

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
 Data File : BF110594.D
 Acq On : 8 Nov 2018 19:32
 Operator : JU/SJ
 Sample : J5851-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 09 08:42:21 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

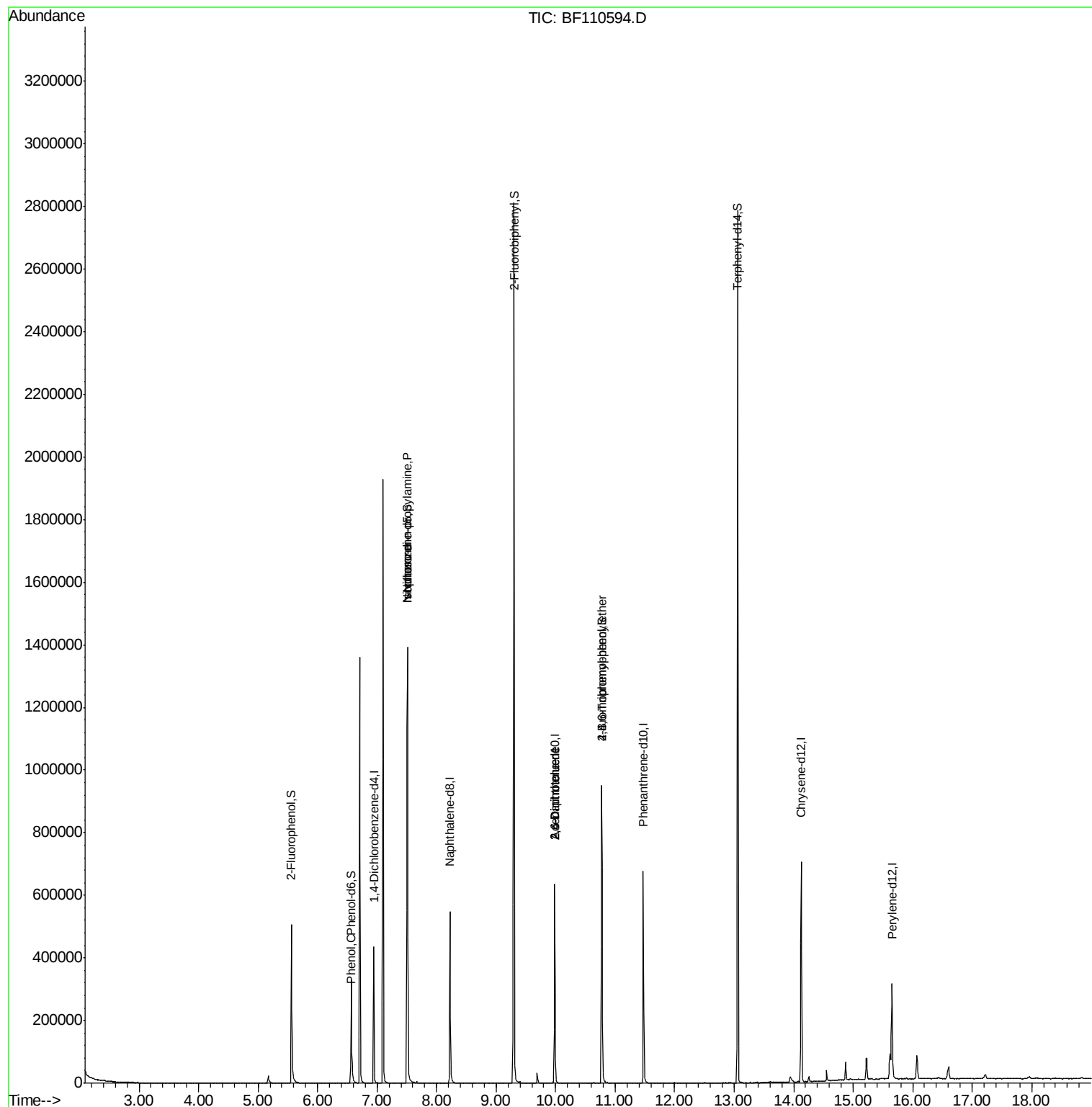
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	68843	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	287239	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	139335	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	281405	20.00	ng	-0.01
76) Chrysene-d12	14.13	240	239916	20.00	ng	-0.01
87) Perylene-d12	15.65	264	156087	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	164743	38.87	ng	0.00
7) Phenol-d6	6.56	99	124900	23.05	ng	-0.01
23) Nitrobenzene-d5	7.51	82	481830	96.60	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	111085	79.12	ng	-0.01
45) 2-Fluorobiphenyl	9.30	172	933648	95.70	ng	0.00
79) Terphenyl-d14	13.06	244	916533	71.54	ng	0.00
Target Compounds						
10) Phenol	6.57	94	16249	2.59	ng	# 72
19) n-Nitroso-di-n-propylamine	7.51	70	63185	18.26	ng	# 78
25) Isophorone	7.51	82	481826	58.94	ng	# 67
51) 2,6-Dinitrotoluene	9.99	165	17616	7.70	ng	# 22
57) 2,4-Dinitrotoluene	9.99	165	17616	5.92	ng	# 18
67) 4-Bromophenyl-phenylether	10.77	248	6975	2.24	ng	# 1

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

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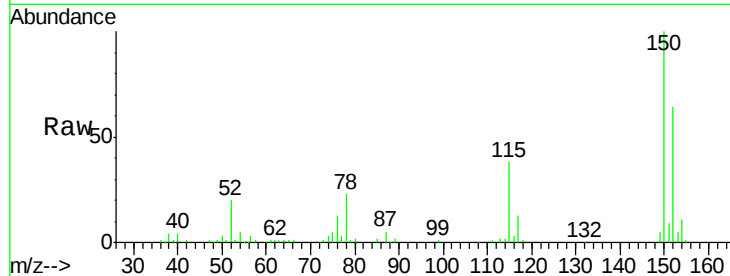


#1

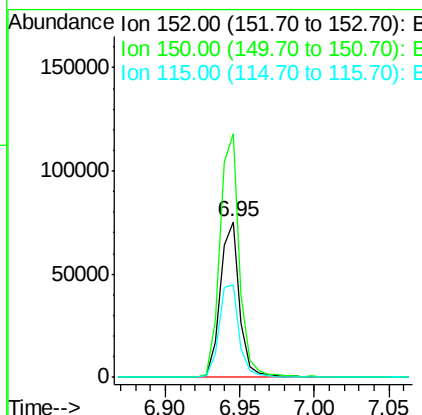
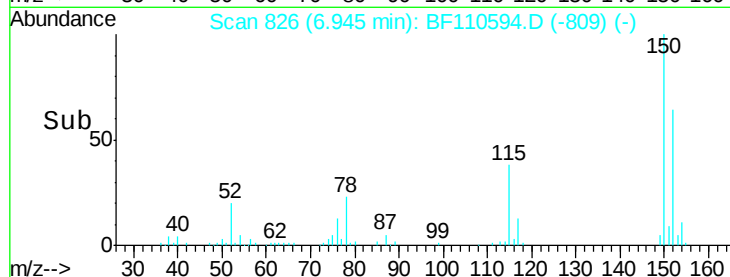
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF110594.D
Acq: 8 Nov 2018 19:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 68843
Ion Ratio Lower Upper
152 100
150 156.4 122.7 184.1
115 59.8 49.1 73.7



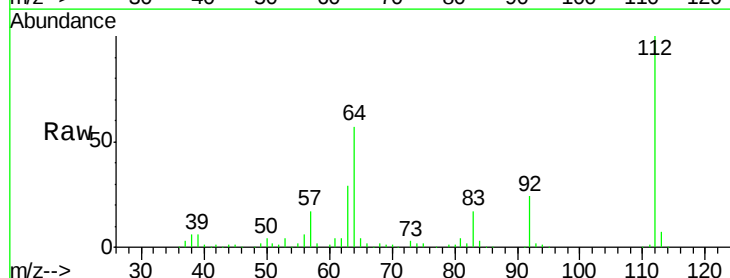
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



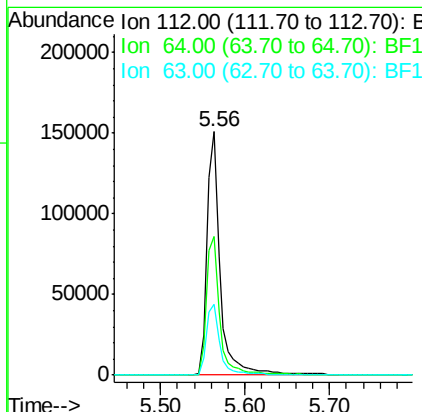
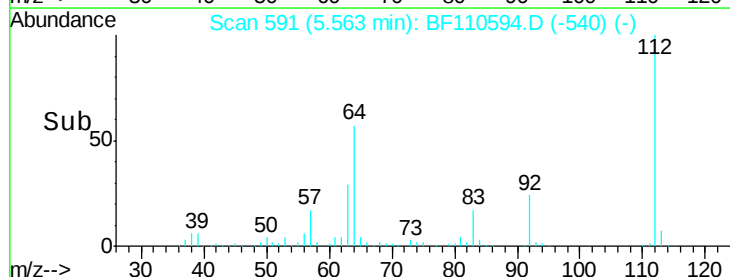
#5

2-Fluorophenol
Concen: 38.87 ng
RT: 5.56 min Scan# 591
Delta R.T. -0.00 min
Lab File: BF110594.D
Acq: 8 Nov 2018 19:32

Tgt Ion:112 Resp: 164743
Ion Ratio Lower Upper
112 100
64 56.9 44.1 66.1
63 29.2 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: 23.05 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110594.D

Acq: 8 Nov 2018 19:32

Instrument :

BNA_F

ClientSampleId :

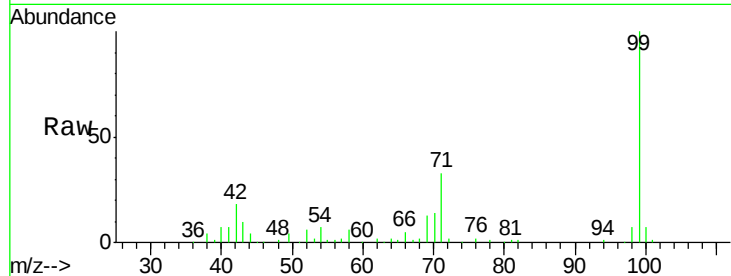
Tot Ion: 99 Resp: 124900

Ion Ratio Lower Upper

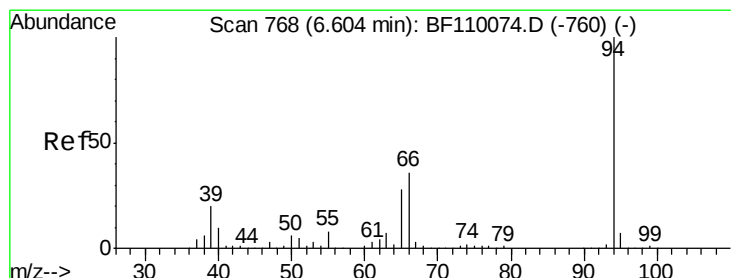
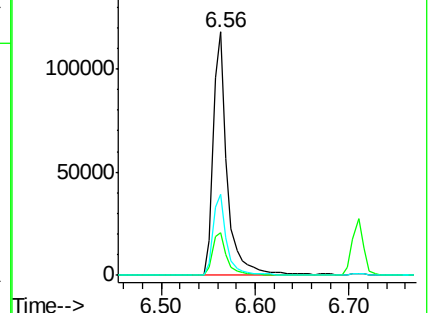
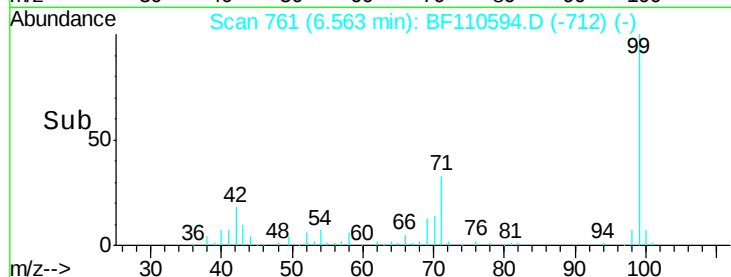
99 100

42 17.7 15.8 23.6

71 33.4 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: 2.59 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110594.D

Acq: 8 Nov 2018 19:32

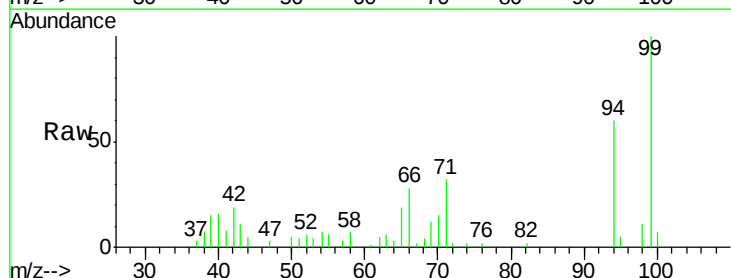
Tgt Ion: 94 Resp: 16249

Ion Ratio Lower Upper

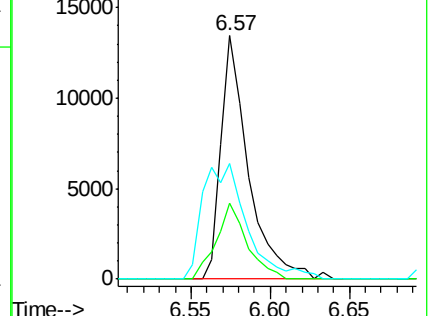
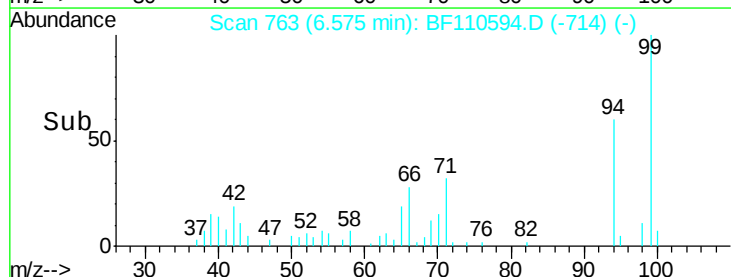
94 100

65 31.3 25.3 65.3

66 47.2 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

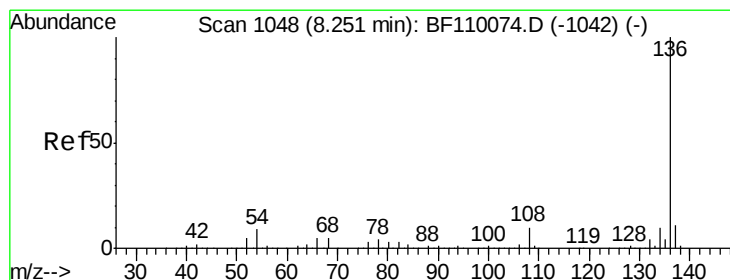
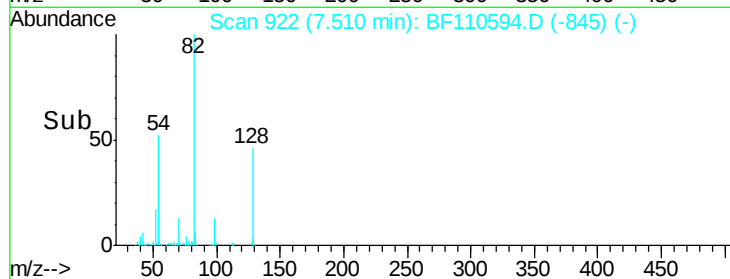
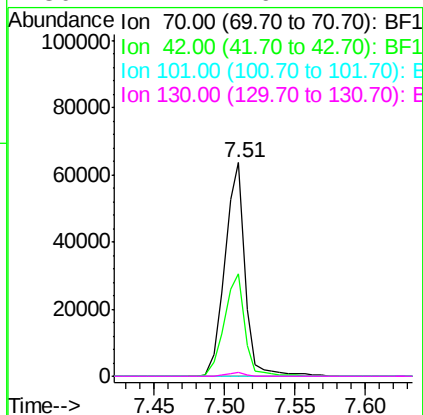
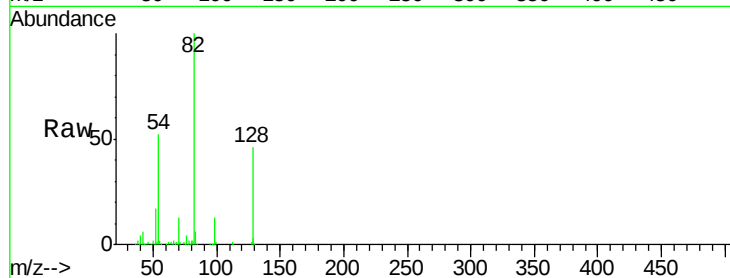




#19
n-Nitroso-di-n-propylamine
Concen: 18.26 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF110594.D
Acq: 8 Nov 2018 19:32

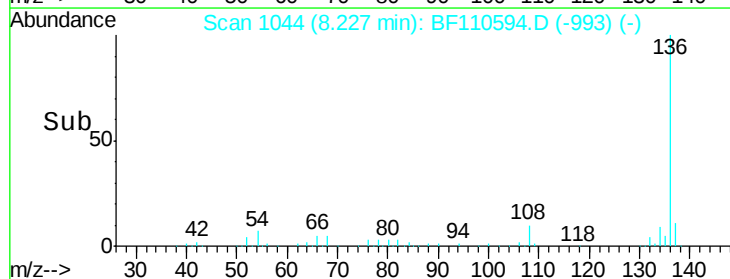
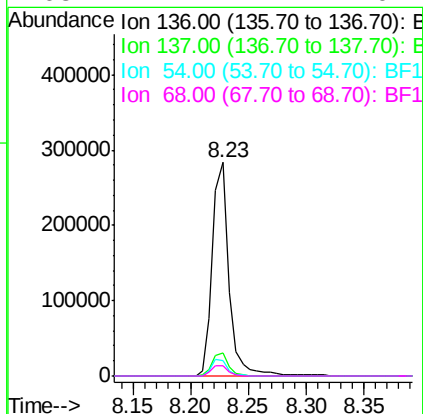
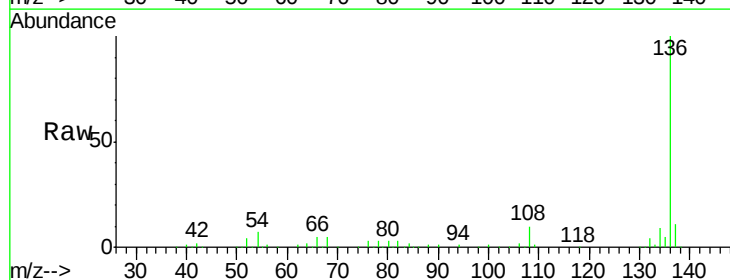
Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 63185
Ion Ratio Lower Upper
70 100
42 48.0 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: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF110594.D
Acq: 8 Nov 2018 19:32

Tgt Ion: 136 Resp: 287239
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.2 5.4 8.2
68 4.7 4.2 6.2

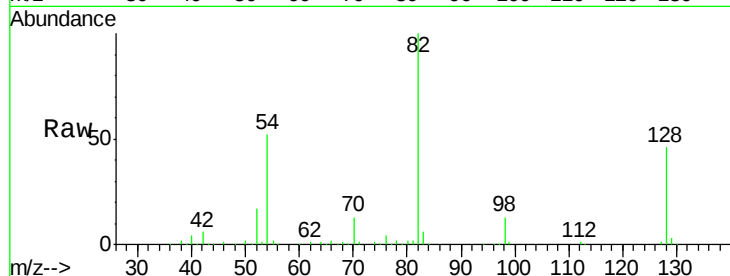




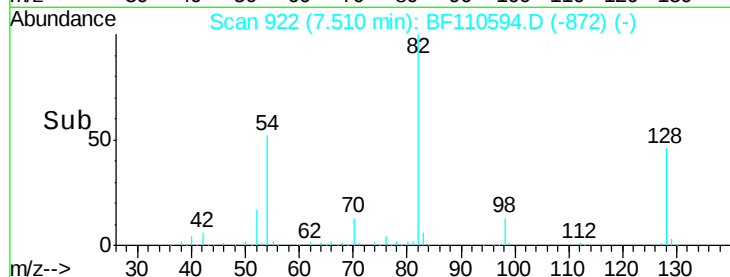
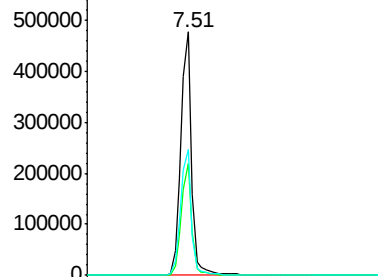
#23
Nitrobenzene-d5
Concen: 96.60 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110594.D
Acq: 8 Nov 2018 19:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 481830
Ion Ratio Lower Upper
82 100
128 45.8 34.2 51.2
54 51.8 38.6 58.0

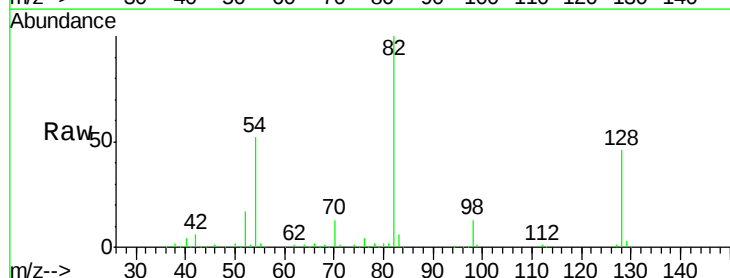


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

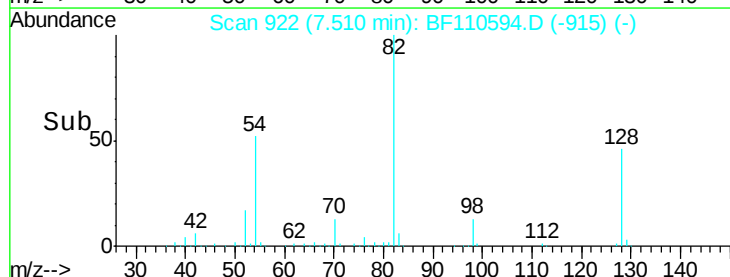
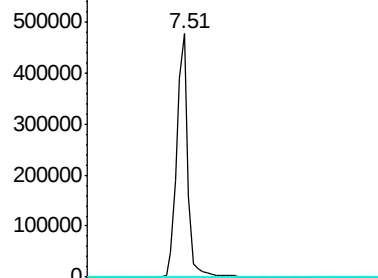


#25
Isophorone
Concen: 58.94 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF110594.D
Acq: 8 Nov 2018 19:32

Tgt Ion: 82 Resp: 481826
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

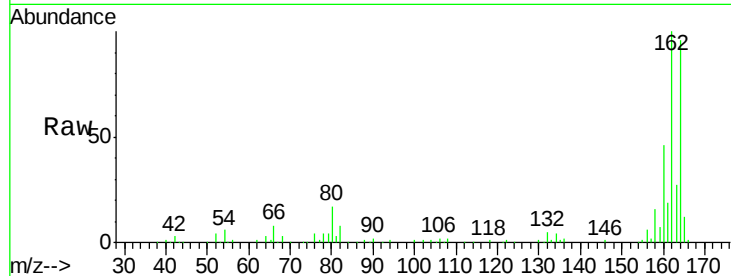




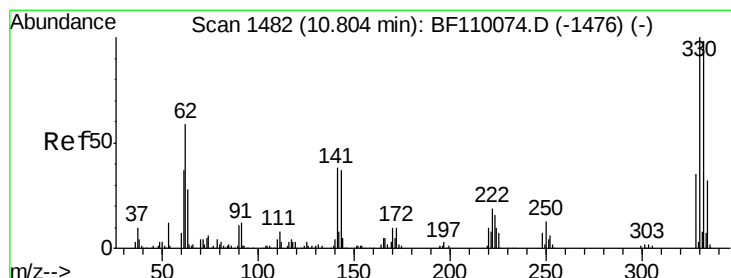
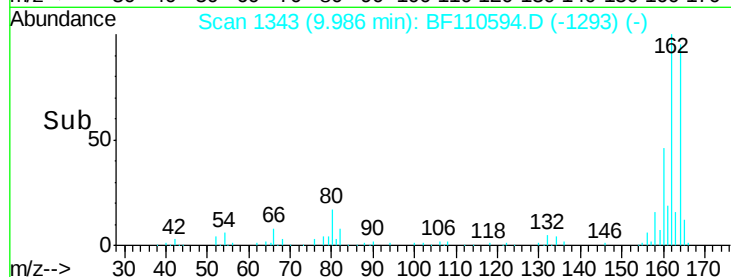
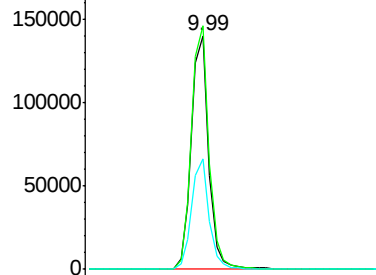
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110594.D
Acq: 8 Nov 2018 19:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 139335
Ion Ratio Lower Upper
164 100
162 104.1 83.0 124.6
160 47.4 37.0 55.6

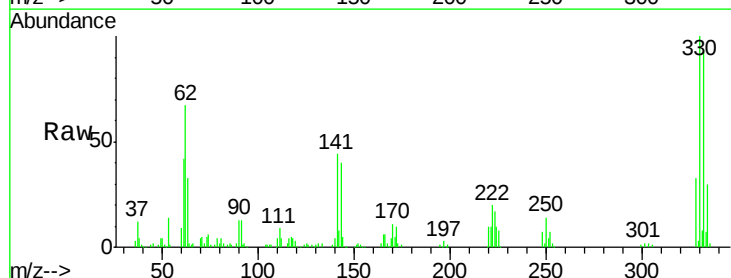


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

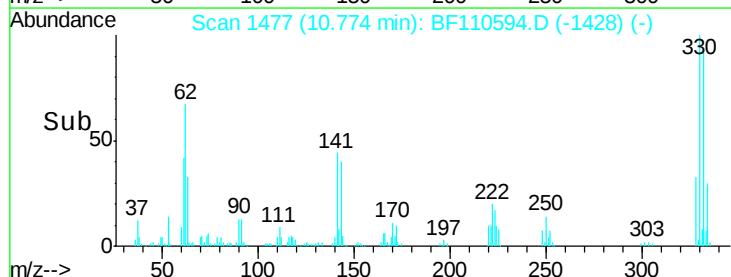
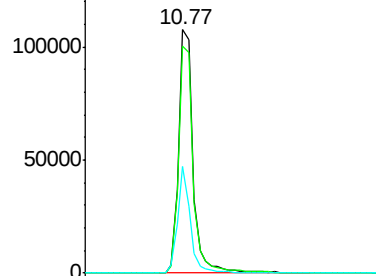


#42
2,4,6-Tribromophenol
Concen: 79.12 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF110594.D
Acq: 8 Nov 2018 19:32

Tgt Ion:330 Resp: 111085
Ion Ratio Lower Upper
330 100
332 94.8 77.1 115.7
141 38.3 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

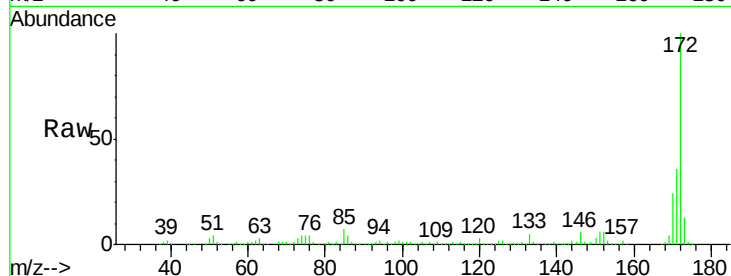




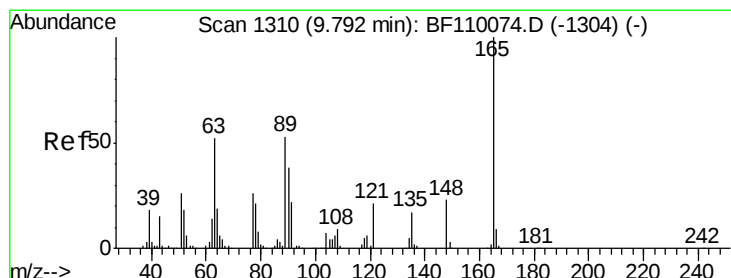
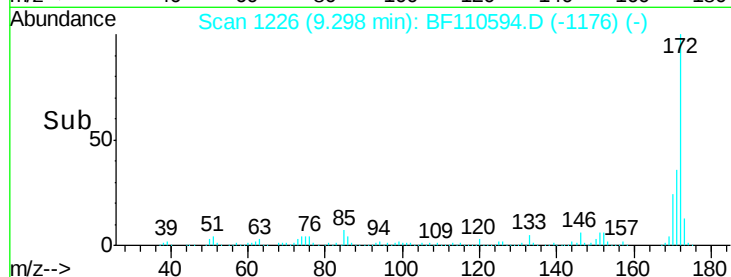
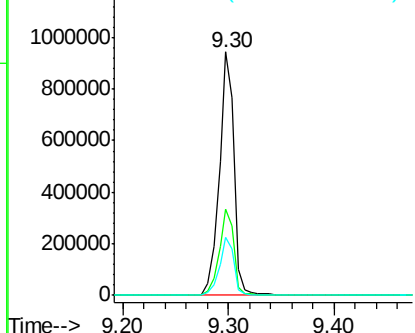
#45
 2-Fluorobiphenyl
 Concen: 95.70 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110594.D
 Acq: 8 Nov 2018 19:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 933648
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 43.0
 170 23.6 19.7 29.5

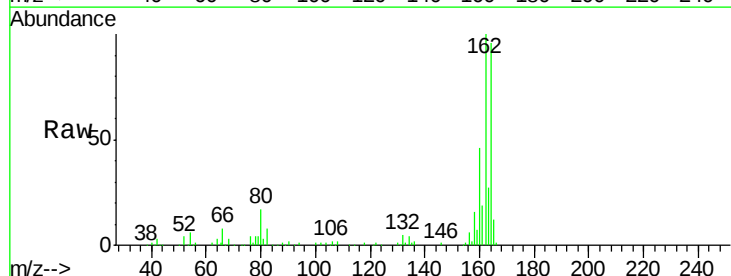


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

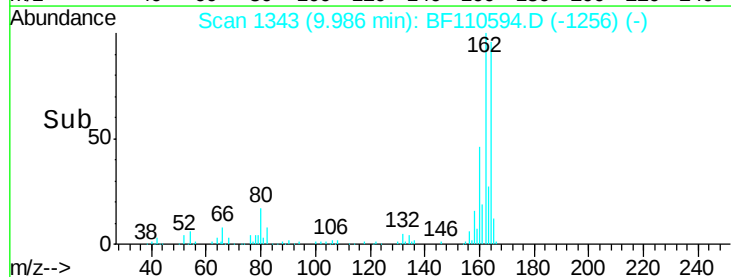
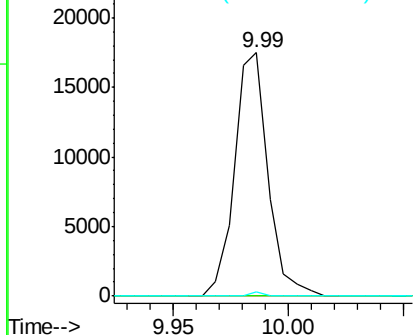


#51
 2,6-Dinitrotoluene
 Concen: 7.70 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.21 min
 Lab File: BF110594.D
 Acq: 8 Nov 2018 19:32

Tgt Ion:165 Resp: 17616
 Ion Ratio Lower Upper
 165 100
 63 0.0 48.9 73.3#
 89 1.9 46.6 69.8#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

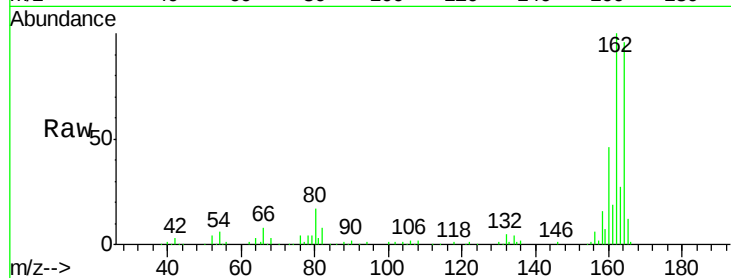




#57
2,4-Dinitrotoluene
Concen: 5.92 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.20 min
Lab File: BF110594.D
Acq: 8 Nov 2018 19:32

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#

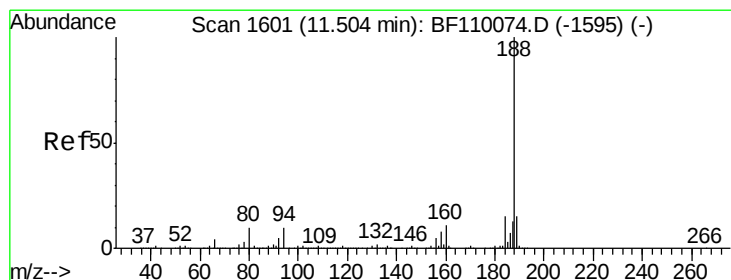
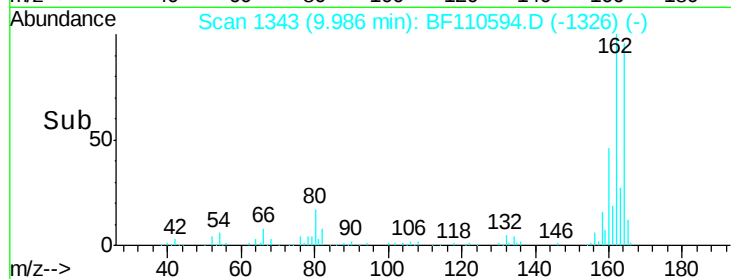
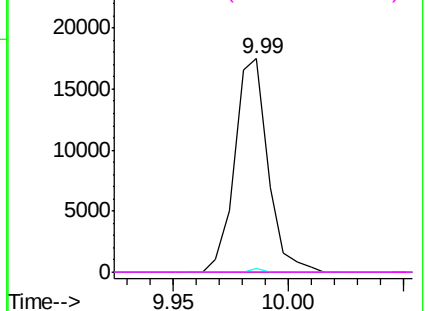


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

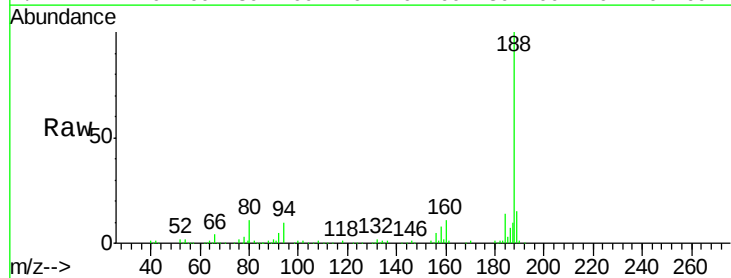
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.01 min
Lab File: BF110594.D
Acq: 8 Nov 2018 19:32

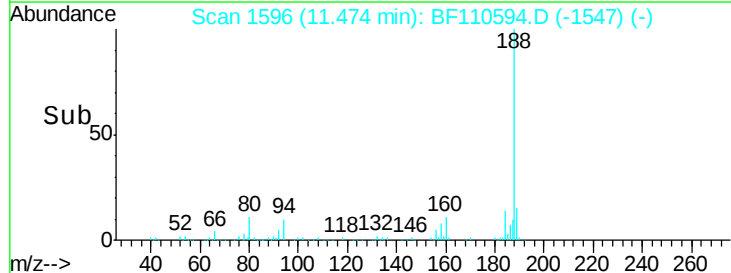
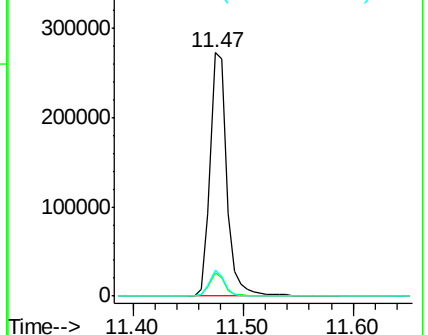
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.2	10.8
80	10.9	7.9	11.9



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

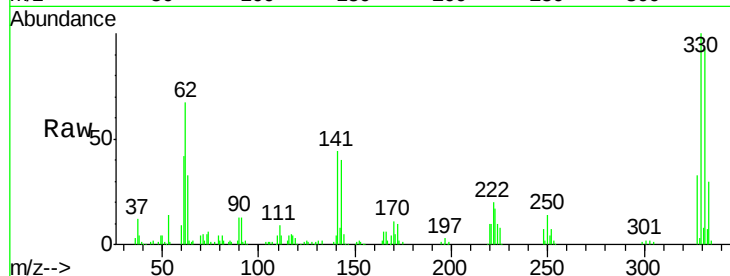




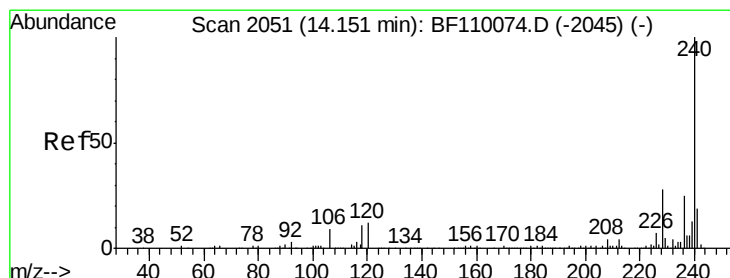
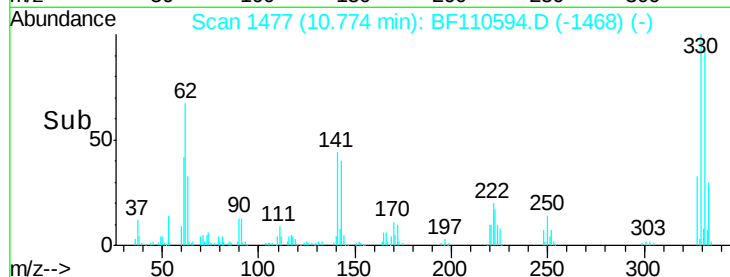
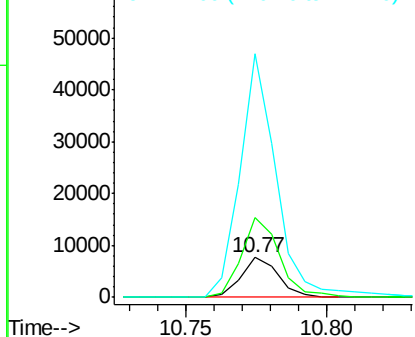
#67
 4-Bromophenyl-phenylether
 Concen: 2.24 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. -0.25 min
 Lab File: BF110594.D
 Acq: 8 Nov 2018 19:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 6975
 Ion Ratio Lower Upper
 248 100
 250 201.0 79.4 119.2#
 141 608.8 55.9 83.9#

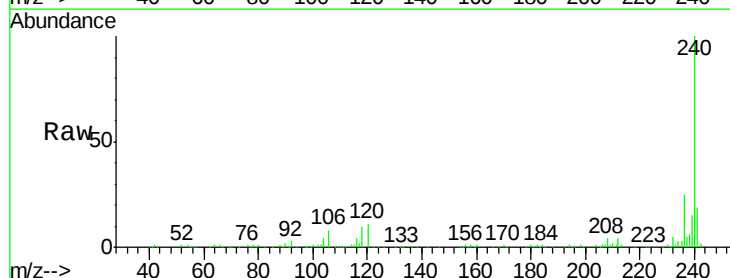


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

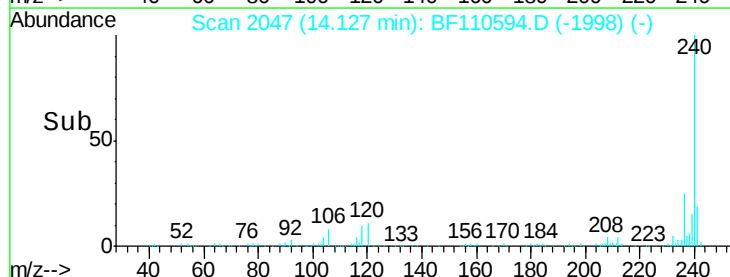
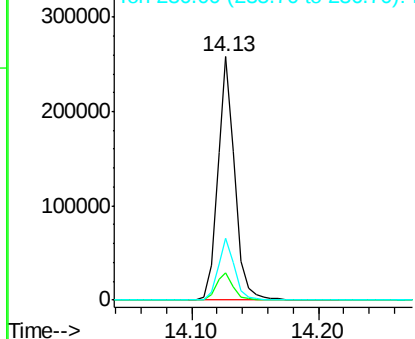


#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. -0.01 min
 Lab File: BF110594.D
 Acq: 8 Nov 2018 19:32

Tgt Ion:240 Resp: 239916
 Ion Ratio Lower Upper
 240 100
 120 11.2 8.3 12.5
 236 25.5 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: 71.54 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110594.D

Acq: 8 Nov 2018 19:32

Instrument :

BNA_F

ClientSampleId :

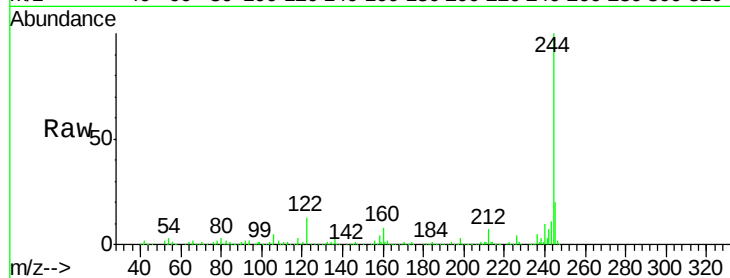
Tot Ion:244 Resp: 916533

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

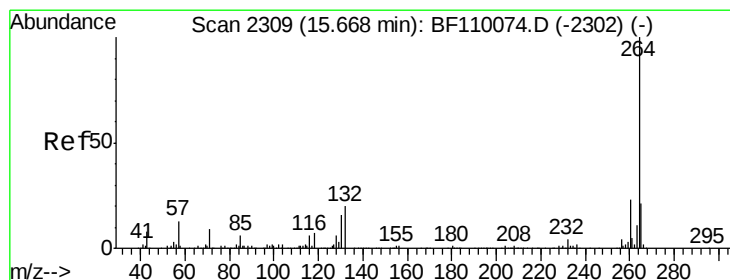
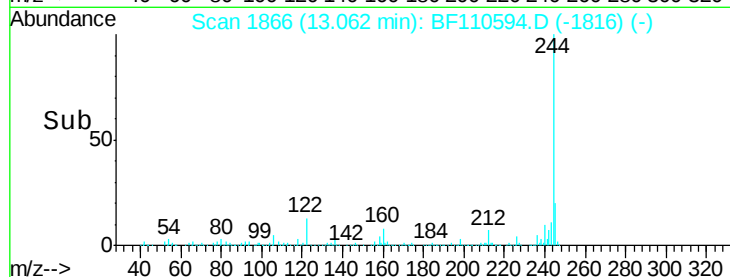
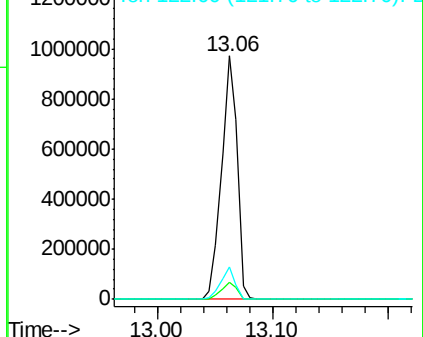
122 13.5 8.7 13.1#



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

Perylene-d12

Concen: 20.00 ng

RT: 15.65 min Scan# 2306

Delta R.T. -0.01 min

Lab File: BF110594.D

Acq: 8 Nov 2018 19:32

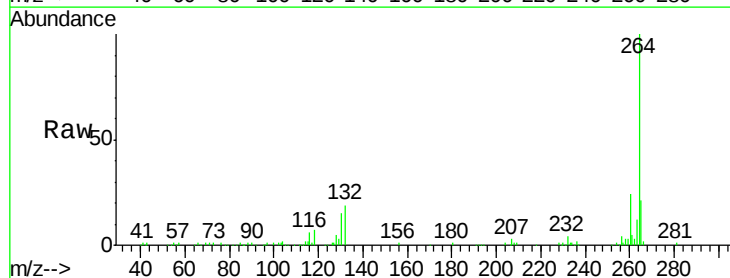
Tgt Ion:264 Resp: 156087

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 21.3 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

