

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100918\
 Data File : BF109729.D
 Acq On : 10 Oct 2018 7:12
 Operator : JU/SJ
 Sample : J5309-24
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-32

Quant Time: Oct 10 08:25:29 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

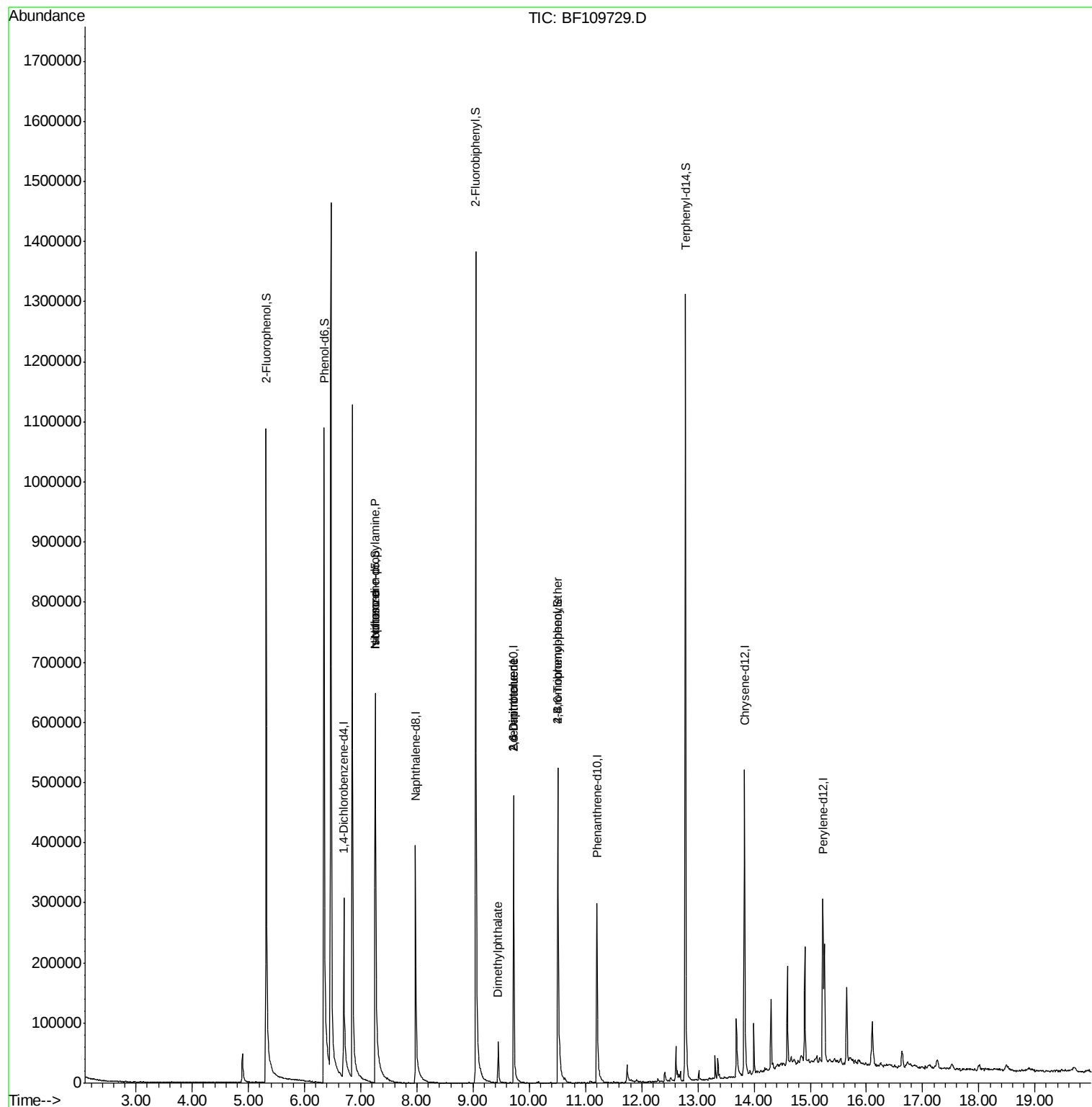
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	73489	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	288494	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	109600	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	190513	20.00	ng	0.00
75) Chrysene-d12	13.83	240	201816	20.00	ng	0.00
86) Perylene-d12	15.22	264	152989	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	429999	103.86	ng	0.00
7) Phenol-d6	6.35	99	607351	109.81	ng	-0.01
23) Nitrobenzene-d5	7.26	82	368873	70.48	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	99926	83.68	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	582843	73.24	ng	0.00
78) Terphenyl-d14	12.78	244	488914	46.90	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	46833	12.075	ng	# 78
25) Isophorone	7.26	82	368873	42.444	ng	# 67
49) Dimethylphthalate	9.45	163	38789	4.826	ng	# 99
50) 2,6-Dinitrotoluene	9.72	165	12967	7.442	ng	# 21
56) 2,4-Dinitrotoluene	9.72	165	12967	5.963	ng	# 17
66) 4-Bromophenyl-phenylether	10.51	248	5509	2.517	ng	# 1

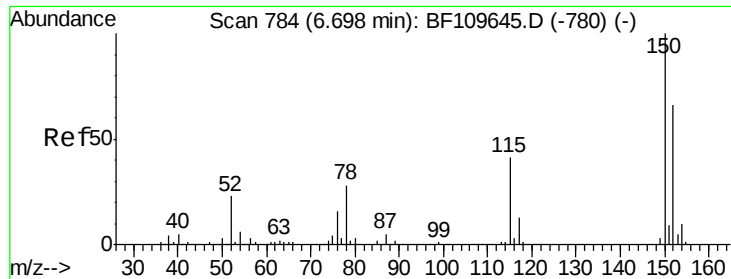
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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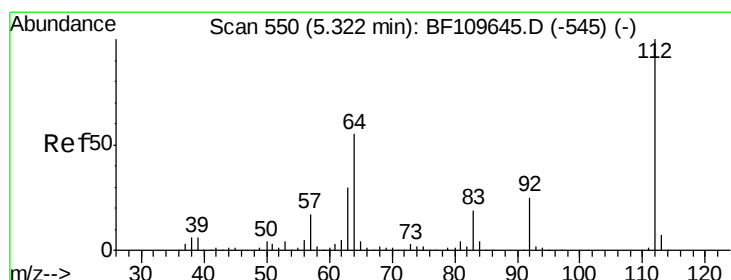
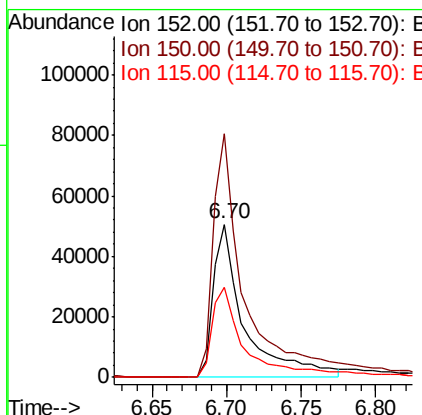
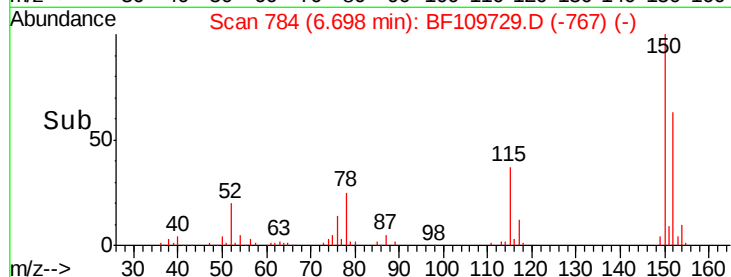
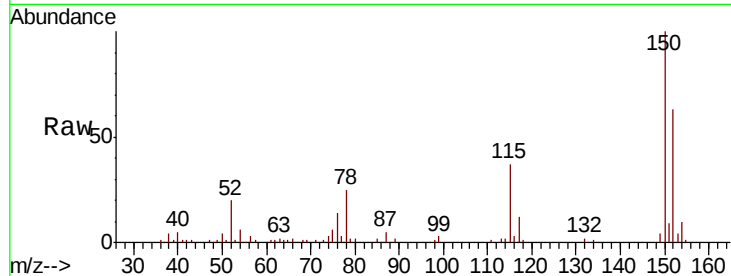




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: BF109729.D
 Acq: 10 Oct 2018 7:12

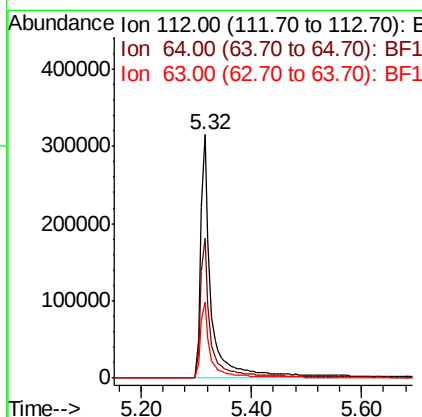
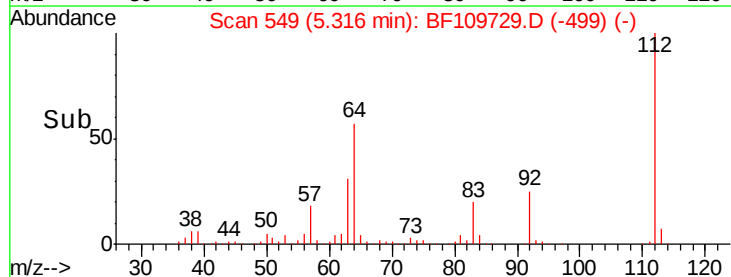
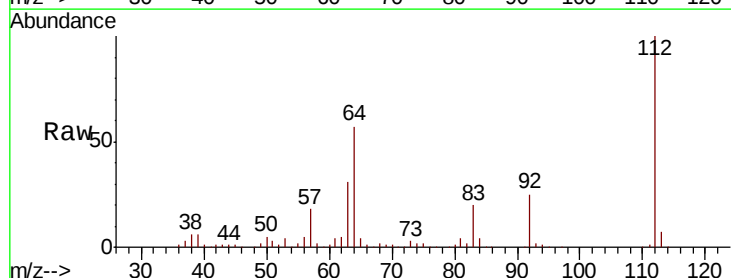
Instrument :
 BNA_G
 ClientSampled :
 S-32

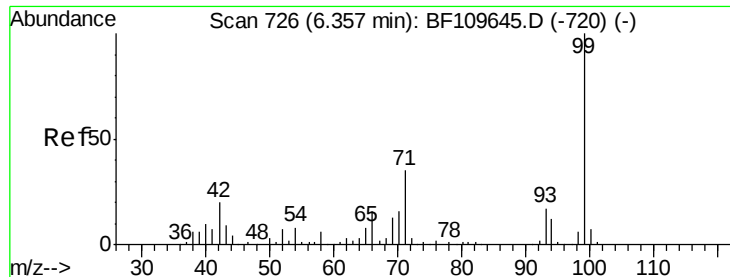
Tgt Ion:152 Resp: 73489
 Ion Ratio Lower Upper
 152 100
 150 159.2 122.7 184.1
 115 59.3 49.1 73.7



#5
 2-Fluorophenol
 Concen: 103.861 ng
 RT: 5.32 min Scan# 549
 Delta R.T. -0.01 min
 Lab File: BF109729.D
 Acq: 10 Oct 2018 7:12

Tgt Ion:112 Resp: 429999
 Ion Ratio Lower Upper
 112 100
 64 57.4 44.1 66.1
 63 31.2 23.7 35.5





#7

Phenol-d6

Concen: 109.813 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109729.D

Acq: 10 Oct 2018 7:12

Instrument :

BNA_G

ClientSampled :

S-32

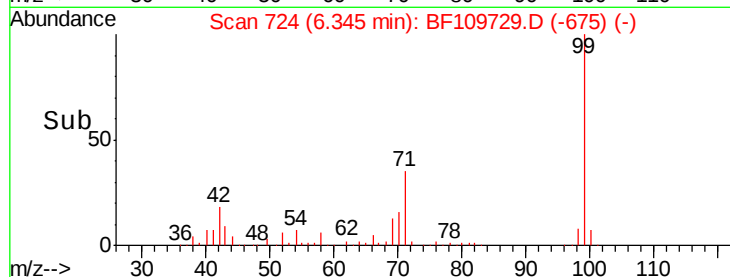
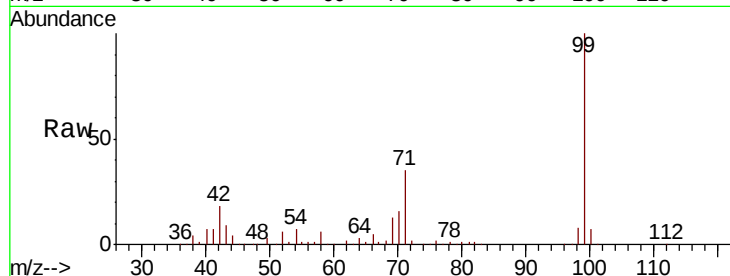
Tgt Ion: 99 Resp: 607351

Ion Ratio Lower Upper

99 100

42 18.3 15.8 23.6

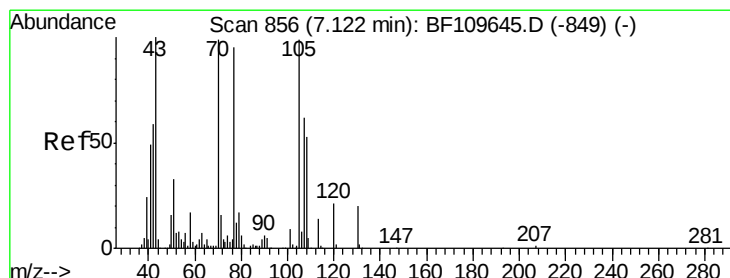
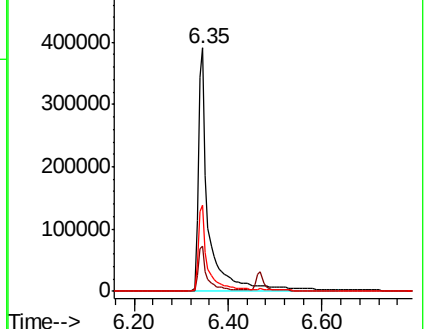
71 35.3 28.0 42.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.075 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF109729.D

Acq: 10 Oct 2018 7:12

Tgt Ion: 70 Resp: 46833

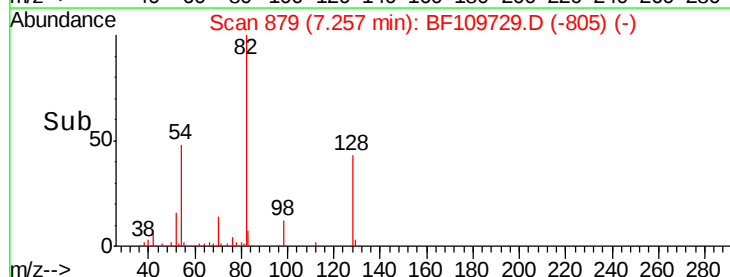
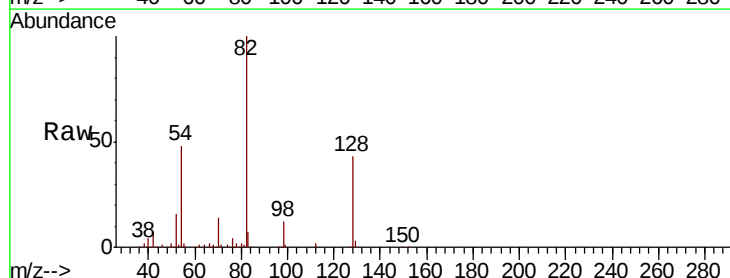
Ion Ratio Lower Upper

70 100

42 47.7 47.4 71.2

101 0.0 7.3 10.9#

130 2.0 16.2 24.2#

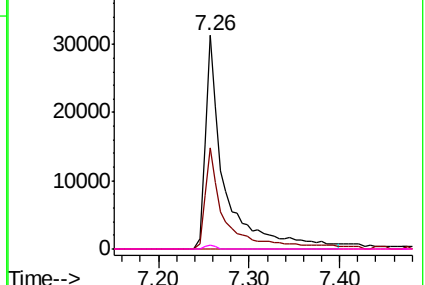


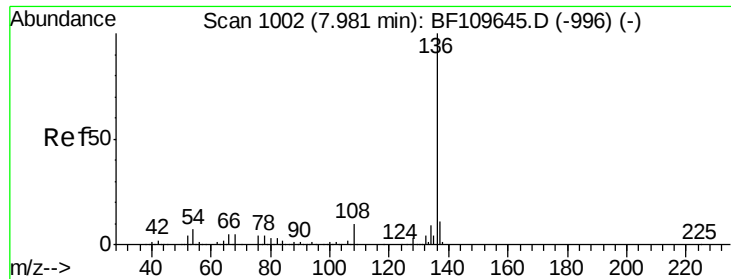
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

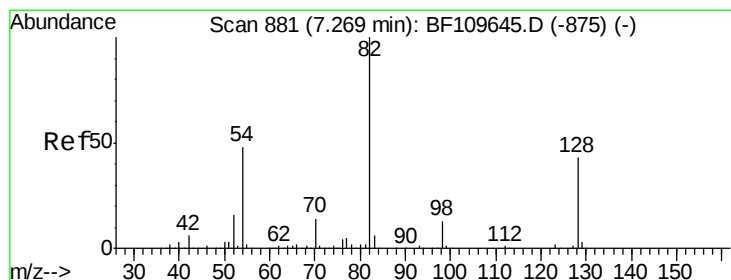
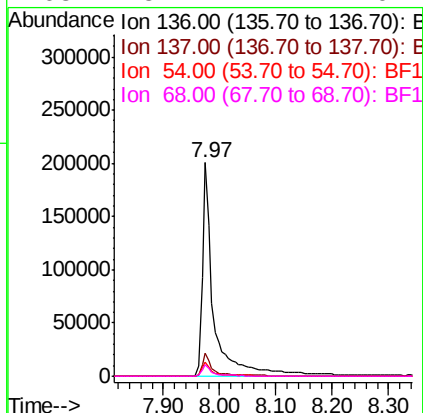
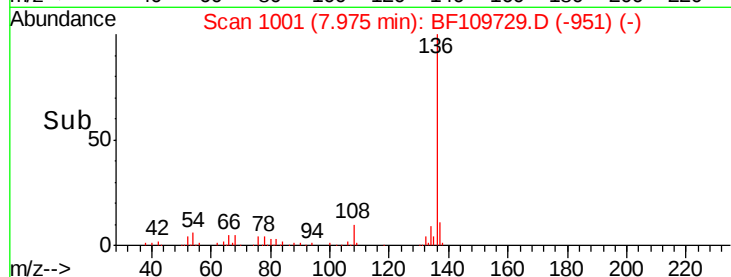
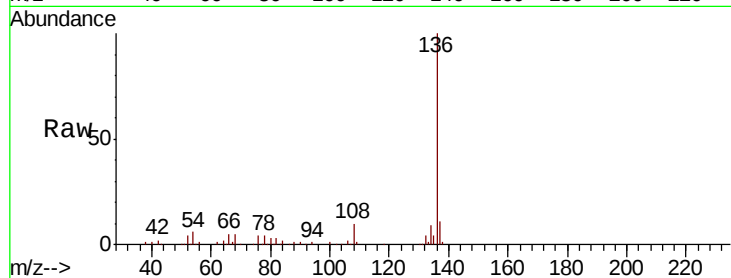




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109729.D
Acq: 10 Oct 2018 7:12

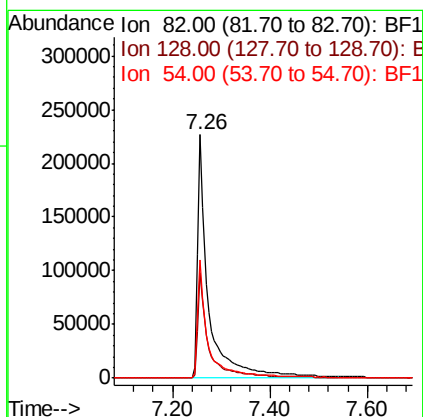
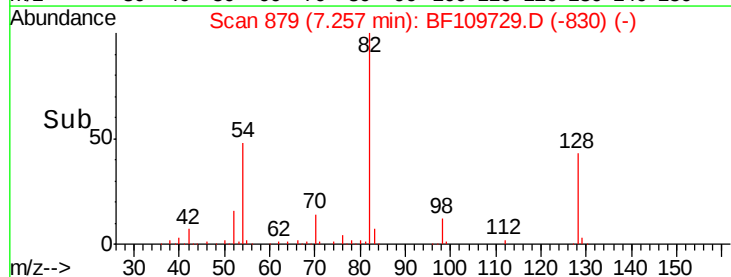
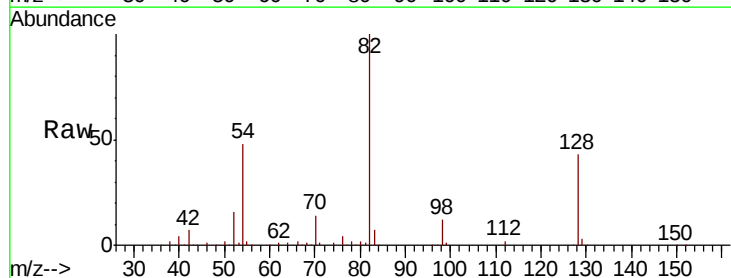
Instrument :
BNA_G
ClientSampleId :
S-32

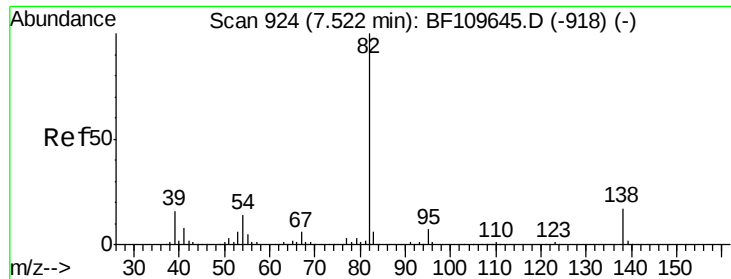
Tgt Ion:136	Resp: 288494
Ion Ratio	Lower Upper
136 100	
137 10.5	8.8 13.2
54 6.5	5.4 8.2
68 5.4	4.2 6.2



#23
Nitrobenzene-d5
Concen: 70.482 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF109729.D
Acq: 10 Oct 2018 7:12

Tgt Ion: 82	Resp: 368873
Ion Ratio	Lower Upper
82 100	
128 43.2	34.2 51.2
54 48.4	38.6 58.0

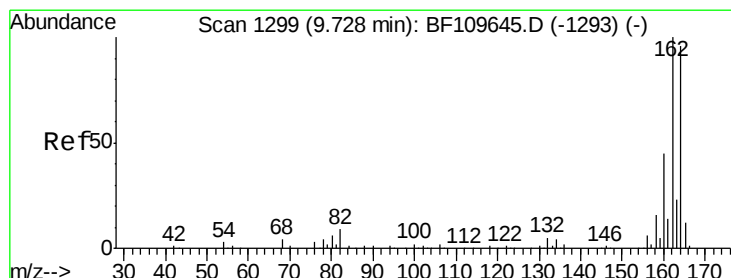
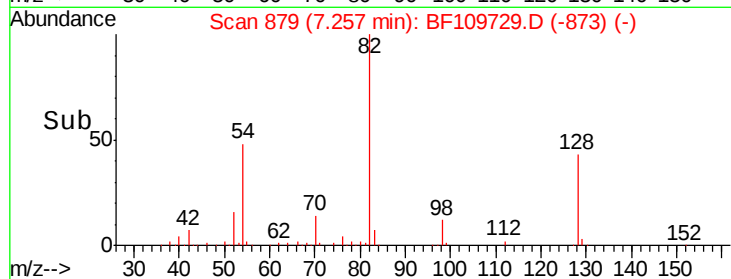
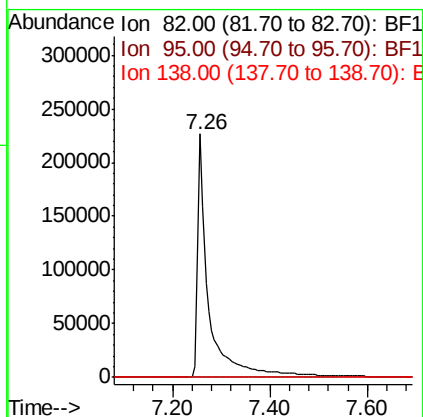
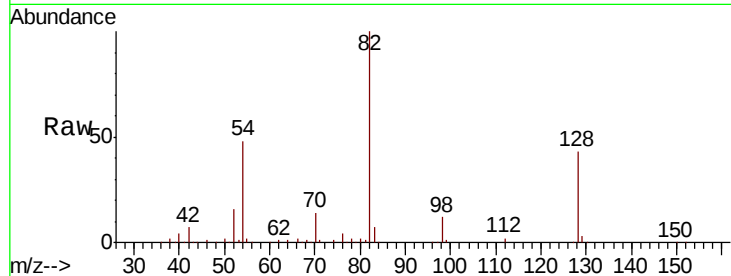




#25
Isophorone
Concen: 42.444 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF109729.D
Acq: 10 Oct 2018 7:12

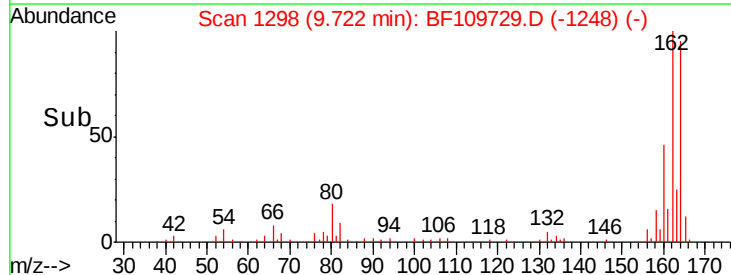
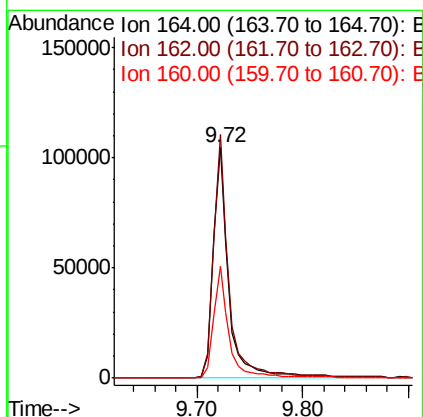
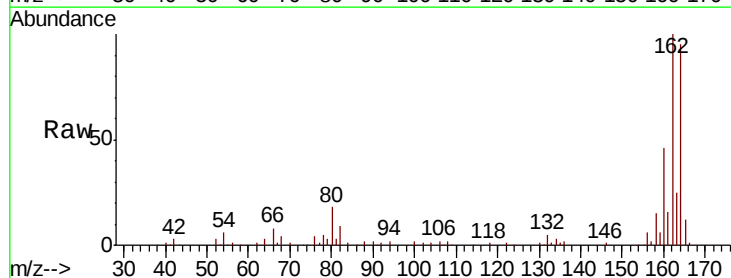
Instrument :
BNA_G
ClientSampleId :
S-32

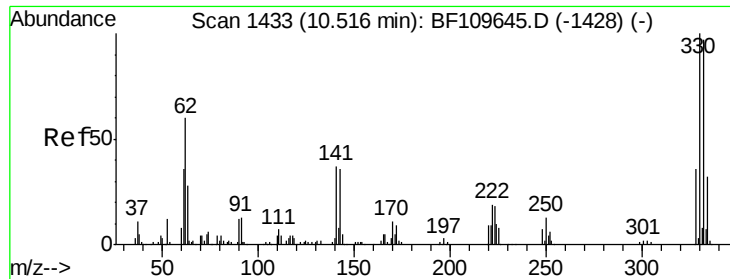
Tgt Ion: 82 Resp: 368873
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109729.D
Acq: 10 Oct 2018 7:12

Tgt Ion: 164 Resp: 109600
Ion Ratio Lower Upper
164 100
162 105.6 83.0 124.6
160 48.6 37.0 55.6

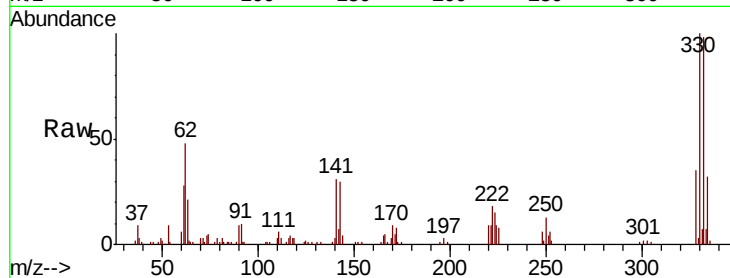




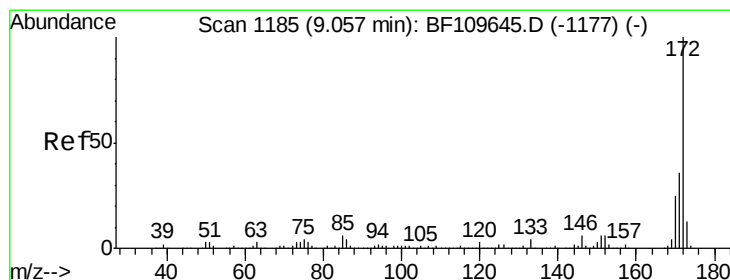
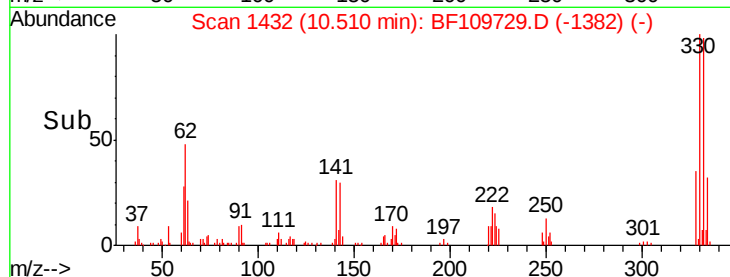
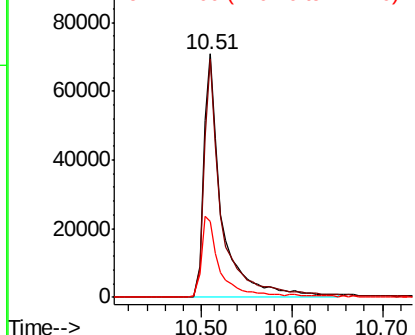
#41
 2,4,6-Tribromophenol
 Concen: 83.675 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109729.D
 Acq: 10 Oct 2018 7:12

Instrument :
 BNA_G
 ClientSampleId :
 S-32

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.1	115.7
141	33.8	27.0	40.4

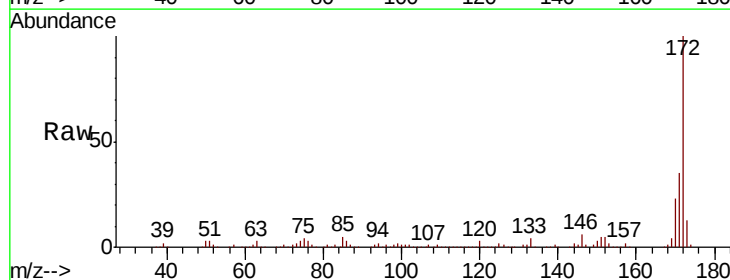


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

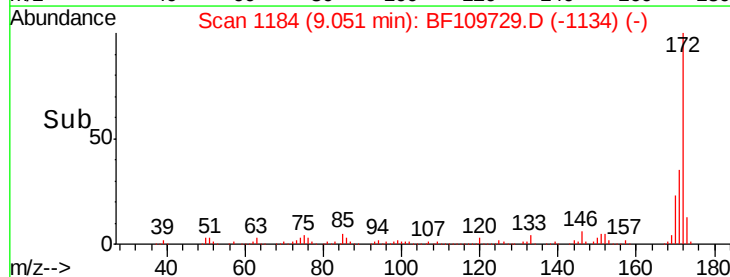
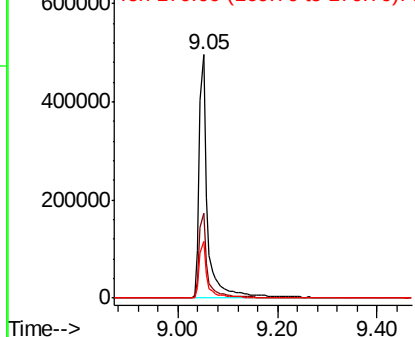


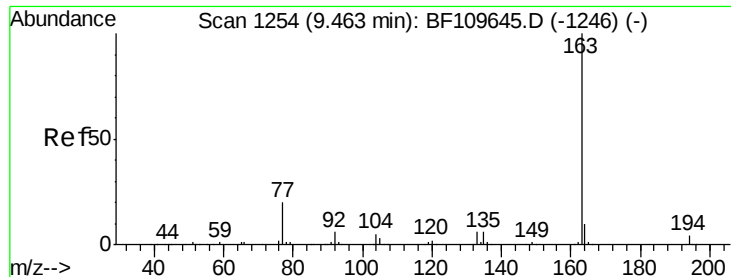
#44
 2-Fluorobiphenyl
 Concen: 73.241 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109729.D
 Acq: 10 Oct 2018 7:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.6	43.0
170	23.3	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

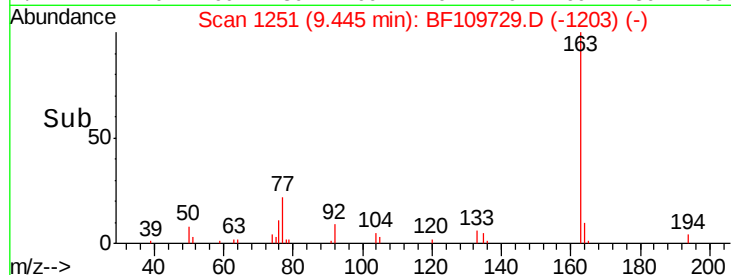
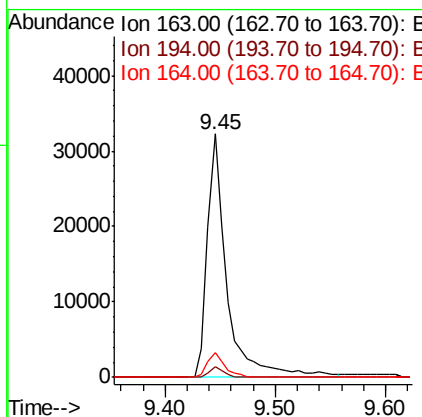
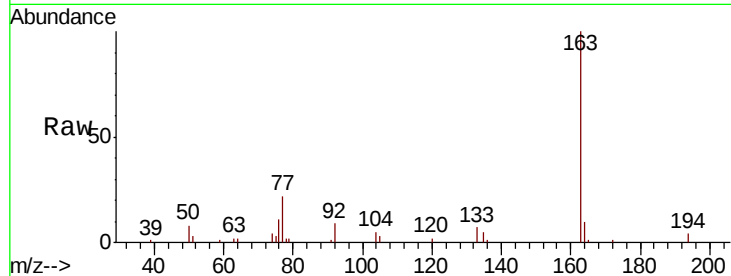




#49
Dimethylphthalate
Concen: 4.826 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109729.D
Acq: 10 Oct 2018 7:12

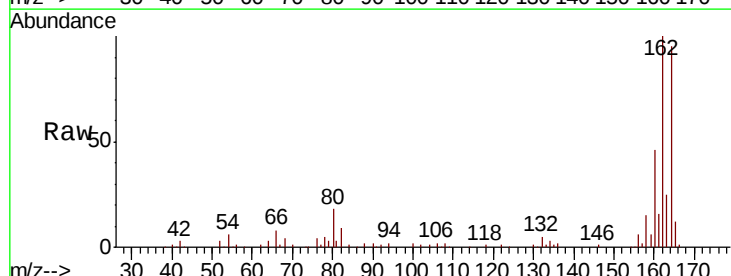
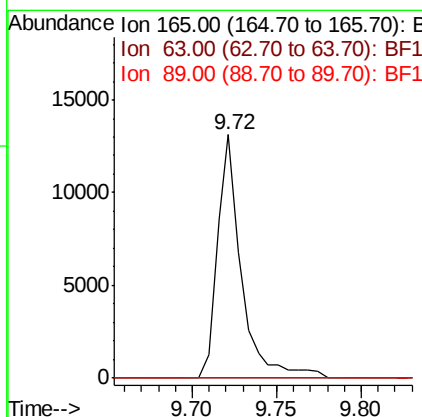
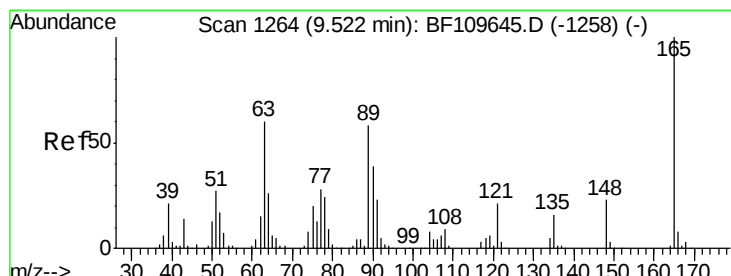
Instrument :
BNA_G
ClientSampleId :
S-32

Tgt Ion:163 Resp: 38789
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 10.4 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 7.442 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.20 min
Lab File: BF109729.D
Acq: 10 Oct 2018 7:12

Tgt Ion:165 Resp: 12967
Ion Ratio Lower Upper
165 100
63 0.0 48.9 73.3#
89 0.0 46.6 69.8#

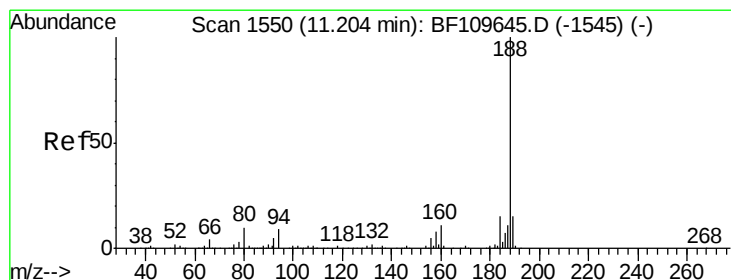
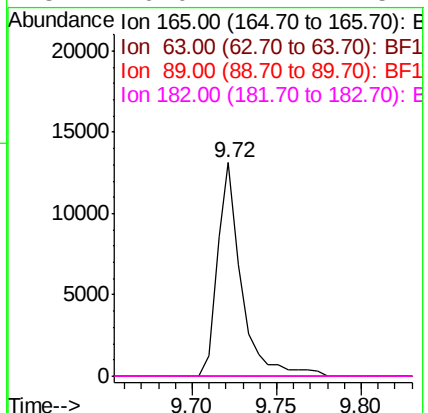
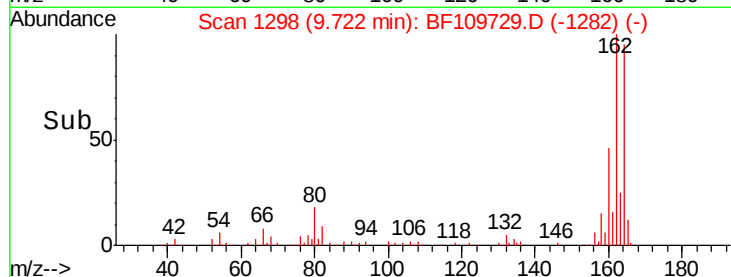
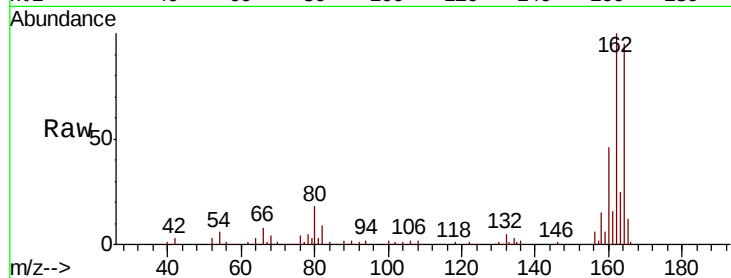




#56
2,4-Dinitrotoluene
Concen: 5.963 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.21 min
Lab File: BF109729.D
Acq: 10 Oct 2018 7:12

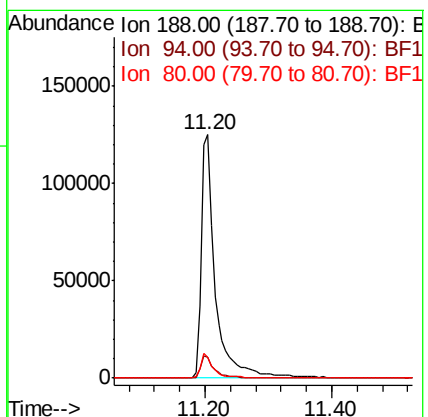
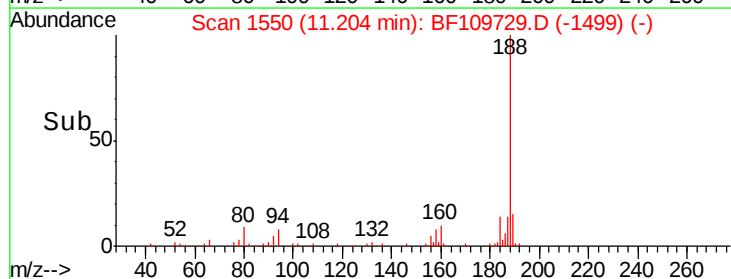
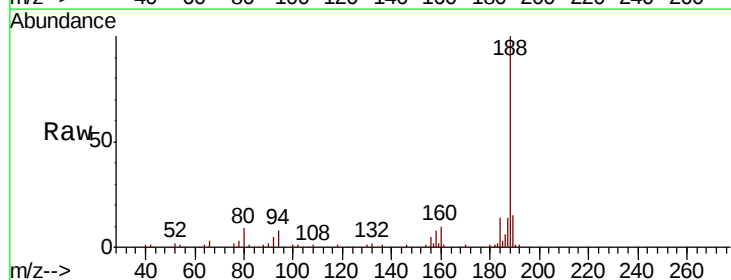
Instrument :
BNA_G
ClientSampleId :
S-32

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



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF109729.D
Acq: 10 Oct 2018 7:12

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.2	10.8
80	8.5	7.9	11.9

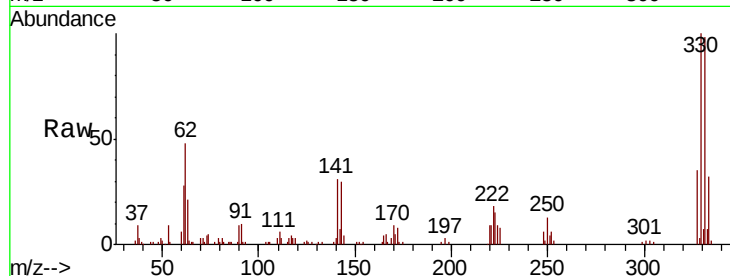




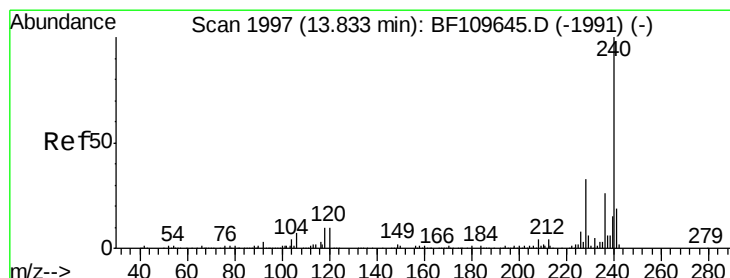
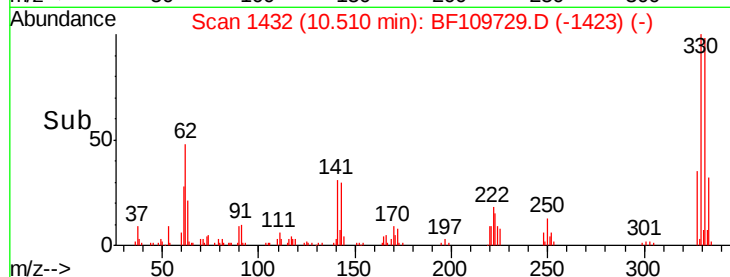
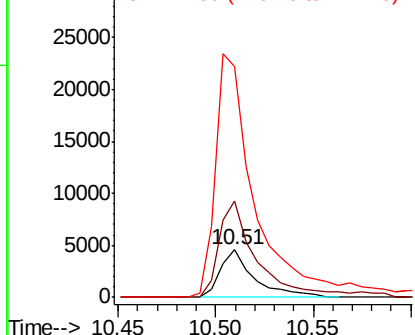
#66
4-Bromophenyl-phenylether
Concen: 2.517 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF109729.D
Acq: 10 Oct 2018 7:12

Instrument :
BNA_G
ClientSampleId :
S-32

Tgt Ion:248 Resp: 5509
Ion Ratio Lower Upper
248 100
250 201.7 79.4 119.2#
141 484.4 55.9 83.9#

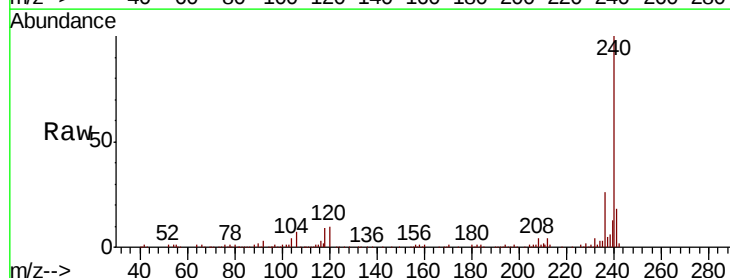


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

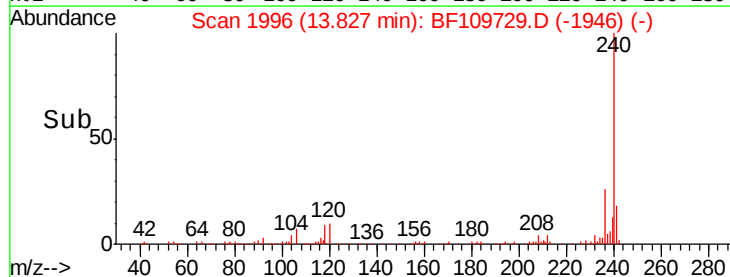
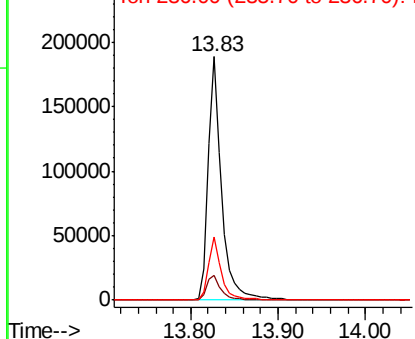


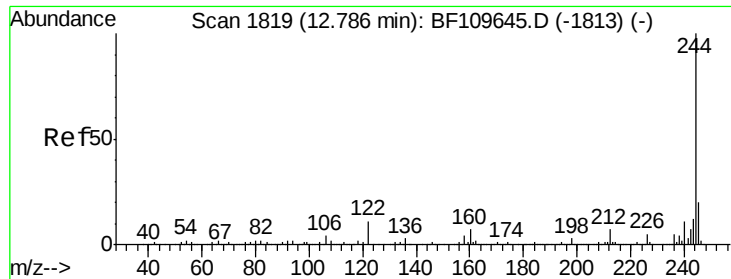
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109729.D
Acq: 10 Oct 2018 7:12

Tgt Ion:240 Resp: 201816
Ion Ratio Lower Upper
240 100
120 9.9 8.3 12.5
236 25.7 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: 46.897 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109729.D

Acq: 10 Oct 2018 7:12

Instrument :

BNA_G

ClientSampleId :

S-32

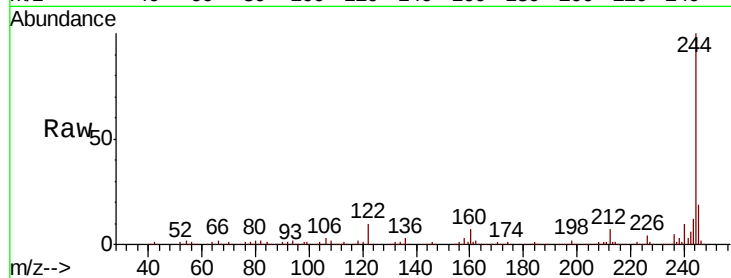
Tgt Ion:244 Resp: 488914

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

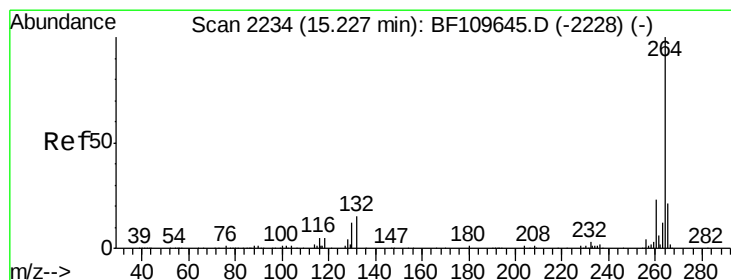
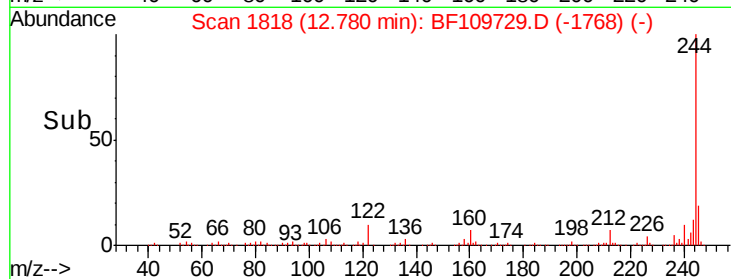
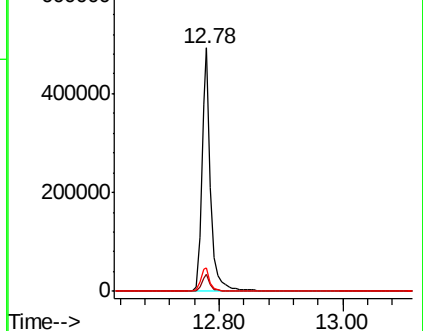
122 9.8 8.7 13.1



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: 15.22 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BF109729.D

Acq: 10 Oct 2018 7:12

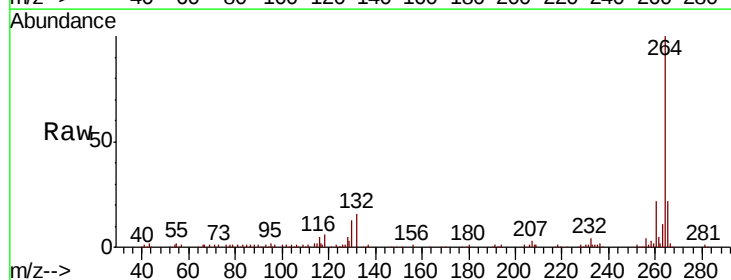
Tgt Ion:264 Resp: 152989

Ion Ratio Lower Upper

264 100

260 22.1 18.7 28.1

265 21.9 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

