

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
 Data File : BF109868.D
 Acq On : 13 Oct 2018 7:20
 Operator : JU/SJ
 Sample : J5444-11
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 15 01:20:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

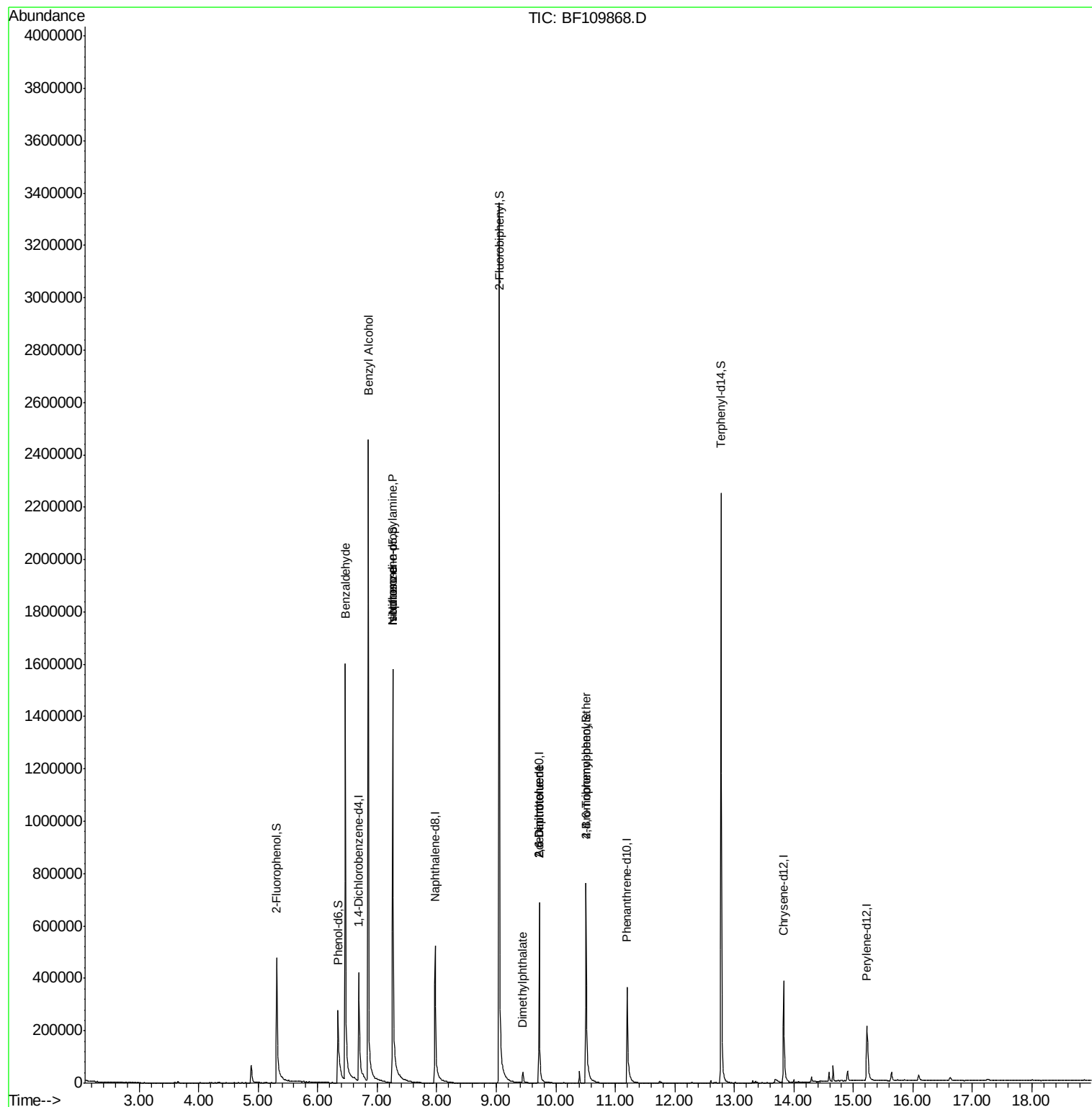
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	97671	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	369514	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	158942	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	233811	20.00	ng	0.00
75) Chrysene-d12	13.83	240	200936	20.00	ng	0.00
86) Perylene-d12	15.23	264	153355	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	232494	42.25	ng	-0.01
7) Phenol-d6	6.34	99	209524	28.50	ng	-0.02
23) Nitrobenzene-d5	7.26	82	765832	114.25	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	144361	83.36	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1305550	113.13	ng	0.00
78) Terphenyl-d14	12.78	244	846714	81.57	ng	0.00
Target Compounds						
9) Benzaldehyde	6.46	77	11101	2.347	ng	# 80
15) Benzyl Alcohol	6.85	79	11880	2.180	ng	# 49
19) n-Nitroso-di-n-propylamine	7.26	70	99065	19.218	ng	# 78
25) Isophorone	7.26	82	775805	69.695	ng	# 67
49) Dimethylphthalate	9.45	163	29461	2.527	ng	# 99
50) 2,6-Dinitrotoluene	9.72	165	19024	7.529	ng	# 24
56) 2,4-Dinitrotoluene	9.72	165	19145	6.071	ng	# 20
66) 4-Bromophenyl-phenylether	10.50	248	8355	3.110	ng	# 1

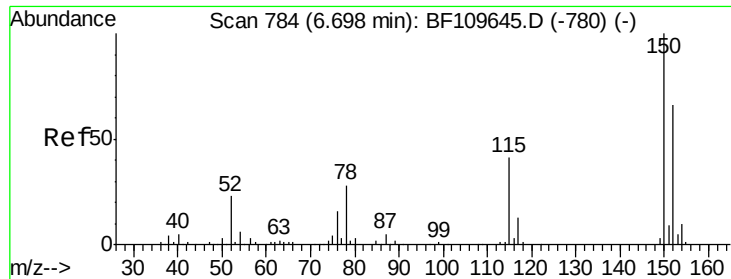
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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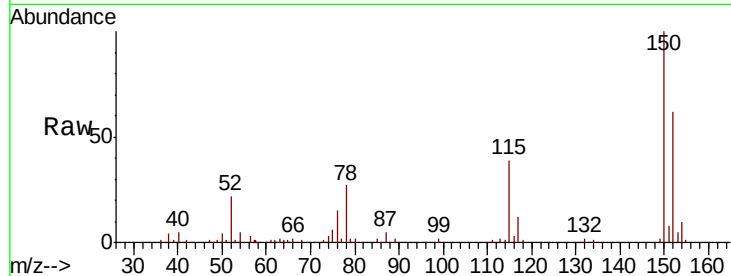


#1

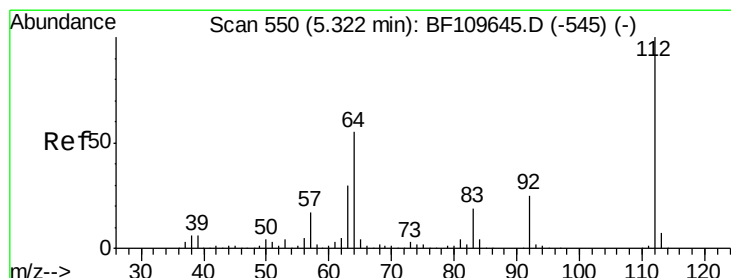
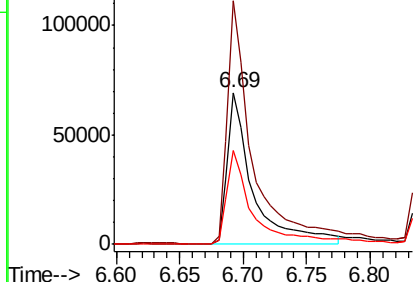
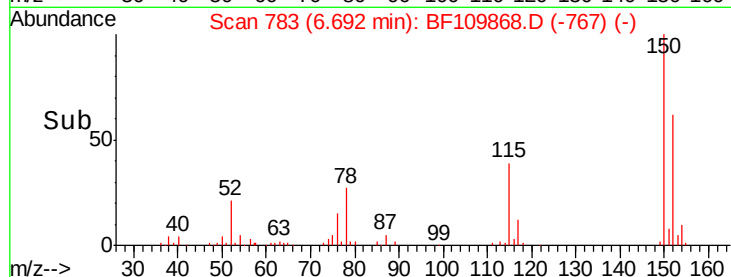
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109868.D
Acq: 13 Oct 2018 7:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 97671
Ion Ratio Lower Upper
152 100
150 160.2 122.7 184.1
115 62.1 49.1 73.7



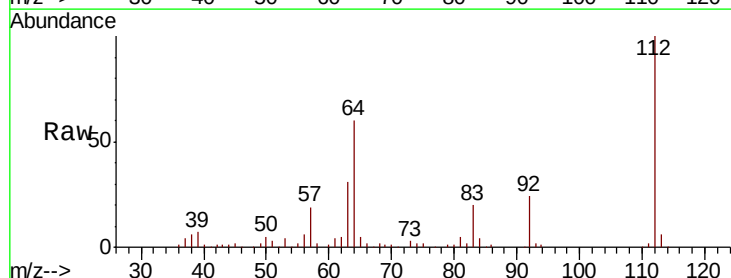
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



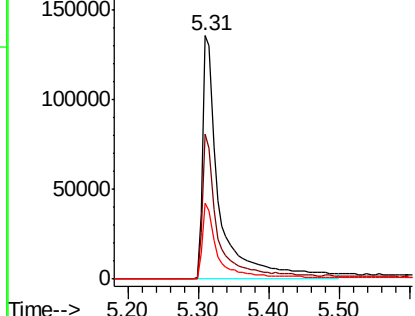
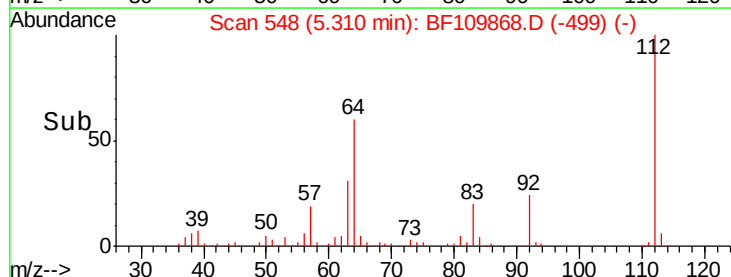
#5

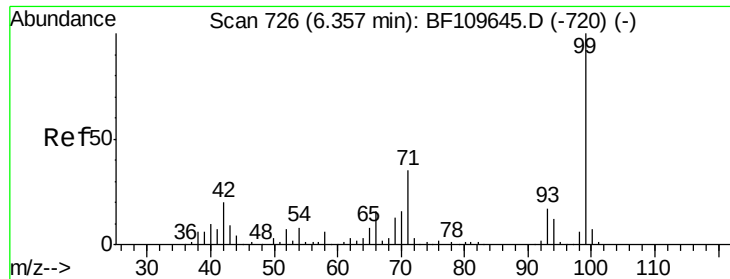
2-Fluorophenol
Concen: 42.252 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109868.D
Acq: 13 Oct 2018 7:20

Tgt Ion:112 Resp: 232494
Ion Ratio Lower Upper
112 100
64 59.5 44.1 66.1
63 31.0 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: 28.504 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109868.D

Acq: 13 Oct 2018 7:20

Instrument :

BNA_F

ClientSampled :

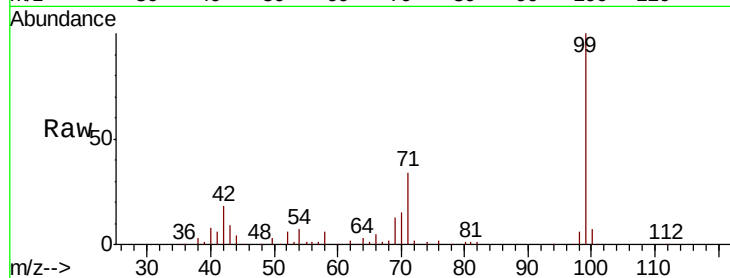
Tot Ion: 99 Resp: 209524

Ion Ratio Lower Upper

99 100

42 18.2 15.8 23.6

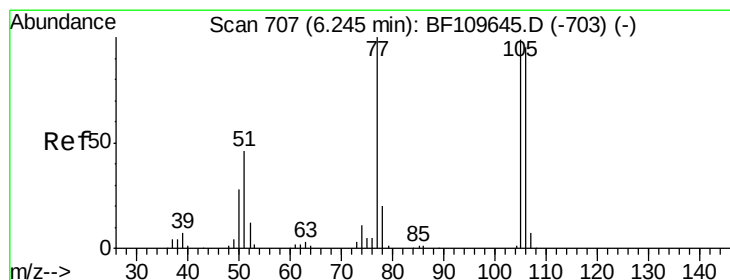
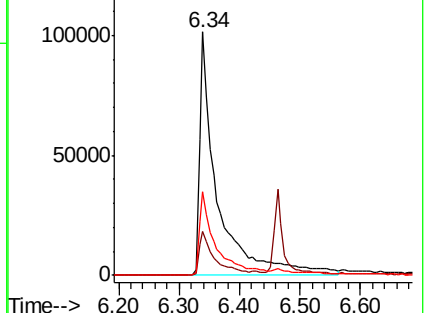
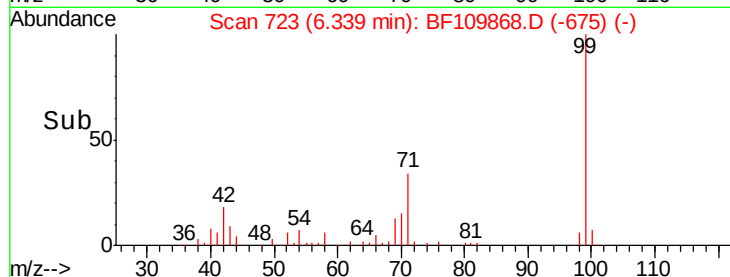
71 34.4 28.0 42.0



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



#9

Benzaldehyde

Concen: 2.347 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.22 min

Lab File: BF109868.D

Acq: 13 Oct 2018 7:20

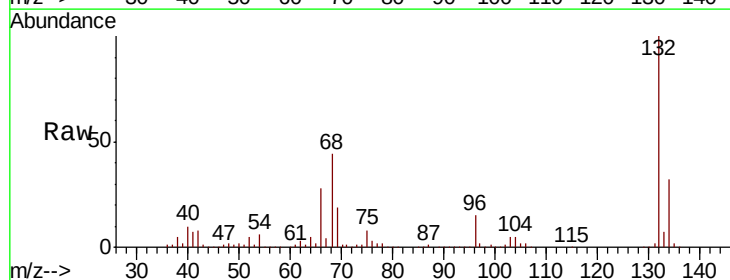
Tgt Ion: 77 Resp: 11101

Ion Ratio Lower Upper

77 100

105 85.2 78.6 118.6

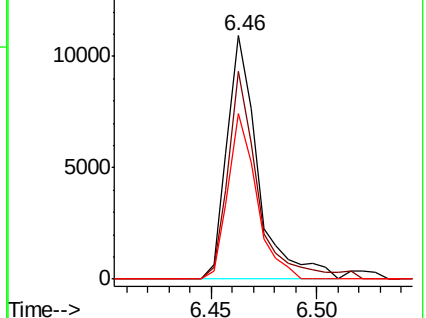
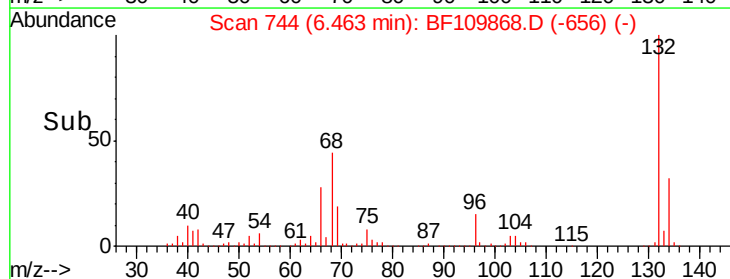
106 68.0 74.8 114.8#

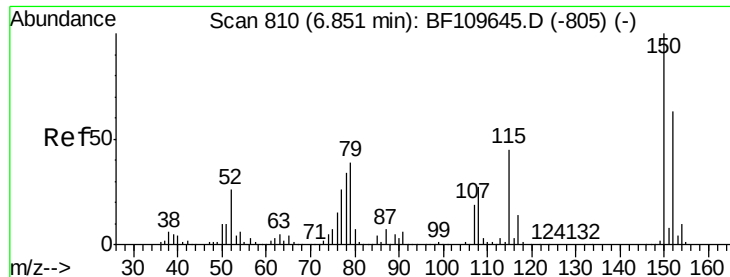


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

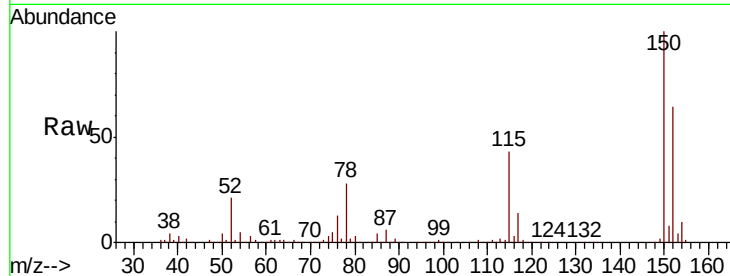




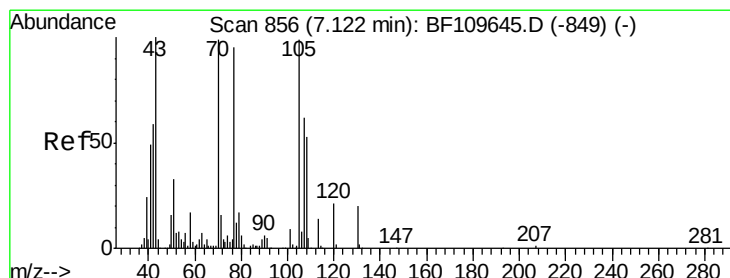
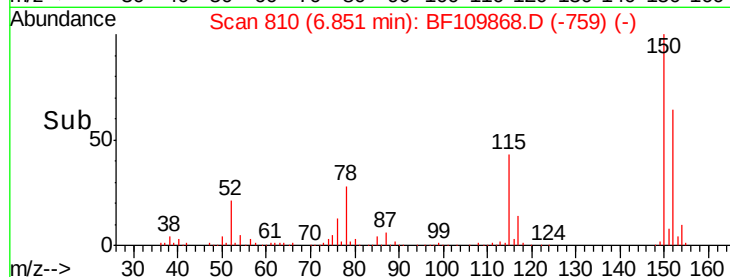
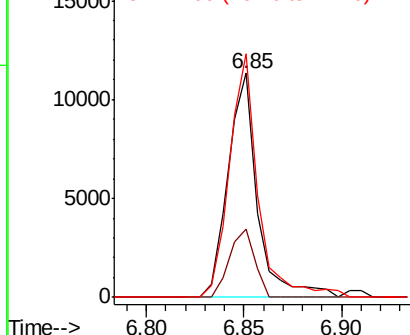
#15
Benzyl Alcohol
Concen: 2.180 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF109868.D
Acq: 13 Oct 2018 7:20

Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 11880
Ion Ratio Lower Upper
79 100
108 30.6 56.3 84.5#
77 108.7 52.9 79.3#

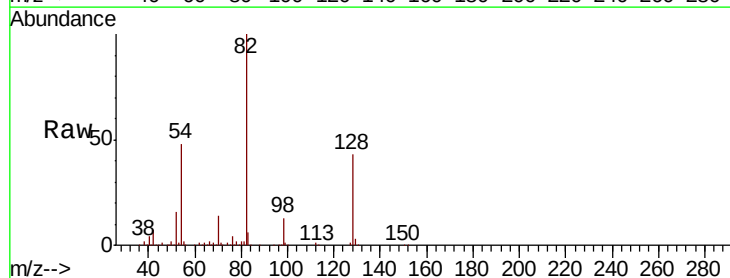


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

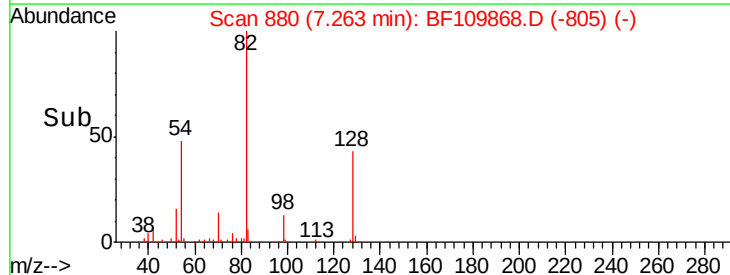
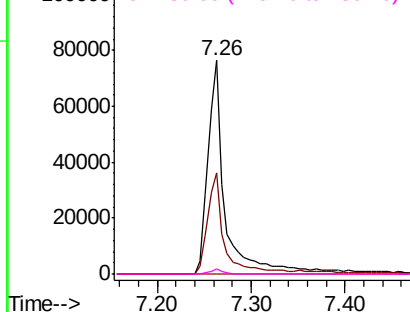


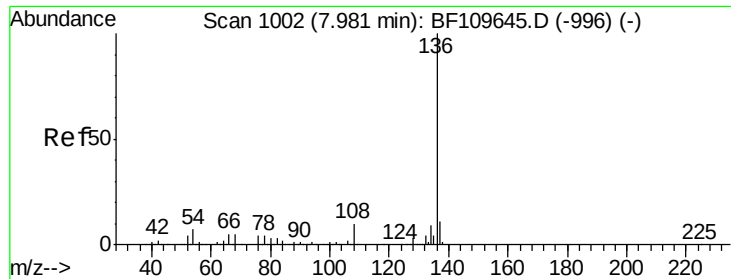
#19
n-Nitroso-di-n-propylamine
Concen: 19.218 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.14 min
Lab File: BF109868.D
Acq: 13 Oct 2018 7:20

Tgt Ion: 70 Resp: 99065
Ion Ratio Lower Upper
70 100
42 47.2 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

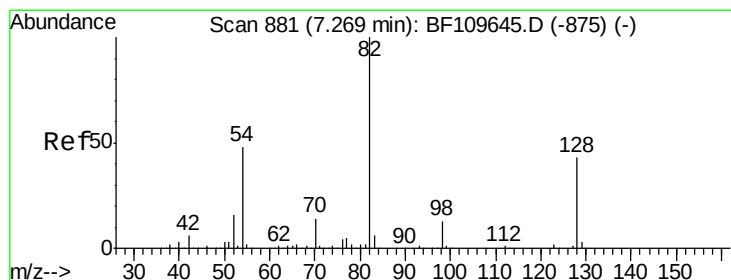
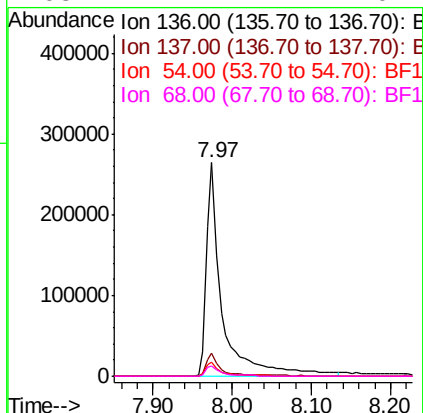
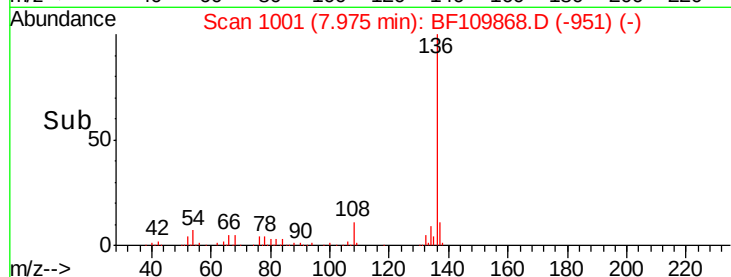
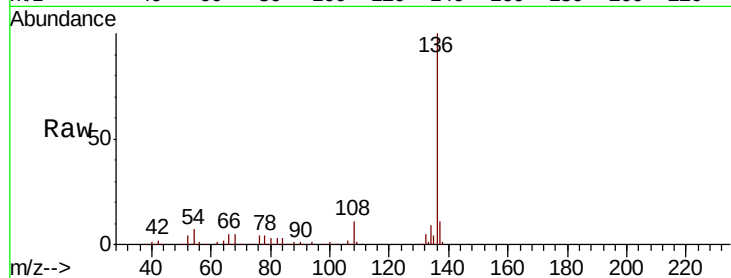




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109868.D
Acq: 13 Oct 2018 7:20

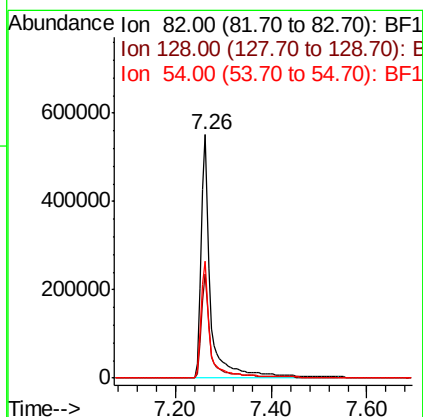
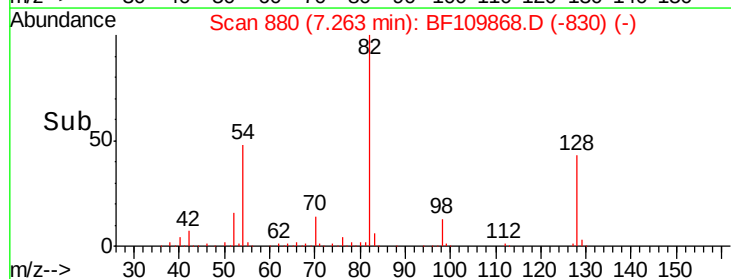
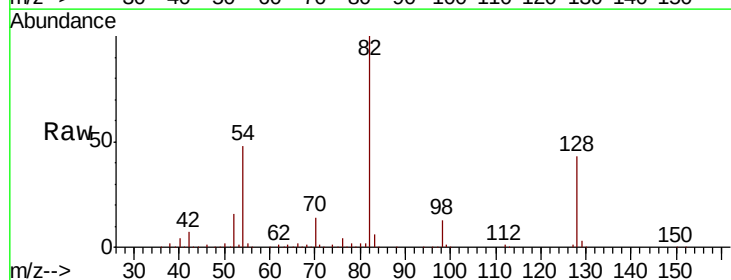
Instrument :
BNA_F
ClientSampleId :

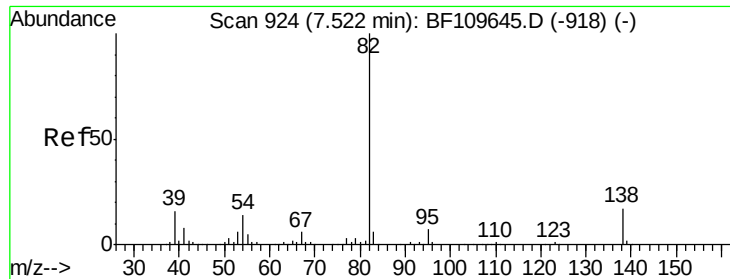
Tot Ion:136	Resp:	369514
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.8 13.2
54	6.8	5.4 8.2
68	4.7	4.2 6.2



#23
Nitrobenzene-d5
Concen: 114.245 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF109868.D
Acq: 13 Oct 2018 7:20

Tgt Ion: 82	Resp:	765832
Ion Ratio	Lower	Upper
82	100	
128	42.7	34.2 51.2
54	48.2	38.6 58.0

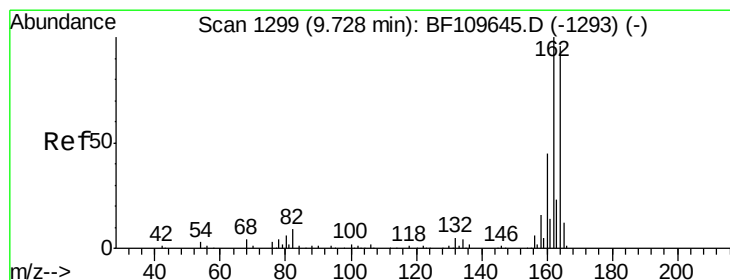
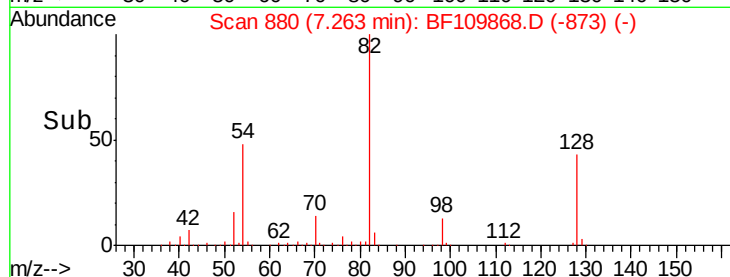
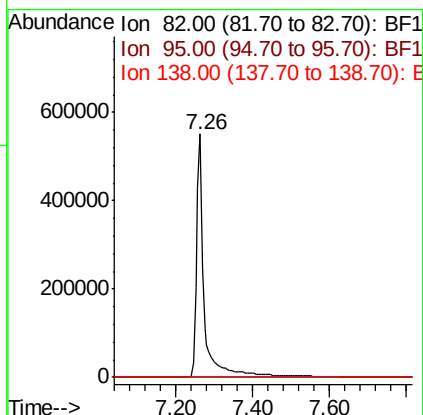
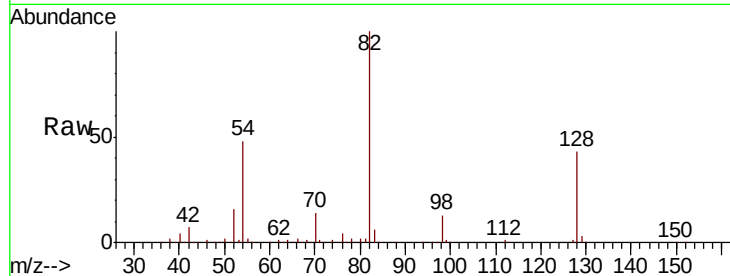




#25
Isophorone
Concen: 69.695 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.26 min
Lab File: BF109868.D
Acq: 13 Oct 2018 7:20

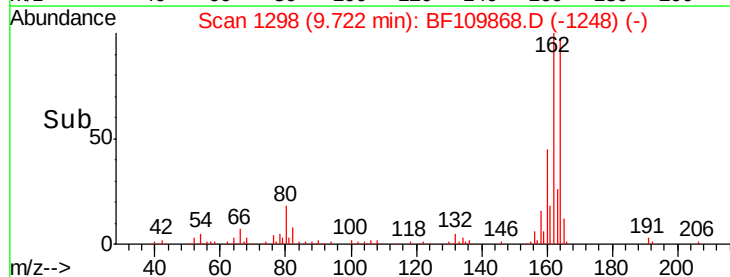
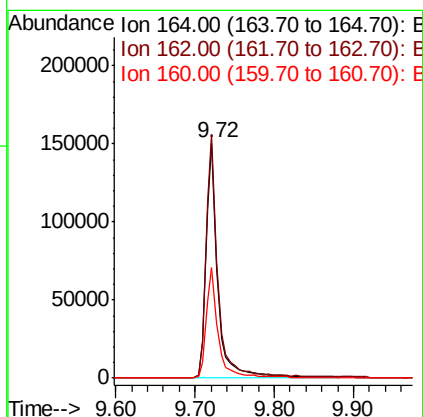
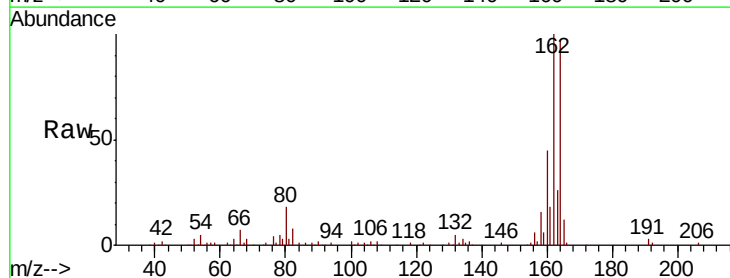
Instrument :
BNA_F
ClientSampleId :

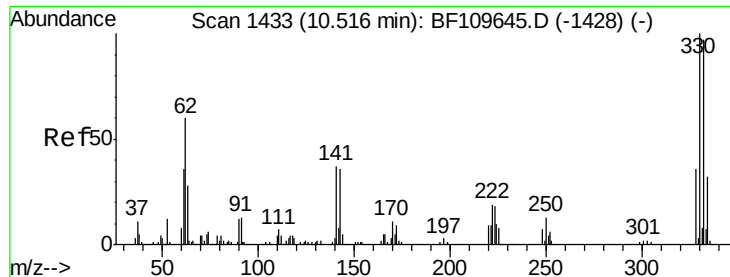
Tot Ion: 82 Resp: 775805
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109868.D
Acq: 13 Oct 2018 7:20

Tgt Ion:164 Resp: 158942
Ion Ratio Lower Upper
164 100
162 103.5 83.0 124.6
160 46.9 37.0 55.6

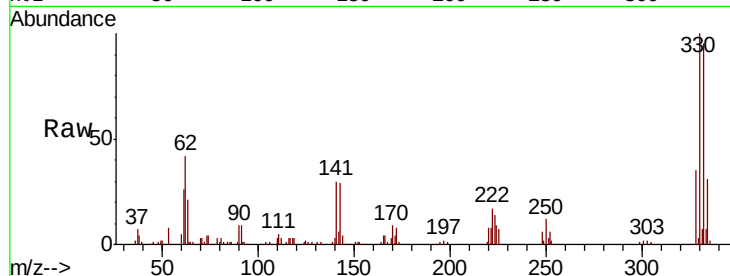




#41
 2,4,6-Tribromophenol
 Concen: 83.357 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109868.D
 Acq: 13 Oct 2018 7:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.7	77.1	115.7
141	34.5	27.0	40.4

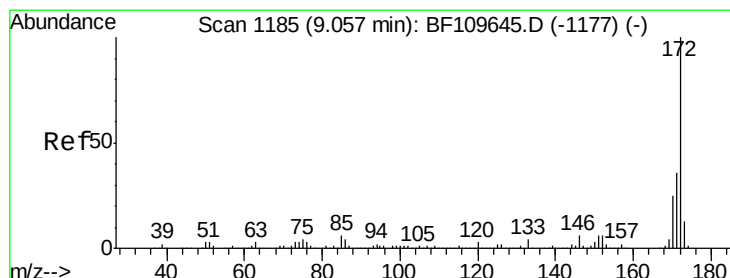
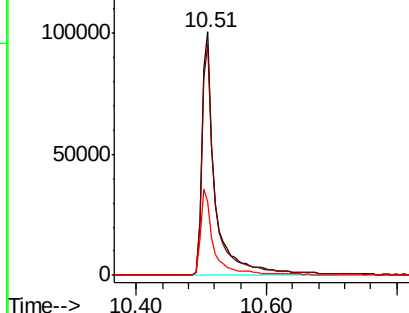
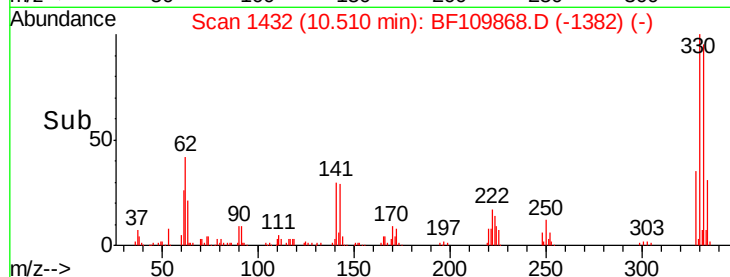


Abundance

Ion 329.80 (329.50 to 330.50): E

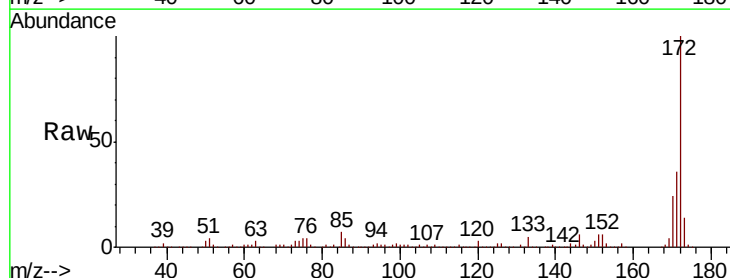
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 113.128 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109868.D
 Acq: 13 Oct 2018 7:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	43.0
170	24.2	19.7	29.5

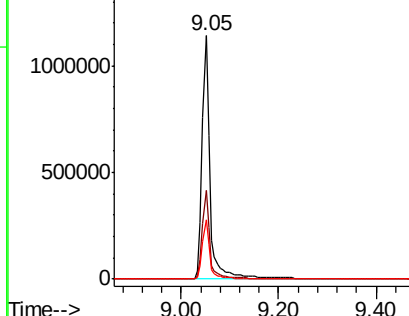
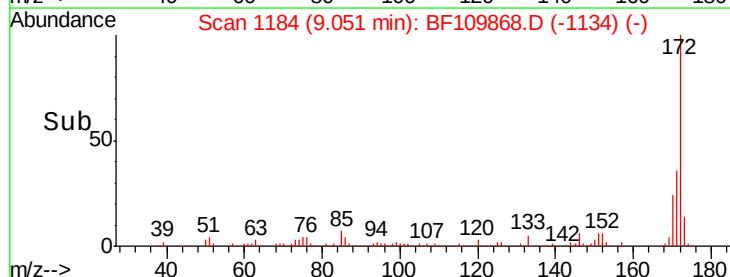


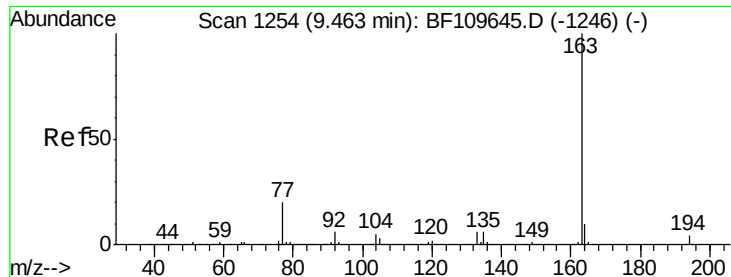
Abundance

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

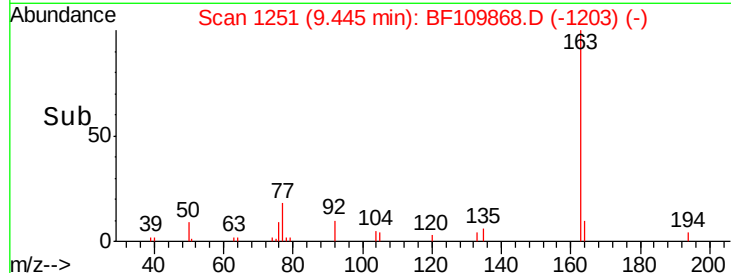
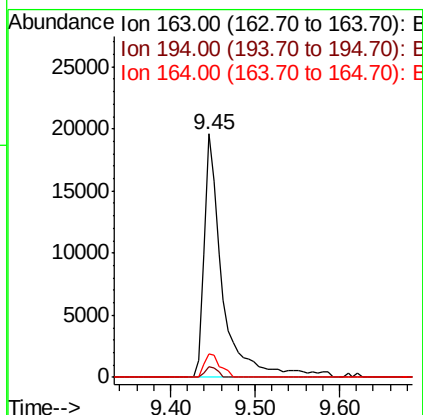
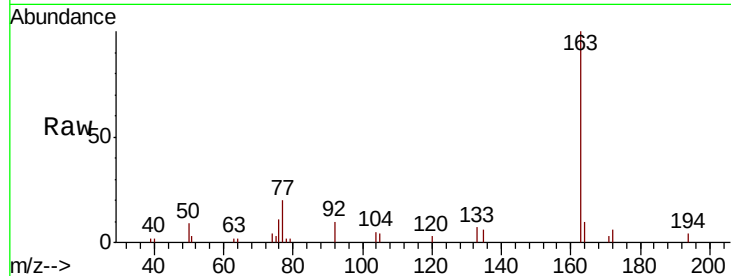




#49
Dimethylphthalate
Concen: 2.527 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109868.D
Acq: 13 Oct 2018 7:20

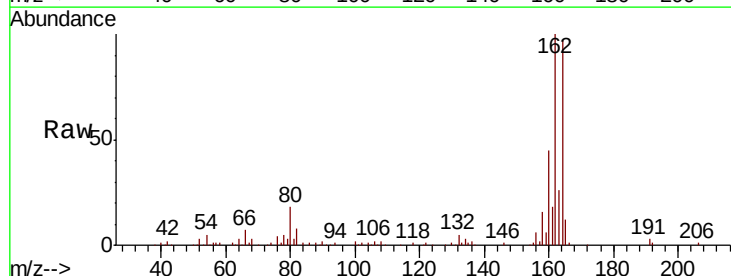
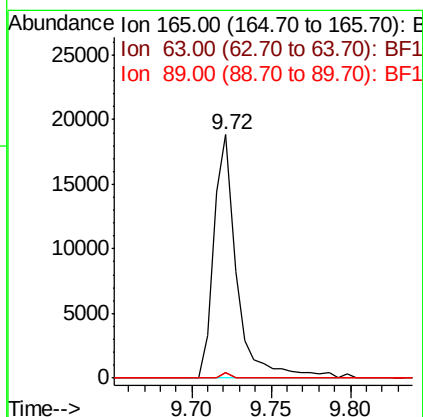
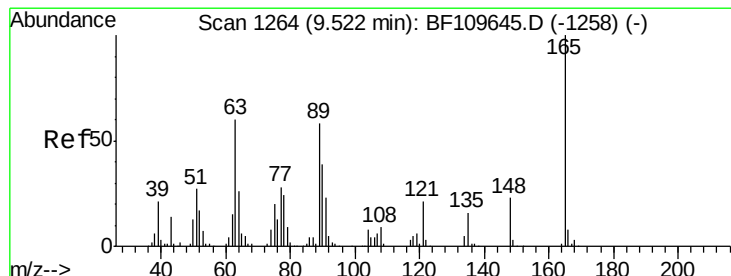
Instrument :
BNA_F
ClientSampled :

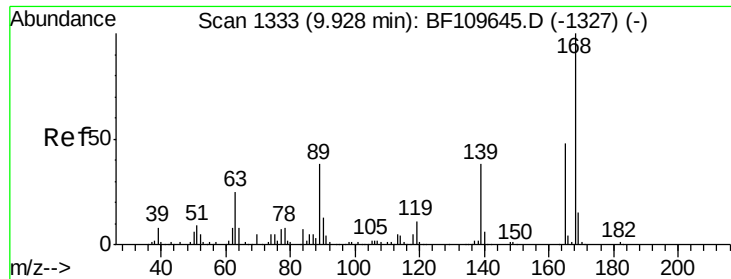
Tot Ion:163 Resp: 29461
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 9.6 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 7.529 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.20 min
Lab File: BF109868.D
Acq: 13 Oct 2018 7:20

Tgt Ion:165 Resp: 19024
Ion Ratio Lower Upper
165 100
63 2.2 48.9 73.3#
89 2.1 46.6 69.8#

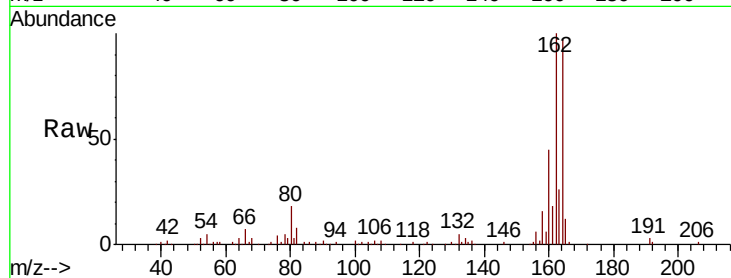




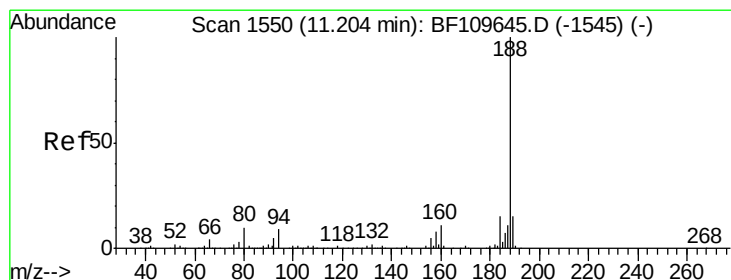
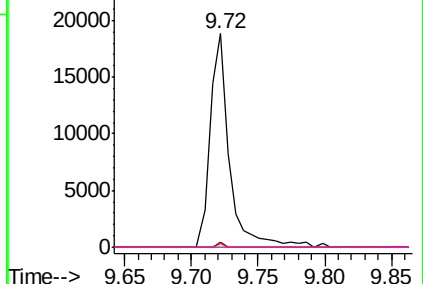
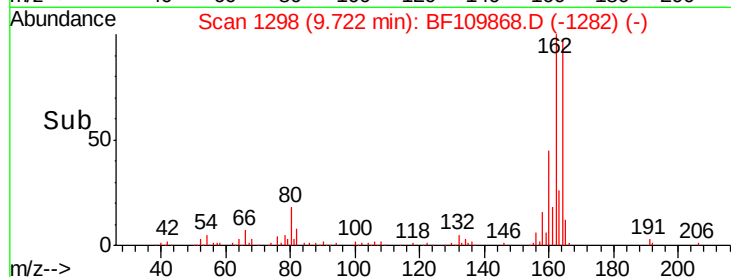
#56
2,4-Dinitrotoluene
Concen: 6.071 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.21 min
Lab File: BF109868.D
Acq: 13 Oct 2018 7:20

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.2	44.8	67.2#
89	2.1	62.2	93.4#
182	0.0	2.1	3.1#

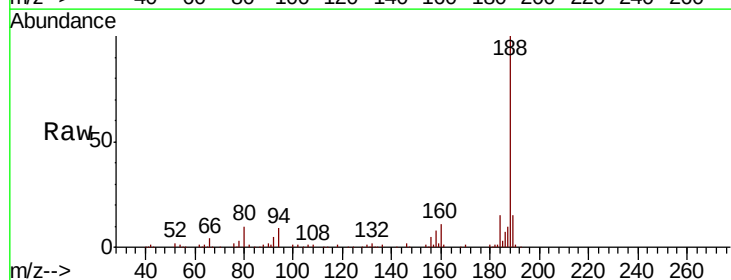


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

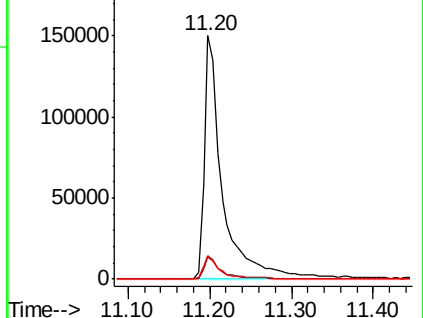
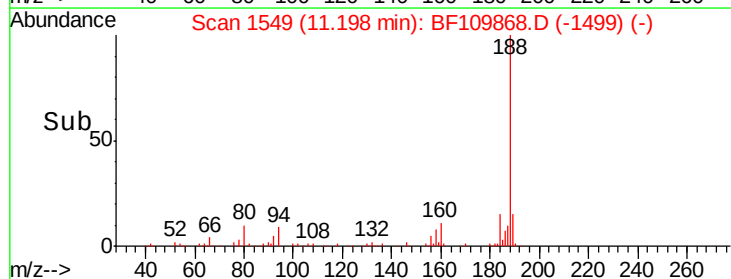


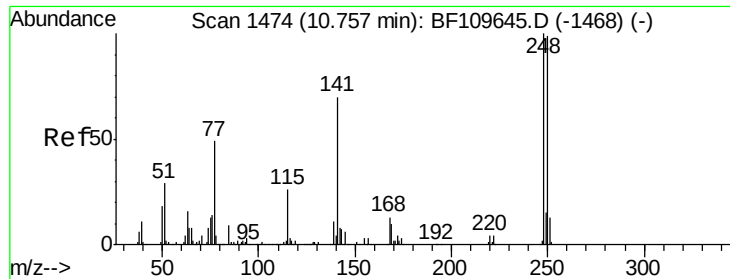
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109868.D
Acq: 13 Oct 2018 7:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	9.8	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

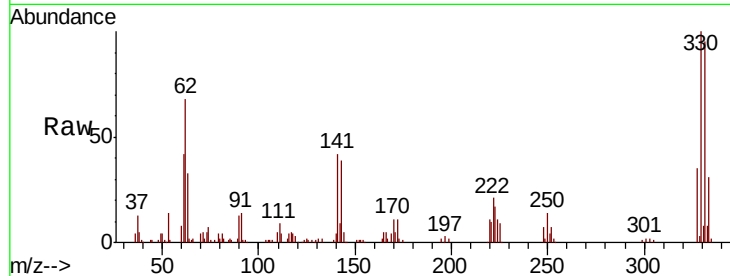




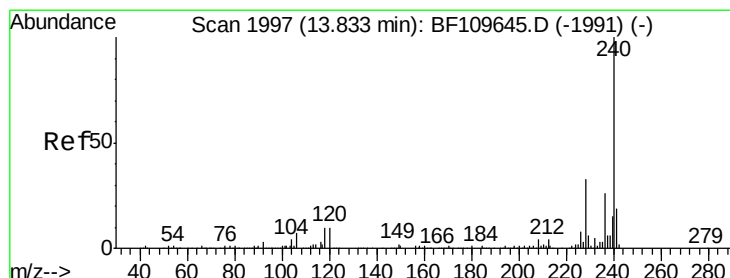
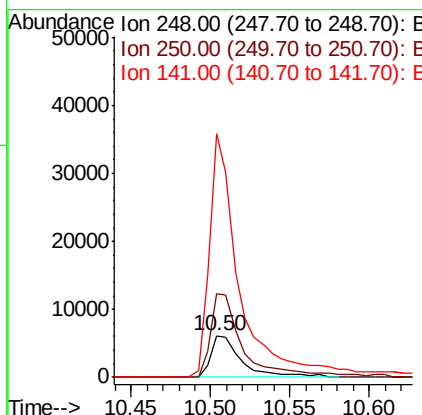
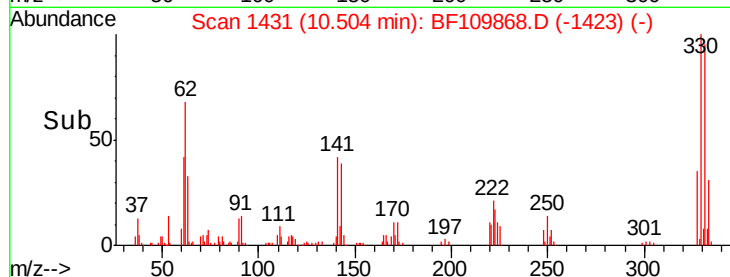
#66
4-Bromophenyl-phenylether
Concen: 3.110 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.25 min
Lab File: BF109868.D
Acq: 13 Oct 2018 7:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 8355
Ion Ratio Lower Upper
248 100
250 201.4 79.4 119.2#
141 585.6 55.9 83.9#

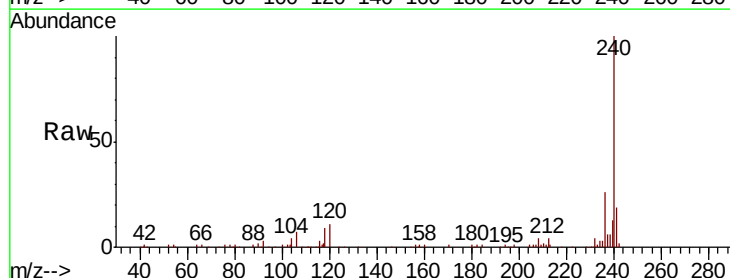


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

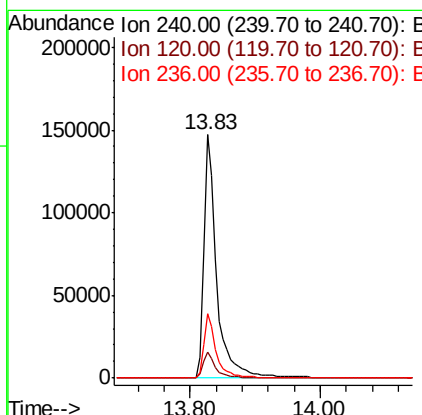
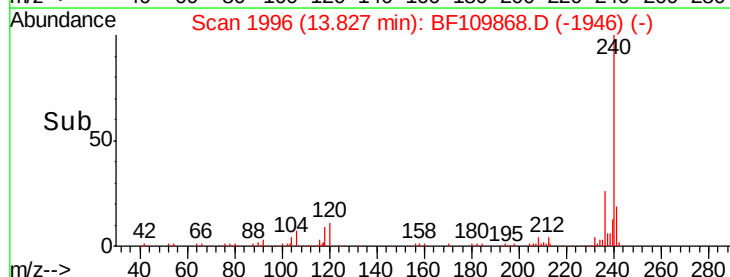


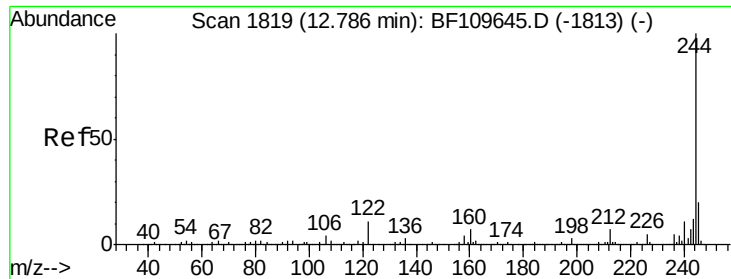
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109868.D
Acq: 13 Oct 2018 7:20

Tgt Ion:240 Resp: 200936
Ion Ratio Lower Upper
240 100
120 10.5 8.3 12.5
236 26.3 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





#78

Terphenyl-d14

Concen: 81.573 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109868.D

Acq: 13 Oct 2018 7:20

Instrument :

BNA_F

ClientSampleId :

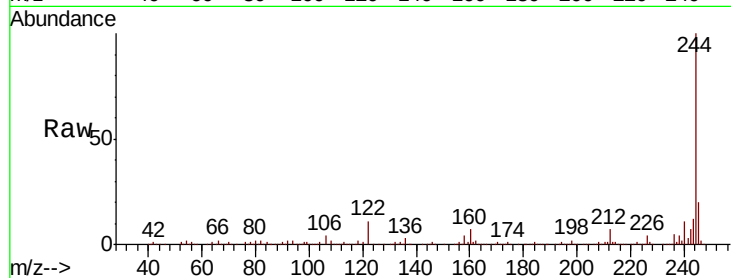
Tot Ion:244 Resp: 846714

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

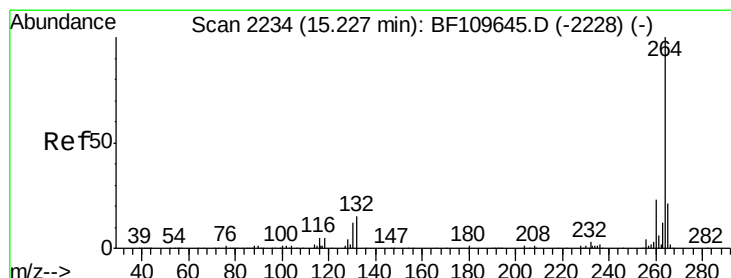
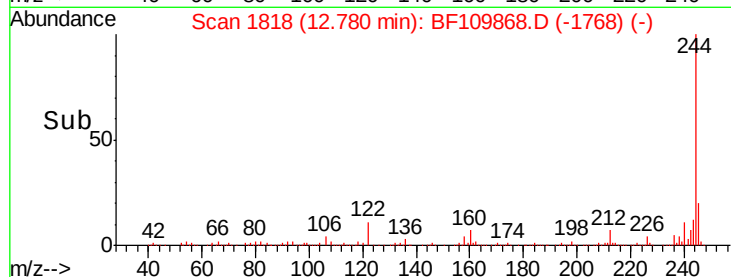
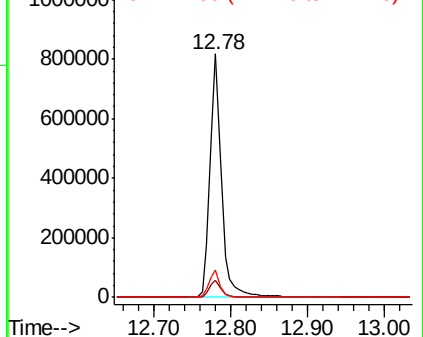
122 11.1 8.7 13.1



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2234

Delta R.T. -0.00 min

Lab File: BF109868.D

Acq: 13 Oct 2018 7:20

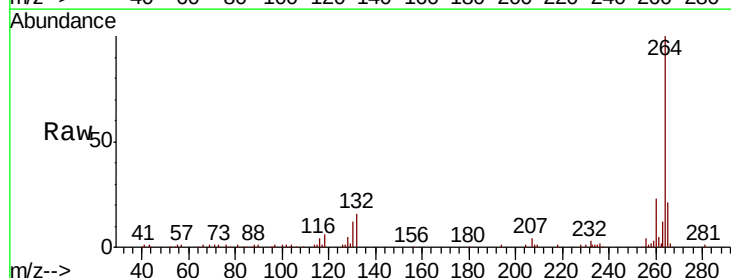
Tgt Ion:264 Resp: 153355

Ion Ratio Lower Upper

264 100

260 22.7 18.7 28.1

265 20.7 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

