

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111218\
 Data File : BF110683.D
 Acq On : 12 Nov 2018 19:16
 Operator : JU/SJ
 Sample : J5887-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-1-S

Quant Time: Nov 13 05:40:31 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

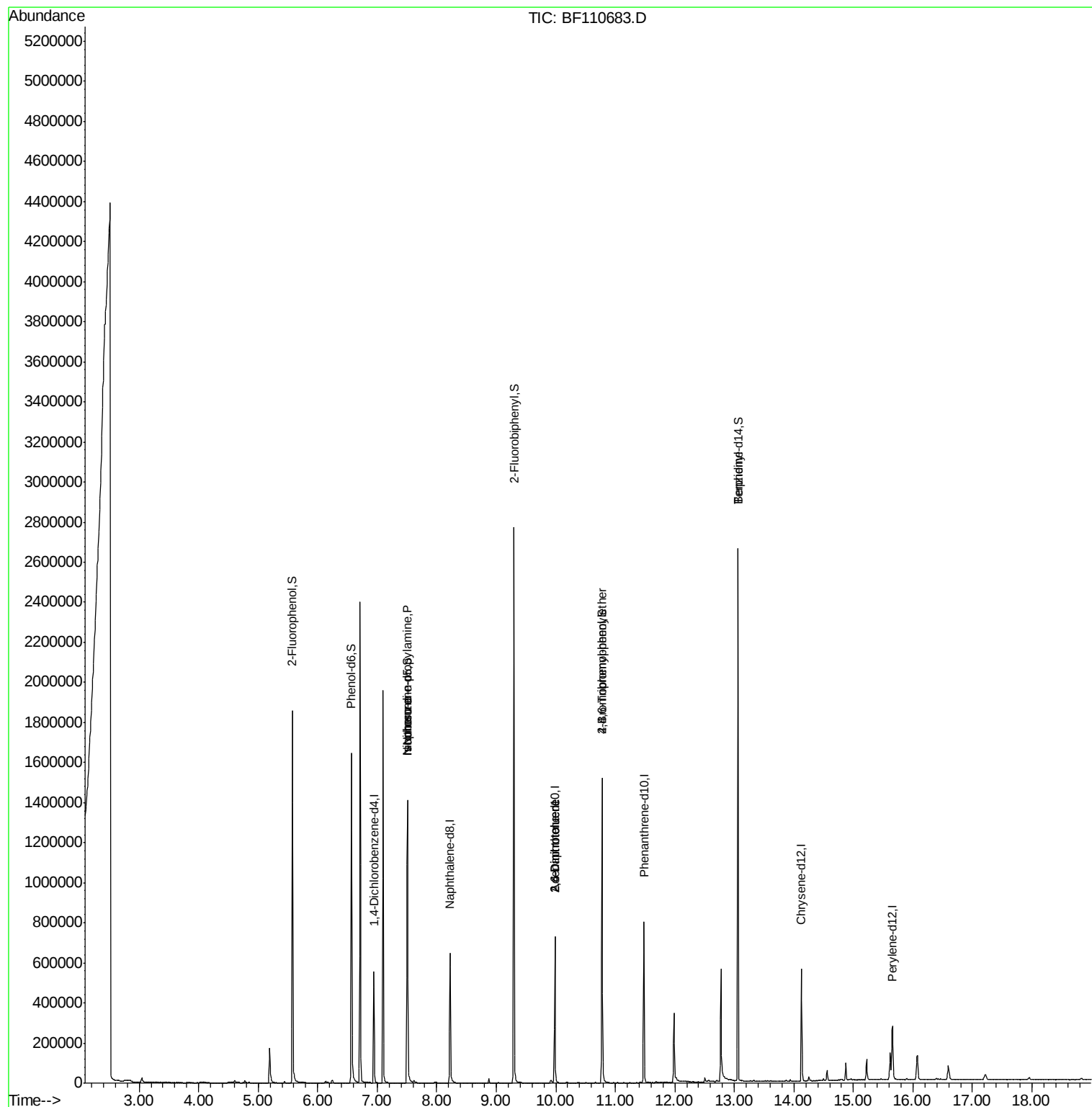
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	84255	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	341331	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	164222	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	308721	20.00	ng	0.00
76) Chrysene-d12	14.13	240	193670	20.00	ng	-0.01
87) Perylene-d12	15.66	264	144291	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	534682	103.08	ng	0.01
7) Phenol-d6	6.57	99	604319	91.11	ng	0.00
23) Nitrobenzene-d5	7.51	82	479780	80.95	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	188785	114.09	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	906931	78.87	ng	0.00
79) Terphenyl-d14	13.06	244	853071	82.49	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	722	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.51	70	62960	14.870 ng	#	1
25) Isophorone	7.51	82	479777	49.389 ng	#	80
51) 2,6-Dinitrotoluene	9.98	165	20608	7.645 ng	#	67
57) 2,4-Dinitrotoluene	9.98	165	20608	5.880 ng	#	22
67) 4-Bromophenyl-phenylether	10.78	248	12279	3.599 ng	#	18
77) Benzydine	13.06	184	11547	2.168 ng	#	1
					#	94

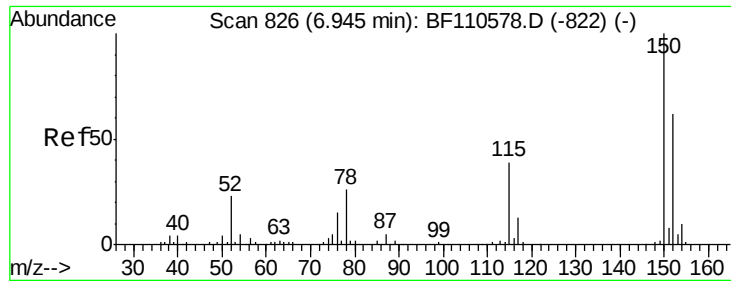
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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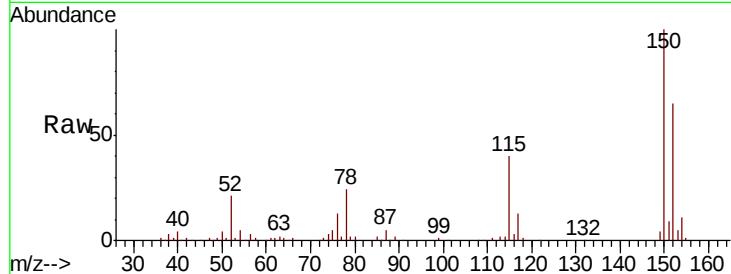


#1

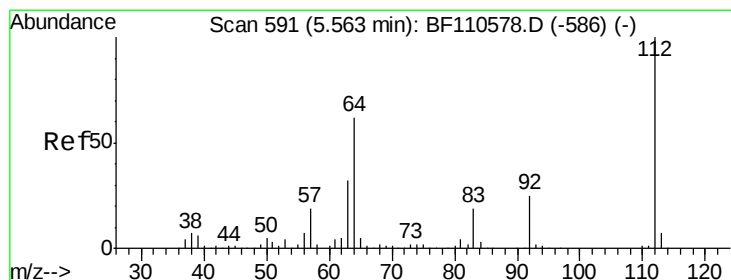
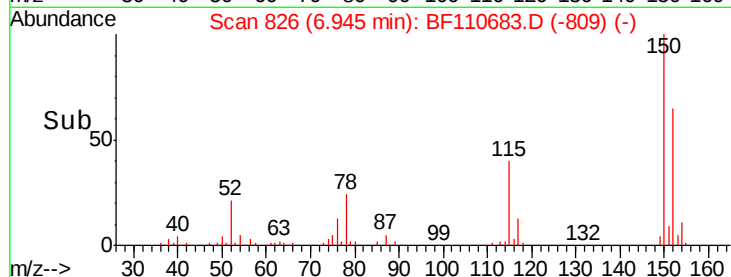
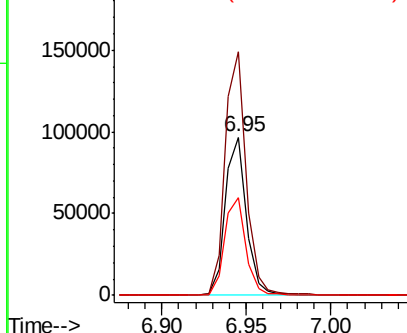
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF110683.D
 Acq: 12 Nov 2018 19:16

Instrument :
 BNA_F
 ClientSampleId :
 W-1-S

Tgt Ion:152 Resp: 84255
 Ion Ratio Lower Upper
 152 100
 150 153.8 122.7 184.1
 115 61.7 49.1 73.7



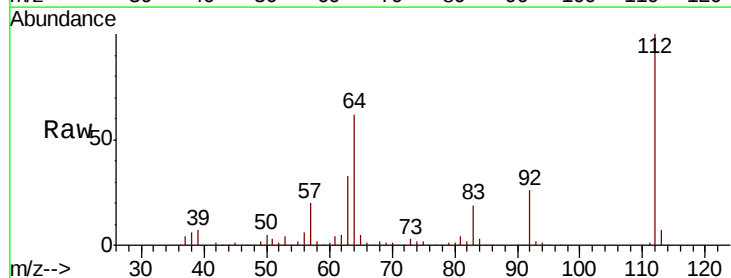
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



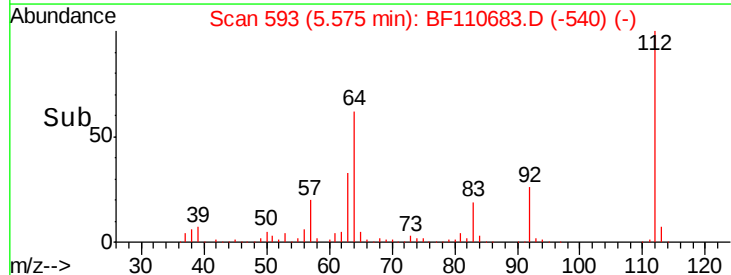
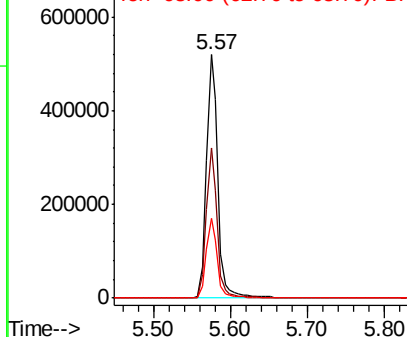
#5

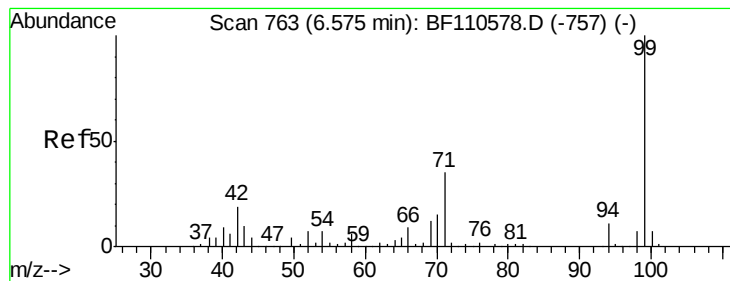
2-Fluorophenol
 Concen: 103.079 ng
 RT: 5.57 min Scan# 593
 Delta R.T. 0.01 min
 Lab File: BF110683.D
 Acq: 12 Nov 2018 19:16

Tgt Ion:112 Resp: 534682
 Ion Ratio Lower Upper
 112 100
 64 61.7 44.1 66.1
 63 32.9 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: 91.107 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110683.D

Acq: 12 Nov 2018 19:16

Instrument :

BNA_F

ClientSampleId :

W-1-S

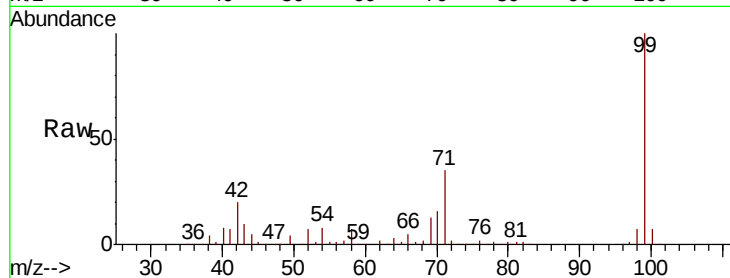
Tgt Ion: 99 Resp: 604319

Ion Ratio Lower Upper

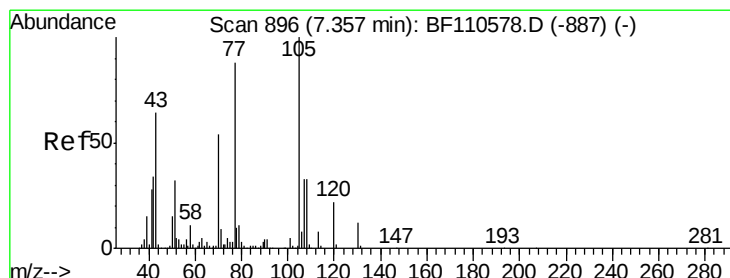
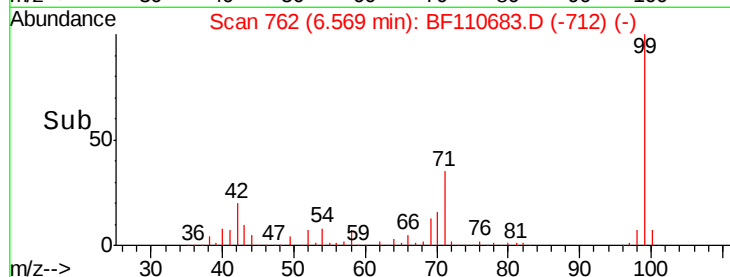
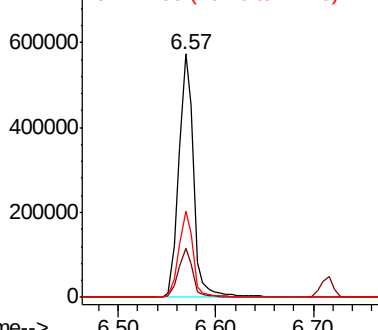
99 100

42 20.3 15.8 23.6

71 35.2 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: 14.870 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.15 min

Lab File: BF110683.D

Acq: 12 Nov 2018 19:16

Tgt Ion: 70 Resp: 62960

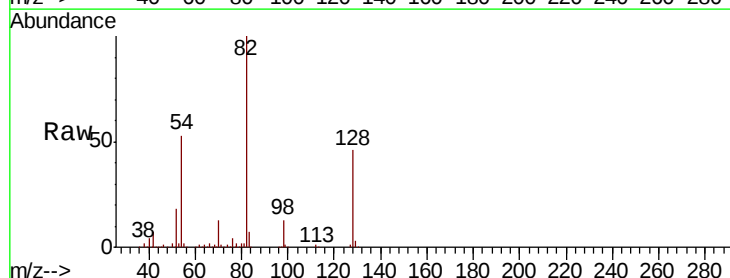
Ion Ratio Lower Upper

70 100

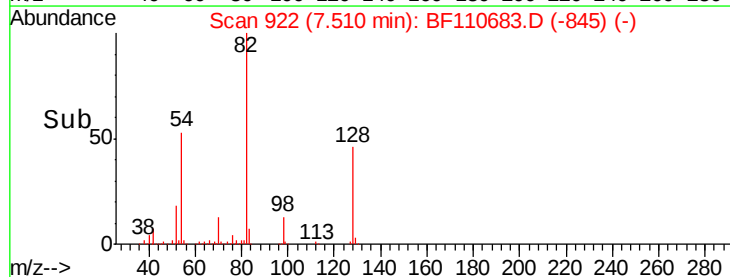
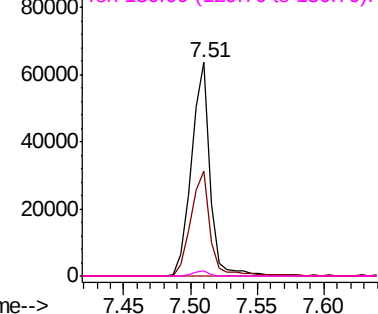
42 49.3 47.4 71.2

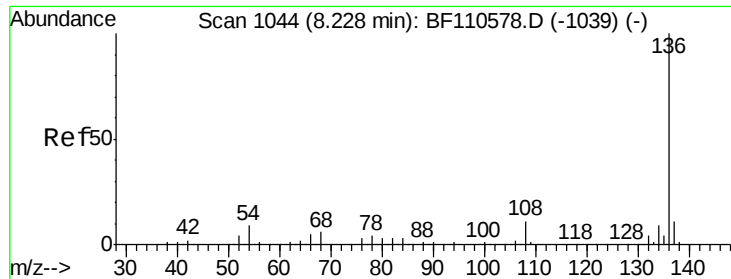
101 0.0 7.3 10.9#

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

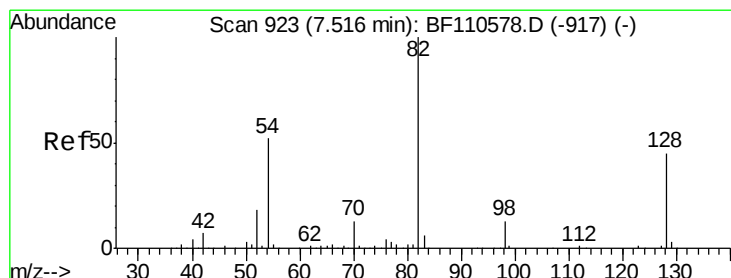
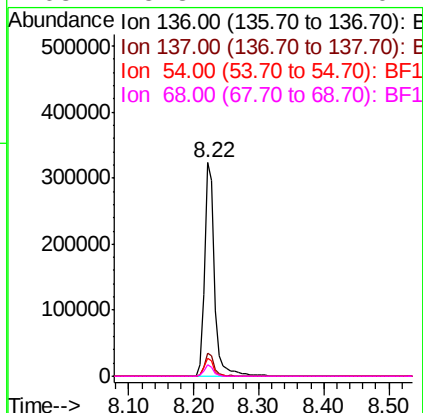
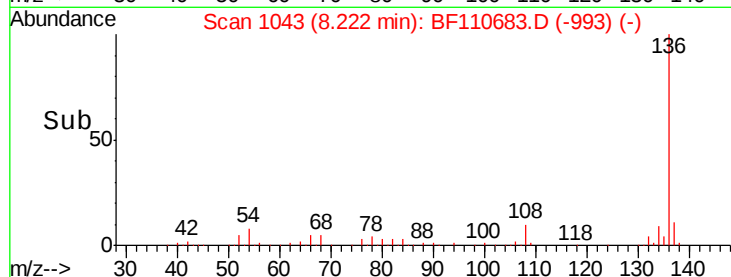
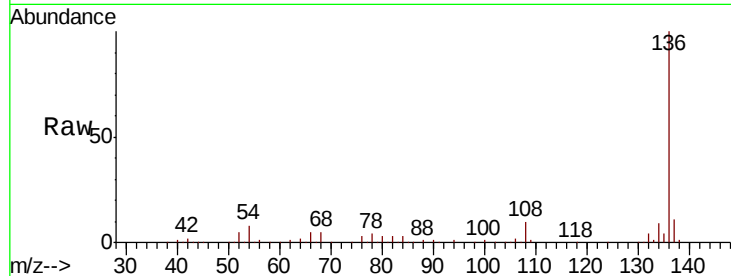




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110683.D
Acq: 12 Nov 2018 19:16

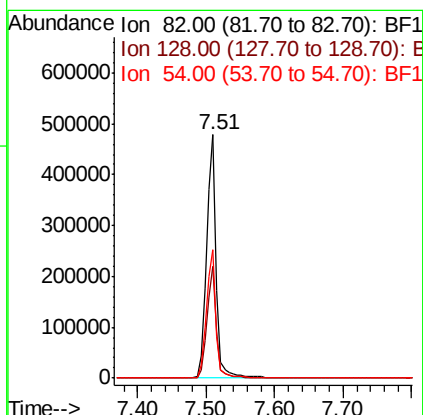
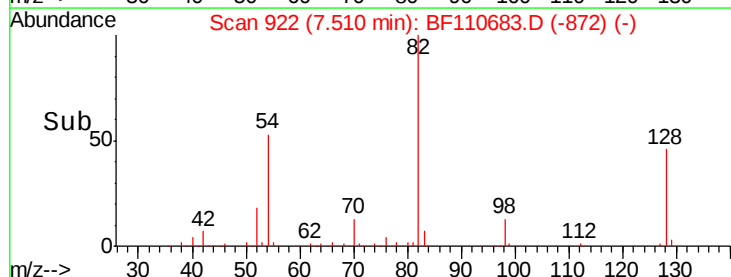
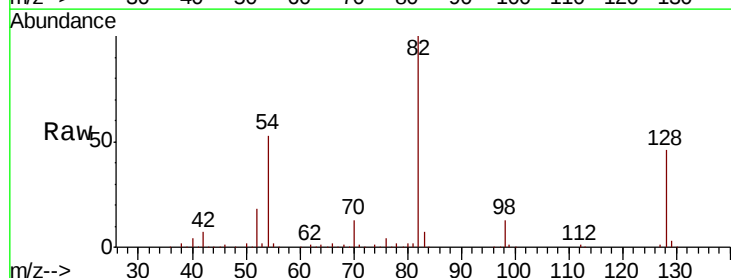
Instrument :
BNA_F
ClientSampleId :
W-1-S

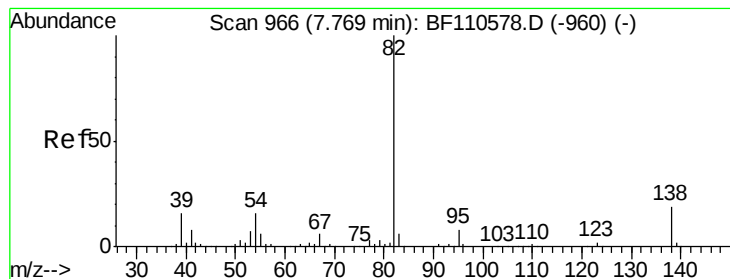
Tgt Ion:	136	Resp:	341331
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.2	5.4	8.2#
68	5.3	4.2	6.2



#23
Nitrobenzene-d5
Concen: 80.949 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110683.D
Acq: 12 Nov 2018 19:16

Tgt Ion:	82	Resp:	479780
Ion	Ratio	Lower	Upper
82	100		
128	45.7	34.2	51.2
54	52.6	38.6	58.0





#25

Isophorone

Concen: 49.389 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.26 min

Lab File: BF110683.D

Acq: 12 Nov 2018 19:16

Instrument :

BNA_F

ClientSampleId :

W-1-S

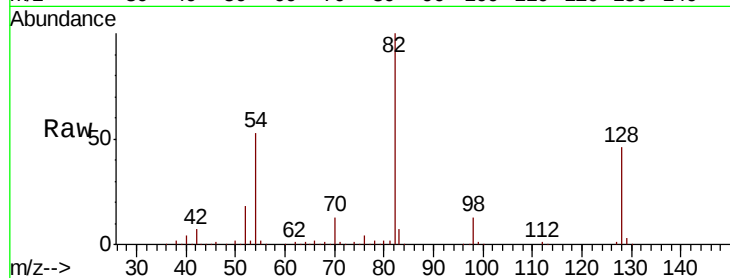
Tgt Ion: 82 Resp: 479777

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

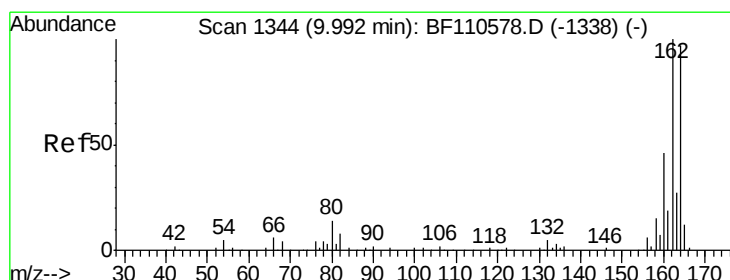
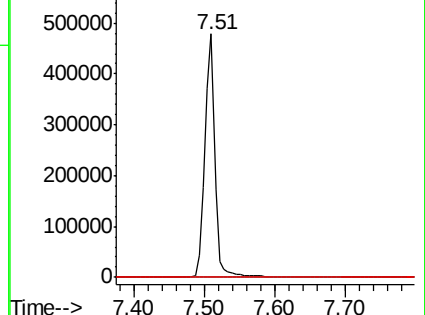
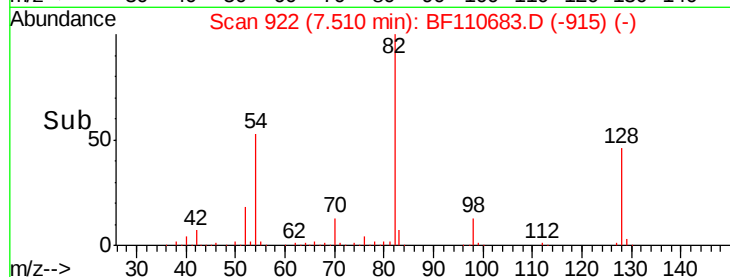
138 0.0 13.2 19.8#



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: 9.98 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF110683.D

Acq: 12 Nov 2018 19:16

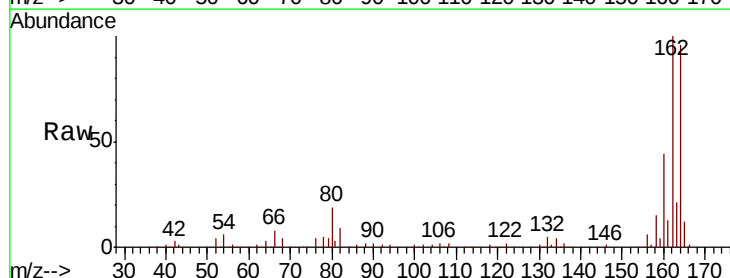
Tgt Ion: 164 Resp: 164222

Ion Ratio Lower Upper

164 100

162 103.8 83.0 124.6

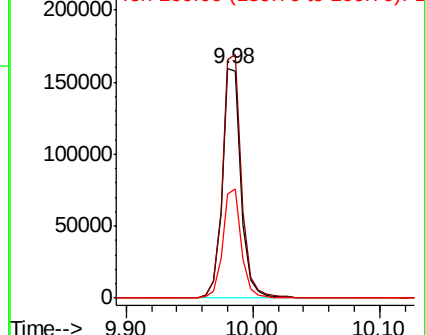
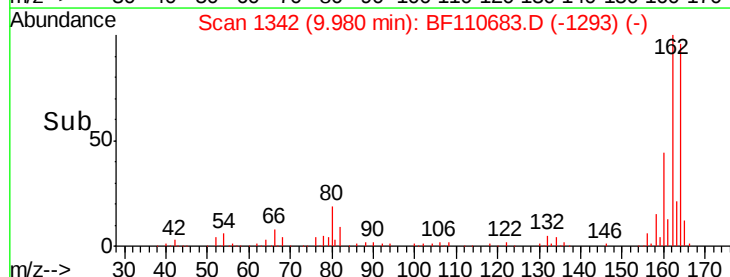
160 45.4 37.0 55.6

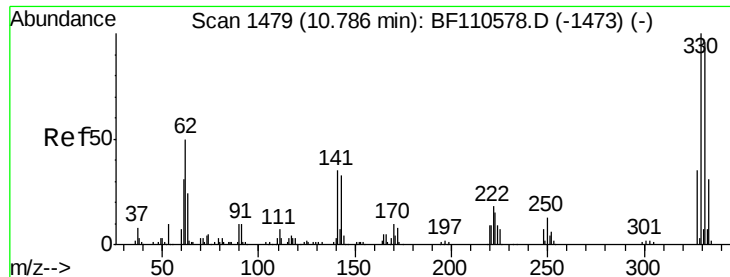


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

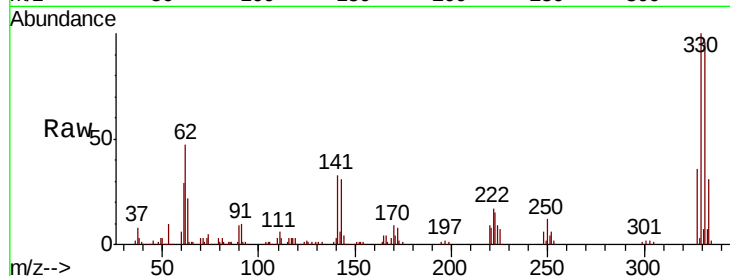




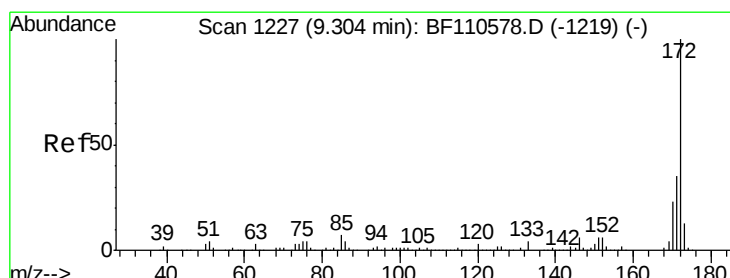
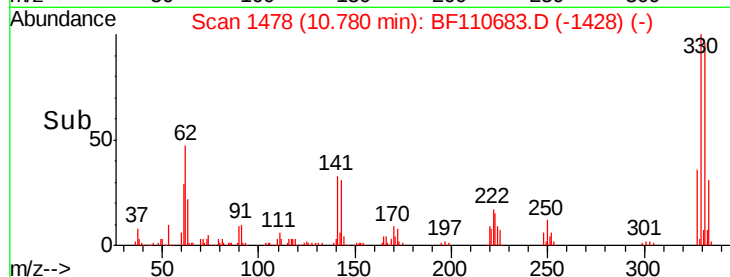
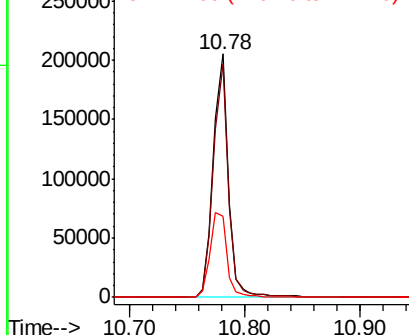
#42
 2,4,6-Tribromophenol
 Concen: 114.087 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110683.D
 Acq: 12 Nov 2018 19:16

Instrument :
 BNA_F
 ClientSampled :
 W-1-S

Tgt Ion: 330 Resp: 188785
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.1 115.7
 141 38.4 27.0 40.4

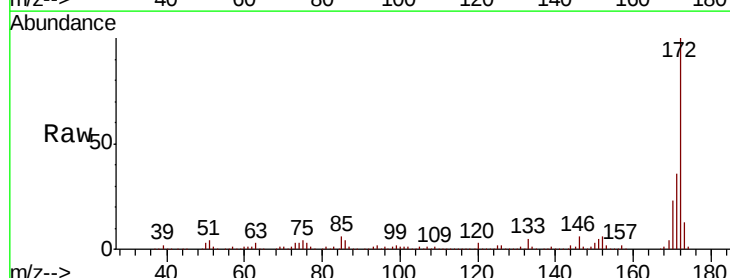


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

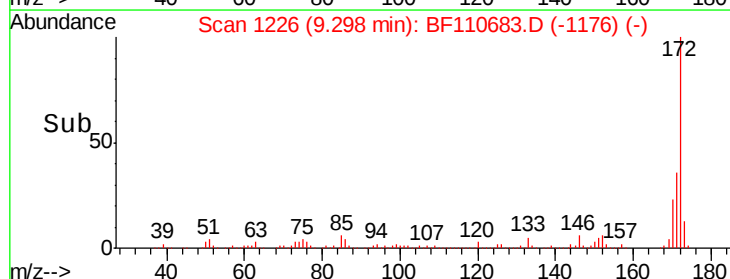
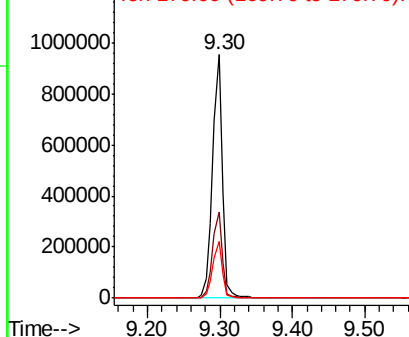


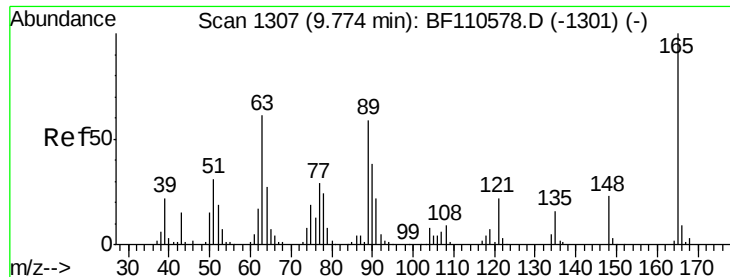
#45
 2-Fluorobiphenyl
 Concen: 78.873 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110683.D
 Acq: 12 Nov 2018 19:16

Tgt Ion: 172 Resp: 906931
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.6 43.0
 170 23.5 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

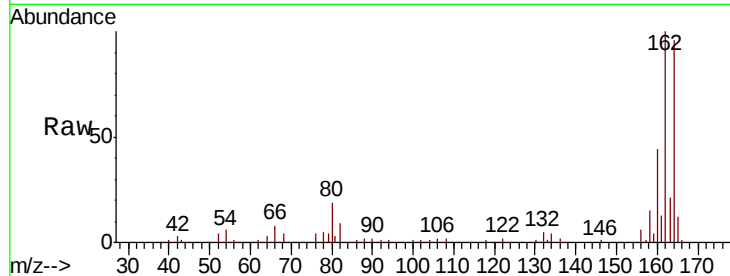




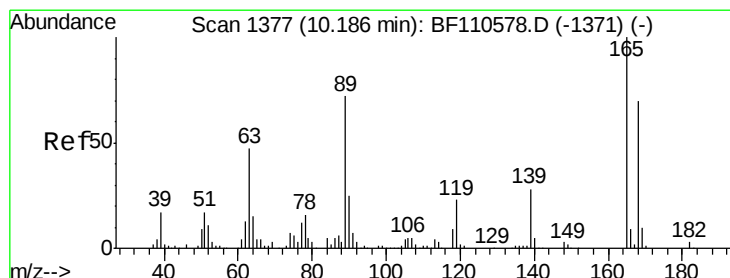
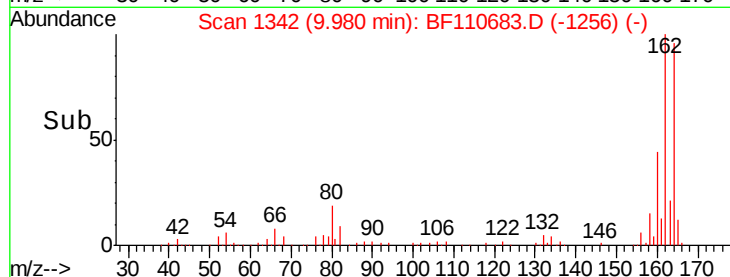
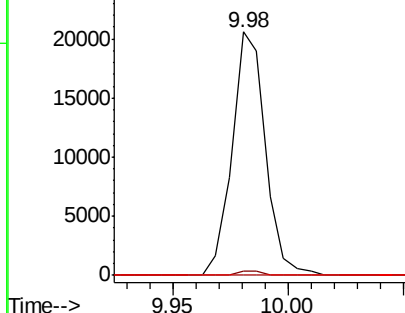
#51
 2,6-Dinitrotoluene
 Concen: 7.645 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.21 min
 Lab File: BF110683.D
 Acq: 12 Nov 2018 19:16

Instrument :
 BNA_F
 ClientSampled :
 W-1-S

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	48.9	73.3#
89	0.0	46.6	69.8#



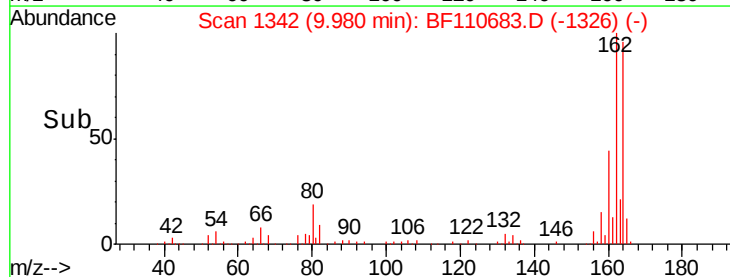
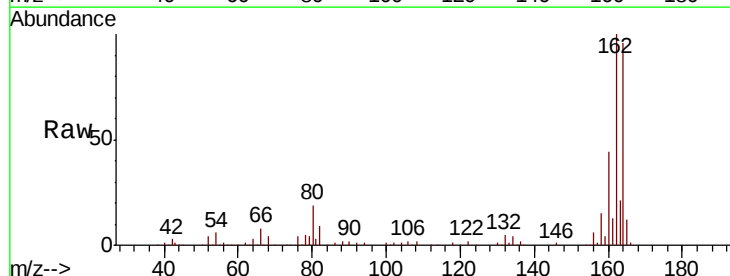
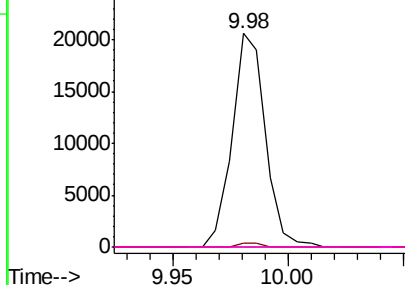
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

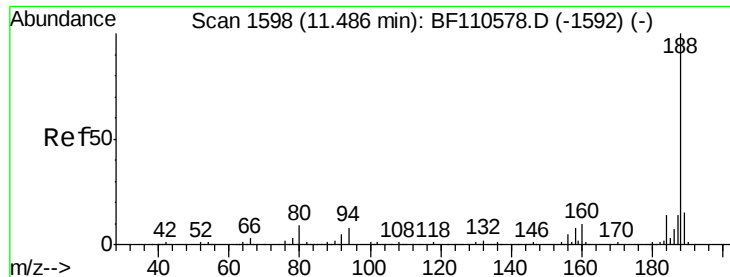


#57
 2,4-Dinitrotoluene
 Concen: 5.880 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.21 min
 Lab File: BF110683.D
 Acq: 12 Nov 2018 19:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	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: BF110683.D

Acq: 12 Nov 2018 19:16

Instrument :

BNA_F

ClientSampleId :

W-1-S

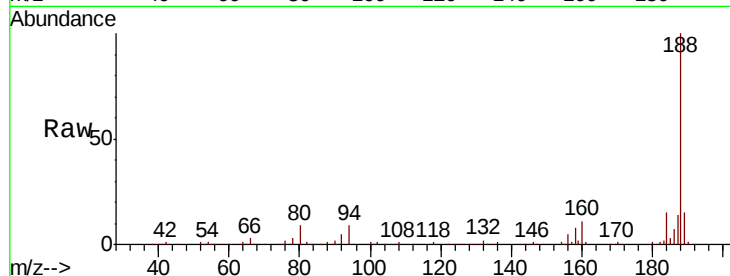
Tgt Ion:188 Resp: 308721

Ion Ratio Lower Upper

188 100

94 8.5 7.2 10.8

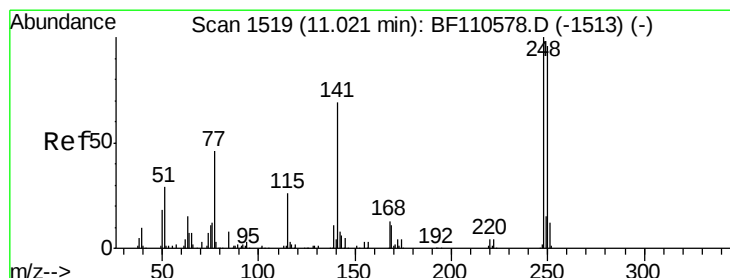
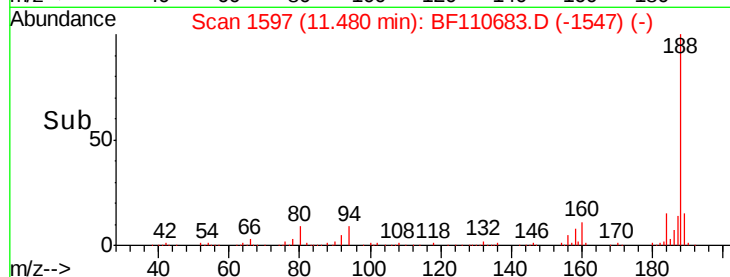
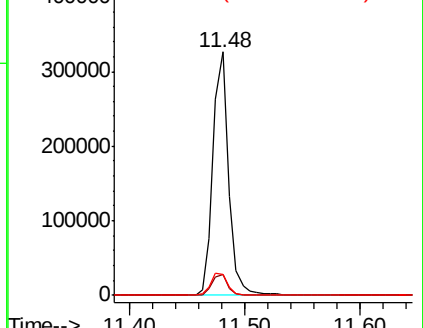
80 8.6 7.9 11.9



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: 3.599 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.24 min

Lab File: BF110683.D

Acq: 12 Nov 2018 19:16

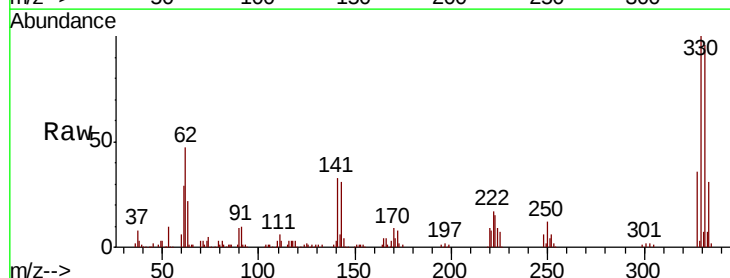
Tgt Ion:248 Resp: 12279

Ion Ratio Lower Upper

248 100

250 194.6 79.4 119.2#

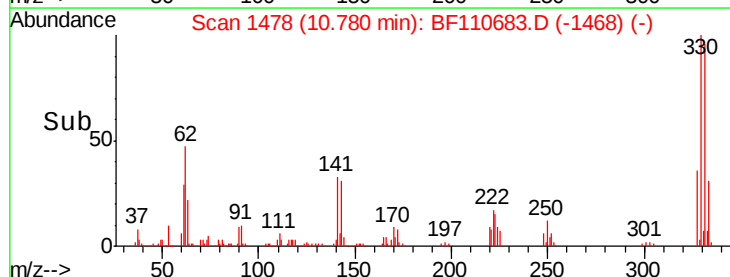
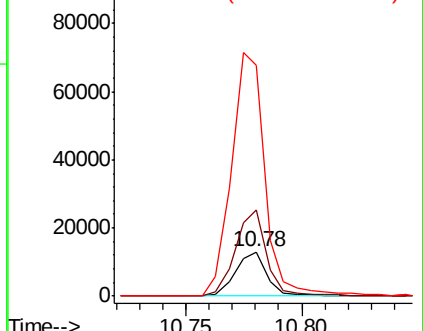
141 522.1 55.9 83.9#

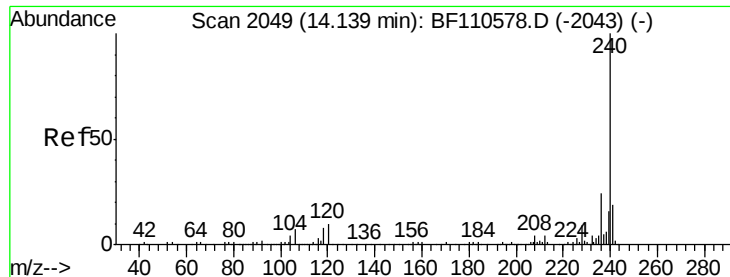


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

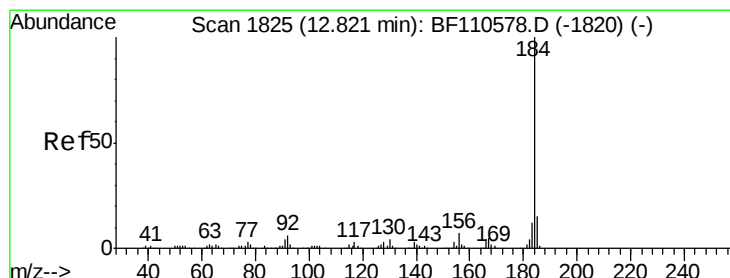
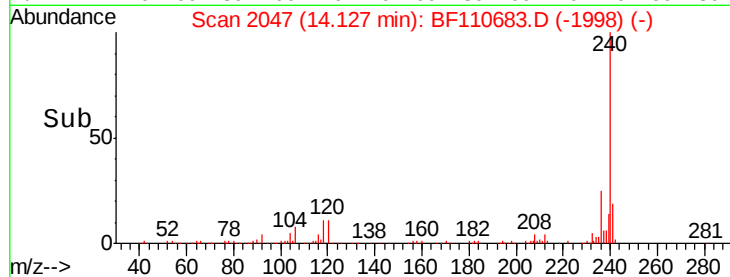
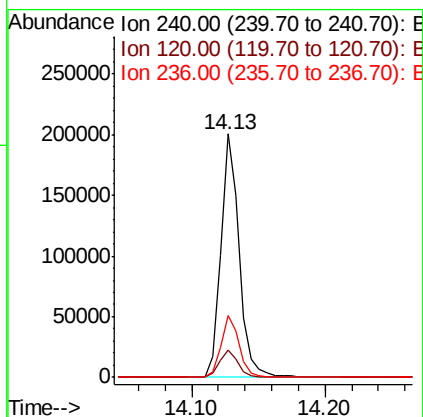
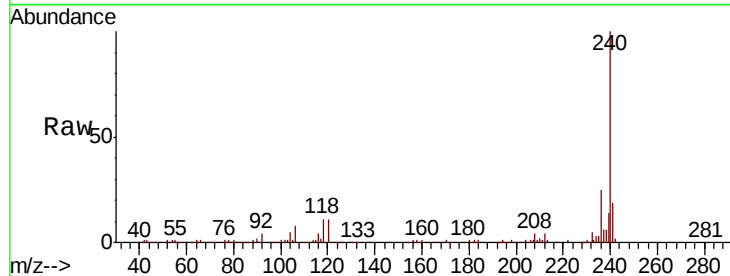




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110683.D
Acq: 12 Nov 2018 19:16

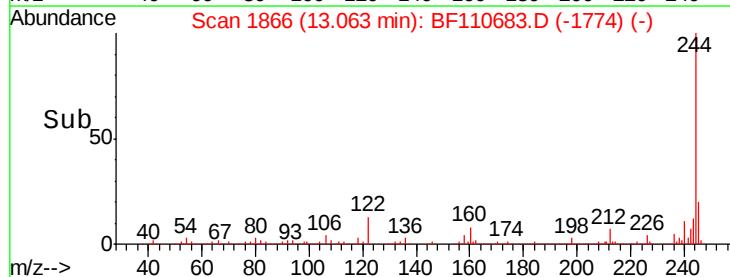
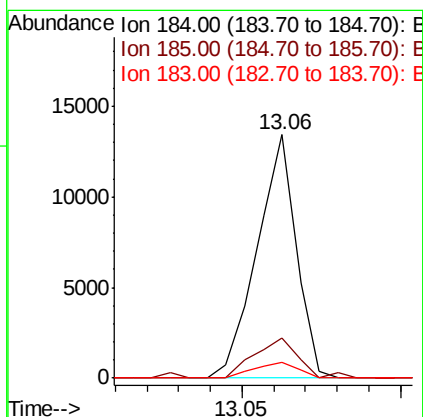
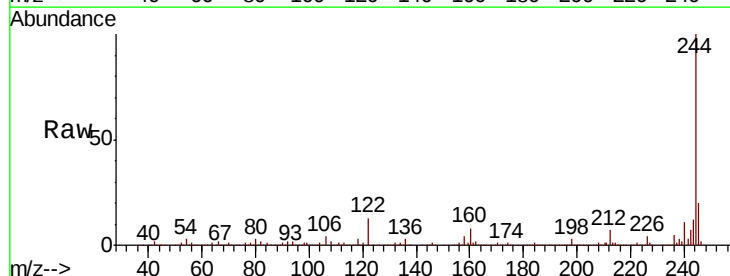
Instrument :
BNA_F
ClientSampled :
W-1-S

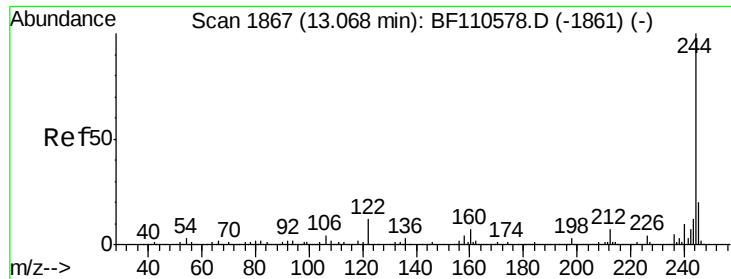
Tgt Ion:240 Resp: 193670
Ion Ratio Lower Upper
240 100
120 11.0 8.3 12.5
236 25.4 21.2 31.8



#77
Benzidine
Concen: 2.168 ng
RT: 13.06 min Scan# 1866
Delta R.T. 0.24 min
Lab File: BF110683.D
Acq: 12 Nov 2018 19:16

Tgt Ion:184 Resp: 11547
Ion Ratio Lower Upper
184 100
185 16.4 13.4 20.2
183 6.7 9.4 14.2#





#79

Terphenyl-d14

Concen: 82.491 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110683.D

Acq: 12 Nov 2018 19:16

Instrument :

BNA_F

ClientSampleId :

W-1-S

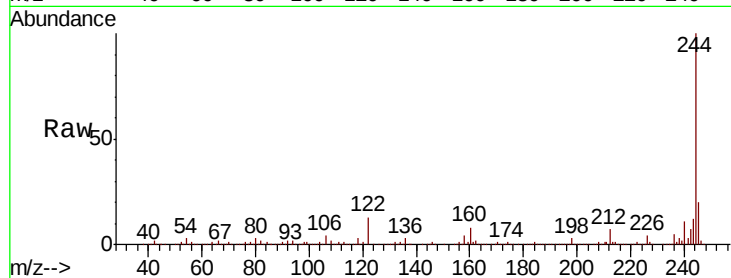
Tgt Ion:244 Resp: 853071

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

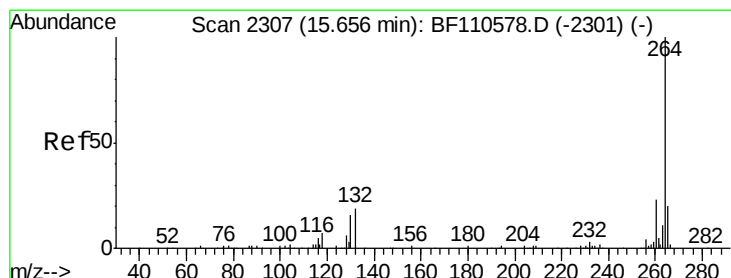
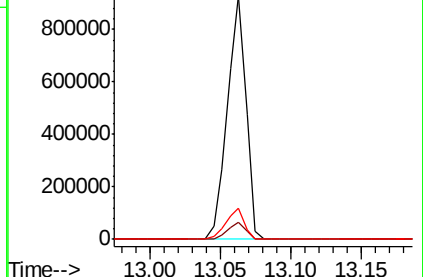
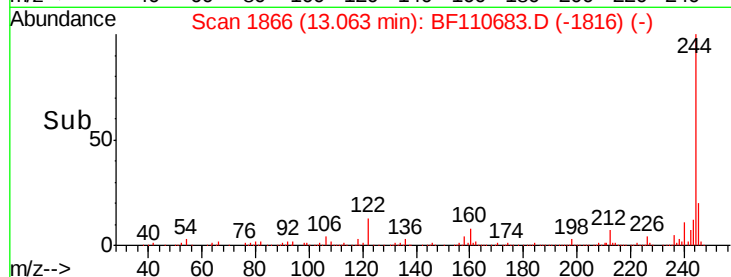
122 12.9 8.7 13.1



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: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110683.D

Acq: 12 Nov 2018 19:16

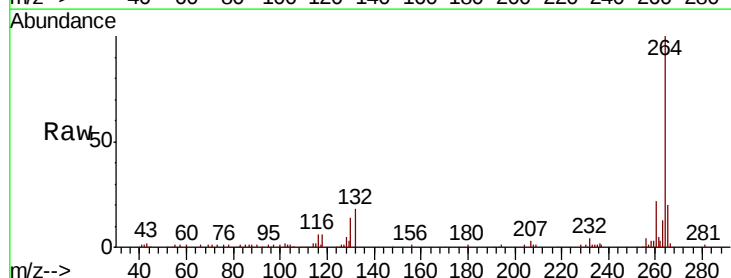
Tgt Ion:264 Resp: 144291

Ion Ratio Lower Upper

264 100

260 22.4 18.7 28.1

265 20.4 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

