

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
 Data File : BF104933.D
 Acq On : 30 Apr 2018 15:27
 Operator : JU/SJ
 Sample : J2522-01DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CO-W-1DL

Quant Time: Apr 30 18:36:51 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 15:20:08 2018
 Response via : Initial Calibration

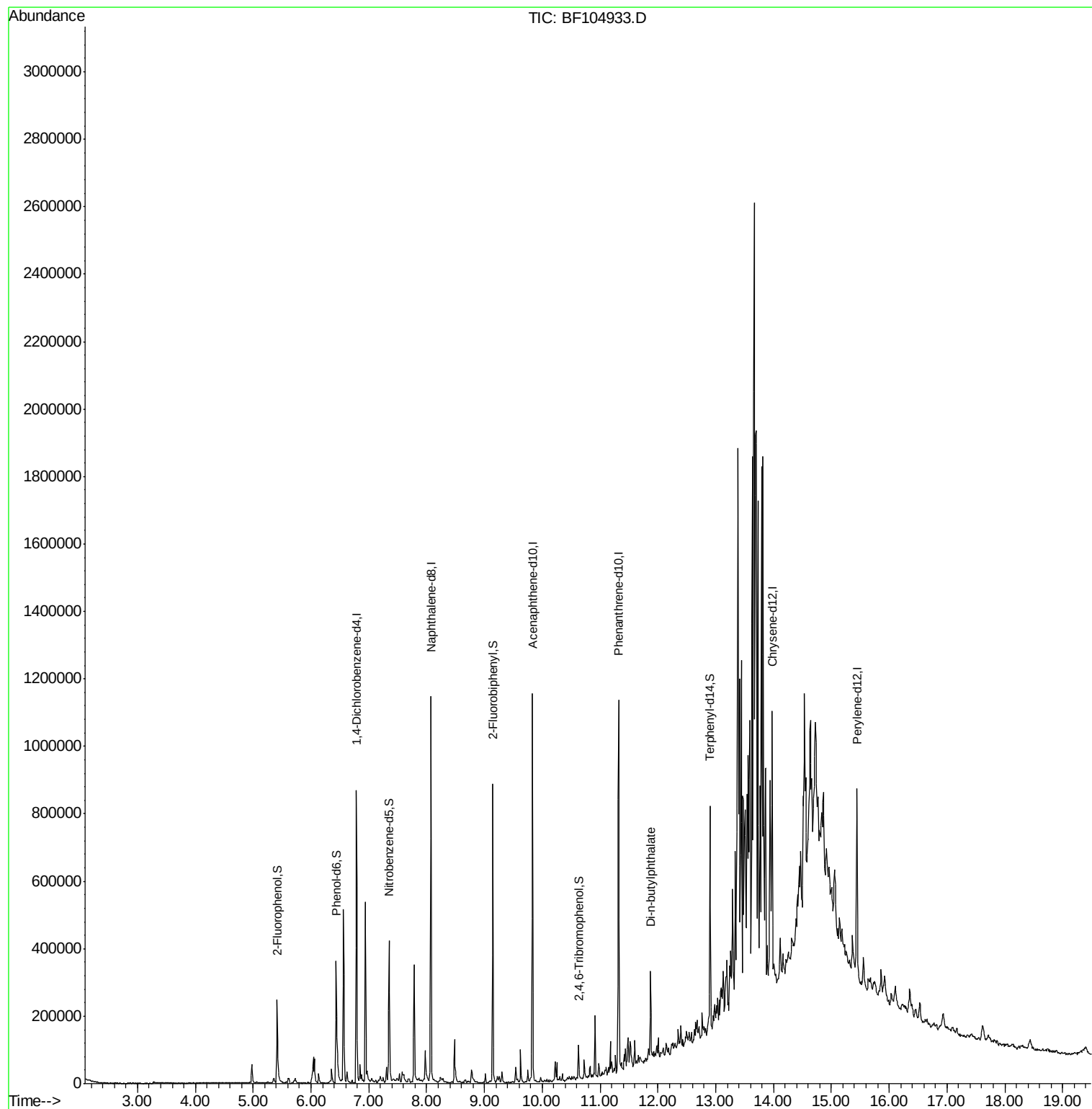
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	122389	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	505149	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	231581	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	385119	20.00	ng	0.00
75) Chrysene-d12	13.97	240	245044	20.00	ng	0.00
86) Perylene-d12	15.44	264	224833	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	107330	13.41	ng	0.00
7) Phenol-d6	6.43	99	193817	19.71	ng	0.00
23) Nitrobenzene-d5	7.35	82	119126	15.40	ng	-0.02
41) 2,4,6-Tribromophenol	10.63	330	9495	3.95	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	252919	17.25	ng	-0.01
78) Terphenyl-d14	12.90	244	203447	18.93	ng	-0.01
Target Compounds						
73) Di-n-butylphthalate	11.87	149	126753	4.871	ng	Qvalue 99

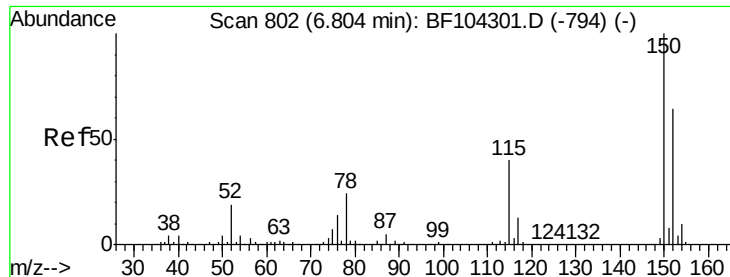
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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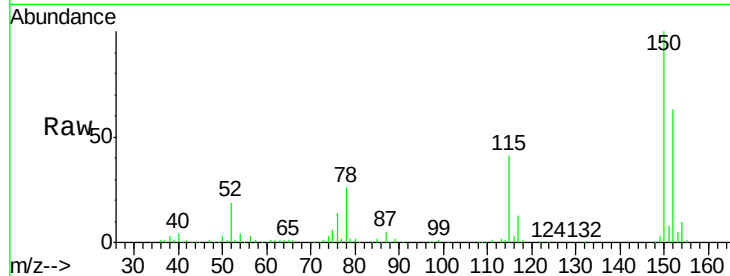


#1

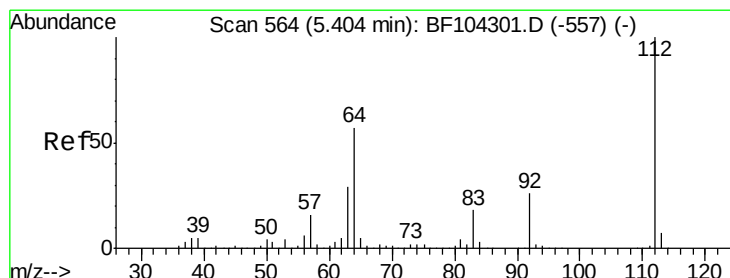
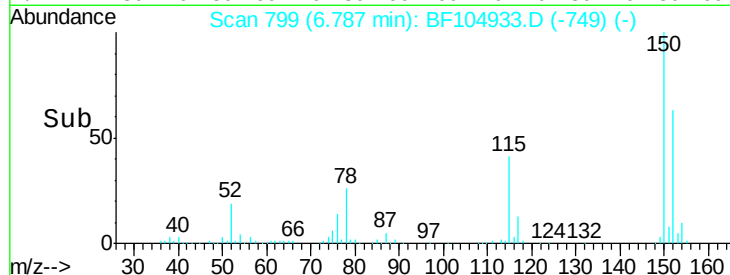
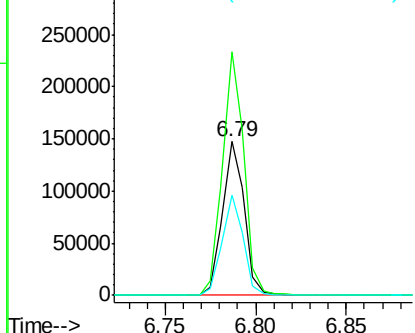
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF104933.D
Acq: 30 Apr 2018 15:27

Instrument :
BNA_F
ClientSampleId :
CO-W-1DL

Tot Ion:152 Resp: 122389
Ion Ratio Lower Upper
152 100
150 158.3 124.6 186.8
115 64.9 50.1 75.1



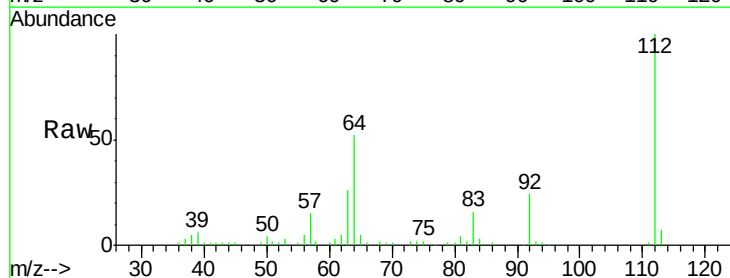
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



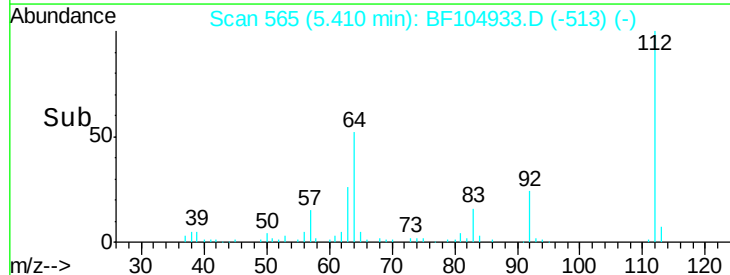
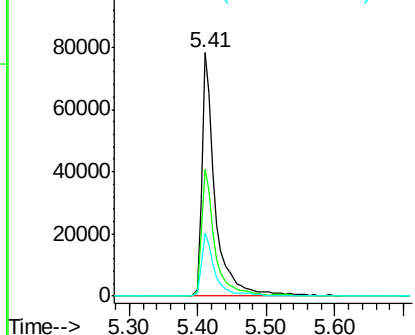
#5

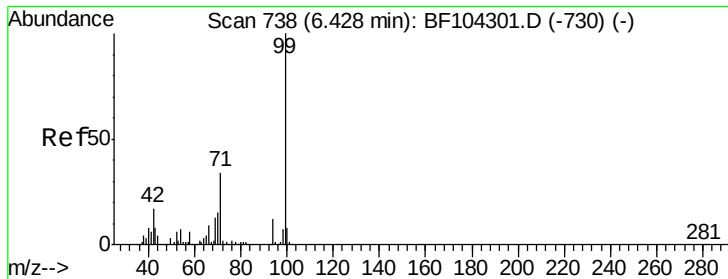
2-Fluorophenol
Concen: 13.409 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF104933.D
Acq: 30 Apr 2018 15:27

Tgt Ion:112 Resp: 107330
Ion Ratio Lower Upper
112 100
64 52.4 47.9 71.9
63 25.9 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: 19.708 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF104933.D

Acq: 30 Apr 2018 15:27

Instrument :

BNA_F

ClientSampleId :

CO-W-1DL

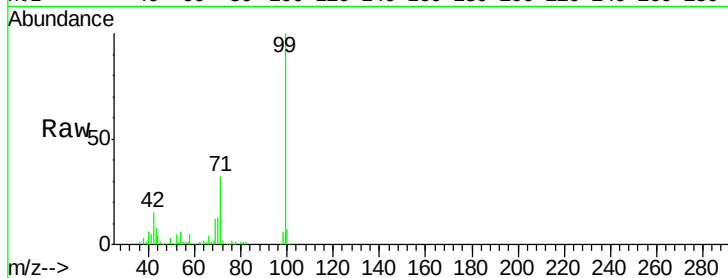
Tot Ion: 99 Resp: 193817

Ion Ratio Lower Upper

99 100

42 14.5 14.5 21.7

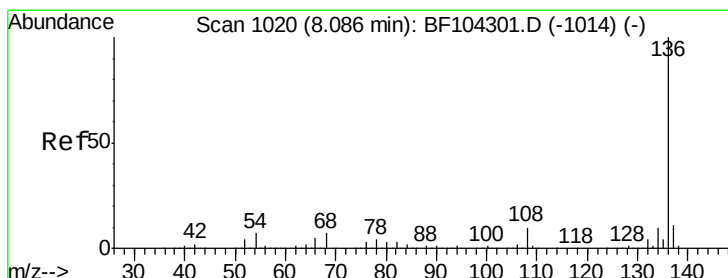
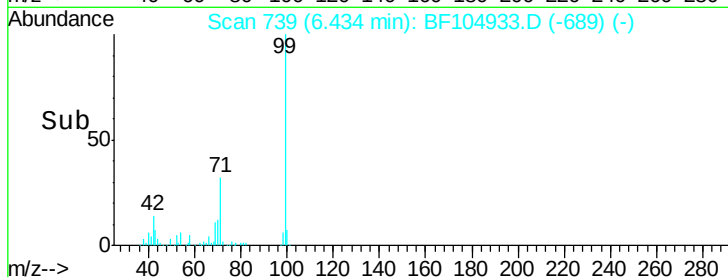
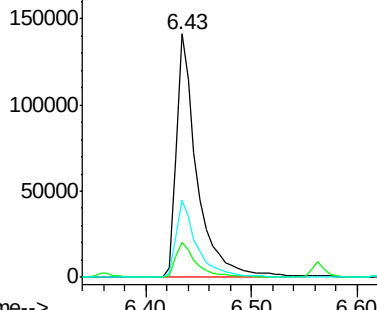
71 32.0 25.4 38.0



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: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF104933.D

Acq: 30 Apr 2018 15:27

Tgt Ion: 136 Resp: 505149

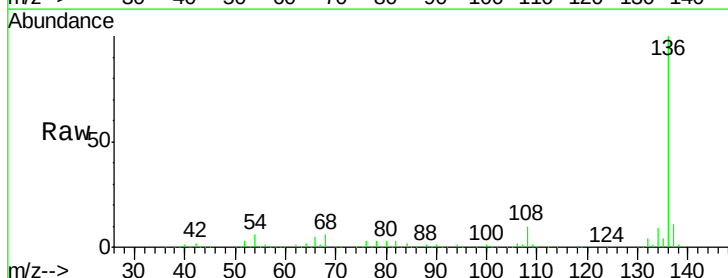
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.5 6.6 9.8#

68 5.7 5.0 7.4

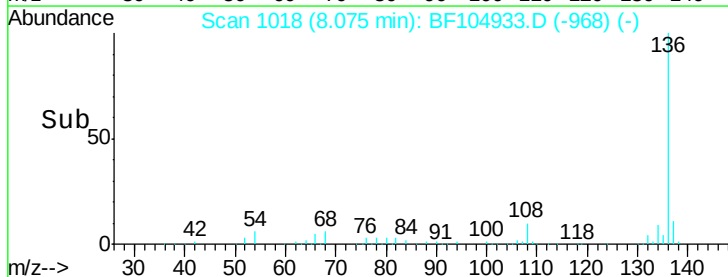
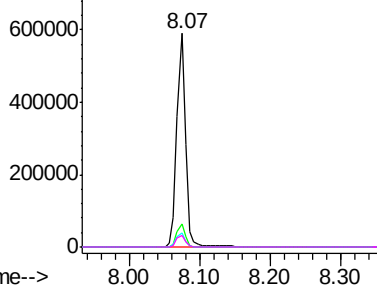


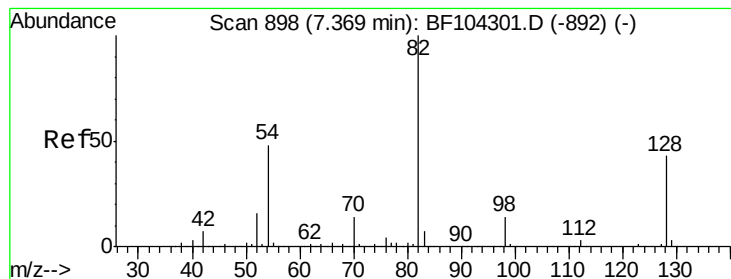
Abundance Ion 136.00 (135.70 to 136.70): E

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: 15.399 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.02 min

Lab File: BF104933.D

Acq: 30 Apr 2018 15:27

Instrument :

BNA_F

ClientSampleId :

CO-W-1DL

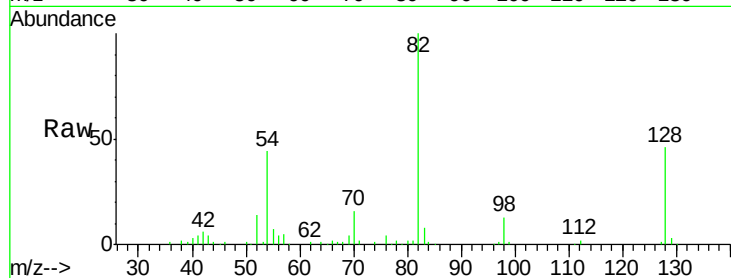
Tot Ion: 82 Resp: 119126

Ion Ratio Lower Upper

82 100

128 46.3 36.1 54.1

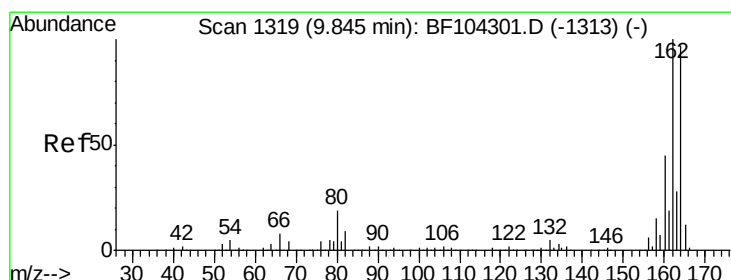
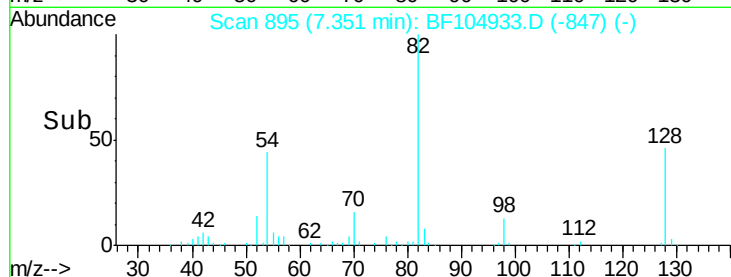
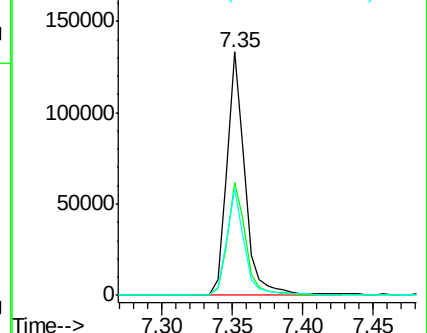
54 44.0 41.4 62.2



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: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF104933.D

Acq: 30 Apr 2018 15:27

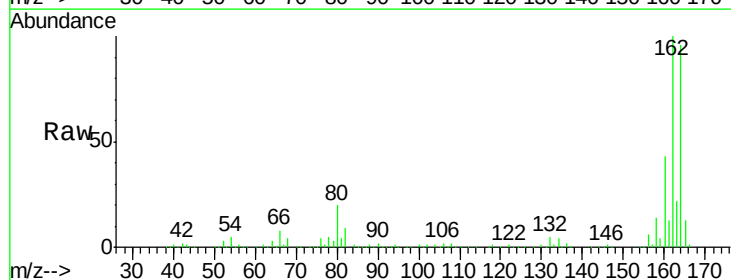
Tgt Ion:164 Resp: 231581

Ion Ratio Lower Upper

164 100

162 103.8 86.1 129.1

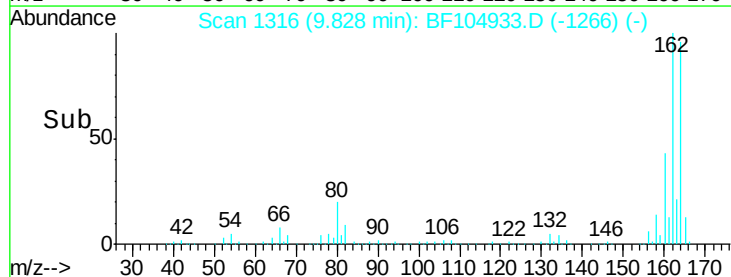
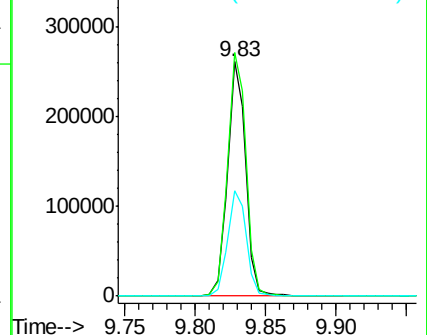
160 45.0 38.3 57.5

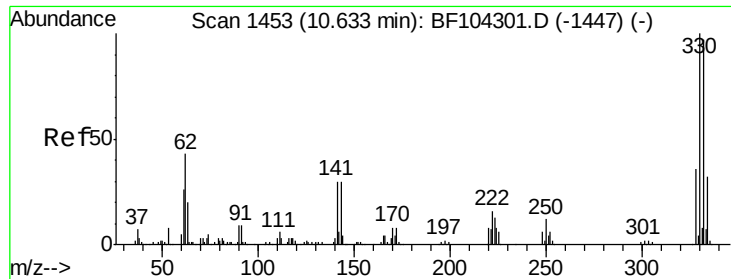


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#41

2,4,6-Tribromophenol

Concen: 3.953 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF104933.D

Acq: 30 Apr 2018 15:27

Instrument :

BNA_F

ClientSampleId :

CO-W-1DL

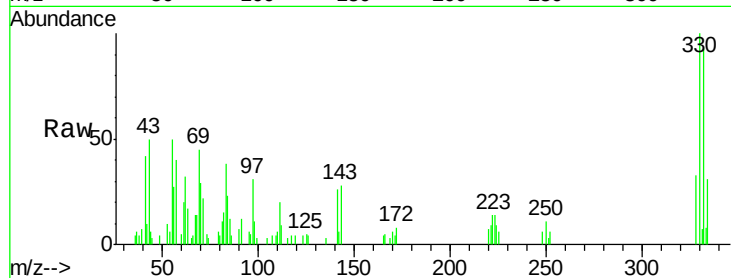
Tot Ion:330 Resp: 9495

Ion Ratio Lower Upper

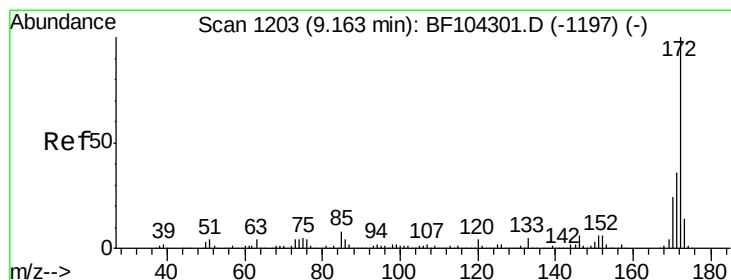
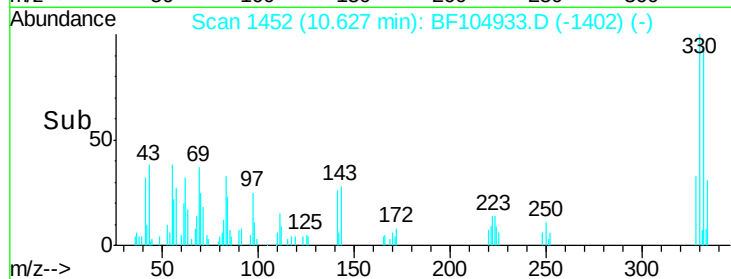
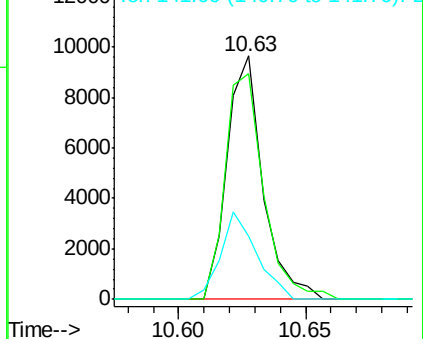
330 100

332 99.5 77.0 115.6

141 36.3 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: 17.253 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BF104933.D

Acq: 30 Apr 2018 15:27

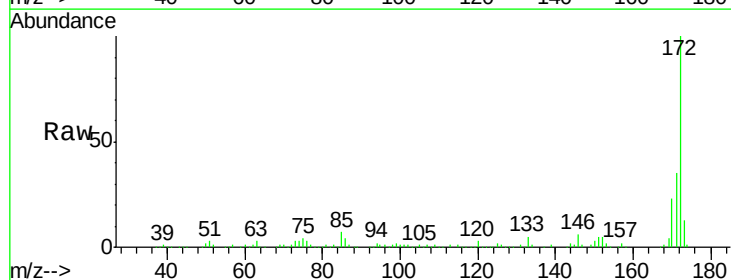
Tgt Ion:172 Resp: 252919

Ion Ratio Lower Upper

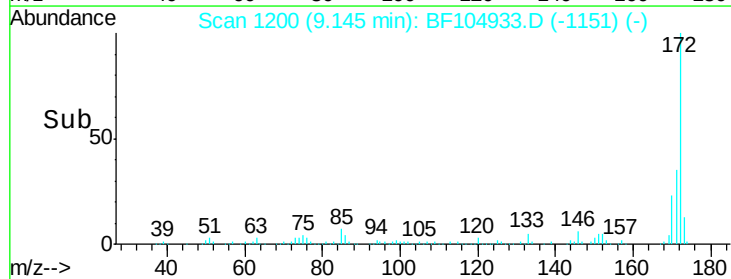
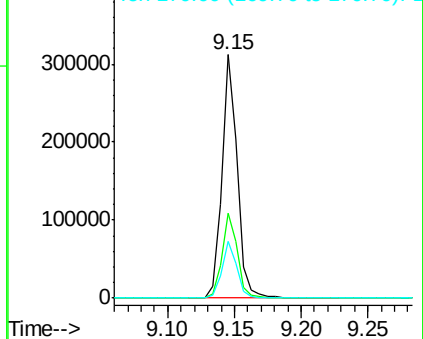
172 100

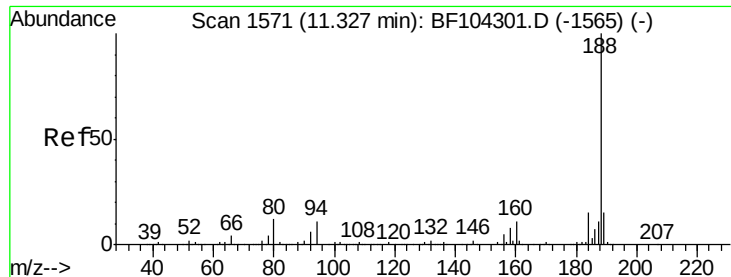
171 35.0 29.7 44.5

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

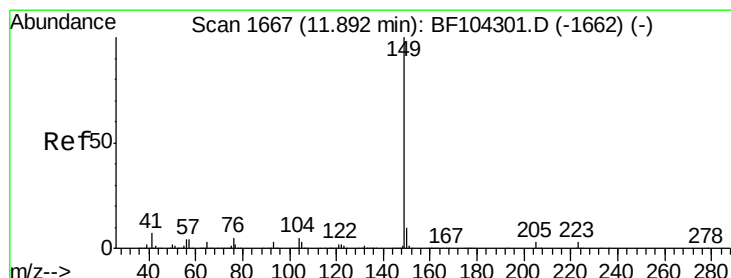
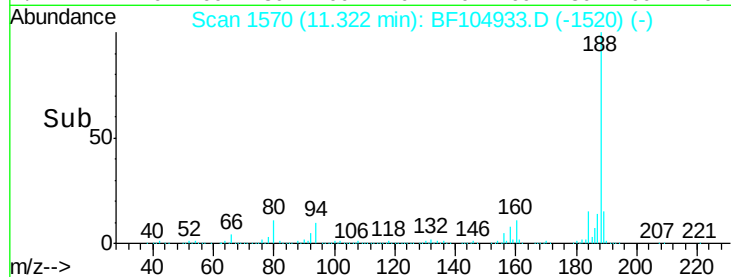
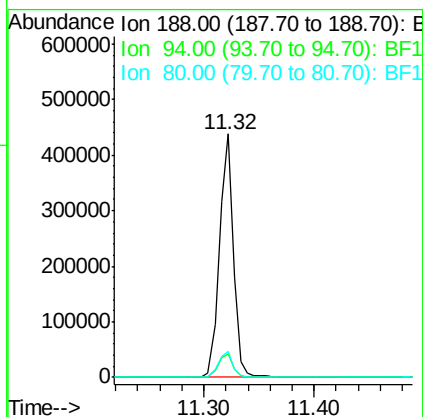
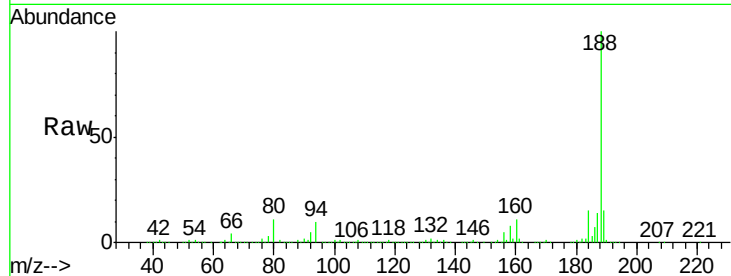




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF104933.D
 Acq: 30 Apr 2018 15:27

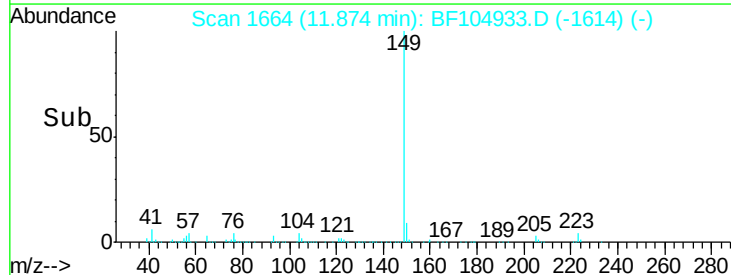
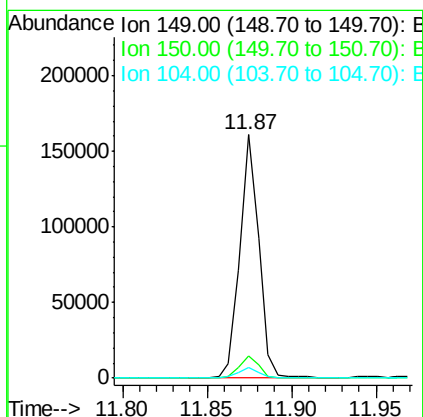
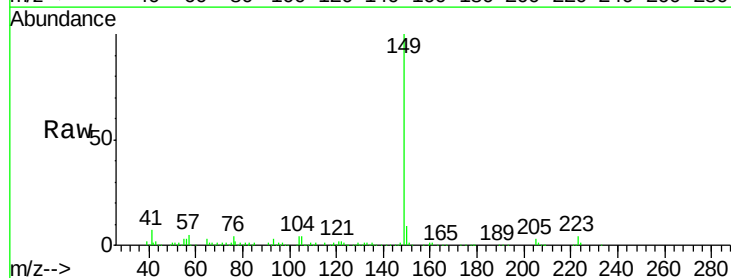
Instrument :
 BNA_F
 ClientSampleId :
 CO-W-1DL

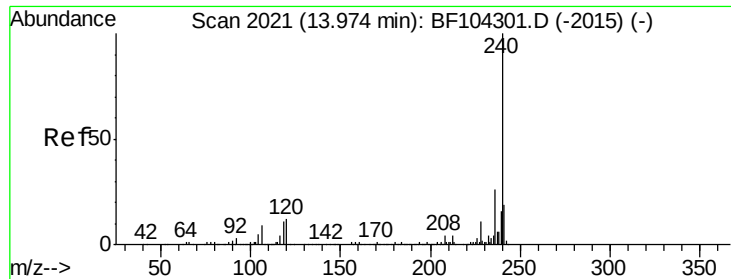
Tot Ion:188 Resp: 385119
 Ion Ratio Lower Upper
 188 100
 94 9.8 8.5 12.7
 80 10.6 9.2 13.8



#73
 Di-n-butylphthalate
 Concen: 4.871 ng
 RT: 11.87 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BF104933.D
 Acq: 30 Apr 2018 15:27

Tgt Ion:149 Resp: 126753
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.8 11.6
 104 4.5 3.8 5.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF104933.D

Acq: 30 Apr 2018 15:27

Instrument :

BNA_F

ClientSampleId :

CO-W-1DL

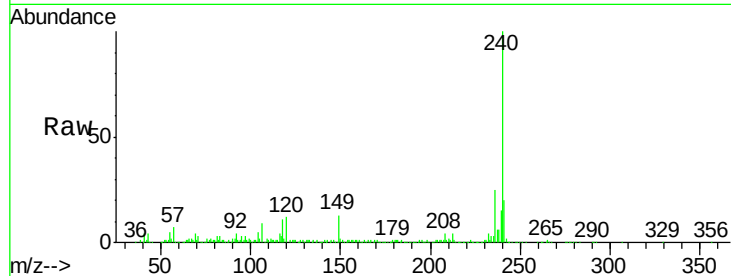
Tot Ion:240 Resp: 245044

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

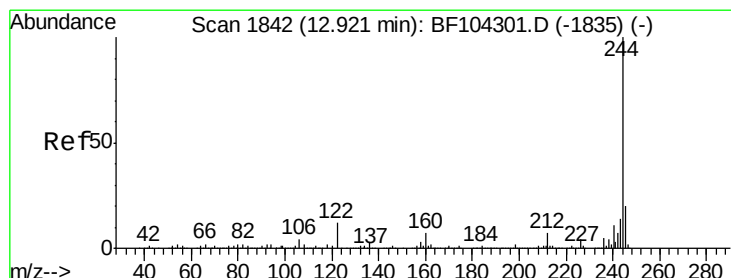
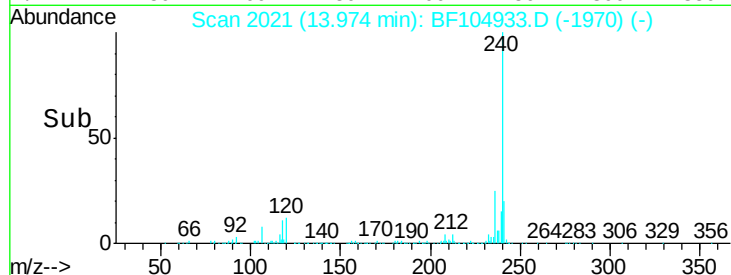
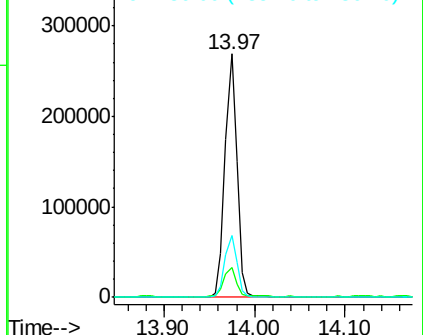
236 25.3 20.7 31.1



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: 18.928 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF104933.D

Acq: 30 Apr 2018 15:27

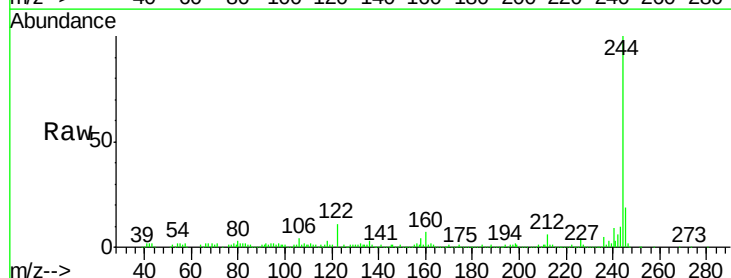
Tgt Ion:244 Resp: 203447

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

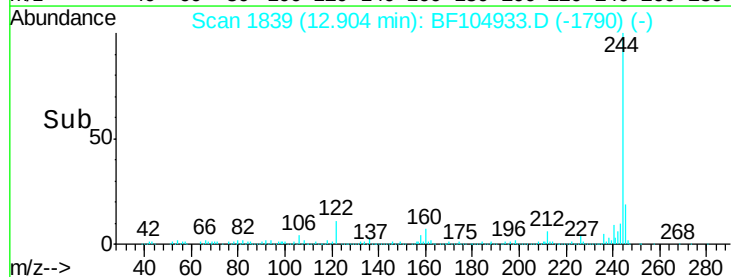
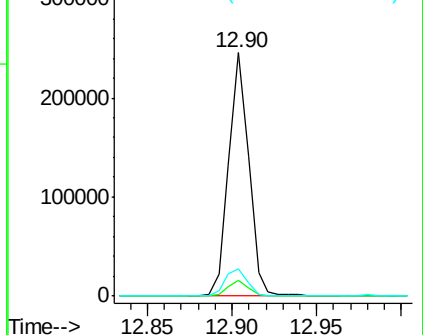
122 11.2 11.0 16.4

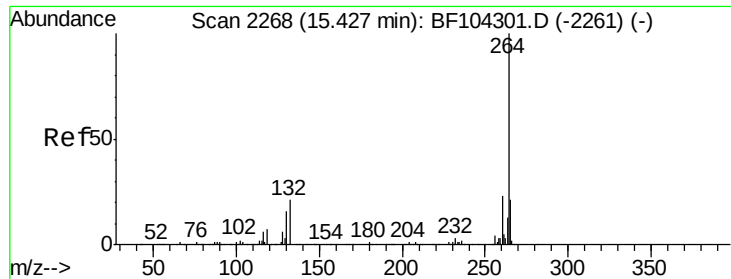


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

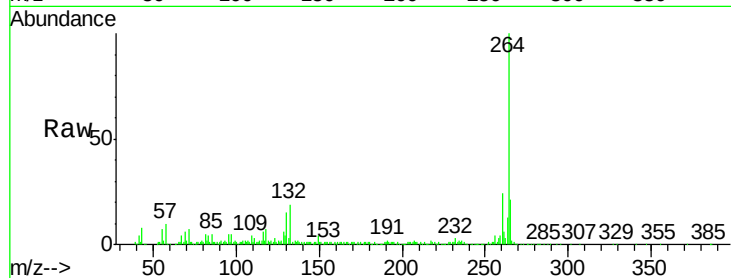




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF104933.D
Acq: 30 Apr 2018 15:27

Instrument :
BNA_F
ClientSampleId :
CO-W-1DL

Tot Ion:	264	Resp:	224833
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.2	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

