

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
 Data File : BF110601.D
 Acq On : 8 Nov 2018 22:41
 Operator : JU/SJ
 Sample : J5838-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 09 08:43:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 08 14:14:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	87791	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	356892	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	170443	20.00	ng	-0.01
64) Phenanthrene-d10	11.47	188	334411	20.00	ng	-0.01
76) Chrysene-d12	14.13	240	223743	20.00	ng	-0.01
87) Perylene-d12	15.65	264	175290	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.57	112	570459	105.55	ng	0.00
7) Phenol-d6	6.57	99	743895	107.63	ng	0.00
23) Nitrobenzene-d5	7.51	82	464919	75.02	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	183060	106.59	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	836920	70.13	ng	0.00
79) Terphenyl-d14	13.06	244	851770	71.29	ng	0.00

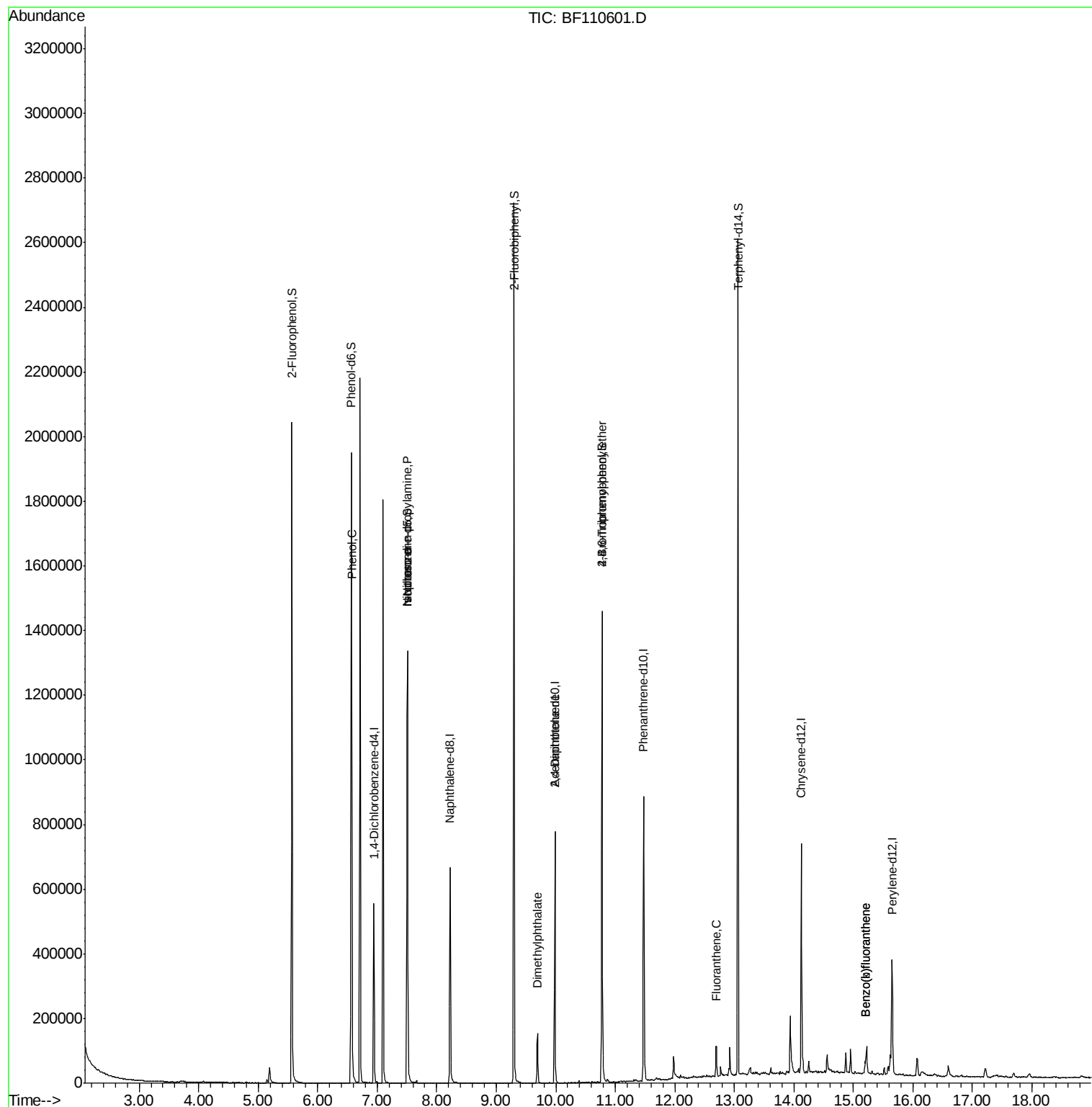
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.57	77	1389	Below Cal	#	1
10) Phenol	6.58	94	37367	4.66	ng	67
19) n-Nitroso-di-n-propylamine	7.51	70	61862	14.02	ng	79
25) Isophorone	7.51	82	464914	45.77	ng	67
50) Dimethylphthalate	9.69	163	69907	5.50	ng	99
57) 2,4-Dinitrotoluene	9.98	165	21260	5.84	ng	18
67) 4-Bromophenyl-phenylether	10.77	248	11431	3.09	ng	1
75) Fluoranthene	12.70	202	41549	2.31	ng	96
88) Benzo(b)fluoranthene	15.20	252	27107	2.58	ng	94
89) Benzo(k)fluoranthene	15.20	252	27107	2.62	ng	93

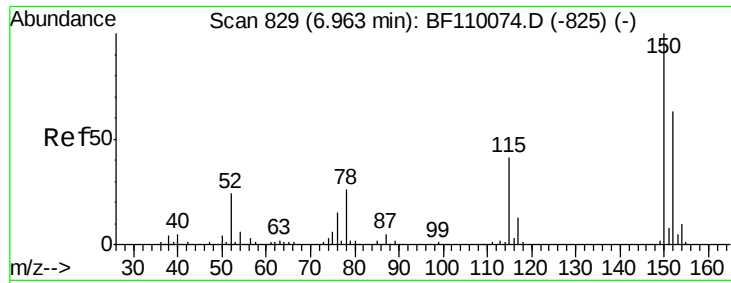
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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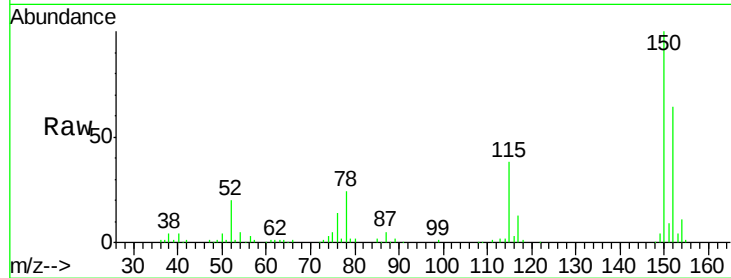


#1

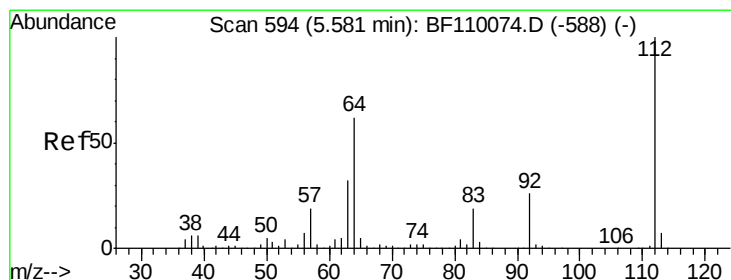
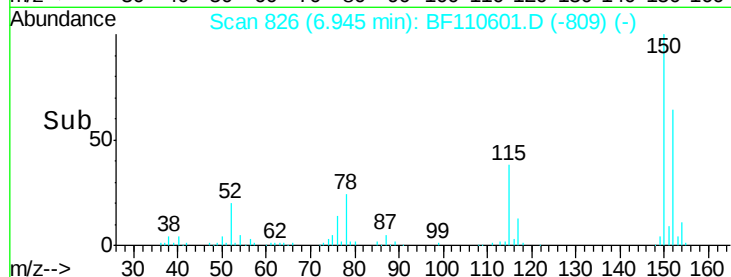
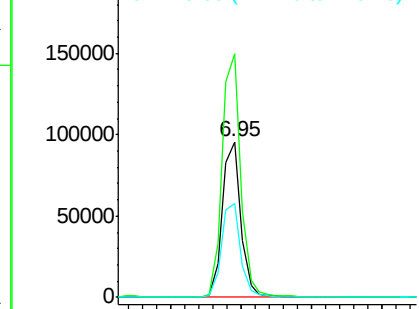
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110601.D
Acq: 8 Nov 2018 22:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 87791
Ion Ratio Lower Upper
152 100
150 156.6 122.7 184.1
115 60.1 49.1 73.7



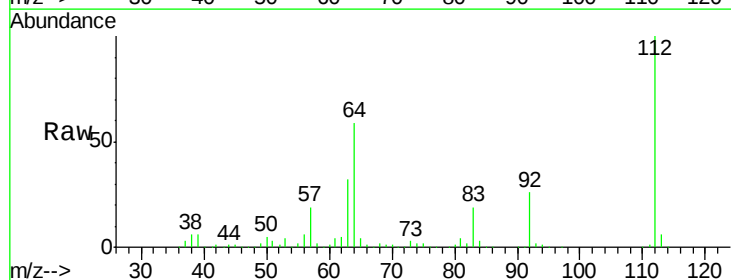
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



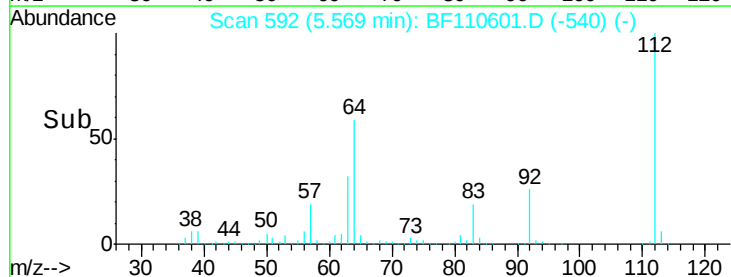
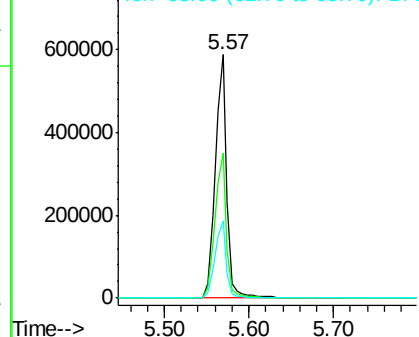
#5

2-Fluorophenol
Concen: 105.55 ng
RT: 5.57 min Scan# 592
Delta R.T. 0.01 min
Lab File: BF110601.D
Acq: 8 Nov 2018 22:41

Tgt Ion:112 Resp: 570459
Ion Ratio Lower Upper
112 100
64 59.3 44.1 66.1
63 31.7 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: 107.63 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110601.D

Acq: 8 Nov 2018 22:41

Instrument :

BNA_F

ClientSampleId :

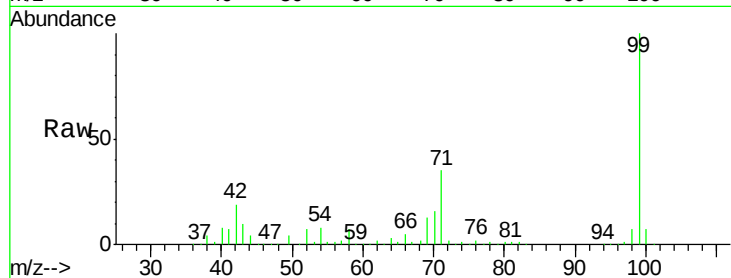
Tot Ion: 99 Resp: 743895

Ion Ratio Lower Upper

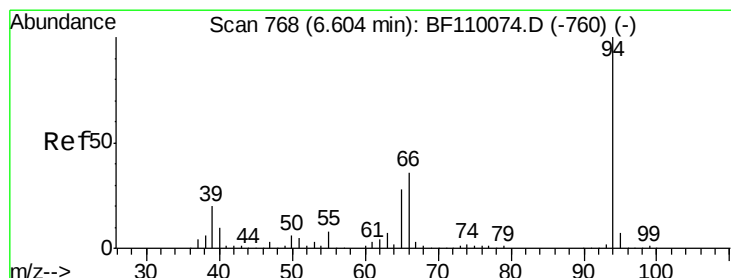
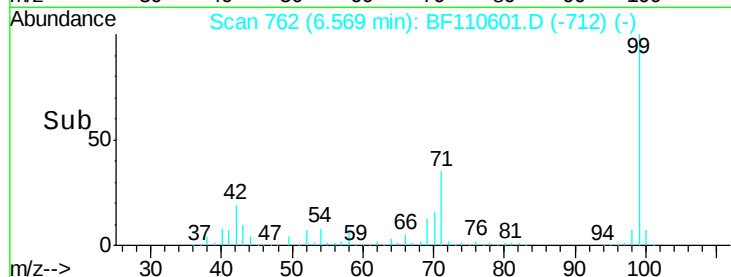
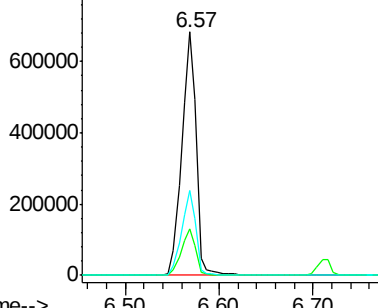
99 100

42 19.3 15.8 23.6

71 34.7 28.0 42.0



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



#10

Phenol

Concen: 4.66 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110601.D

Acq: 8 Nov 2018 22:41

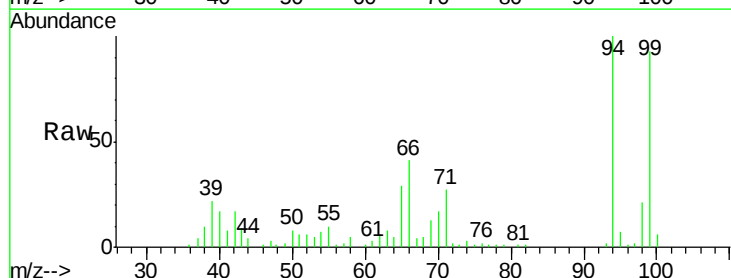
Tgt Ion: 94 Resp: 37367

Ion Ratio Lower Upper

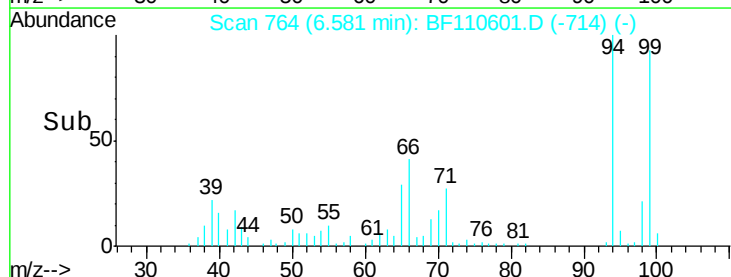
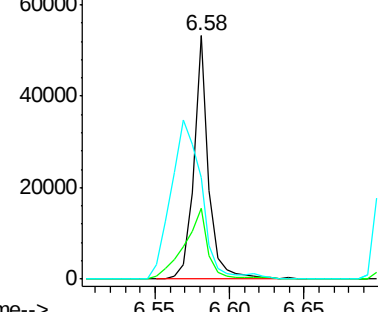
94 100

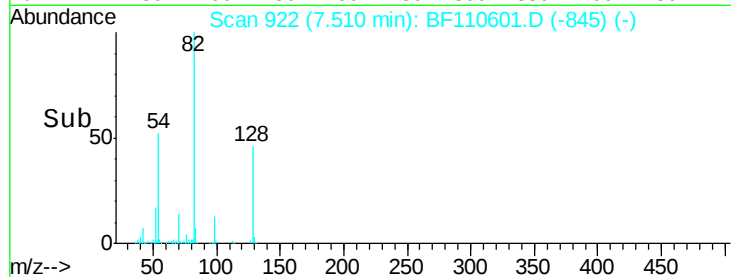
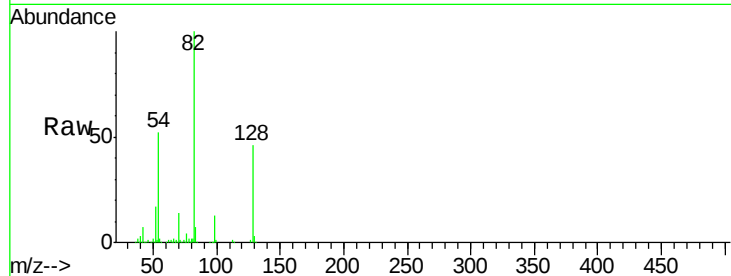
65 29.3 25.3 65.3

66 41.5 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

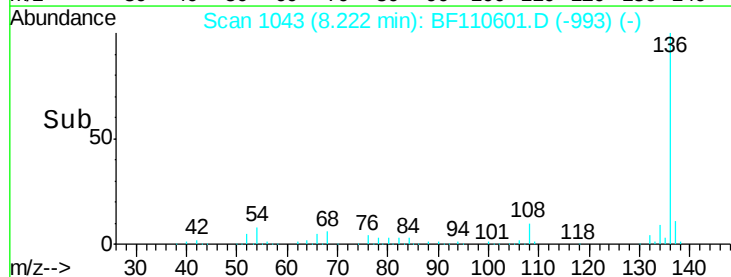
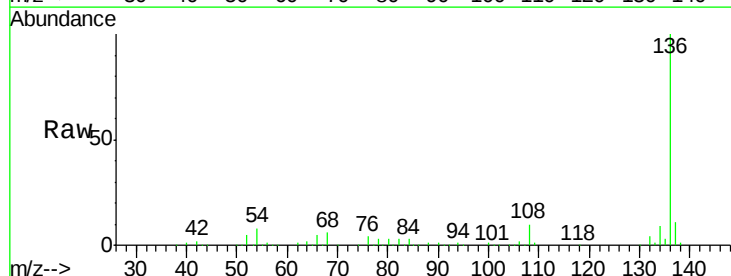
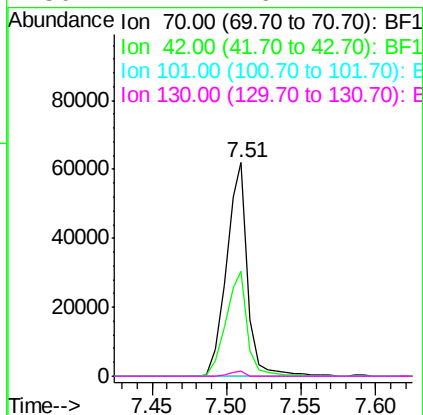




#19
n-Nitroso-di-n-propylamine
Concen: 14.02 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF110601.D
Acq: 8 Nov 2018 22:41

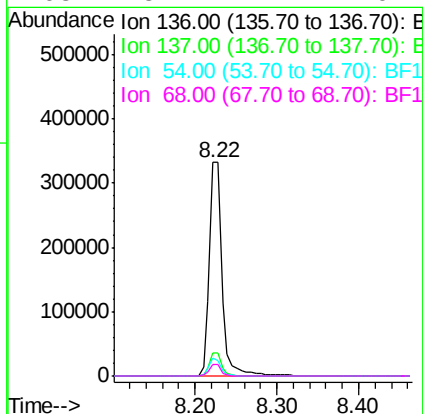
Instrument :
BNA_F
ClientSampled :

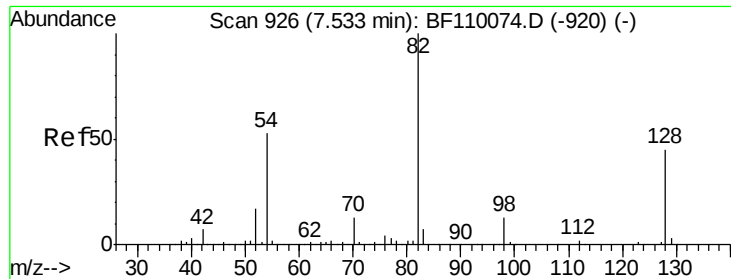
Tot Ion: 70 Resp: 61862
Ion Ratio Lower Upper
70 100
42 49.1 47.4 71.2
101 0.0 7.3 10.9#
130 2.1 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110601.D
Acq: 8 Nov 2018 22:41

Tgt Ion: 136 Resp: 356892
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.4 5.4 8.2#
68 5.7 4.2 6.2





#23

Nitrobenzene-d5

Concen: 75.02 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF110601.D

Acq: 8 Nov 2018 22:41

Instrument :

BNA_F

ClientSampled :

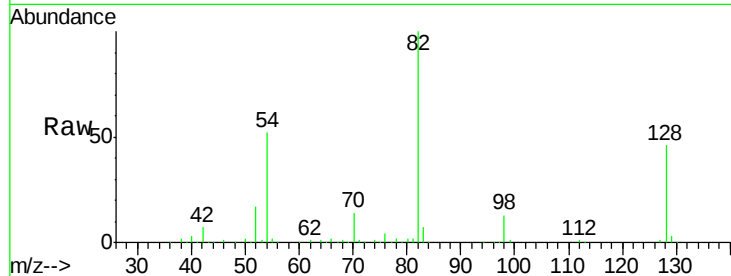
Tot Ion: 82 Resp: 464919

Ion Ratio Lower Upper

82 100

128 45.8 34.2 51.2

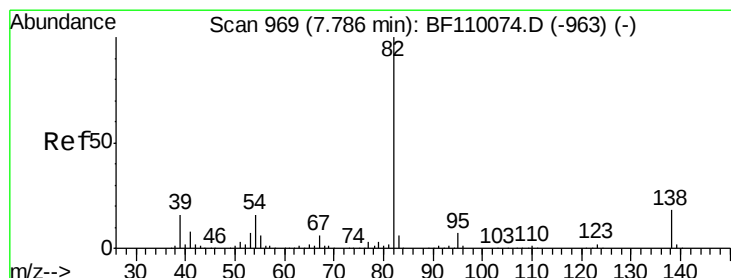
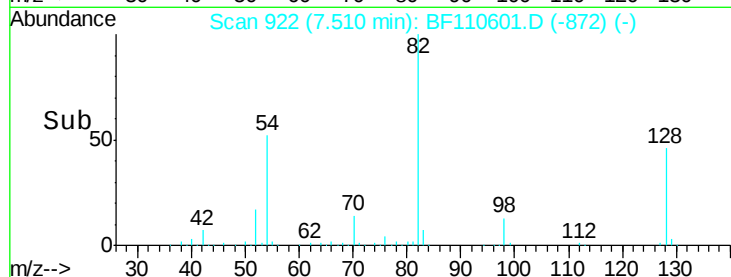
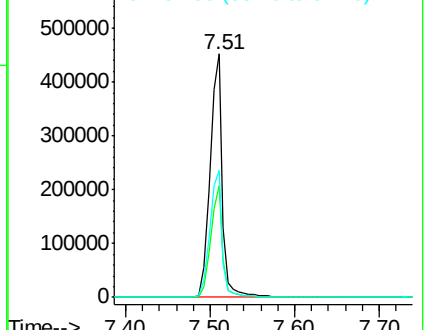
54 52.3 38.6 58.0



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



#25

Isophorone

Concen: 45.77 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.26 min

Lab File: BF110601.D

Acq: 8 Nov 2018 22:41

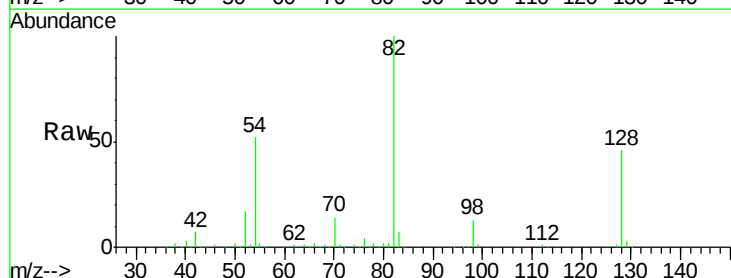
Tgt Ion: 82 Resp: 464914

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

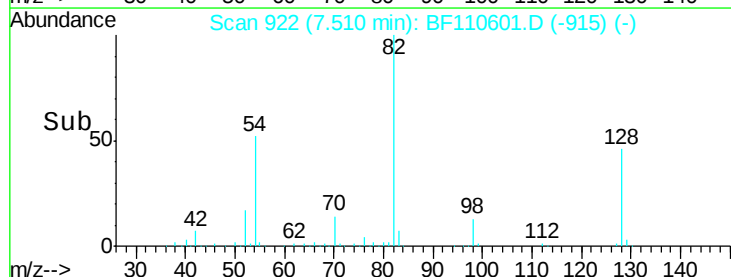
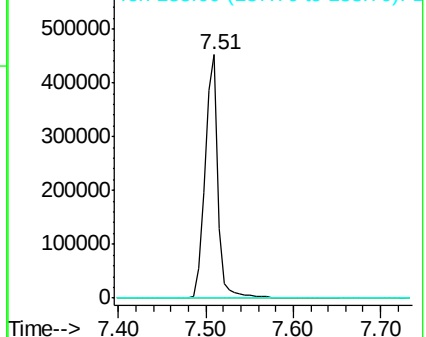
138 0.0 13.2 19.8#

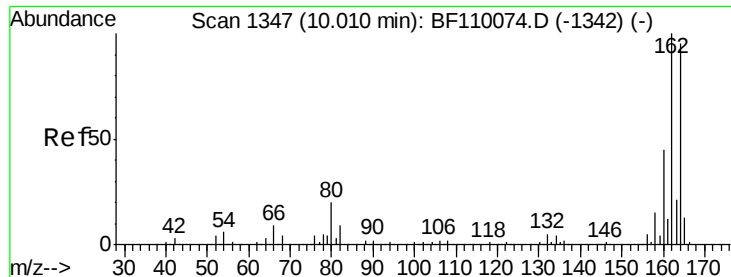


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF110601.D

Acq: 8 Nov 2018 22:41

Instrument :

BNA_F

ClientSampled :

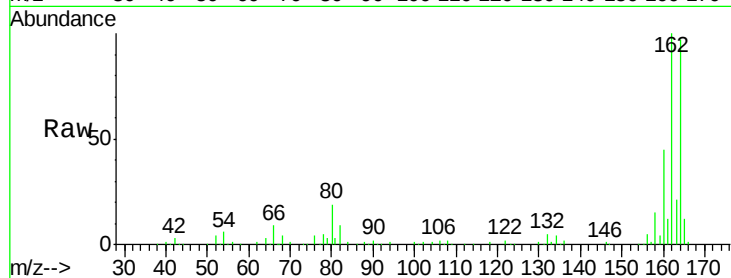
Tot Ion:164 Resp: 170443

Ion Ratio Lower Upper

164 100

162 103.2 83.0 124.6

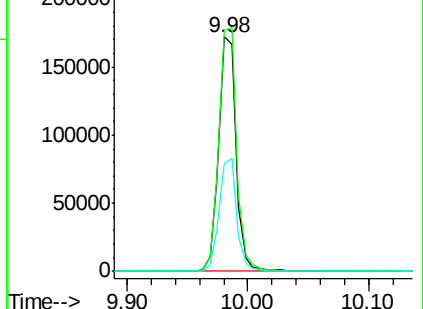
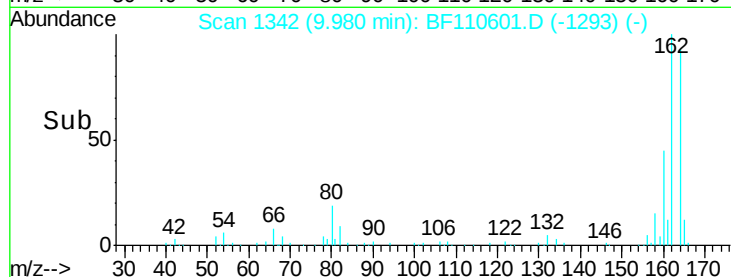
160 46.0 37.0 55.6



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



#42

2,4,6-Tribromophenol

Concen: 106.59 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF110601.D

Acq: 8 Nov 2018 22:41

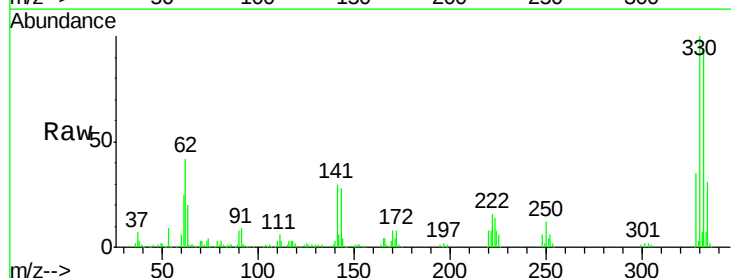
Tgt Ion:330 Resp: 183060

Ion Ratio Lower Upper

330 100

332 94.0 77.1 115.7

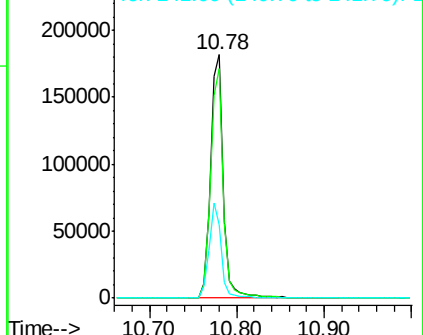
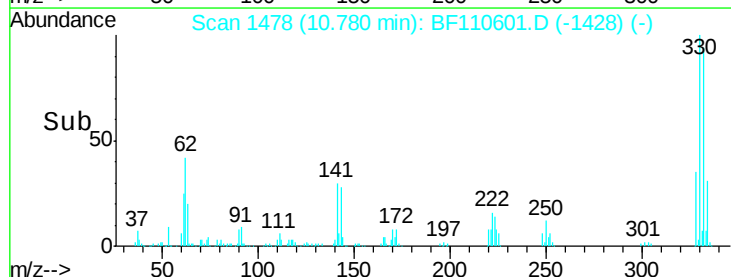
141 37.6 27.0 40.4



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

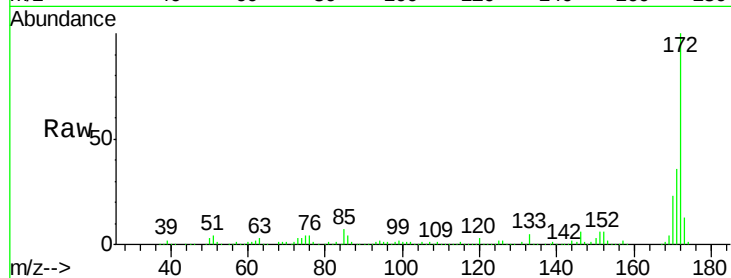




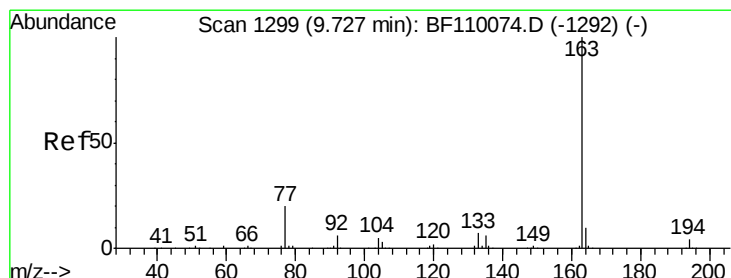
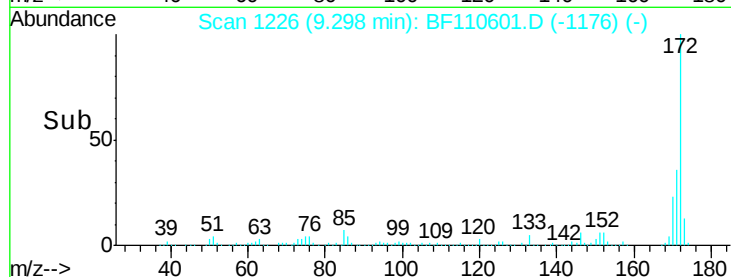
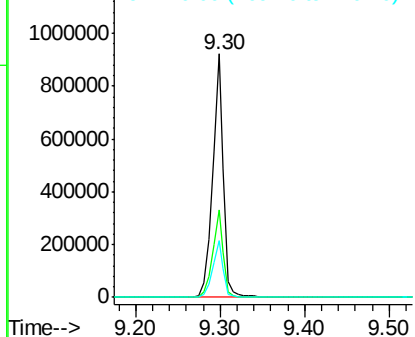
#45
2-Fluorobiphenyl
Concen: 70.13 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110601.D
Acq: 8 Nov 2018 22:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 836920
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 23.3 19.7 29.5

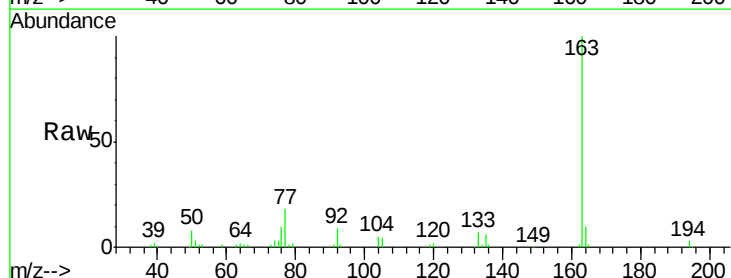


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

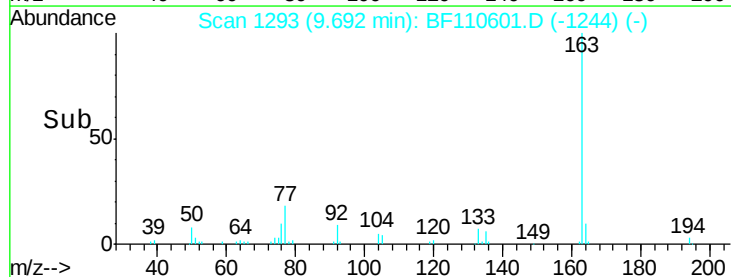
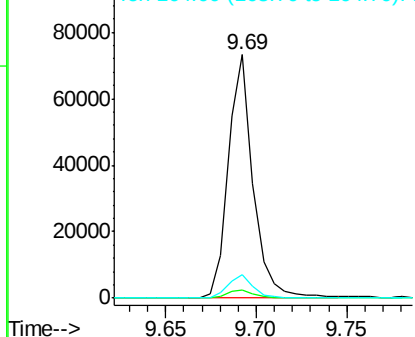


#50
Dimethylphthalate
Concen: 5.50 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110601.D
Acq: 8 Nov 2018 22:41

Tgt Ion:163 Resp: 69907
Ion Ratio Lower Upper
163 100
194 3.4 3.2 4.8
164 9.8 8.1 12.1



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

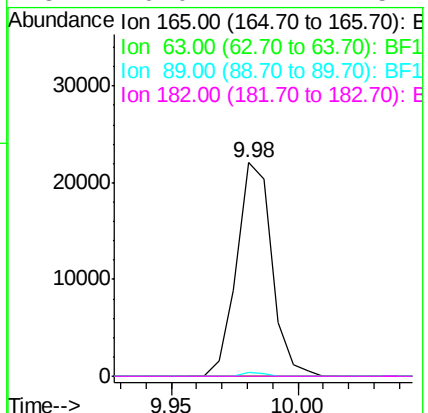
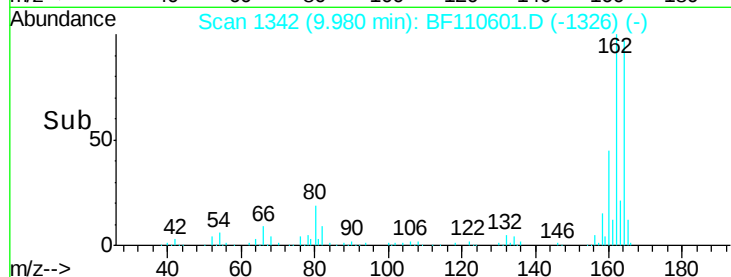
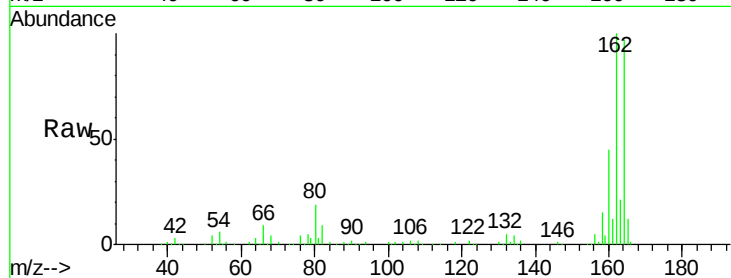




#57
2,4-Dinitrotoluene
Concen: 5.84 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.21 min
Lab File: BF110601.D
Acq: 8 Nov 2018 22:41

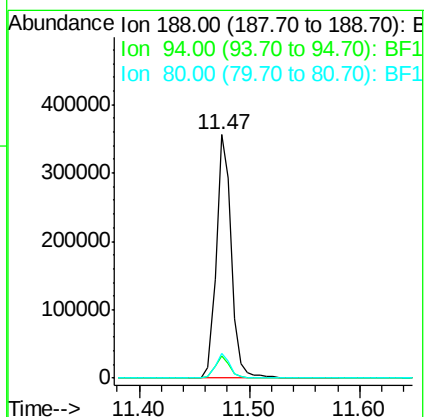
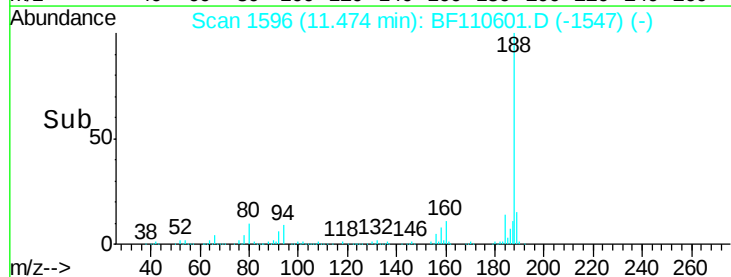
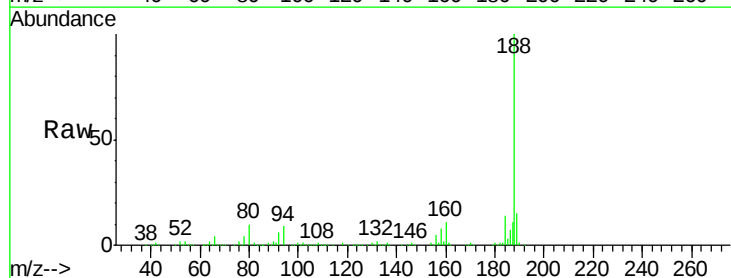
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	1.9	62.2	93.4#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.01 min
Lab File: BF110601.D
Acq: 8 Nov 2018 22:41

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	10.0	7.9	11.9

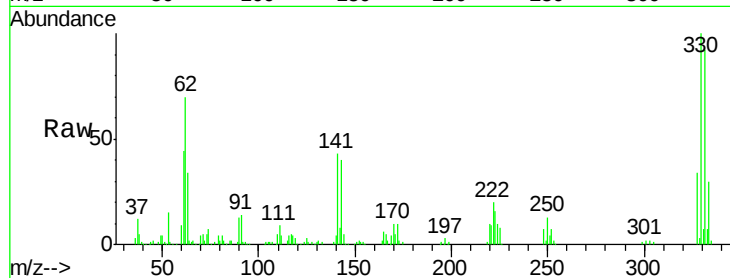




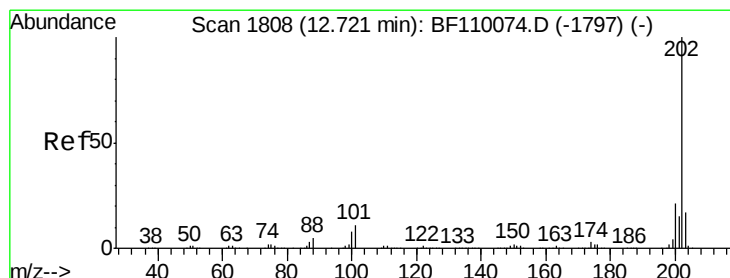
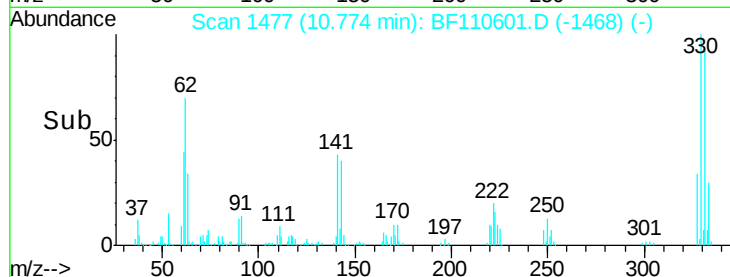
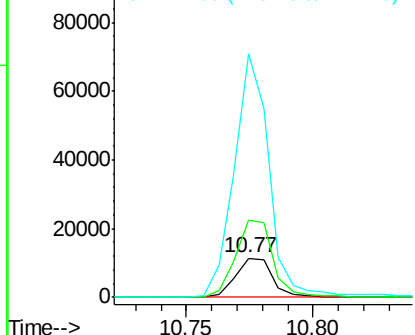
#67
 4-Bromophenyl-phenylether
 Concen: 3.09 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. -0.25 min
 Lab File: BF110601.D
 Acq: 8 Nov 2018 22:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 11431
 Ion Ratio Lower Upper
 248 100
 250 197.2 79.4 119.2#
 141 626.5 55.9 83.9#

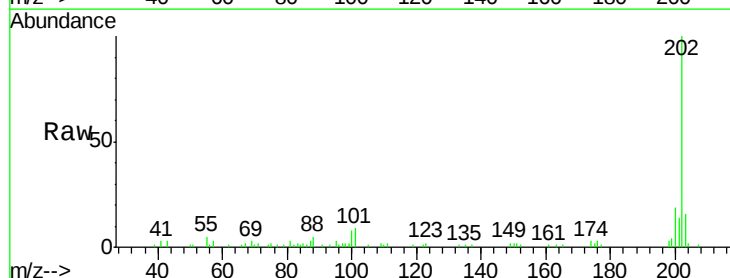


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

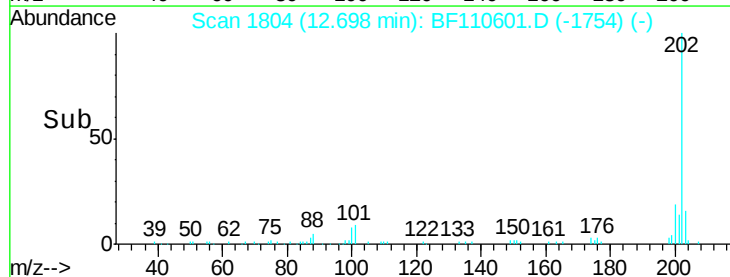
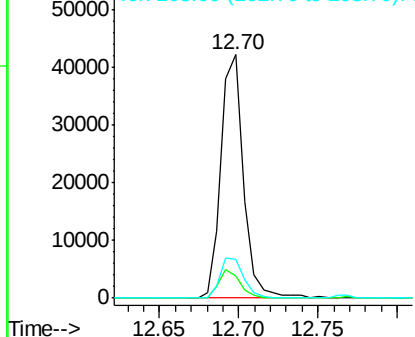


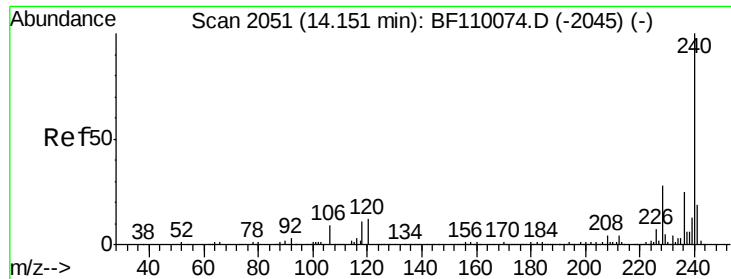
#75
 Fluoranthene
 Concen: 2.31 ng
 RT: 12.70 min Scan# 1804
 Delta R.T. -0.01 min
 Lab File: BF110601.D
 Acq: 8 Nov 2018 22:41

Tgt Ion:202 Resp: 41549
 Ion Ratio Lower Upper
 202 100
 101 9.3 0.0 31.4
 203 16.2 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

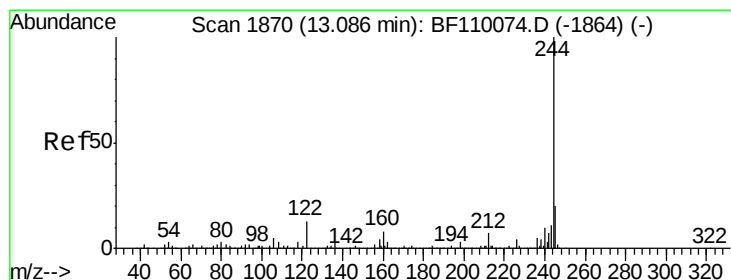
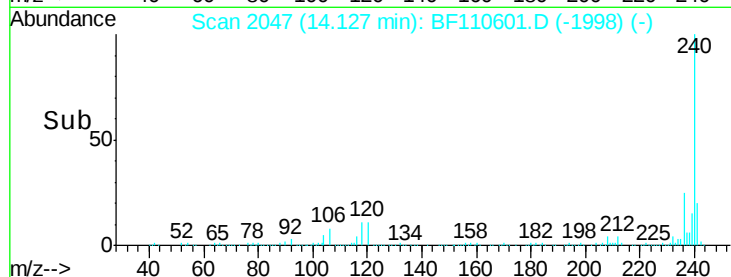
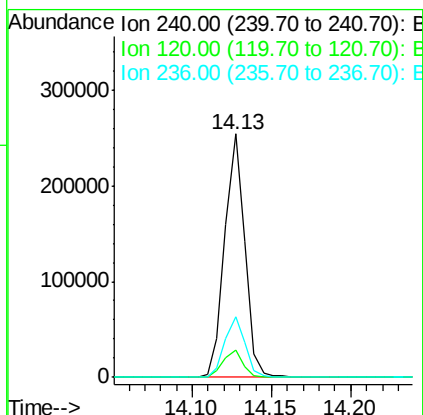
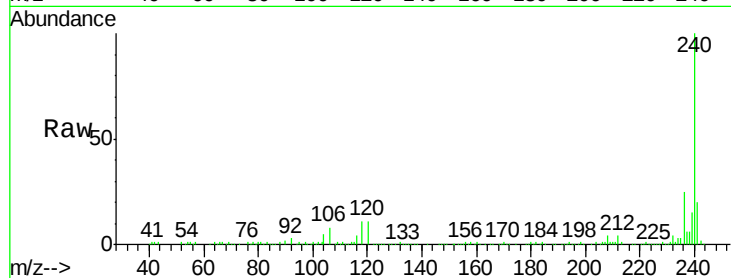




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110601.D
Acq: 8 Nov 2018 22:41

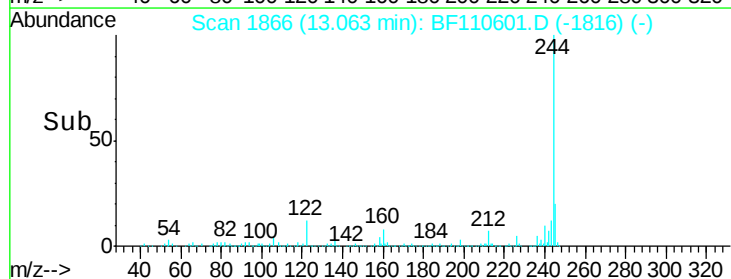
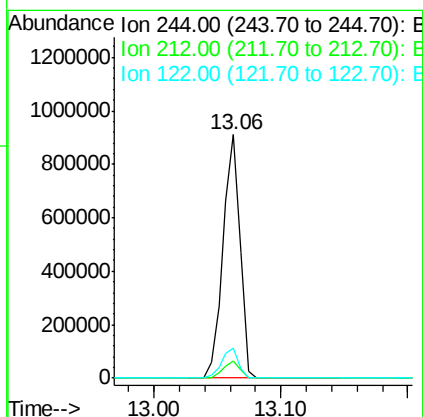
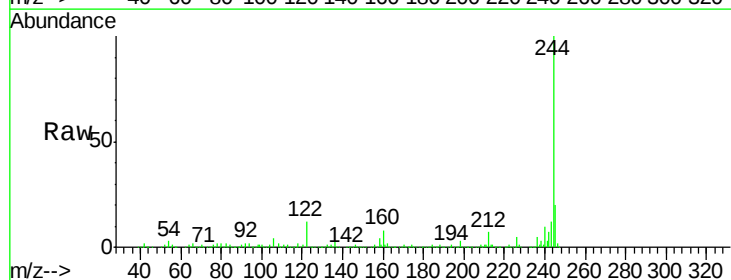
Instrument :
BNA_F
ClientSampleId :

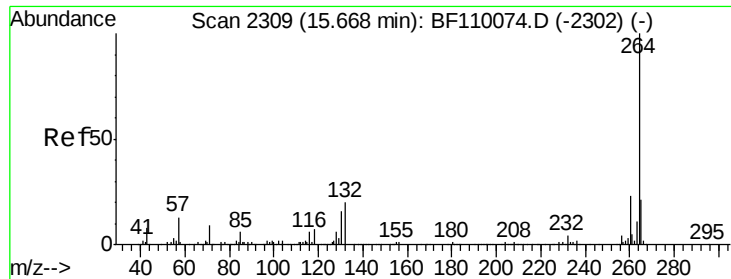
Tot Ion:240 Resp: 223743
Ion Ratio Lower Upper
240 100
120 11.4 8.3 12.5
236 24.9 21.2 31.8



#79
Terphenyl-d14
Concen: 71.29 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110601.D
Acq: 8 Nov 2018 22:41

Tgt Ion:244 Resp: 851770
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 12.4 8.7 13.1

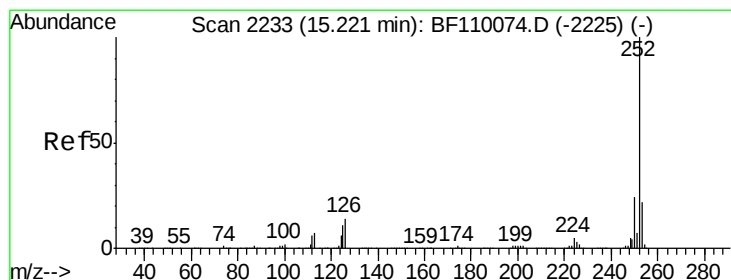
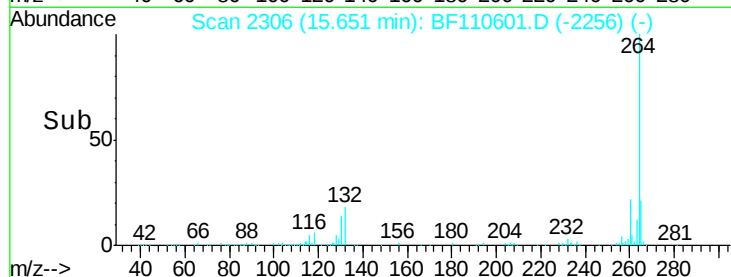
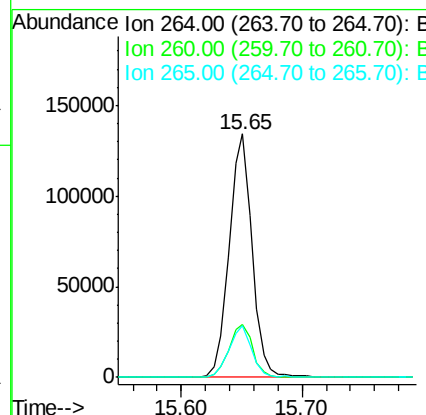
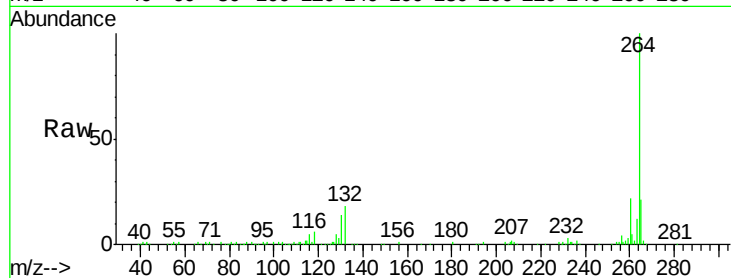




#87
Pervlene-d12
Concen: 20.00 ng
RT: 15.65 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BF110601.D
Acq: 8 Nov 2018 22:41

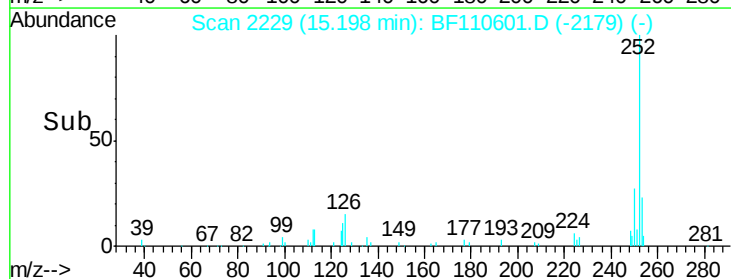
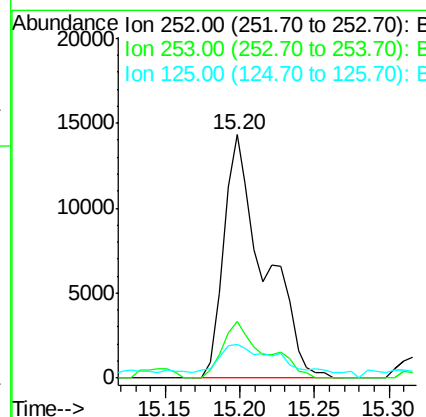
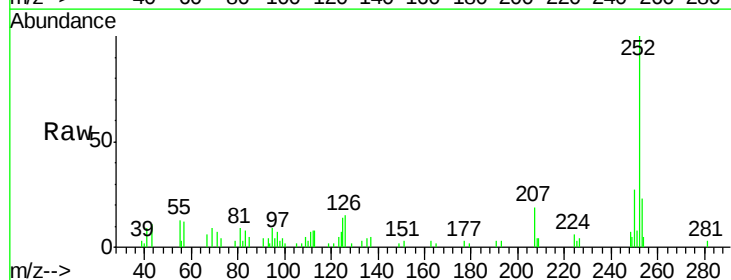
Instrument :
BNA_F
ClientSampleId :

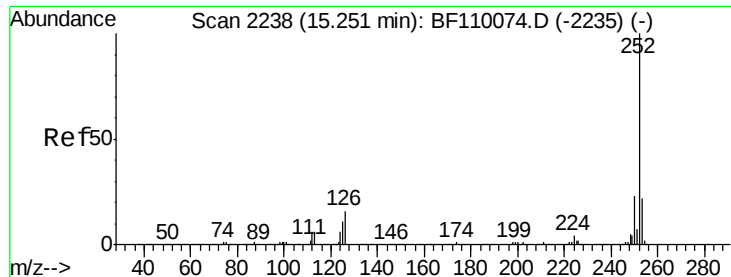
Tot Ion:264 Resp: 175290
Ion Ratio Lower Upper
264 100
260 21.8 18.7 28.1
265 21.4 16.7 25.1



#88
Benzo(b)fluoranthene
Concen: 2.58 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF110601.D
Acq: 8 Nov 2018 22:41

Tgt Ion:252 Resp: 27107
Ion Ratio Lower Upper
252 100
253 23.2 17.2 25.8
125 14.0 8.2 12.4#





#89

Benzo(k)fluoranthene

Concen: 2.62 ng

RT: 15.20 min Scan# 2229

Delta R.T. -0.04 min

Lab File: BF110601.D

Acq: 8 Nov 2018 22:41

Instrument :

BNA_F

ClientSampleId :

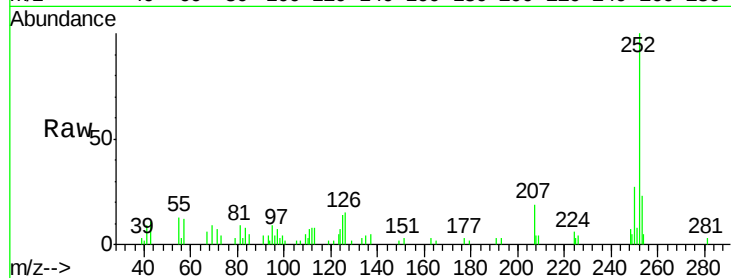
Tot Ion:252 Resp: 27107

Ion Ratio Lower Upper

252 100

253 23.2 17.2 25.8

125 14.0 7.4 11.0#



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

