

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040318\
 Data File : BF104222.D
 Acq On : 4 Apr 2018 11:58
 Operator : JU/SJ
 Sample : J2173-03DL2 100X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW30D-GWDL2

Quant Time: Apr 04 12:36:26 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 03 15:22:43 2018
 Response via : Initial Calibration

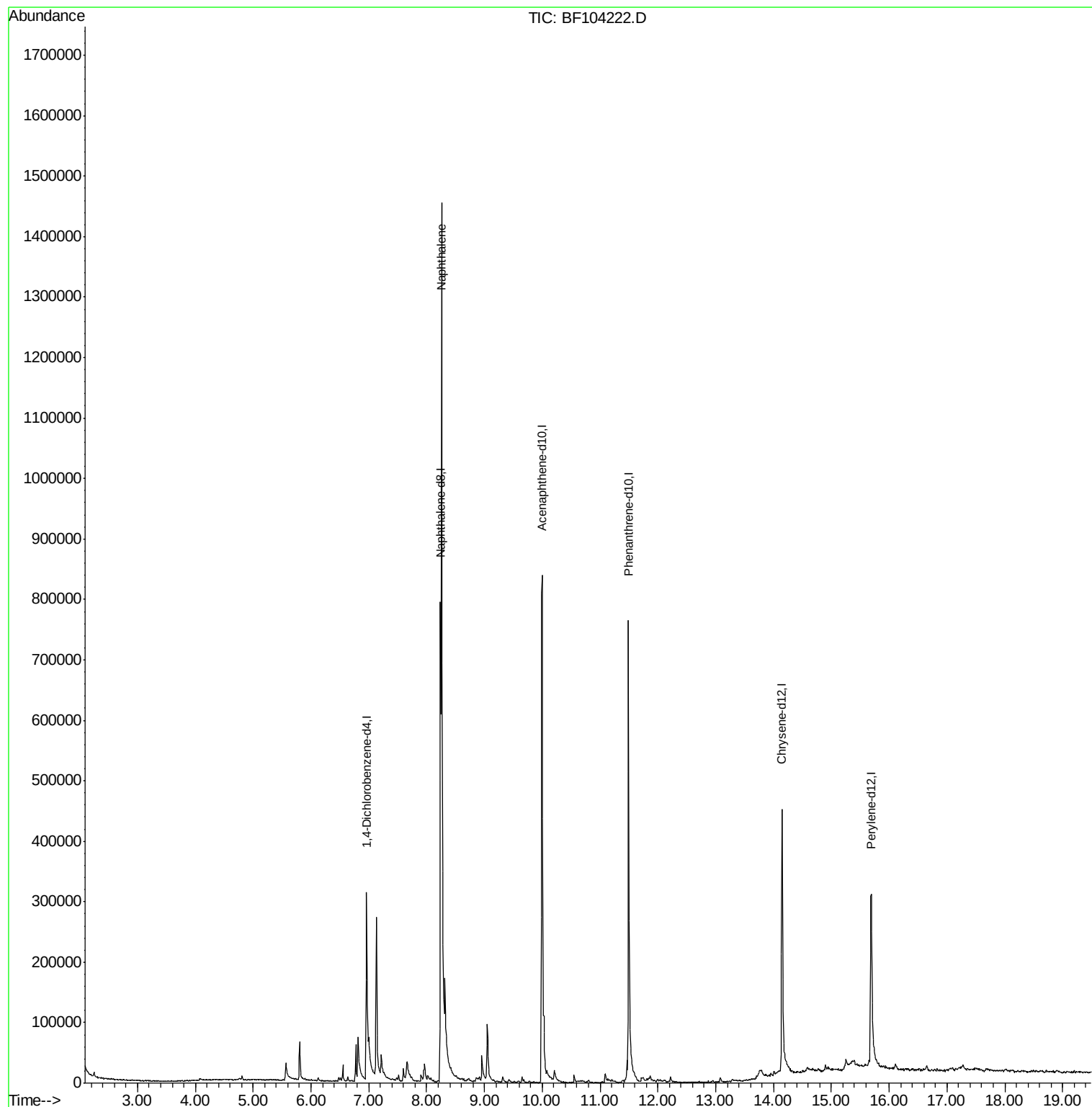
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	109154	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	508804	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	231745	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	406220	20.00	ng	0.00
75) Chrysene-d12	14.14	240	245967	20.00	ng	-0.01
86) Perylene-d12	15.69	264	218177	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	226	0.03	ng	0.15
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	7.56	82	671	0.08	ng	0.03
41) 2,4,6-Tribromophenol	10.80	330	881	0.34	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	10056	0.68	ng	0.00
78) Terphenyl-d14	13.08	244	7389	0.69	ng	0.00
Target Compounds						
31) Naphthalene	8.26	128	960504	38.641	ng	Qvalue 99

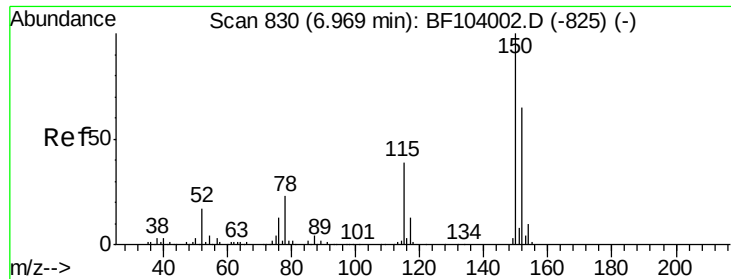
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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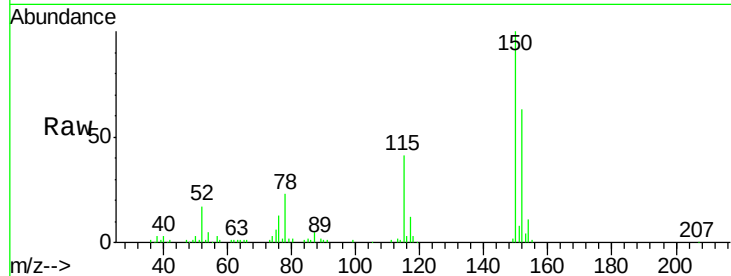


#1

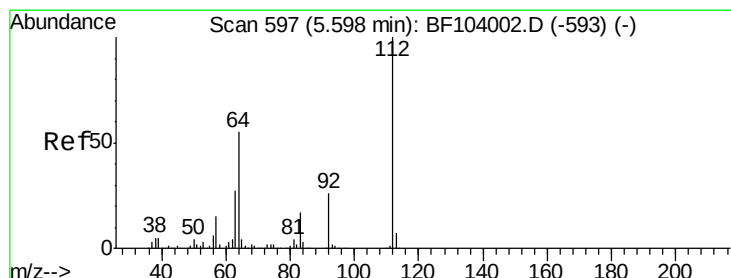
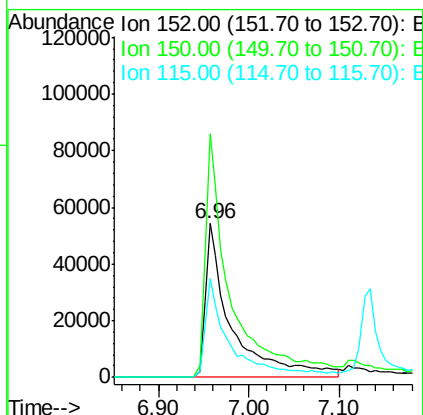
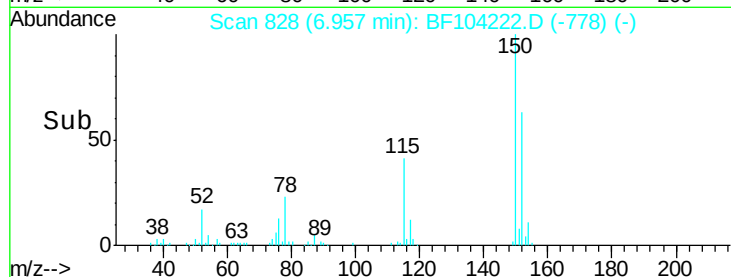
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF104222.D
Acq: 4 Apr 2018 11:58

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW30D-GWDL2

Tot Ion:152 Resp: 109154
Ion Ratio Lower Upper
152 100
150 158.4 124.6 186.8
115 64.5 50.1 75.1



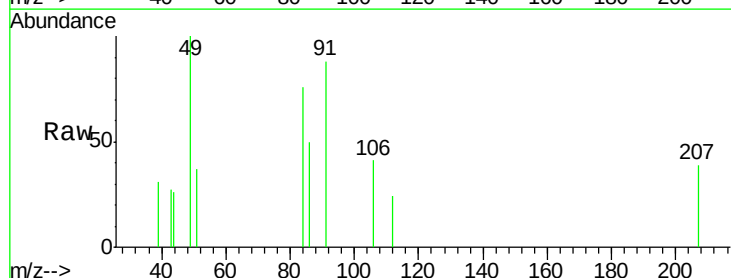
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



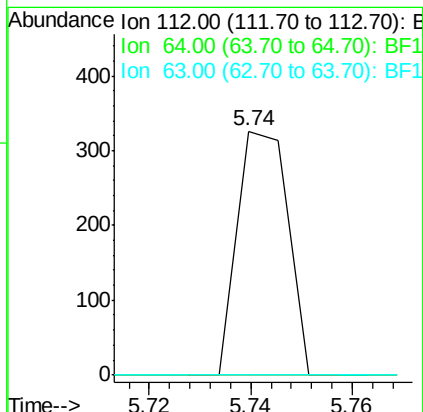
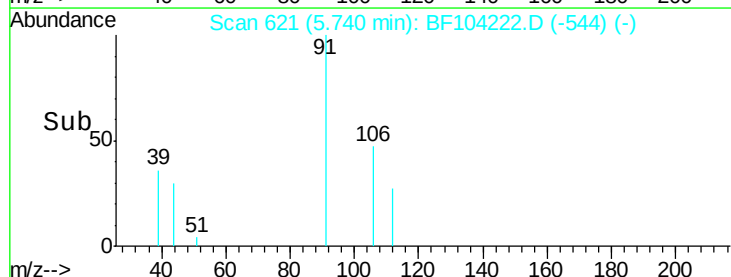
#5

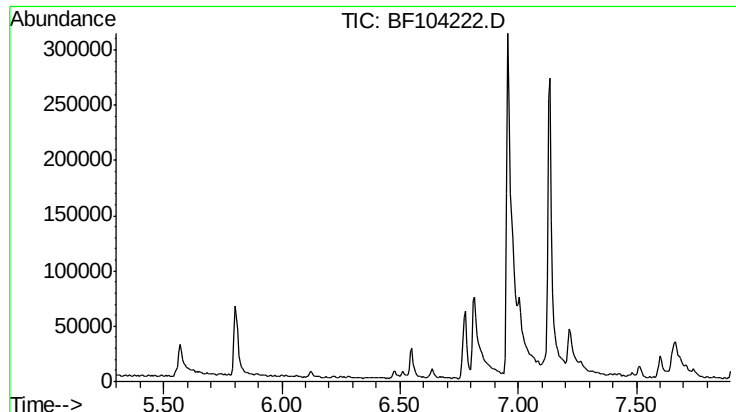
2-Fluorophenol
Concen: 0.033 ng
RT: 5.74 min Scan# 621
Delta R.T. 0.15 min
Lab File: BF104222.D
Acq: 4 Apr 2018 11:58

Tgt Ion:112 Resp: 226
Ion Ratio Lower Upper
112 100
64 0.0 47.9 71.9#
63 0.0 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

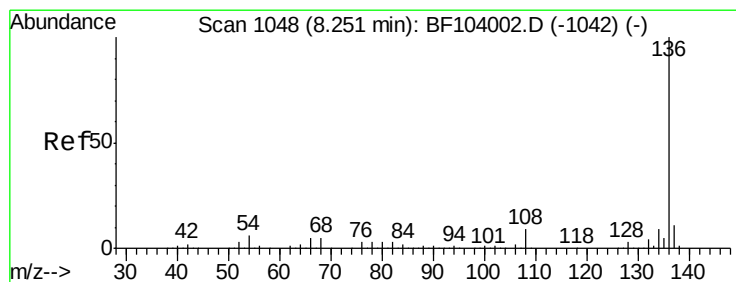
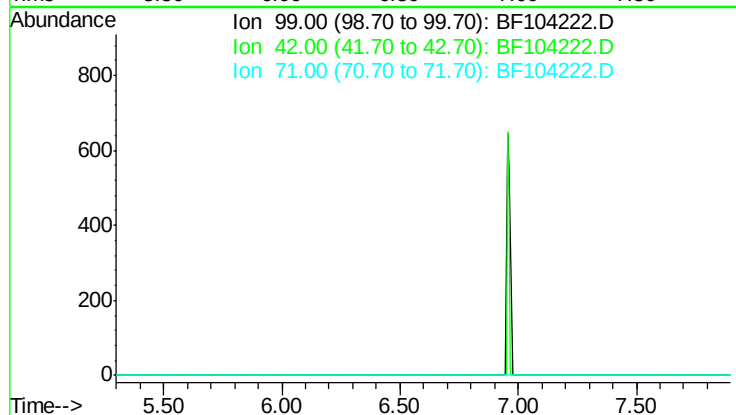




#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.60 min
 Lab File: BF104222.D
 Acq: 4 Apr 2018 11:58

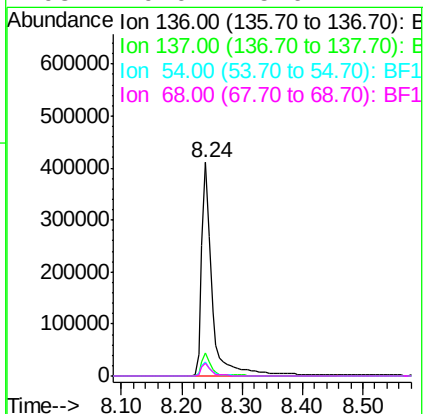
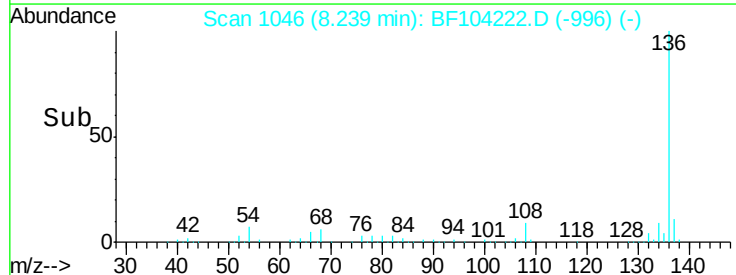
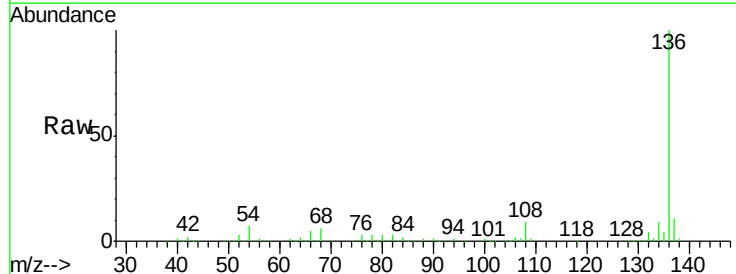
Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW30D-GWDL2

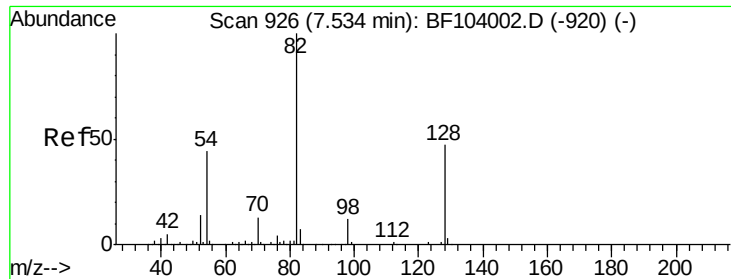
Tot Ion: 99
 Sig Exp Ratio
 99 100
 42 18.1
 71 31.7



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.24 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BF104222.D
 Acq: 4 Apr 2018 11:58

Tgt Ion: 136 Resp: 508804
 Ion Ratio Lower Upper
 136 100
 137 11.1 8.9 13.3
 54 6.6 6.6 9.8
 68 6.0 5.0 7.4

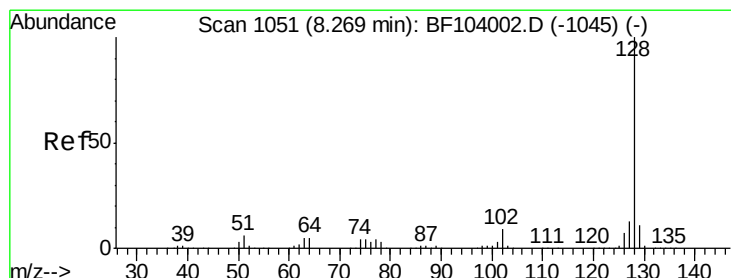
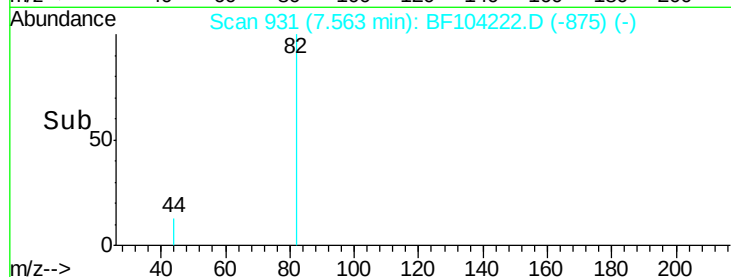
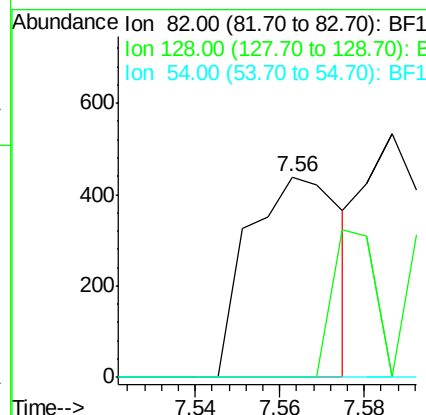
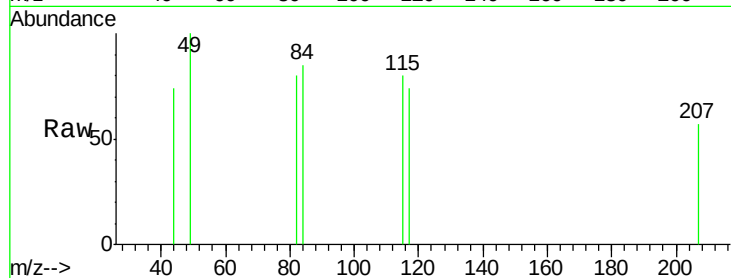




#23
 Nitrobenzene-d5
 Concen: 0.081 ng
 RT: 7.56 min Scan# 931
 Delta R.T. 0.03 min
 Lab File: BF104222.D
 Acq: 4 Apr 2018 11:58

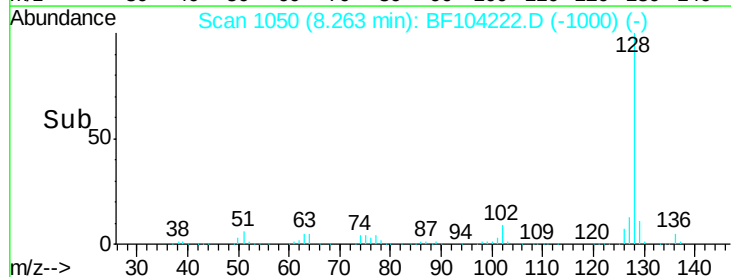
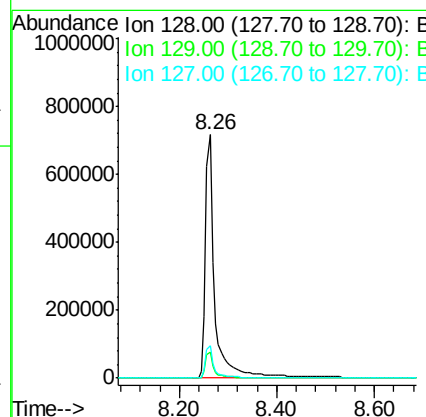
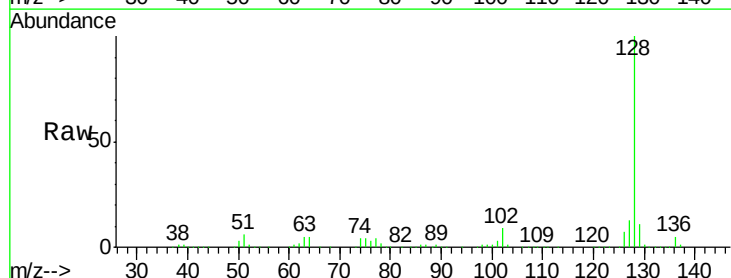
Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW30D-GWDL2

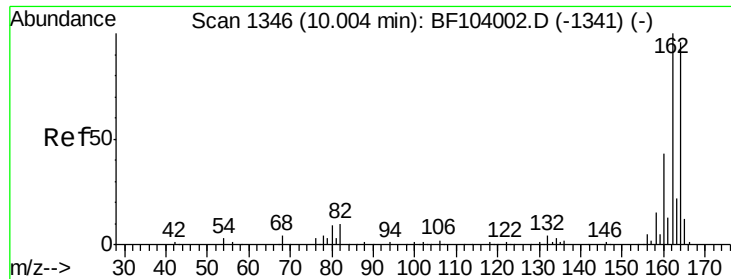
Tot Ion: 82 Resp: 671
 Ion Ratio Lower Upper
 82 100
 128 0.0 36.1 54.1#
 54 0.0 41.4 62.2#



#31
 Naphthalene
 Concen: 38.641 ng
 RT: 8.26 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: BF104222.D
 Acq: 4 Apr 2018 11:58

Tgt Ion: 128 Resp: 960504
 Ion Ratio Lower Upper
 128 100
 129 10.9 8.8 13.2
 127 13.3 10.9 16.3





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF104222.D

Acq: 4 Apr 2018 11:58

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW30D-GWDL2

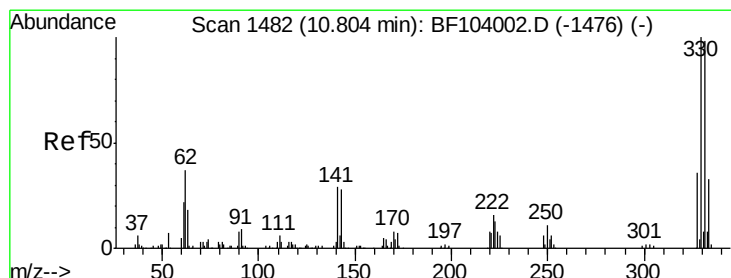
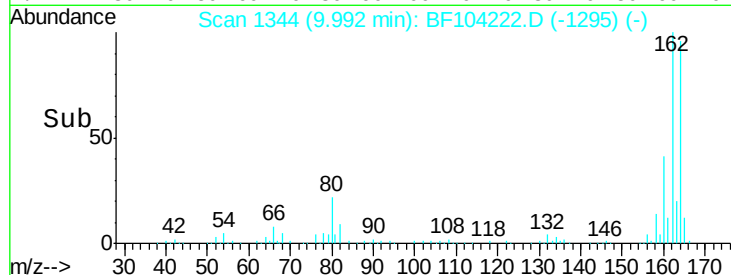
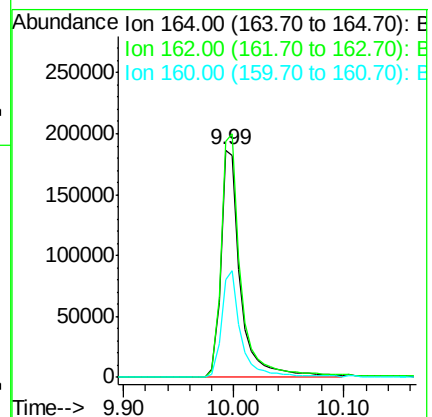
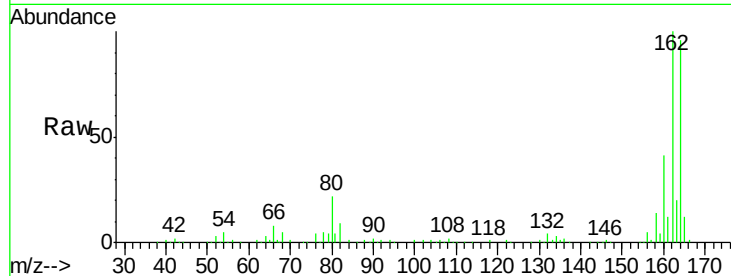
Tot Ion:164 Resp: 231745

Ion Ratio Lower Upper

164 100

162 103.7 86.1 129.1

160 43.0 38.3 57.5



#41

2,4,6-Tribromophenol

Concen: 0.341 ng

RT: 10.80 min Scan# 1481

Delta R.T. -0.00 min

Lab File: BF104222.D

Acq: 4 Apr 2018 11:58

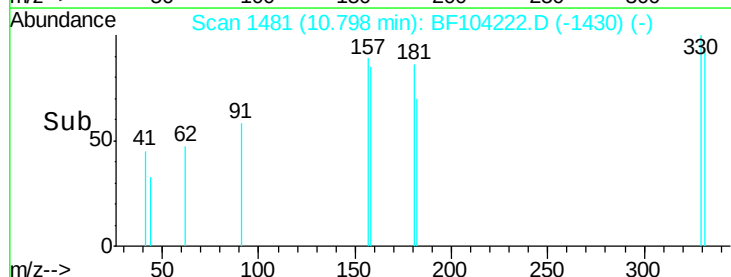
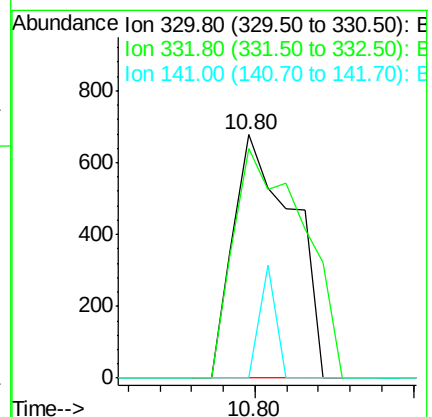
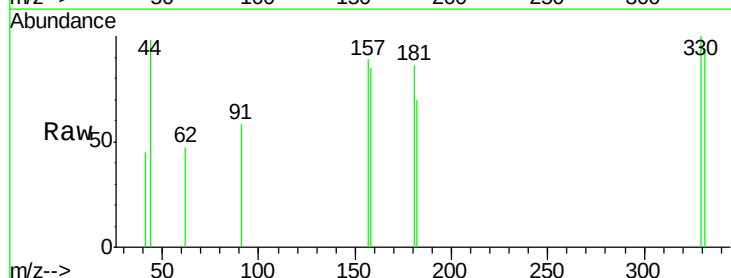
Tgt Ion:330 Resp: 881

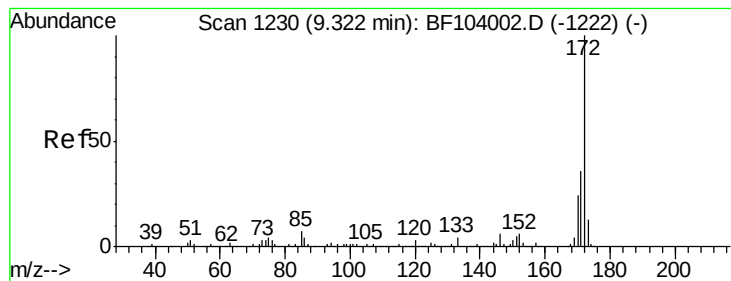
Ion Ratio Lower Upper

330 100

332 111.4 77.0 115.6

141 12.6 29.9 44.9#

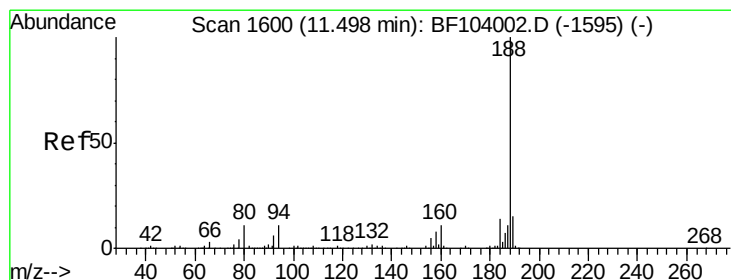
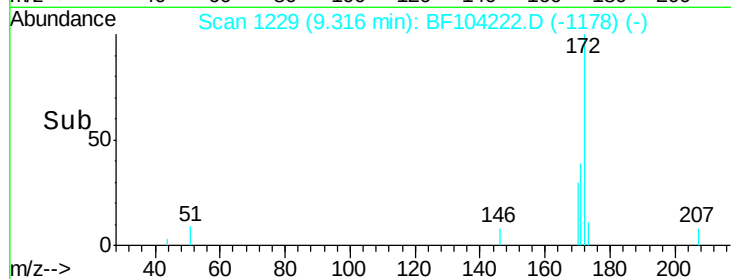
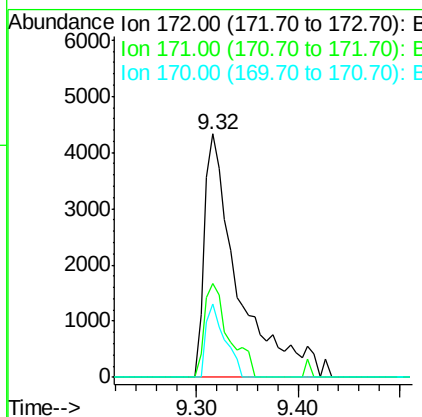
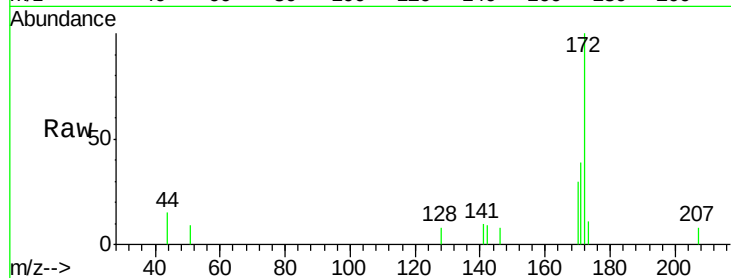




#44
2-Fluorobiphenyl
Concen: 0.684 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.00 min
Lab File: BF104222.D
Acq: 4 Apr 2018 11:58

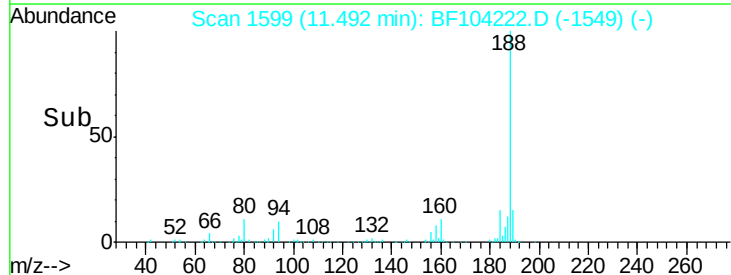
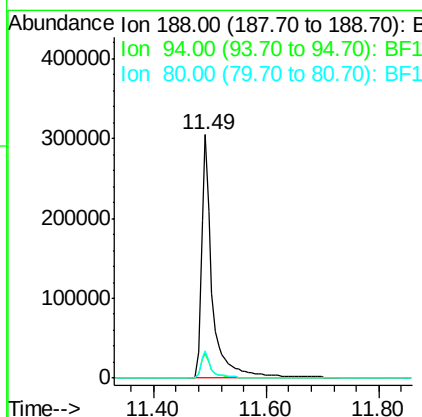
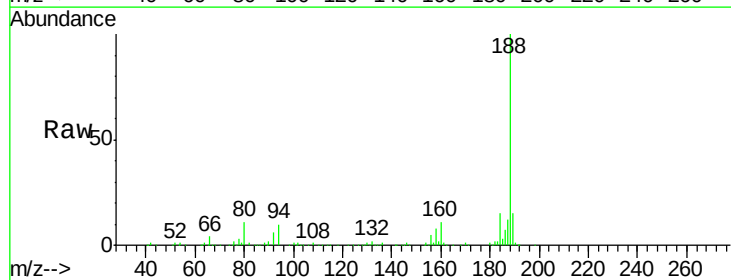
Instrument :
BNA_F
ClientSampleId :
QNWP8-MW30D-GWDL2

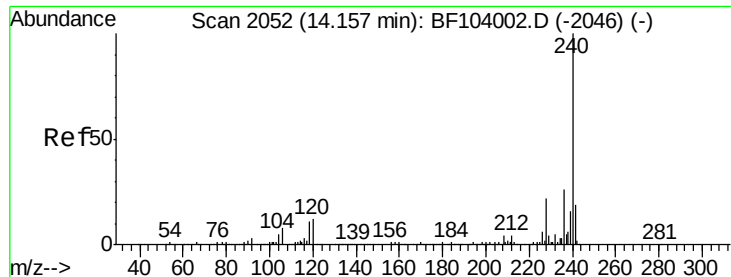
Tot Ion:172 Resp: 10056
Ion Ratio Lower Upper
172 100
171 38.8 29.7 44.5
170 29.9 19.6 29.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF104222.D
Acq: 4 Apr 2018 11:58

Tgt Ion:188 Resp: 406220
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 11.2 9.2 13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BF104222.D

Acq: 4 Apr 2018 11:58

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW30D-GWDL2

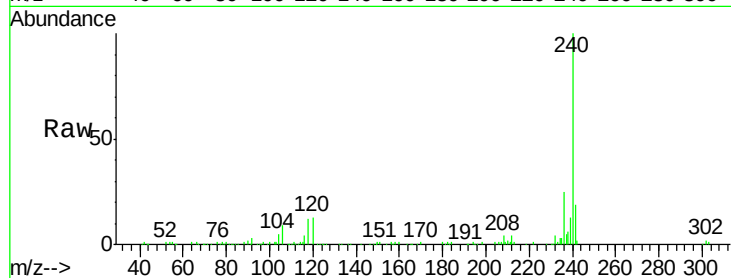
Tot Ion:240 Resp: 245967

Ion Ratio Lower Upper

240 100

120 13.3 9.5 14.3

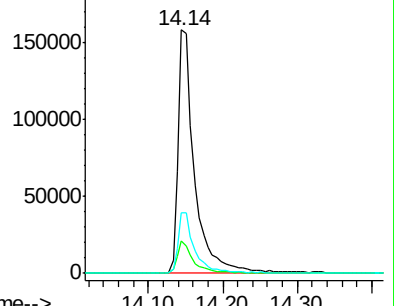
236 25.0 20.7 31.1



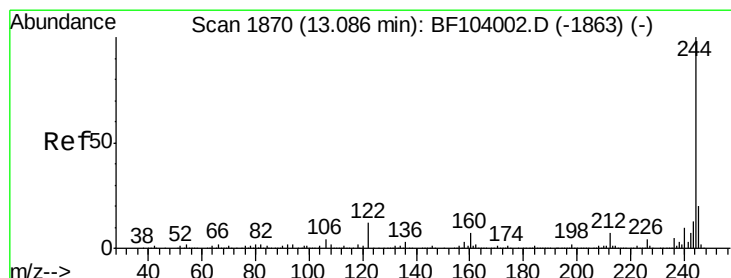
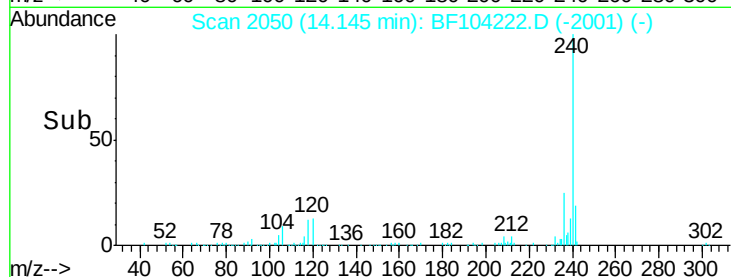
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 0.694 ng

RT: 13.08 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BF104222.D

Acq: 4 Apr 2018 11:58

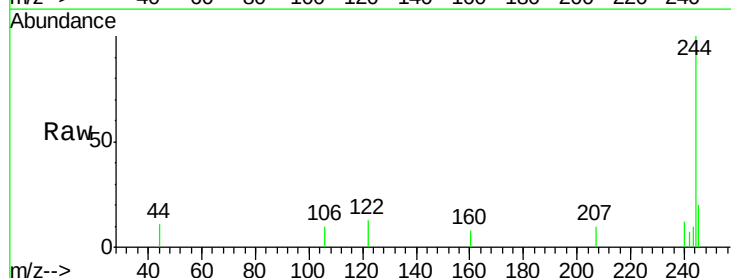
Tgt Ion:244 Resp: 7389

Ion Ratio Lower Upper

244 100

212 0.0 5.4 8.0#

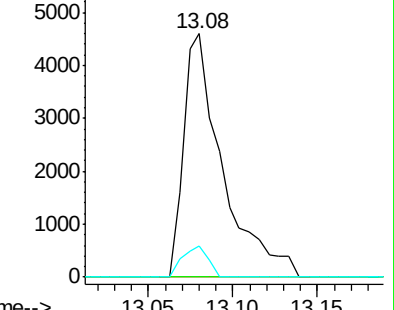
122 12.8 11.0 16.4



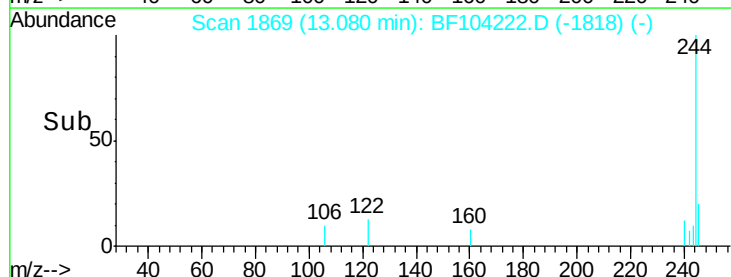
Abundance Ion 244.00 (243.70 to 244.70): E

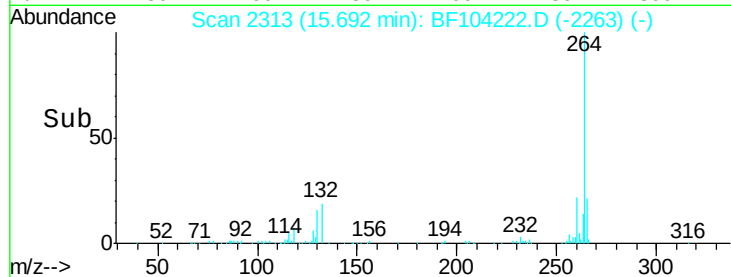
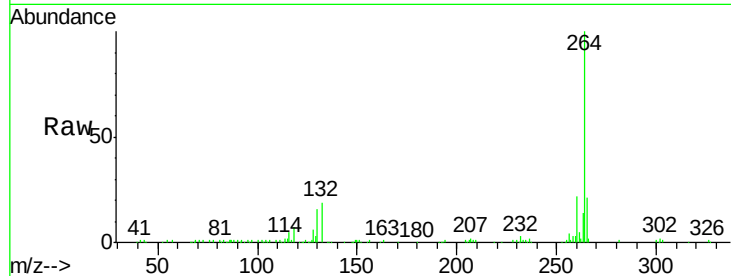
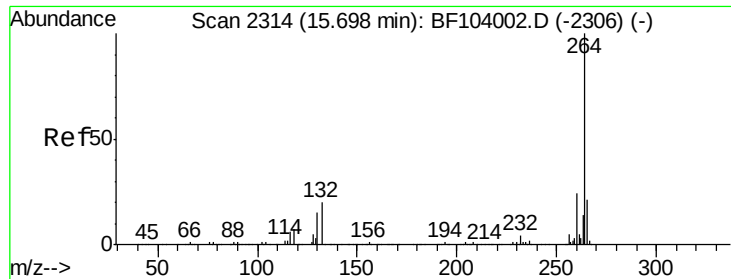
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2313
 Delta R.T. -0.01 min
 Lab File: BF104222.D
 Acq: 4 Apr 2018 11:58

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW30D-GWDL2

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.2	28.8
265	20.8	17.5	26.3

