

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
 Data File : BF110633.D
 Acq On : 9 Nov 2018 17:58
 Operator : JU/SJ
 Sample : J5269-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 11 03:23:10 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

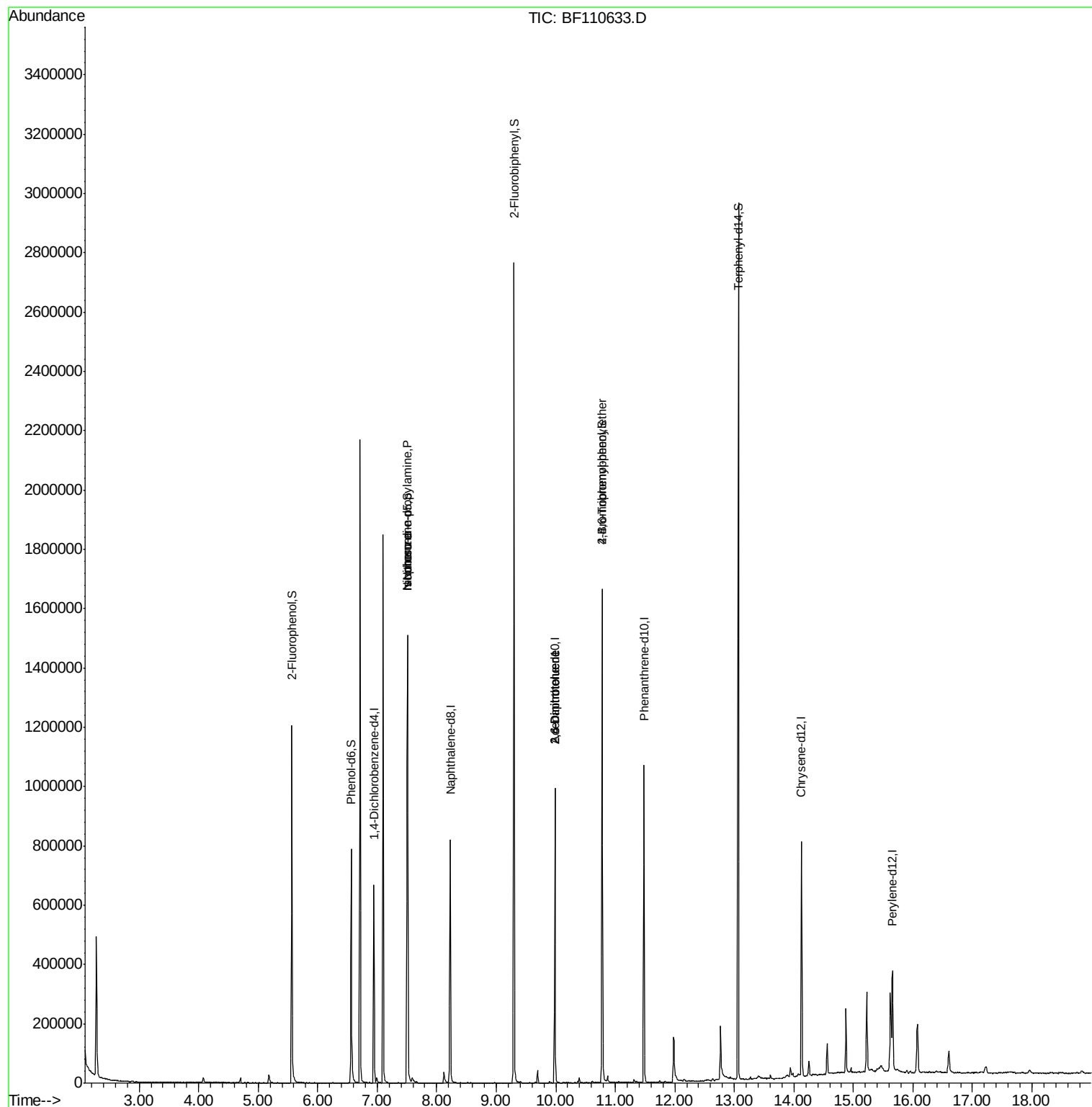
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	100614	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	410583	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	198867	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	383644	20.00	ng	0.00
76) Chrysene-d12	14.13	240	275464	20.00	ng	-0.01
87) Perylene-d12	15.66	264	176457	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	330331	53.33	ng	0.00
7) Phenol-d6	6.56	99	262876	33.19	ng	-0.01
23) Nitrobenzene-d5	7.51	82	558778	78.38	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	192044	95.84	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	964028	69.23	ng	0.00
79) Terphenyl-d14	13.07	244	1058310	71.95	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	72131	14.266	ng	# 79
25) Isophorone	7.51	82	558774	47.819	ng	# 67
51) 2,6-Dinitrotoluene	9.99	165	25022	7.665	ng	# 22
57) 2,4-Dinitrotoluene	9.99	165	25022	5.895	ng	# 18
67) 4-Bromophenyl-phenylether	10.78	248	12253	2.890	ng	# 1

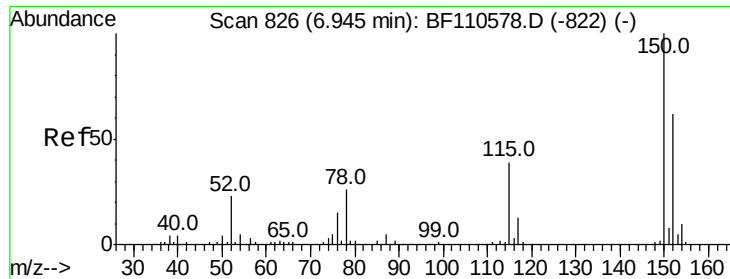
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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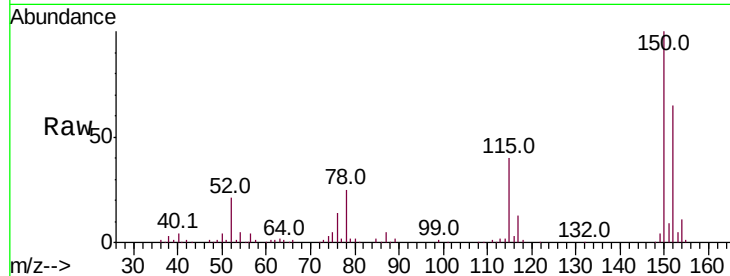


#1

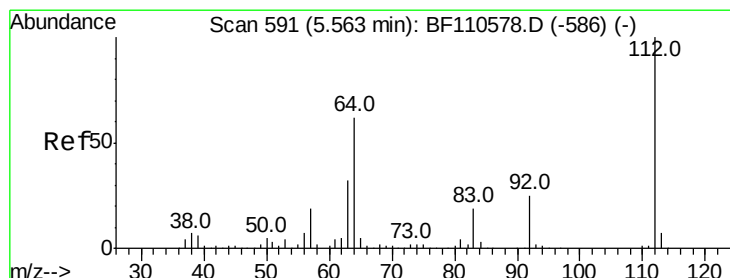
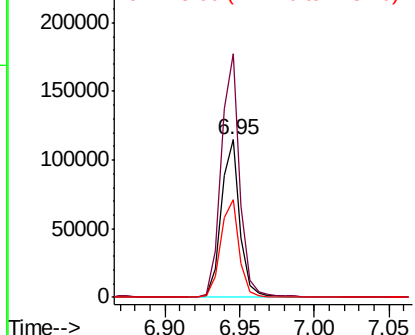
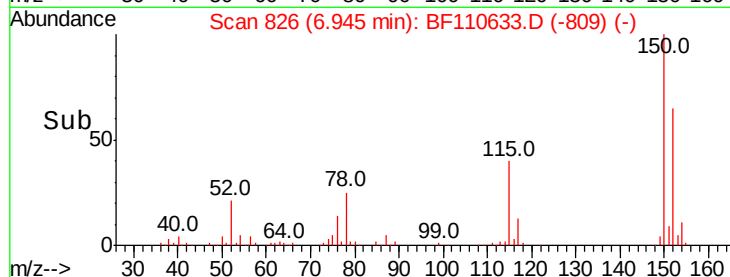
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF110633.D
 Acq: 9 Nov 2018 17:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 100614
 Ion Ratio Lower Upper
 152 100
 150 154.4 122.7 184.1
 115 61.9 49.1 73.7



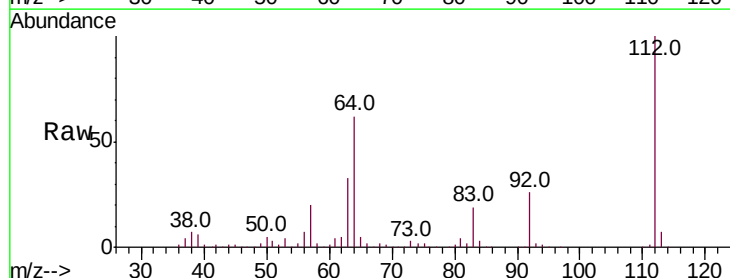
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



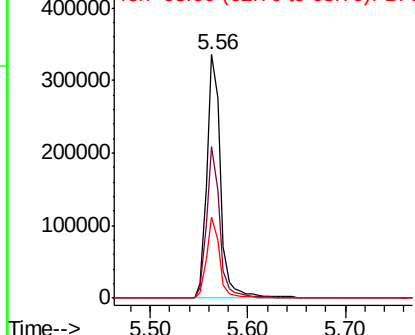
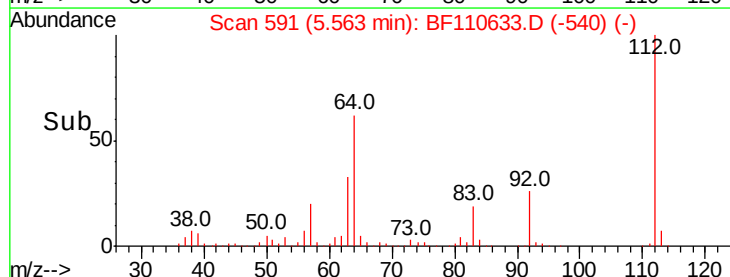
#5

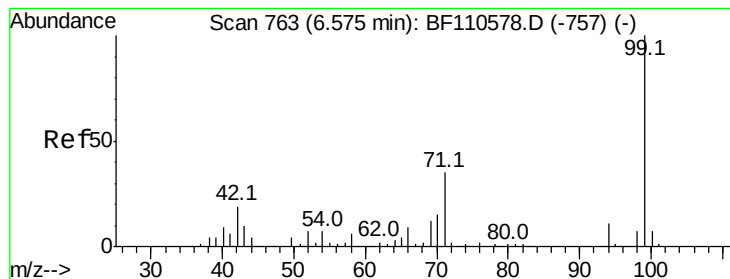
2-Fluorophenol
 Concen: 53.329 ng
 RT: 5.56 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF110633.D
 Acq: 9 Nov 2018 17:58

Tgt Ion:112 Resp: 330331
 Ion Ratio Lower Upper
 112 100
 64 62.3 44.1 66.1
 63 33.4 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: 33.187 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110633.D

Acq: 9 Nov 2018 17:58

Instrument :

BNA_F

ClientSampleId :

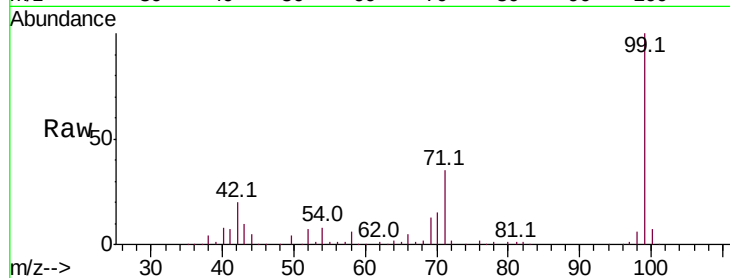
Tot Ion: 99 Resp: 262876

Ion Ratio Lower Upper

99 100

42 19.9 15.8 23.6

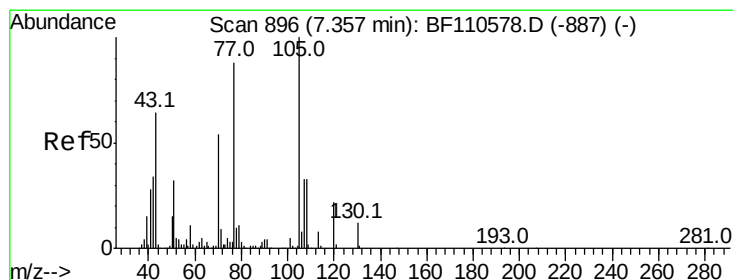
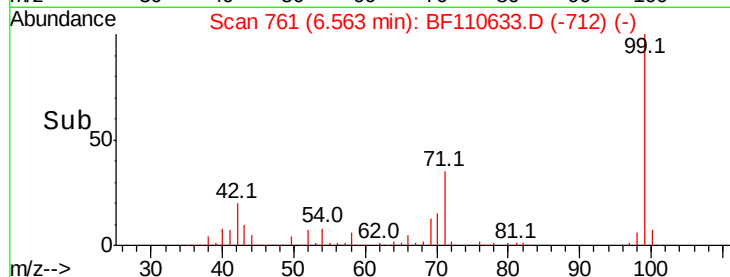
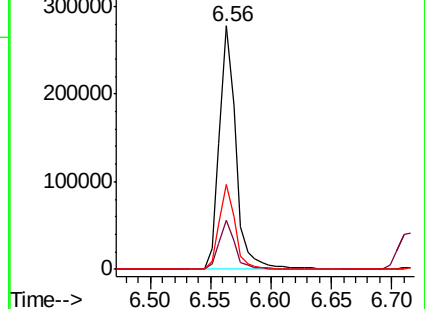
71 34.8 28.0 42.0



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: 14.266 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.15 min

Lab File: BF110633.D

Acq: 9 Nov 2018 17:58

Tgt Ion: 70 Resp: 72131

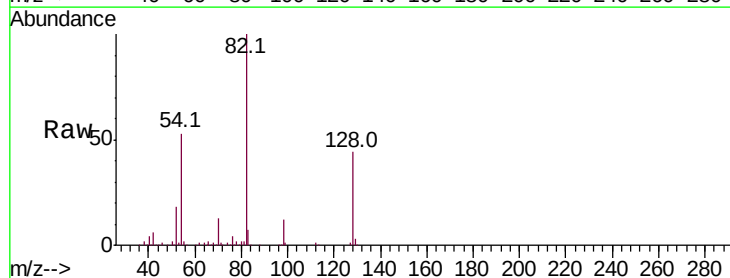
Ion Ratio Lower Upper

70 100

42 48.5 47.4 71.2

101 0.0 7.3 10.9#

130 2.4 16.2 24.2#

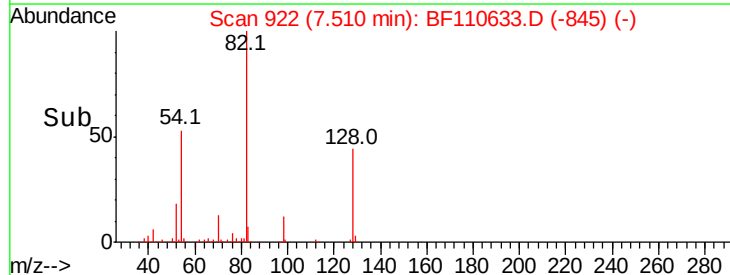
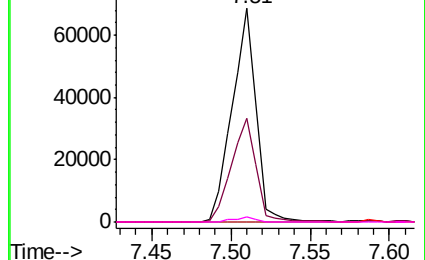


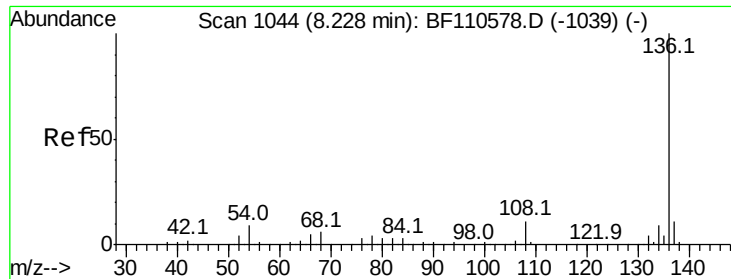
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

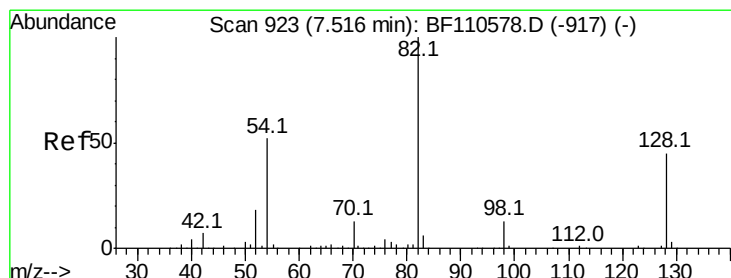
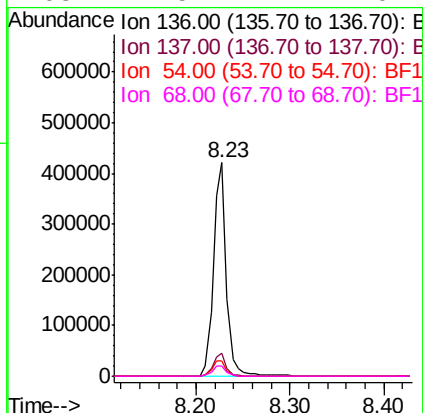
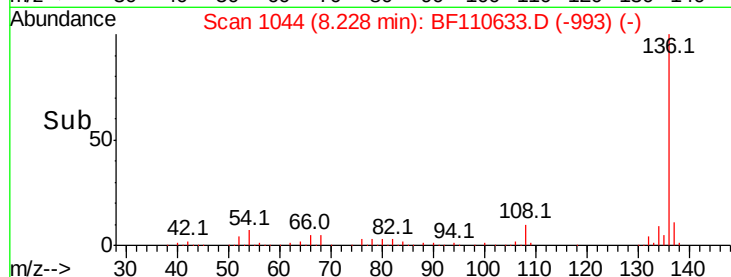
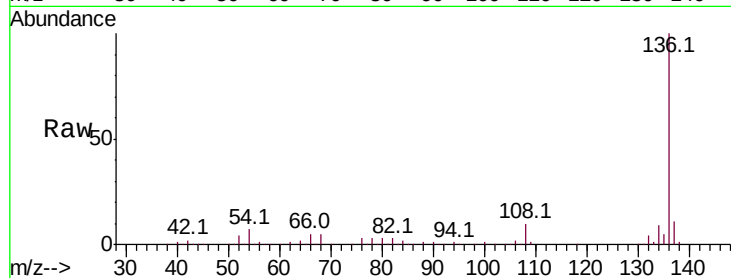




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110633.D
Acq: 9 Nov 2018 17:58

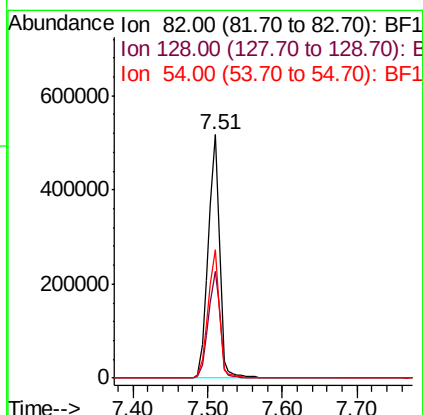
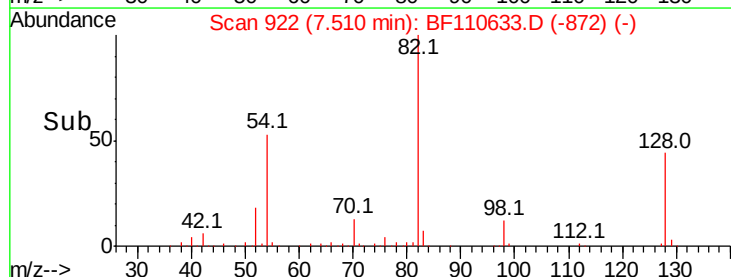
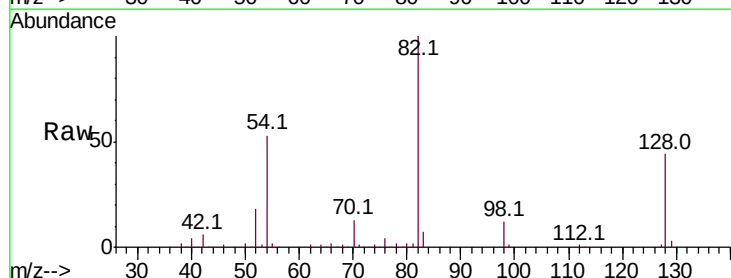
Instrument :
BNA_F
ClientSampleId :

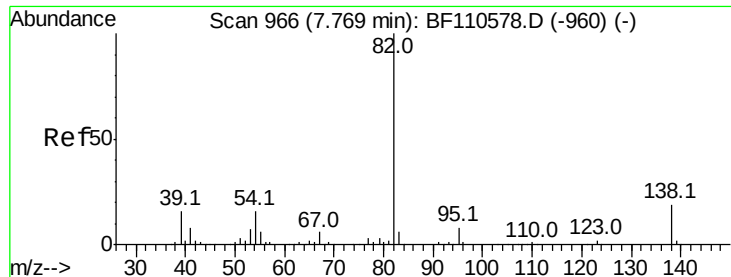
Tot Ion:136	Resp:	410583
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.8 13.2
54	7.4	5.4 8.2
68	4.5	4.2 6.2



#23
Nitrobenzene-d5
Concen: 78.376 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110633.D
Acq: 9 Nov 2018 17:58

Tgt Ion: 82	Resp:	558778
Ion	Ratio	Lower Upper
82	100	
128	43.9	34.2 51.2
54	52.8	38.6 58.0





#25

Isophorone

Concen: 47.819 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.26 min

Lab File: BF110633.D

Acq: 9 Nov 2018 17:58

Instrument :

BNA_F

ClientSampleId :

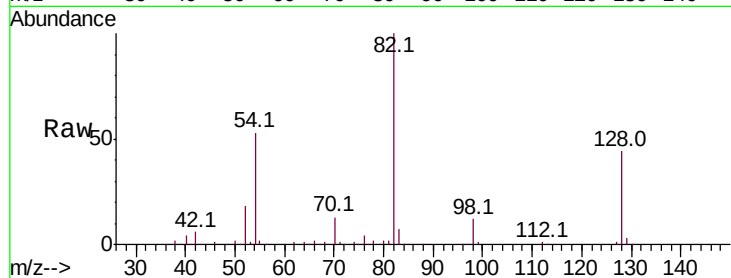
Tot Ion: 82 Resp: 558774

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

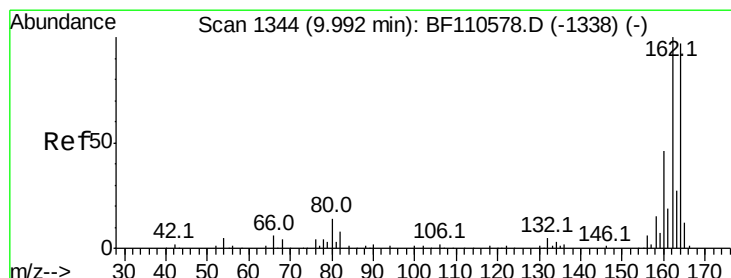
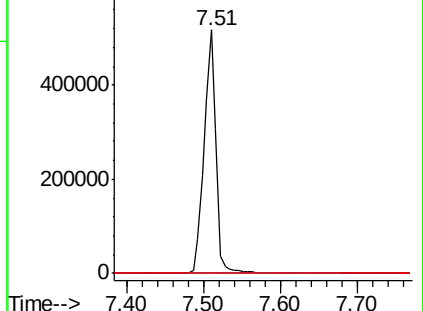
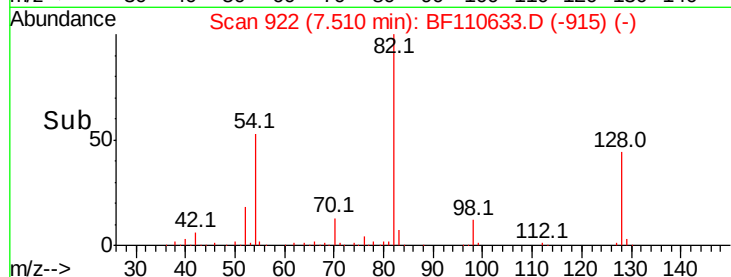
138 0.0 13.2 19.8#



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: BF110633.D

Acq: 9 Nov 2018 17:58

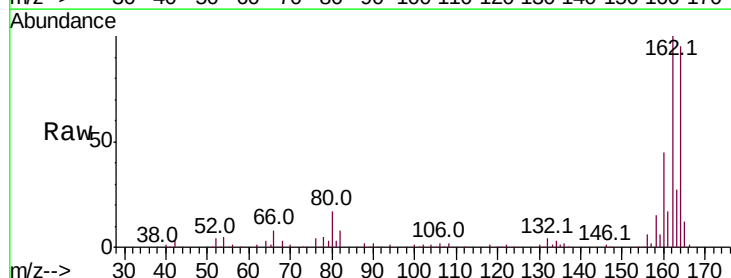
Tgt Ion:164 Resp: 198867

Ion Ratio Lower Upper

164 100

162 105.3 83.0 124.6

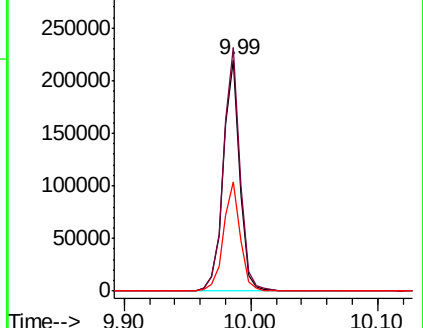
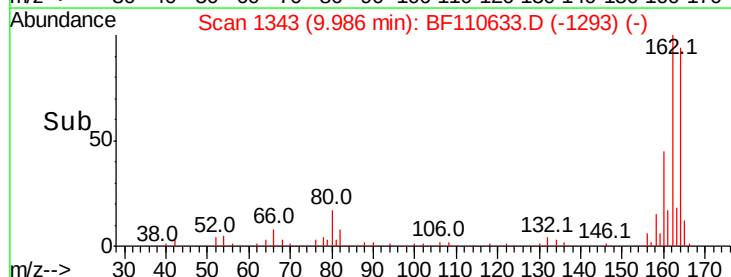
160 47.5 37.0 55.6

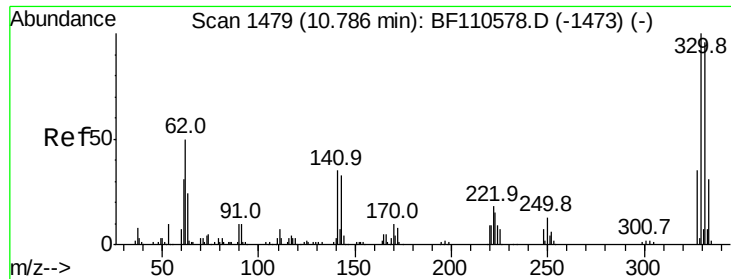


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

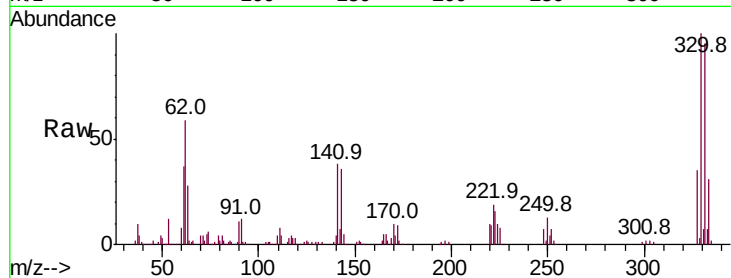




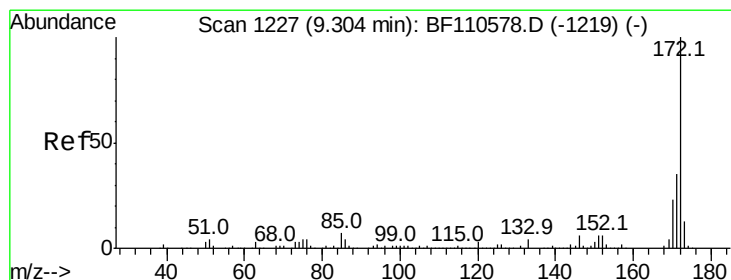
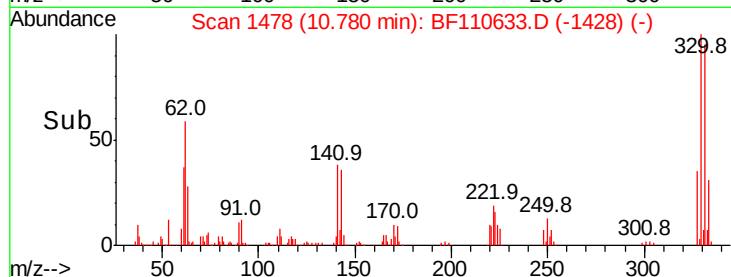
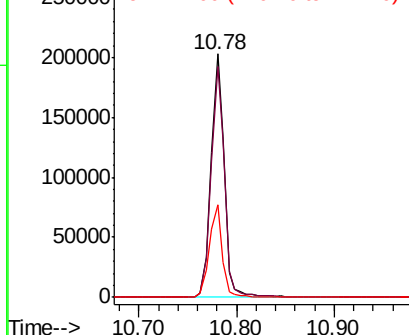
#42
 2,4,6-Tribromophenol
 Concen: 95.838 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110633.D
 Acq: 9 Nov 2018 17:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 192044
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.1 115.7
 141 37.2 27.0 40.4

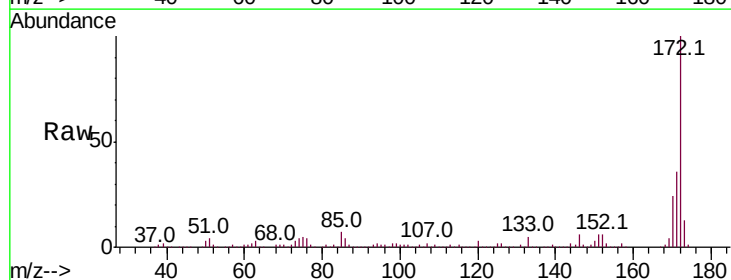


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

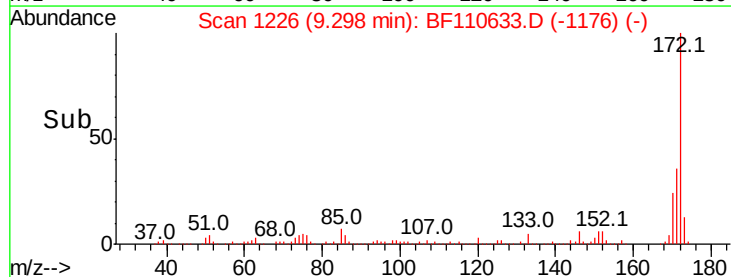
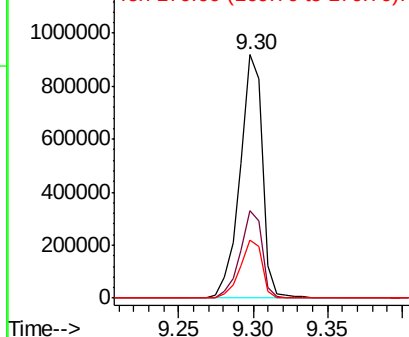


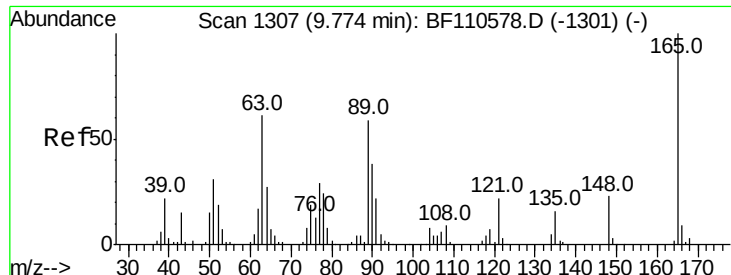
#45
 2-Fluorobiphenyl
 Concen: 69.233 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110633.D
 Acq: 9 Nov 2018 17:58

Tgt Ion:172 Resp: 964028
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 43.0
 170 23.8 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

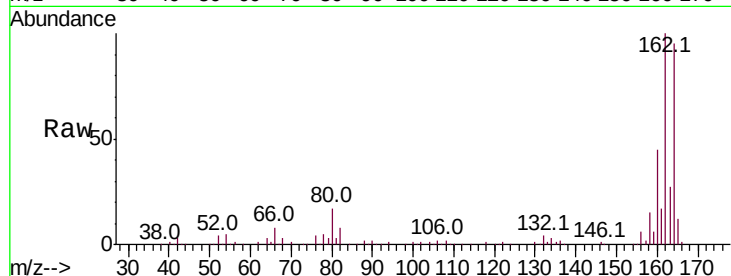




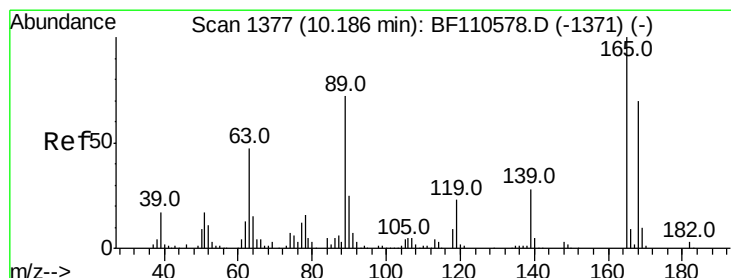
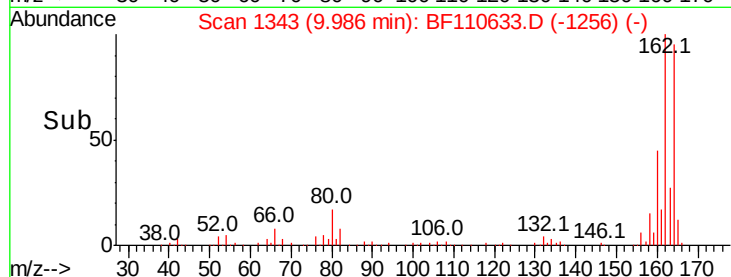
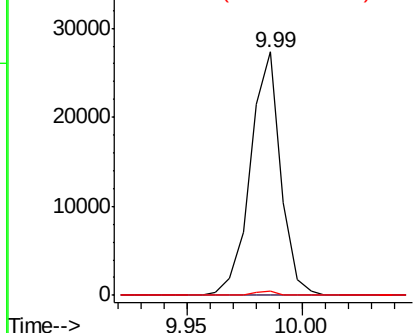
#51
 2,6-Dinitrotoluene
 Concen: 7.665 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.21 min
 Lab File: BF110633.D
 Acq: 9 Nov 2018 17:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	1.8	46.6	69.8#



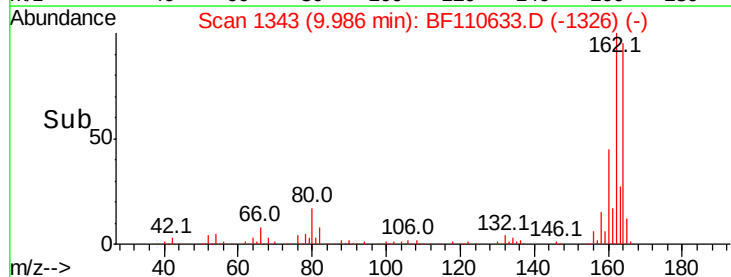
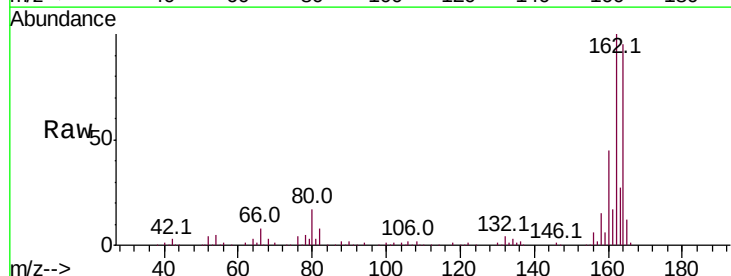
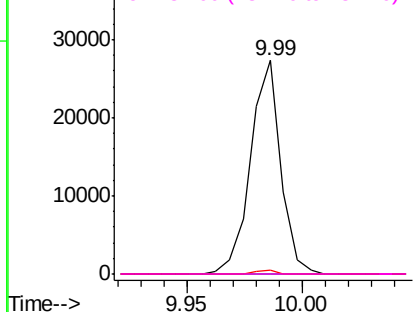
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

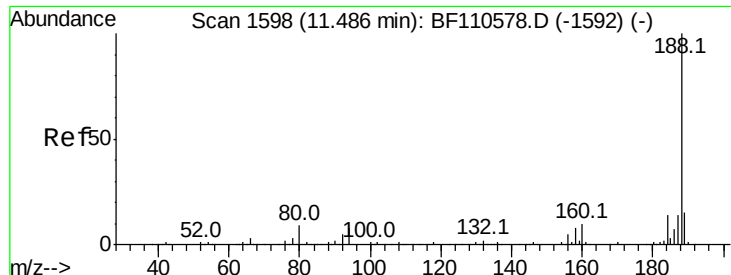


#57
 2,4-Dinitrotoluene
 Concen: 5.895 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.20 min
 Lab File: BF110633.D
 Acq: 9 Nov 2018 17:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	1.8	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

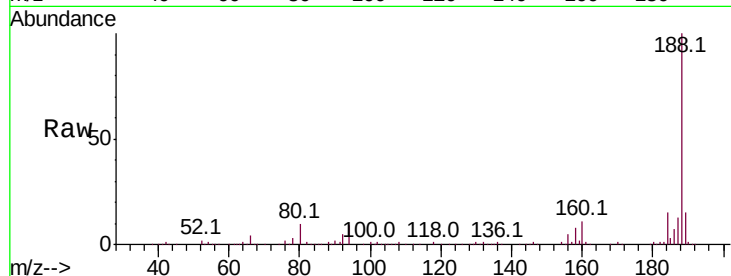




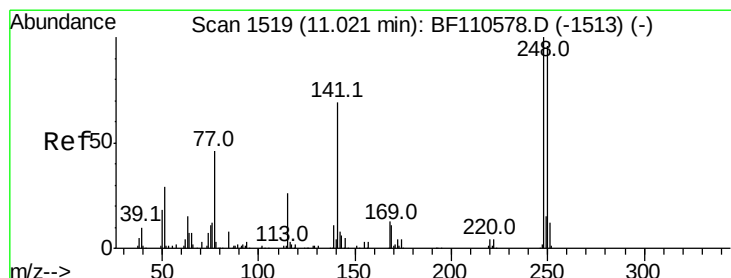
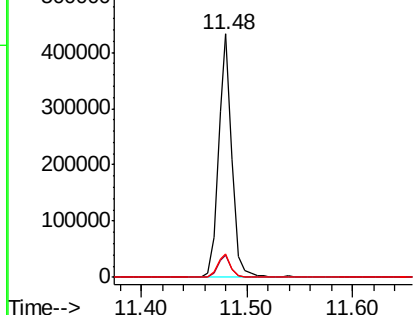
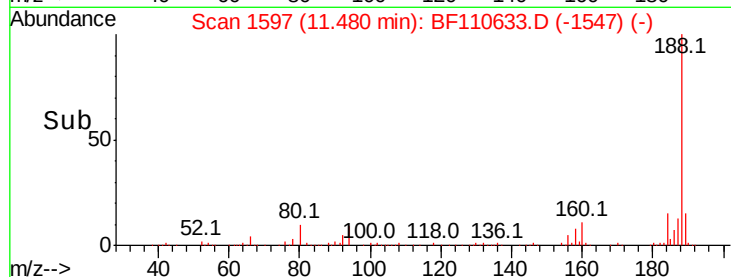
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110633.D
 Acq: 9 Nov 2018 17:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 383644
 Ion Ratio Lower Upper
 188 100
 94 9.0 7.2 10.8
 80 9.6 7.9 11.9

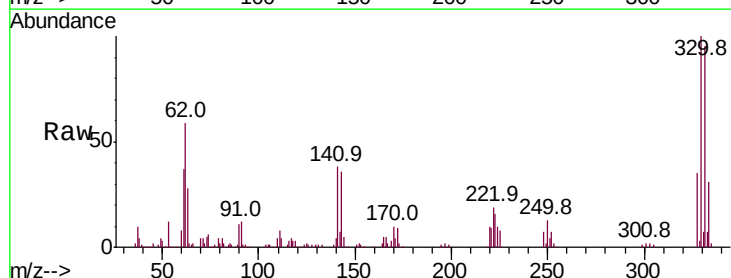


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

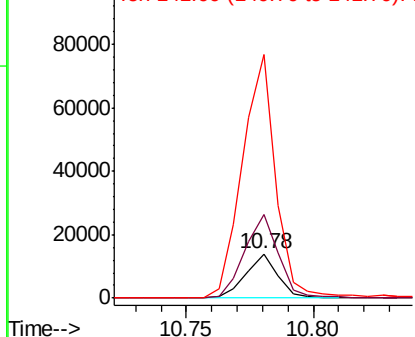
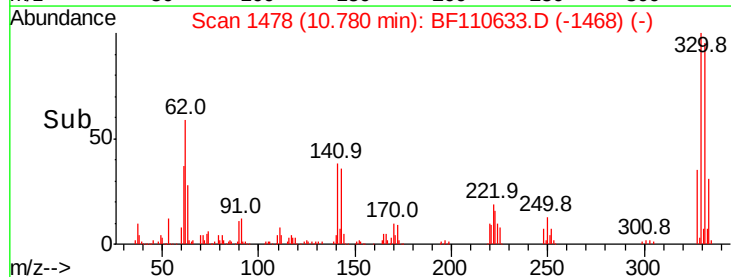


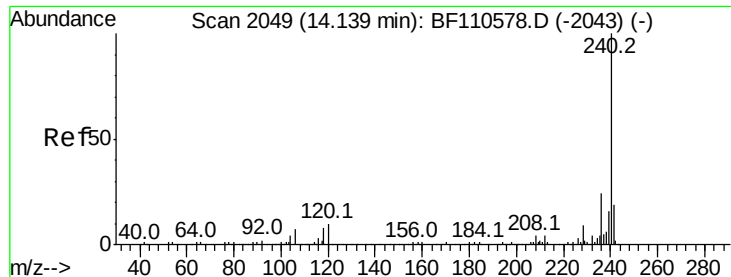
#67
 4-Bromophenyl-phenylether
 Concen: 2.890 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.24 min
 Lab File: BF110633.D
 Acq: 9 Nov 2018 17:58

Tgt Ion:248 Resp: 12253
 Ion Ratio Lower Upper
 248 100
 250 190.2 79.4 119.2#
 141 550.8 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# 2047

Delta R.T. -0.01 min

Lab File: BF110633.D

Acq: 9 Nov 2018 17:58

Instrument :

BNA_F

ClientSampleId :

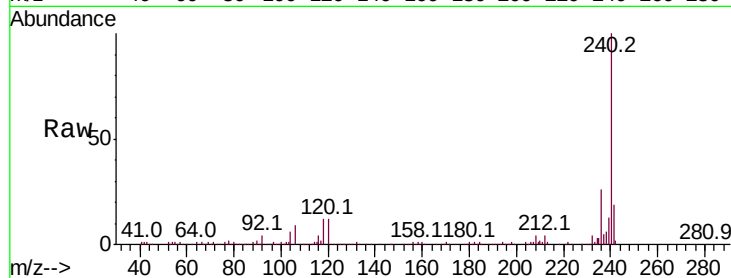
Tot Ion:240 Resp: 275464

Ion Ratio Lower Upper

240 100

120 12.4 8.3 12.5

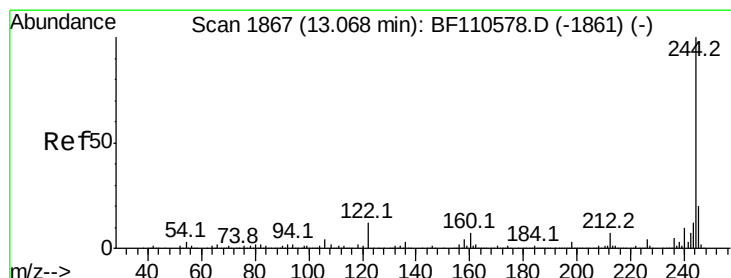
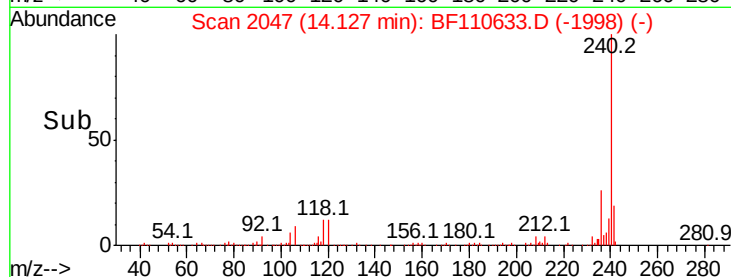
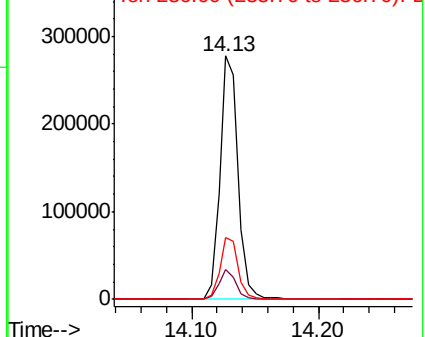
236 25.5 21.2 31.8



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: 71.950 ng

RT: 13.07 min Scan# 1867

Delta R.T. 0.00 min

Lab File: BF110633.D

Acq: 9 Nov 2018 17:58

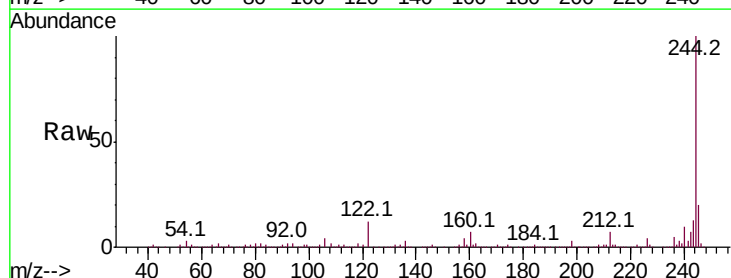
Tgt Ion:244 Resp: 1058310

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

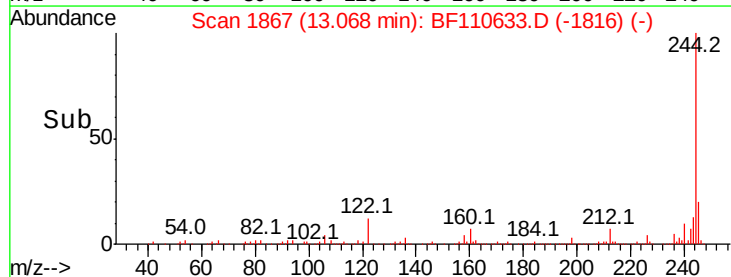
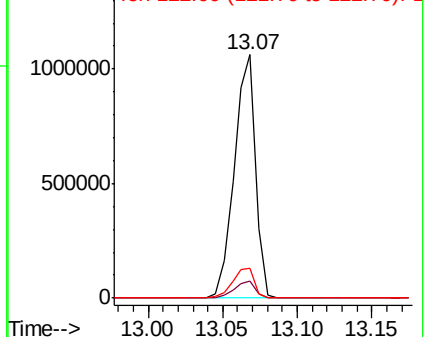
122 12.2 8.7 13.1

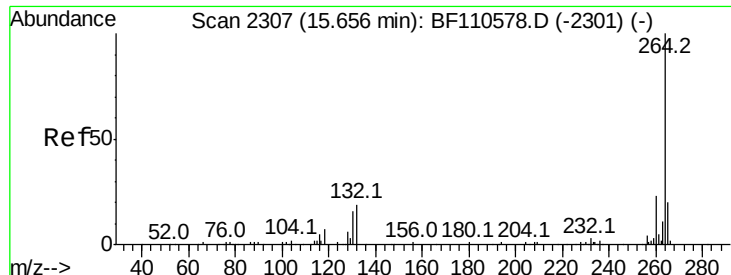


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

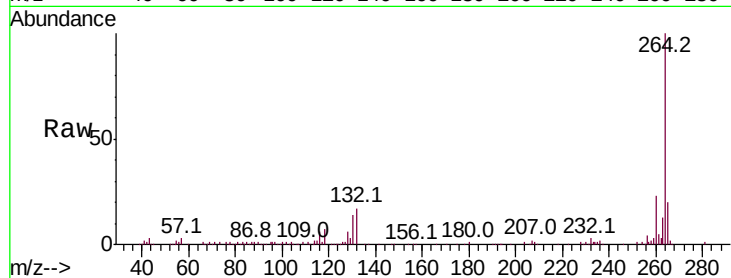




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110633.D
Acq: 9 Nov 2018 17:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.7	28.1
265	19.5	16.7	25.1

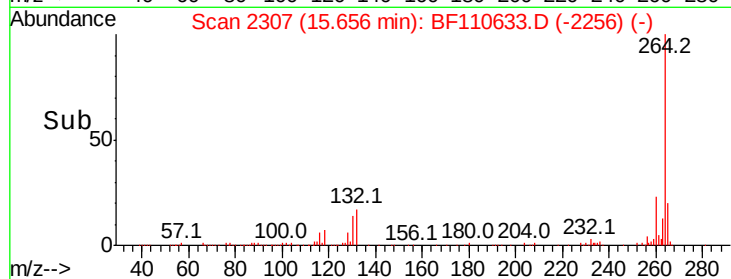
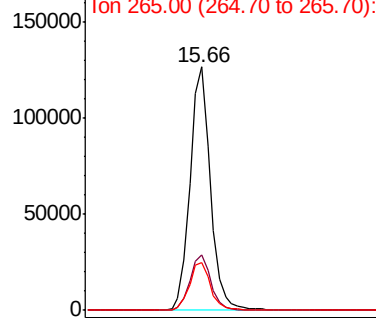


Abundance

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



Time-->