

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
 Data File : BF109685.D
 Acq On : 9 Oct 2018 9:19
 Operator : JU/SJ
 Sample : J5309-17 2X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 09 10:57:00 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

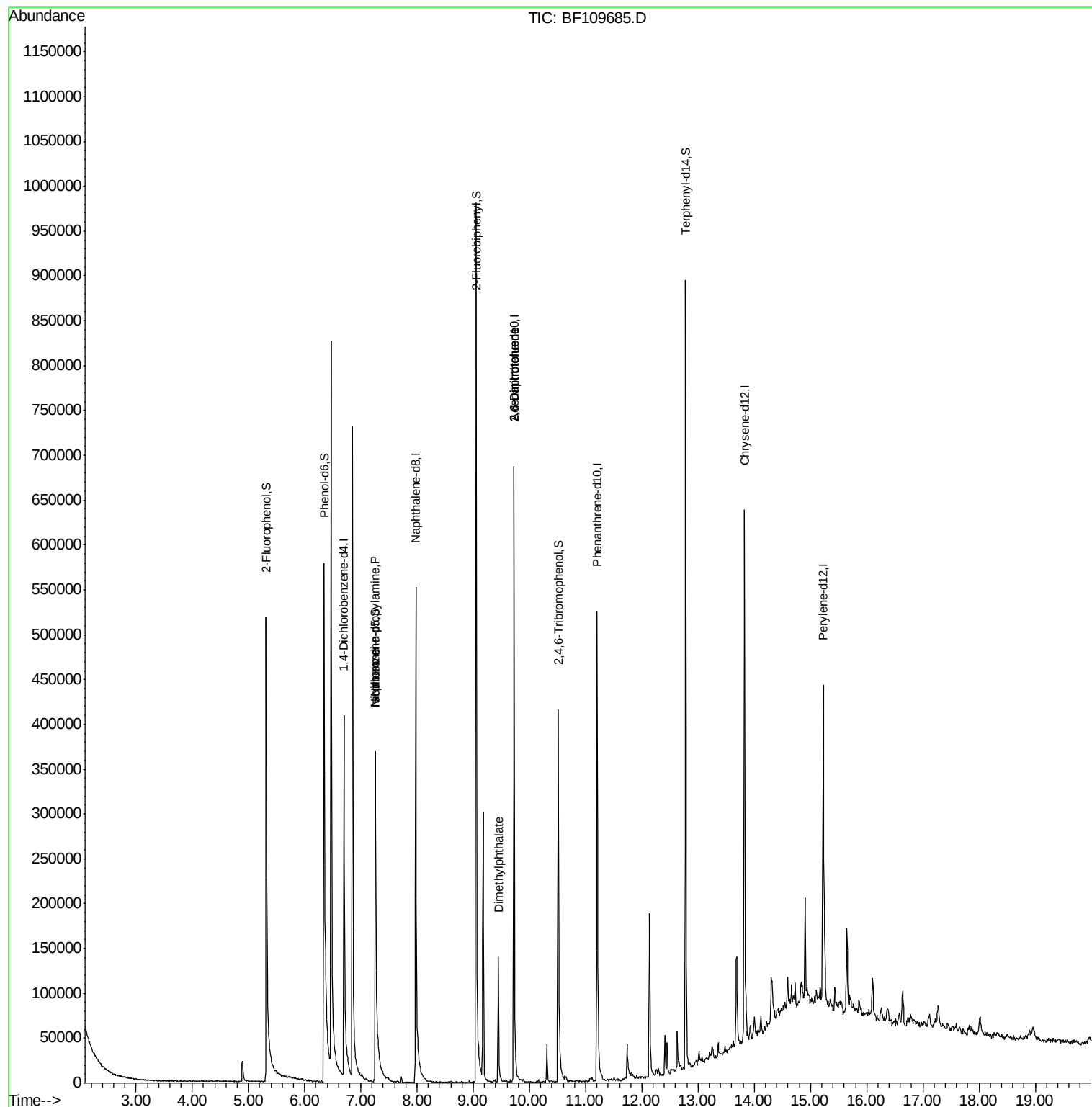
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	95967	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	378425	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	154914	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	269172	20.00	ng	0.00
75) Chrysene-d12	13.83	240	222935	20.00	ng	0.00
86) Perylene-d12	15.23	264	184207	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	257460	47.62	ng	0.00
7) Phenol-d6	6.35	99	379102	52.49	ng	-0.01
23) Nitrobenzene-d5	7.26	82	234258	34.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	73030	43.27	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	418069	37.17	ng	0.00
78) Terphenyl-d14	12.78	244	338312	29.38	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	30877	6.096	ng	# 79
25) Isophorone	7.26	82	234258	20.549	ng	# 67
49) Dimethylphthalate	9.45	163	72988	6.424	ng	# 99
50) 2,6-Dinitrotoluene	9.72	165	18959	7.698	ng	# 22
56) 2,4-Dinitrotoluene	9.72	165	18959	6.169	ng	# 18

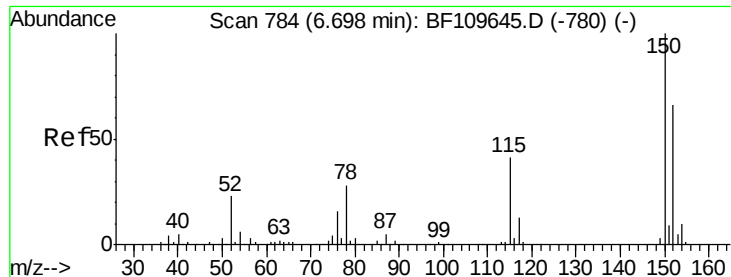
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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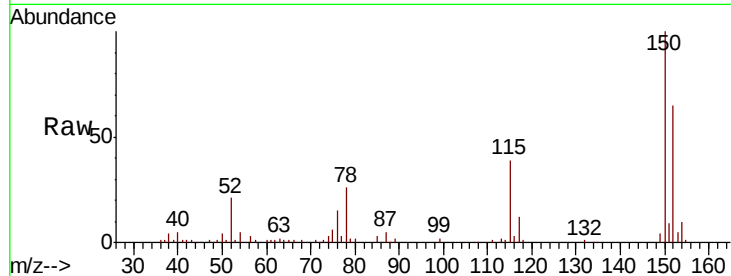


#1

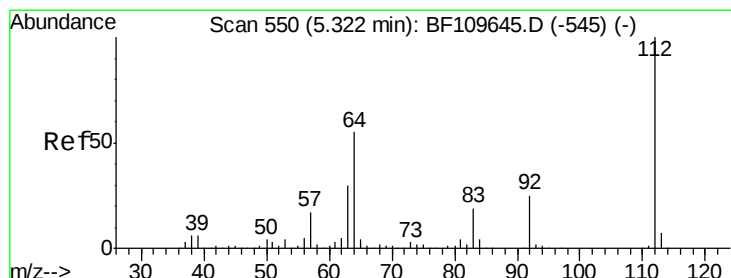
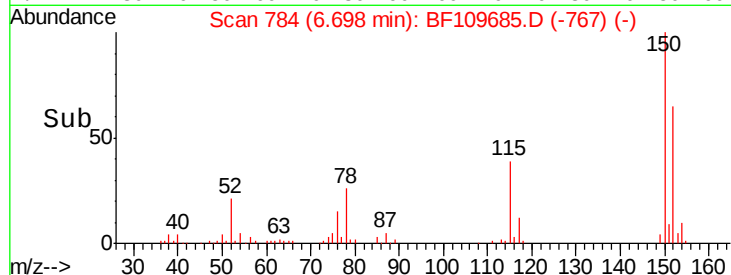
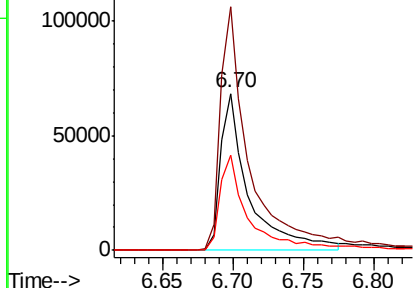
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109685.D
Acq: 9 Oct 2018 9:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	122.7	184.1
115	60.5	49.1	73.7



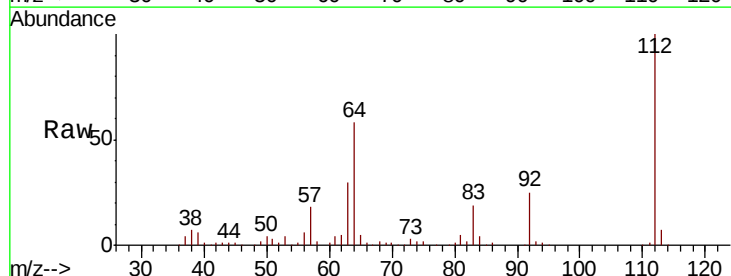
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



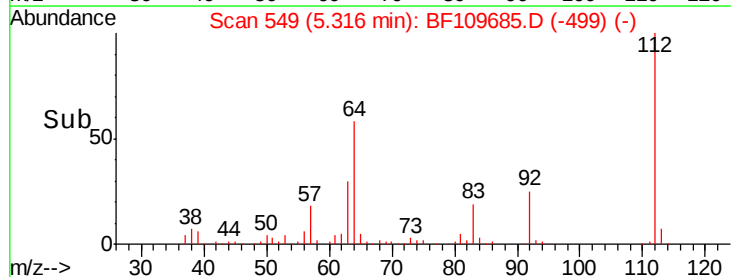
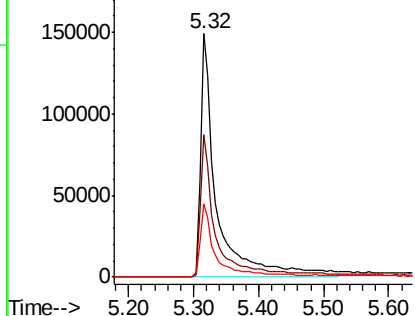
#5

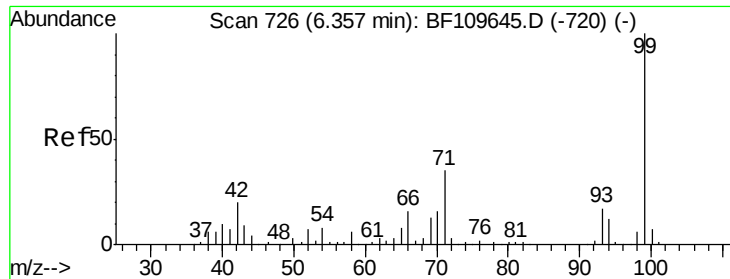
2-Fluorophenol
Concen: 47.620 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF109685.D
Acq: 9 Oct 2018 9:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	44.1	66.1
63	30.2	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: 52.489 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109685.D

Acq: 9 Oct 2018 9:19

Instrument :

BNA_F

ClientSampled :

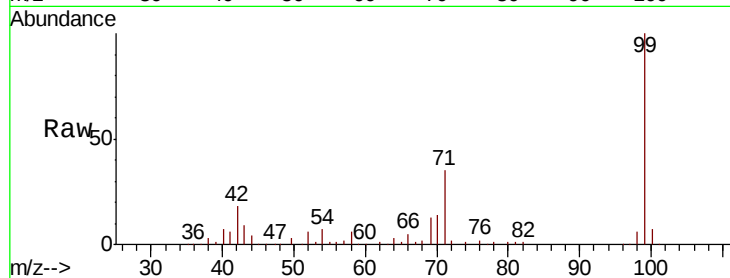
Tot Ion: 99 Resp: 379102

Ion Ratio Lower Upper

99 100

42 18.2 15.8 23.6

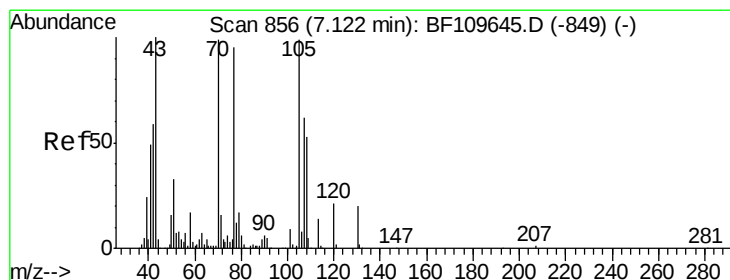
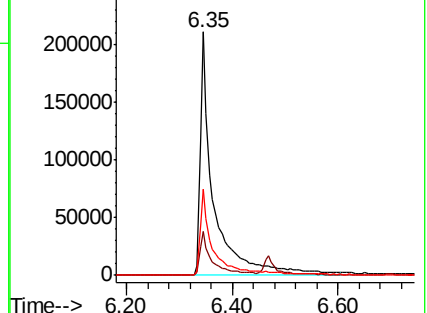
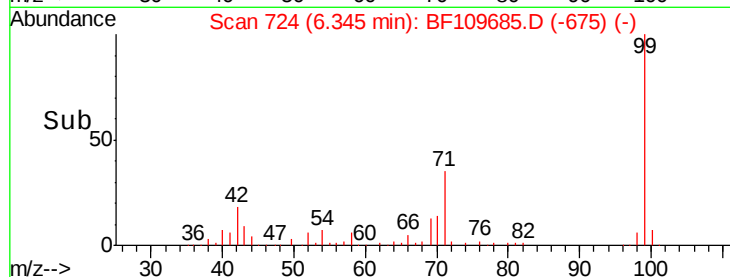
71 35.2 28.0 42.0



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: 6.096 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF109685.D

Acq: 9 Oct 2018 9:19

Tgt Ion: 70 Resp: 30877

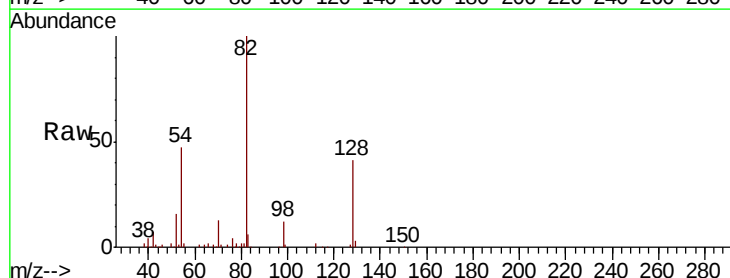
Ion Ratio Lower Upper

70 100

42 49.3 47.4 71.2

101 0.0 7.3 10.9#

130 0.0 16.2 24.2#

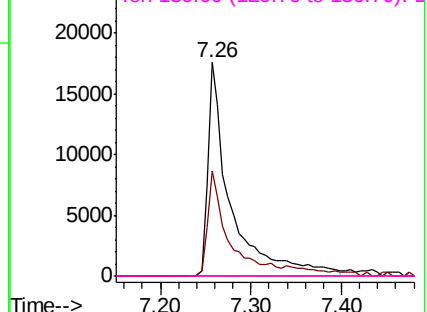
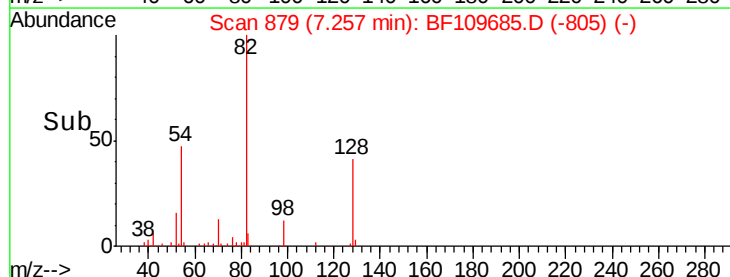


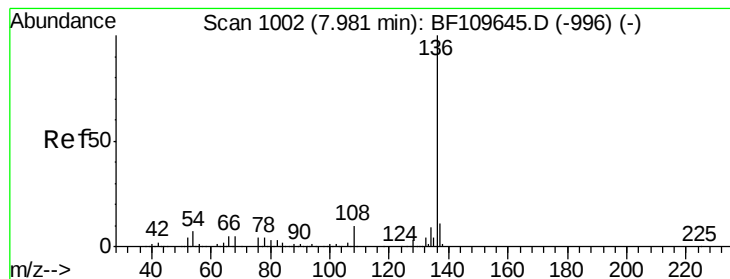
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF109685.D

Acq: 9 Oct 2018 9:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 378425

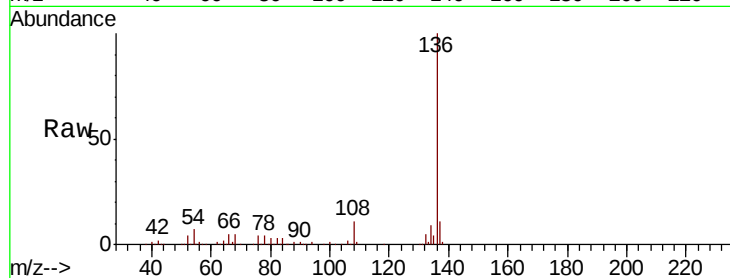
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 7.1 5.4 8.2

68 5.5 4.2 6.2

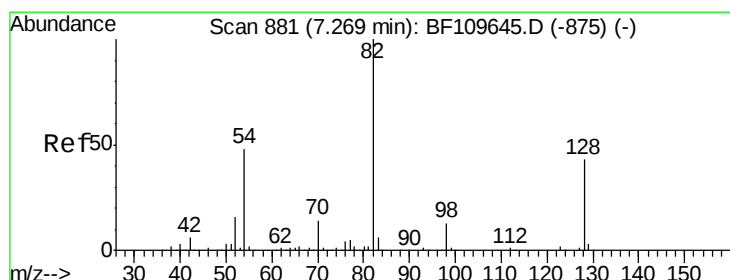
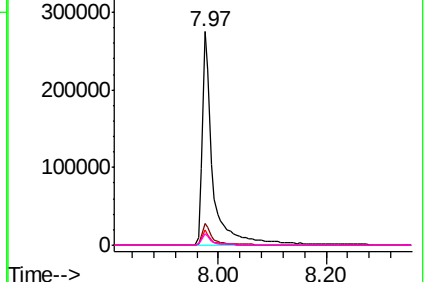
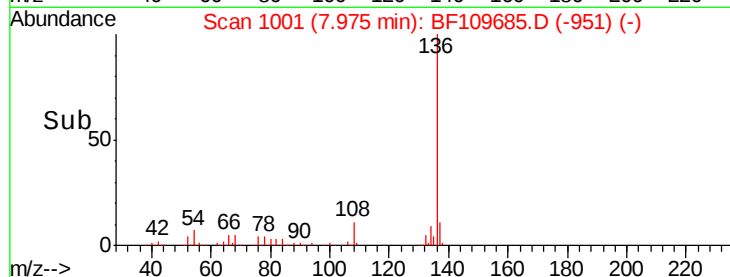


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 34.123 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF109685.D

Acq: 9 Oct 2018 9:19

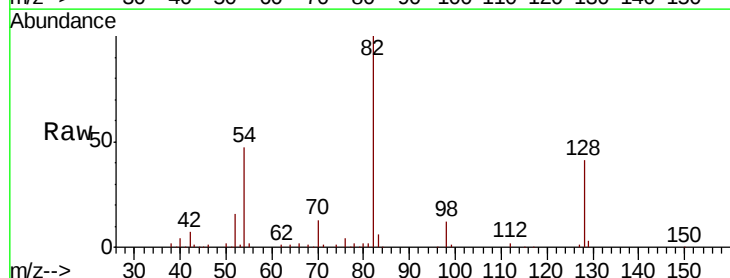
Tgt Ion: 82 Resp: 234258

Ion Ratio Lower Upper

82 100

128 41.4 34.2 51.2

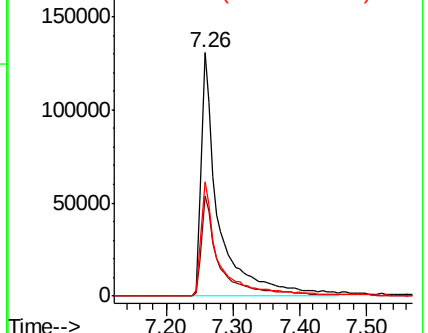
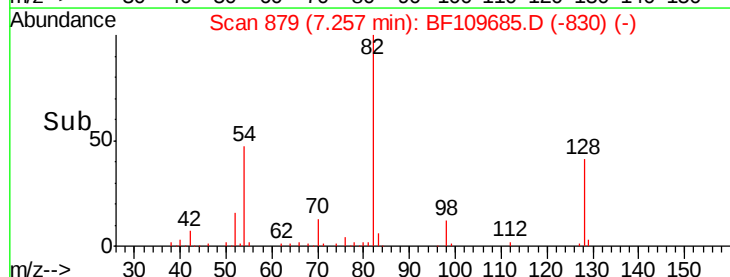
54 47.2 38.6 58.0

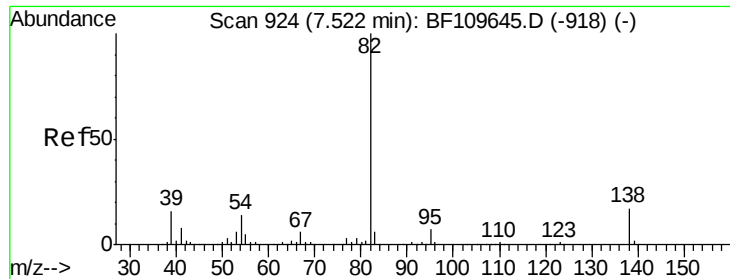


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

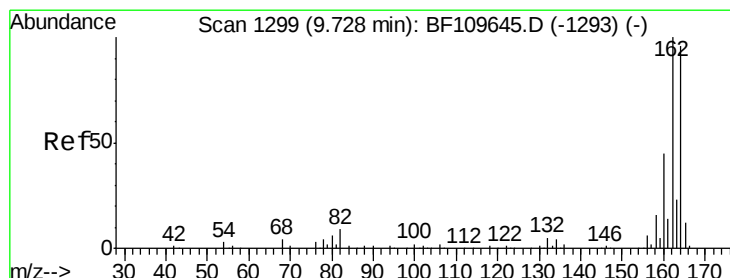
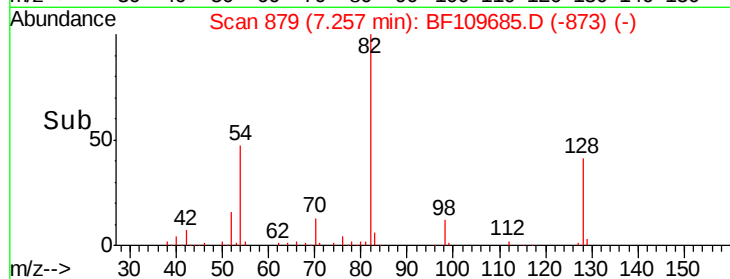
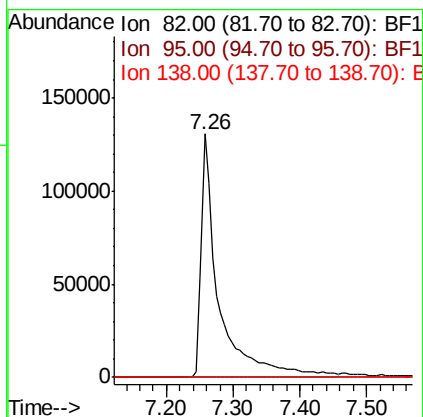
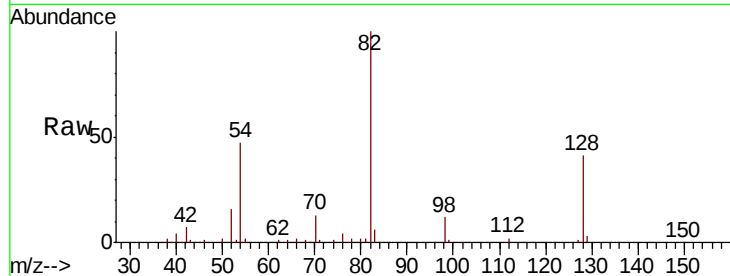




#25
Isophorone
Concen: 20.549 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF109685.D
Acq: 9 Oct 2018 9:19

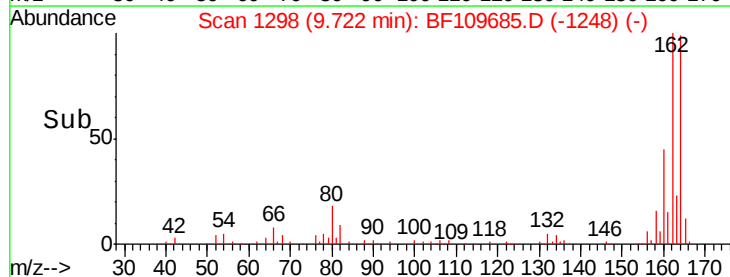
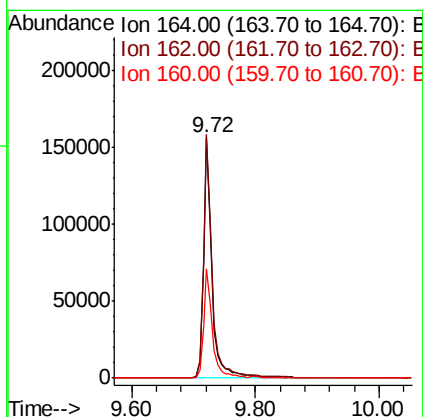
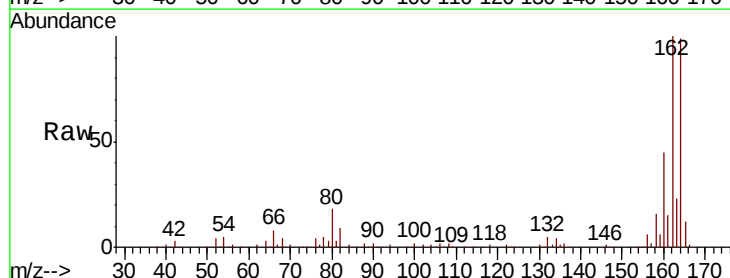
Instrument :
BNA_F
ClientSampleId :

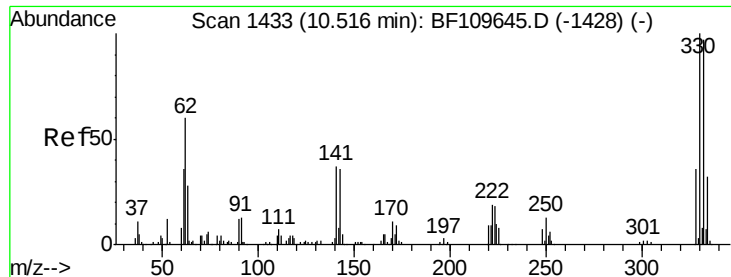
Tot Ion: 82 Resp: 234258
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109685.D
Acq: 9 Oct 2018 9:19

Tgt Ion:164 Resp: 154914
Ion Ratio Lower Upper
164 100
162 101.4 83.0 124.6
160 45.7 37.0 55.6

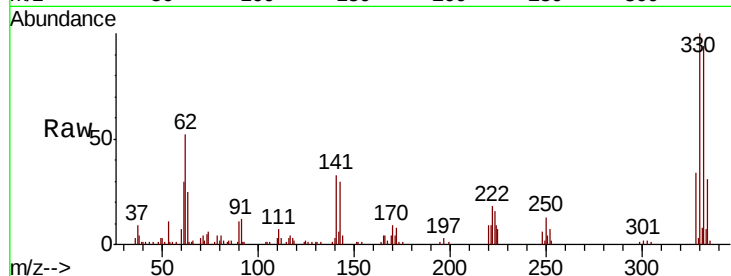




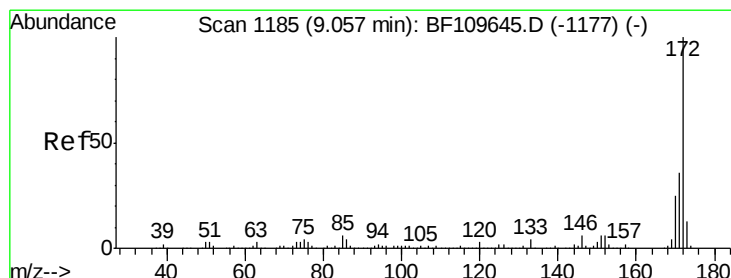
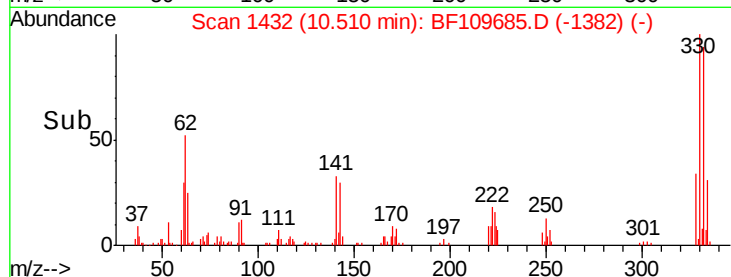
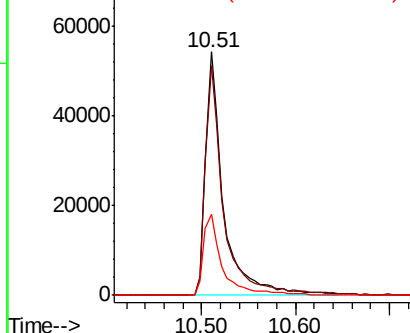
#41
 2,4,6-Tribromophenol
 Concen: 43.265 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109685.D
 Acq: 9 Oct 2018 9:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 73030
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.1 115.7
 141 34.8 27.0 40.4

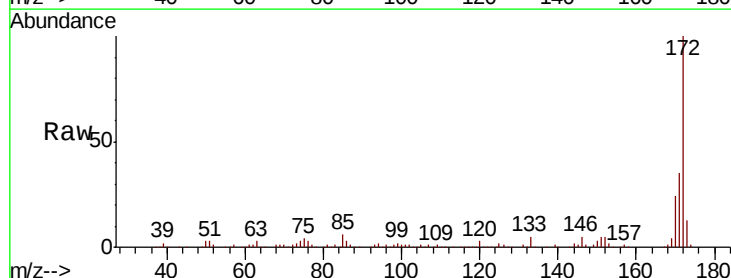


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

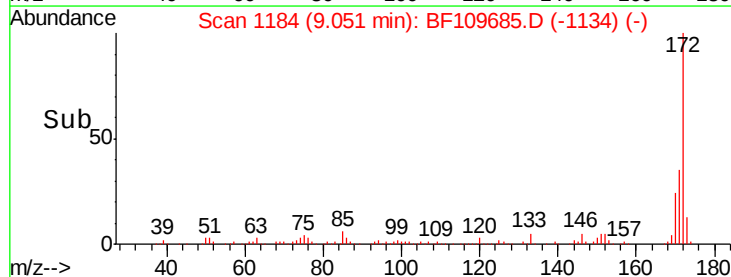
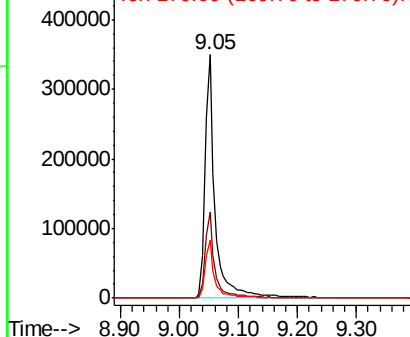


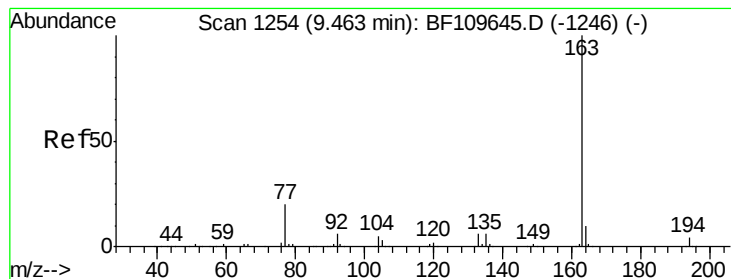
#44
 2-Fluorobiphenyl
 Concen: 37.168 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109685.D
 Acq: 9 Oct 2018 9:19

Tgt Ion:172 Resp: 418069
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.6 43.0
 170 23.7 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: 6.424 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.02 min

Lab File: BF109685.D

Acq: 9 Oct 2018 9:19

Instrument :

BNA_F

ClientSampleId :

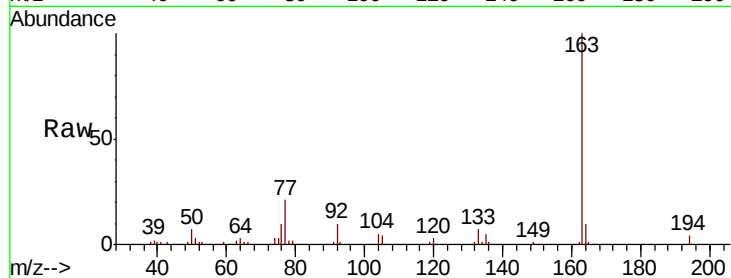
Tot Ion:163 Resp: 72988

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

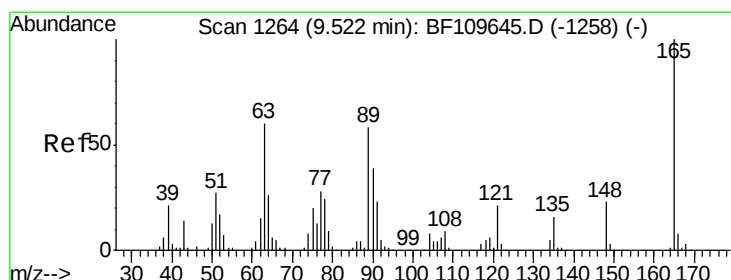
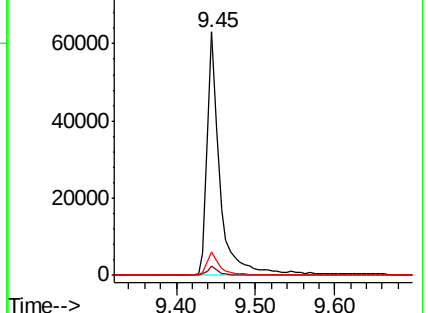
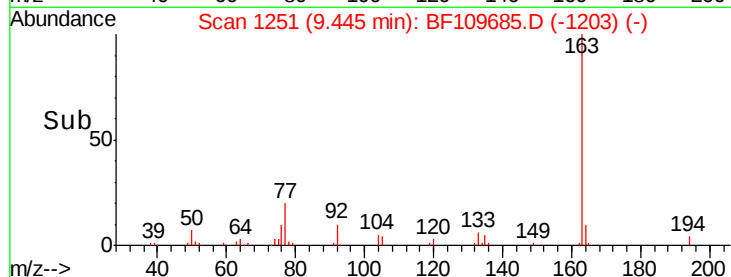
164 9.6 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 7.698 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.20 min

Lab File: BF109685.D

Acq: 9 Oct 2018 9:19

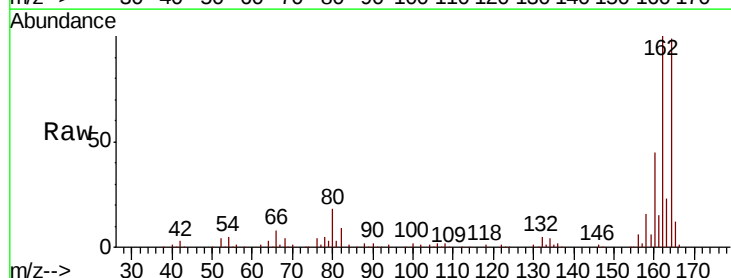
Tgt Ion:165 Resp: 18959

Ion Ratio Lower Upper

165 100

63 0.0 48.9 73.3#

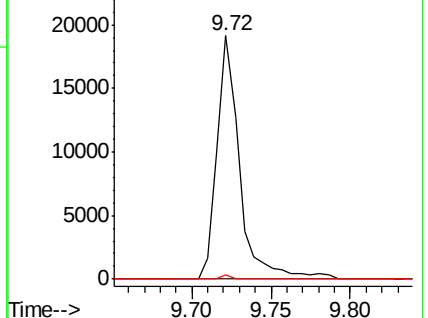
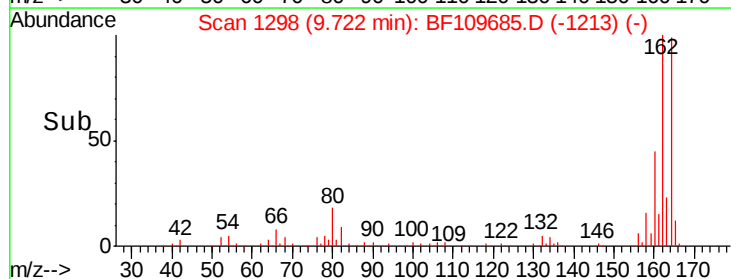
89 1.8 46.6 69.8#

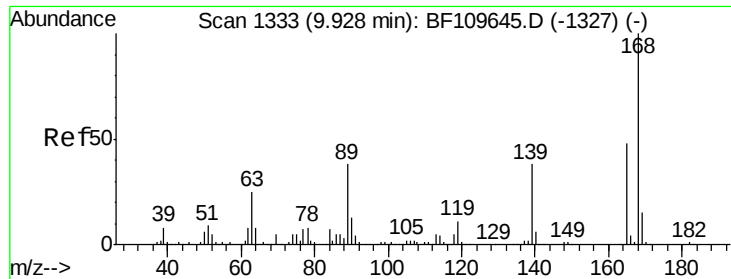


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

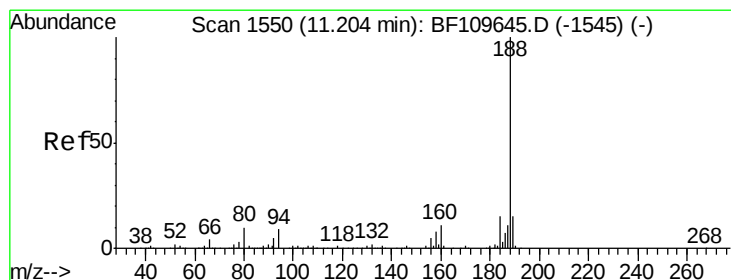
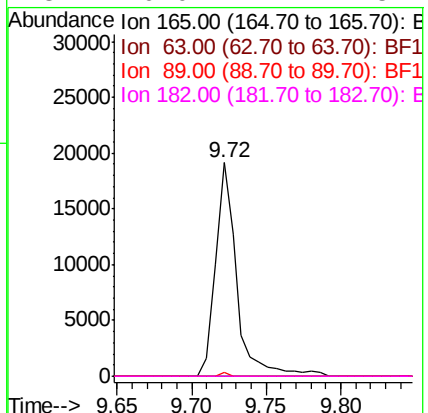
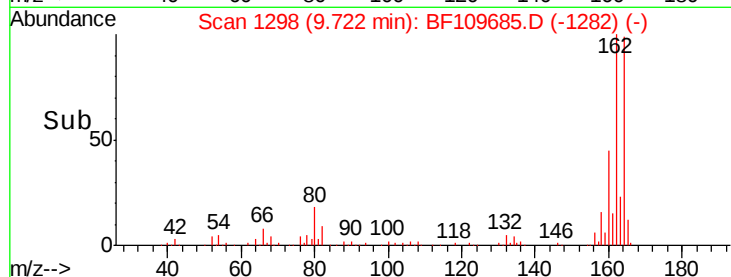
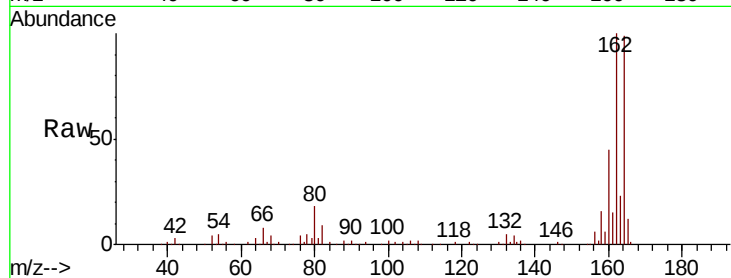




#56
 2,4-Dinitrotoluene
 Concen: 6.169 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.21 min
 Lab File: BF109685.D
 Acq: 9 Oct 2018 9:19

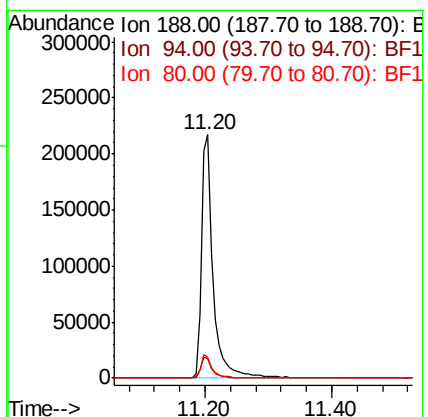
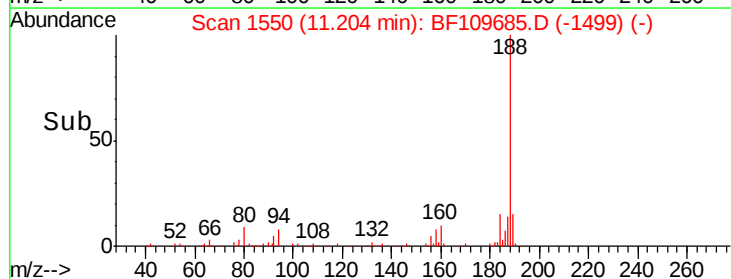
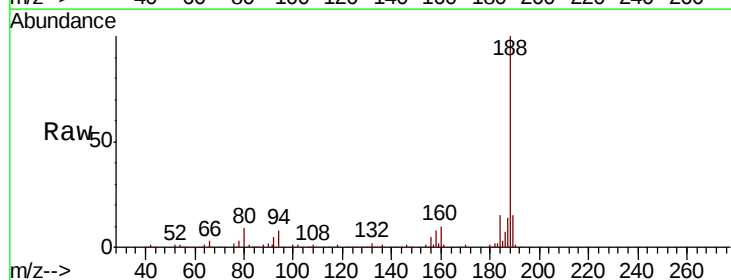
Instrument :
 BNA_F
 ClientSampleId :

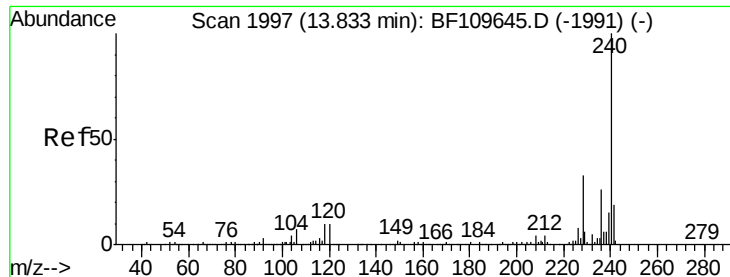
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	1.8	62.2	93.4#
182	0.0	2.1	3.1#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.00 min
 Lab File: BF109685.D
 Acq: 9 Oct 2018 9:19

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.2	10.8
80	8.7	7.9	11.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109685.D

Acq: 9 Oct 2018 9:19

Instrument :

BNA_F

ClientSampleId :

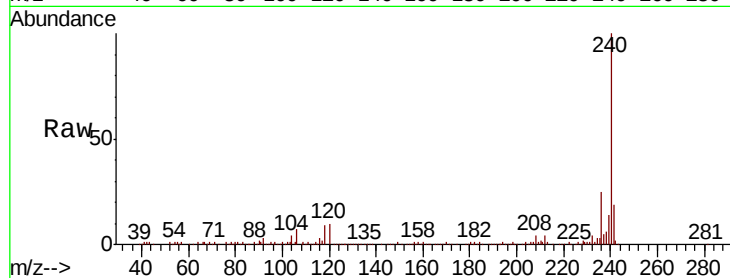
Tot Ion:240 Resp: 222935

Ion Ratio Lower Upper

240 100

120 10.3 8.3 12.5

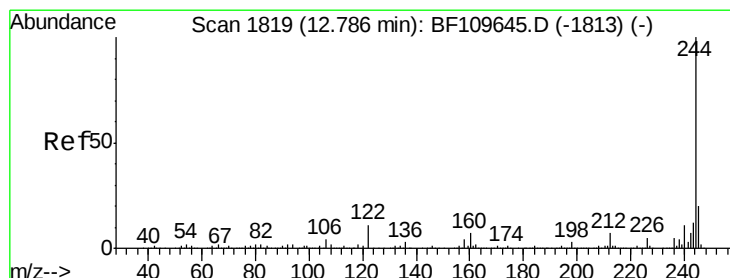
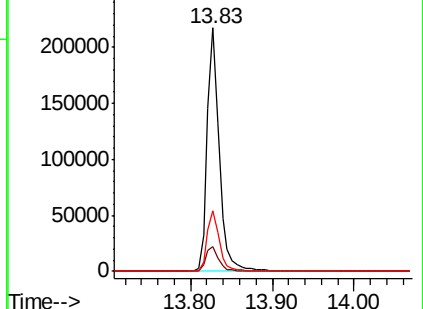
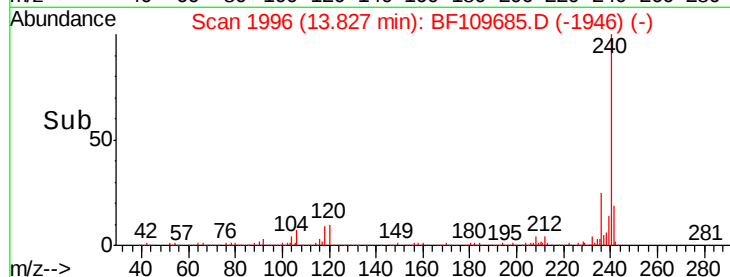
236 25.1 21.2 31.8



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: 29.377 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109685.D

Acq: 9 Oct 2018 9:19

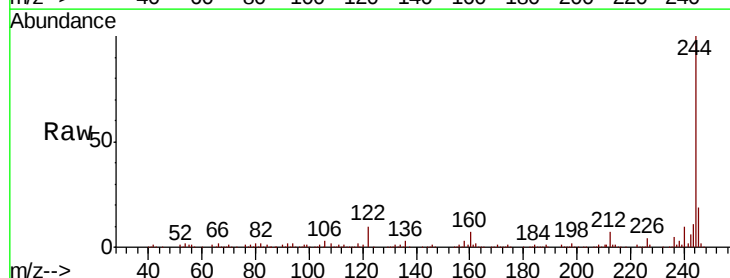
Tgt Ion:244 Resp: 338312

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

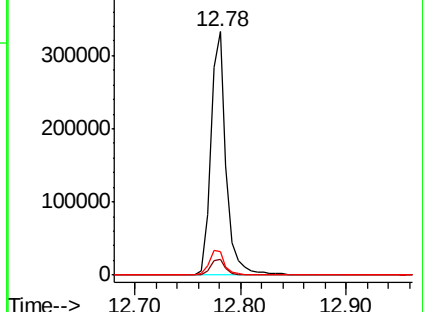
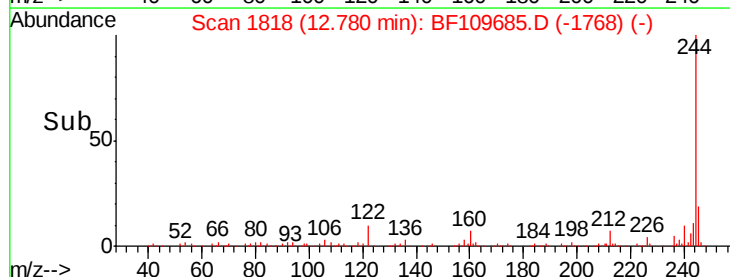
122 9.8 8.7 13.1

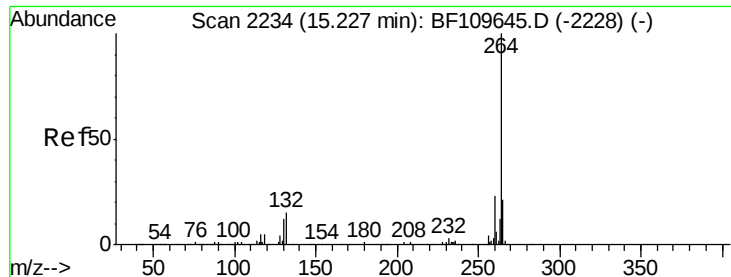


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

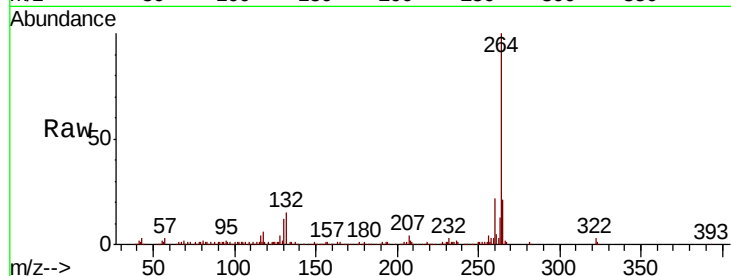




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BF109685.D
Acq: 9 Oct 2018 9:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.7	28.1
265	21.5	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

