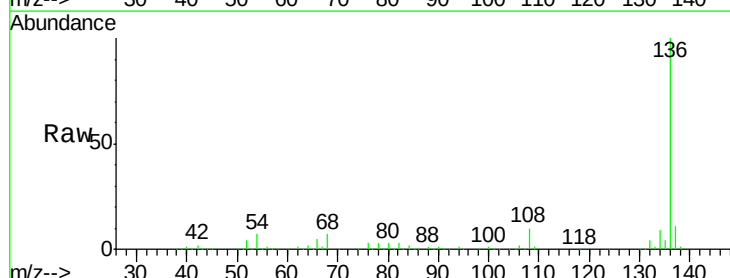
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.7 6.6 9.8

68 6.6 5.0 7.4

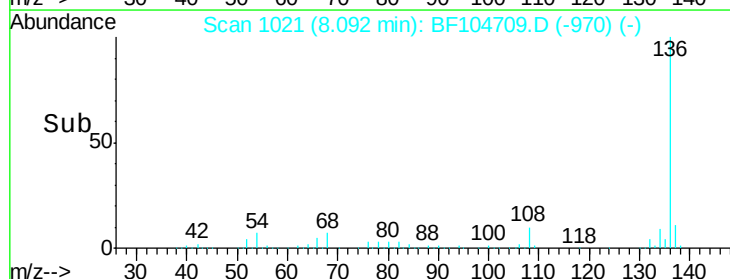
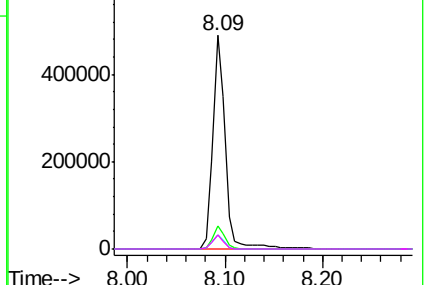


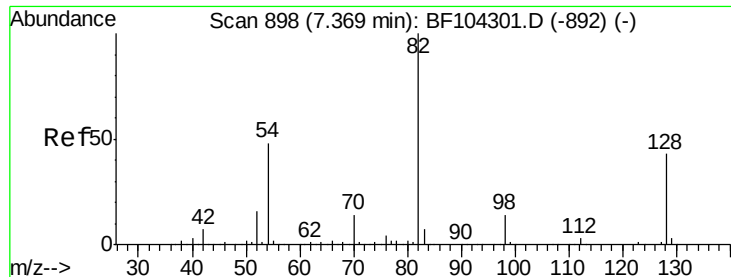
Abundance Ion 136.00 (135.70 to 136.70): E

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

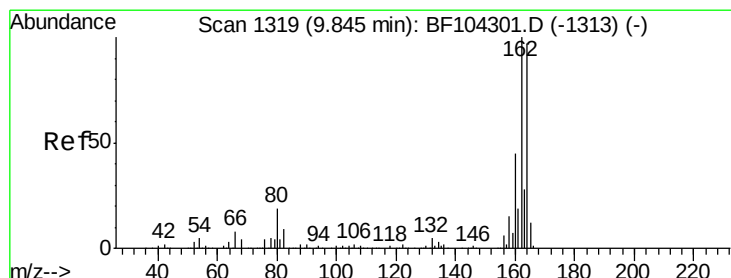
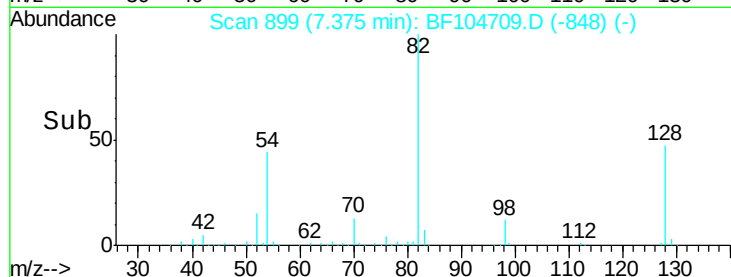
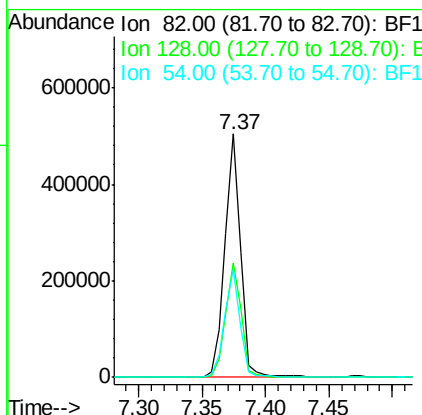
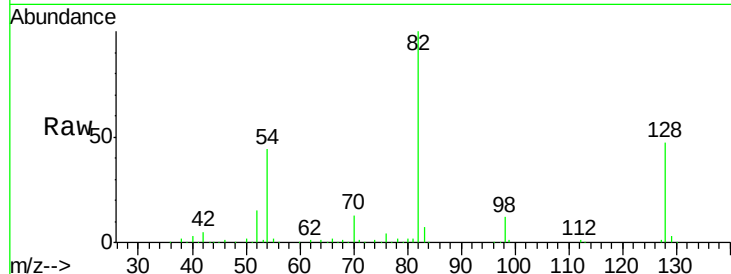




#23
Nitrobenzene-d5
Concen: 65.729 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF104709.D
Acq: 23 Apr 2018 15:07

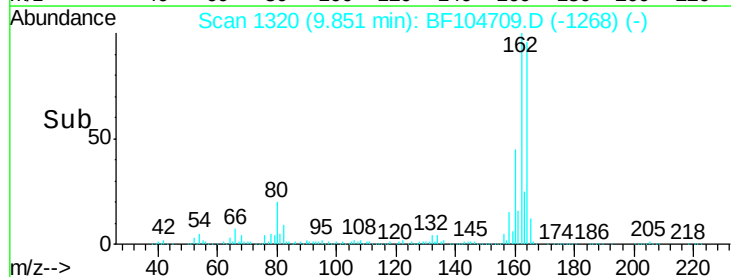
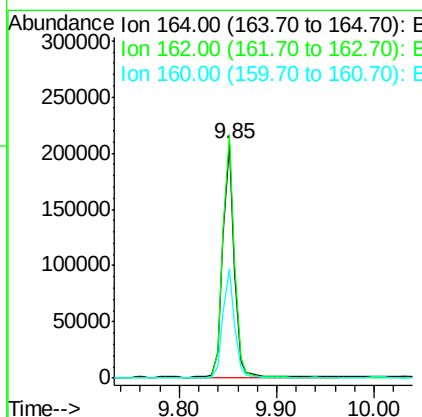
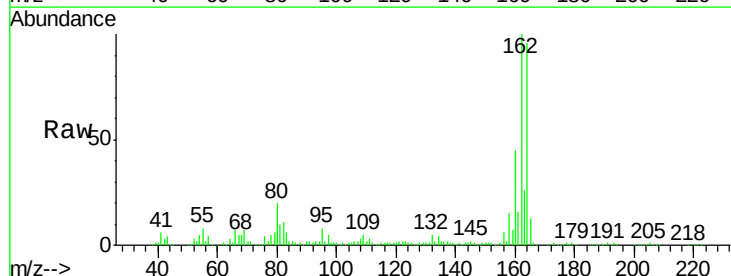
Instrument :
BNA_F
ClientSampleId :
RS-RO-1-7-B

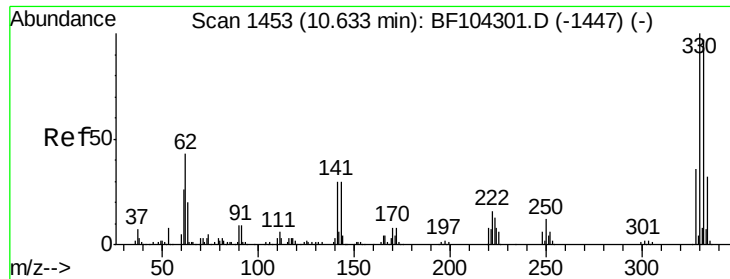
Tot Ion: 82 Resp: 438082
Ion Ratio Lower Upper
82 100
128 47.0 36.1 54.1
54 44.4 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.01 min
Lab File: BF104709.D
Acq: 23 Apr 2018 15:07

Tgt Ion:164 Resp: 170001
Ion Ratio Lower Upper
164 100
162 104.3 86.1 129.1
160 46.5 38.3 57.5

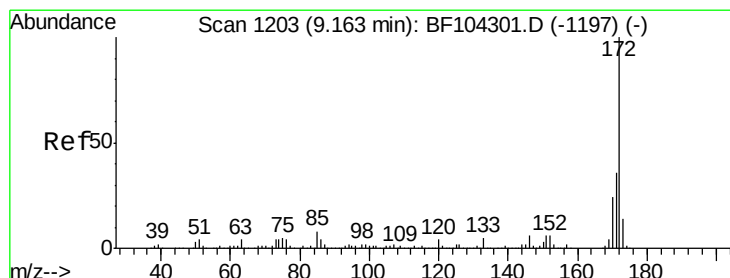
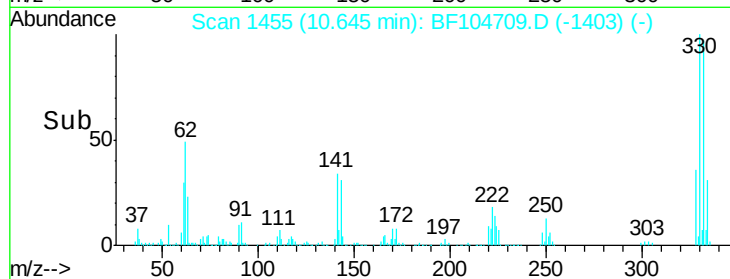
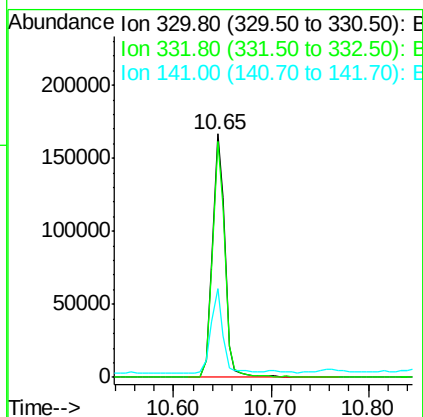
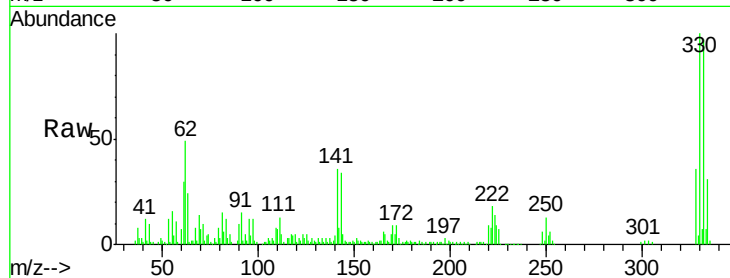




#41
 2,4,6-Tribromophenol
 Concen: 84.034 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.01 min
 Lab File: BF104709.D
 Acq: 23 Apr 2018 15:07

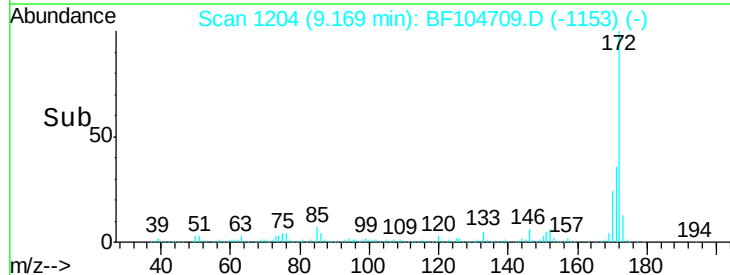
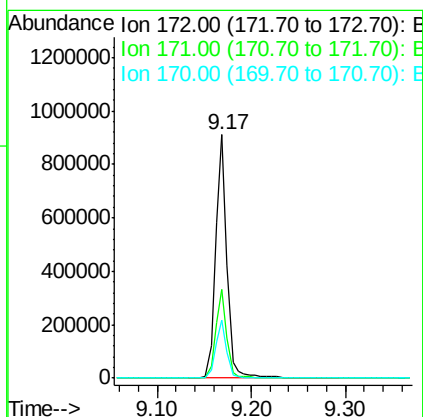
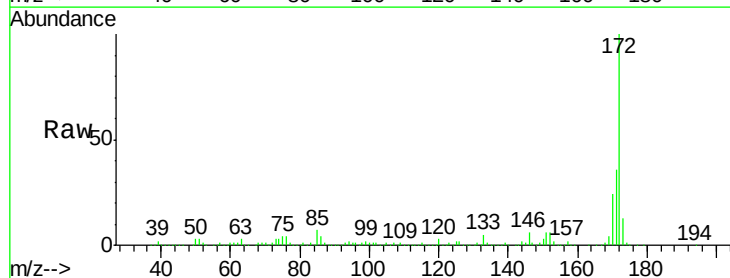
Instrument :
 BNA_F
 ClientSampleId :
 RS-RO-1-7-B

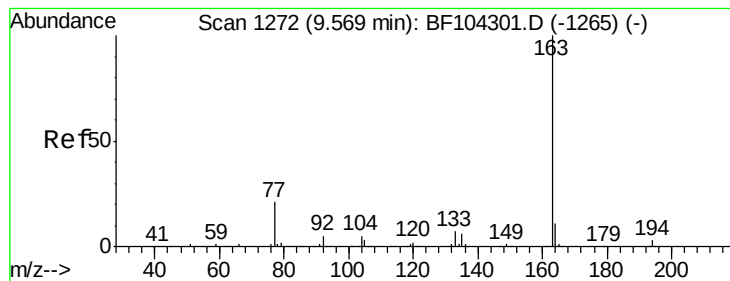
Tot Ion:330 Resp: 148192
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 33.5 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 72.678 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF104709.D
 Acq: 23 Apr 2018 15:07

Tgt Ion:172 Resp: 782110
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 23.9 19.6 29.4





#49

Dimethylphthalate

Concen: 4.384 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF104709.D

Acq: 23 Apr 2018 15:07

Instrument :

BNA_F

ClientSampleId :

RS-RO-1-7-B

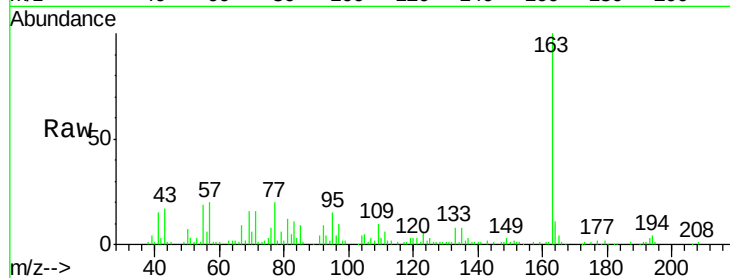
Tot Ion:163 Resp: 58766

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1#

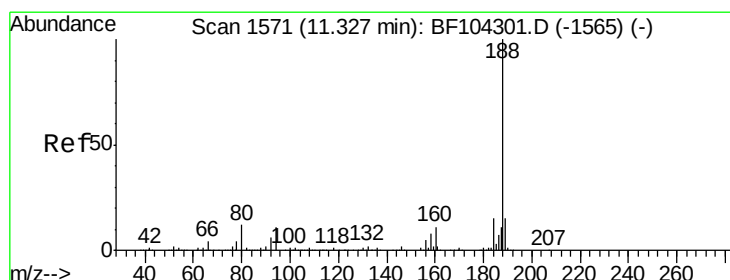
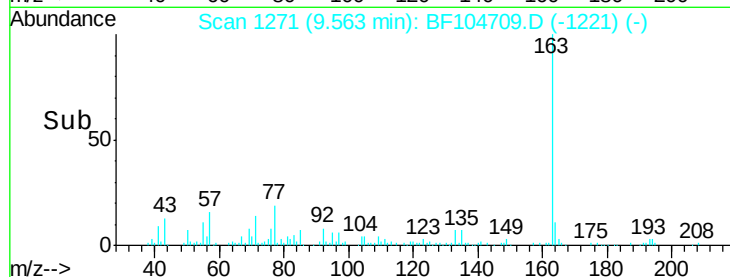
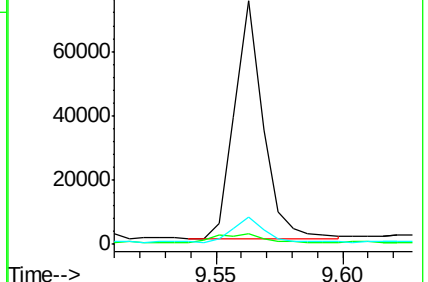
164 11.3 8.2 12.2



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: 11.35 min Scan# 1574

Delta R.T. 0.01 min

Lab File: BF104709.D

Acq: 23 Apr 2018 15:07

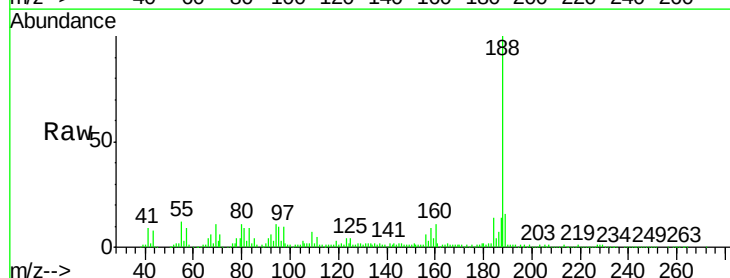
Tgt Ion:188 Resp: 261483

Ion Ratio Lower Upper

188 100

94 10.9 8.5 12.7

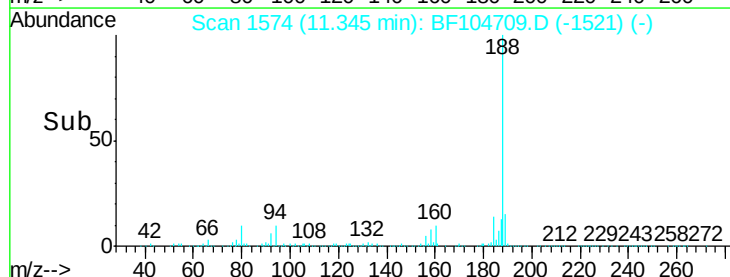
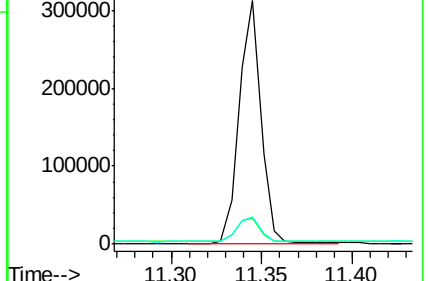
80 11.5 9.2 13.8

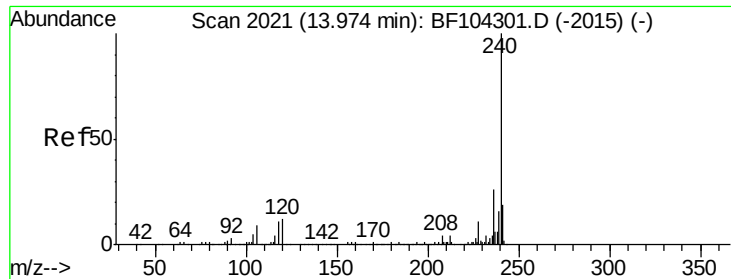


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BF104709.D

Acq: 23 Apr 2018 15:07

Instrument :

BNA_F

ClientSampleId :

RS-RO-1-7-B

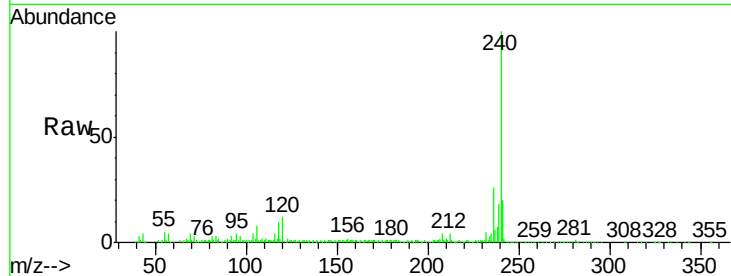
Tot Ion:240 Resp: 194743

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

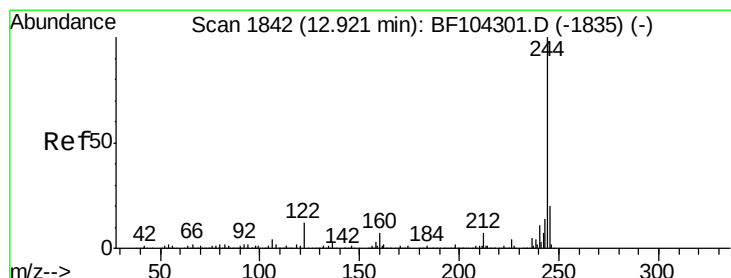
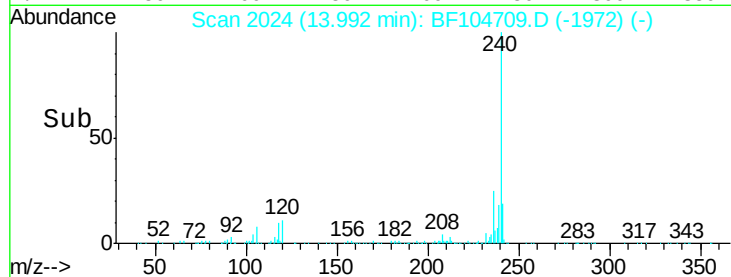
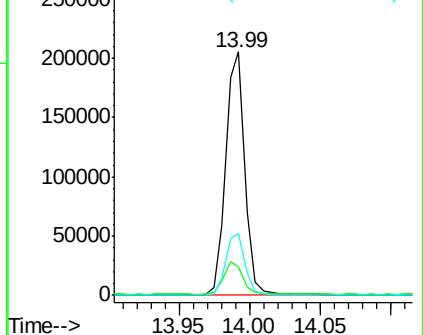
236 25.7 20.7 31.1



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: 72.640 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF104709.D

Acq: 23 Apr 2018 15:07

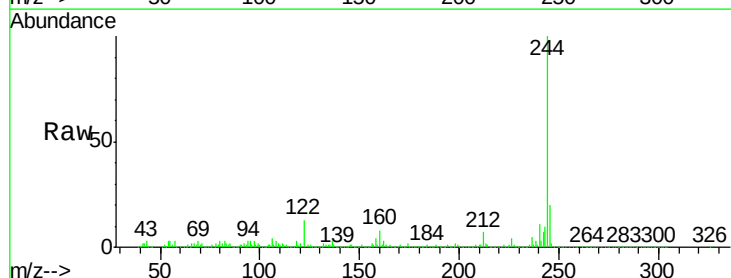
Tgt Ion:244 Resp: 620487

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

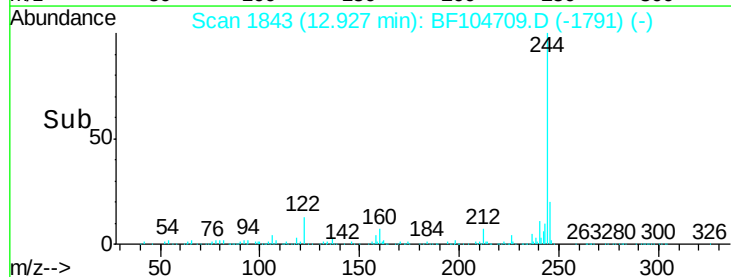
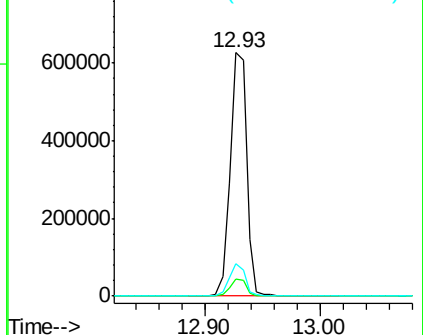
122 13.4 11.0 16.4

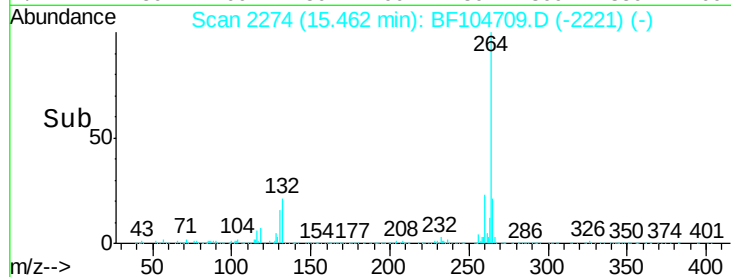
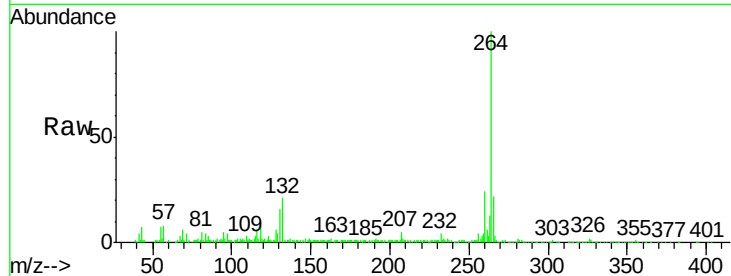
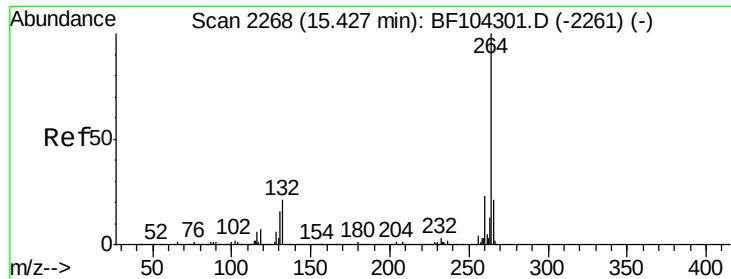


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF104709.D
Acq: 23 Apr 2018 15:07

Instrument :
BNA_F
ClientSampleId :
RS-RO-1-7-B

Tot Ion:	264	Resp:	146330
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.7	17.5	26.3

