

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
 Data File : BF110613.D
 Acq On : 9 Nov 2018 4:59
 Operator : JU/SJ
 Sample : PB114627BL
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 09 08:46:26 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

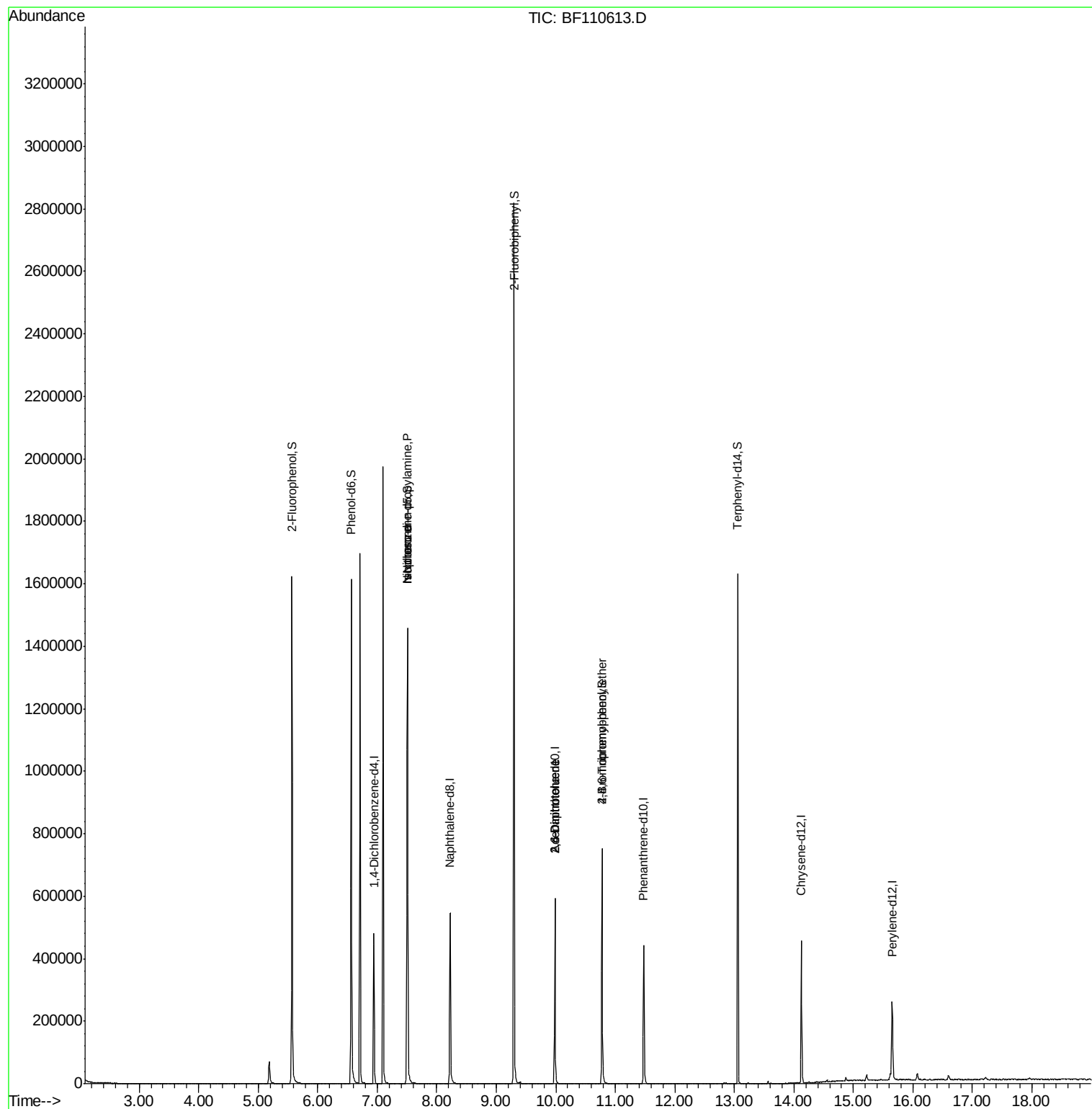
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	75722	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	311719	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	129996	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	199698	20.00	ng	-0.01
76) Chrysene-d12	14.13	240	160848	20.00	ng	-0.01
87) Perylene-d12	15.65	264	128593	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	449101	96.34	ng	0.00
7) Phenol-d6	6.57	99	547744	91.88	ng	0.00
23) Nitrobenzene-d5	7.51	82	499712	92.32	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	89107	68.03	ng	-0.01
45) 2-Fluorobiphenyl	9.30	172	926367	101.77	ng	0.00
79) Terphenyl-d14	13.06	244	578099	67.31	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	570	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.51	70	65254	17.15	ng	# 78
25) Isophorone	7.51	82	499709	56.33	ng	# 67
51) 2,6-Dinitrotoluene	9.99	165	16282	7.63	ng	# 21
57) 2,4-Dinitrotoluene	9.99	165	16282	5.87	ng	# 17
67) 4-Bromophenyl-phenylether	10.77	248	5384	2.44	ng	# 1

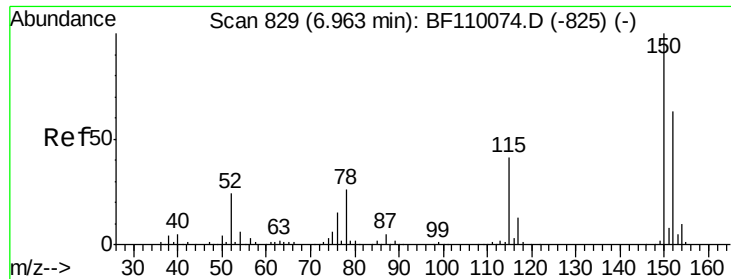
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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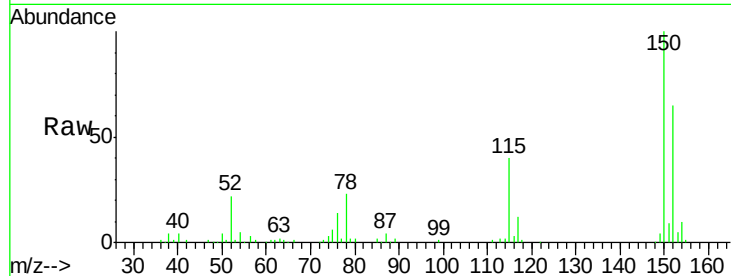


#1

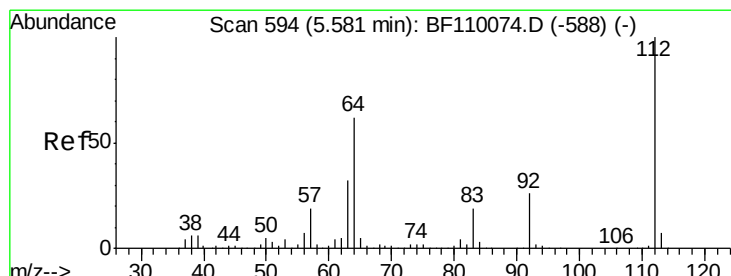
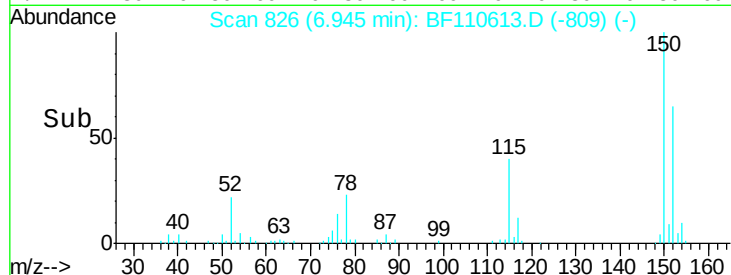
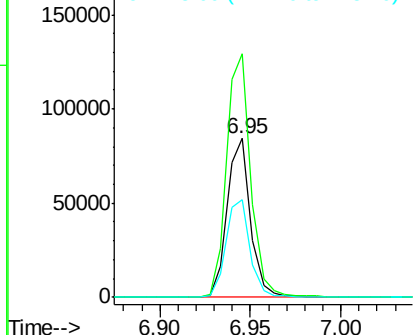
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110613.D
Acq: 9 Nov 2018 4:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 75722
Ion Ratio Lower Upper
152 100
150 153.2 122.7 184.1
115 61.5 49.1 73.7



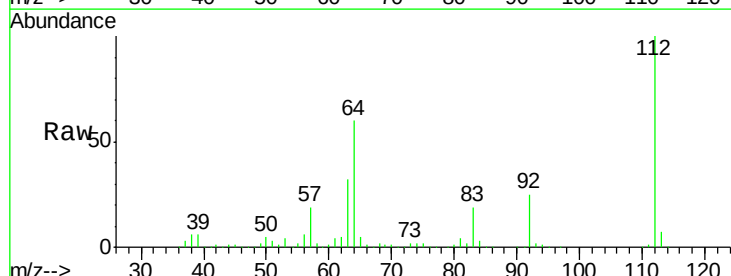
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



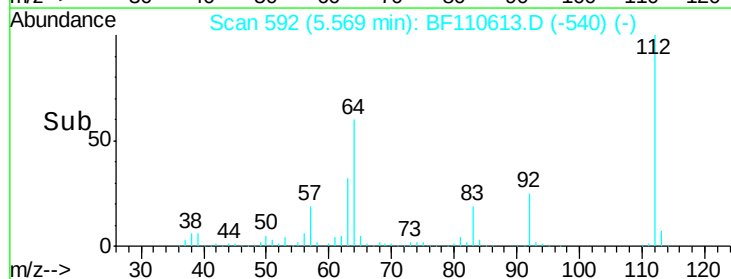
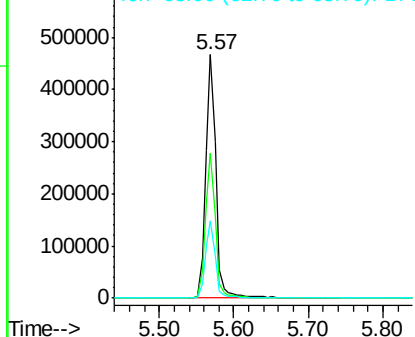
#5

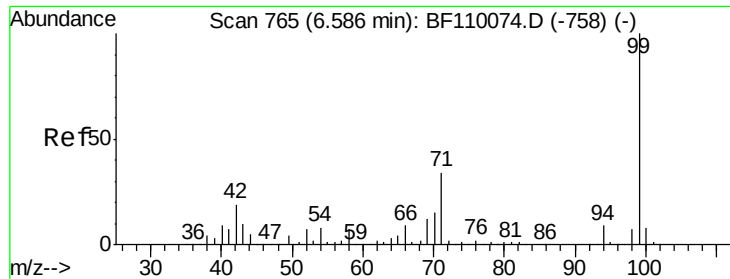
2-Fluorophenol
Concen: 96.34 ng
RT: 5.57 min Scan# 592
Delta R.T. 0.01 min
Lab File: BF110613.D
Acq: 9 Nov 2018 4:59

Tgt Ion:112 Resp: 449101
Ion Ratio Lower Upper
112 100
64 59.5 44.1 66.1
63 31.6 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: 91.88 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110613.D

Acq: 9 Nov 2018 4:59

Instrument :

BNA_F

ClientSampleId :

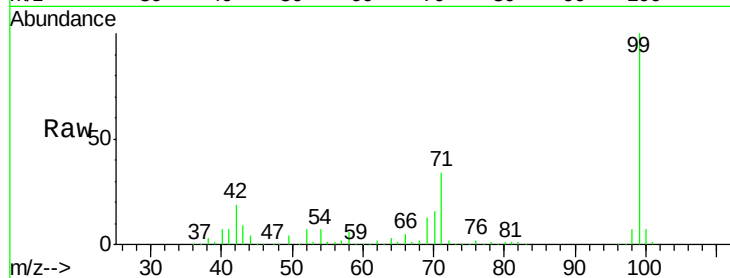
Tot Ion: 99 Resp: 547744

Ion Ratio Lower Upper

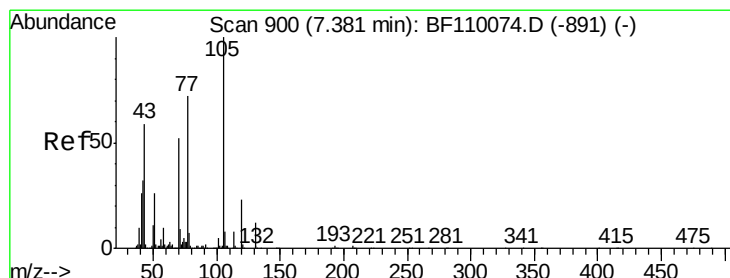
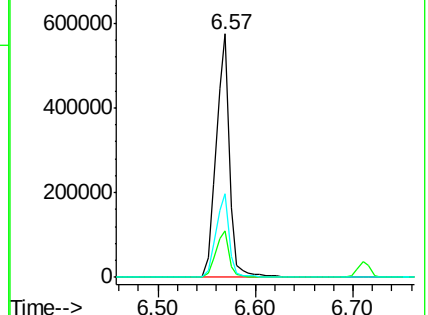
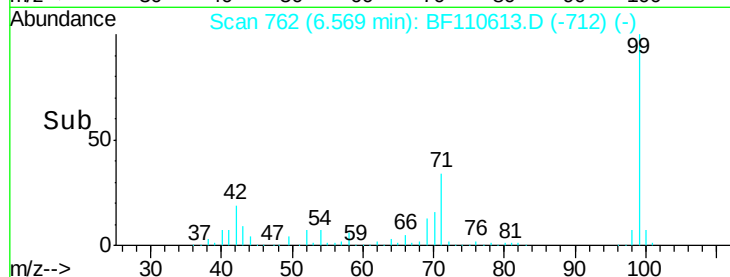
99 100

42 18.9 15.8 23.6

71 34.3 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



#19

n-Nitroso-di-n-propylamine

Concen: 17.15 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.15 min

Lab File: BF110613.D

Acq: 9 Nov 2018 4:59

Tgt Ion: 70 Resp: 65254

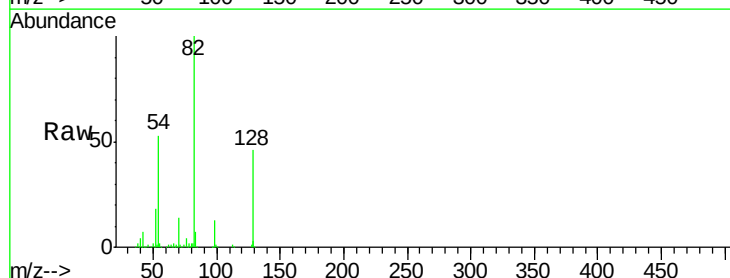
Ion Ratio Lower Upper

70 100

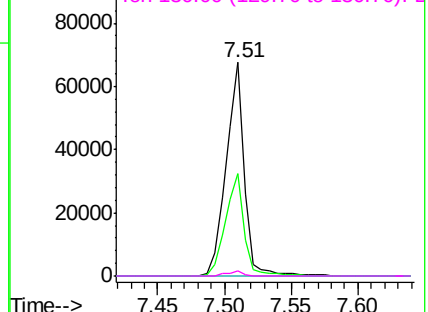
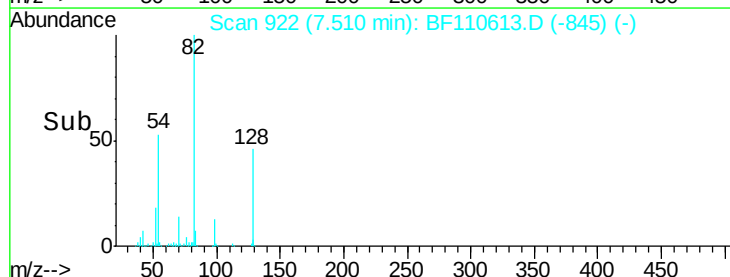
42 47.8 47.4 71.2

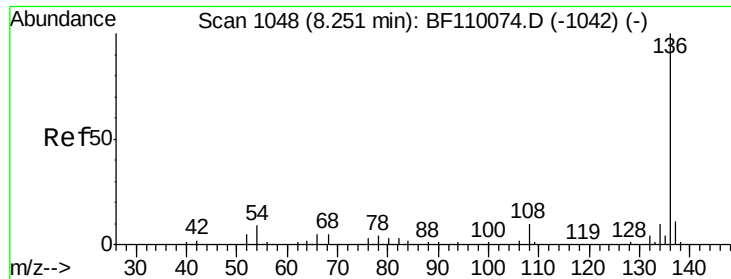
101 0.0 7.3 10.9#

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

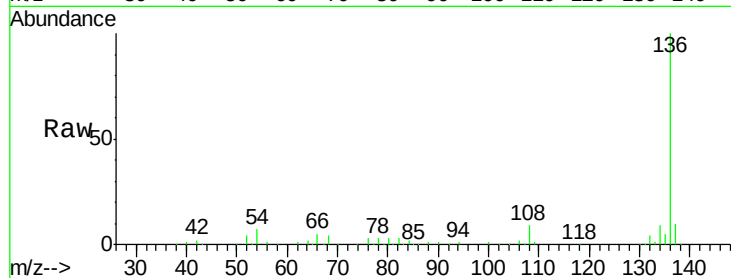




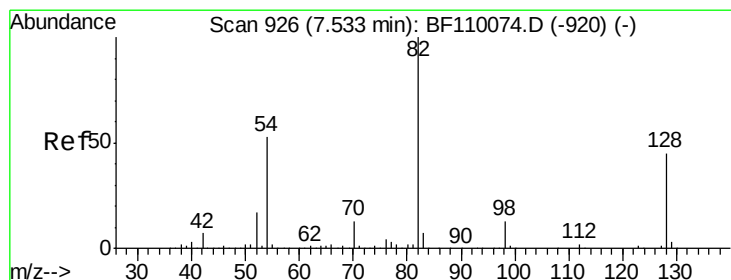
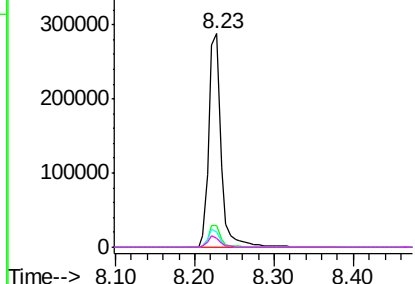
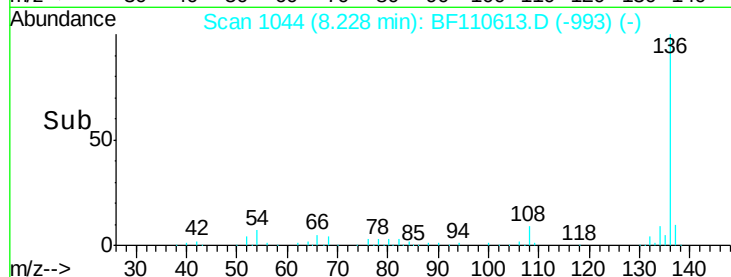
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110613.D
Acq: 9 Nov 2018 4:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	311719
Ion Ratio	Lower	Upper
136	100	
137	10.0	8.8 13.2
54	7.2	5.4 8.2
68	4.4	4.2 6.2

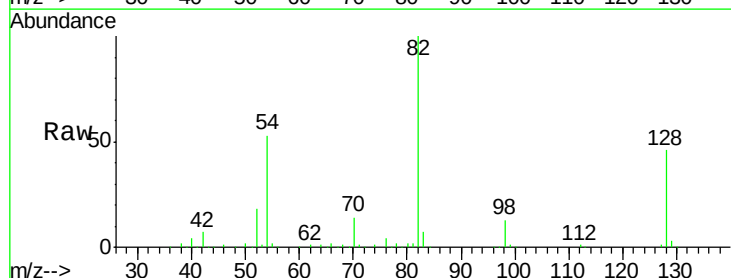


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

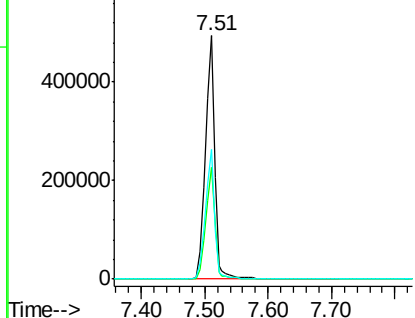
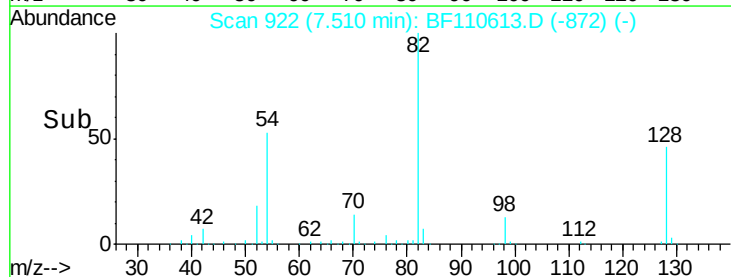


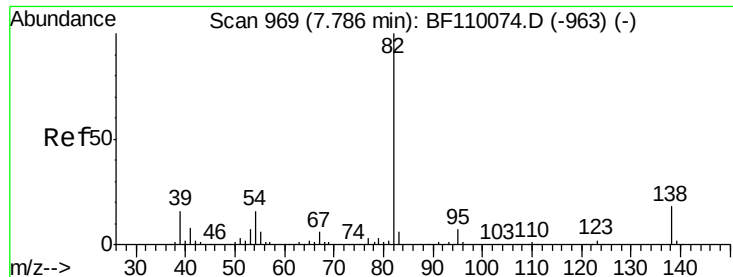
#23
Nitrobenzene-d5
Concen: 92.32 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110613.D
Acq: 9 Nov 2018 4:59

Tgt Ion: 82	Resp:	499712
Ion Ratio	Lower	Upper
82	100	
128	45.9	34.2 51.2
54	53.0	38.6 58.0



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

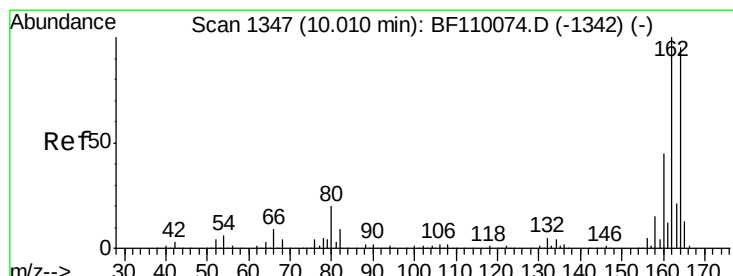
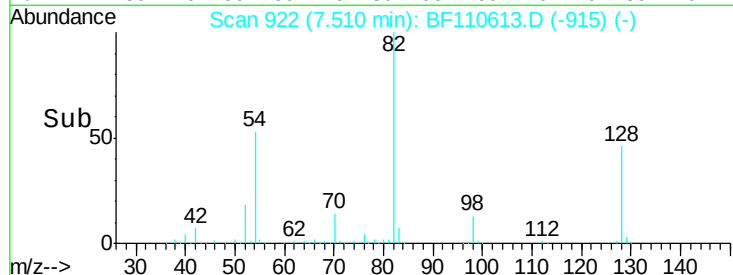
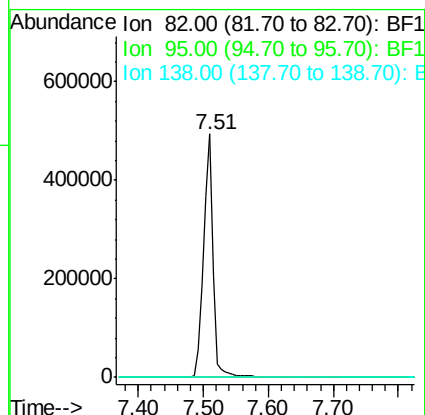
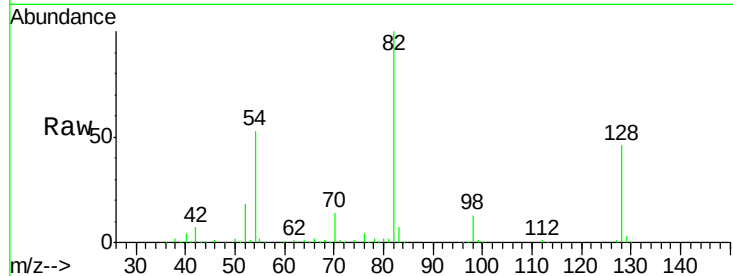




#25
Isophorone
Concen: 56.33 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF110613.D
Acq: 9 Nov 2018 4:59

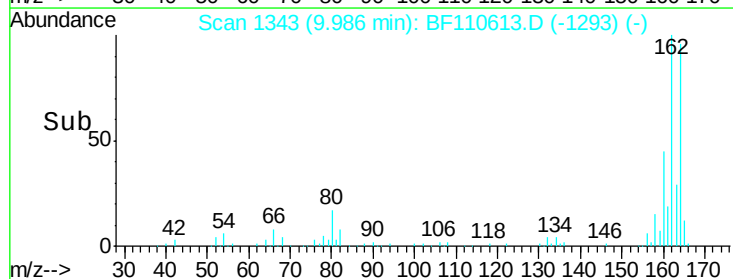
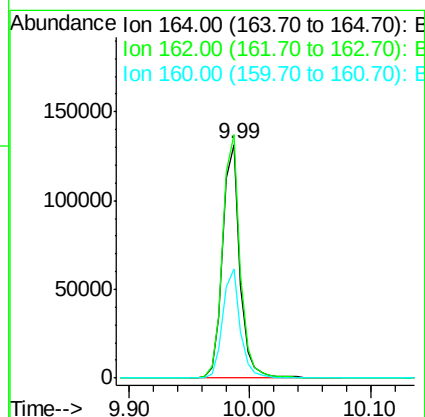
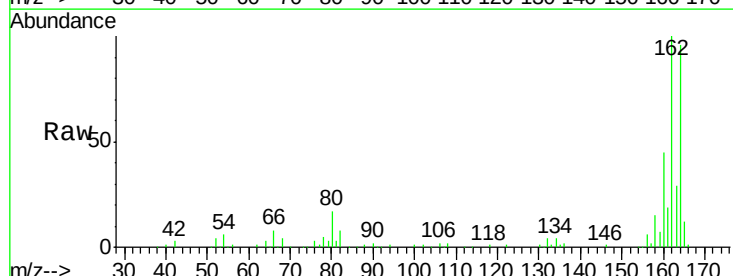
Instrument :
BNA_F
ClientSampleId :

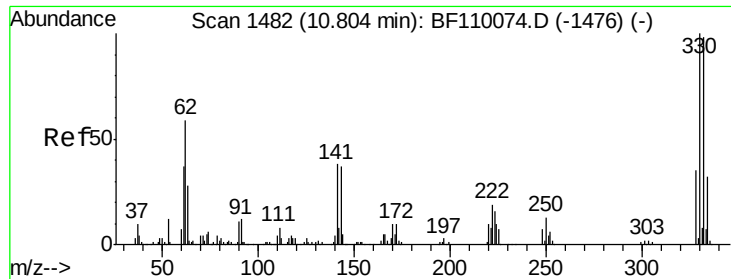
Tot Ion: 82 Resp: 499709
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110613.D
Acq: 9 Nov 2018 4:59

Tgt Ion:164 Resp: 129996
Ion Ratio Lower Upper
164 100
162 104.1 83.0 124.6
160 46.9 37.0 55.6

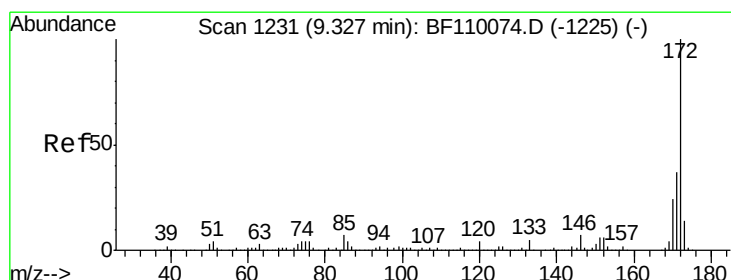
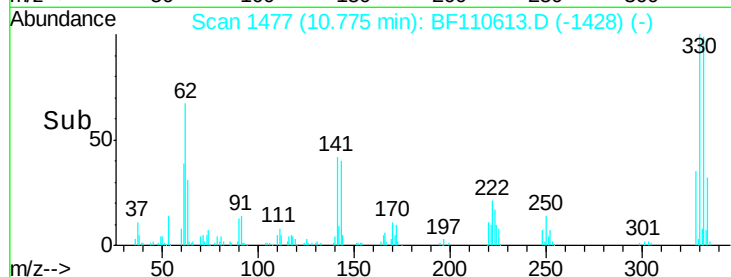
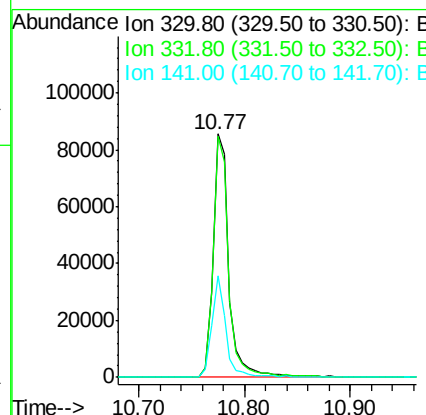
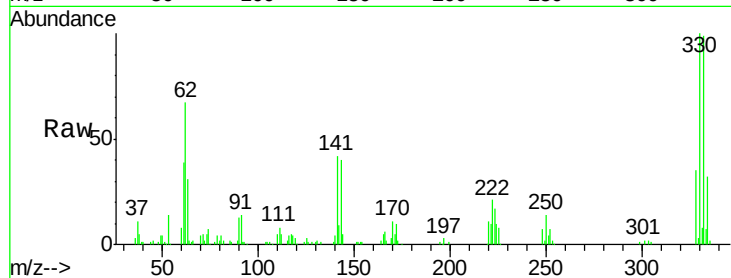




#42
 2,4,6-Tribromophenol
 Concen: 68.03 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BF110613.D
 Acq: 9 Nov 2018 4:59

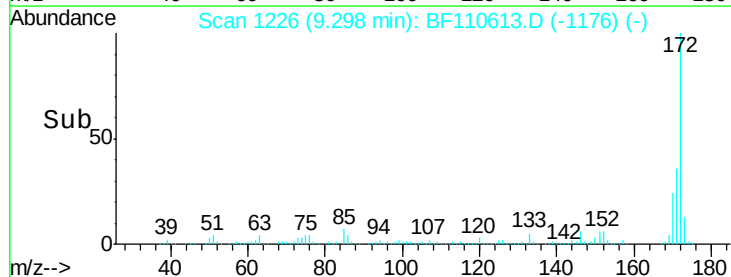
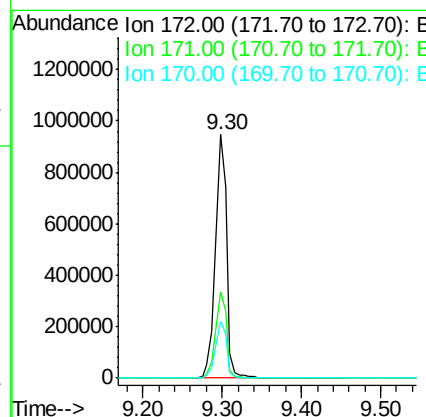
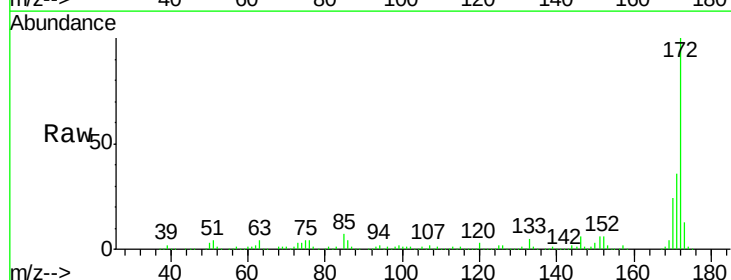
Instrument :
 BNA_F
 ClientSampleId :

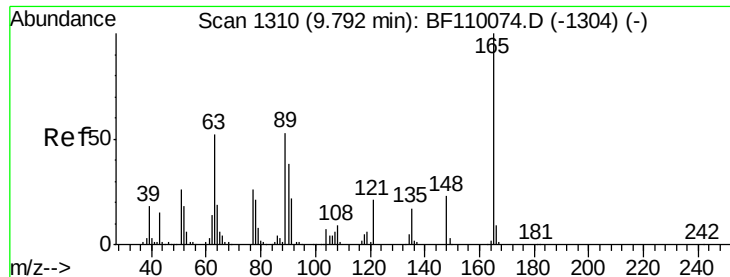
Tot Ion:330 Resp: 89107
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.1 115.7
 141 36.9 27.0 40.4



#45
 2-Fluorobiphenyl
 Concen: 101.77 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110613.D
 Acq: 9 Nov 2018 4:59

Tgt Ion:172 Resp: 926367
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.6 43.0
 170 23.5 19.7 29.5





#51

2,6-Dinitrotoluene

Concen: 7.63 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.21 min

Lab File: BF110613.D

Acq: 9 Nov 2018 4:59

Instrument :

BNA_F

ClientSampleId :

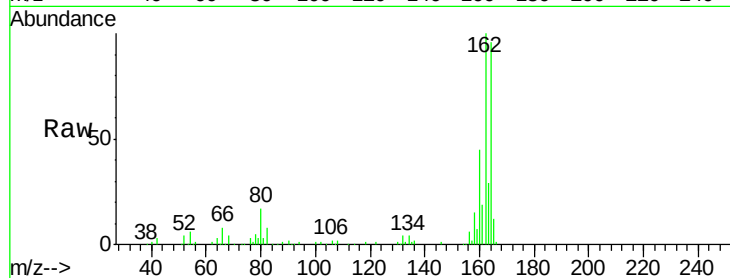
Tot Ion:165 Resp: 16282

Ion Ratio Lower Upper

165 100

63 0.0 48.9 73.3#

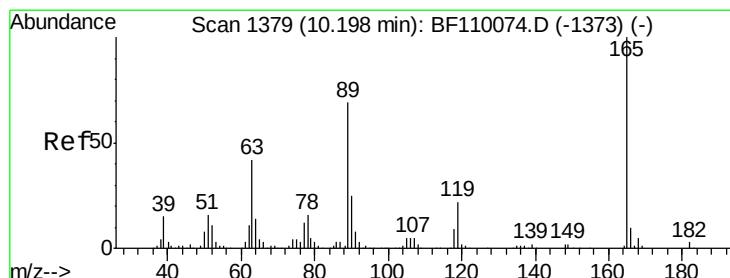
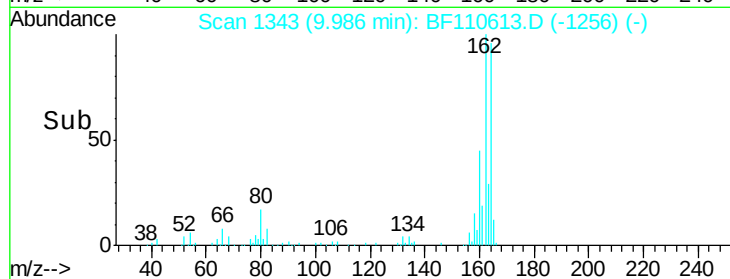
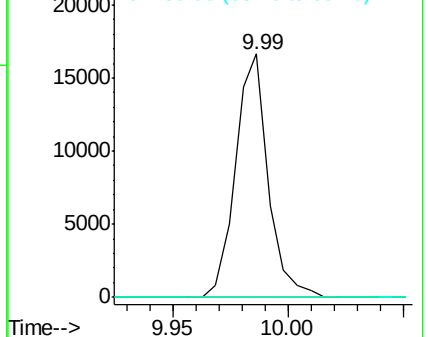
89 0.0 46.6 69.8#



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: 5.87 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.20 min

Lab File: BF110613.D

Acq: 9 Nov 2018 4:59

Tgt Ion:165 Resp: 16282

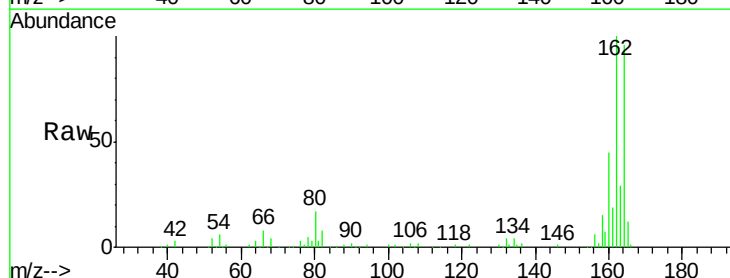
Ion Ratio Lower Upper

165 100

63 0.0 44.8 67.2#

89 0.0 62.2 93.4#

182 0.0 2.1 3.1#

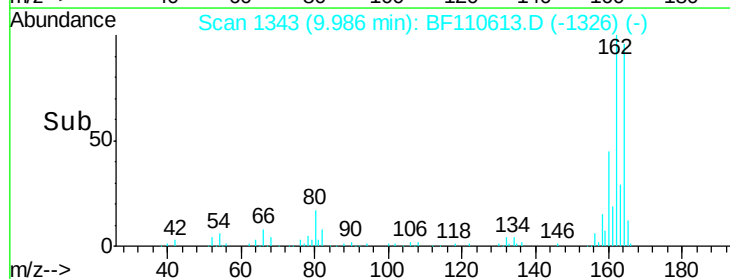
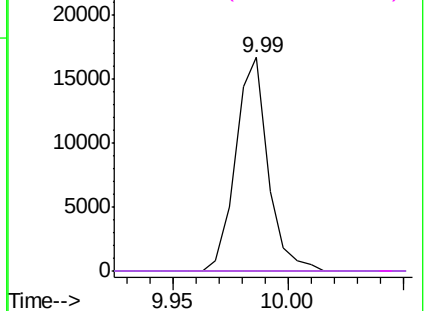


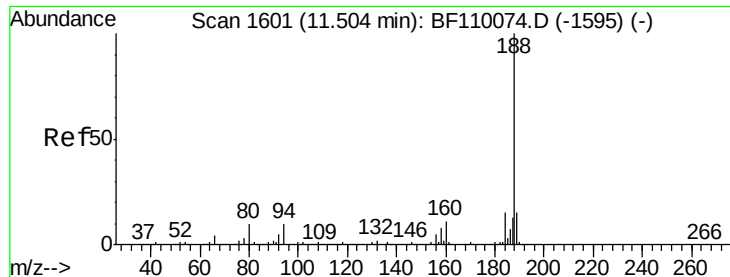
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF110613.D

Acq: 9 Nov 2018 4:59

Instrument :

BNA_F

ClientSampled :

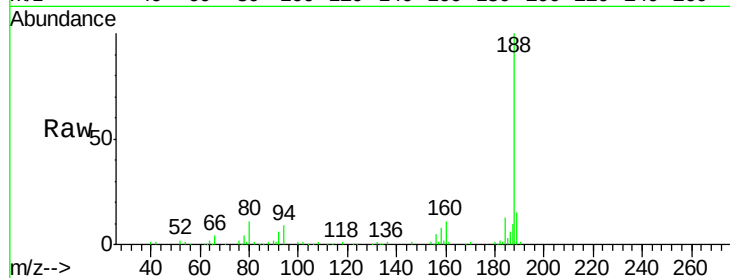
Tot Ion:188 Resp: 199698

Ion Ratio Lower Upper

188 100

94 9.3 7.2 10.8

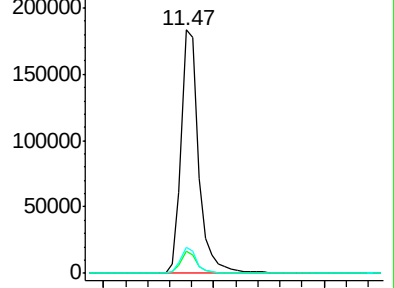
80 10.6 7.9 11.9



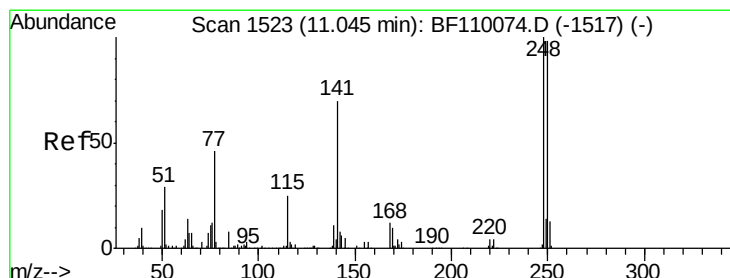
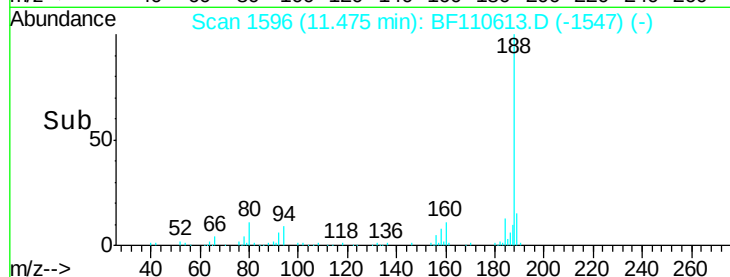
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->



#67

4-Bromophenyl-phenylether

Concen: 2.44 ng

RT: 10.77 min Scan# 1477

Delta R.T. -0.25 min

Lab File: BF110613.D

Acq: 9 Nov 2018 4:59

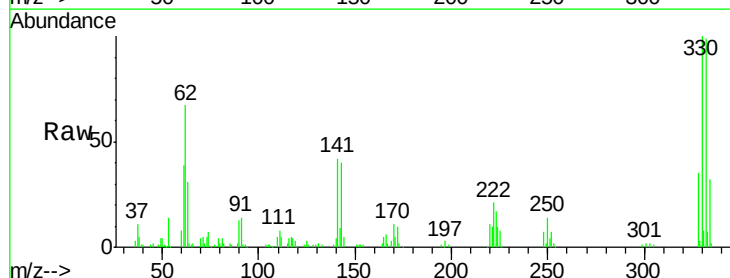
Tgt Ion:248 Resp: 5384

Ion Ratio Lower Upper

248 100

250 206.0 79.4 119.2#

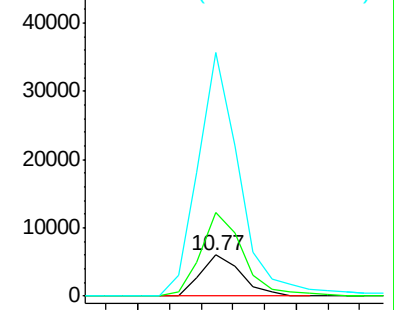
141 597.4 55.9 83.9#



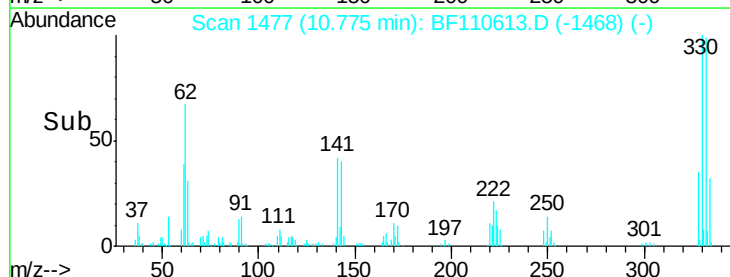
Abundance Ion 248.00 (247.70 to 248.70): E

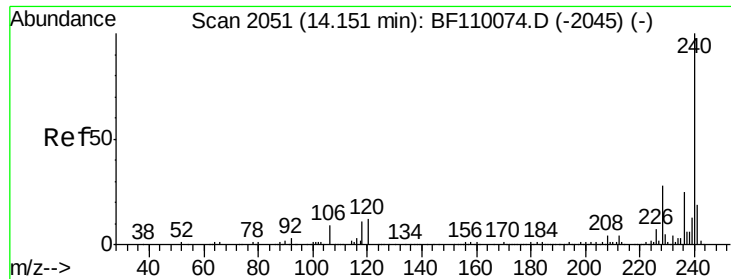
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->

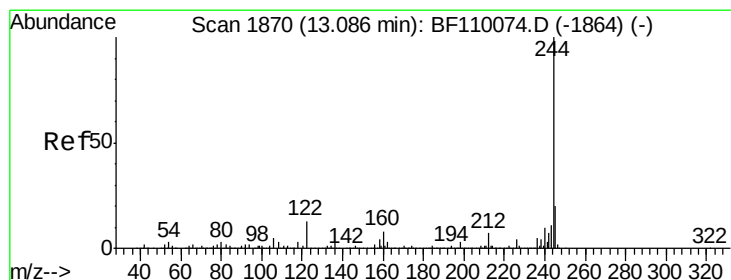
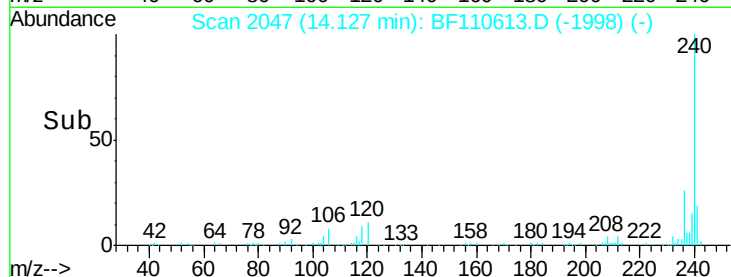
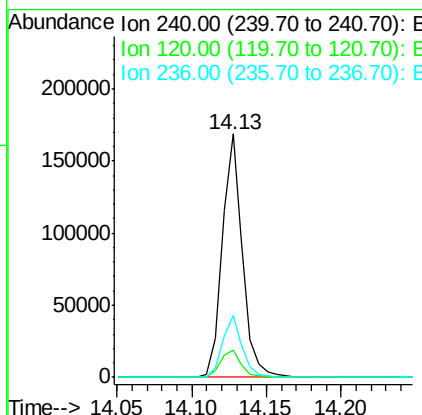
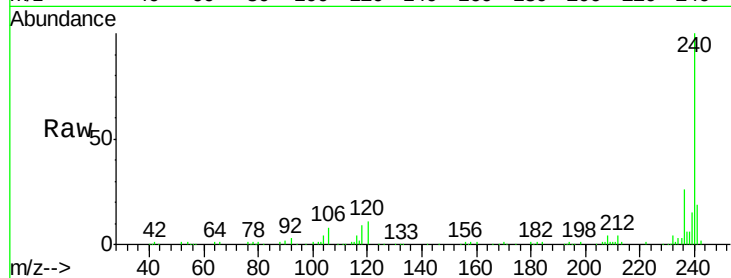




#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. -0.01 min
 Lab File: BF110613.D
 Acq: 9 Nov 2018 4:59

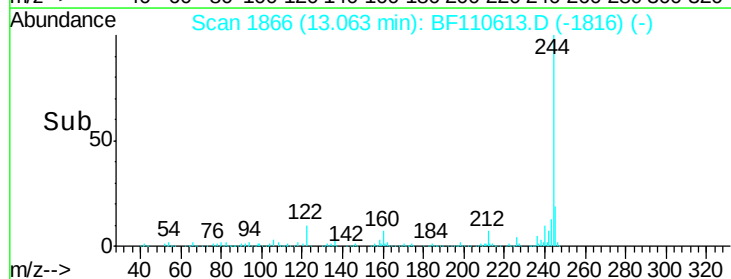
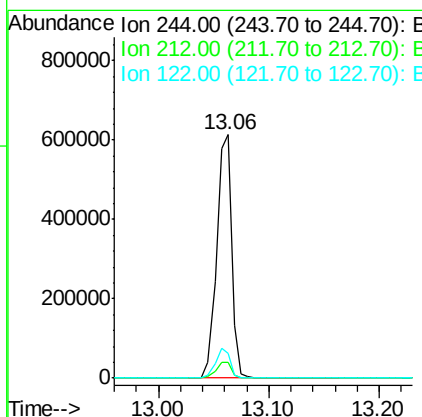
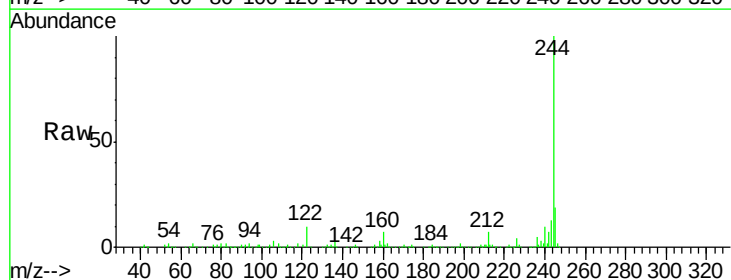
Instrument :
 BNA_F
 ClientSampleId :

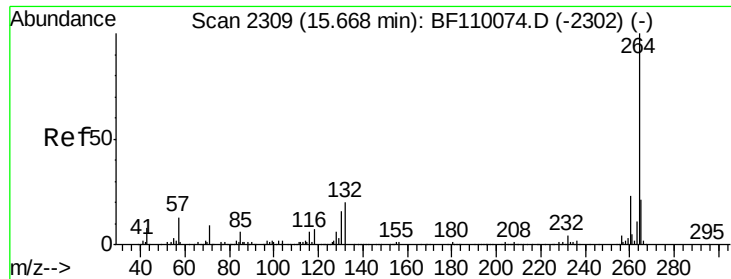
Tot Ion:240 Resp: 160848
 Ion Ratio Lower Upper
 240 100
 120 11.1 8.3 12.5
 236 25.6 21.2 31.8



#79
 Terphenyl-d14
 Concen: 67.31 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF110613.D
 Acq: 9 Nov 2018 4:59

Tgt Ion:244 Resp: 578099
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.8 8.8
 122 9.9 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: BF110613.D
 Acq: 9 Nov 2018 4:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	20.6	16.7	25.1

