

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
 Data File : BF110608.D
 Acq On : 9 Nov 2018 1:50
 Operator : JU/SJ
 Sample : J3859-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 09 08:44:52 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

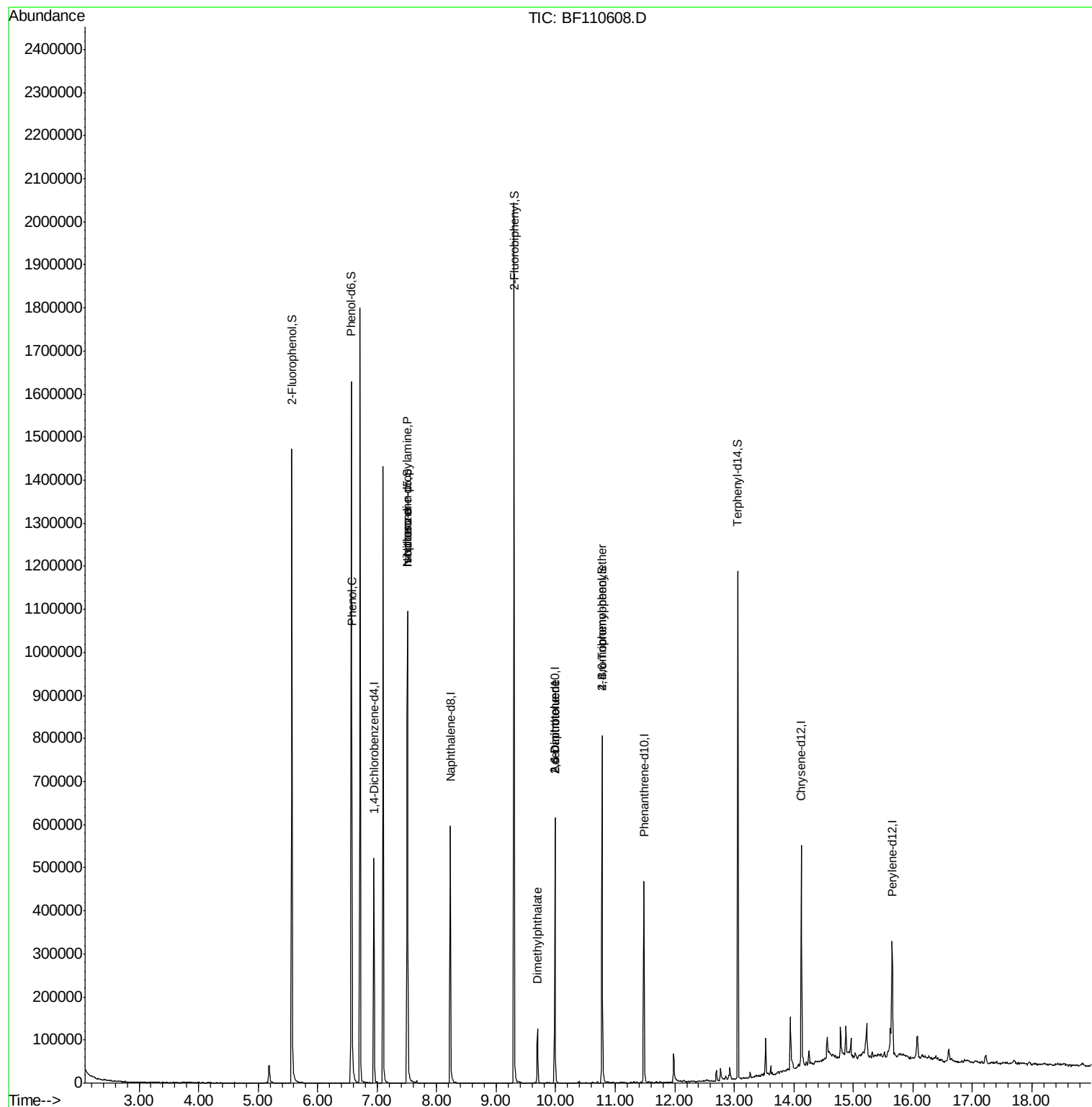
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	75032	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	294286	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	119963	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	181025	20.00	ng	0.00
76) Chrysene-d12	14.13	240	153091	20.00	ng	-0.01
87) Perylene-d12	15.65	264	118767	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	448499	97.09	ng	0.00
7) Phenol-d6	6.57	99	571650	96.78	ng	0.00
23) Nitrobenzene-d5	7.51	82	355265	69.52	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	97841	80.94	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	600951	71.54	ng	0.00
79) Terphenyl-d14	13.06	244	407546	49.86	ng	0.00
Target Compounds						
10) Phenol	6.58	94	31706	4.63	ng	# 66
19) n-Nitroso-di-n-propylamine	7.51	70	45751	12.13	ng	# 81
25) Isophorone	7.51	82	355263	42.42	ng	# 67
50) Dimethylphthalate	9.69	163	55446	6.19	ng	98
51) 2,6-Dinitrotoluene	9.99	165	14872	7.55	ng	# 21
57) 2,4-Dinitrotoluene	9.99	165	14872	5.81	ng	# 17
67) 4-Bromophenyl-phenylether	10.77	248	6266	3.13	ng	# 1

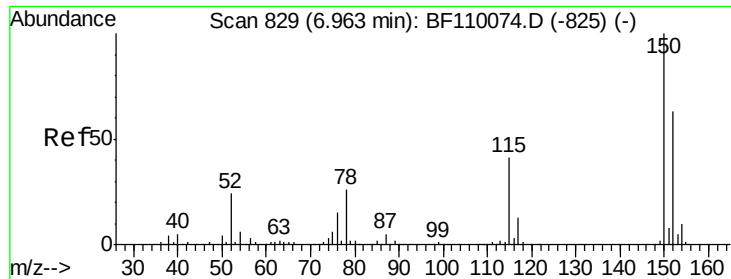
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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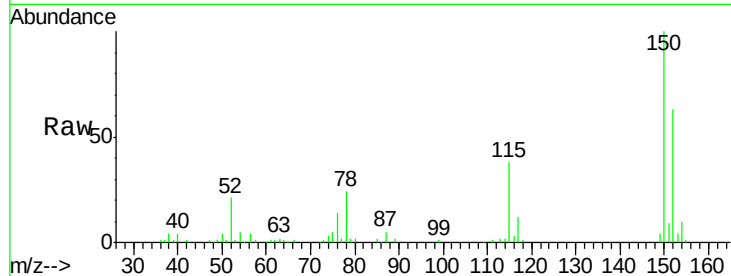


#1

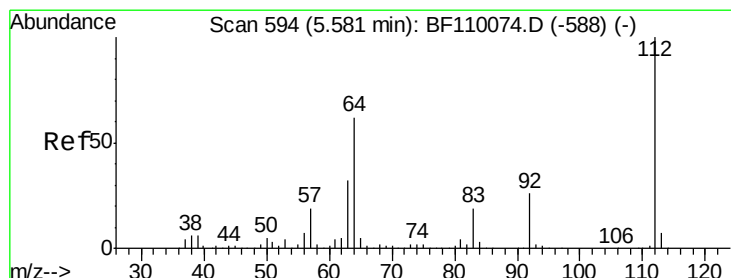
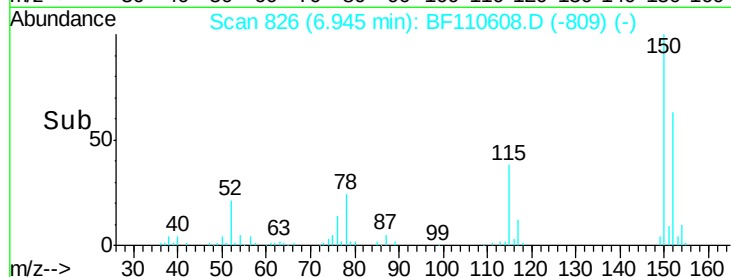
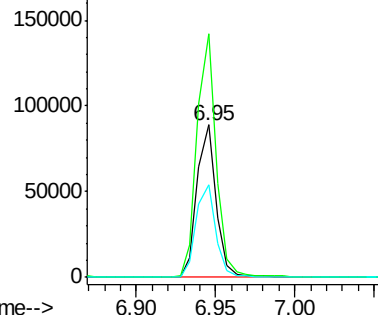
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110608.D
Acq: 9 Nov 2018 1:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 75032
Ion Ratio Lower Upper
152 100
150 159.6 122.7 184.1
115 61.0 49.1 73.7



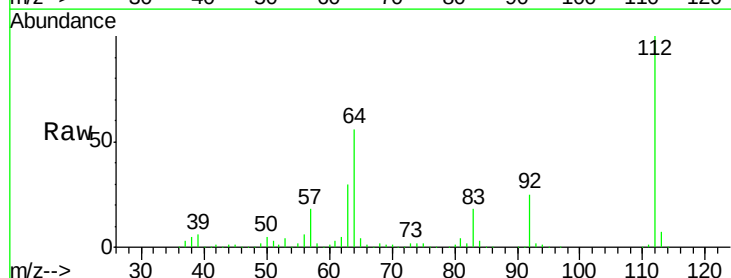
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



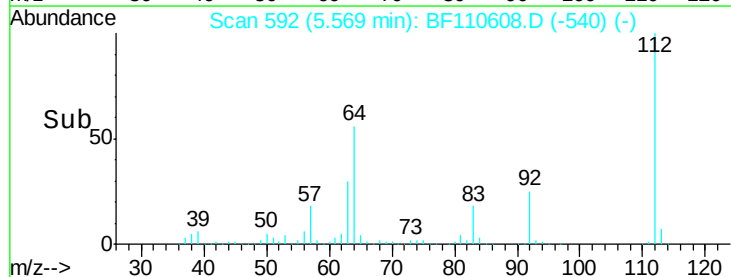
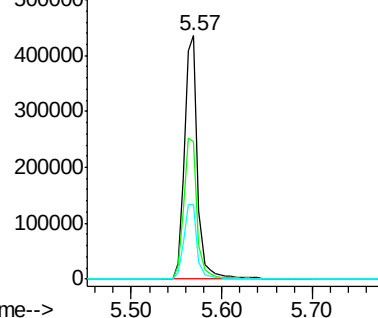
#5

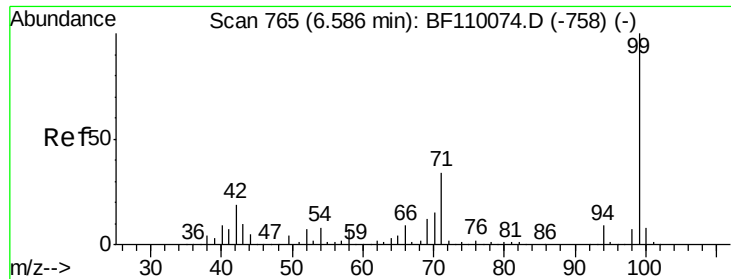
2-Fluorophenol
Concen: 97.09 ng
RT: 5.57 min Scan# 592
Delta R.T. 0.01 min
Lab File: BF110608.D
Acq: 9 Nov 2018 1:50

Tgt Ion:112 Resp: 448499
Ion Ratio Lower Upper
112 100
64 56.5 44.1 66.1
63 30.5 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: 96.78 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110608.D

Acq: 9 Nov 2018 1:50

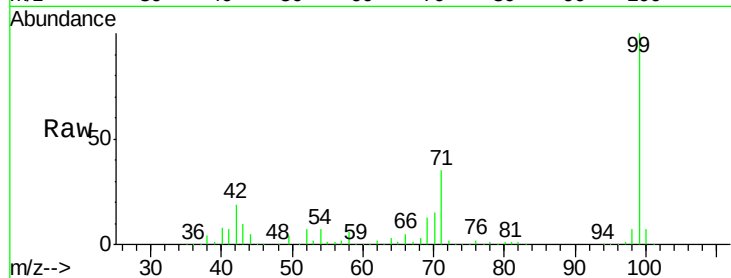
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 571650

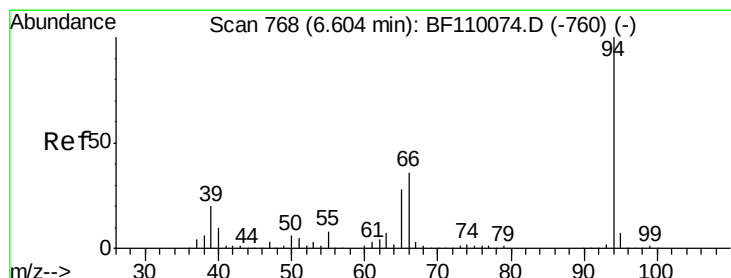
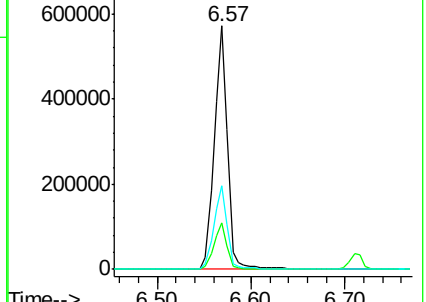
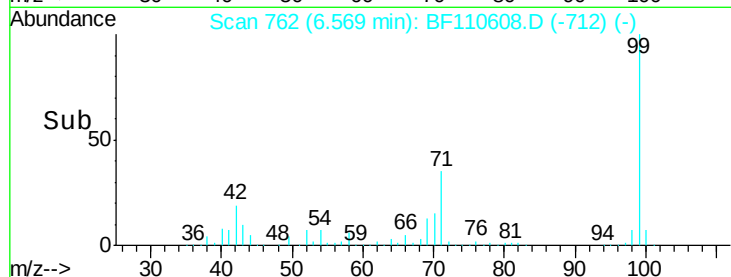
Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.8	23.6
71	34.5	28.0	42.0



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: 4.63 ng

RT: 6.58 min Scan# 764

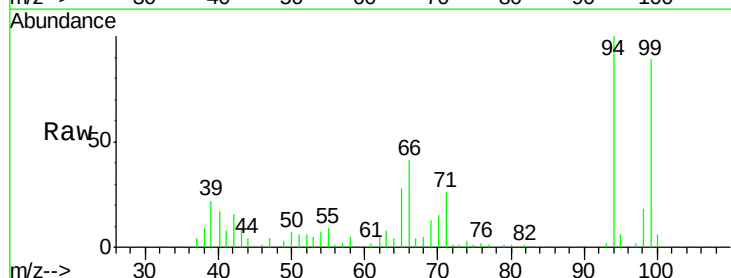
Delta R.T. -0.01 min

Lab File: BF110608.D

Acq: 9 Nov 2018 1:50

Tgt Ion: 94 Resp: 31706

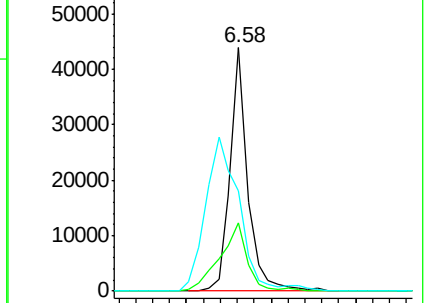
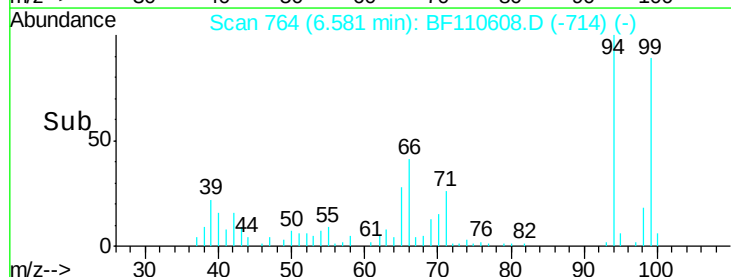
Ion	Ratio	Lower	Upper
94	100		
65	28.2	25.3	65.3
66	41.2	54.5	94.5#

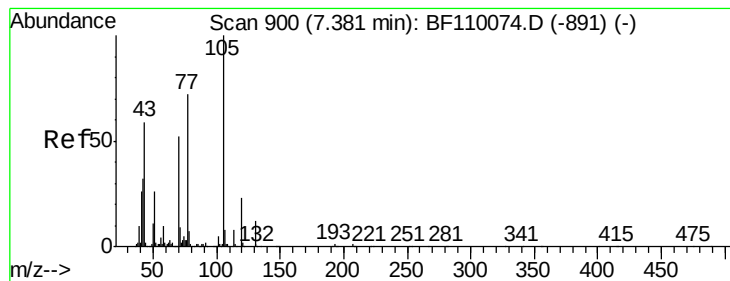


Abundance Ion 94.00 (93.70 to 94.70): BF1

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: 12.13 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.15 min

Lab File: BF110608.D

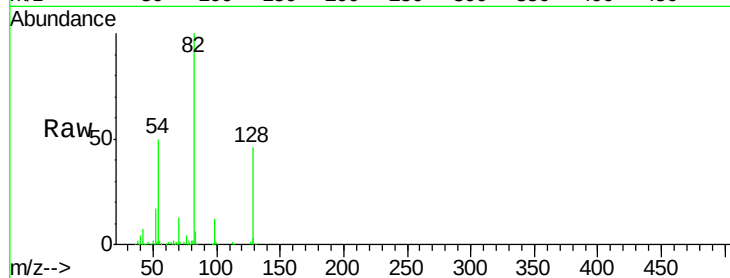
Acq: 9 Nov 2018 1:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	70	Resp:	45751
Ion	Ratio	Lower	Upper
70	100		
42	51.1	47.4	71.2
101	0.0	7.3	10.9#
130	2.2	16.2	24.2#

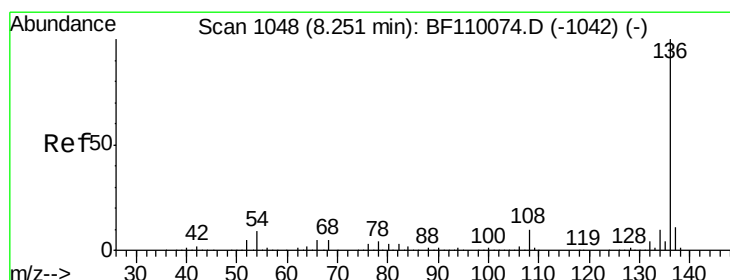
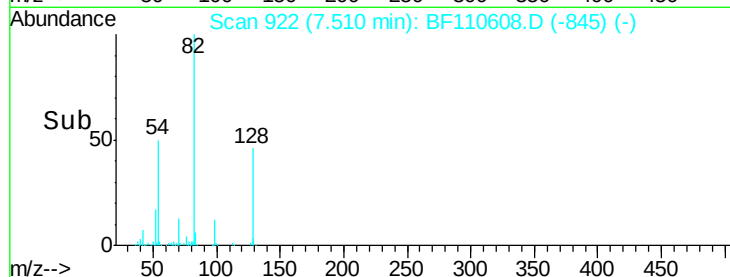
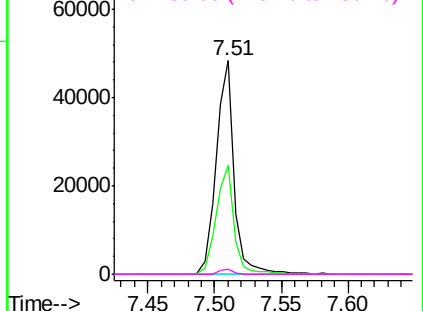


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#21

Naphthalene-d8

Concen: 20.00 ng

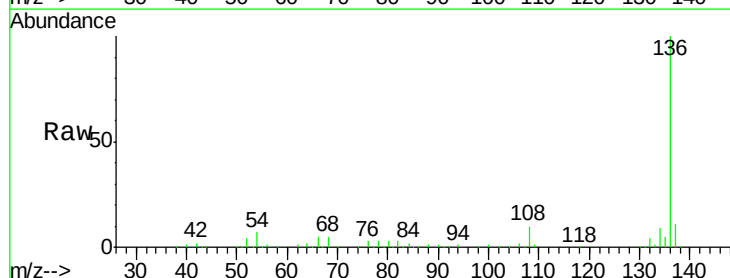
RT: 8.23 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF110608.D

Acq: 9 Nov 2018 1:50

Tgt Ion:	136	Resp:	294286
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.1	5.4	8.2
68	4.7	4.2	6.2

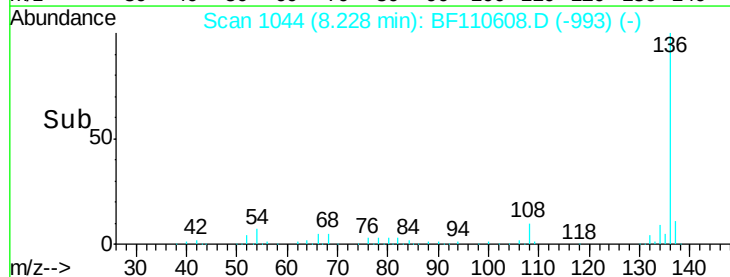
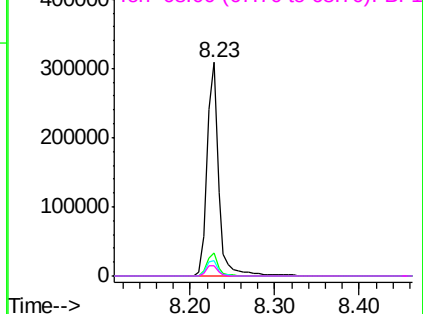


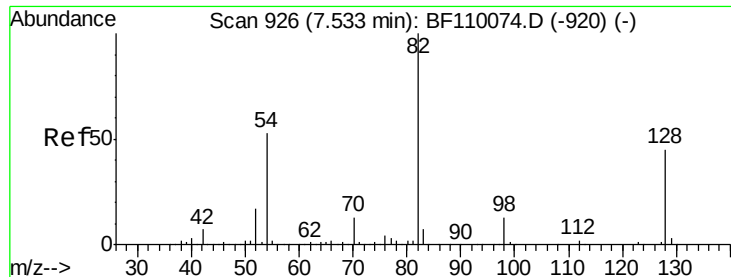
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

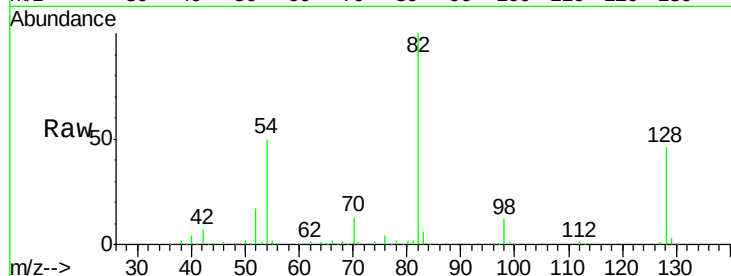




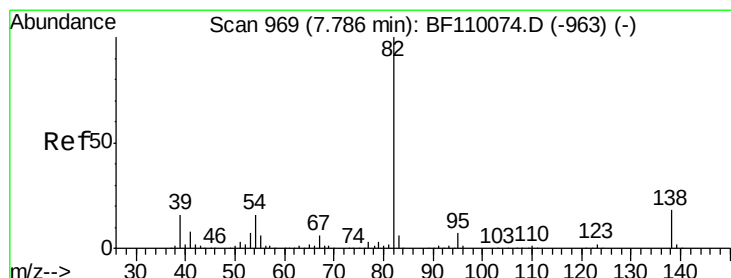
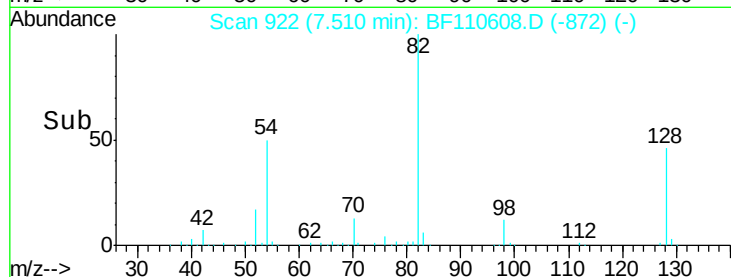
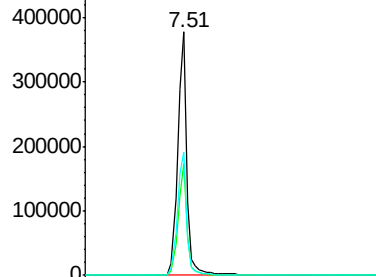
#23
Nitrobenzene-d5
Concen: 69.52 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110608.D
Acq: 9 Nov 2018 1:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.7	34.2	51.2
54	50.5	38.6	58.0

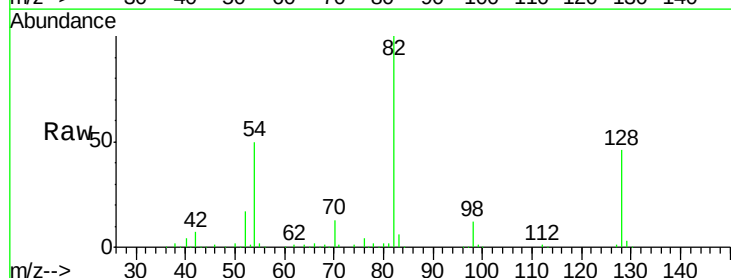


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

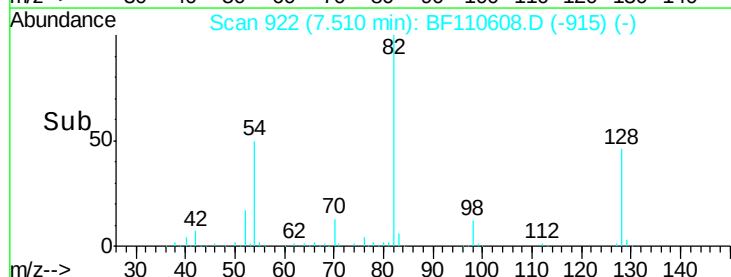
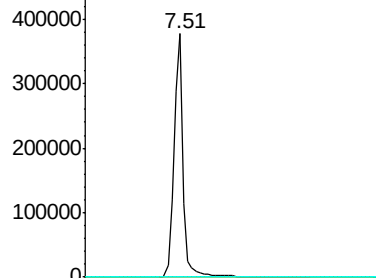


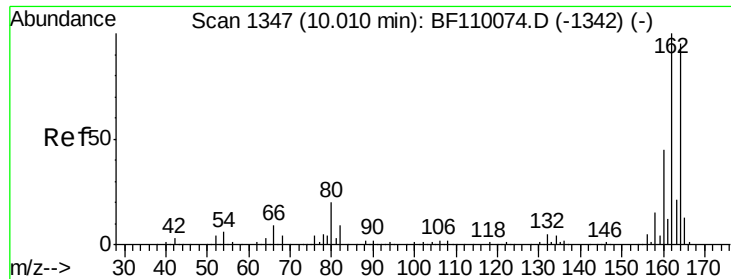
#25
Isophorone
Concen: 42.42 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF110608.D
Acq: 9 Nov 2018 1:50

Tgt 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

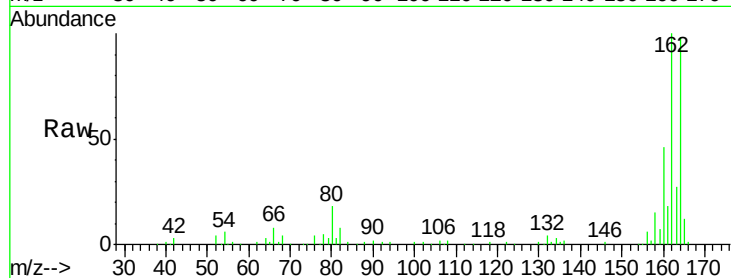




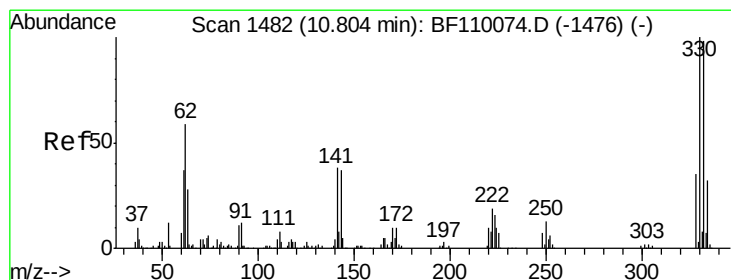
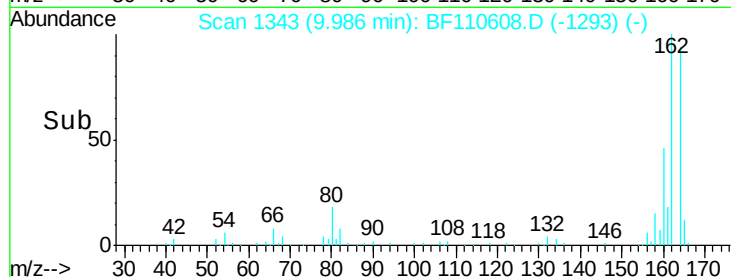
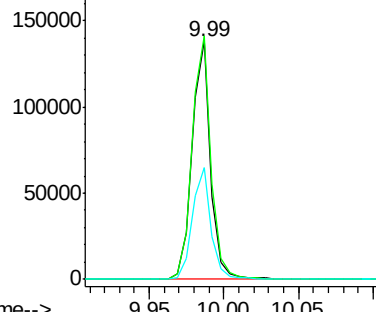
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110608.D
Acq: 9 Nov 2018 1:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 119963
Ion Ratio Lower Upper
164 100
162 102.2 83.0 124.6
160 46.7 37.0 55.6

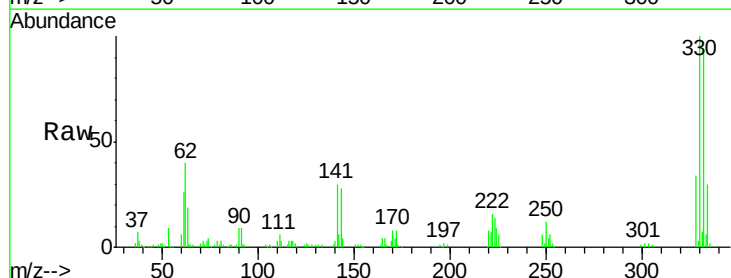


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

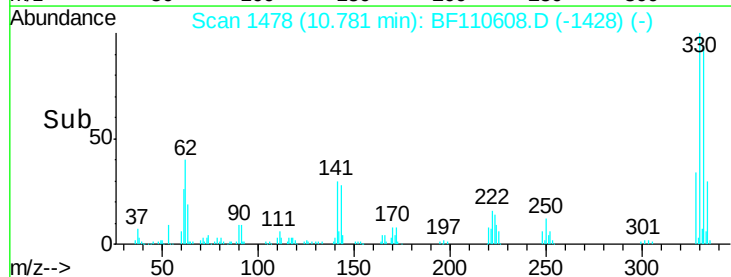
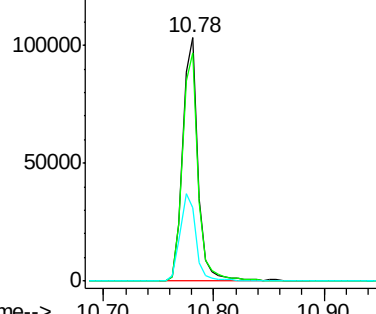


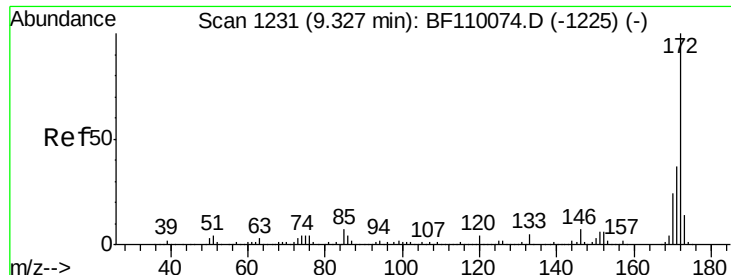
#42
2,4,6-Tribromophenol
Concen: 80.94 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110608.D
Acq: 9 Nov 2018 1:50

Tgt Ion:330 Resp: 97841
Ion Ratio Lower Upper
330 100
332 95.2 77.1 115.7
141 36.8 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

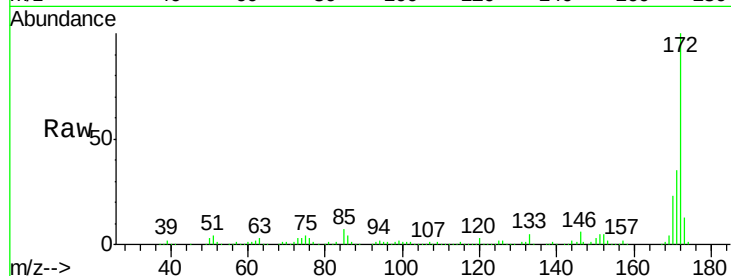




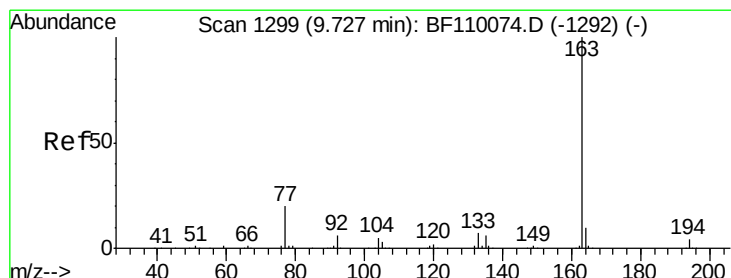
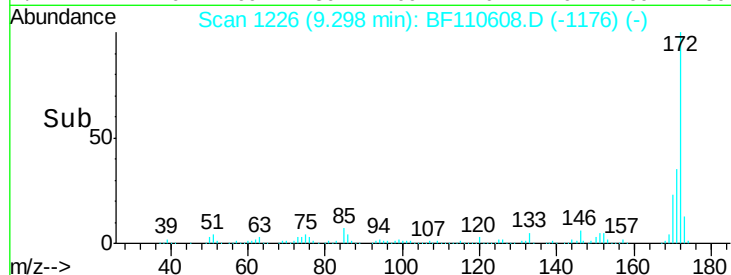
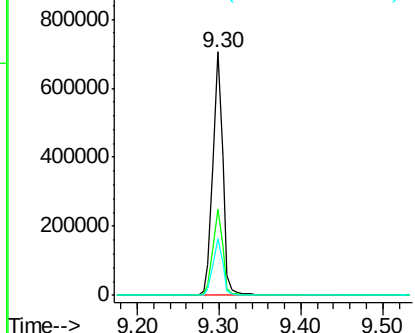
#45
2-Fluorobiphenyl
Concen: 71.54 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110608.D
Acq: 9 Nov 2018 1:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 600951
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 23.4 19.7 29.5

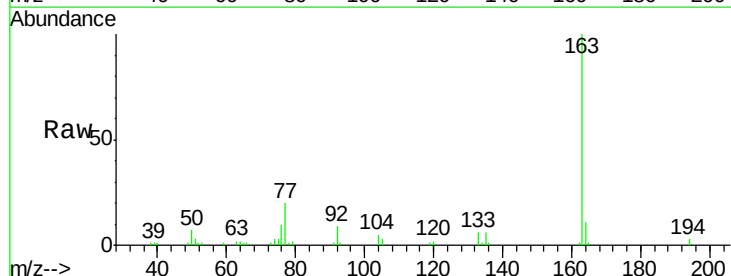


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

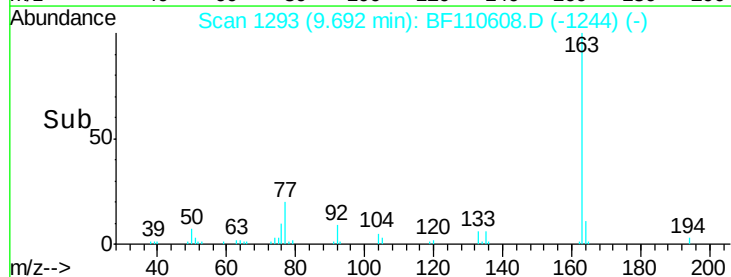
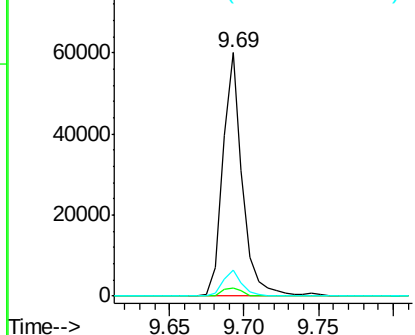


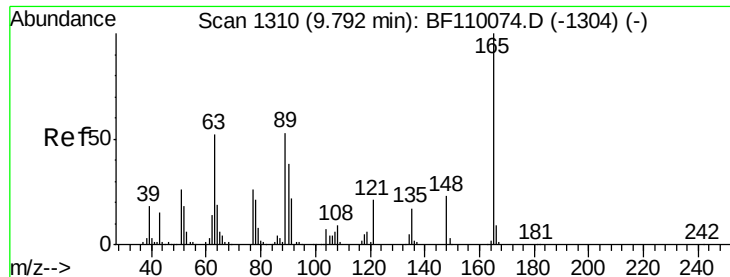
#50
Dimethylphthalate
Concen: 6.19 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110608.D
Acq: 9 Nov 2018 1:50

Tgt Ion:163 Resp: 55446
Ion Ratio Lower Upper
163 100
194 3.4 3.2 4.8
164 10.7 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

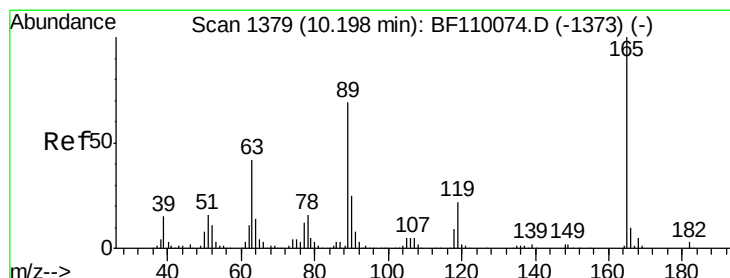
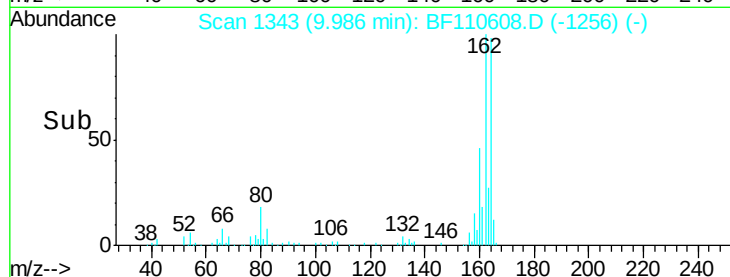
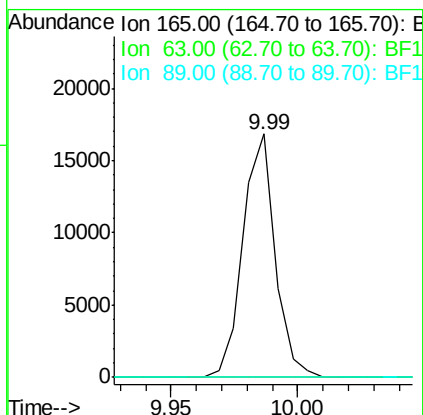
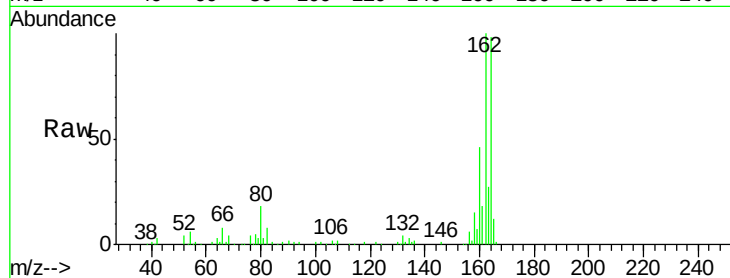




#51
 2,6-Dinitrotoluene
 Concen: 7.55 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.21 min
 Lab File: BF110608.D
 Acq: 9 Nov 2018 1:50

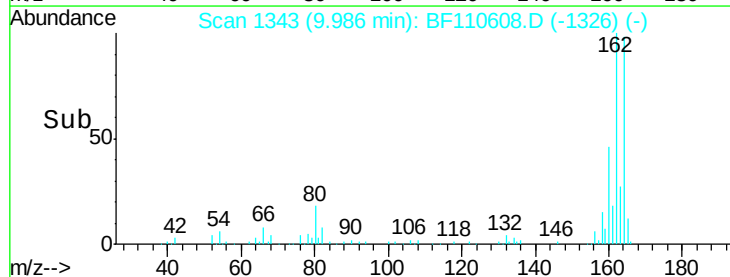
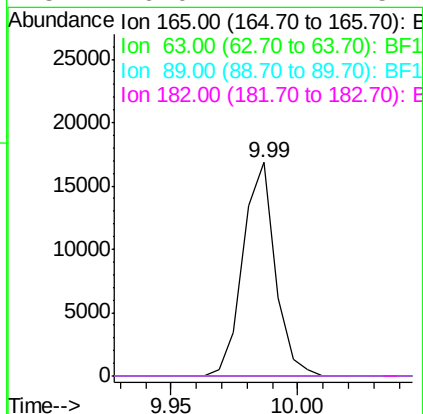
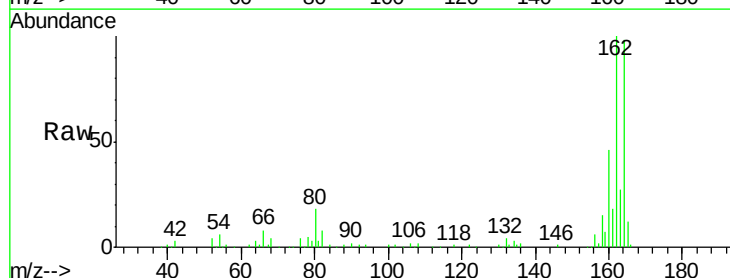
Instrument :
 BNA_F
 ClientSampleId :

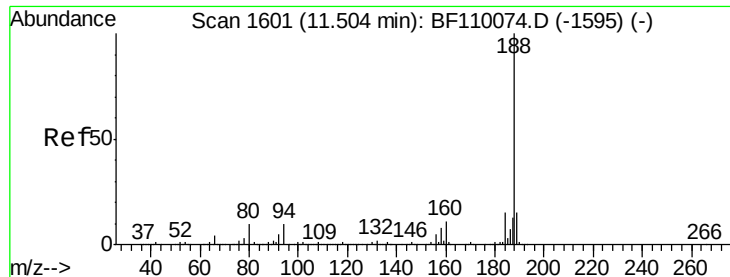
Tot Ion:165 Resp: 14872
 Ion Ratio Lower Upper
 165 100
 63 0.0 48.9 73.3#
 89 0.0 46.6 69.8#



#57
 2,4-Dinitrotoluene
 Concen: 5.81 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.20 min
 Lab File: BF110608.D
 Acq: 9 Nov 2018 1:50

Tgt Ion:165 Resp: 14872
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.8 67.2#
 89 0.0 62.2 93.4#
 182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF110608.D

Acq: 9 Nov 2018 1:50

Instrument :

BNA_F

ClientSampleId :

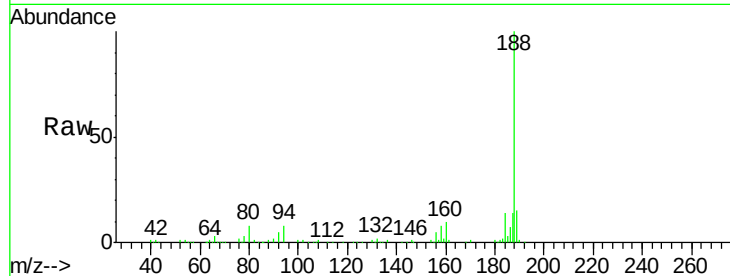
Tot Ion:188 Resp: 181025

Ion Ratio Lower Upper

188 100

94 8.4 7.2 10.8

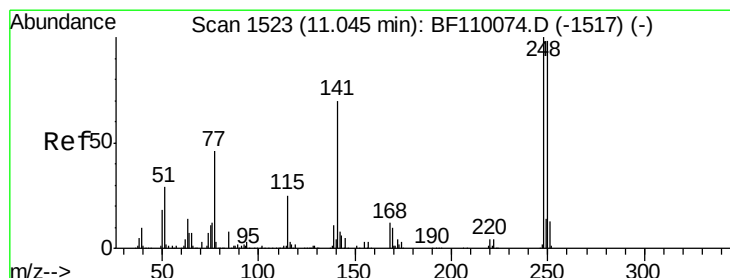
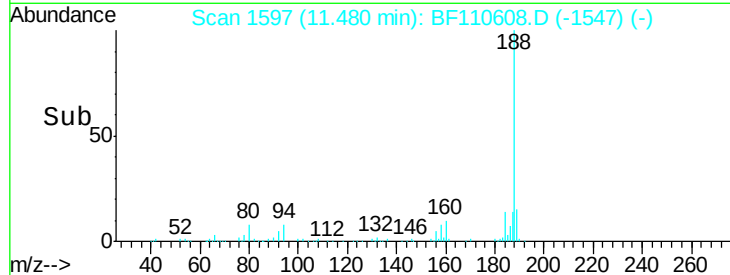
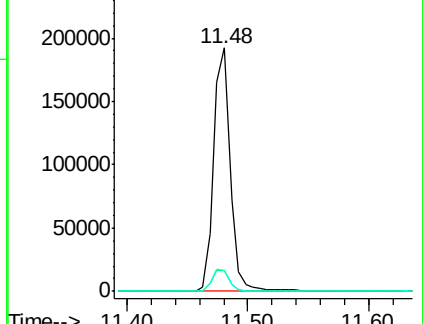
80 8.4 7.9 11.9



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



#67

4-Bromophenyl-phenylether

Concen: 3.13 ng

RT: 10.77 min Scan# 1477

Delta R.T. -0.25 min

Lab File: BF110608.D

Acq: 9 Nov 2018 1:50

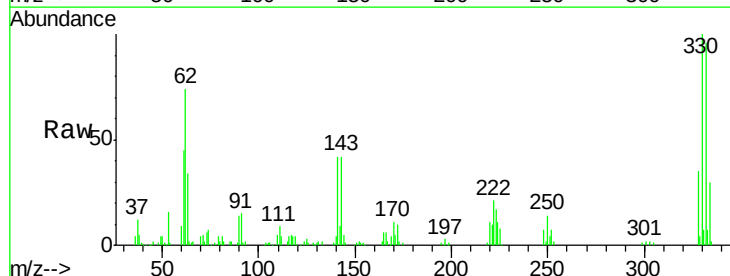
Tgt Ion:248 Resp: 6266

Ion Ratio Lower Upper

248 100

250 185.7 79.4 119.2#

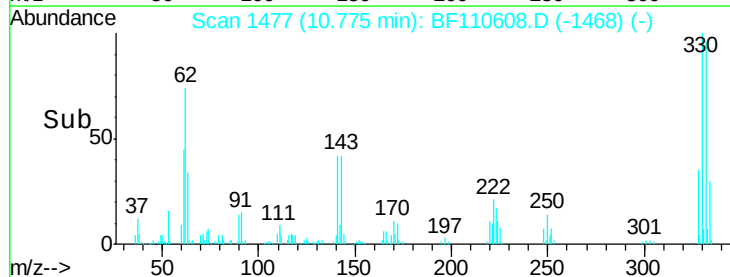
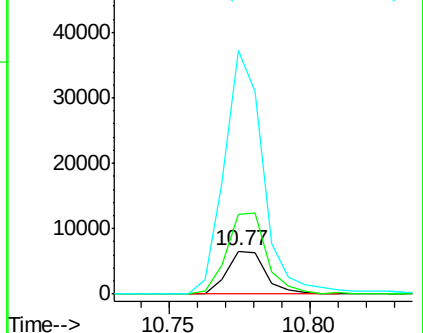
141 569.2 55.9 83.9#

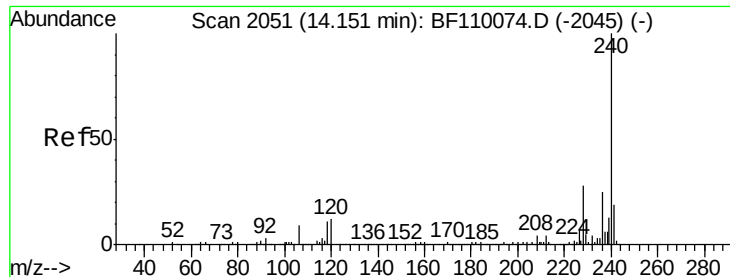


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.13 min Scan# 2047

Delta R.T. -0.01 min

Lab File: BF110608.D

Acq: 9 Nov 2018 1:50

Instrument :

BNA_F

ClientSampleId :

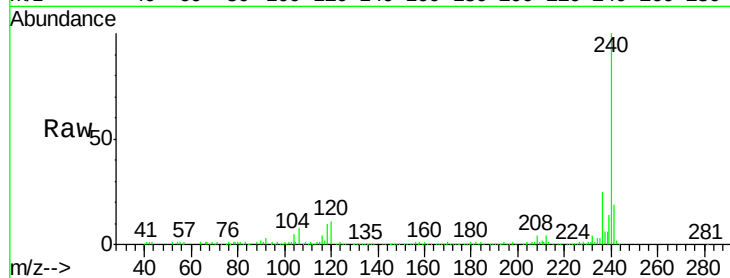
Tot Ion:240 Resp: 153091

Ion Ratio Lower Upper

240 100

120 11.5 8.3 12.5

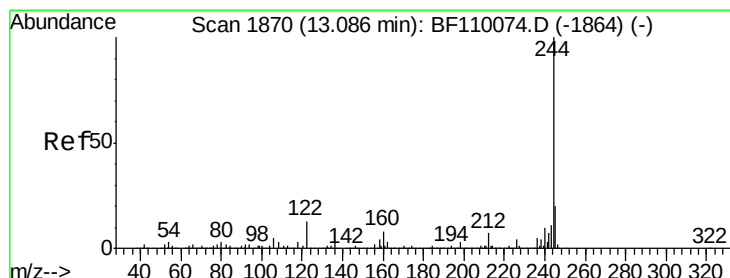
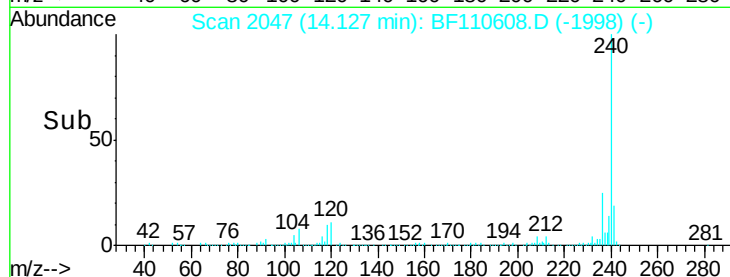
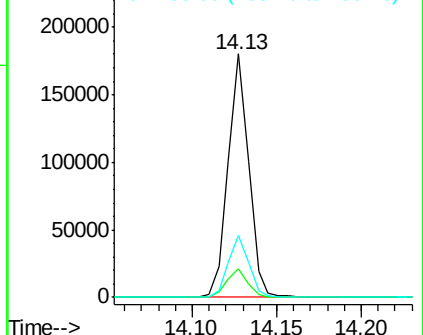
236 25.4 21.2 31.8



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



#79

Terphenyl-d14

Concen: 49.86 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110608.D

Acq: 9 Nov 2018 1:50

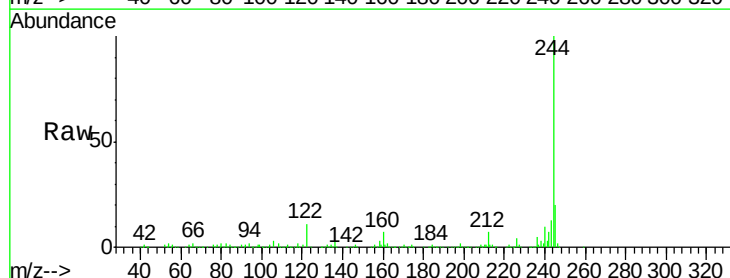
Tgt Ion:244 Resp: 407546

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

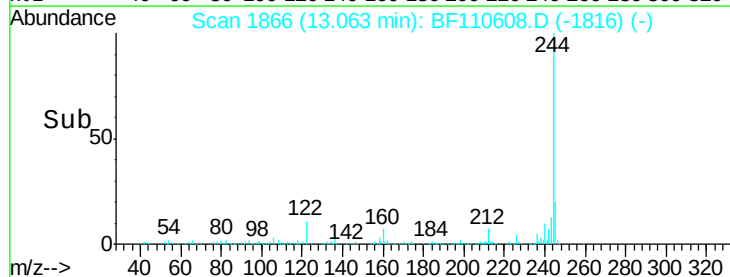
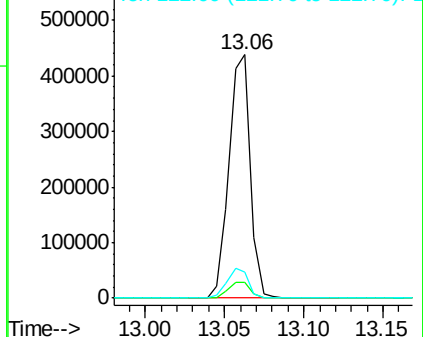
122 10.6 8.7 13.1

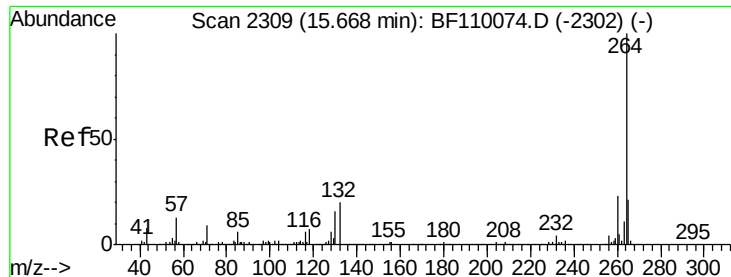


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

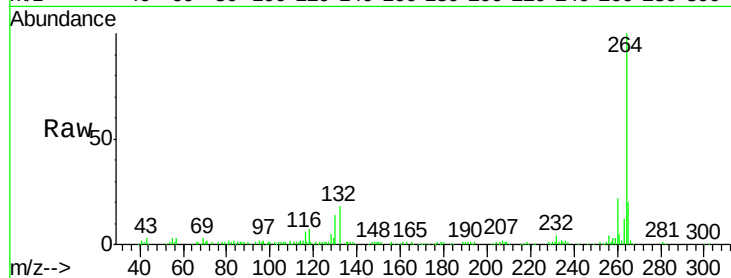




#87
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.65 min Scan# 2306
 Delta R.T. -0.01 min
 Lab File: BF110608.D
 Acq: 9 Nov 2018 1:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.7	28.1
265	20.3	16.7	25.1



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

