

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
 Data File : BF110655.D
 Acq On : 10 Nov 2018 3:58
 Operator : JU/SJ
 Sample : J5881-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 11 03:27:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 09 15:13:13 2018
 Response via : Initial Calibration

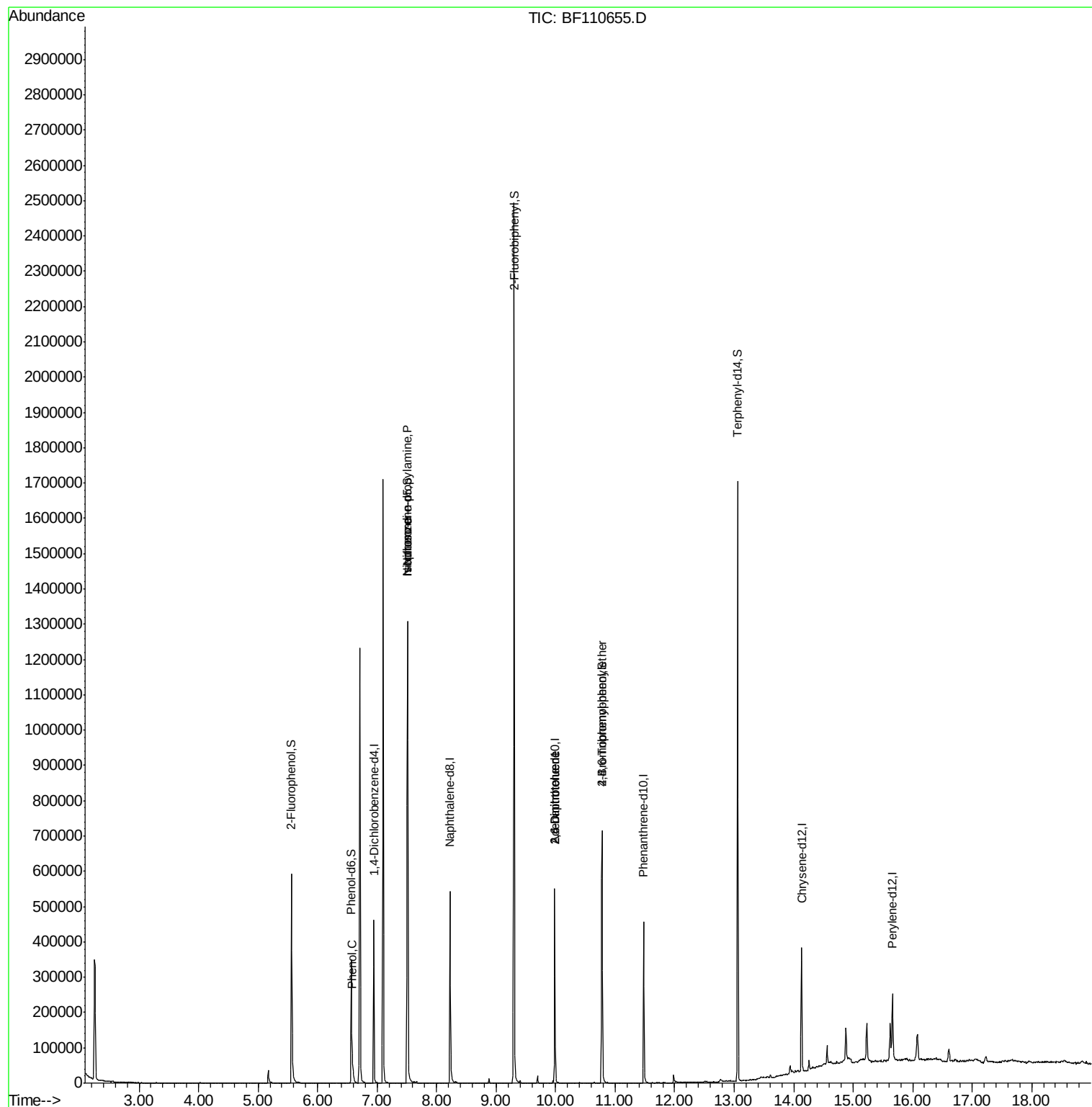
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	65882	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	268264	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	111590	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	175439	20.00	ng	0.00
76) Chrysene-d12	14.13	240	128166	20.00	ng	0.00
87) Perylene-d12	15.66	264	92836	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	173798	42.85	ng	0.00
7) Phenol-d6	6.56	99	130597	25.18	ng	-0.01
23) Nitrobenzene-d5	7.51	82	452263	97.09	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	86804	77.20	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	824362	105.51	ng	0.00
79) Terphenyl-d14	13.06	244	518855	75.82	ng	0.00
Target Compounds						
10) Phenol	6.58	94	14753	2.453	ng	# 69
19) n-Nitroso-di-n-propylamine	7.51	70	60424	18.251	ng	# 80
25) Isophorone	7.51	82	452260	59.236	ng	# 67
51) 2,6-Dinitrotoluene	9.99	165	13728	7.495	ng	# 21
57) 2,4-Dinitrotoluene	9.99	165	13728	5.764	ng	# 17
67) 4-Bromophenyl-phenylether	10.78	248	5409	2.790	ng	# 1

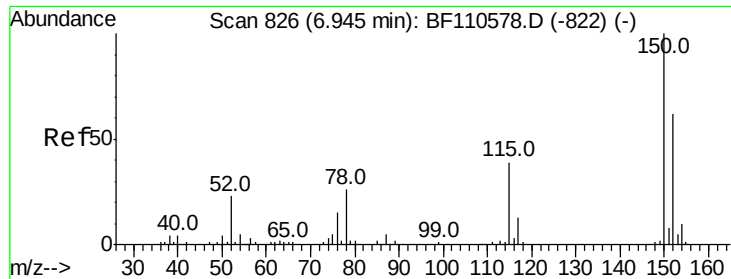
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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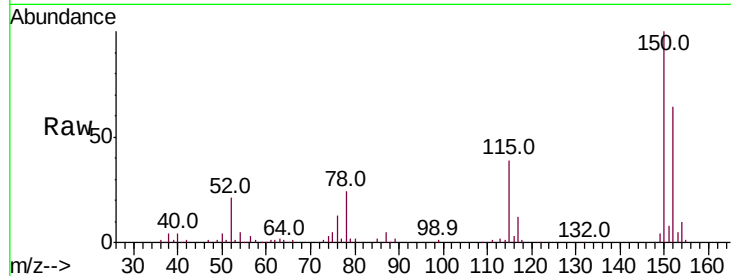


#1

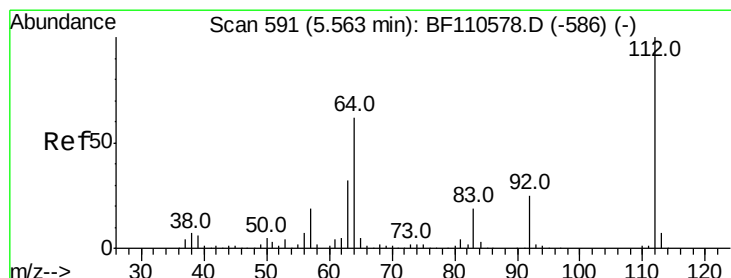
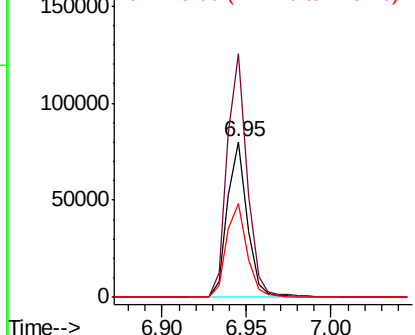
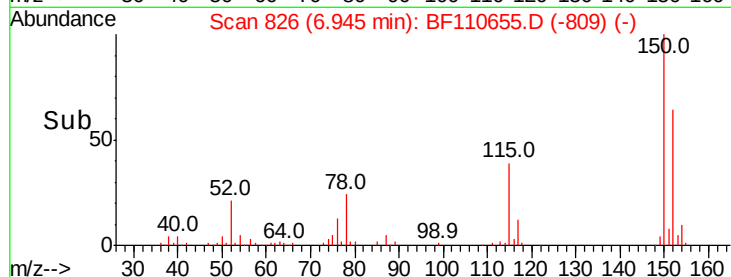
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110655.D
Acq: 10 Nov 2018 3:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 65882
Ion Ratio Lower Upper
152 100
150 156.7 122.7 184.1
115 60.4 49.1 73.7



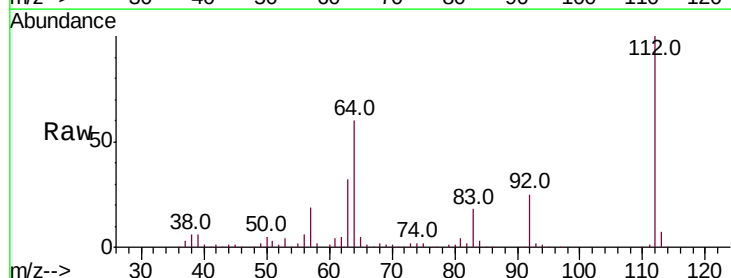
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



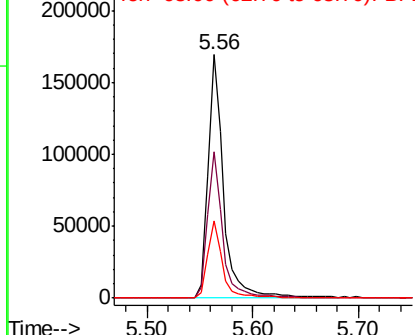
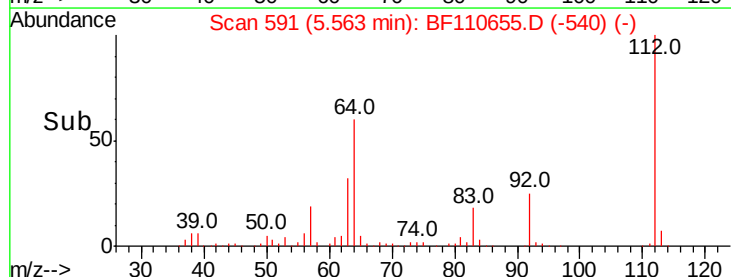
#5

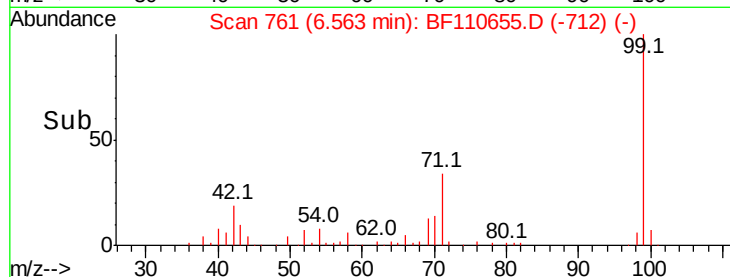
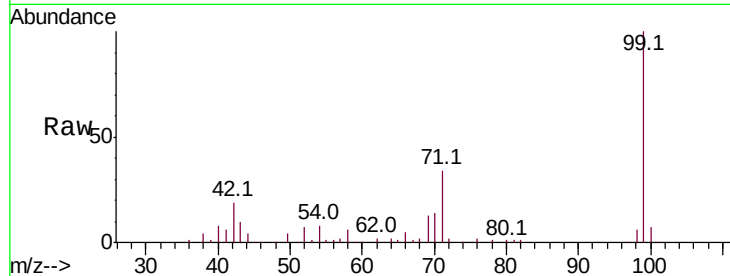
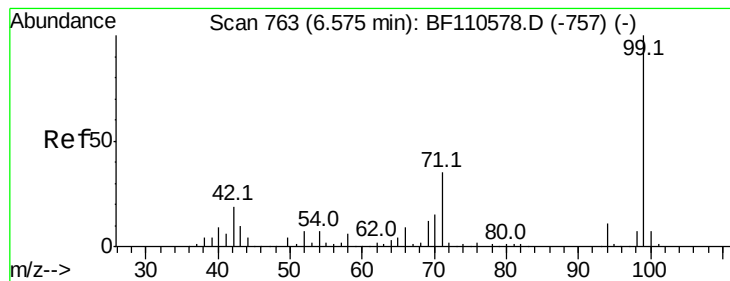
2-Fluorophenol
Concen: 42.850 ng
RT: 5.56 min Scan# 591
Delta R.T. -0.00 min
Lab File: BF110655.D
Acq: 10 Nov 2018 3:58

Tgt Ion:112 Resp: 173798
Ion Ratio Lower Upper
112 100
64 60.0 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: 25.180 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110655.D

Acq: 10 Nov 2018 3:58

Instrument :

BNA_F

ClientSampleId :

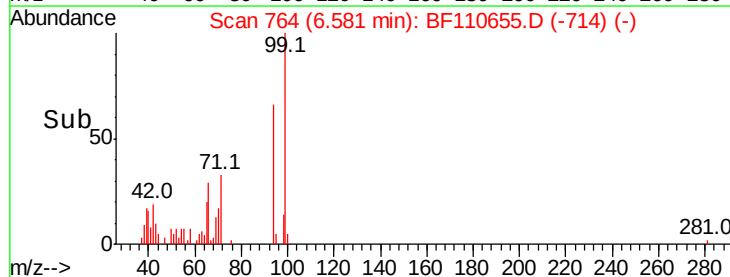
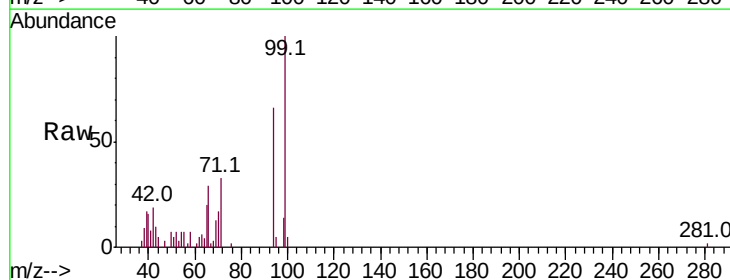
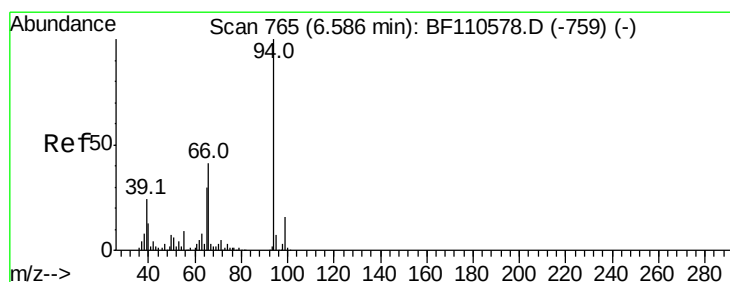
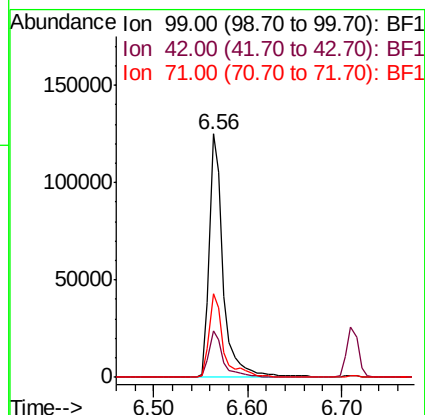
Tot Ion: 99 Resp: 130597

Ion Ratio Lower Upper

99 100

42 19.2 15.8 23.6

71 34.3 28.0 42.0



#10

Phenol

Concen: 2.453 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110655.D

Acq: 10 Nov 2018 3:58

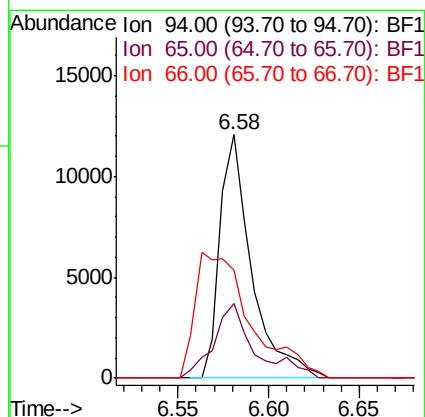
Tgt Ion: 94 Resp: 14753

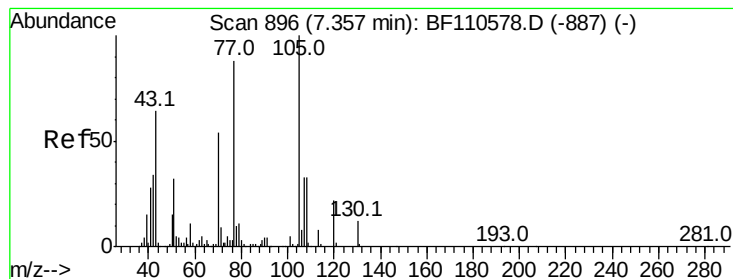
Ion Ratio Lower Upper

94 100

65 30.8 25.3 65.3

66 44.2 54.5 94.5#





#19

n-Nitroso-di-n-propylamine

Concen: 18.251 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.15 min

Lab File: BF110655.D

Acq: 10 Nov 2018 3:58

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 60424

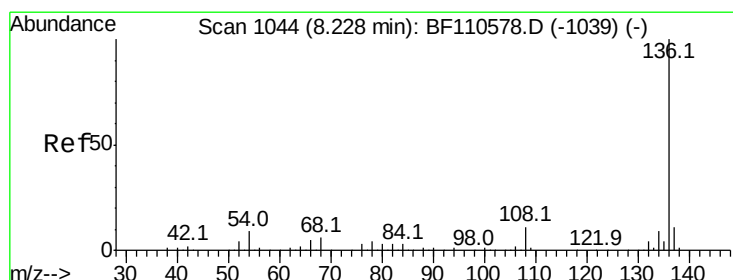
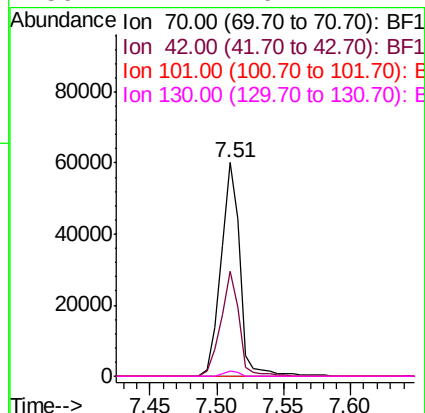
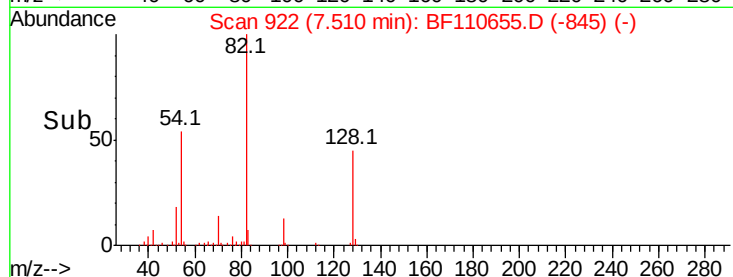
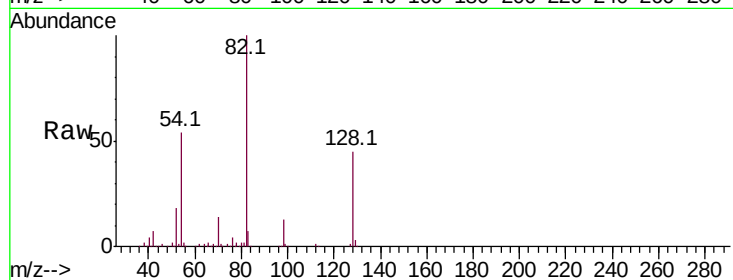
Ion Ratio Lower Upper

70 100

42 49.2 47.4 71.2

101 0.0 7.3 10.9#

130 2.7 16.2 24.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF110655.D

Acq: 10 Nov 2018 3:58

Tgt Ion: 136 Resp: 268264

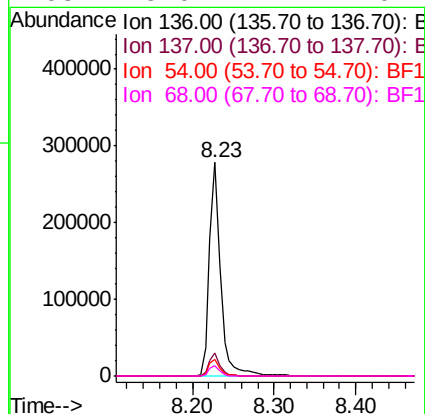
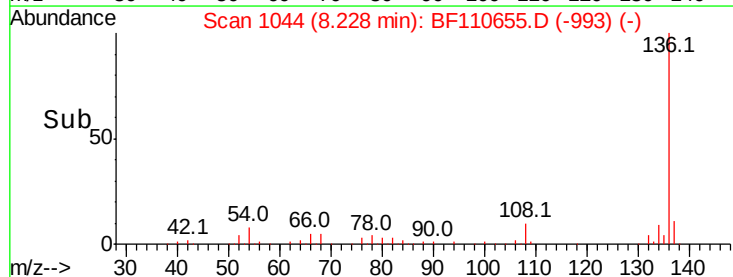
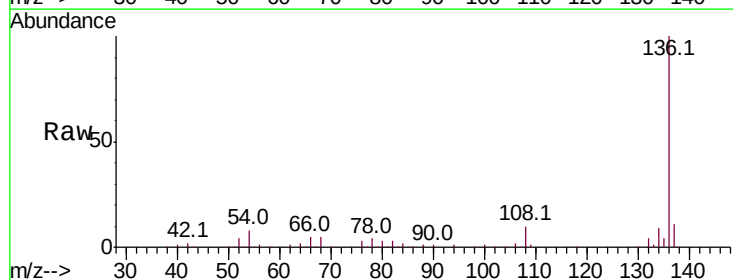
Ion Ratio Lower Upper

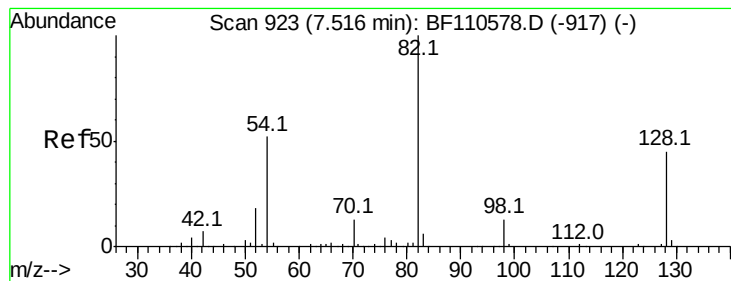
136 100

137 10.9 8.8 13.2

54 7.9 5.4 8.2

68 5.0 4.2 6.2





#23

Nitrobenzene-d5

Concen: 97.090 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF110655.D

Acq: 10 Nov 2018 3:58

Instrument :

BNA_F

ClientSampled :

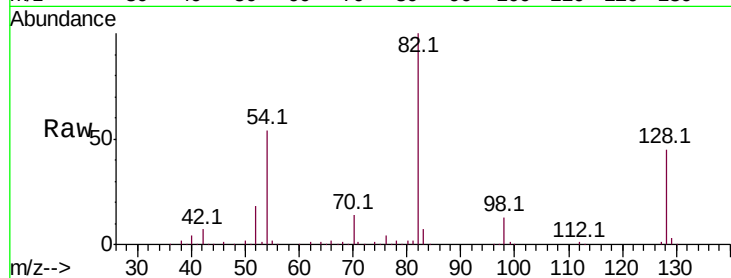
Tot Ion: 82 Resp: 452263

Ion Ratio Lower Upper

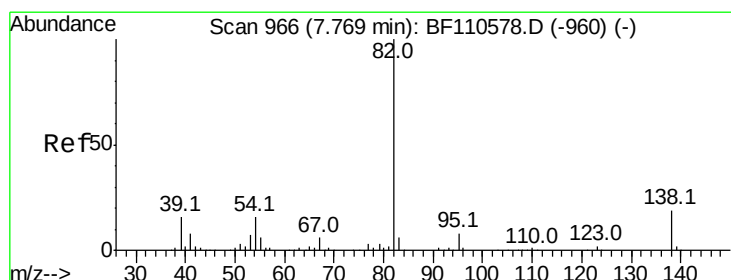
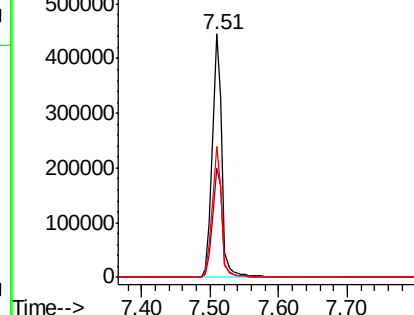
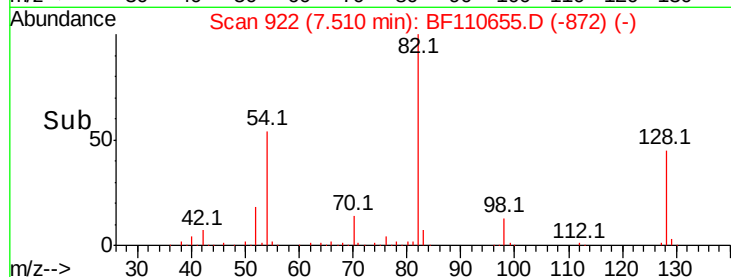
82 100

128 45.0 34.2 51.2

54 53.6 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: 59.236 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.26 min

Lab File: BF110655.D

Acq: 10 Nov 2018 3:58

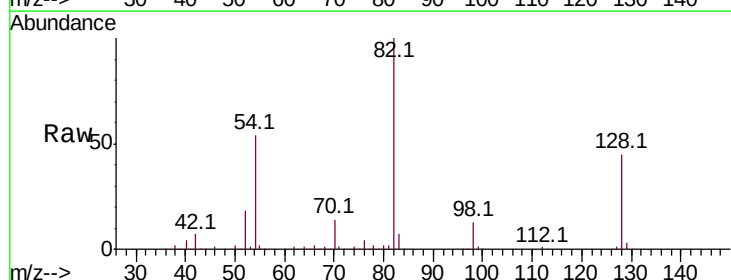
Tgt Ion: 82 Resp: 452260

Ion Ratio Lower Upper

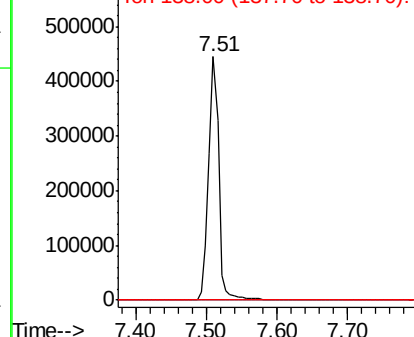
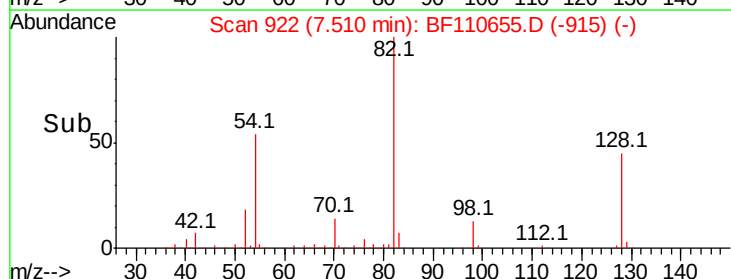
82 100

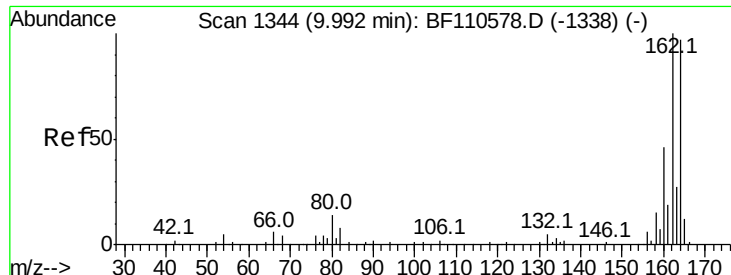
95 0.0 5.7 8.5#

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

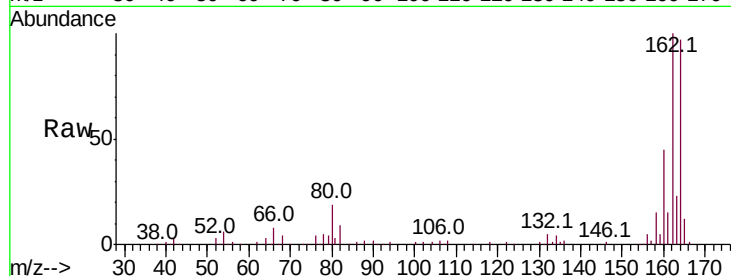




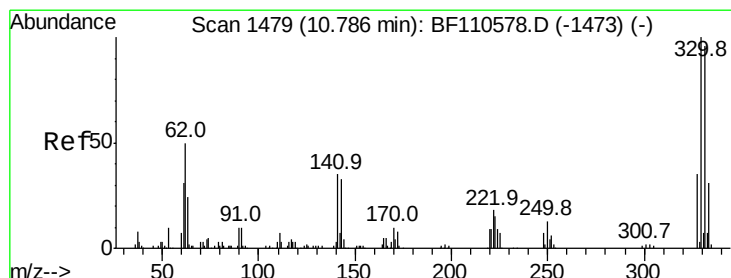
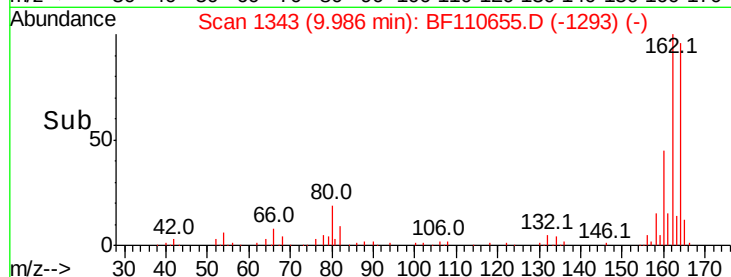
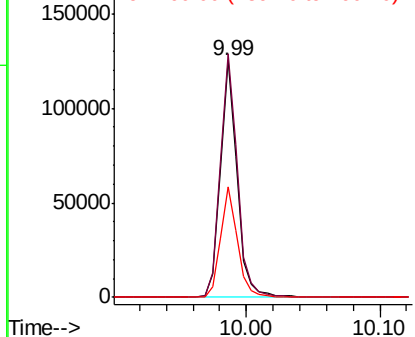
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110655.D
Acq: 10 Nov 2018 3:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 111590
Ion Ratio Lower Upper
164 100
162 102.7 83.0 124.6
160 46.6 37.0 55.6

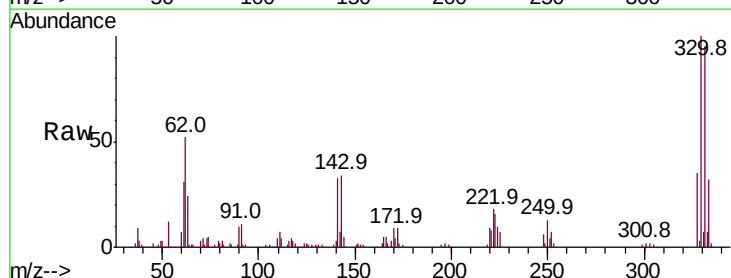


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

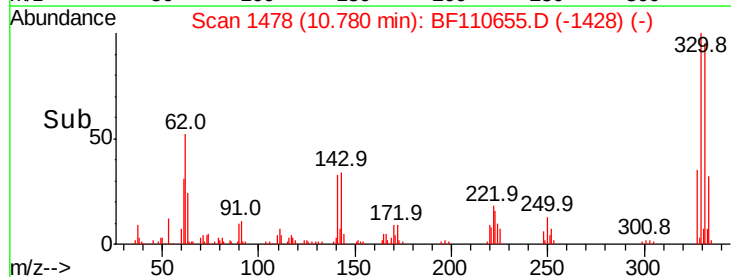
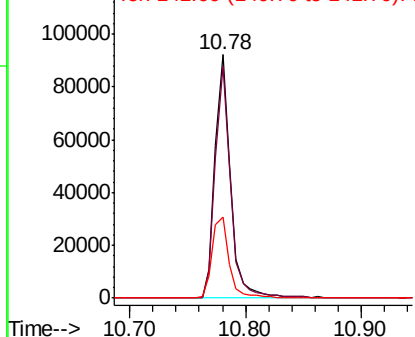


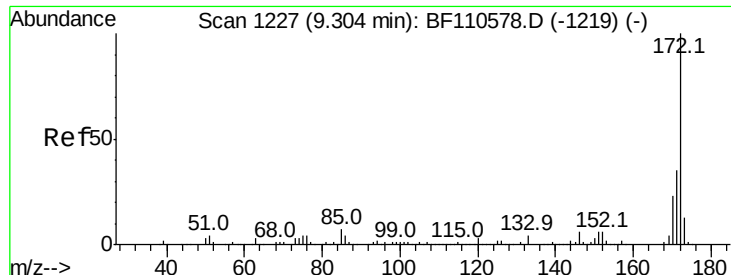
#42
2,4,6-Tribromophenol
Concen: 77.200 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110655.D
Acq: 10 Nov 2018 3:58

Tgt Ion:330 Resp: 86804
Ion Ratio Lower Upper
330 100
332 94.9 77.1 115.7
141 36.5 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

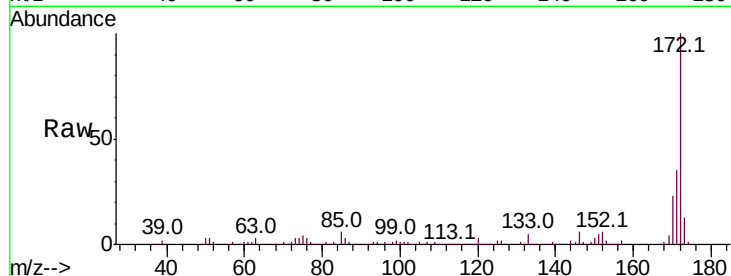




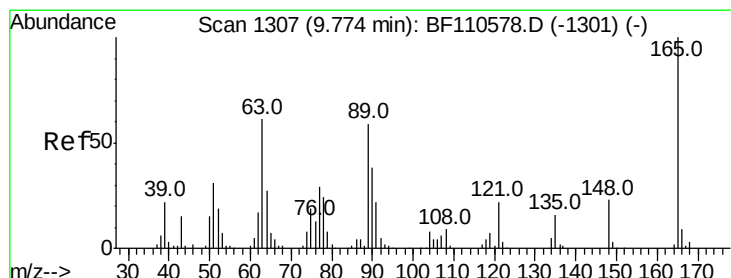
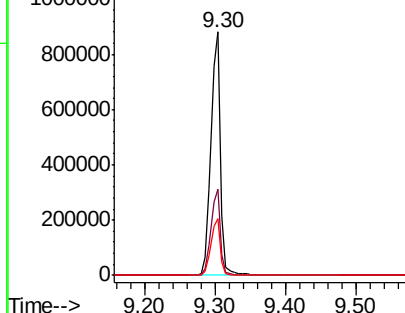
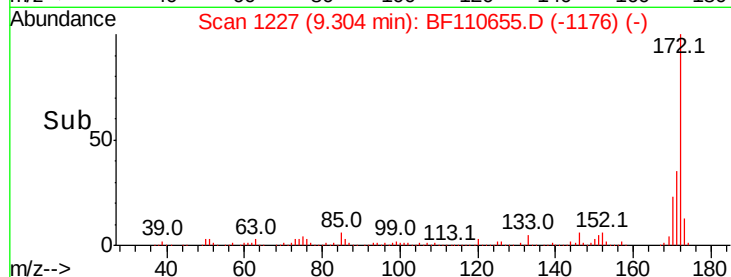
#45
 2-Fluorobiphenyl
 Concen: 105.506 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: BF110655.D
 Acq: 10 Nov 2018 3:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 824362
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 43.0
 170 23.5 19.7 29.5

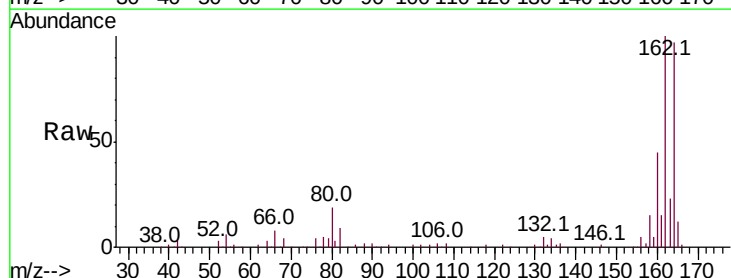


Abundance Ion 172.00 (171.70 to 172.70): E
 1200000
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

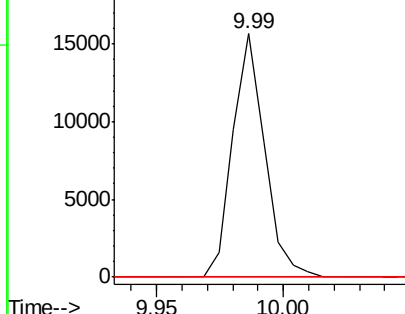
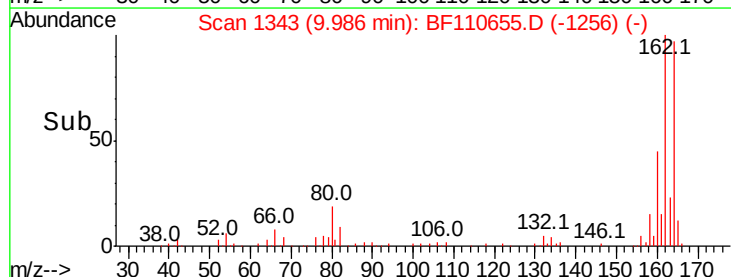


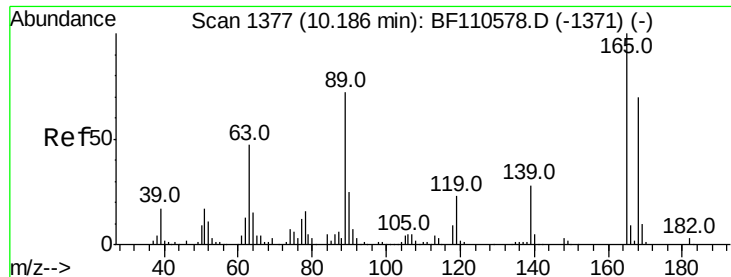
#51
 2,6-Dinitrotoluene
 Concen: 7.495 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.21 min
 Lab File: BF110655.D
 Acq: 10 Nov 2018 3:58

Tgt Ion:165 Resp: 13728
 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
 20000
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

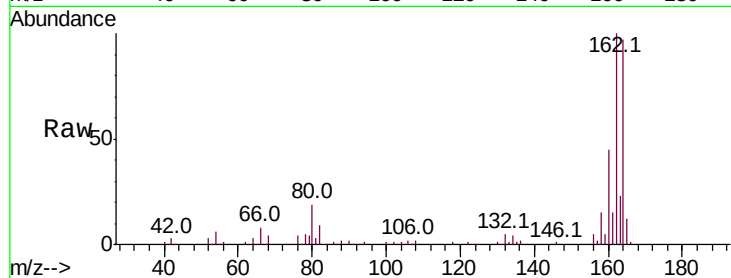




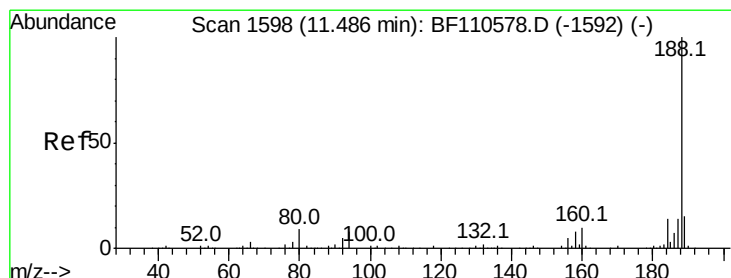
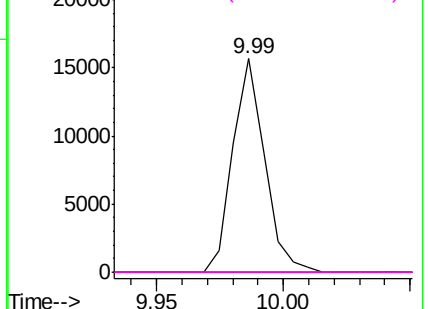
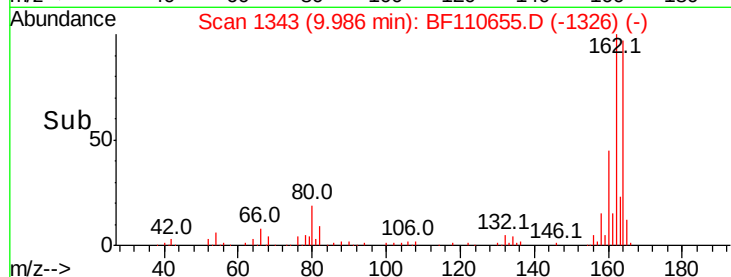
#57
 2,4-Dinitrotoluene
 Concen: 5.764 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.20 min
 Lab File: BF110655.D
 Acq: 10 Nov 2018 3:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 13728
 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#

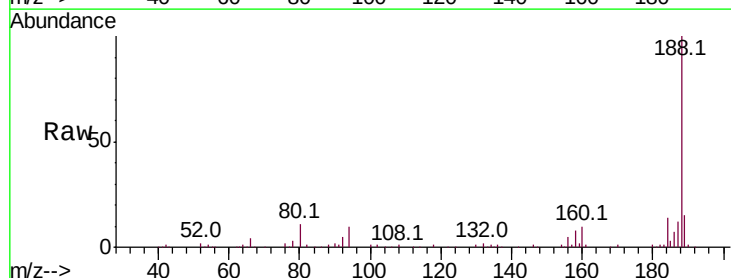


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

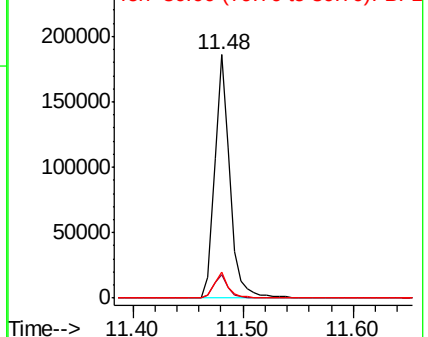
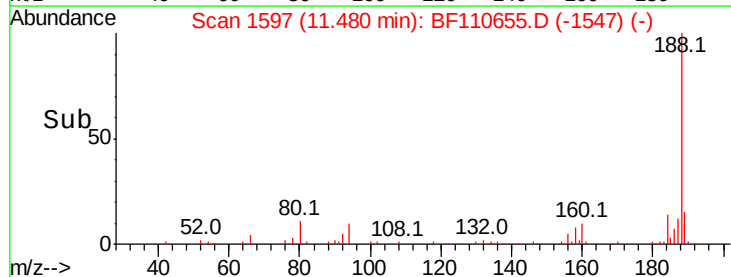


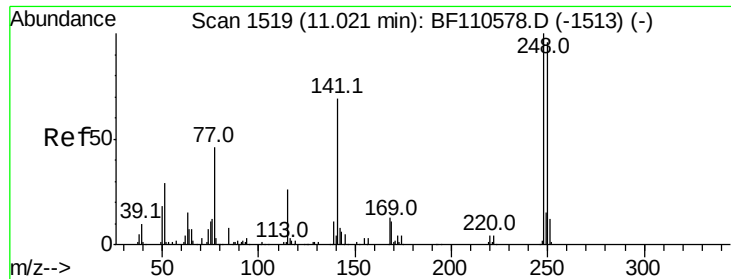
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110655.D
 Acq: 10 Nov 2018 3:58

Tgt Ion:188 Resp: 175439
 Ion Ratio Lower Upper
 188 100
 94 9.6 7.2 10.8
 80 10.8 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

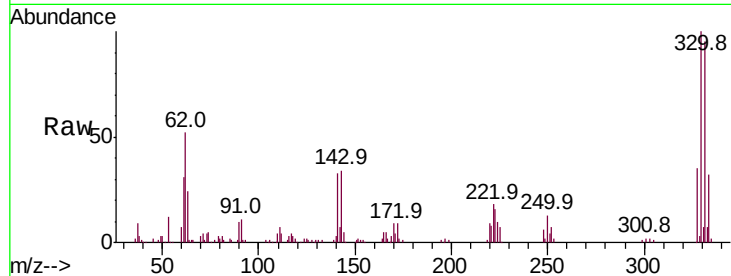




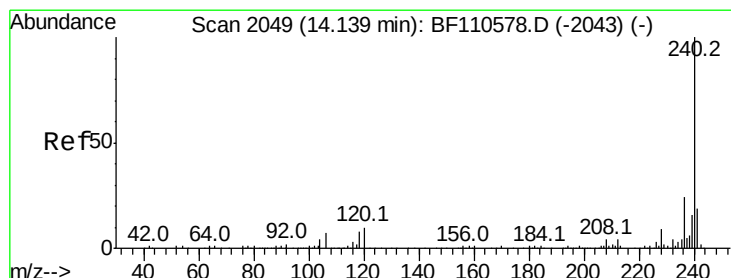
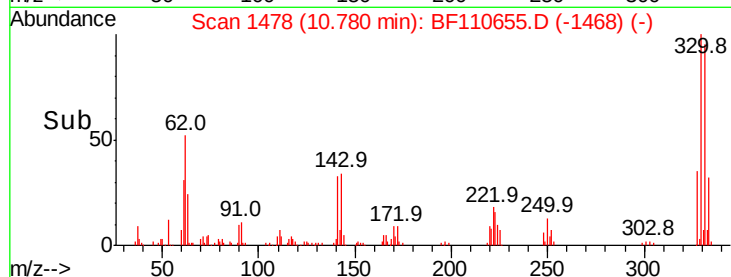
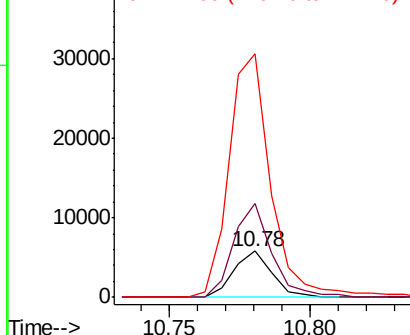
#67
 4-Bromophenyl-phenylether
 Concen: 2.790 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.24 min
 Lab File: BF110655.D
 Acq: 10 Nov 2018 3:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 5409
 Ion Ratio Lower Upper
 248 100
 250 205.6 79.4 119.2#
 141 529.8 55.9 83.9#

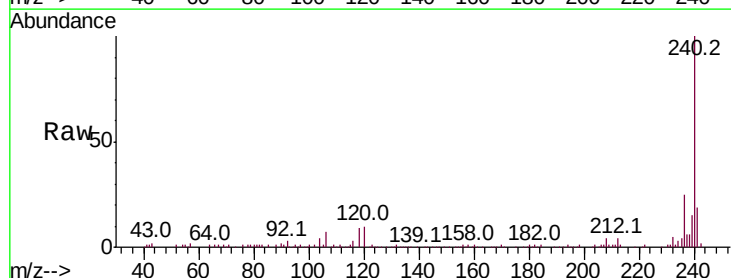


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

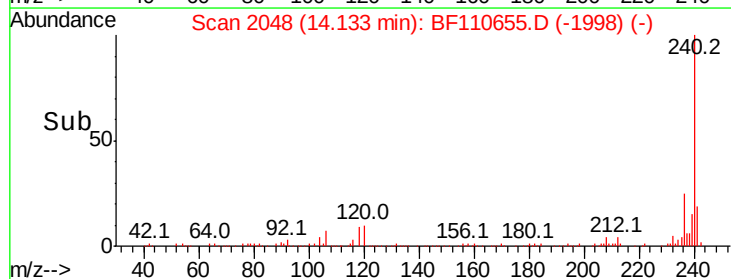
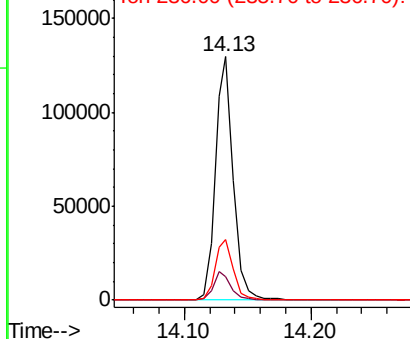


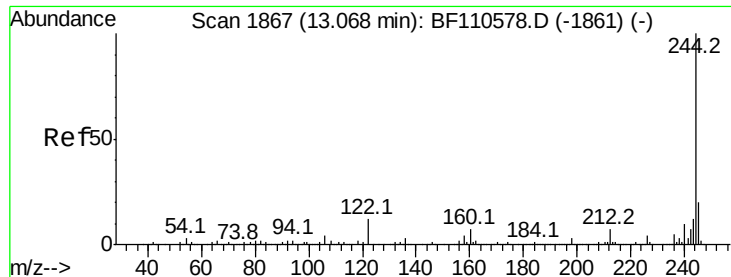
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110655.D
 Acq: 10 Nov 2018 3:58

Tgt Ion:240 Resp: 128166
 Ion Ratio Lower Upper
 240 100
 120 9.8 8.3 12.5
 236 24.6 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: 75.815 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110655.D

Acq: 10 Nov 2018 3:58

Instrument :

BNA_F

ClientSampleId :

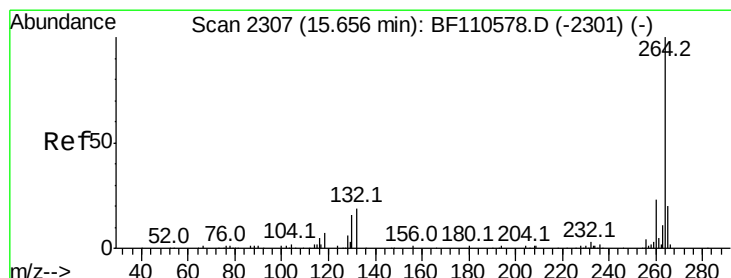
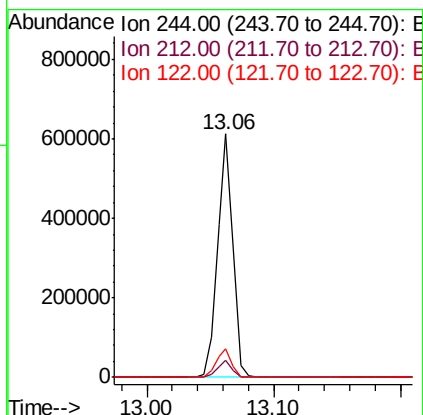
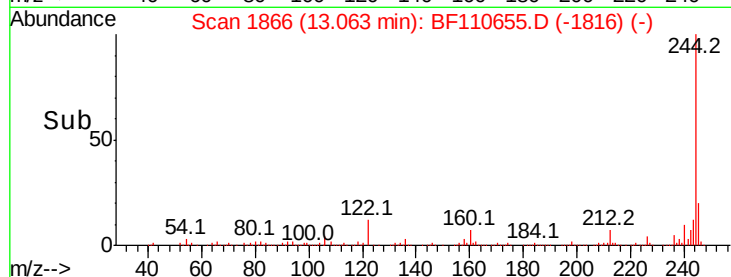
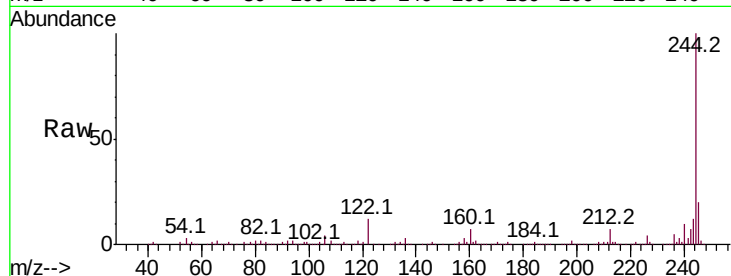
Tot Ion:244 Resp: 518855

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 12.0 8.7 13.1



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2308

Delta R.T. 0.01 min

Lab File: BF110655.D

Acq: 10 Nov 2018 3:58

Tgt Ion:264 Resp: 92836

Ion Ratio Lower Upper

264 100

260 22.9 18.7 28.1

265 21.2 16.7 25.1

