

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
 Data File : BF109943.D
 Acq On : 18 Oct 2018 1:44
 Operator : JU/SJ
 Sample : J5543-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 18 10:43:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

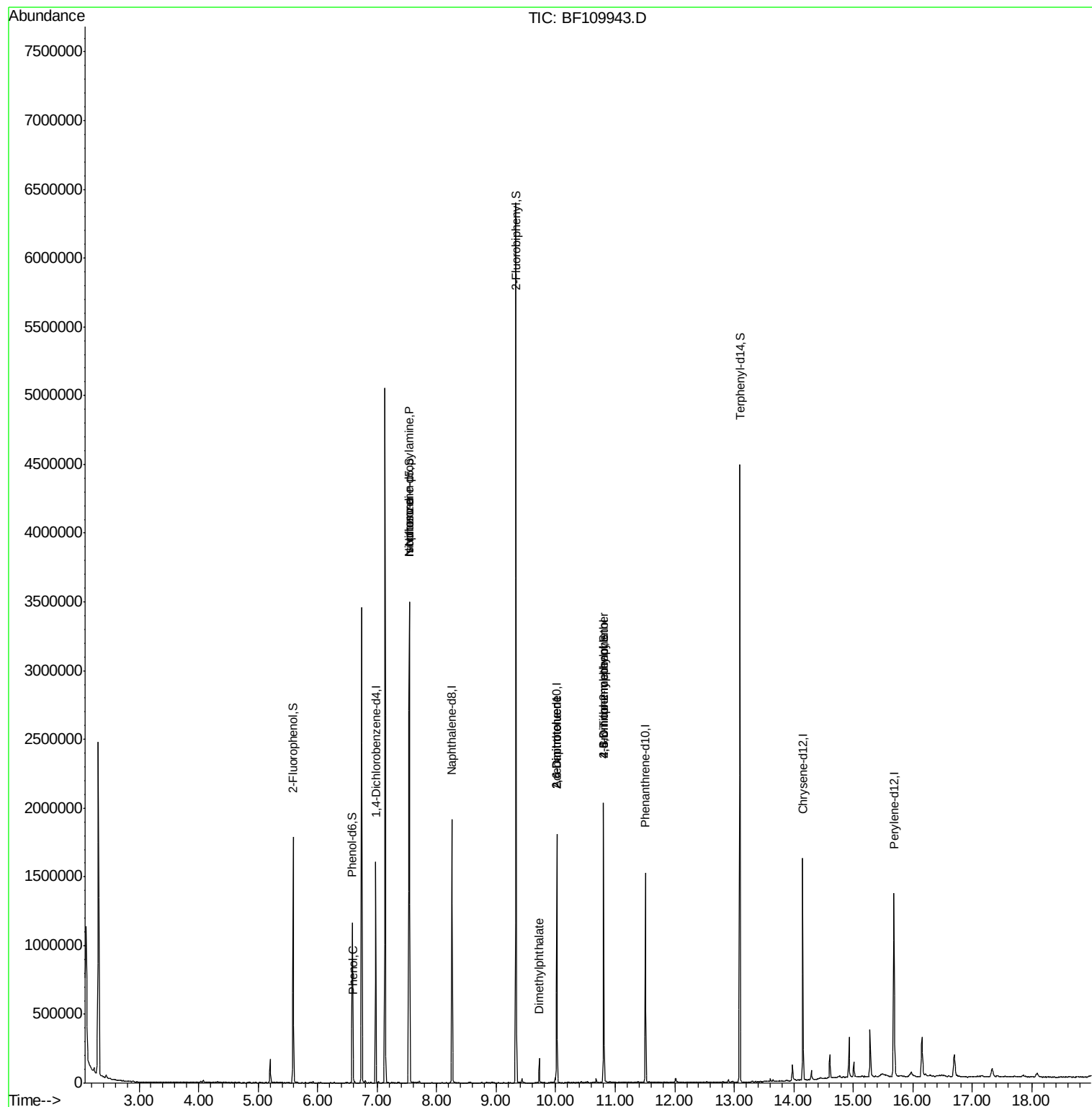
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	208910	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	804416	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	327987	20.00	ng	-0.01
64) Phenanthrene-d10	11.51	188	518993	20.00	ng	0.00
76) Chrysene-d12	14.15	240	501938	20.00	ng	-0.01
87) Perylene-d12	15.68	264	484719	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	497442	37.74	ng	0.00
7) Phenol-d6	6.58	99	366650	22.40	ng	-0.02
23) Nitrobenzene-d5	7.54	82	1122205	93.98	ng	-0.01
42) 2,4,6-Tribromophenol	10.81	330	222852	78.48	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1957912	95.25	ng	0.00
79) Terphenyl-d14	13.09	244	1393295	58.29	ng	-0.01
Target Compounds						
10) Phenol	6.60	94	44731	2.532	ng	# 61
19) n-Nitroso-di-n-propylamine	7.54	70	149799	14.256	ng	# 78
25) Isophorone	7.54	82	1122371	47.835	ng	# 67
50) Dimethylphthalate	9.72	163	60375	2.600	ng	# 99
51) 2,6-Dinitrotoluene	10.02	165	41735	9.461	ng	# 22
57) 2,4-Dinitrotoluene	10.02	165	41735	11.358	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.80	198	408	8.086	ng	# 1
67) 4-Bromophenyl-phenylether	10.80	248	13488	2.398	ng	# 1

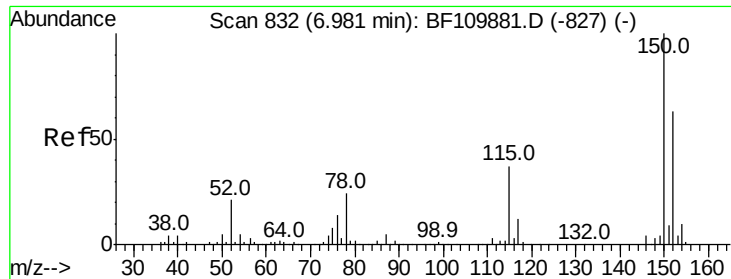
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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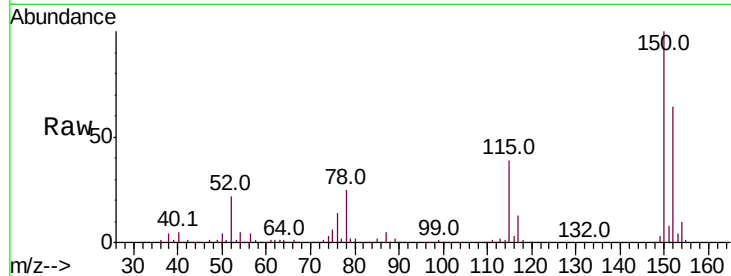


#1

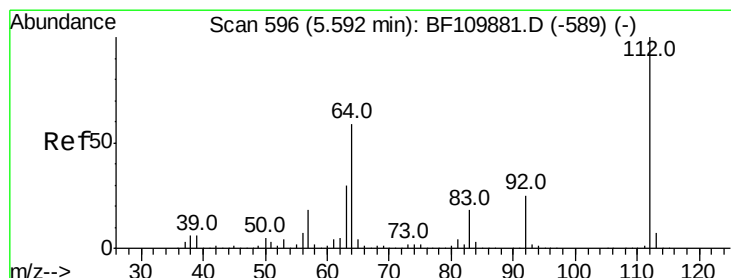
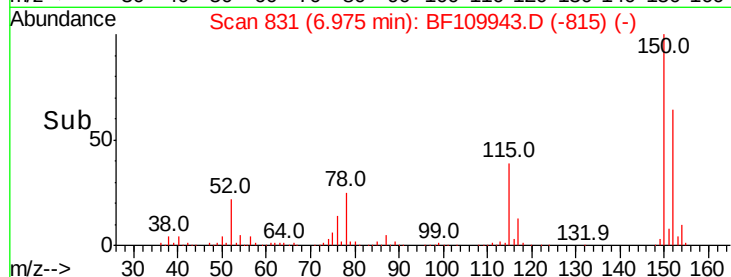
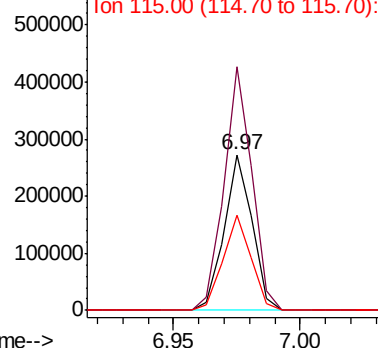
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109943.D
Acq: 18 Oct 2018 1:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 208910
Ion Ratio Lower Upper
152 100
150 156.6 122.7 184.1
115 61.3 49.1 73.7



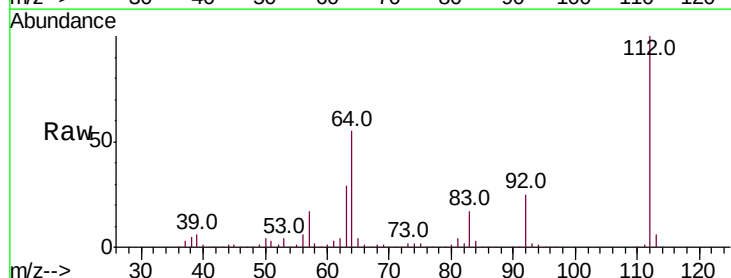
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



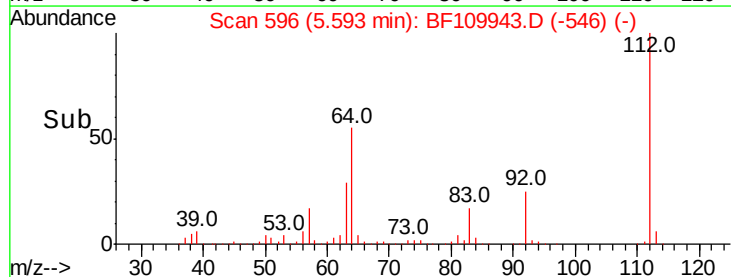
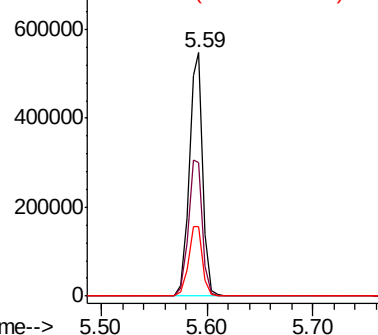
#5

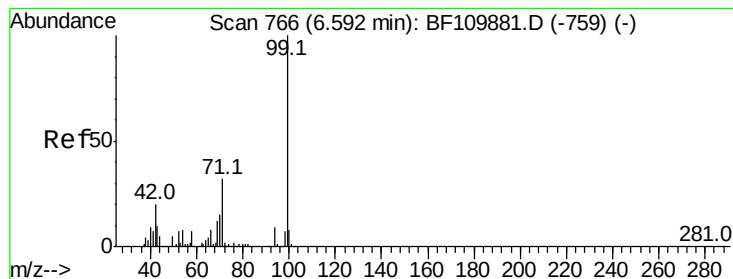
2-Fluorophenol
Concen: 37.744 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF109943.D
Acq: 18 Oct 2018 1:44

Tgt Ion:112 Resp: 497442
Ion Ratio Lower Upper
112 100
64 54.6 44.1 66.1
63 28.7 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: 22.404 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF109943.D

Acq: 18 Oct 2018 1:44

Instrument :

BNA_F

ClientSampleId :

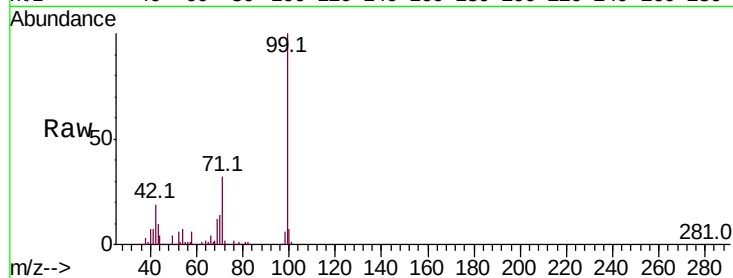
Tot Ion: 99 Resp: 366650

Ion Ratio Lower Upper

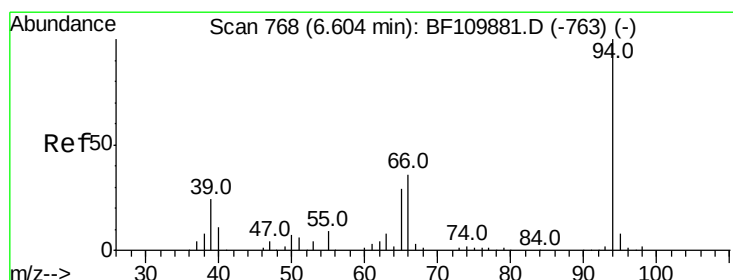
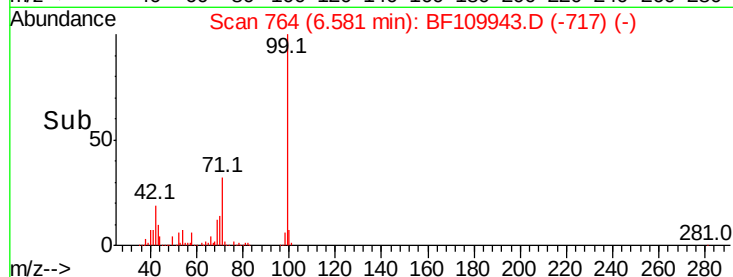
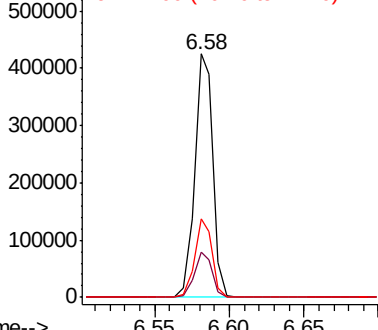
99 100

42 18.7 15.8 23.6

71 32.2 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



#10

Phenol

Concen: 2.532 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF109943.D

Acq: 18 Oct 2018 1:44

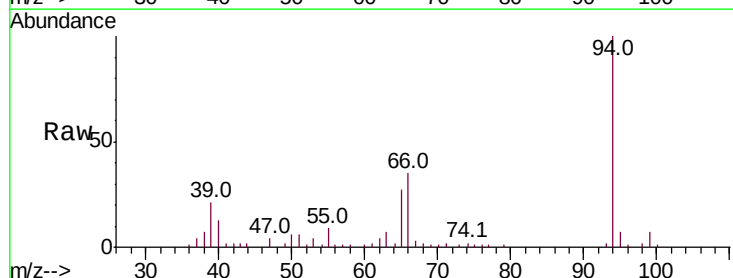
Tgt Ion: 94 Resp: 44731

Ion Ratio Lower Upper

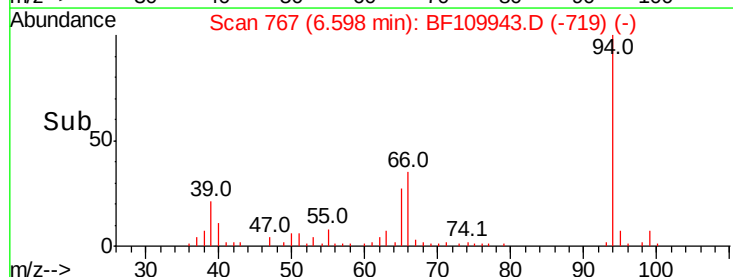
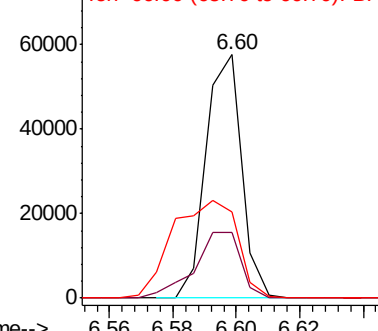
94 100

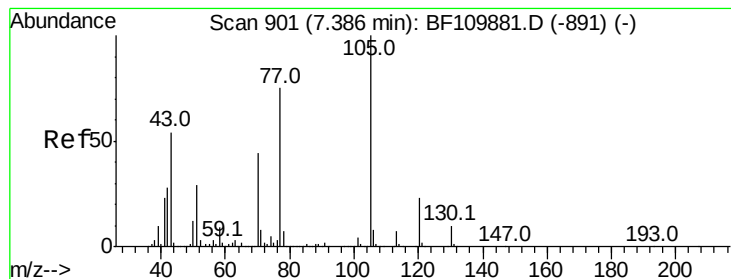
65 27.1 25.3 65.3

66 35.5 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: 14.256 ng

RT: 7.54 min Scan# 927

Delta R.T. 0.15 min

Lab File: BF109943.D

Acq: 18 Oct 2018 1:44

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 149799

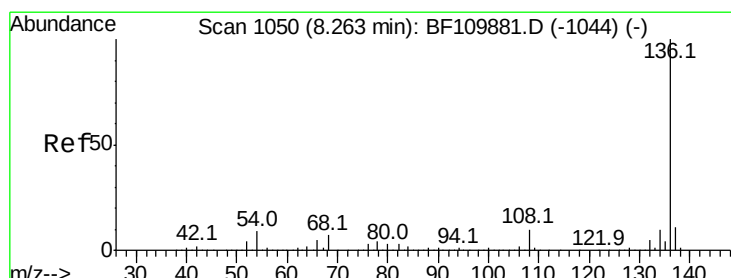
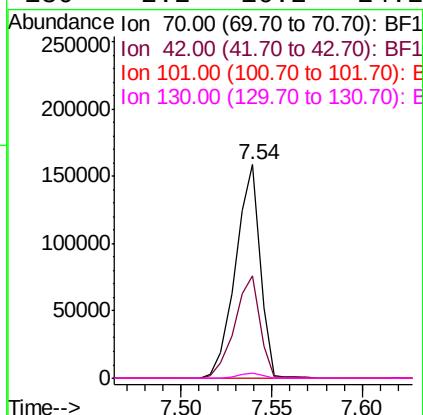
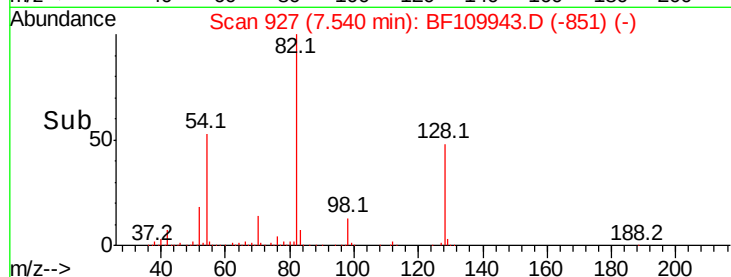
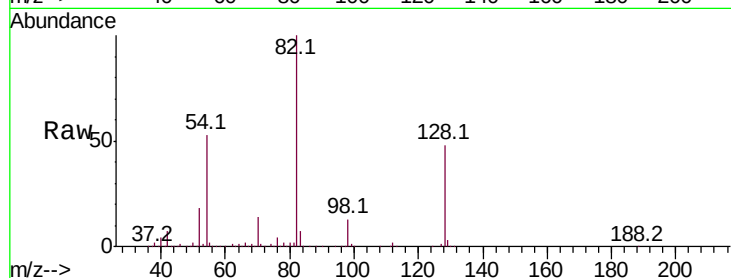
Ion Ratio Lower Upper

70 100

42 47.9 47.4 71.2

101 0.0 7.3 10.9#

130 2.2 16.2 24.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF109943.D

Acq: 18 Oct 2018 1:44

Tgt Ion: 136 Resp: 804416

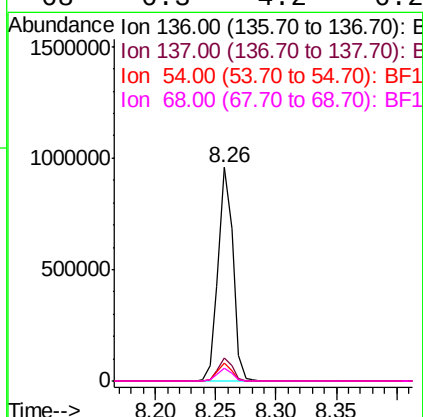
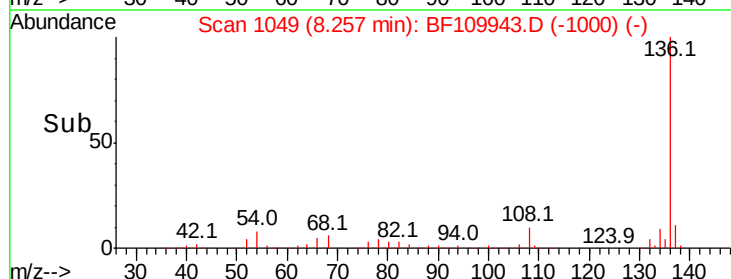
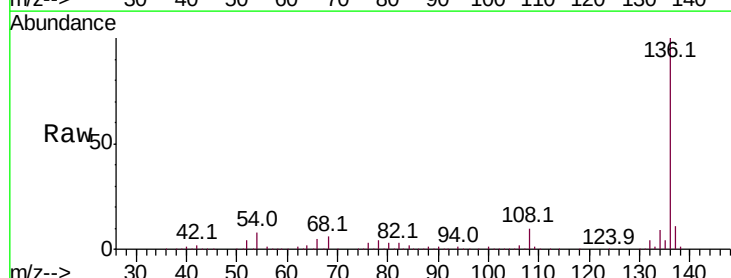
Ion Ratio Lower Upper

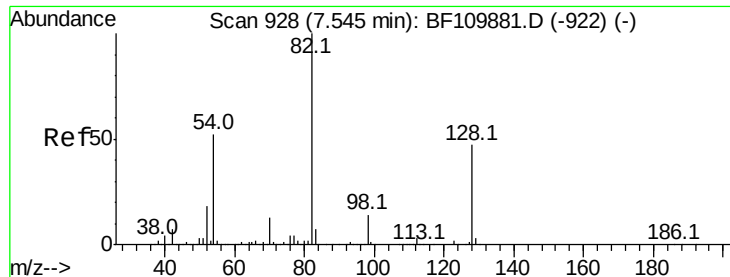
136 100

137 11.0 8.8 13.2

54 8.4 5.4 8.2#

68 6.3 4.2 6.2#

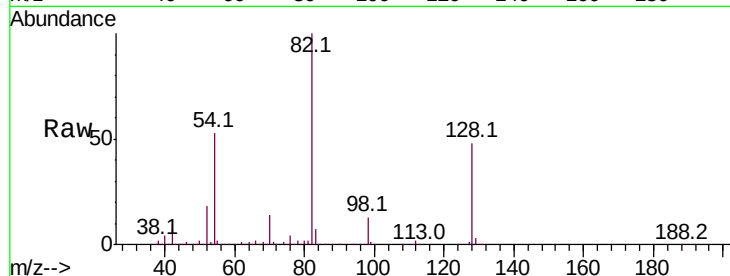




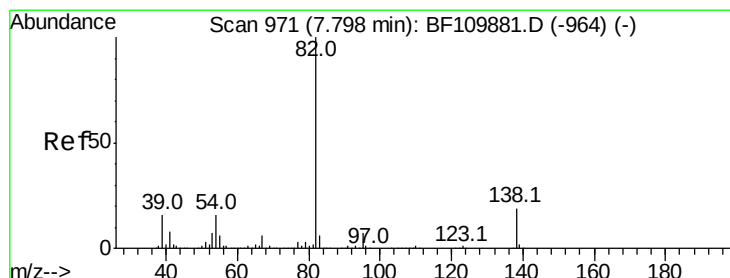
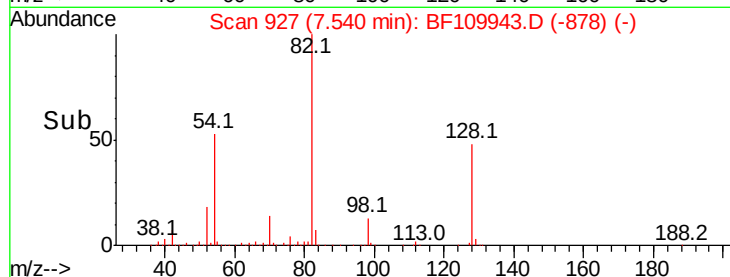
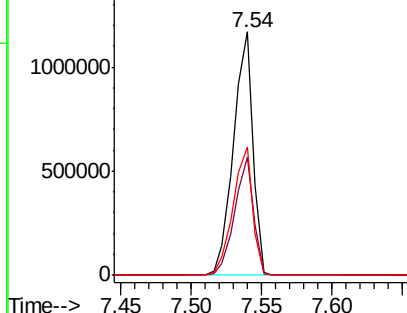
#23
Nitrobenzene-d5
Concen: 93.976 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF109943.D
Acq: 18 Oct 2018 1:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1122205
Ion Ratio Lower Upper
82 100
128 48.5 34.2 51.2
54 52.7 38.6 58.0

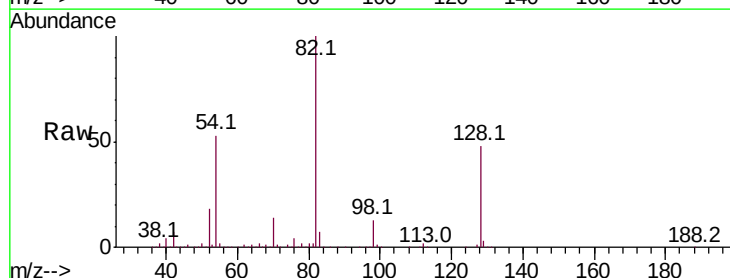


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

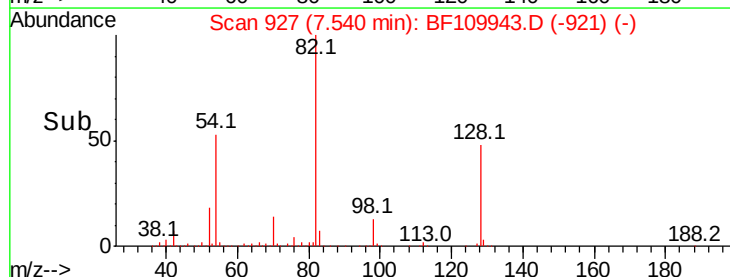
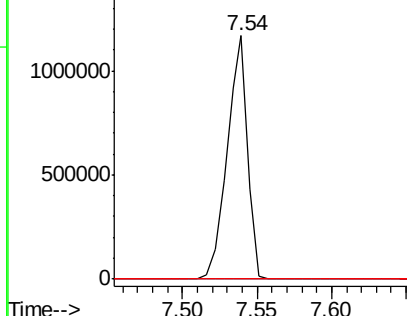


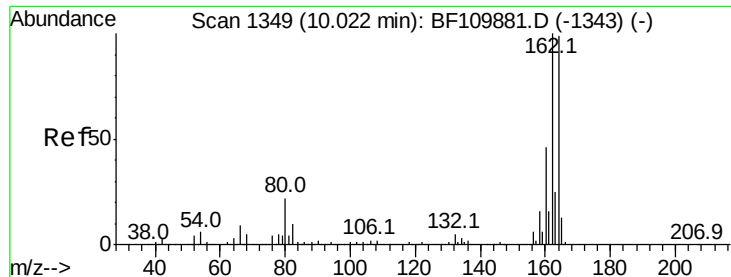
#25
Isophorone
Concen: 47.835 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.26 min
Lab File: BF109943.D
Acq: 18 Oct 2018 1:44

Tgt Ion: 82 Resp: 1122371
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

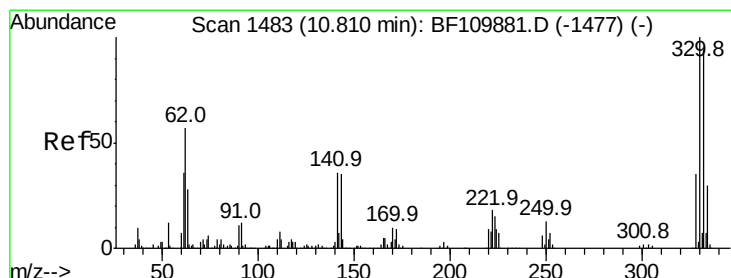
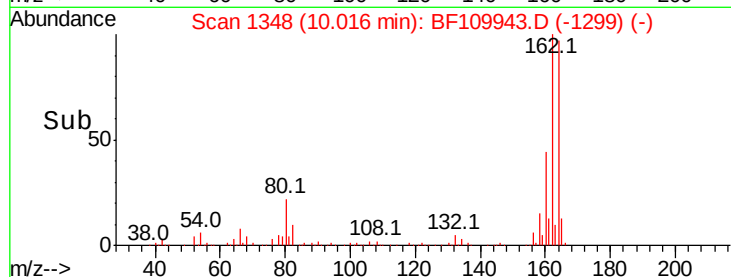
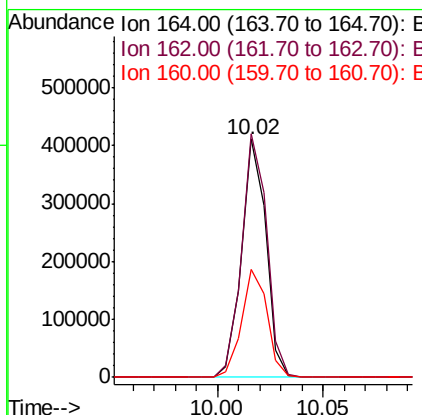
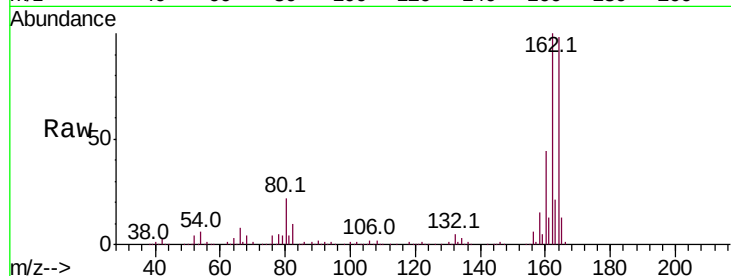




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF109943.D
 Acq: 18 Oct 2018 1:44

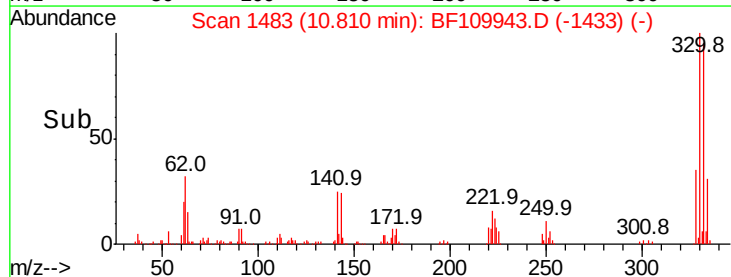
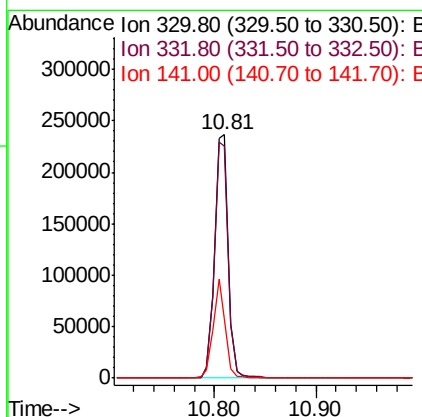
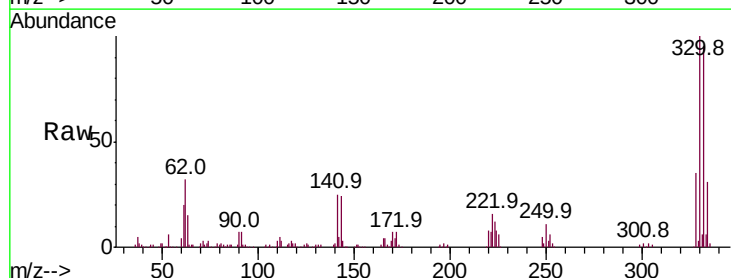
Instrument :
 BNA_F
 ClientSampled :

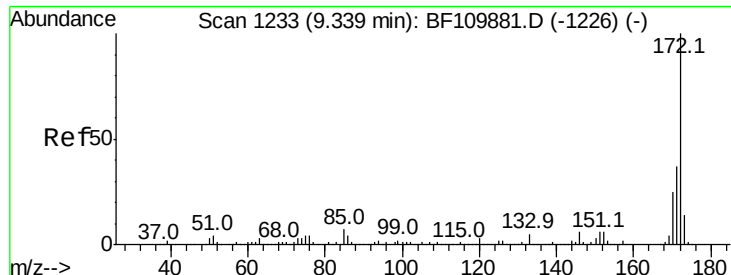
Tot Ion:164 Resp: 327987
 Ion Ratio Lower Upper
 164 100
 162 102.1 83.0 124.6
 160 45.2 37.0 55.6



#42
 2,4,6-Tribromophenol
 Concen: 78.479 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.01 min
 Lab File: BF109943.D
 Acq: 18 Oct 2018 1:44

Tgt Ion:330 Resp: 222852
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.1 115.7
 141 35.3 27.0 40.4



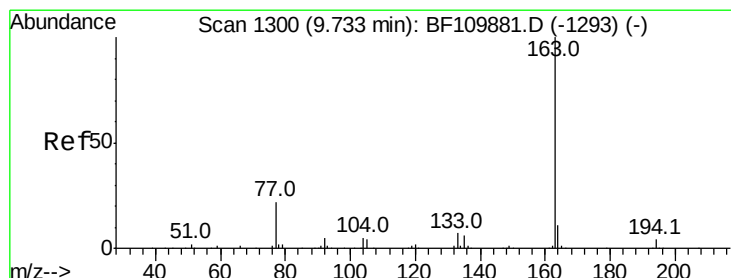
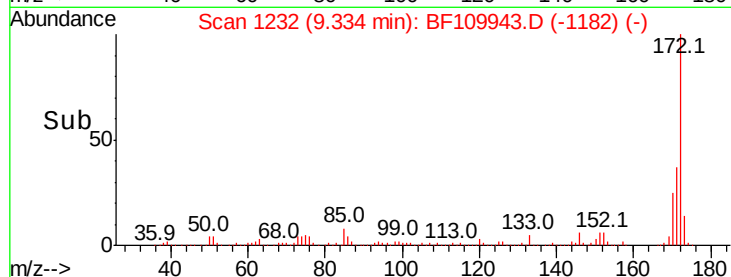
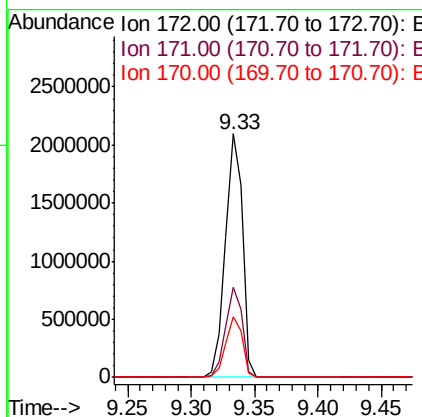
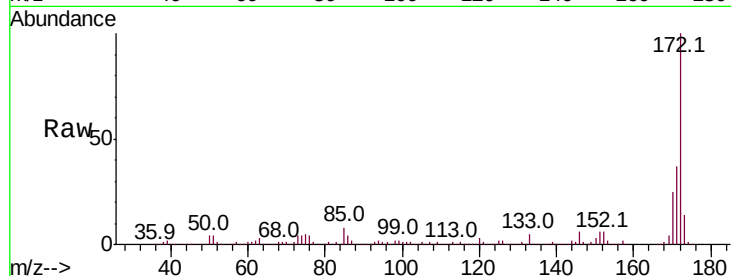


#45
 2-Fluorobiphenyl
 Concen: 95.252 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF109943.D
 Acq: 18 Oct 2018 1:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1957912

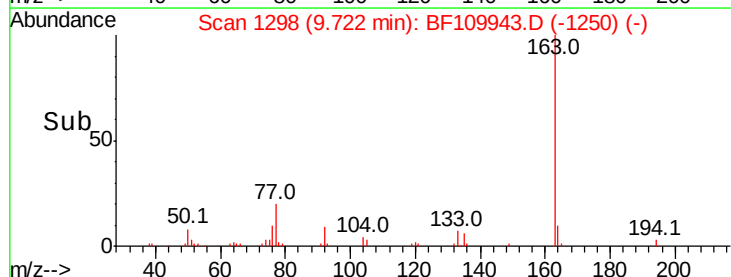
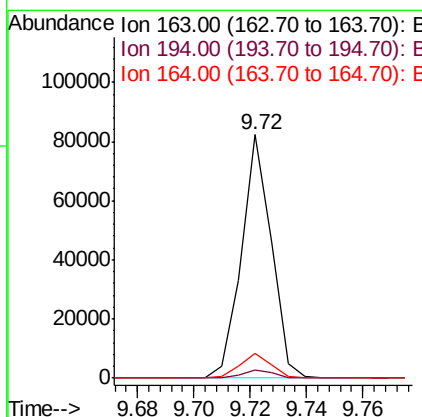
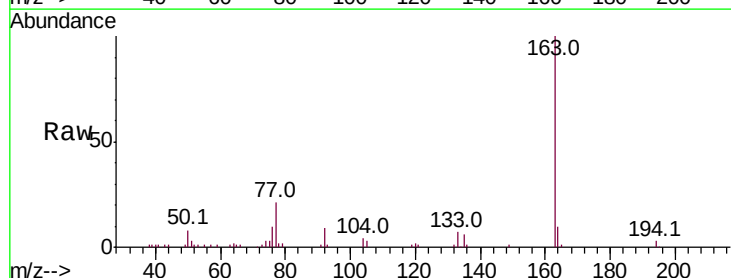
Ion	Ratio	Lower	Upper
172	100		
171	37.2	28.6	43.0
170	25.1	19.7	29.5

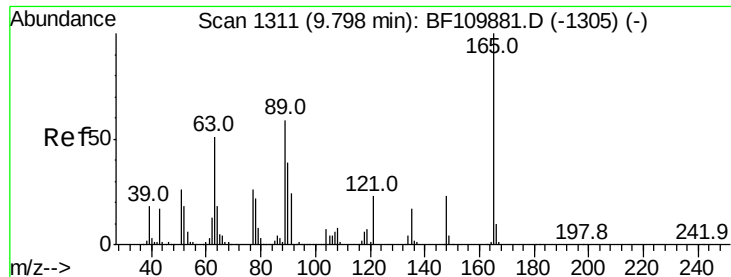


#50
 Dimethylphthalate
 Concen: 2.600 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BF109943.D
 Acq: 18 Oct 2018 1:44

Tgt Ion:163 Resp: 60375

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.2	4.8
164	10.1	8.1	12.1





#51

2,6-Dinitrotoluene

Concen: 9.461 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.21 min

Lab File: BF109943.D

Acq: 18 Oct 2018 1:44

Instrument :

BNA_F

ClientSampleId :

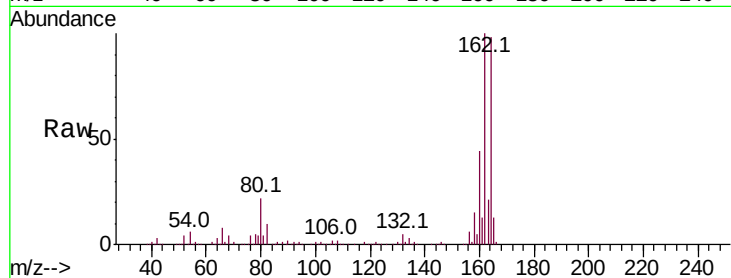
Tot Ion:165 Resp: 41735

Ion Ratio Lower Upper

165 100

63 1.1 48.9 73.3#

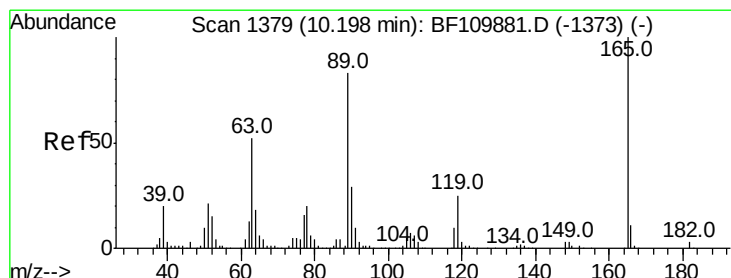
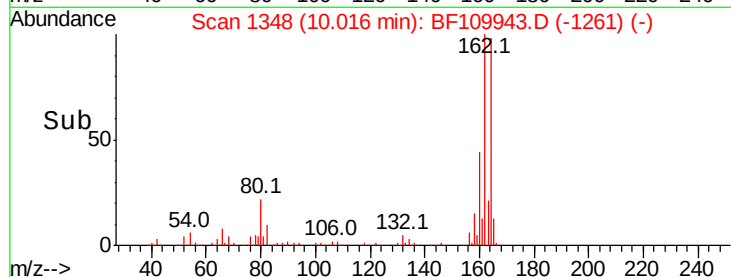
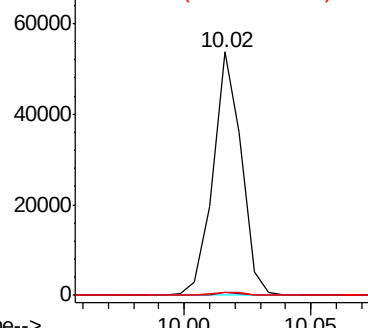
89 1.1 46.6 69.8#



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: 11.358 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.19 min

Lab File: BF109943.D

Acq: 18 Oct 2018 1:44

Tgt Ion:165 Resp: 41735

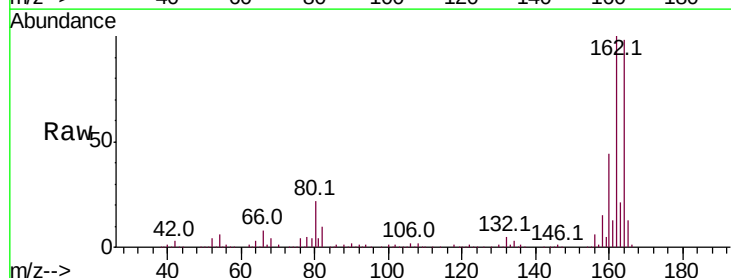
Ion Ratio Lower Upper

165 100

63 1.1 44.8 67.2#

89 1.1 62.2 93.4#

182 0.0 2.1 3.1#

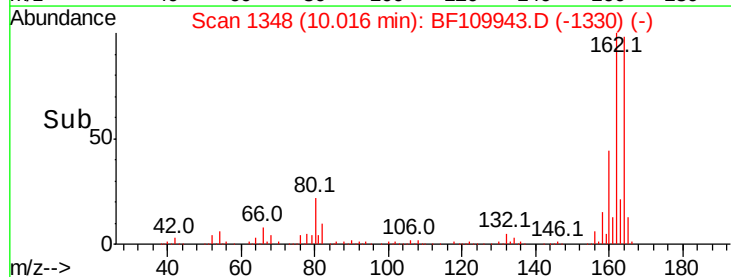
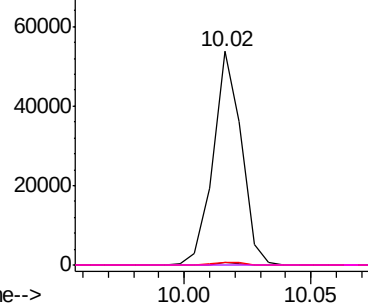


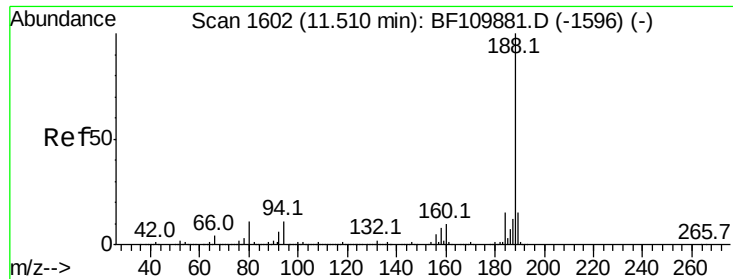
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.51 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BF109943.D

Acq: 18 Oct 2018 1:44

Instrument :

BNA_F

ClientSampleId :

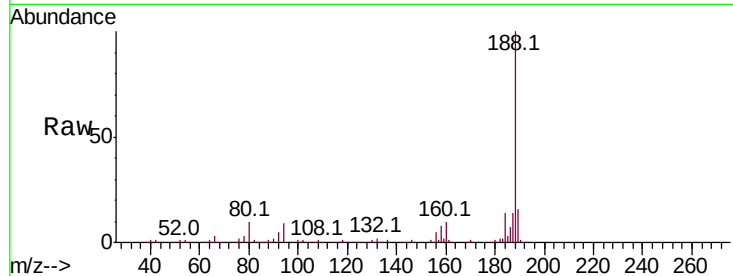
Tot Ion:188 Resp: 518993

Ion Ratio Lower Upper

188 100

94 9.5 7.2 10.8

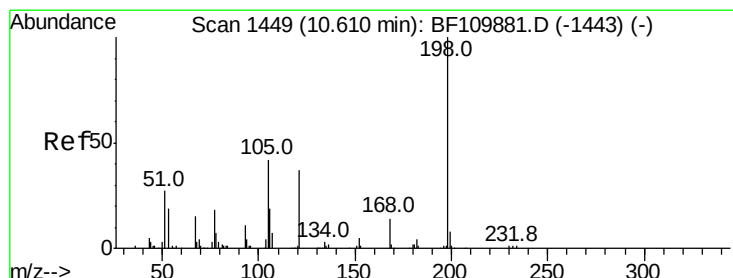
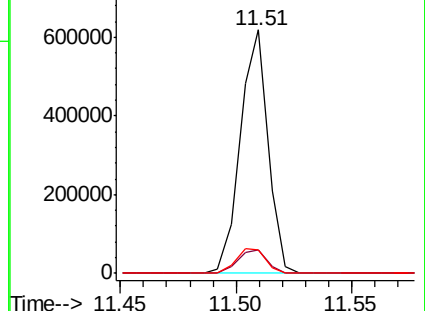
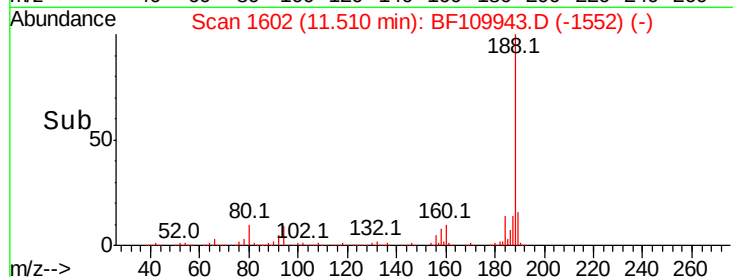
80 9.9 7.9 11.9



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



#65

4,6-Dinitro-2-methylphenol

Concen: 8.086 ng

RT: 10.80 min Scan# 1482

Delta R.T. 0.18 min

Lab File: BF109943.D

Acq: 18 Oct 2018 1:44

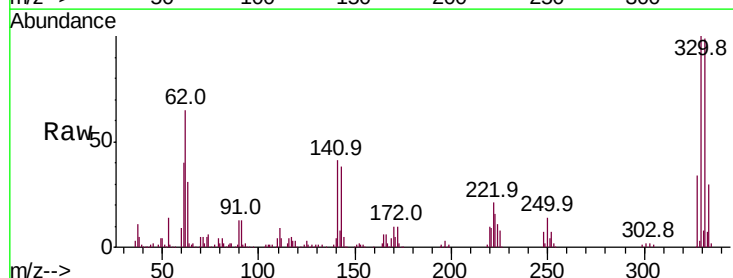
Tgt Ion:198 Resp: 408

Ion Ratio Lower Upper

198 100

51 185.8 22.8 62.8#

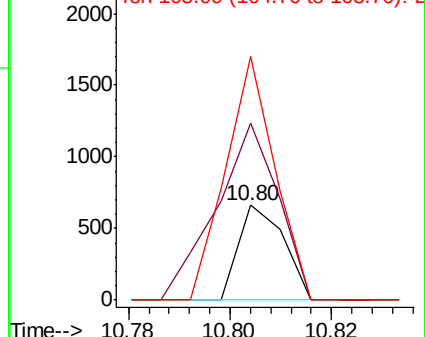
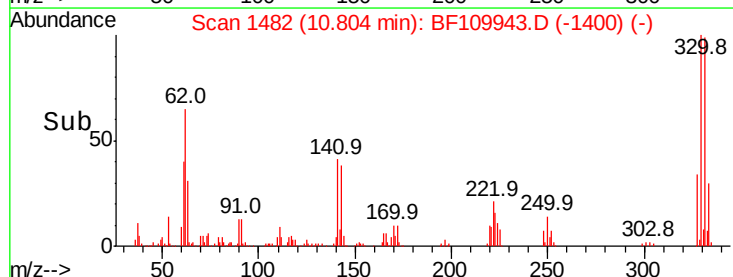
105 256.4 23.6 63.6#

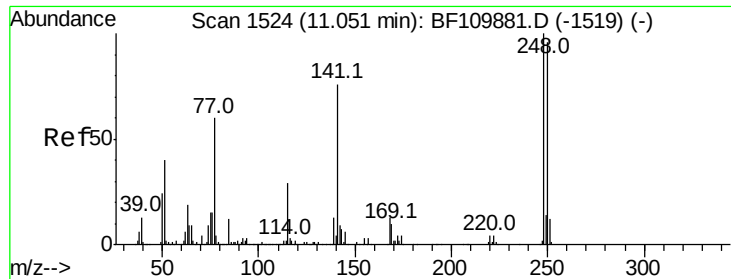


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

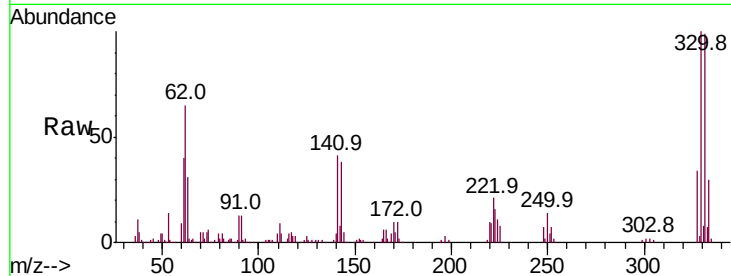




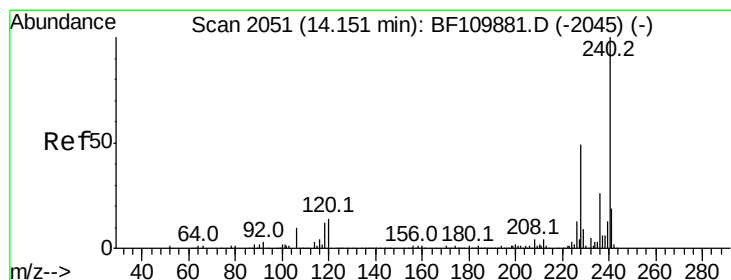
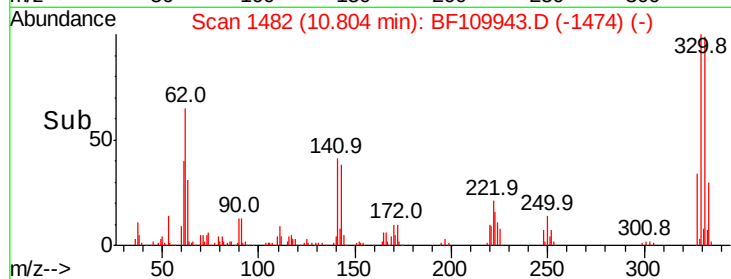
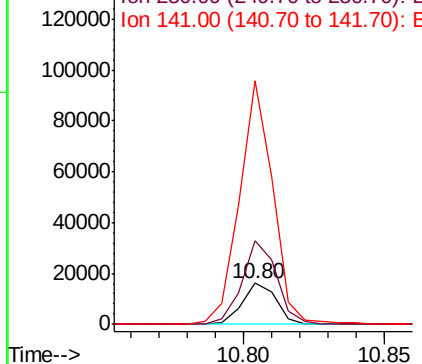
#67
 4-Bromophenyl-phenylether
 Concen: 2.398 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.25 min
 Lab File: BF109943.D
 Acq: 18 Oct 2018 1:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 13488
 Ion Ratio Lower Upper
 248 100
 250 205.8 79.4 119.2#
 141 597.2 55.9 83.9#

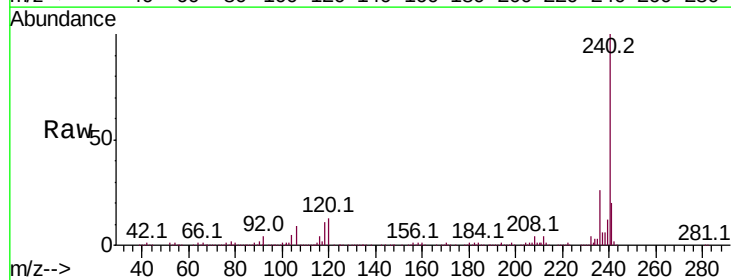


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

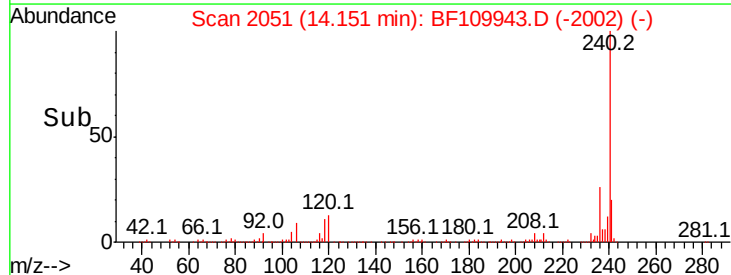
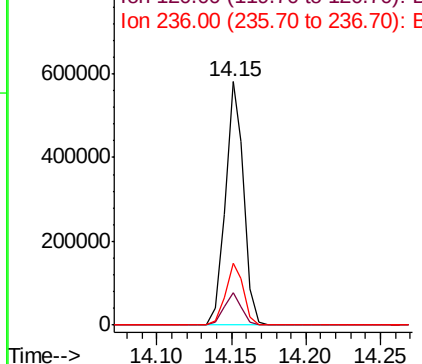


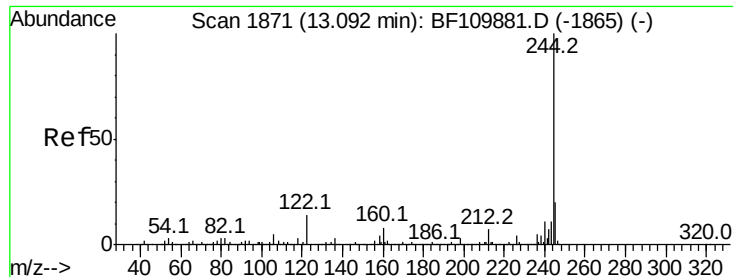
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BF109943.D
 Acq: 18 Oct 2018 1:44

Tgt Ion:240 Resp: 501938
 Ion Ratio Lower Upper
 240 100
 120 13.3 8.3 12.5#
 236 25.6 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



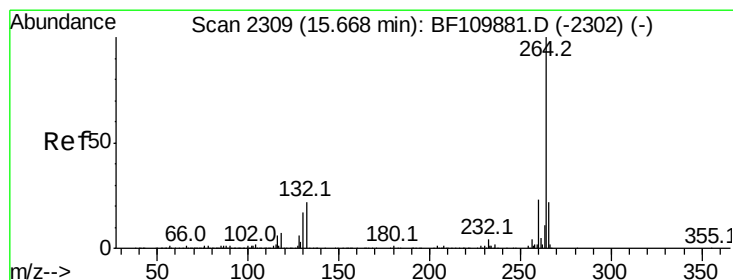
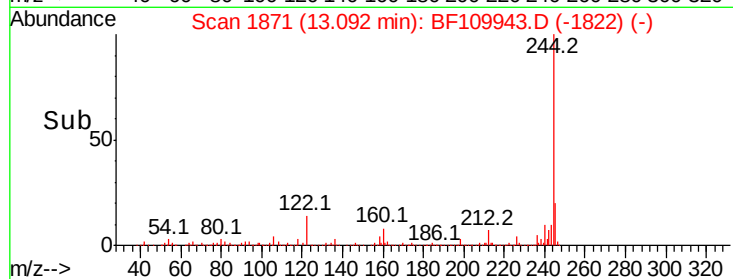
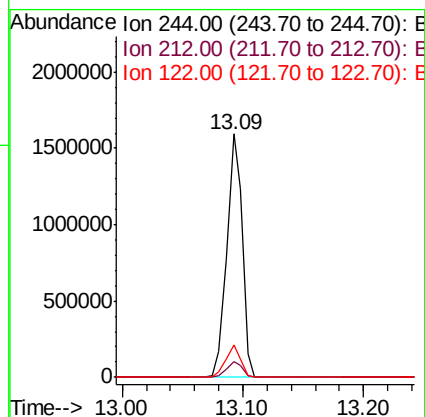
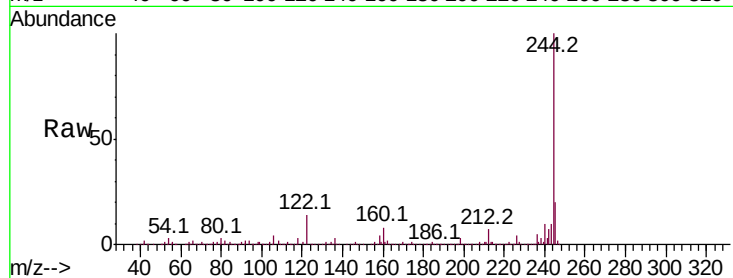


#79
 Terphenyl-d14
 Concen: 58.290 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BF109943.D
 Acq: 18 Oct 2018 1:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1393295

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	13.6	8.7	13.1#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2311
 Delta R.T. -0.01 min
 Lab File: BF109943.D
 Acq: 18 Oct 2018 1:44

Tgt Ion:264 Resp: 484719

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	21.3	16.7	25.1

