

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
 Data File : BF109925.D
 Acq On : 17 Oct 2018 17:40
 Operator : JU/SJ
 Sample : J5541-09
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 18 10:39:19 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

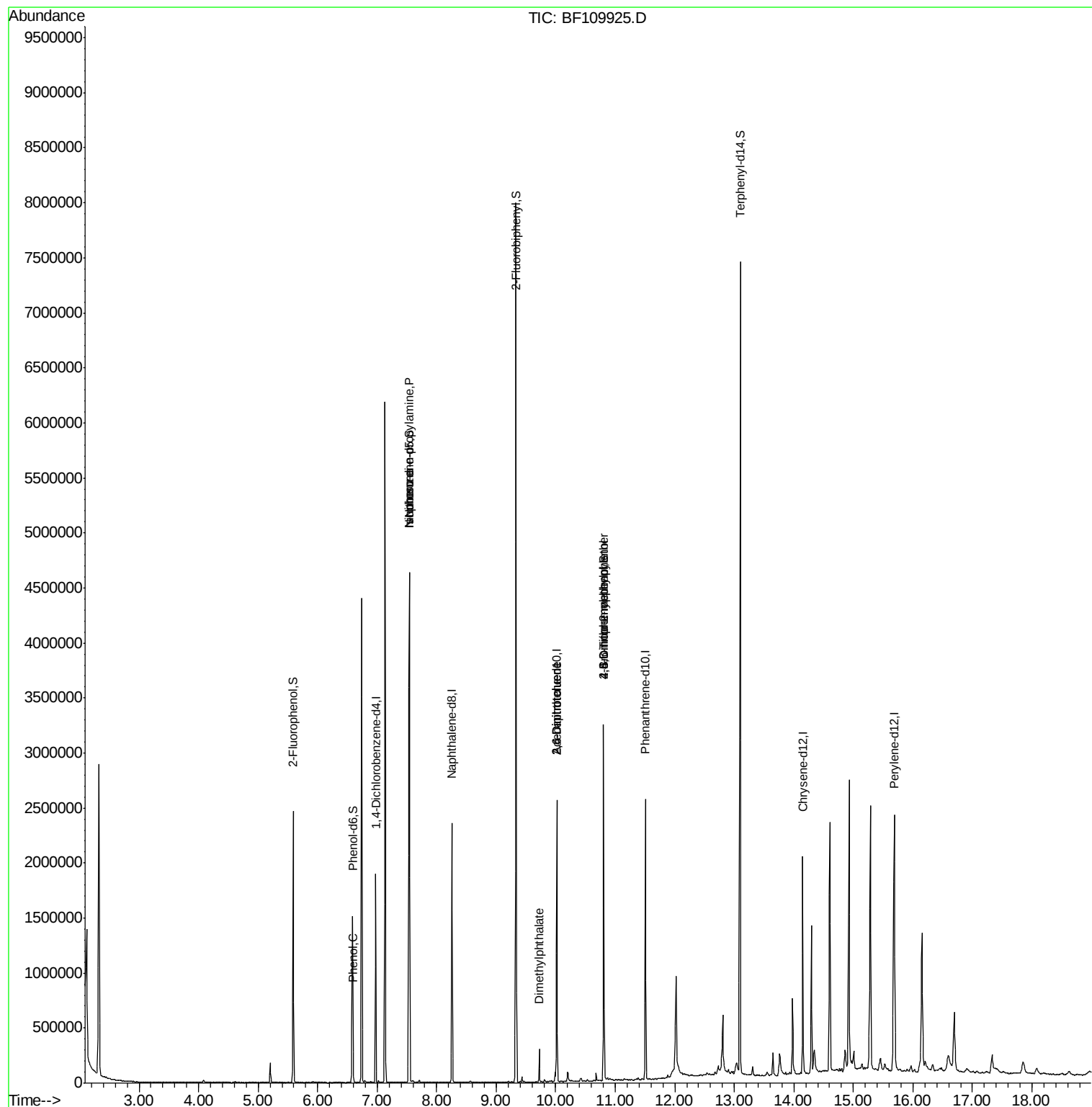
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	249514	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	1009780	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	478658	20.00	ng	-0.01
64) Phenanthrene-d10	11.51	188	901161	20.00	ng	0.00
76) Chrysene-d12	14.15	240	613294	20.00	ng	-0.01
87) Perylene-d12	15.67	264	450708	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	643012	40.85	ng	0.00
7) Phenol-d6	6.59	99	492043	25.17	ng	-0.02
23) Nitrobenzene-d5	7.54	82	1554000	103.67	ng	-0.01
42) 2,4,6-Tribromophenol	10.81	330	399427	96.38	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	2719785	90.67	ng	0.00
79) Terphenyl-d14	13.10	244	2547568	87.23	ng	0.00
Target Compounds						
10) Phenol	6.60	94	76080	3.605	ng	# 59
19) n-Nitroso-di-n-propylamine	7.54	70	208567	16.619	ng	# 82
25) Isophorone	7.54	82	1554257	52.770	ng	# 67
50) Dimethylphthalate	9.72	163	98695	2.912	ng	# 99
51) 2,6-Dinitrotoluene	10.02	165	61359	9.531	ng	# 23
57) 2,4-Dinitrotoluene	10.02	165	61359	11.408	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.80	198	972	8.153	ng	# 1
67) 4-Bromophenyl-phenylether	10.81	248	25087	2.569	ng	# 1

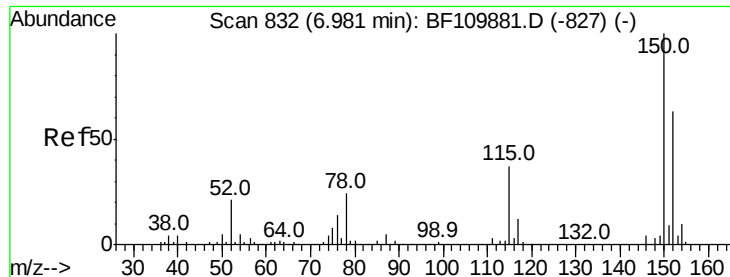
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
Data File : BF109925.D
Acq On : 17 Oct 2018 17:40
Operator : JU/SJ
Sample : J5541-09
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 18 10:39:19 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



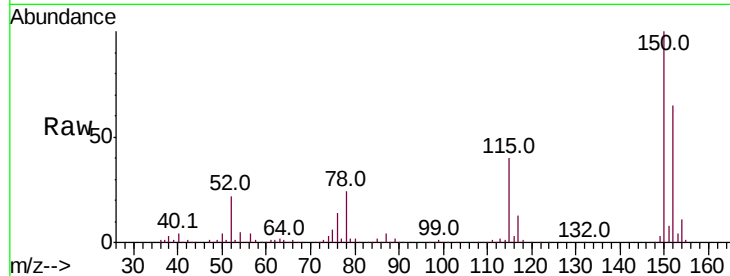


#1

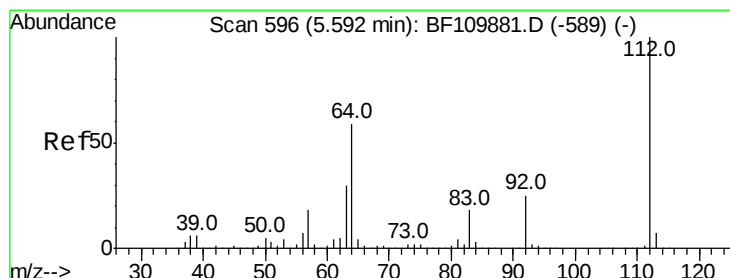
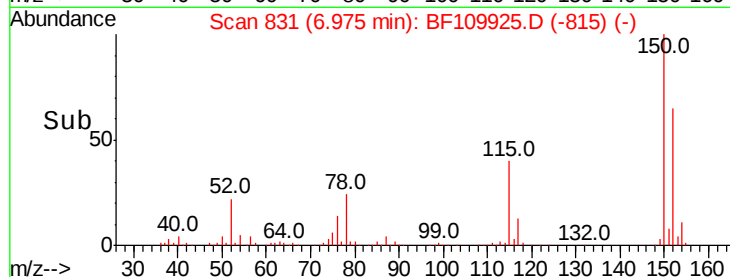
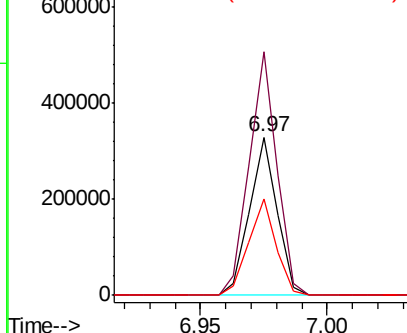
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109925.D
Acq: 17 Oct 2018 17:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 249514
Ion Ratio Lower Upper
152 100
150 153.9 122.7 184.1
115 60.9 49.1 73.7



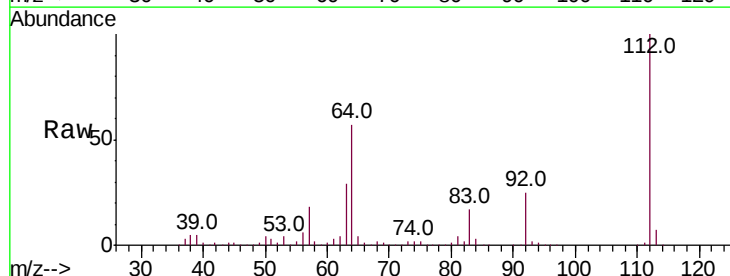
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



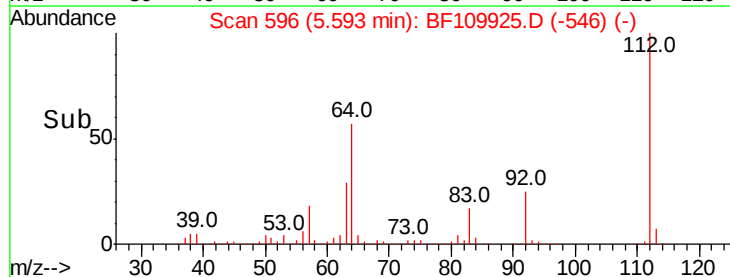
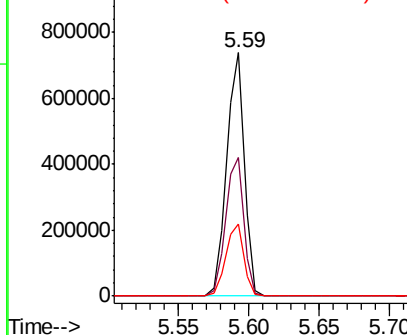
#5

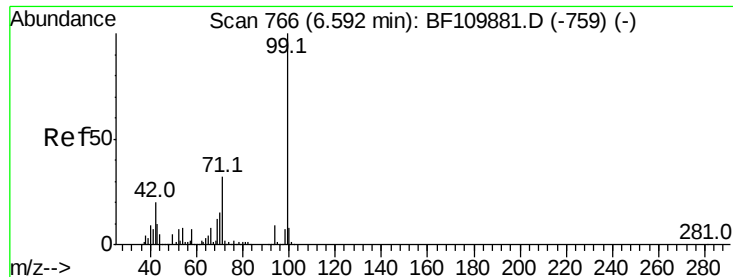
2-Fluorophenol
Concen: 40.850 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF109925.D
Acq: 17 Oct 2018 17:40

Tgt Ion:112 Resp: 643012
Ion Ratio Lower Upper
112 100
64 57.0 44.1 66.1
63 29.4 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: 25.174 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF109925.D

Acq: 17 Oct 2018 17:40

Instrument :

BNA_F

ClientSampleId :

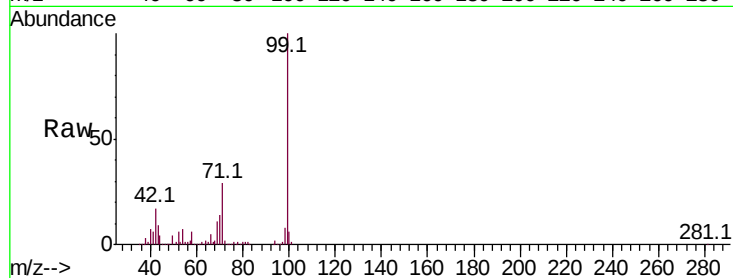
Tot Ion: 99 Resp: 492043

Ion Ratio Lower Upper

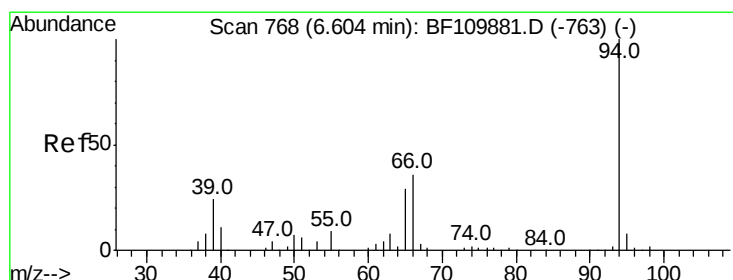
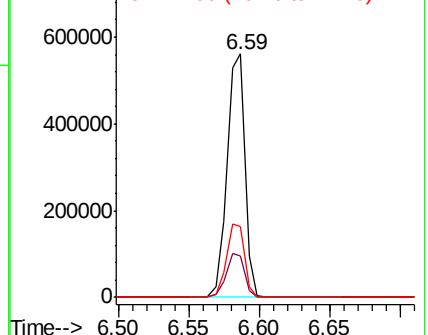
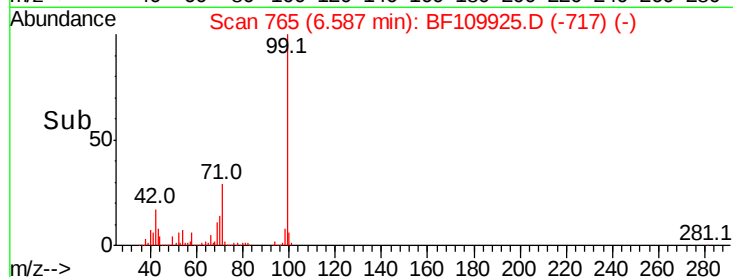
99 100

42 17.0 15.8 23.6

71 29.3 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



#10

Phenol

Concen: 3.605 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF109925.D

Acq: 17 Oct 2018 17:40

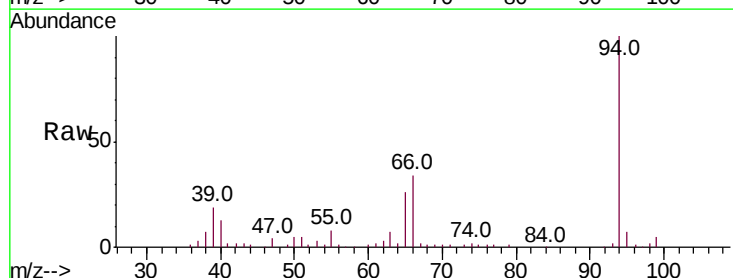
Tgt Ion: 94 Resp: 76080

Ion Ratio Lower Upper

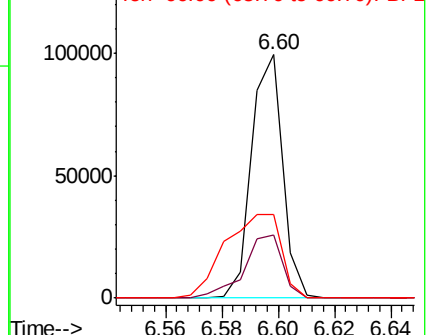
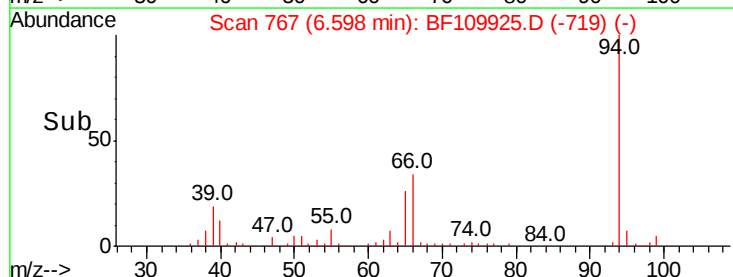
94 100

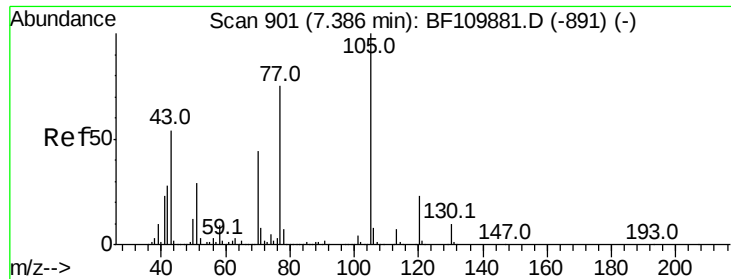
65 26.0 25.3 65.3

66 34.2 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

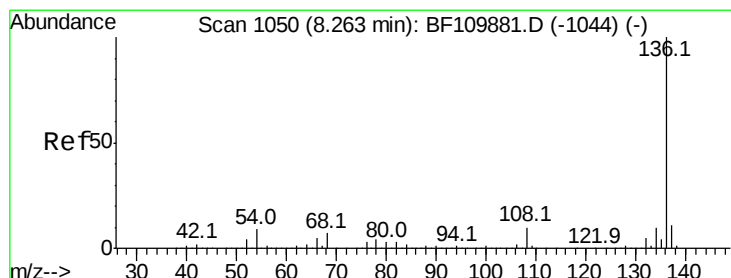
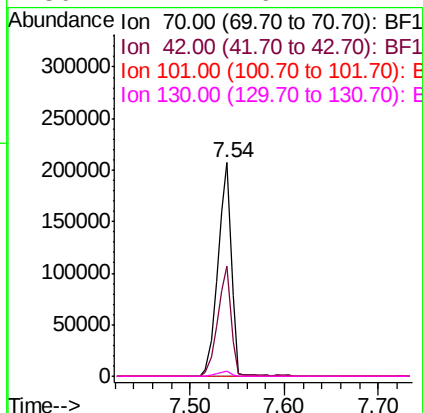
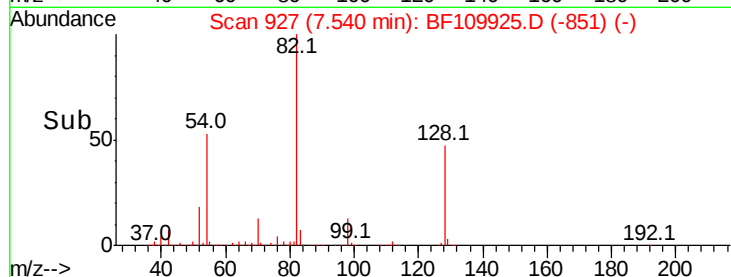
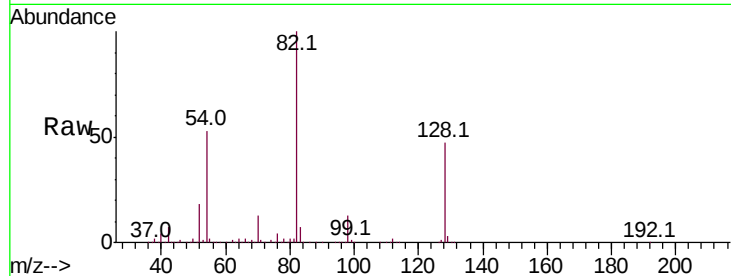




#19
n-Nitroso-di-n-propylamine
Concen: 16.619 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.15 min
Lab File: BF109925.D
Acq: 17 Oct 2018 17:40

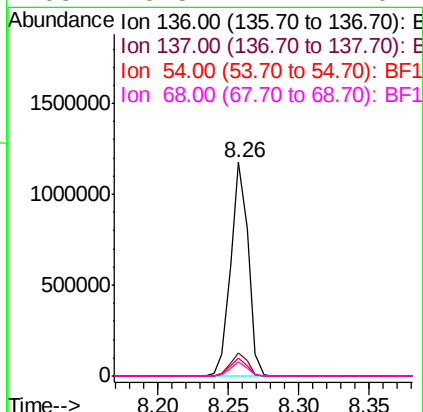
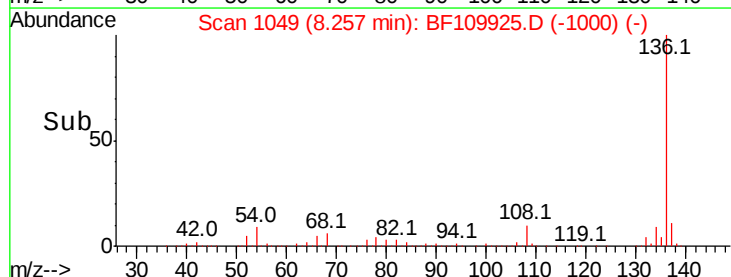
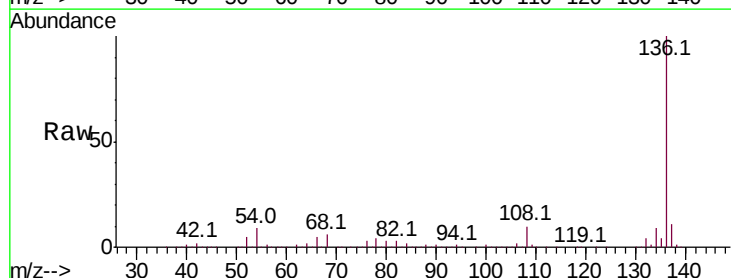
Instrument :
BNA_F
ClientSampleId :

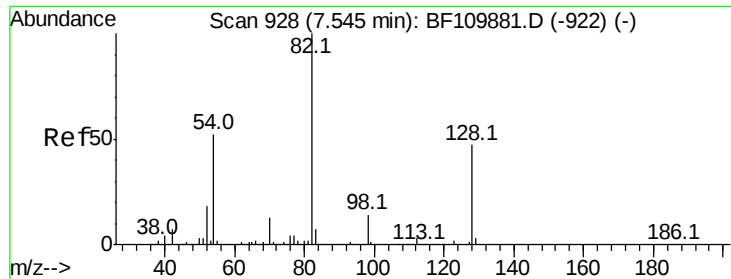
Tot Ion: 70 Resp: 208567
Ion Ratio Lower Upper
70 100
42 51.3 47.4 71.2
101 0.0 7.3 10.9#
130 2.7 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF109925.D
Acq: 17 Oct 2018 17:40

Tgt Ion:136 Resp: 1009780
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.6 5.4 8.2#
68 6.3 4.2 6.2#





#23

Nitrobenzene-d5

Concen: 103.670 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF109925.D

Acq: 17 Oct 2018 17:40

Instrument :

BNA_F

ClientSampleId :

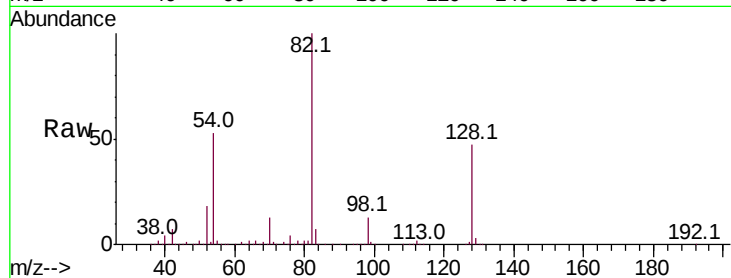
Tot Ion: 82 Resp: 1554000

Ion Ratio Lower Upper

82 100

128 46.7 34.2 51.2

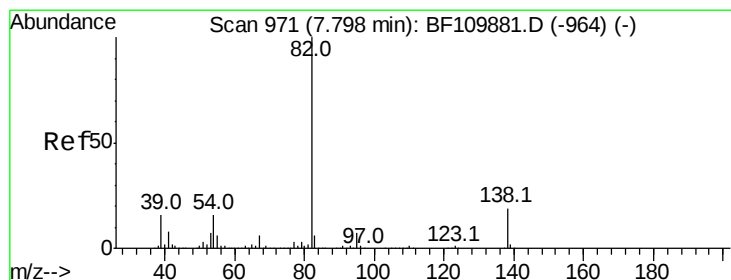
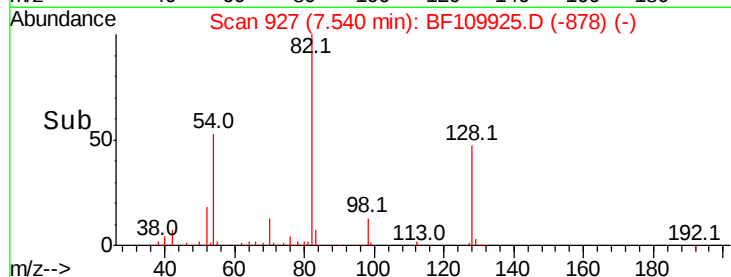
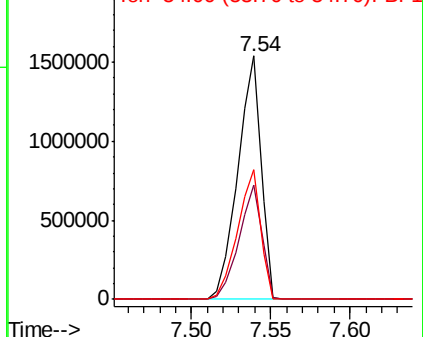
54 53.5 38.6 58.0



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: 52.770 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.26 min

Lab File: BF109925.D

Acq: 17 Oct 2018 17:40

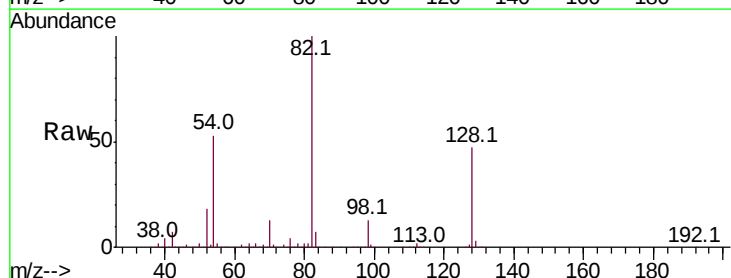
Tgt Ion: 82 Resp: 1554257

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

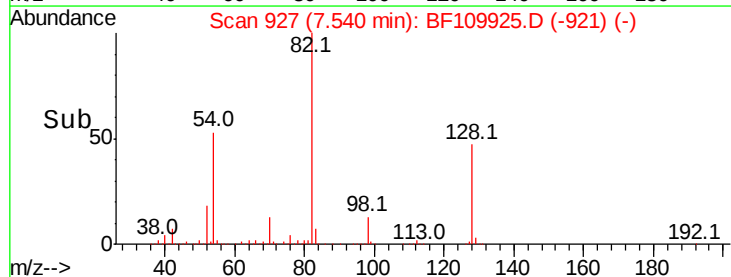
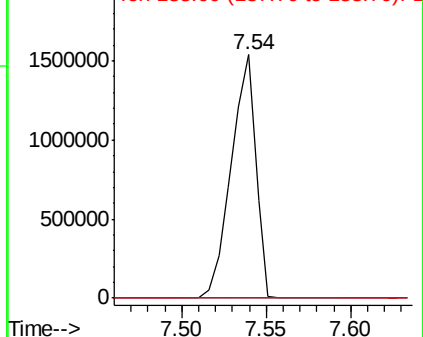
138 0.0 13.2 19.8#

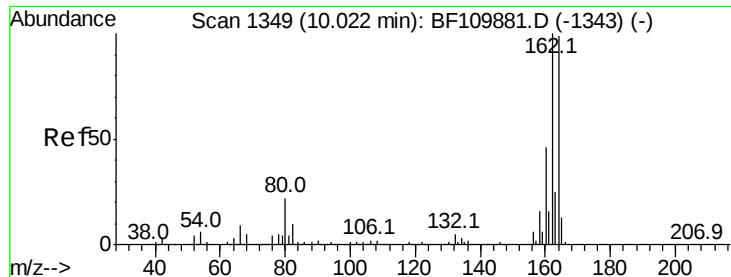


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

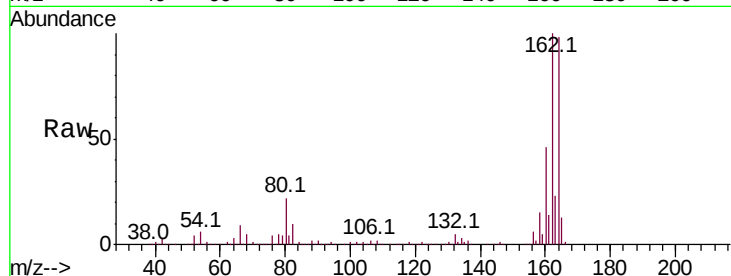




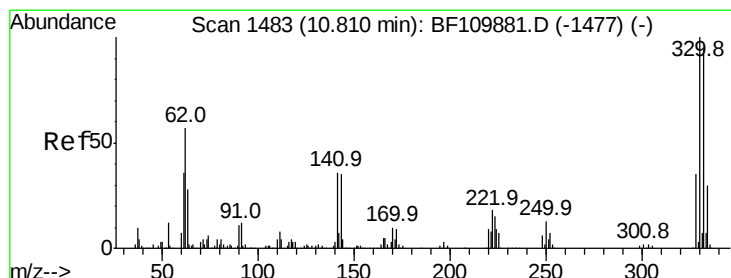
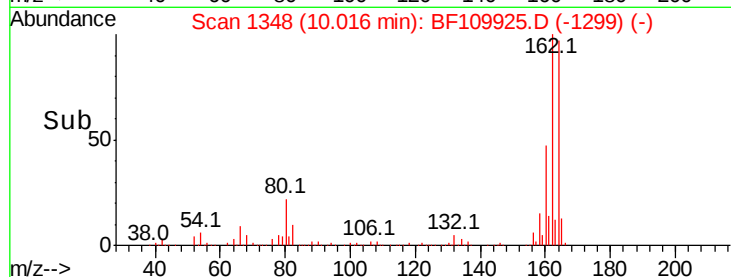
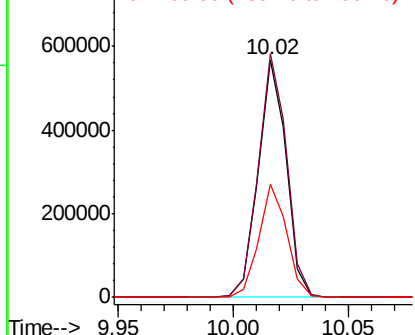
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF109925.D
 Acq: 17 Oct 2018 17:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 478658
 Ion Ratio Lower Upper
 164 100
 162 102.5 83.0 124.6
 160 47.6 37.0 55.6

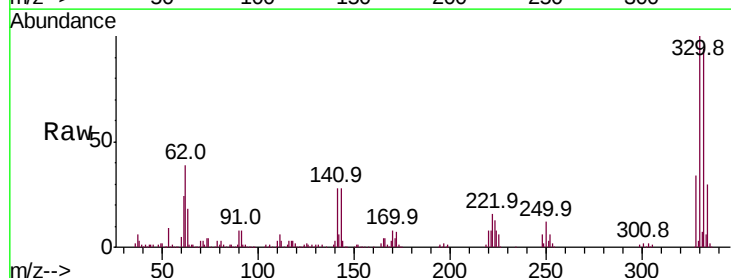


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

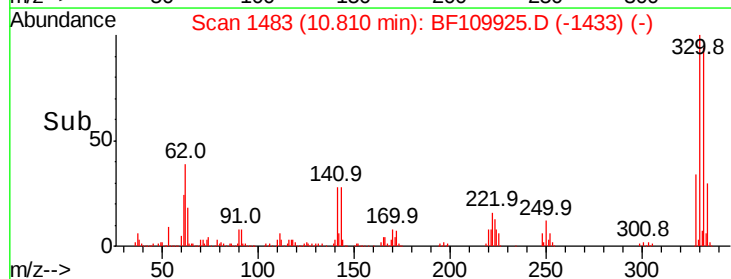
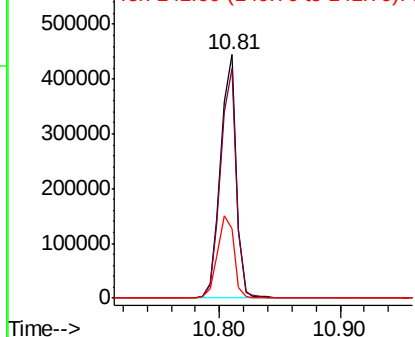


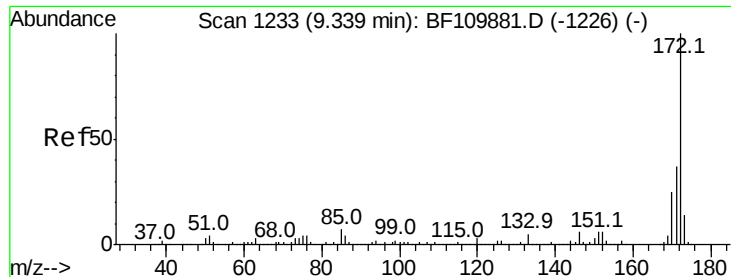
#42
 2,4,6-Tribromophenol
 Concen: 96.385 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.01 min
 Lab File: BF109925.D
 Acq: 17 Oct 2018 17:40

Tgt Ion:330 Resp: 399427
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.1 115.7
 141 35.5 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



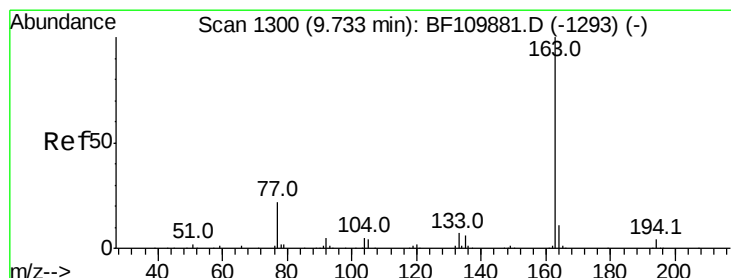
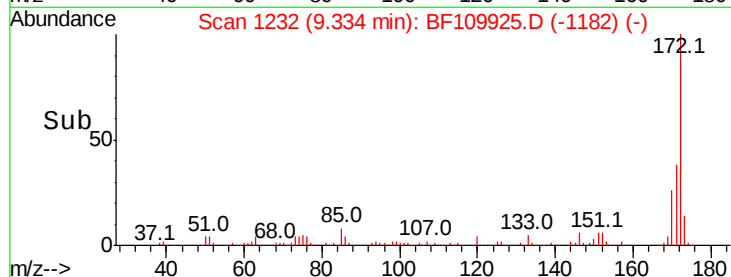
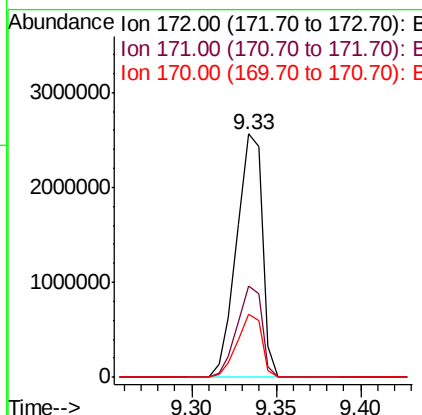
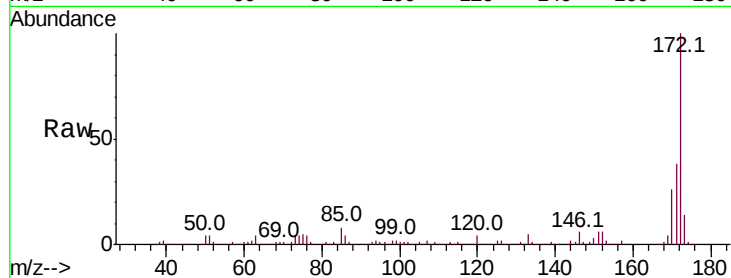


#45
 2-Fluorobiphenyl
 Concen: 90.667 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF109925.D
 Acq: 17 Oct 2018 17:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 2719785

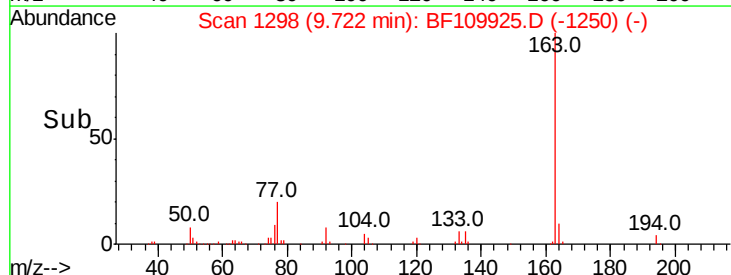
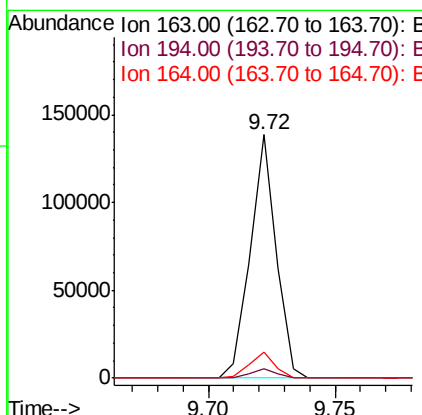
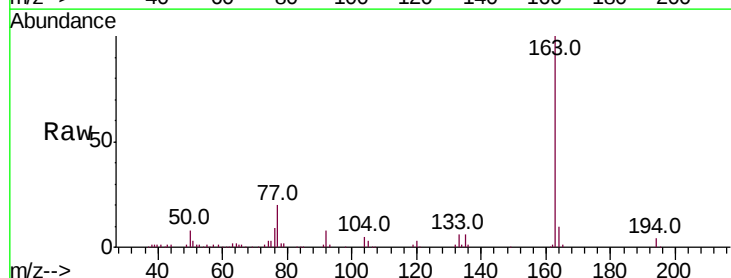
Ion	Ratio	Lower	Upper
172	100		
171	37.7	28.6	43.0
170	25.7	19.7	29.5

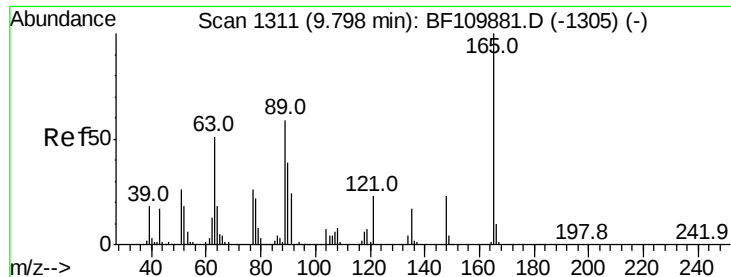


#50
 Dimethylphthalate
 Concen: 2.912 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BF109925.D
 Acq: 17 Oct 2018 17:40

Tgt Ion:163 Resp: 98695

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	10.5	8.1	12.1





#51

2,6-Dinitrotoluene

Concen: 9.531 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.21 min

Lab File: BF109925.D

Acq: 17 Oct 2018 17:40

Instrument :

BNA_F

ClientSampleId :

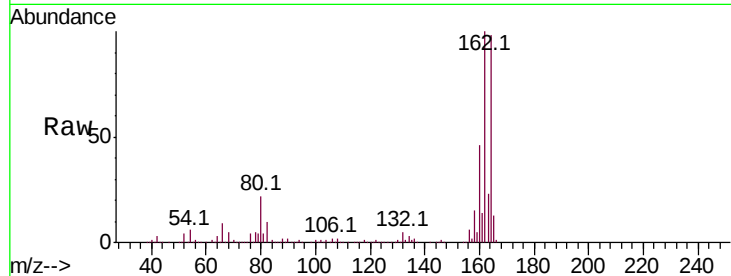
Tot Ion:165 Resp: 61359

Ion Ratio Lower Upper

165 100

63 1.1 48.9 73.3#

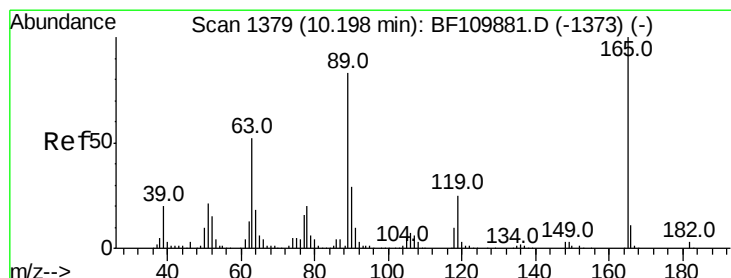
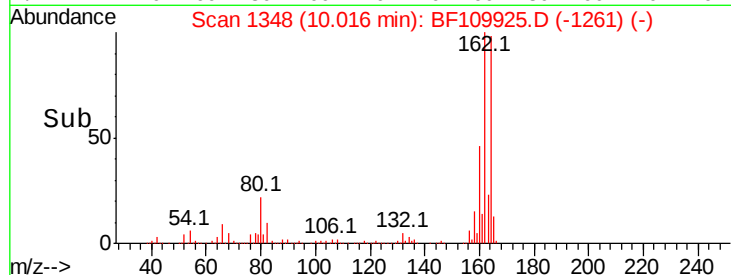
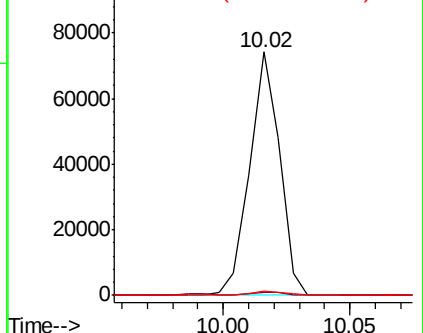
89 1.5 46.6 69.8#



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: 11.408 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.19 min

Lab File: BF109925.D

Acq: 17 Oct 2018 17:40

Tgt Ion:165 Resp: 61359

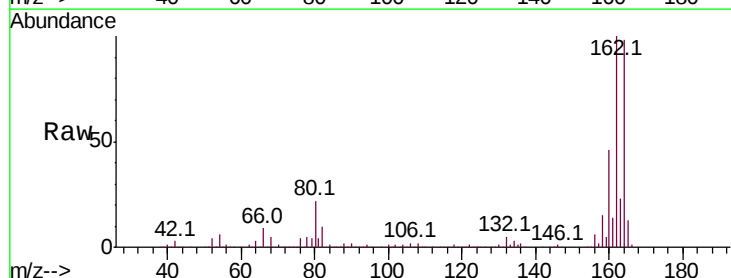
Ion Ratio Lower Upper

165 100

63 1.1 44.8 67.2#

89 1.5 62.2 93.4#

182 0.0 2.1 3.1#

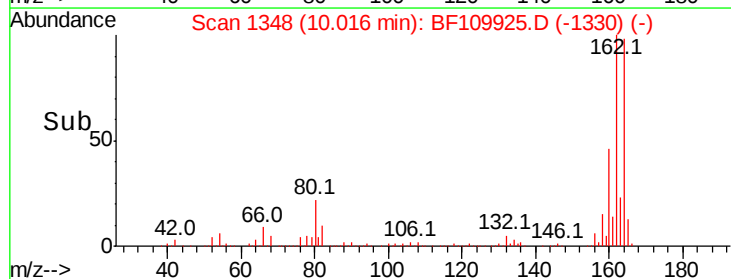
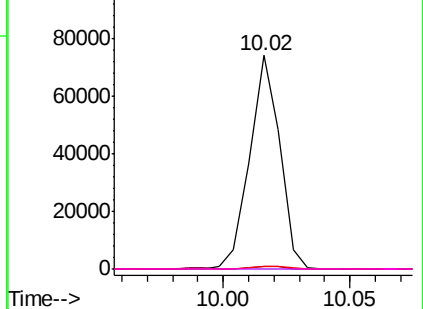


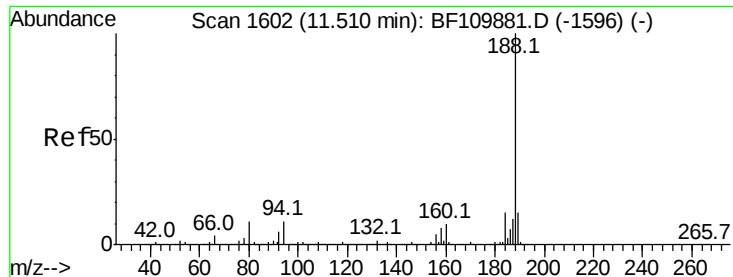
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF109925.D

Acq: 17 Oct 2018 17:40

Instrument :

BNA_F

ClientSampleId :

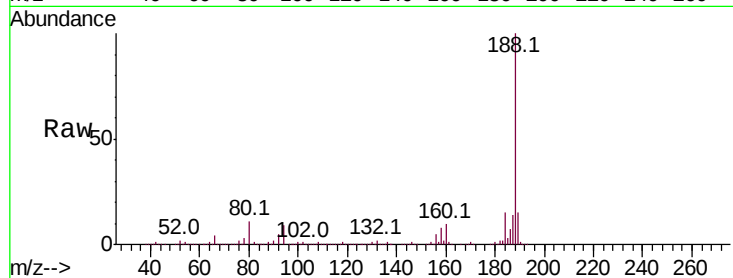
Tot Ion:188 Resp: 901161

Ion Ratio Lower Upper

188 100

94 9.5 7.2 10.8

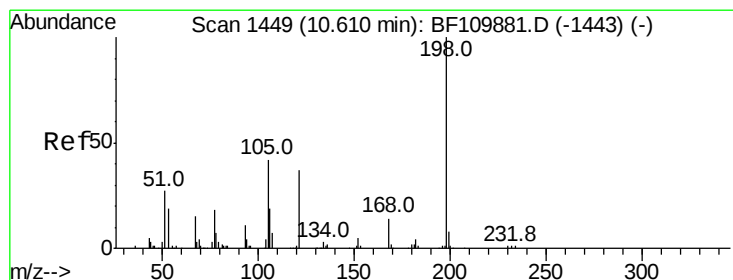
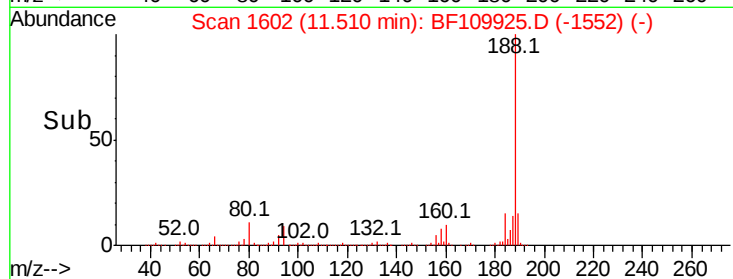
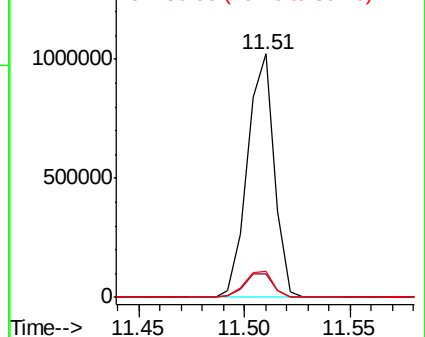
80 10.6 7.9 11.9



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



#65

4,6-Dinitro-2-methylphenol

Concen: 8.153 ng

RT: 10.80 min Scan# 1482

Delta R.T. 0.18 min

Lab File: BF109925.D

Acq: 17 Oct 2018 17:40

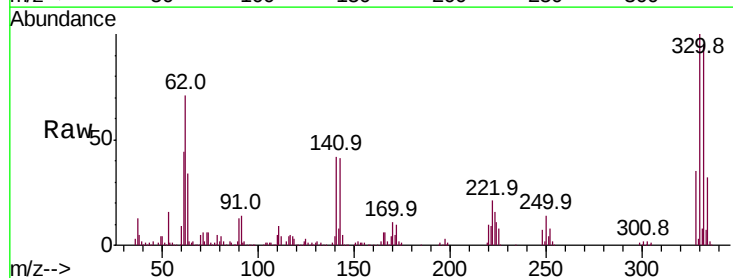
Tgt Ion:198 Resp: 972

Ion Ratio Lower Upper

198 100

51 164.3 22.8 62.8#

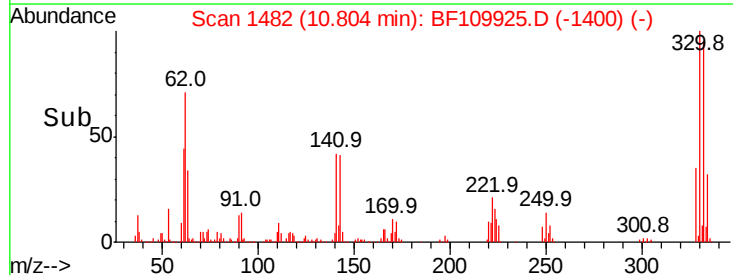
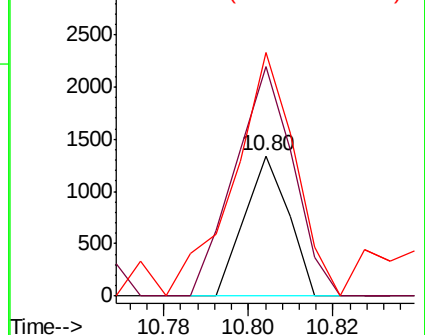
105 174.0 23.6 63.6#

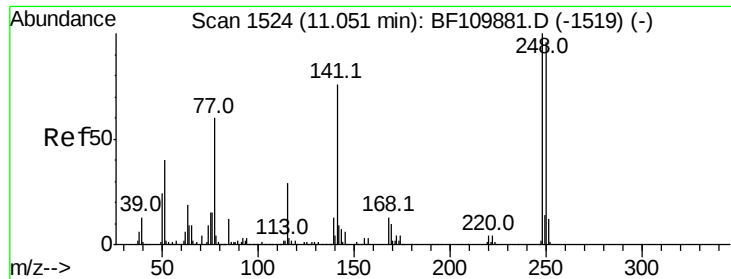


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

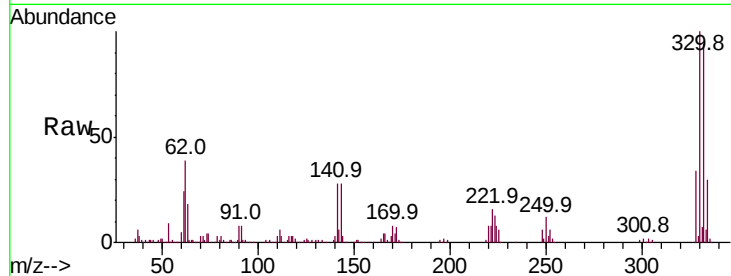




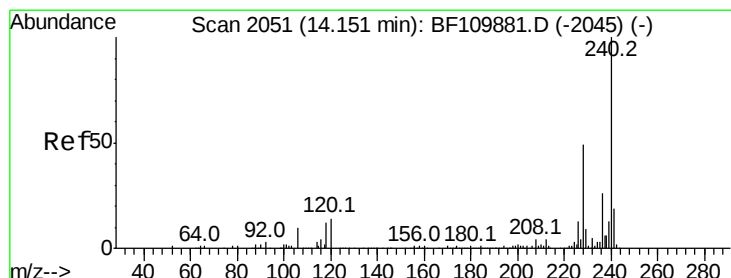
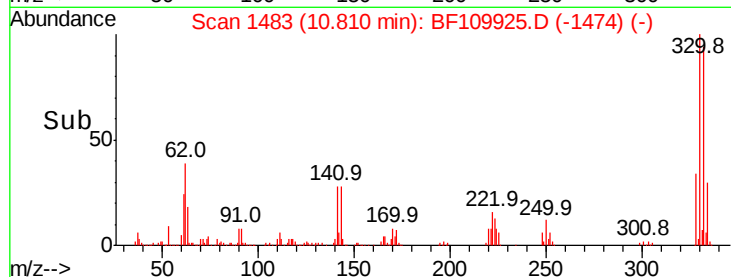
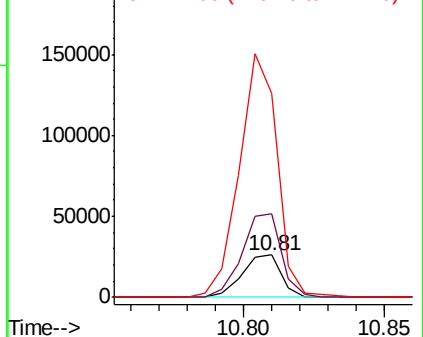
#67
4-Bromophenyl-phenylether
Concen: 2.569 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.25 min
Lab File: BF109925.D
Acq: 17 Oct 2018 17:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 25087
Ion Ratio Lower Upper
248 100
250 199.1 79.4 119.2#
141 484.0 55.9 83.9#

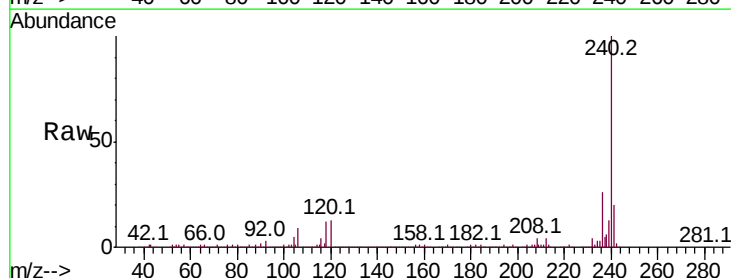


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

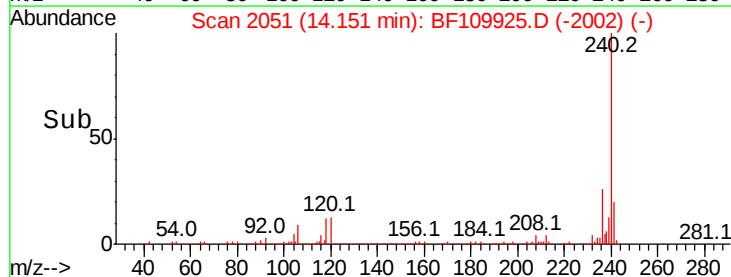
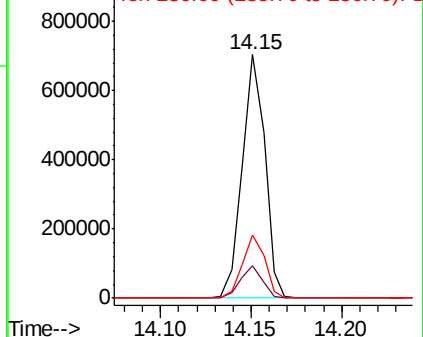


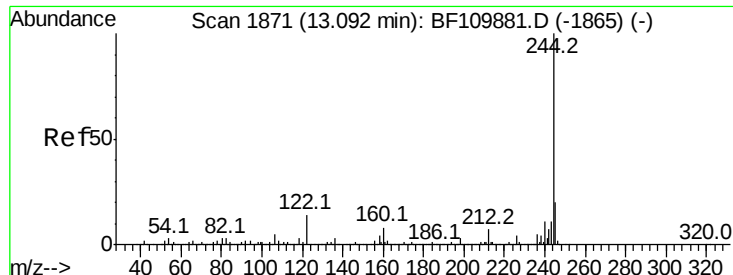
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF109925.D
Acq: 17 Oct 2018 17:40

Tgt Ion:240 Resp: 613294
Ion Ratio Lower Upper
240 100
120 13.3 8.3 12.5#
236 25.8 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

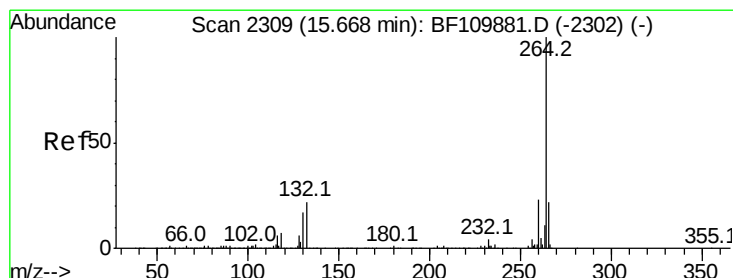
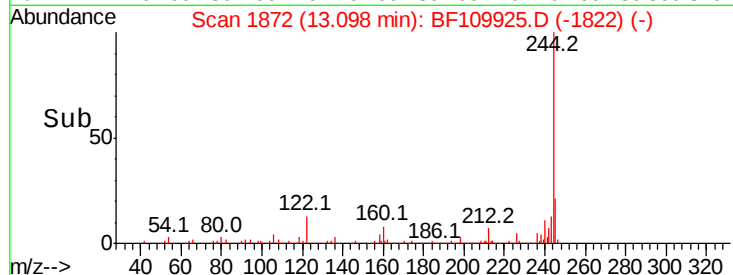
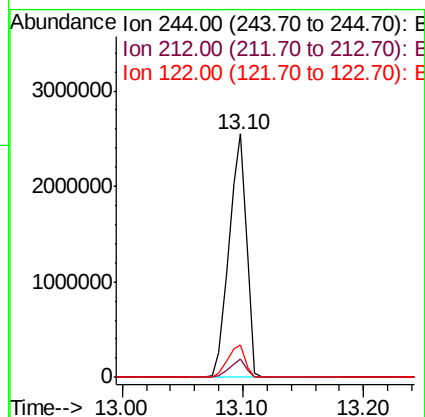
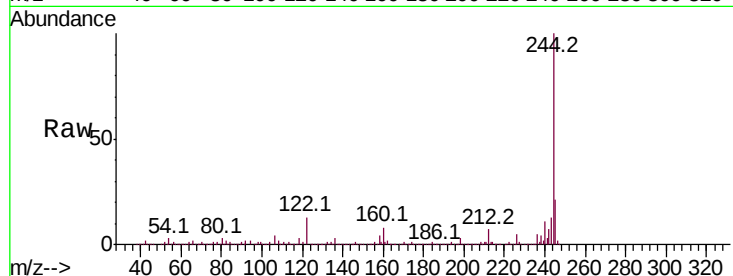




#79
 Terphenyl-d14
 Concen: 87.229 ng
 RT: 13.10 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BF109925.D
 Acq: 17 Oct 2018 17:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 2547568
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.8
 122 13.4 8.7 13.1#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2310
 Delta R.T. -0.02 min
 Lab File: BF109925.D
 Acq: 17 Oct 2018 17:40

Tgt Ion:264 Resp: 450708
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.7 28.1
 265 21.1 16.7 25.1

